OLD STONEY REMODEL - PHASE ONE

GENERAL NOTES

1. ALL DIMENSIONS ARE TO THE FACE OF STUD, OR FACE OF MASONRY, UNLESS NOTED OTHERWISE FOR NEWLY CONSTRUCTED WALLS OR THE FACE OF FINISH FOR EXISTING WALLS.
2. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO FABRICATION.
3. GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND COORDINATE THE WORK OF ALL TRADES INVOLVED IN THE PROJECT AS PART OF THE CONTRACT.
4. GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS AT THE SITE AND REPORT ALL DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
5. GENERAL CONTRACTOR SHALL PROVIDE A COMPLETE AND PROPER EXECUTION OF THE WORK AS INDICATED ON ALL DRAWINGS. IF ERRORS IN LAYOUT DIMENSIONS OR DETAILS ARE FOUND CONTACT THE ARCHITECT IMMEDIATELY.
6. GENERAL CONTRACTOR SHALL HAVE THE RESPONSIBILITY TO COORDINATE WITH THE OWNER'S WORK AND/ OR SUPPLIED ITEMS THAT ARE "OWNER FURNISHED CONTRACTOR INSTALLED" (OFCI) OR ARE "NOT IN CONTRACT" (NIC) BUT ARE ATTACHED TO THE CONTRACTOR'S WORK.
7. CONTRACTOR TO PROVIDE ALL REQUIRED BLOCKING, FRAMING, OR BRACING FOR WALL/CEILING MOUNTED EQUIPMENT AND FIXTURES SHOWN INCLUDING OWNER FURNISHED ITEMS.
8. ALL LARGE SCALE DRAWINGS AND DETAILS GOVERN OR SUPERSEDE ALL SMALLER SCALE DRAWINGS AND DETAILS.
9. PROVIDE PATCHING, PAINTING, INFILL AS NEEDED AT ALL DEMOLITION LOCATIONS.
10. COORDINATE ANY DEVIATIONS OF WORK WITH ARCHITECT IMMEDIATELY/BEFORE PROCEEDING.
11. THE OLD STONEY, 108 NORTH 4TH STREET, SUNDANCE, WYOMING IS AN ASBESTOS FREE FACILITY. ACCORDING TO THE DOCUMENTATION FROM THE OWNER, AN ASBESTOS ABATEMENT HAS BEEN UNDERTAKEN AND NO REMAINING ASBESTOS CONTAINING MATERIALS ARE IN THE BUILDING.

    ALL BIDDERS AND CONTRACTORS ARE HEREBY NOTIFIED THAT TO THE BEST KNOWLEDGE OF THE OWNER OR THOSE REPRESENTING THE OWNER IN ANY CAPACITY THIS PROJECT DOES NOT INVOLVE ASBESTOS CONTAINING MATERIALS (GREATER THAN 1%). BIDDERS ARE FURTHER INSTRUCTURED THAT NO ASBESTOS-CONTAINING MATERIALS HAVE BEEN SPECIFIED FOR THIS PROJECT AND NONE SHALL BE INSTALLED. UPON COMPLETION OF THIS PROJECT ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS SHALL PROVIDE THE OWNER A LETTER STATING THAT NO ASBESTOS-CONTAINING MATERIALS WERE USED IN THE CONSTRUCTION OF THIS FACILITY.

    THE CONTRACTOR IS CAUTIONED THAT HIDDEN MATERIALS UNKOWN TO THE OWNER AND INACCESSIBLE FOR TESTING MAY BE FOUND DURING THE DEMOLITION OR CONSTRUCTION WORK OF THIS PROJECT WHICH MAY BE ASBESTOS CONTAINING MATERIALS. PROPER PROCEDURES SHALL BE FOLLOWED UPON DISCOVERY OF THESE MATERIALS. THE OWNER OR THOSE REPRESENTING THE OWNER IN ANY CAPACITY SHALL NOT BE HELD RESPONSIBLE OR LIABLE FOR ANY INJURY OR COST TO ANY PERSON RESULTING FROM HANDLING OF OR PROXIMITY TO SUCH MATERIALS.

BUILDING DATA

OWNER:

CITY OF SUNDANCE
213 EAST MAIN STREET
P.O BOX 542
SUNDANCE, WY 82729
CONTACT: KATHY LENZ, CLERK-TREASURER

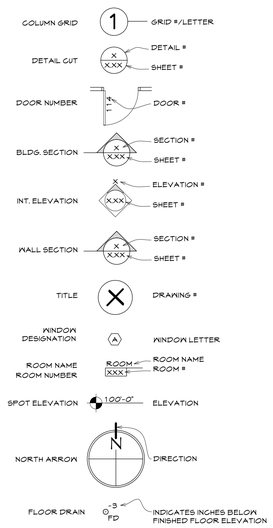
PROJECT ADDRESS:

108 NORTH 4TH STREET
SUNDANCE, WY 82729

SIZE:

SUB-BASEMENT:	3,557 G.S.F.
BASEMENT:	5,206 G.S.F.
FIRST FLOOR:	5,111 G.S.F.
SECOND FLOOR:	5,117 G.S.F.
TOTAL BUILDING AREA:	18,997 G.S.F.

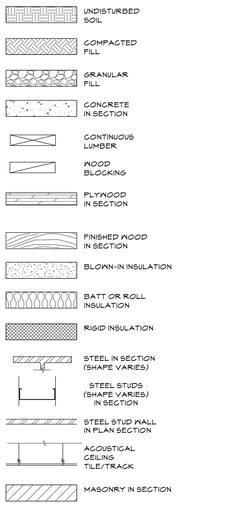
DRAWING SYMBOLS



ABBREVIATIONS

ABBREV.	-ABBREVIATION
ADA	-AMERICANS WITH DISABILITIES ACT
A.F.F.	-ABOVE FINISH FLOOR
BD.	-BOARD
C.J.	-CONTROL JOINT
CONC.	-CONCRETE
CONT.	-CONTINUOUS
℄	-CENTER LINE
DN	-DOWN
DEMO	-DEMOLISH
EA.	-EACH
EXPS	-EXTRUDED POLYSTYRENE
E.P.S.	-EXPANDED POLYSTYRENE
F.E.	-FIRE EXTINGUISHER
F.E.C.	-FIRE EXTINGUISHER CABINET
F. FL.	-FINISHED FLOOR
FIN.	-FINISH
F.O.G.	-FACE OF GYPSUM BOARD
FRP	-FIBERGLASS REINFORCED PANEL
F.O.M.	-FACE OF MASONRY
F.O.S.	-FACE OF STUD
FT.	-FOOT
GA.	-GAUGE
GALV.	-GALVANIZED
G.C.	-GENERAL CONTRACTOR
GYP. BD.	-GYPSUM BOARD
H.C.	-HANDICAPPED
HDW	-HARDWARE
H.M.	-HOLLOW METAL
HR.	-HOUR
INFO	-INFORMATION
ISO	-ISOCYANURATE ROOF INSULATION (EXTRUDED)
LVL	-LAMINATED VENEER LUMBER
MHO	-MAGNETIC HOLD OPEN
N.I.C.	-NOT IN CONTRACT
N.T.S.	-NOT TO SCALE
O.C.	-ON CENTER
O.F.C.I.	-OWNER FURNISHED CONTRACTOR INSTALLED
REV.	-REVERSE
RM	-ROOM
R.S.	-ROUGH SAWN
SIM.	-SIMILAR
SS	-STAINLESS STEEL
STG.	-STORAGE
T&G	-TONGUE & GROOVE
TLT.	-TOILET
T.O.S.	-TOP OF STEEL
T.O.M.	-TOP OF MASONRY
TYP.	-TYPICAL
U.N.O.	-UNLESS NOTED OTHERWISE
V.I.F.	-VERIFY IN FIELD
VTR	-VENT THRU ROOF
W/	-WITH
WWF	-WELDED WIRE FABRIC

MATERIALS LEGEND



PROJECT TEAM

ARCHITECT:

STATELINE NO. 7 ARCHITECTS
PHONE: (307) 265-3611 FAX: (307)265-3617
444 SOUTH CENTER STREET
CASPER, WYOMING 82601
CONTACT: LYLE T. MURTHA, AIA, lmurtha@stateline7.com

CIVIL ENGINEER:

INTERSTATE ENGINEERING
PHONE: (307) 283-3675
315 MAIN STREET
SUNDANCE, WYOMING 82729
CONTACT: CODY GALLOWAY, E.I.T., codygalloway@interstateeng.com

STRUCTURAL ENGINEER:

MARTIN & MARTIN
PHONE: (307) 283-3400
P.O. BOX 1067
SUNDANCE, WYOMING 82729
CONTACT: AMANDA MILLER, P.E., AMiller@emmuyo.com

MECHANICAL ENGINEER:

ENGINEERING DESING ASSOCIATES
PHONE: (307) 266-5033
1607 CY AVENUE, SUITE 303
CASPER, WYOMING 82604
CONTACT: JAK HOLLINGER, P.E., jakeedaesengineering.com

ELECTRICAL ENGINEER:

ENGINEERING DESING ASSOCIATES
PHONE: (307) 266-5033
1607 CY AVENUE, SUITE 303
CASPER, WYOMING 82604
CONTACT: MONTE SCHAFF, P.E., mschaffeedaesengineering.com

SHEET INDEX

ARCHITECTURAL:

0.00 TITLE SHEET AND GENERAL INFORMATION
0.10 CODE PLANS AND SUMMARY

CIVIL:

1.01 GRADING PLAN
1.02 UTILITY PLAN
1.03 DETAILS

ARCHITECTURAL:

1.10 DEMOLITION SITE PLAN
1.20 ARCHITECTURAL SITE PLAN AND DETAILS

STRUCTURAL:

2.01 NOTES
2.02 NOTES
2.03 QUALITY ASSURANCE
2.10 SUB-BASEMENT
2.11 BASEMENT
2.12 FIRST FLOOR
2.13 SECOND FLOOR
2.14 ROOF FRAMING & ATTIC FRAMING
2.30 CONCRETE DETAILS
2.31 SUB-BASEMENT DETAILS
2.32 BASEMENT & UPPER FLOOR DETAILS
2.33 ELEVATOR PIT DETAILS
2.34 ELEVATOR AND RETRO-PIT LINTEL DETAILS
2.35 STAIR DETAILS
2.36 WOOD & ROOF DETAILS

ARCHITECTURAL:

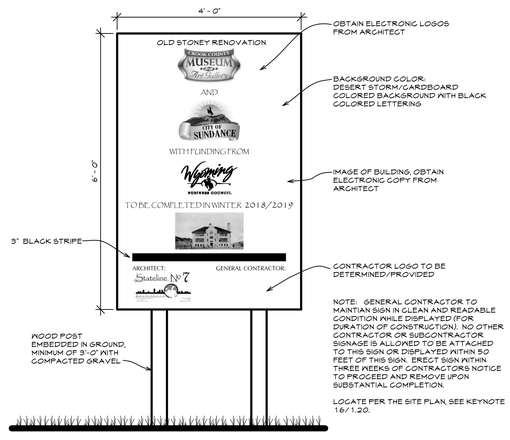
3.00 SUB-BASEMENT AND ELEVATOR EQUIPMENT ROOM DEMOLITION PLAN
3.05 BASEMENT DEMOLITION PLAN
3.10 FIRST FLOOR DEMOLITION PLAN
3.15 SECOND FLOOR DEMOLITION PLAN - PHASE I
3.20 SUB-BASEMENT DIMENSION PLAN
3.25 BASEMENT DIMENSION PLAN
3.30 FIRST FLOOR DIMENSION PLAN
3.35 SECOND FLOOR DIMENSION PLAN - PHASE I
3.40 SUB-BASEMENT AND ELEVATOR EQUIPMENT ROOM REFERENCE PLAN
3.45 BASEMENT REFERENCE PLAN
3.50 FIRST FLOOR REFERENCE PLAN
3.55 SECOND FLOOR REFERENCE PLAN - PHASE I
3.60 SUB-BASEMENT AND ELEVATOR EQUIPMENT ROOM REFLECTED CEILING PLANS
3.65 BASEMENT REFLECTED CEILING PLAN
3.70 FIRST FLOOR REFLECTED CEILING PLAN
3.75 SECOND FLOOR REFLECTED CEILING PLAN - PHASE I
5.10 WEST BUILDING ELEVATION
5.15 SOUTH BUILDING ELEVATION
5.20 EAST BUILDING ELEVATION
5.25 NORTH BUILDING ELEVATION
6.10 BUILDING SECTION
6.20 BUILDING SECTION
7.10 WALL SECTION
8.10 EXTERIOR STAIRS - SECTION & DETAILS
8.20 INTERIOR STAIRS - SECTIONS & DETAILS
8.30 ELEVATOR SECTION & DETAILS
9.10 SUB-BASEMENT FINISH FLOOR PLAN
9.15 BASEMENT FINISH FLOOR PLAN
9.20 FIRST AND PARTIAL SECOND FLOOR FINISH FLOOR PLANS
9.30 INTERIOR ELEVATIONS, DETAILS AND ACCESSORIES
10.10 DOOR SCHEDULE, HARDWARE, ELEVATIONS, & DETAILS
11.10 WINDOW ELEVATIONS & DETAILS

MECHANICAL:

15.00 MECHANICAL SCHEDULES
15.10 PHASE I SUB-BASEMENT FLOOR PLAN - WASTE & VENT
15.11 PHASE I BASEMENT FLOOR PLAN - WASTE & VENT
15.12 PHASE I FIRST FLOOR PLAN - WASTE & VENT
15.13 PHASE I SECOND FLOOR PLAN - WASTE & VENT
15.20 PHASE I SUB-BASEMENT FLOOR PLAN - DOMESTIC PIPING
15.21 PHASE I BASEMENT FLOOR PLAN - DOMESTIC PIPING
15.22 PHASE I FIRST FLOOR PLAN - DOMESTIC PIPING
15.23 PHASE I SECOND FLOOR PLAN - DOMESTIC PIPING
15.30 PHASE I SUB-BASEMENT FLOOR PLAN - HVAC
15.31 PHASE I BASEMENT FLOOR PLAN - HVAC
15.32 PHASE I FIRST FLOOR PLAN - HVAC
15.33 PHASE I SECOND FLOOR PLAN - HVAC
15.40 PHASE I SUB-BASEMENT FLOOR PLAN - HYDRONIC PIPING
15.41 PHASE I BASEMENT FLOOR PLAN - HYDRONIC PIPING
15.42 PHASE I FIRST FLOOR PLAN - HYDRONIC PIPING
15.43 PHASE I SECOND FLOOR PLAN - HYDRONIC PIPING
15.50 PHASE I MECHANICAL SECTIONS
15.51 PHASE I DETAILS
15.60 FIRE PROTECTION FLOOR PLANS

ELECTRICAL:

16.10 PHASE I LIGHTING PLANS
16.20 PHASE I POWER PLANS
16.30 PHASE I MECHANICAL CONNECTIONS
16.40 PHASE I ELECTRICAL DETAILS AND SCHEDULES
16.41 PHASE I ELECTRICAL DETAILS AND SCHEDULES
16.42 PHASE I ELECTRICAL SCHEDULES



NOTE: GENERAL CONTRACTOR TO MAINTIAN SIGN IN CLEAN AND READABLE CONDITION WHILE DISPLAYED (FOR DURATION OF CONSTRUCTION). NO OTHER CONTRACTOR OR SUBCONTRACTOR SIGNAGE IS ALLOWED TO BE ATTACHED TO THIS SIGN OR DISPLAYED WITHIN 50 FEET OF THIS SIGN. ERECT SIGN WITHIN THREE WEEKS OF CONTRACTORS NOTICE TO PROCEED AND REMOVE UPON SUBSTANTIAL COMPLETION.

LOCATE PER THE SITE PLAN, SEE KEYNOTE 16/1.20.

1 CONSTRUCTION SIGN
SCALE: 3/4" = 1'-0"

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No 7 ARCHITECTS

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE NO. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE NO. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

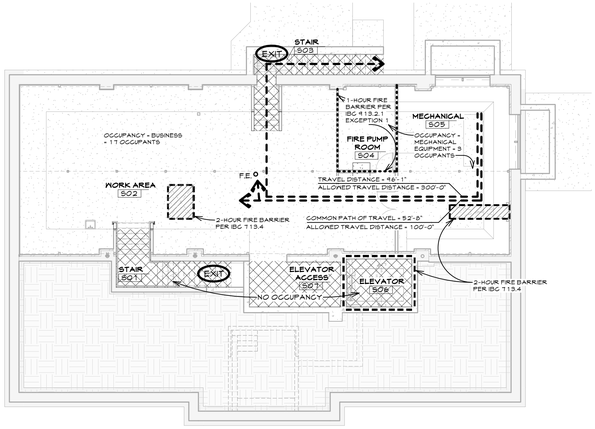
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
TITLE SHEET AND GENERAL INFORMATION

SHEET NUMBER
0.00



2015 IEBC CODE - SUB-BASEMENT

OCCUPANCY: B (BUSINESS)

TOTAL OCCUPANT LOAD OF FLOOR: 20 OCCUPANTS

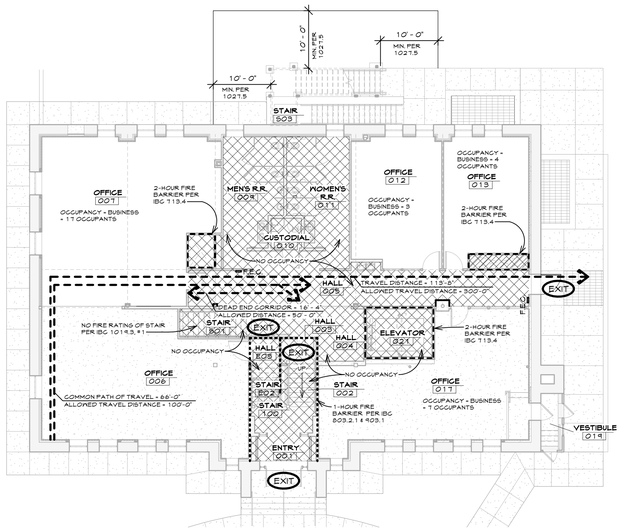
TOTAL EGRESS WIDTH REQUIRED (SPRINKLERED) = 4"
-54" PROVIDED AT RECONSTRUCTED INTERIOR STAIR
-42" PROVIDED AT NEW EXTERIOR EXIT STAIR

TWO EXITS REQUIRED DUE TO MAXIMUM COMMON PATH OF TRAVEL

SUB-BASEMENT CODE PLAN

SCALE: 3/32" = 1'-0"

TRUE NORTH
PLAN NORTH



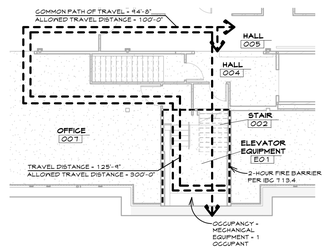
2015 IEBC CODE - BASEMENT

OCCUPANCY: B (BUSINESS)

TOTAL OCCUPANT LOAD OF FLOOR: 32 OCCUPANTS

TOTAL EGRESS WIDTH REQUIRED (SPRINKLERED) = 6.4"

TWO EXITS PROVIDED WITH 72" OR 6'-0" EXIT WIDTH



BASEMENT CODE PLAN

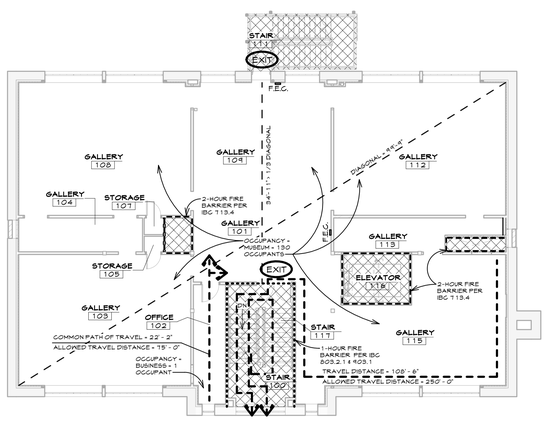
SCALE: 3/32" = 1'-0"

TRUE NORTH
PLAN NORTH

EQUIPMENT ROOM CODE PLAN

SCALE: 3/32" = 1'-0"

TRUE NORTH
PLAN NORTH



2015 IEBC CODE - FIRST FLOOR

OCCUPANCY: A3 (ASSEMBLY - MUSEUM)

TOTAL OCCUPANT LOAD OF FLOOR: 131 OCCUPANTS

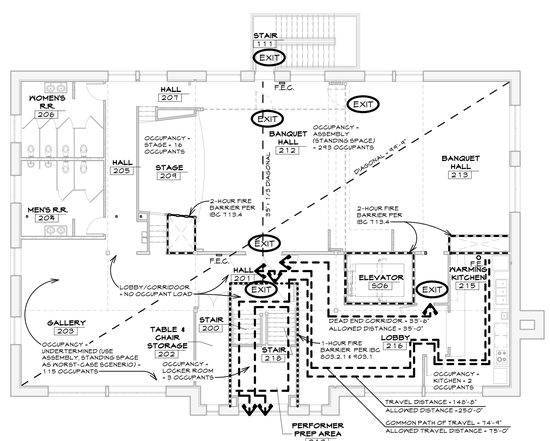
TOTAL EGRESS WIDTH REQUIRED (SPRINKLERED) = 26"
-50" PROVIDED AT EXISTING MAIN STAIR, AND
-50" PROVIDED AT NEW EXTERIOR EXIT STAIR

TWO EXITS REQUIRED DUE TO OCCUPANT LOAD > 500 OCCUPANTS - IBC TABLE 1006.3.1
-EXITS SEPARATED BY 1/3 DIAGONAL - YES PER IBC 1007.1.1, EXCEPTION 2
-EXITS 1/3 DIAGONAL (SPRINKLERED) - OK (NECESSITATES SPRINKLER REQUIREMENT)

FIRST FLOOR CODE PLAN

SCALE: 3/32" = 1'-0"

TRUE NORTH
PLAN NORTH



2015 IEBC CODE - SECOND FLOOR FUTURE PHASE 2

OCCUPANCY: A3 (ASSEMBLY - COMMUNITY/DANCE HALL)

TOTAL OCCUPANT LOAD OF FLOOR: 429 OCCUPANTS

TOTAL EGRESS WIDTH (SPRINKLERED) = 86" OR 7'-2"
-50" PROVIDED AT EXISTING MAIN STAIR, AND
-50" PROVIDED AT NEW EXTERIOR EXIT STAIR

TWO EXITS REQUIRED DUE TO OCCUPANT LOAD > 500 OCCUPANTS - IBC TABLE 1006.3.1
-EXITS SEPARATED BY 1/3 DIAGONAL - YES PER IBC 1007.1.1, EXCEPTION 2
-EXITS 1/3 DIAGONAL (SPRINKLERED) - OK (NECESSITATES SPRINKLER REQUIREMENT)

FUTURE PHASE 2 SECOND FLOOR CODE PLAN

SCALE: 3/32" = 1'-0"

TRUE NORTH
PLAN NORTH

2015 IEBC CODE - SUMMARY

TOTAL OCCUPANT LOAD OF ENTIRE BUILDING = 612 (INCLUDING FUTURE PHASE 2).

EXISTING BUILDING CONSTRUCTION = TYPE VB CONSTRUCTION.

PER TABLE 803.11 GROUP A-3, SPRINKLERED = CLASS B INTERIOR FINSIH.

BUILDING = 100% CHANGE OF OCCUPANCY FROM E TO UNSEPARATED A-3 AND B AND 100% WORK AREAS (ALTERATION) = LEVEL 3.

BUILDING TO BE FULLY FIRE SPRINKLERED PER IBC 903.2.1.3 (GROUP A-3), 2 AND 3.

BUILDING IS A DESIGNATED HISTORIC BUILDING, LISTED ON THE STATE HISTORIC REGISTER.

WORK AREA COMPLIANCE METHOD USED PER 301.1.2.

ALL MECHANICAL AND ELECTRICAL EQUIPMENT AND SYSTEMS FULLY REMOVED AND REPLACED.

PER 805.3.1.2 EAST FIRE ESCAPE IS BEING RECONSTRUCTED FOR SECOND EXIT.

804.1.1 (AND IBC TABLE 1020.1) NO CORRIDOR FIRE RATING REQUIREMNT FOR A OR B OCCUPANCIES IN SPRINKLERED BUILDINGS.

1012.4.2 EXCEPTION - EXISTING STAIR RISER AND TREADS NOT REQUIRED TO COMPLY FOR NEW CONSTRUCTION.

PER IBC TABLE 601 - NO FIRE RESISTANCE RATING REQUIREMENT FOR BUILDING ELEMENTS.

PER IBC TABLE 504.3 ALLOWABLE HEIGHT OF BUILDING = 60' > 52'-3 1/2" (ACTUAL HEIGHT).

PER IBC TABLE 504.4 (A-3), ALLOWABLE STORIES ABOVE GRADE = 2 > 2 STORIES ACTUAL/EXISTING.

PER IBC TABLE 506.2 ALLOWABLE AREA (A-3, SM) = 18,000 + 20% INCREASE PER 1205.2 = 21,600 S.F. < 18,997 S.F. ACTUAL/EXISTING.

LEGEND

- - - - - - - - - - - -	1-HOUR FIRE BARRIER
	2-HOUR FIRE BARRIER (HORIZONTAL)
- - - - - - - - - - - -	2-HOUR FIRE BARRIER
	NO OCCUPANT LOAD AREA
F.E.	DENOTES FIRE EXTINGUISHER
F.E.C.	DENOTES FIRE EXTINGUISHER AND CABINET

LICENSED ARCHITECT
JAMES E. MILLER
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No 7 ARCHITECTS
Cheyenne, WY 82001
307.632.5741
www.statelineno7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. ©COPYRIGHT

PROJECT NUMBER
16-022

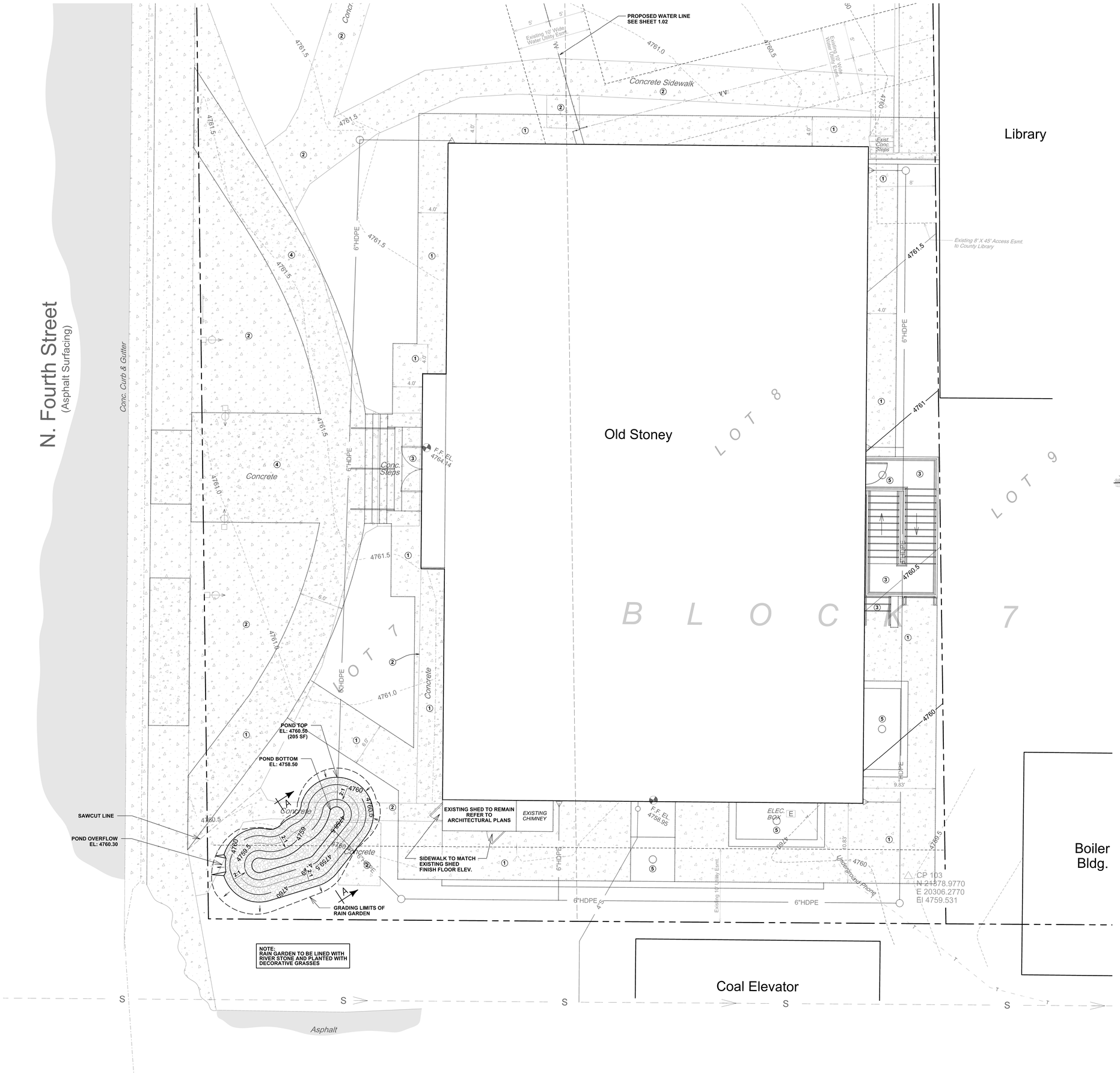
DATE
11-20-2017

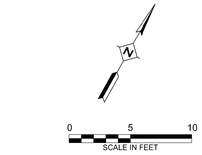
DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
CODE PLANS AND SUMMARY

SHEET NUMBER
0.10

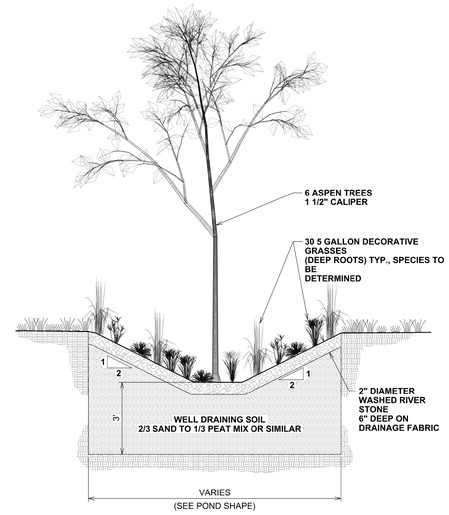




CONTOUR INTERVAL: 0.5'

KEYNOTES

1. PROPOSED CONCRETE
   REFER TO ARCHITECTURAL PLANS
2. CONCRETE REMOVAL
   REFER TO ARCHITECTURAL PLANS
3. PROPOSED STAIRS / RAMP
   REFER TO ARCHITECTURAL PLANS
4. CONCRETE REMOVAL AND REPLACEMENT
   REFER TO ARCHITECTURAL PLANS
5. BORE FOR DRYWELL
   REFER TO ARCHITECTURAL PLANS



SECTION A-A
RAIN GARDEN

LEGEND

△	CONTROL POINT
E	ELECTRICAL BOX
	FIRE HYDRANT
S	SANITARY SEWER MANHOLE
	ASPHALT SURFACE
	CONCRETE SURFACE
	INTERIOR PROPERTY LINE
	PROPERTY BOUNDARY
T	TELEPHONE LINE
W	WATER LINE
S	SANITARY SEWER LINE
4759.5	CONTOUR MINOR - EXISTING
4760	CONTOUR MAJOR - EXISTING
4760.5	CONTOUR MINOR - PROPOSED
4760	CONTOUR MAJOR - PROPOSED

PROJECT NO. L16-16-092.01
Interstate Engineering, Inc.
P.O. Box 189
315 Main Street
Sundance, WY. 82729
Ph (307) 283-3018
www.interstateeng.com
INTERSTATE ENGINEERING
Professionals you need, people you trust
Offices in North Dakota, Minnesota, Montana and South Dakota
Q:\2016\L16-16-xxx\L16-16-092.01\CADD\DESIGN\SHEETS\Grading Plan.dgn

Professional Engineer
DONALD A. PAGEL
9676
Date 9-28-2017
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7
ARCHITECTS

Cheryl Wy
Cody Dunn
Sundance Office
315 Main Street
Sundance, Wyoming 82729
307.283.3018 Phone
307.283.3019 Fax
www.statelinearchitects.com

THESE DRAWINGS ARE THE EXCLUSIVE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED OR USED WITHOUT WRITTEN PERMISSION OF STATELINE ARCHITECTS. COPYRIGHT © 2017 STATELINE ARCHITECTS

PROJECT NUMBER
16-022

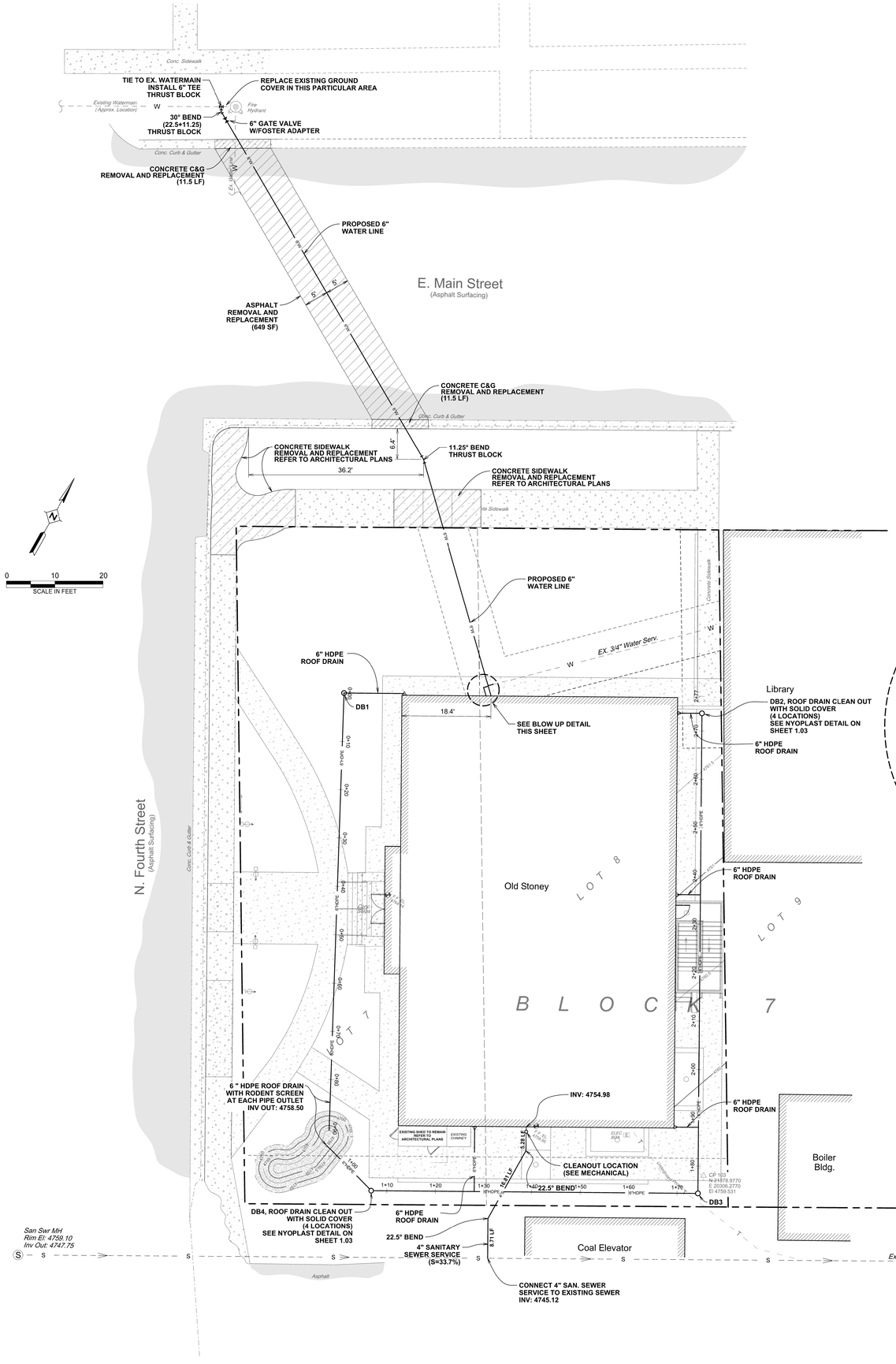
DATE
11/20/2017

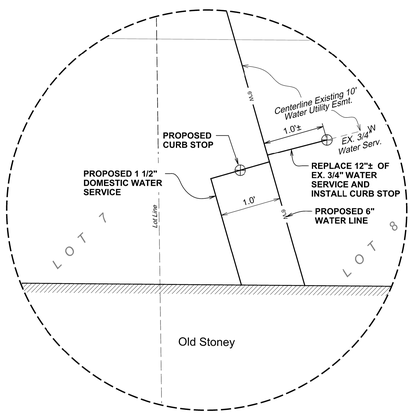
DRAWN BY
CLG / CDK

DISK ID.

SHEET TITLE
GRADING PLAN

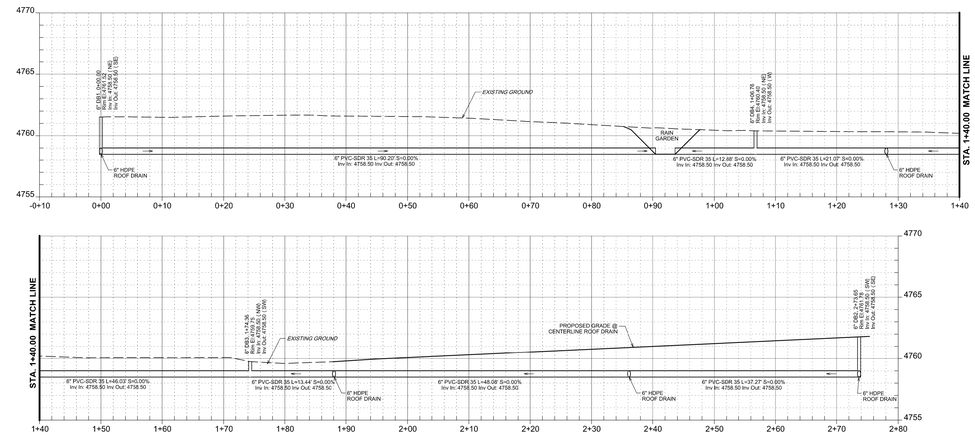
SHEET NUMBER
1.01





BLOW UP DETAIL

1"=1'-0"



ROOF DRAIN PROFILE

1"=10' HOR
1"=5' VER

General Notes:

UTILITIES
The Contractor is responsible for verifying the location of all utilities prior to starting work.
Anytime existing utilities impede the progress of work, the Contractor shall immediately notify the Engineer.
The Contractor shall cooperate with the owners of all underground or overhead utility lines in any removal and rearrangement operations that might be required in order that these operations may progress in a reasonable manner and the duplication of rearrangement work may be reduced to a minimum and that services rendered by those utilities will not be unnecessarily interrupted.
The Contractor shall not make any opening of excavation within the project area until contact has been made with all utilities to locate any existing electric, water, telephone, power or other installations.
Any damage to the utilities caused by the Contractor's carelessness shall be repaired at the Contractor's expense. **Call 811 for Utility Locate Services.**

PRIVATE AND PUBLIC PROPERTY
Care shall be taken by the Contractor such that private and public property located adjacent to the construction area is not damaged during construction operations. Damage to private property caused by the Contractor's forces shall be repaired or replaced at the Contractor's expense to the satisfaction of the Engineer and the property owner.

STAKING AND TESTING
The contractor shall be responsible for the construction staking for the project. The Staking shall be done by a Registered Land Surveyor registered in the State of Wyoming. Electronic Plans will not be provided on the project.

TRAFFIC CONTROL
The contractor is required to maintain traffic control in accordance with the Manual of Uniform Traffic Control Devices (MUTCD). All traffic control shall conform to the latest edition.

The contractor will be required to provide traffic control plans/details for road and/or lane closures to complete proposed work within the affected city street(s). Contractor shall minimize alley closure time to reduce issues with garbage pickup and deliveries to businesses. Contractor shall notify and coordinate with property owners adjacent to street prior to closure(s).

WATER NOTES:
The contractor shall coordinate connections to the existing water system with Mac Erickson at the City of Sundance (307) 283-3451.

GROUND WATER
Contractor shall be responsible for groundwater pumping if groundwater is present. This is an incidental expense with no separate pay item.

WATER AND SANITARY SEWER:
The Contractor shall obtain permission from the necessary authorities prior to beginning any roadway excavation. The Contractor shall restore existing roads to their original condition whenever the roadways are disturbed during the construction and where applicable.

The Contractor may bore in lieu of trenching.

CONNECTION TO EXISTING WATER AND SANITARY SEWER
Contractor shall be responsible for all the cost, materials & labor for connecting to the existing Water and Sanitary Sewer mains and for paying any permit and tap fees.

WARNING SIGNS AND BARRICADES
The Contractor shall provide sufficient and adequate barricades, signs, lights, and watchmen and take all the necessary precautions to insure the protection of the work and safety of the general public.

BACKFILLING TRENCHES:
All trenches shall be backfilled immediately after pipe is laid therein unless other protection of pipeline is directed. Under no circumstances shall water be permitted to rise in unbackfilled trenches after pipe has been placed. No material shall be used for backfilling that contains frozen earth, debris, stones, having any dimension greater than six (6) inches, or earth with an exceptionally high void content.

The Contractor shall be responsible for maintaining a safe excavation and complying with all applicable state and federal regulations.

ASPHALT
Replacement of Asphalt shall be per City Specification. See applicable detail.

PROJECT NO. L16-16-092.01

Interstate Engineering, Inc.
P.O. Box 189
315 Main Street
Sundance, WY. 82729
Ph (307) 283-3876
www.interstateeng.com
INTERSTATE ENGINEERING
Professionals you need, people you trust

Office in North Dakota, Minnesota, Montana and South Dakota

Q:\2016\L16-16-xxxx\L16-16-092.01\CAD\DESIGN\SHEETS\Utility Plan.dgn

Professional Engineer
RONALD A. PETERSON
9676
Date 11-28-2017
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline No 7
ARCHITECTS
Cheyenne, WY
307.635.5000
Sundance, Lower Street
Sundance, WY
307.283.3000

THE SITE PLAN, FLOOR PLAN, ELEVATIONS, SECTIONS AND ANY OTHER DRAWINGS OF STATELINE NO. 7 ARCHITECTS, INC. ARE THE PROPERTY OF STATELINE NO. 7 ARCHITECTS. COPYRIGHT © 2016. REPRODUCTION OR USE WITHOUT WRITTEN PERMISSION OF STATELINE NO. 7 ARCHITECTS.

PROJECT NUMBER
16-022

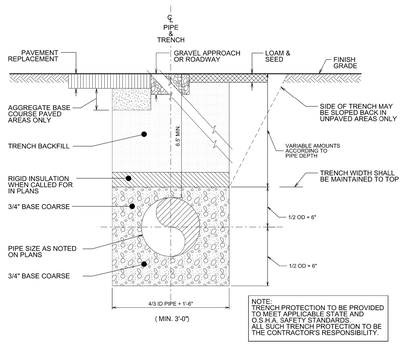
DATE
11/20/2017

DRAWN BY
CLG / CDK

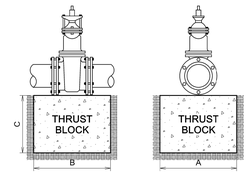
DISK ID.

SHEET TITLE
UTILITY PLAN

SHEET NUMBER
1.02

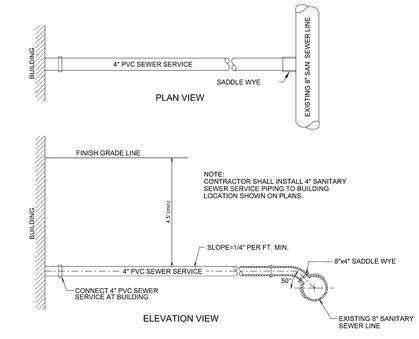


TRENCH DETAIL
NTS

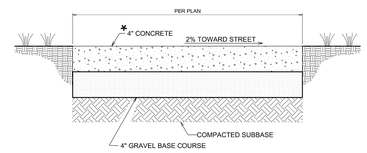


THRUST BLOCK DIMENSIONS								
VALVE SIZE		6" TO 8"	10"	12"	14"	16"	18"	24"
100 PSI	A	2'-0"	2'-0"	2'-3"	2'-3"	3'-0"	3'-8"	4'-4"
	B	2'-0"	2'-0"	2'-0"	2'-0"	3'-0"	3'-0"	4'-0"
	C	2'-0"	2'-0"	2'-9"	2'-4"	2'-11"	3'-0"	4'-0"
150 PSI	A	2'-0"	2'-6"	3'-0"	3'-5"	4'-4"	5'-5"	6'-5"
	B	2'-0"	2'-6"	3'-0"	3'-0"	3'-0"	3'-0"	4'-0"
	C	2'-0"	2'-0"	2'-8"	3'-0"	3'-0"	3'-0"	4'-0"
200 PSI	A	2'-0"	2'-9"	3'-5"	4'-6"	4'-1"	5'-1"	6'-6"
	B	2'-0"	2'-6"	3'-0"	3'-0"	4'-0"	4'-0"	5'-0"
	C	2'-0"	2'-6"	3'-0"	3'-0"	4'-0"	4'-0"	5'-0"
250 PSI	A	2'-0"	3'-0"	4'-3"	5'-0"	5'-1"	6'-4"	6'-5"
	B	2'-0"	3'-0"	3'-0"	4'-0"	4'-0"	4'-0"	6'-0"
	C	2'-0"	3'-0"	3'-0"	4'-0"	4'-0"	4'-0"	6'-0"
300 PSI	A	2'-0"	3'-7"	5'-1"	4'-9"	6'-1"	5'-9"	7'-8"
	B	2'-0"	3'-0"	3'-0"	4'-0"	4'-0"	5'-0"	6'-0"
	C	2'-7"	3'-0"	3'-0"	4'-0"	4'-0"	5'-0"	6'-0"
NOTES: - Pressures shown above are maximum working pressure in system. - To be installed as called for and at locations as shown on plans.								

THRUST BLOCK DIMENSIONS
NTS

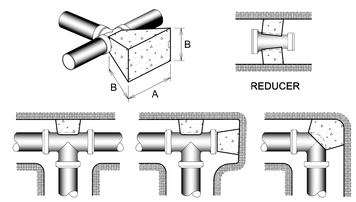


SEWER SERVICE
NTS



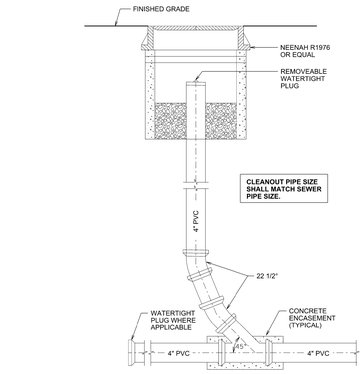
* SAW CUT EXISTING CONCRETE SIDEWALK AT LIMITS SHOWN. CONCRETE DEPTH SHALL MATCH EXISTING OR BE 4", WHICEVER IS GREATER.

SIDEWALK SECTION
NTS

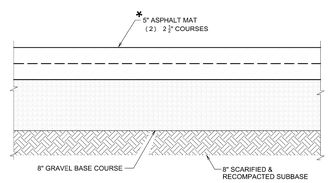


DIMENSIONS FOR THRUST BLOCKING								
FITTING SIZES	TEES & PLUGS		90° BEND		45° BEND & WYES		REDUCERS, 11 1/4° & 22 1/2° BENDS	
	A	B	A	B	A	B	A	B
4"	1'-7"	1'-2"	1'-9"	1'-5"	1'-8"	0'-10"	1'-7"	0'-6"
6"	2'-0"	1'-11"	2'-5"	2'-2"	1'-10"	1'-7"	1'-9"	0'-10"
8"	2'-8"	2'-6"	3'-2"	3'-0"	2'-5"	2'-1"	1'-9"	1'-6"
10"	3'-4"	3'-3"	4'-0"	3'-10"	3'-10"	2'-9"	2'-2"	1'-11"
12"	4'-0"	3'-10"	4'-8"	4'-8"	3'-8"	3'-3"	2'-7"	2'-3"
14"	5'-5"	3'-10"	6'-6"	4'-11"	4'-9"	3'-5"	3'-5"	2'-5"
NOTE: This table is basesd on 150 PSI Main Pressure and 2000 PSF Soil Bearing Pressure. Wrap all fittings with Polyethylene								

THRUST BLOCKING WATERMAIN
NTS

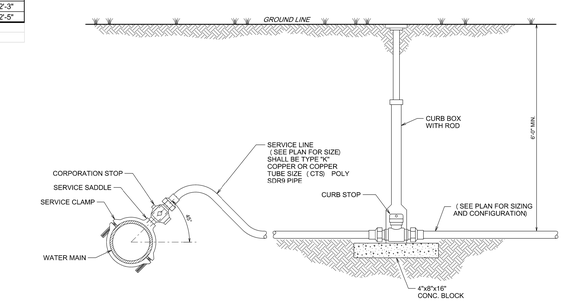


CLEANOUT
NTS

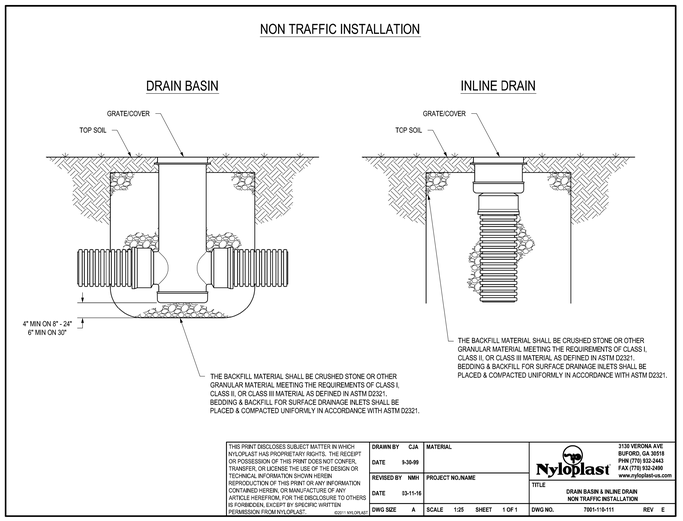


* SAW CUT EXISTING ASPHALT PAVEMENT AT LIMITS SHOWN. ASPHALT DEPTH SHALL MATCH EXISTING OR BE 5", WHICEVER IS GREATER.

ASPHALT PATCHING SECTION
NTS



TYPE "K" WATER SERVICE CONNECTION
NTS



PROJECT NO. L16-16-092.01

Interstate Engineering, Inc.
P.O. Box 189
315 Main Street
Sundance, WY. 82729
Ph (307) 283-3767
www.interstateeng.com
Offices in North Dakota, Minnesota, Montana and South Dakota
INTERSTATE ENGINEERING
Professionals you need, people you trust

Q:\2016\L16-16-xxxx\L16-16-092.01\CADD\DESIGN\SHEETS\Details.dgn

Professional Engineer (Seal) RONALD A. PETERSON 9676 Date 11-28-2017 WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7 ARCHITECTS
Cheyenne, WY
307.634.7171
Sun Prairie, Wisconsin
608.837.4254

THIS PRINT AND THE INFORMATION THEREON IS THE PROPERTY OF STATELINE NO. 7 ARCHITECTS, INC. REPRODUCTION OR USE WITHOUT WRITTEN PERMISSION OF STATELINE NO. 7 ARCHITECTS COPYRIGHT ©

PROJECT NUMBER
16-022

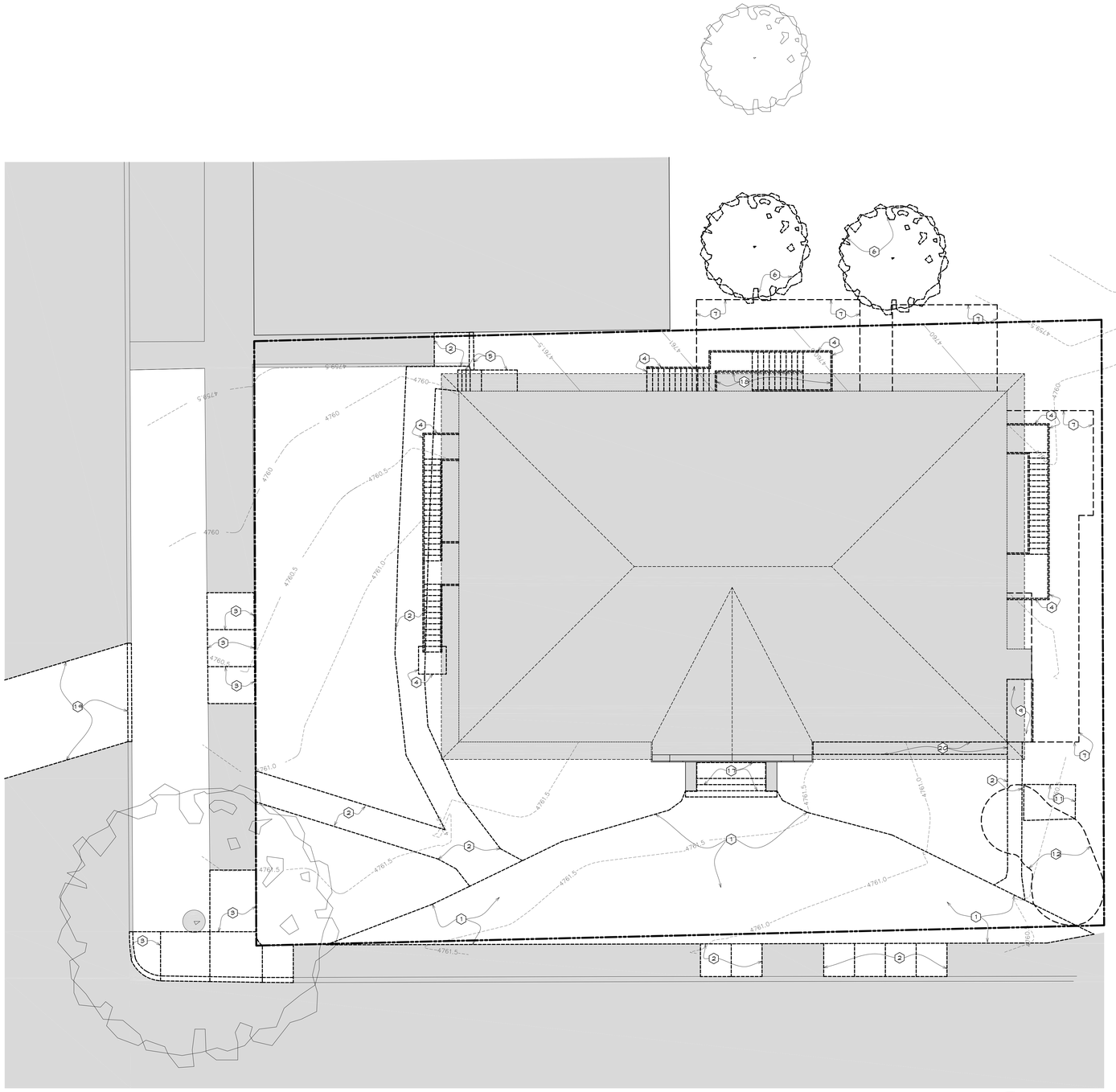
DATE
11/20/2017

DRAWN BY
CLG / CDK

DISK ID.

SHEET TITLE
DETAILS

SHEET NUMBER
1.03



DEMOLITION SITE PLAN

SCALE 1/8" = 1'-0"

TRUE NORTH
PLAN NORTH

GENERAL NOTES:

1. ALL DIMENSIONS ARE TO THE FACE OF BRICK, FACE OF C.M.U., FACE OF STUDS, OR FACE OF FOUNDATION, TYPICAL, UNLESS NOTED OTHERWISE.
2. CONTRACTOR TO RESTORE FINISHES IN ALL AREAS AFFECTED BY DEMOLITION OR REMOVAL TO THEIR COMPLETE AND/OR ORIGINAL STATE. ALL ITEMS TO BE SEALED WEATHER-TIGHT WHERE APPLICABLE.
3. CONTRACTOR TO ACCOUNT FOR RE-SEEDING OF ALL SITE AREAS AFFECTED BY CONSTRUCTION/DEMOLITION.
4. CONTRACTOR MAY USE AREA IMMEDIATELY SOUTH OF BUILDING AS STAGING AREA FOR CONSTRUCTION, COORDINATE WITH CITY OF SUNDANCE.
5. SEE THE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING DEMOLITION, EXCAVATION, AND SHORING. CONTRACTOR TO CONSULT WITH GEOTECHNICAL ENGINEER BEFORE UNDERTAKING ANY DEMOLITION OR EXCAVATION WORK.
6. ALL DEMO ITEMS TO BE PROPERLY DISPOSED OF OFF SITE UNLESS NOTED OTHERWISE.

LEGEND:

EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE.

DEMOLITION ITEMS - DASHED LINE DENOTES ITEMS AND/OR APPROXIMATE AREAS TO BE REMOVED

KEYNOTES:

1. DEMO ENTIRE EXISTING 14" CONCRETE PAVING TO EXISTING SIDEWALK. EXISTING SIDEWALK TO REMAIN UNLESS NOTED OTHERWISE.
2. DEMO EXISTING 14" CONCRETE WALKWAYS.
3. SAW CUT AND DEMO PORTIONS OF DAMAGED EXISTING 14" CONCRETE SIDEWALK. EXISTING TREE AND ROOT SYSTEM TO REMAIN UNDISTURBED, CONTRACTOR TO PROTECT ROOT SYSTEM DURING DEMOLITION IN AREAS ADJACENT TO EXISTING TREE.
4. DEMO EXISTING STEEL FIRE ESCAPE AND ALL ASSOCIATED ATTACHMENTS, ANCHORS, AND FOOTINGS. SEE THE DEMOLITION PLANS AND BUILDING ELEVATIONS.
5. DEMO EXISTING CONCRETE STAIR, RETAINING WALL, AND WALKWAY. SEE THE BASEMENT DEMOLITION PLAN.
6. EXISTING TREES, SHRUBS, AND ASSOCIATED ROOT SYSTEMS TO BE REMOVED DURING DEMOLITION.
7. EXCAVATE AREA(S) ADJACENT TO EXISTING BUILDING FOR AREA WELLS, RAMPS, AND/OR EGRESS STAIR. SEE THE SITE PLAN, REFERENCE PLANS, CIVIL DRAWINGS, AND STRUCTURAL DRAWINGS.
8. NOT USED.
9. DEMO ROOFING ON SHED - REMOVE ALL EXISTING LAYERS OF SHINGLES DOWN TO DECKING. SEE THE REFERENCE PLANS AND BUILDING ELEVATIONS FOR ADDITIONAL INFORMATION.
10. NOT USED.
11. DEMO EXISTING 14" CONCRETE SLAB.
12. EXCAVATE AT SOUTHWEST CORNER OF SITE FOR NEW RAIN GARDEN. SEE THE CIVIL DRAWINGS.
13. NOT USED.
14. NOT USED.
15. NOT USED.
16. NOT USED.
17. DEMO EXISTING CONCRETE STAIR TREADS AND LANDING, ADJACENT HISTORIC CHEEK WALLS TO REMAIN IN-TACT. SEE THE SITE PLAN AND EXTERIOR STAIR DETAILS FOR ADDITIONAL INFORMATION.
18. DEMO EXISTING CONCRETE STAIR AND ASSOCIATED WALLS TO SUB BASEMENT, FIELD VERIFY.
19. DEMO EXISTING CURB AND ASPHALT FOR WATER LINE, SEE THE CIVIL DRAWINGS.
20. DEMO EXISTING 14" CONCRETE VALLEY PAN.

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline ARCHITECTS
Jim Cowan AIA
Box 2 Sundance, Crook County, Wyoming
307.283.3671 Fax
Jim@statelinearchitects.com

THESE DRAWINGS ARE THE EXCLUSIVE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE ARCHITECTS. COPYRIGHT ©

PROJECT NUMBER
16-022

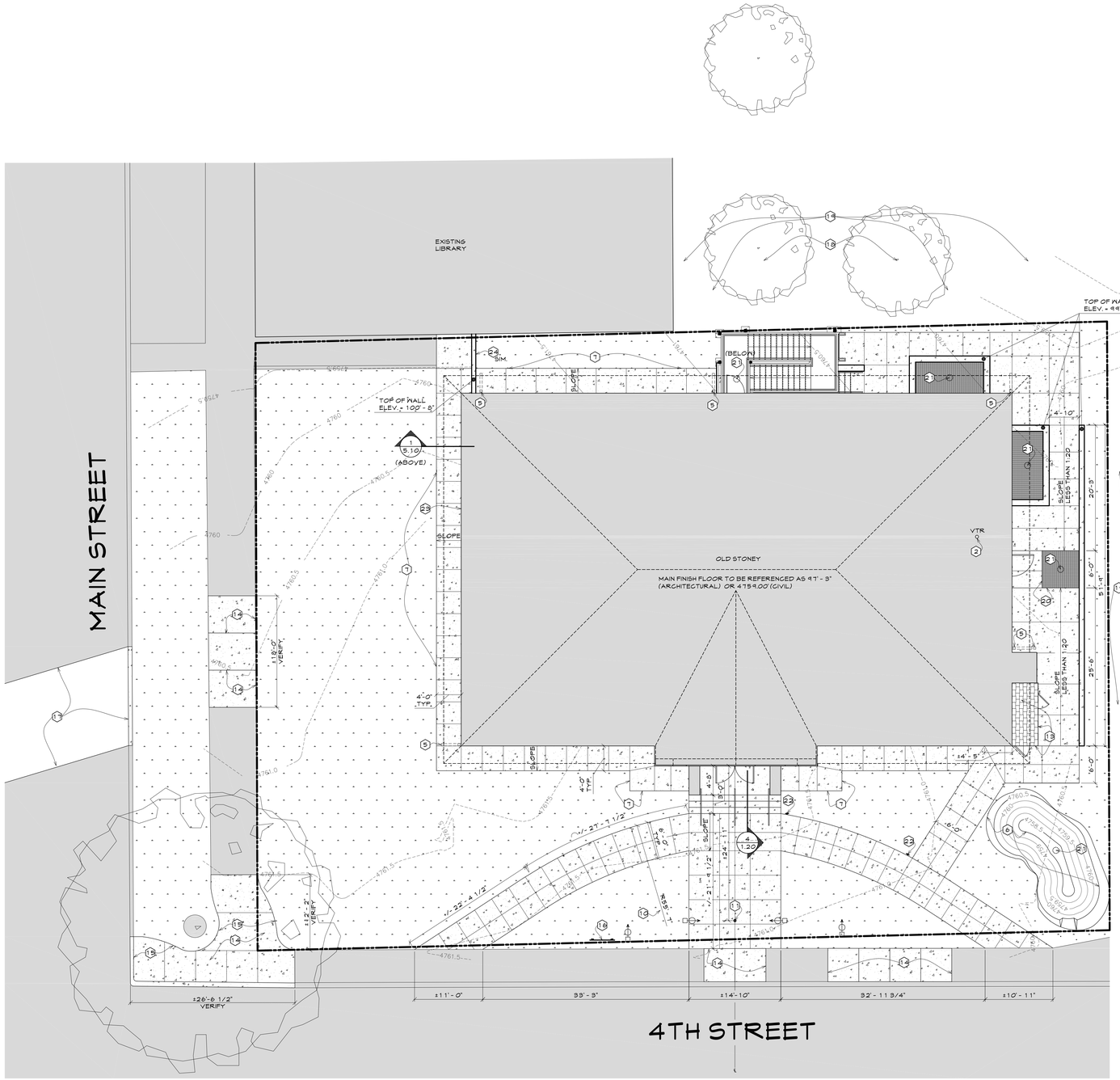
DATE
11-20-2017

DRAWN BY
K FOX

DISK ID.
16-022_X_ ARCHITECTURAL SITE PLAN.DWG

SHEET TITLE
DEMOLITION SITE PLAN

SHEET NUMBER
1.10



SITE PLAN

SCALE 1/8" = 1'-0"

GENERAL NOTES:

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. SEAL ALL ROOF PENETRATIONS WATERTIGHT PER ROOFING MANUFACTURER'S RECOMMENDATIONS.
3. ALL NEW PAVED AREAS SLOPE FOR POSITIVE DRAINAGE.
4. USE FIBER MESH REINFORCEMENT AT ALL EXTERIOR FLATWORK CONCRETE.
5. CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO ANY SITEWORK INSTALLATION, EXCAVATION, OR PLANTING OPERATIONS. ANY DAMAGE TO EXISTING UTILITIES ON SITE OR ADJACENT PROPERTY SHALL BE CONTRACTOR'S RESPONSIBILITIES.
6. ALL PLANT MATERIAL SHALL CONFORM TO THE CURRENT AMERICAN ASSOCIATION OF NURSERYMANS NATIONAL STANDARD SPECIFICATIONS, SEE CIVIL DRAWINGS FOR PLANT MATERIAL.
7. ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE PREPARED AND SEEDED OR SODDED AS SPECIFIED. A DISTURBED AREA SHALL BE WHERE CONSTRUCTION ACTIVITIES INCLUDING TRENCHING DEMOTION, EARTHWORK, MATERIAL STORAGE, STASING AND PARKING OR ANY OTHER FORM OF EXCAVATION, COMPACTION, OR TRAFFIC THAT RESULTS IN THE REMOVAL OR DISPLACEMENT OF EXISTING GROUNDCOVER OR GRADE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL OTHER CONTRACT DOCUMENTS TO DETERMINE FULL SCOPE OF POTENTIAL SITE DISTURBANCE TO BE RECLAIMED.
8. THE INSTALLATION OF LAWNS, PLANT MATERIAL, AND IRRIGATION SYSTEM SHALL BE PERFORMED BY ONE CONTRACTOR.
9. CONTRACTOR SHALL FURNISH REQUIRED PLANT MATERIALS, INCLUDING TREES, SHRUBS, GRASSES, AND PERENNIALS OF ALL DESCRIPTIONS, FOR THE PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATION.
10. IN THE EVENT OF A DISCREPANCY, NOTIFY THE ARCHITECT IMMEDIATELY.
11. NO TREES SHALL BE PLANTED CLOSER THAN 10' TO A FIRE HYDRANT, ADJUST LAYOUT IF NECESSARY.
12. NO TREE OR SHRUB SHALL BE PLANTED OVER OR WITHIN 5' LATERALLY FROM ANY UNDERGROUND UTILITIES.
13. NO SUBSTITUTIONS WILL BE ALLOWED WITHOUT WRITTEN CONSENT FROM THE ARCHITECT.
14. CONTRACTOR SHALL PROVIDE PLANTS FREE FROM INSECTS AND DISEASES, SUN-SCALD INJURIES, ABRASIONS OF THE BARK, OR OTHER OBJECTIONABLE BLEMISHES. WEAK AND/OR DISFIGURED PLANTS WILL NOT BE ACCEPTED.
15. CONTRACTOR SHALL PROVIDE FIELD GROWN NURSERY TREES, DUG WITH A BALL OF EARTH STILL INTACT IN WHICH THEY ARE GROWING, WRAPPED IN BURLAP OR OTHER SUITABLE MATERIAL TO COMPLETELY COVER THE ROOT BALL WITH A LACING OR OTHER BALL SUPPORTING DEVICE ON THE OUTSIDE TO HOLD THE BALL IN A FIRM, RIGID CONDITION.
16. CONTAINER GROWN PLANTS SHALL BE HEALTHY, VIGOROUS, AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE GROWN. THEY SHALL HAVE TOPS OF GOOD QUALITY AND BE IN A HEALTHY GROWING CONDITION. THE PLANTS SHALL HAVE A WELL ESTABLISHED ROOT SYSTEM REACHING THE SIDES OF THE CONTAINER TO MAINTAIN A FIRM ROOT BALL.
17. CONTRACTOR SHALL PROVIDE PLANT MATERIAL IN CONFORMANCE WITH STATE AND FEDERAL LAWS WITH RESPECT TO INSPECTION FOR PLANT DISEASE AND INFECTIONS.
18. CONTRACTOR SHALL PROVIDE INSPECTION CERTIFICATES REQUIRED BY LAW WITH EACH SHIPMENT, INVOICE, OR ORDER OF STOCK TO THE OWNER.
19. PLANT MATERIALS FOR THIS PROJECT ARE SUBJECT TO INSPECTION BEFORE, DURING, AND POST PLANTING. DAMAGED PLANT MATERIAL, CONTAINERS, OR LOOSE, TORN, AND BROKEN ROOT BALLS WILL NOT BE APPROVED AND WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE AND MUST BE REMOVED FROM THE STORAGE AREA OF PROJECT.
20. MAINTENANCE SERVICES TO BE PERFORMED BY THE CONTRACTOR. THE CONTRACTOR WILL BE EXPECTED TO FURNISH SERVICE AND MAINTENANCE OF ALL PANTED AREAS THROUGH FINAL COMPLETION OR PROJECT OR AS REQUIRED PER THE REQUIREMENTS OF THE PROJECT WARRANTY PERIOD.
21. ALL PLANT MATERIALS SHALL BE CERTIFIED BY THE STATE DEPARTMENT OF AGRICULTURE TO ASSURE THEM TO BE FREE OF DISEASE OR HAZARDOUS INSECTS.
22. ALL FERTILIZER SHALL BE DELIVERED IN WATERPROOF BAGS SHOWING WEIGHT, CHEMICAL ANALYSIS, AND THE NAME OF THE MANUFACTURER.
23. ALL PLANT MATERIAL SHALL BE DELIVERED TO THE SITE IN THEIR ORIGINAL CONTAINERS WITH ALL LABELS INTACT AND LEGIBLE.
24. CONTRACTOR WILL BE RESPONSIBLE TO PROTECT AND MAINTAIN PLANT LIFE DURING THE STORAGE PERIOD PRIOR TO PLANTING.
25. INSTALLATION OF PLANT LIFE WILL NOT BE PERMITTED WHEN THE AMBIENT TEMPERATURES MAY DROP BELOW 35° F OR RISE ABOVE 90° F.
26. CONTRACTOR TO PROVIDE A ONE YEAR WARRANTY. WARRANTY TO INCLUDE COVERAGE FOR ONE ENTIRE GROWING SEASON FOR ALL DEAD OR UNHEALTHY PLANTINGS. ALL REPLACEMENT PLANTS SHALL BE REQUIRED TO BE OF THE SAME SIZE AND SPECIES AS SPECIFIED IN THE PLANT SCHEDULE PLANTED IN THE FOLLOWING GROWING SEASON, WITH A NEW WARRANTY COMMENCING ON THE DATE OF PLACEMENT.
27. SOIL AMENDMENT MATERIALS:
    COMPOST SHALL BE "GLACIER GOLD", "SOIL PREP", OR AN APPROVED EQUAL.
    FERTILIZER SHALL BE 100% ORGANIC, TRANSPLANT ROOT STIMULATOR "BIOPLEX TRANSPLANT CONCENTRATE" OR APPROVED EQUAL.
28. WEED BARRIER FABRIC SHALL BE NOVEN POLYPROPYLENE FABRIC, 4.75 OZ SQ./YD. OR HEAVIER WITH METAL LANDSCAPE PINS. DO NOT INSTALL WEED BARRIER UNDER PERENNIALS AND GRASSES.
29. CONTRACTOR SHALL USE 1.5" DIA. ROUND POSTS WITH TAPERED END, 8' - 0" IN LENGTH OR DUCKBILL ANCHORS FOR TREE ANCHORING.
30. CONTRACTOR SHALL USE 3 ANCHORS FOR DECIDUOUS TREES, WITH WEBBING OR RUBBER TREE TIES MANUFACTURED SPECIFICALLY FOR USE ON TREES.
31. CONTRACTOR WILL BE RESPONSIBLE TO REMOVE ALL ANCHORING AT THE END OF ONE CONTINUOUS GROWING SEASON.
32. CONTRACTOR SHALL COORDINATE A COMPLETE IRRIGATION SYSTEM LAYOUT FOR ALL LAWN AREAS AND PLANTING AREAS (INCLUDING EXISTING PLANTINGS).
33. AREAS THAT ARE TOO SMALL TO BE DRILL SEEDED SHALL BE BROADCAST, RAKED IN, AND ROLLED.

LEGEND:

- EXISTING CONSTRUCTION/ITEMS TO REMAIN
- IRRIGATED LAWN AREA, SEE THE SPECIFICATIONS
- CONCRETE, SEE KEYNOTES AND STRUCTURAL DRAWINGS
- ASPHALT SHINGLES, SEE THE BUILDING ELEVATIONS
- STEEL BAR GRATING, SEE THE REFERENCE PLANS

KEYNOTES:

1. NOT USED.
2. VENT THROUGH ROOF, SEE THE MECHANICAL DRAWINGS. SEAL ALL ROOF PENETRATIONS WATER-TIGHT.
3. NOT USED.
4. NOT USED.
5. PROVIDE DOWNSPOUTS AS SHOWN ON BUILDING ELEVATIONS - PIPE DOWN TO GRADE AND COLLECT ALL WATER BENEATH GRADE. SEE THE CIVIL DRAWINGS. SNALE CONCRETE APRON AT DOWNSPOUTS TO COLLECT ALL WATER.
6. RAIN GARDEN - PIPE ALL DOWNSPOUT LINES TO THIS LOCATION. SEE THE CIVIL DRAWINGS FOR GRADING, GROUND COVER, AND PLANTINGS.
7. 4" CONCRETE APRON ON 4" COMPACTED GRAVEL, SLOPE FOR POSITIVE DRAINAGE.
8. NOT USED.
9. NOT USED.
10. CENTERLINE OF ARC IS CENTERED ON ENTRY STAIR, AND EXTENDS INTO 4TH STREET.
11. PROVIDE 35' FLAG POLE AND ASSOCIATED FLAG, CORDAGE, ETC. CENTER ON NEW WALKWAY AND LOCATE EAST OF EXISTING PROPERTY LINE. SEE DETAIL 1/1.20.
12. NOT USED.
13. REPLACE ROOFING ON EXISTING SHED. SEE THE SITE DEMO PLAN AND THE BUILDING ELEVATIONS.
14. REPLACE DEMO'D SIDEWALK WITH 4" CONCRETE ON 4" COMPACTED GRAVEL, FLUSH WITH EXISTING ADJACENT PAVING, TYP.
15. ROUTE NEW PAVEMENT AROUND EXISTING TREE AND ROOT SYSTEM AS INDICATED, FIELD VERIFY.
16. LOCATE CONSTRUCTION SIGN, SEE 1/0.00.
17. REPLACE ASPHALT AND CURB AT STREET FOR WATER LINE REPLACEMENT, SEE THE CIVIL DRAWINGS.
18. REPLACE ADJACENT LIBRARY'S TREES WITH SIMILAR SIZE AND TYPE AS NEEDED FOR SHORING AND EXCAVATION.
19. REPLACE ADJACENT PROPERTY OWNER'S LAWN IRRIGATION SYSTEM AND SOD AS NEEDED FOR SHORING AND EXCAVATION, VERIFY EXTENT.
20. GRATED LANDING, SEE 2/1.20.
21. DRYWELL, CONSTRUCT OF 12" DIAMETER HOLE, 20' BELOW SUB BASEMENT FINISH FLOOR, FILL WITH FREE DRAINING ROCK AND COVER WITH FILTER FABRIC.
22. A.D.A. ACCESSIBILITY SIGN, SEE 3/1.20.
23. APPROXIMATE LOCATION OF LAWN IRRIGATION STUB-OUT, SEE THE MECHANICAL DRAWINGS FOR EXACT LOCATION.
24. NEW CONCRETE RETAINING WALL, SEE 2/1.20 FOR SIMILAR CONSTRUCTION.

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline Architects
PO Box 1019
Sundance, Crook County, Wyoming 82729
307.283.3670 Fax
bill@statelinearchitects.com

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE ARCHITECTS. COPYRIGHT ©

PROJECT NUMBER
16-022

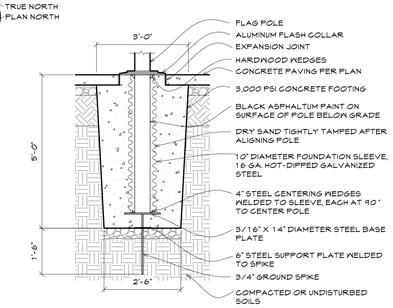
DATE
11-20-2017

DRAWN BY
K FOX

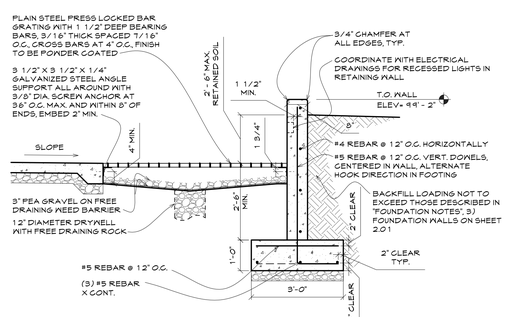
DISK ID.
16-022_X_ ARCHITECTURAL SITE PLAN.DWG

SHEET TITLE
ARCHITECTURAL SITE PLAN AND DETAILS

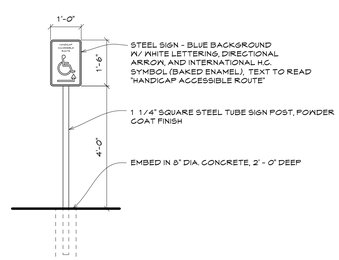
SHEET NUMBER
1.20



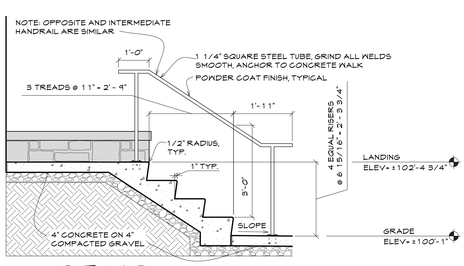
1 FLAG POLE BASE
SCALE 1/2" = 1'-0"



2 GRATED LANDING
SCALE 1/2" = 1'-0"



3 A.D.A. SIGN
SCALE 1/2" = 1'-0"



4 STAIR
SCALE 1/2" = 1'-0"

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
-	GRID LINES
X / XX	SECTION OR DETAIL CUT
	SHEET NUMBER
X / XX	ELEVATION CUT
	SHEET NUMBER
XXX'-XX"	ELEVATION CALLOUT
X	DRAWING REVISION NUMBER
	CURRENT REVISION CLOUD

SYMBOL	DESCRIPTION
XX.Xk	MECH UNIT (XX.Xk = MECH UNIT OPERATING WEIGHT IN KIPS INCLUDING INERTIA BASE)
X"	EXTENT OF CONCRETE PAD
	PAD THICKNESS
	CAST-IN-PLACE CONCRETE
SOGXX	SLAB TYPE
XXX'-XX"	SLAB THICKNESS
	T/SLAB
F1	FTG MARK (SF = STRIP FTG)
XX'-X"	T/FTG EL
CXX	COLUMN SIZE OR MARK
BP-X	BASE PLATE TYPE
WC#	WOOD COLUMN MARK (#), SEE 6/2.36
WB#	WOOD BEAM MARK (#), SEE 9/2.36

SYMBOL	DESCRIPTION
	SERVICE LOAD PROVIDED FOR SPECIALTY DESIGNER
	STEP
	SLOPE
1	KEY NOTE
	SUBGRADE
	FORM SAVER
	WELDED-WIRE REINFORCEMENT
	ROUGHENED SURFACE, INTENTIONALLY ROUGHEN TO 1/4" AMPLITUDE, UNO

SYMBOL	DESCRIPTION
	EXISTING WIDE LINE
	EXISTING MEDIUM LINE
	EXISTING THIN LINE
	EXISTING HIDDEN LINE
(E) TEXT	EXISTING TEXT
X'-XX" *	DIMENSIONS TO EXISTING STRUCTURE, FIELD VERIFY (ASTERIC)
X'-XX"	DIMENSIONS TO NEW STRUCTURE
	EXISTING FRAMING (HALFTONE)
	NEW FRAMING

NOTES:
1. ITEMS NOT DESIGNED BY M/M WYOMING ARE SHOWN HALFTONED,
2. ITEMS INCLUDE:
   - EXISTING CONSTRUCTION
   - PERFORMANCE SPECIFIED ITEMS
   - CONSTRUCTION SHORING (TEMPORARY)
   - CONSTRUCTION SOIL SHORING/AMENDMENT OF SUBGRADES (TEMPORARY)
   - SOIL SHORING/AMENDMENT OF SUBGRADES (PERMENANT)

ABBREVIATIONS

/	Per
@	At
AB	Anchor Bolt
ACI	American Concrete Institute
ADDNL	Additional
AESS	Architecturally Exposed Structural Steel
AFF	Above Finished Floor
ALT	Alternate
ALUM	Aluminum
APA	American Plywood Association
APPROX	Approximate
ARCH	Architect or Architectural
B/ or BO	Bottom of
BAL	Balance
BD	Board
BF	Braced Frame
BG	Backgouge
BL	Brick Ledge
BLDG	Building
BLKG	Blocking
BM	Beam
BN	Boundary Nail
BOS	Bottom of Steel
BOT or B	Bottom
BRG	Bearing
BSMT	Basement
BTWN	Between
CC	Center to Center
CF	Cold Formed
CG	Center of Gravity
CIP	Cast-In-Place
CJ	Control Joint
CJP	Complete Joint Penetration
CL	Centerline
CLG	Ceiling
CLMS	Ceiling/ Light/ Mechanical/ Superimposed Load
CLR	Clear
CMU	Concrete Masonry Unit
COL	Column
CONC	Concrete
CONN	Connection
CONST	Construction
CONT	Continue or Continuous
CONTR	Contractor
COORD	Coordinate
CSJ	Construction Joint
CTR(D)	Center(ed)
d	Penny
D or DL	Dead Load
DAS	Deformed Anchor Stud
DBL	Double
DCW	Demand Critical Weld
DFS	Deferred Submittal
Di	Gravity Ice Load
DIA or Ø	Diameter
DIAG	Diagonal
DIM	Dimension
DN	Down
DO	Ditto
DP	Drilled Pier or Deep
DT	Precast Double Tee
DTL(s)	Detail(s)
DWG(s)	Drawing(s)
DWL(s)	Dowels(s)

(E) or EXIST	Existing
E	Earthquake Load
E-W	East-West
EA	Each
EC	Epoxy Coated
EE	Each End
EF	Each Face
EJ	Expansion Joint
EL	Elevation
ELEV	Elevator
EMBED	Embedded
EN	Edge Nail
ENGR	Engineer
EOR	Engineer-of-Record
EQ	Equal
EQ SP	Equally Spaced
EQUIP	Equipment
ES	Each Side
EW	Each Way
EXP	Expansion
EXP ANCH	Expansion Anchor
EXT	Exterior
F	Fluid Load
Fa	Flood Load
FAB	Fabricate
FD	Footing Dowel
FF	Finished Floor
FIN	Finish(ed)
FLG	Flange
FLR	Floor
FND	Foundation
FO	Face of
FP	Full Penetration or Fire Proofing
FRAM	Framing
FS	Far Side
FT	Foot or Feet
FTG	Footing
FV	Field Verify
GA	Gage or Gauge
GALV	Galvanized
GC	General Contractor
GL	Glu-lam
GR	Grade or Grind
GR BM	Grade Beam
H	Soil Lateral Load
HAS or HDAS	Headed Anchor Stud
HD	Headed or Holdown
HDAR	Headed Anchor Rod
HDG	Hot Dipped Galvanized
HK	Hook
HORIZ	Horizontal
HT	Height
HVAC	Heating-Ventilating and A/C
I.F.	Inside Face
ID	Inside Diameter
IN	Inch
INT	Interior
IT	Precast Inverted Tee Beam
JST	Joist
JT	Joint
k	Kip

L	Length or Live Load
LB	Precast L-Shaped Beam
LB(S)	Pound(s)
LCE	Compression Embedment
LCS	Compression Lap Splice
LDH	Hook Development Length
LG	Length
LL	Live Load
LLH	Long Leg Horizontal
LLV	Long Leg Vertical
LOC(s)	Location(s) or Locate
LONG	Longitudinal
Lr	Roof Live Load
LSL	Laminated Strand Lumber
LT	Light
LTE	Tension Embedment
LTS	Tension Lap Splice Length
LTWT	Lightweight
LVL	Level or Laminated Veneer Lumber
LWC	Light Weight Concrete
MACH	Machine
MACH RM	Machine Room
MAS	Masonry
MATL	Material
MAX	Maximum
MBS	Metal Building Supplier
MCJ	Masonry Control Joint
MECH	Mechanical
MEP	Mech/Elect/Plumb
MIN	Minimum
MISC	Miscellaneous
MIL	Micro-Lam
MLS	Masonry Lap Splice
mm	Millimeter
MNFR	Manufacturer
MO	Masonry Opening
MTL	Metal
N	North
N-S	North-South
NIC	Not in Contract
NM	Non-Metallic
NO or #	Number
NOM	Nominal
NS	Non-Shrink or Near Side
NTS	Not To Scale
NWC	Normal Weight Concrete
O.F.	Outside Face
OAE	Or Approved Equivalent
OC	On Center
OD	Outside Diameter
OH	Opposite Hand
OPNG	Opening
OPP	Opposite
OVS	Oversized
OWS	One-Way Slab
PAF	Power Actuated Fastener
PC	Precast
PCA	Portland Cement Association
PD	Pier Dowel
PEN	Penetration
PERP	Perpendicular
PL	Plate (Steel)
PLF	Pounds Per Lineal Foot
PREFAB	Prefabricated
PRELIM	Preliminary
PS	Prestressed
PSF	Pounds Per Square Foot
PSI	Pounds Per Square Inch
PT	Point or Post-Tension or Pretensioned

QTY	Quantity
R	Radius or Rain Load
RAD	Radius
RB	Precast Rectangular Beam
RC	Reinforced Concrete
RE: or REF	Refer to (Reference)
REINF	Reinforce(ing)(d)(ment)
REQD	Required
REQT(s)	Requirement(s)
RET	Return
RO	Rough Opening
ROF	Random Oriented Fiber
(S)	Salvaged
S	South
SC	Slip Critical
SCHED	Schedule
SECT	Section
SIM	Similar
SL	Snow Load
SLH	Short Leg Horizontal
SLRS	Seismic Load Resisting System
SLV	Short Leg Vertical
SOG	Slab on Grade
SP	Space(s)
SP @	Space at
SPECS	Specifications
SPRT	Support
SS	Stainless Steel
STD	Standard
STIFF	Stiffener
STL	Steel
STR	Structural
SW	Shearwall
SYM	Symmetrical
T	Top or Thermal Load
T&B	Top and Bottom
T/ or T.O	Top of
THK	Thick or Thickness
TL	Total Load
TOC	Top of Concrete
TOF	Top of Footing
TOM	Top of Masonry
TOP	Topping
TOS	Top of Steel
TOW	Top of Wall
TRANS	Transverse
TWS	Two-Way Slab
TYP	Typical
ULT	Ultimate
UNO	Unless Noted Otherwise
Vasd	Service Level/ Nominal Design Wind Speed
VERT	Vertical
VIF	Verify in Field
Vult	Ultimate Design Wind Speed
W	Wind Load
W/	With
W/O	Without
WD	Width or Wood
WF	Wide Flange
Wi	Wind-on-Ice Load
WP	Working Point or Waterproofing
WT	Weight
WWR	Welded Wire Reinforcing
WxH	Width x Height

FOUNDATION NOTES

1) DESIGN CRITERIA:
1A) THE SOIL PARAMETERS USED IN DESIGN ARE FROM IBC 2015 TABLES 1806.2, WHICH ARE SPECIFIED BELOW.

2) FOOTINGS:
2A) CONTRACTOR TO ENGAGE GEOTECHNICAL ENGINEER TO VERIFY SOIL PARAMETERS USED IN DESIGN. SEE ARCHITECTURAL SPECIFICATIONS.

2B) FOOTING DESIGN CRITERIA:
- MAXIMUM TOTAL LOAD BEARING PRESSURE = 2000 PSF
- ULTIMATE COEFFICIENT OF FRICTION TO RESIST LATERAL LOADS = 0.30
- FROST DEPTH TO BOTTOM OF FOUNDATION = 42 IN

3) FOUNDATION WALLS:
3A) EQUIVALENT FLUID PRESSURES USED FOR WALL DESIGN:
- "ACTIVE" CONDITION = 45 PCF
- "AT REST" CONDITION = 60 PCF
- "PASSIVE" CONDITION = 200 PCF
- LATERAL PRESSURE DUE TO SURCHARGE = 5100 PLF AT NEW SUB-BASEMENT FND WALL
- ULTIMATE COEFFICIENT OF FRICTION TO RESIST LATERAL LOADS = 0.30

3B) BACKFILL MATERIAL ADJACENT TO FOUNDATION WALLS SHALL NOT IMPOSE GREATER LOADS THAN THOSE SHOWN ABOVE, WHICH WERE USED IN THE FOUNDATION WALL DESIGNS.

4) EXCAVATION:
4A) GEOTECHNICAL ENGINEER TO PROVIDE SOIL AMMENDMENTS AND/OR SHORING RECOMMENDATIONS AS REQUIRED TO STABALIZE SOILS UNDER AND ADJACENT TO EXISTING FOUNDATION ELEMENTS IN TEMPORARY AND PERMANENT CONDITIONS.

4B) DO NOT UNDERMINE EXISTING FOUNDATIONS.

POST-INSTALLED ANCHOR NOTES

1) PERSONNEL REQUIREMENTS:
1A) THE CONTRACTOR SHALL ARRANGE AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ONSITE INSTALLATION TRAINING FOR ALL OF THEIR ANCHORING PRODUCTS SPECIFIED. SUBMIT DOCUMENTED CONFIRMATION THAT ALL OF THE CONTRACTOR'S PERSONNEL WHO INSTALL ANCHORS HAVE PASSED THE TRAINING COURSE PRIOR TO THE COMMENCEMENT OF INSTALLING ANCHORS.

1B) PERSONNEL WHO WILL INSTALL HORIZONTAL OR UPWARDLY INCLINED ADHESIVE ANCHORS IN CONCRETE THAT SUPPORT SUSTAINED TENSION LOADS SHALL BE CERTIFIED BY THE ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM. THESE ANCHORS ARE DESIGNATED WITH A (CERT) AFTER THE ANCHOR CALL OUT. SUBMIT DOCUMENTED CONFIRMATION THAT PERSONNEL HAVE PASSED THE TRAINING COURSE PRIOR TO THE COMMENCEMENT OF INSTALLING ANCHORS.

2) INSTALLATION REQUIREMENTS:
2A) ALL POST-INSTALLED ANCHORS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS AND PER MANUFACTURER'S ON-SITE TRAINING.

2B) ALL ADHESIVE ANCHORS AND ADHESIVE ANCHORED REINFORCEMENT DESIGNS ARE FOR INSTALLATION IN THE FOLLOWING CONDITIONS, UNLESS NOTED OTHERWISE. WRITTEN APPROVAL MUST BE RECEIVED FROM ENGINEER PRIOR TO INSTALLATION IN ALTERNATE CONDITIONS.
- DRY CONCRETE, UNLESS NOTED OTHERWISE.
- CONCRETE TEMPERATURE AT TIME OF INSTALLATION THROUGH CURE TIME MUST BE WITHIN THE TEMPERATURE RANGE SPECIFIED IN MANUFACTURER'S PRINTED INSTALLATION INSTRUCTION FOR ADHESIVE GEL AND CURE TIMES.
- ANCHOR HOLES TO BE HAMMER DRILLED AND CLEANED.
- CONCRETE MUST BE AT LEAST 21 DAYS OLD BEFORE INSTALLATION OF ANCHORS.
- HOLES TO BE CLEANED AND PREPARED IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS AND EVALUATION REPORT PRIOR TO ADHESIVE INJECTION.

2C) THE POSITION OF EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE SHALL BE LOCATED PRIOR TO INSTALLING POST INSTALLED ANCHORS OR REINFORCEMENT. EXISTING REINFORCEMENT SHALL BE LOCATED USING A SCANNER, GPR, X-RAY, CHIPPING OR OTHER MEANS. DO NOT DAMAGE OR CUT EXISTING REINFORCEMENT.

3) SUBSTITUTION REQUESTS:
3A) SUBSTITUTION REQUESTS FOR ALTERNATE PRODUCTS MUST BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER PRIOR TO USE. CONTRACTOR SHALL PROVIDE CALCULATIONS AND PRODUCT DATA DEMONSTRATING THAT THE SUBSTITUTED PRODUCT IS IN COMPLIANCE WITH THE RELEVANT BUILDING CODES, LOAD RESISTANCE, INSTALLATION CATEGORY, CREEP APPROVAL, IN-SERVICE TEMPERATURE AND INSTALLATION TEMPERATURE OF THE SPECIFIED PRODUCT.

POST-INSTALLED ANCHOR TABLE

ANCHOR TYPE	PRODUCT	Fy (KSI)	Fu (KSI)	COMMENT
ADHESIVE (IN CONCRETE)	HILTI HIT-HY 200	-	-	SUBMIT CALCULATIONS FOR SUBSTITUTIONS
ADHESIVE (IN CONCRETE W/>12" EMBEDMENT)	HILTI HIT-RE 500 V3	-	-	SUBMIT CALCULATIONS FOR SUBSTITUTIONS
ADHESIVE (IN GROUTED OR HOLLOW MASONRY)	SIMPSON SET HILTI HIT-HY 70	-	-	SUBMIT CALCULATIONS FOR SUBSTITUTIONS
ADHESIVE ANCHOR RODS	-	36 MIN	58 MIN	THREADED ROD, UNGREASED
EXPANSION ANCHORS (IN CONCRETE)	SIMPSON STRONG BOLT HILTI KWIK BOLT TZ	-	-	SUBMIT CALCULATIONS FOR SUBSTITUTIONS
EXPANSION ANCHORS (IN GROUTED MASONRY)	SIMPSON WEDGE-ALL HILTI KWIK BOLT 3	-	-	SUBMIT CALCULATIONS FOR SUBSTITUTIONS
SCREW ANCHORS	SIMPSON TITEN HD HILTI KWIK HUS-EZ	-	-	SUBMIT CALCULATIONS FOR SUBSTITUTIONS

DEFERRED SUBMITTALS

1) GENERAL:
1A) THE FOLLOWING PORTIONS OF THE STRUCTURAL DESIGN WILL NOT BE SUBMITTED AT THE TIME OF PERMIT APPLICATION. WHEN RECEIVED AND REVIEWED, THESE DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL BY THE CONTRACTOR:
- EXCAVATION SHORING
- HELICAL PIERS
- PILES
- METAL RAILINGS
- ANCHORAGE, BRACING AND ATTACHMENT OF REQUIRED ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE SPRINKLER, AND OTHER EQUIPMENT AND SYSTEMS.
- PERMANENT EARTH SHORING SYSTEMS

1B) LOADING AND LOCATION FOR ATTACHMENT OF DEFERRED SUBMITTAL ITEMS ARE NOTED ON DRAWINGS AND ARE NOT TO BE RE-LOCATED OR INCREASED WITHOUT WRITTEN APPROVAL.

1C) SUBMIT STAMPED STRUCTURAL CALCULATIONS FOR ALL DEFERRED SUBMITTAL ITEMS PRIOR TO OR CONCURRENTLY WITH DRAWINGS OR PRODUCT DATA. INCLUDE ANALYSIS OF ATTACHMENT TO PRIMARY STRUCTURE. INCLUDE CURRENT ICC REPORT WITH ALL PROPRIETARY STRUCTURAL ELEMENTS AND ANCHORS/FASTENERS.

1D) POWDER ACTUATED FASTENERS (PAF) SHALL NOT BE USED TO RESIST TENSION LOADS. POWDER ACTUATED FASTENERS SHALL NOT BE USED TO RESIST GRAVITY LOADS WHICH INCLUDE BRICK VENEER.

STRUCTURAL DRAWING LIST

SHEET NUMBER	SHEET TITLE
2.01	NOTES
2.02	NOTES
2.03	QUALITY ASSURANCE
2.10	SUB-BASEMENT
2.11	BASEMENT
2.12	FIRST FLOOR
2.13	SECOND FLOOR
2.14	ROOF FRAMING & ATTIC FRAMING
2.30	CONCRETE DETAILS
2.31	SUB-BASEMENT DETAILS
2.32	BASEMENT & UPPER FLOOR DETAILS
2.33	ELEVATOR PIT DETAILS
2.34	ELEVATOR & RETRO-FIT LINTEL DETAILS
2.35	STAIR DETAILS
2.36	WOOD & ROOF DETAILS

DESIGN CRITERIA

1) CODES AND STANDARDS:
1A) GENERAL DESIGN
- INTERNATIONAL BUILDING CODE 2015

1B) LOADS
- ASCE/SEI 7-10 "MINIMUM DESIGN LOAD FOR BUILDINGS AND OTHER STRUCTURES" WHERE INDICATED ON DRAWINGS INDIVIDUAL UNFACTORED LOAD COMPONENTS (D, Di, L, Lr, R, S, H, F, Fa, E, W, Wi, T) ARE AS DEFINED AND DETERMINED BY THE BUILDING CODES AND STANDARDS INDICATED. LOAD COMPONENTS SHALL BE COMBINED USING THE LOAD COMBINATIONS OF THE BUILDING CODE FOR SPECIALTY DESIGN BY OTHERS.

1C) CONCRETE
- ACI 301-10 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS"
- ACI 318-11 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE"

1D) STEEL
- ANSI/AISC 341-10 "SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS"
- ANSI/AISC 360-10 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" LOAD AND RESISTANCE FACTOR DESIGN

2) SEISMIC LOADS
- SEISMIC DESIGN CATEGORY = B
- RISK CATEGORY = II
- EARTHQUAKE IMPORTANCE FACTOR, Ie = 1.00
- MAPPED SPECTRAL RESPONSE ACCELERATION, Ss = 17.80 %g
- MAPPED SPECTRAL RESPONSE ACCELERATION, S1 = 7.40 %g
- DESIGN SPECTRAL RESPONSE COEFFICIENT, SDs = 0.190
- DESIGN SPECTRAL RESPONSE COEFFICIENT, SD1 = 0.118
- SOIL SITE CLASS = D

3) WIND LOADS
- RISK CATEGORY = II
- BASIC ULTIMATE WIND SPEED, Vult = 120 mph
- BASIC NOMINAL WIND SPEED, Vasd = 93 mph
- EXPOSURE CATEGORY = B
- INTERNAL PRESSURE COEFFICIENT, Gcpi = +/-0.18
- TOPOGRAPHIC FACTOR, Kzt = 1.0

4) DESIGN WIND PRESSURE FOR COMPONENTS AND CLADDING AND ELEMENTS DESIGNED BY THE CONTRACTOR
4A) PRESSURES LISTED BELOW ARE ULTIMATE
4B) FINAL CALCULATIONS TO BE COMPLETED BY CONTRACTOR
4C) SEE 'WALL CORNER AND SPECIAL ROOF ZONES DIAGRAM'
4D) COMPONENT AND CLADDING SURFACE PRESSURES (PSF)

- **WALLS PRESSURES**

WALLS AREA	10 SF	100 SF	500 SF
WALLS INTERIOR NEG (ZONE 4)	-43.1	-37.2	-33.0
WALLS CORNER NEG (ZONE 5)	-53.2	-41.3	-33.0
WALLS POSITIVE ZONE 4 & 5	39.7	33.8	29.6

- **ROOF PRESSURES**

ROOF AREA	10 SF	50 SF	100 SF
ROOF INTERIOR NEG (ZONE 1)	-39.7	-35.0	-33.0
- NET UPLIFT FOR JOIST DESIGN UNO			
ROOF NEGATIVE (ZONE 2)	-46.5	-41.8	-39.7
- EAVES, RAKES, RIDGES			
ROOF CORNERS NEG (ZONE 3)	-46.5	-41.8	-39.7
ROOF POSITIVE ALL ZONES	36.4	34.0	33.0

5) GRAVITY LOADS
5A) SEE GRAVITY LOADS TABLE SEE LOAD KEY SHEETS FOR SUPERIMPOSED DEAD LOAD AND LIVE LOADS USED IN DESIGN

5B) DRIFTING, SLIDING AND UNBALANCED SNOW
- GROUND SNOW LOAD = 43.0 psf
- SNOW EXPOSURE FACTOR, Ce = 1.0
- SNOW LOAD IMPORTANCE FACTOR, Is = 1.0
- THERMAL FACTOR, Ct = 1.00

GRAVITY LOADS

LOCATION	SUPERIMPOSED DEAD LOAD (PSF)	LIVE LOAD (PSF)	LIVE LOAD REDUCTION	PARTITION LOAD (PSF)	POINT LOAD (LB)
ROOF	15	20 MIN UNIFORM LOAD, SEE NOTE 5 FOR SNOW LOADS	NO	--	300
GALLERIES/DISPLAY AREAS	10	100	YES	--	2000
ASSEMBLY AREAS, AUTIDTORIUM, LOBBIES	10	100	NO	--	2000
OFFICE	10	50	YES	15	2000
STAGE	10	150	YES	--	2000
TABLE & STAIR STORAGE	10	150	YES	--	--
GIFT SHOP	10	100	YES	--	2000
MECHANICAL	10	75 + EQUIP BUT NOT LESS THAN 150	NO	--	--

GENERAL NOTES

1) GENERAL:
1A) ENGINEER: REFERENCES ON THE STRUCTURAL DRAWINGS TO 'ENGINEER' MEAN THE STRUCTURAL ENGINEER OF RECORD. OTHER ENTITIES ARE SPECIFICALLY NOTED AS "CONTRACTOR'S ENGINEER", "MECHANICAL ENGINEER", ETC.

1B) THESE NOTES SUPPLEMENT THE SPECIFICATIONS, WHICH SHALL BE REFERENCED FOR ADDITIONAL REQUIREMENTS.

1C) UNDERGROUND UTILITIES: LOCATE EXISTING UTILITIES AND NOTIFY ARCHITECT OF EXISTING UTILITIES OR SUBGRADE CONDITIONS WHICH INTERFERE WITH WORK.

1D) STRUCTURAL ELEMENTS ARE CENTERED ON GRID LINES AND GRID LINE INTERSECTIONS UNLESS DIMENSIONED OTHERWISE.

2) EXISTING STRUCTURES:
2A) CONTRACT DOCUMENTS HAVE BEEN PREPARED USING AVAILABLE DRAWINGS AND SITE OBSERVATION AS PERMITTED BY ACCESS RESTRICTIONS DURING DESIGN.

2B) DURING CONSTRUCTION, THE CONTRACTOR MAY ENCOUNTER EXISTING CONDITIONS WHICH ARE NOT NOW KNOWN OR ARE AT VARIANCE WITH PROJECT DOCUMENTATION. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ALL CONDITIONS NOT PER THE CONTRACT DOCUMENTS. EXAMPLES INCLUDE:
- SIZES OR DIMENSIONS OTHER THAN THOSE SHOWN
- DAMAGE OR DETERIORATION TO MATERIALS AND COMPONENTS
- CONDITIONS OF INSTABILITY OR LACK OF SUPPORT
- ITEMS NOTED AS EXISTING ON THE DRAWINGS BUT NOT FOUND IN THE FIELD

2C) PREPARE DIMENSIONAL DRAWINGS OF ALL DISCOVERED ITEMS.

2D) CONTRACTOR SHALL FIELD VERIFY ALL EXISTING STRUCTURAL CONDITIONS PRIOR TO SUBMITTING SHOP DRAWINGS.

2E) CONTRACTOR SHALL MAKE ALLOWANCE FOR THE RESOLUTION OF SUCH DISCOVERIES IN THE CONSTRUCTION SCHEDULE.

2F) SUBMIT A DIMENSIONED DRAWING OF ALL NEW OPENINGS THROUGH EXISTING STRUCTURE AND SECURE APPROVAL PRIOR TO CUTTING. DRAWING SHALL SHOW VERTICAL & HORIZONTAL LOCATION AND SIZE OF PROPOSED OPENING.

3) USE OF DRAWINGS:
3A) DO NOT SCALE DRAWINGS.

3B) WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL NOTES AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN. DETAILS ON DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. DETAILS NOTED TYPICAL APPLY TO ALL SIMILAR CONDITIONS. WHERE NO SPECIFIC DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ELSEWHERE ON THE PROJECT.

4) TEMPORARY CONDITIONS:
4A) THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES. REFER TO "LATERAL LOAD RESISTING SYSTEM DESCRIPTION" IN DESIGN CRITERIA FOR ADDITIONAL INFORMATION.

4B) CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD.

4C) FOUNDATIONS AND STRUCTURAL ELEMENTS ADJACENT TO NEW WORK SHALL BE STABILIZED BY CONTRACTOR PRIOR TO THE DISTURBING EXISTING SOILS OR AS RECOMMENDED BY THE GEOTECHINAL ENGINEER. HAND TOOLS AND LIMITED VIBRATION ADJACENT TO EXISTING STRUCTURES IS RECOMMENDED.

4D) TEMPORARY SHORING LOADS ARE BASED ON ESTIMATED SELF WEIGHTS OF 10 PSF, CONSTRUCTION LIVE LOADS OF 20 PSF, AND GROUND SNOW LOADS OF 30 PSF. IF THESE LOADS ARE EXCEEDED, SHORING SHALL BE DESIGNED TO ACCOMODATE ACCORDINGLY.

5) SUBMITTALS AND SUBSTITUTIONS:
5A) SUBMITTALS: REFER TO SPECIFICATIONS FOR DETAILED REQUIREMENTS.
- IF THE CONTRACTOR REQUESTS A CHANGE FROM THE STRUCTURAL DRAWINGS, IT SHALL BE APPROVED BY THE ARCHITECT AND DESIGNED BY MARTIN/MARTIN WYOMING, INC. PRIOR TO SUBMITTING SHOP DRAWINGS. VARIATION SHALL BE INDICATED ON THE SHOP DRAWINGS. CONTRACTOR SHALL COMPENSATE MARTIN/MARTIN WYOMING, INC. FOR MAKING THE CHANGE.
- CONSTRUCTION DOCUMENTS SHALL NOT BE REPRODUCED FOR USE IN SUBMITTALS
- ALL SHOP DRAWINGS SHALL REFERENCE THE STRUCTURAL DRAWING NUMBER AND DETAIL USED TO PREPARE THE SUBMITTAL
- SUBMIT A STATEMENT OF RESPONSIBILITY FOR CONSTRUCTION OF THE LATERAL LOAD RESISTING SYSTEM IDENTIFIED IN THE DESIGN CRITERIA IN ACCORDANCE WITH IBC 2015 SECTION 1704

5B) SUBSTITUTIONS: ARCHITECTS APPROVAL SHALL BE SECURED FOR ALL SUBSTITUTIONS

5C) NONCONFORMANCE: NOTIFY ARCHITECT OF CONDITIONS NOT CONSTRUCTED PER THE CONTRACT DOCUMENTS PRIOR TO PROCEEDING WITH CORRECTIVE WORK. SUBMIT PROPOSED REPAIR TO THE ARCHITECT FOR ACCEPTANCE. CONTRACTOR SHALL COMPENSATE MARTIN/MARTIN WYOMING, INC. FOR DESIGNING THE REPAIR.

5D) ALL SHOP DRAWINGS SHALL BE SUBMITTED IN 24x36, 11x17 AND 8-1/2x11 FORMAT ONLY.

5E) ALL SHOP DRAWINGS SHALL BE SUBMITTED IN ELECTRONIC FORMAT ONLY.

6) OSHA STANDARDS:
6A) THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. NOTHING SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE CONSTRUED AS ELIMINATING THE NEED FOR THE CONTRACTOR TO COMPLY WITH ALL OSHA REQUIREMENTS.

6B) THE CONTRACTOR SHALL ADD ALL NECESSARY BOLTS, ANCHOR BOLTS, PLATES, STIFFENER PLATES, STABILIZER PLATES, BRIDGING, BRACING, BEARING SEATS, COLUMN SPLICES, ETC., AS WELL AS CLOSURES FOR OPENINGS. IN ADDITION, FIELD WELD ANYTHING THAT MAY BE CONSIDERED A TRIP HAZARD, SUCH AS SHEAR STUDS, AFTER PROTECTIVE DECKING IS INSTALLED.

6C) WASHERS OR RINGS MAY BE WELDED TO COLUMNS TO PROVIDE FOR SAFETY CABLES. HOLES IN COLUMNS FOR SAFETY CABLES SHALL BE SHOP INSTALLED, AND SHALL BE INDICATED ON SHOP DRAWINGS. ADJUST COLUMN SPLICE LOCATIONS OR ADD COLUMN SPLICES AS NECESSARY TO COMPLY WITH OSHA REQUIREMENTS. SUBMIT PROPOSED LOCATIONS.

6D) ALL METAL JOISTS REQUIRED BY OSHA TO BE BOLTED SHALL HAVE ERECTION BOLTS INSTALLED REGARDLESS OF FINAL CONNECTION SHOWN ON THE STRUCTURAL DRAWINGS.

6E) WHERE THE STRUCTURAL DRAWINGS APPEAR TO CONFLICT WITH OSHA REQUIREMENTS, THE STRUCTURAL DRAWINGS REPRESENT FINAL CONDITIONS ONLY. THE CONTRACTOR SHALL ADD ALL ERECTION FRAMING NECESSARY TO COMPLY WITH OSHA.

7) CONSTRUCTION ENGINEERING:
7A) THE STRUCTURE DEFINED ON THE CONTRACT DOCUMENTS HAS BEEN DESIGNED ONLY FOR LOADS ANTICIPATED ON THE STRUCTURE DURING ITS SERVICE LIFE. PROVIDE ALL REQUIRED ENGINEERING AND OTHER MEASURES TO ACHIEVE THE MEANS, METHODS, AND SEQUENCES OF WORK. SUCH ENGINEERING MAY INCLUDE, BUT IS NOT LIMITED TO:
- LAYOUT
- DESIGN FOR FORMWORK, SHORING, AND RESHORING
- DESIGN OF CONCRETE MIXES
- ERECTION PROCEDURES WHICH ADDRESS STABILITY OF THE FRAME DURING CONSTRUCTION
- WELD PROCEDURES
- DESIGN OF TEMPORARY BRACING OF WALLS FOR WIND, SEISMIC, OR SOIL LOADS
- SURVEYING TO VERIFY CONSTRUCTION TOLERANCES
- EVALUATION OF TEMPORARY CONSTRUCTION LOADS ON STRUCTURE DUE TO EQUIPMENT AND MATERIALS
- STRUCTURAL ENGINEERING TO RESIST ANY OTHER LOADS NOT IDENTIFIED ON DESIGN DRAWINGS

8) COORDINATION:
8A) STRUCTURAL DRAWINGS ARE NOT STAND-ALONE DOCUMENTS AND ARE INTENDED TO BE USED IN CONJUNCTION WITH CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND DRAWINGS FROM OTHER DISCIPLINES. THE CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS INTO SHOP DRAWINGS AND WORK.

8B) COORDINATE DIMENSIONS OF ALL OPENINGS, BLOCKOUTS, DEPRESSIONS, ETC., WITH ARCHITECTURAL DRAWINGS, DRAWINGS FROM OTHER DISCIPLINES, AND FIELD CONDITIONS PRIOR TO SHOP DRAWING SUBMITTAL.

8C) SEE ARCHITECTURAL PLANS FOR INTERIOR PARTITIONS. PARTITION FRAMING SHALL BE CONNECTED TO THE PRIMARY STRUCTURE IN SUCH A WAY SO AS TO ALLOW FOR VERTICAL LIVE LOAD DEFLECTIONS OF SPAN/360 OF THE FLOOR FRAMING. DO NOT MAKE RIGID VERTICAL AND HORIZONT

WOOD NOTES

1) LAMINATED MEMBER SIZES:
1A) LVL, PSL, LSL AND OTHER FABRICATED MEMBERS (TJI) SIZES SHOWN ARE NET. OTHER MEMBER SIZES ARE NOMINAL.

2) FRAMING LUMBER:
2A) DRY (19% MAXIMUM MOISTURE CONTENT AT THE TIME OF INSTALLATION), HEM-FIR WITH MINIMUM DESIGN VALUES BASED ON THE 2012 NDS. SEE 'FRAMING LUMBER TABLE' FOR MINIMUM GRADES.

2B) BEAMS AND STRINGERS USED WITH CANTILEVERS OR CONTINUOUS SPANS SHALL BE GRADED TO PROVIDE THE SPECIFIED ALLOWABLE STRESSES OVER THE ENTIRE MEMBER LENGTH.

2C) ALL NEW NOMINAL LUMBER SHALL BE CONSIDERED HEM-FIR UNLESS NOTED OTHERWISE.

3) FABRICATED LUMBER:
3A) FABRICATED LUMBER DESIGNATIONS ARE THOSE MANUFACTURED BY WEYERHAEUSER COMPANY.

3B) FABRICATED LUMBER IS DESIGNATED ON THE DRAWINGS AS ONE OF THE FOLLOWING: TJI JOISTS, MICROLLAM (LVL), PARALLAM (PSL), TIMBERSTRAND (LSL) OR RIMBOARD.

3C) THE MANUFACTURER SHALL PROVIDE WEB STIFFENERS ON I-JOISTS, END BLOCKING, BRIDGING, AND ERECTION BRACING AS REQUIRED. SEE "DESIGN CRITERIA" FOR DESIGN DEAD AND LIVE LOADS.

3D) FABRICATED LUMBER SHALL BE DRY.

3E) SEE 'FABRICATED LUMBER TABLE' FOR MINIMUM PROPERTIES (AT NORMAL LOAD DURATIONS).

3F) FABRICATED RIMBOARD SHALL BE LAMINATED STRAND LUMBER.

3G) SEE 'RIMBOARD TABLE' FOR MINIMUM PROPERTIES.

4) SHEATHING:
4A) WOOD STRUCTURAL PANELS (WSP)
- SHEATHING SHALL BE 3/4" THICK 240C STURD-I-FLOOR
- WOOD STRUCTURAL PANELS SHALL BE APA RATED SHEATHING CONFORMING TO U.S. DEPARTMENT OF COMMERCE STANDARD PS 2-10.
- ALL WOOD PANELS SHALL BE EXPOSURE 1.

5) BLOCKING AND BRIDGING:
5A) PROVIDE 1" X 4" SIMPSON NC/NCA CROSS-BRIDGING AT 8' O.C. MAXIMUM SPACING FOR ALL SOLID SAWN WOOD JOISTS AND RAFTERS. PROVIDE FULL HEIGHT SOLID BLOCKING (MINIMUM WIDTH TO MATCH WIDTH OF FRAMING) BETWEEN ALL FRAMING MEMBERS (SOLID SAWN JOISTS AND RAFTERS, FABRICATED JOISTS AND RAFTERS AND TRUSSES) AT SUPPORTS.

6) NAILING:
6A) UNLESS NOTED OTHERWISE ON THE DRAWINGS, PROVIDE COMMON NAILS WITH SIZES SHOWN IN THE TYPICAL WOOD MEMBER FASTENING SCHEDULE ON 2.36. MINIMUM NAILING SHALL BE IN ACCORDANCE WITH THE TYPICAL WOOD CONNECTION SCHEDULE AND IBC 2015 TABLE 2304.10.1.

6B) WHERE COMMON NAILS ARE SPECIFIED, BOX NAILS OF EQUAL LENGTH MAY BE SUBSTITUTED PROVIDED ONE BOX NAIL IS ADDED FOR EVERY THREE COMMON NAILS SPECIFIED.

7) METAL CONNECTORS:
7A) FRAMING CONNECTORS SHALL CONFORM TO IBC 2015 SECTIONS 2304.10 AND 2304.11. FRAMING CONNECTOR DESIGNATIONS ARE THOSE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, SAN LEANDRO, CALIFORNIA. OTHER MANUFACTURER'S PRODUCTS MAY BE USED IF APPROVED BY THE ENGINEER. FURNISH NAILS AND/OR BOLTS OF DIAMETER, LENGTH, AND NUMBER SPECIFIED BY THE MANUFACTURER FOR EACH CONNECTOR.

7B) ALL CONNECTOR HOLES SHALL BE FILLED WITH PROPER NAILS/BOLTS INCLUDING OPTIONAL NAIL LOCATIONS FOR UPLIFT. ALL BOLT HOLES SHALL BE DRILLED INTO FRAMING MEMBERS. MAXIMUM HOLE DIAMETER IS 1/16" LARGER THAN THE BOLT DIAMETER.

8) OPENINGS:
8A) OPENING, POCKETS, ETC., SHALL NOT BE PLACED IN BEAMS, JOISTS, RAFTERS, STUDS, POSTS, COLUMNS, TIMBER AND OTHER STRUCTURAL MEMBERS UNLESS DETAILED ON THE STRUCTURAL DRAWINGS.

FRAMING LUMBER SCHEDULE

TYPE OF USE	GRADE	Fb (PSI)	Fv (PSI)	E (PSI)	REMARKS
LOAD BEARING STUDS (AND COLUMNS ASSEMBLED FROM STUDS)	NO. 2	850	150	1,300,000	UNLESS NOTED OTHERWISE IN THE WOOD AND COLUMN SCHEDULE
NON-LOAD BEARING STUDS	STUD	675	150	1,200,000	-
FLOOR-JOIST	NO. 2	850	150	1,300,000	-
ROOF JOIST & RAFTERS	NO. 2	850	150	1,300,000	-
DECKING	SELECT DX				-
ALL OTHER	NO. 1	975	150	1,500,000	-

FABRICATED LUMBER TABLE

PRODUCT	SIZE	TYPE	Fb (PSI)	Fv (PSI)	Ft (PSI)	E (KSI)	REMARKS
PARALLEL STRAND BEAM	--	PSL	2900	290	2025	2200	-
LAMINATED STRAND BEAM	--	LSL	2325	310	1070	1550	--
LAMINATED VENEER BEAM	--	LVL	2600	285	1555	2000	--

FABRICATED RIMBOARD TABLE

t(IN)	H(LB/FT) d ≤ 24"	W (LB/FT) d ≤ 16" / 16"< d ≤ 24"	Z (LB) d ≤ 24"	P (LB) d ≤ 24"
1	180	3300/1650	300	3500
1 1/8	180	4400/3000	350	3500

STEEL NOTES

1) WELDING REQUIREMENTS:
1A) WELDERS: HAVE IN POSSESSION CURRENT EVIDENCE OF PASSING THE APPROPRIATE AWS. QUALIFICATION TESTS.

1B) MINIMUM WELDS: AISC SPECIFICATION, NOT LESS THAN 3/16" FILLET, CONTINUOUS UNLESS OTHERWISE NOTED.

1C) WELD SIZES AND LENGTHS CALLED FOR ON THE DRAWINGS ARE THE NET EFFECTIVE REQUIRED. INCREASE WELD SIZE IF GAPS EXIST AT THE FAYING SURFACE.

1D) WELD SIZES SHALL BE AS SHOWN UNLESS A GREATER SIZE IS REQUIRED BY ANSI/AISC 360-05 TABLES J2.3 AND J2.4.

1E) ALL GROOVE WELDS SHALL BE COMPLETE PENETRATION UNLESS NOTED.

1F) FIELD WELDING SYMBOLS INDICATE SUGGESTED CONSTRUCTION PROCEDURES.

2) STRUCTURAL STEEL INSTALLATION:
2A) ALL HIGH STRENGTH BOLTS USED IN COLUMN SPLICES, CONNECTIONS OF BEAMS AND GIRDERS TO COLUMNS, AND WHERE NOTED ON THE DRAWINGS AS TYPE "SC" OR OTHER TYPE FOLLOWED BY "PT", SHALL BE TENSIONED TO THE VALUES OF TABLE J3.1 OF ANSI/AISC 360-10 AISC 360-05. OTHER HIGH-STRENGTH BOLTS MAY BE INSTALLED SNUG TIGHT AS DEFINED BY AISC.

STEEL MATERIAL TABLE

STEEL ELEMENT	ASTM/TYPE	Fy (KSI)	Fu (KSI)	COMMENTS
ANCHOR RODS	F1554 GR 55	55	75	WELDABLE, HEAVY HEX HEADED
ANCHOR RODS IN MASONRY	F1554 GR 36, F1554 GR 55, OR A307 GRADE A/C	36	58	WELDABLE, STD HEX HEAD
BOLTS	F3125 - TYPE A325 OR F1852	--	120	BOLTS ARE 3/4"Ø UNO, USE TENSION-CONTROLLED WHERE POSSIBLE
COLD-FORMED STUDS/PLATE, 33 AND 43 MIL	A1003	33	--	--
COLD-FORMED STUDS/PLATE, 54 MIL AND HEAVIER	A1003	50	--	--
COLD-FORMED TRACK, ALL THICKNESSES	A1003	33	--	--
DAS	A1064	70	80	--
HAS	A108	51	65	STUDS ARE 3/4"Ø UNO
OTHER SHAPES	A36	36	58	--
PIPE	A53 GR B	35	60	--
PLATES	A36	36	58	--
RECT HSS	A500 GR C	50	62	--
ROUND HSS	A500 GR C	46	62	--
STEEL GRATING				PER NAAMM MBG 531, "METAL BAR GRATING MANUAL"
WELDING ELECTRODES, THICKNESS OF THINNER PART > 0.1 INCHES (12 GA)	E70			PER AWS
WELDING ELECTRODES, THICKNESS OF THINNER PART ≤ 0.1 INCHES (12 GA)	E60 OR E70	--	--	PER AWS
WF, WT	A992	50	65	--

METAL GAUGE CONVERSION

GAUGE	MINIMUM THICKNESS (MILS*)
22	27
20	33
18	43
16	54
14	68
12	97

NOTE:
* 1 MIL = 1/1000"

CONCRETE NOTES

CONCRETE MIX TABLE

CONC MIX TYPE	INTENDED USE	28 DAY STRENGTH f'c (KSI)	CONC WEIGHT	MAX W/C RATIO, INCLUDING FLY ASH	MAX AGGREGATE SIZE (IN), NOTE a	TOTAL AIR CONTENT (%), NOTE b	OTHER REQTS, NOTE c
1	FOOTINGS	4	NWC	-	1	-	-
2	FOUNDATION WALLS, SITE WALLS	5	NWC	0.40	3/4	6	SCC AT INT FND WALLS
3	INT SLABS	3.5	NWC	0.50	3/4	NP	FRC, MC
4	ALL CONC OTHERWISE NOT SPECIFIED	4	NWC	0.50	3/4	6	-

CONCRETE MIX TABLE NOTES:
PROPORTIONS OF MATERIALS IN CONCRETE MIX SHALL BE ESTABLISHED TO:
- PROVIDE THE MINIMUM COMPRESSIVE STRENGTH AS INDICATED IN THE MIX TABLE. DO NOT EXCEED THE MAXIMUM WATER-CEMENT RATIO NOTED.

- PROVIDE WORKABILITY AND CONSISTENCY TO PERMIT CONCRETE TO BE WORKED READILY INTO FORMS AND AROUND REINFORCEMENT UNDER CONDITIONS OF PLACEMENT TO BE EMPLOYED, WITHOUT SEGREGATION OR EXCESSIVE BLEEDING. CONTRACTOR SHALL SELECT APPROPRIATE SLUMP. USE ADMIXTURES AS REQUIRED TO OBTAIN DESIRED RESULTS.

USE TYPE I / II MODIFIED PORTLAND CEMENT (FOR SULFATE RESISTANCE) UNLESS NOTED OTHERWISE. FOR CONCRETE MIXES USED ON FLOORS MINIMUM CEMENTITIOUS CONTENT SHALL BE 540 POUNDS PER CUBIC YARD.

FOR CONCRETE PLACED BY PUMPING PROVIDE CONCRETE MIX FLOWABILITY TO FACILITATE PUMPING. ENTRAINED AIR MAY BE USED TO FACILITATE PUMPING SUBJECT TO THE PROVISIONS OF NOTE b BELOW.

ALKALI-AGGREGATE REACTIVITY OF AGGREGATES - SUBMIT REPORTS INDICATING THAT FINE AND COARSE AGGREGATES ARE NOT "POTENTIALLY REACTIVE" BASED ON THE ASTM C295 OR ASTM C1260 (OR ASTM C1293) TESTING LIMITS SET FORTH IN SECTION 5.1 OF "GUIDE SPECIFICATION FOR CONCRETE SUBJECT TO ALKALI-SILICA REACTIONS" (2007 PORTLAND CEMENT ASSOCIATION). ALTERNATIVELY, SUBMIT ASTM C1567 TEST REPORTS INDICATING THAT THE COMBINATION OF MIX INGREDIENTS REDUCES THE EXPANSION DUE TO ALKALI-SILICA REACTIONS" (2007 PORTLAND CEMENT ASSOCIATION). ALL TESTS FOR SUBMITTED REPORTS SHALL HAVE BEEN PERFORMED WITHIN ONE YEAR OF THE SUBMITTAL DATE.

a. FOR THE MAXIMUM COARSE AGGREGATE SIZE INDICATED, USE THE FOLLOWING AGGREGATE SIZE NUMBERS PER ASTM C33:
3/4": #67 AGGREGATE
1": #57 AGGREGATE

b. WHERE AIR CONTENT IS INDICATED IN THE MIX TABLE, PROVIDE AIR ENTRAINING ADMIXTURE. TOTAL AIR CONTENT LIMITS INCLUDE BOTH ENTRAINED AND ENTRAPPED AIR +/- 1 1/2%. 'NP' IN COLUMN INDICATES ADDITION OF ENTRAINED AIR IS NOT PERMITTED EXCEPT WHERE CONTRACTOR CAN DEMONSTRATE THAT SLABS WITH ENTRAINED AIR WILL HAVE A FINISH ACCEPTABLE TO THE ARCHITECT WITHOUT BLISTERS. AIR CONTENT NOTED IS BASED ON 3/4" AGGREGATE. IF 3/8" AGGREGATE IS USED, INCREASE AIR CONTENT BY 1 1/2%.

c. ABBREVIATIONS FOR OTHER REQUIREMENTS AS FOLLOWS:
FRC = FIBER REINFORCED CONCRETE. AT EXPOSED SLABS (1.5 LB/YD OR AS REQUIRED FOR DESIRED ARCHITECTURAL FINISH); FIBERS TO BE CONDUCIVE TO FINISH ACCEPTABLE TO ARCHITECT
SCC = SELF CONSOLIDATING CONCRETE, SLUMP FLOW = 26" ± 4"
MC = MOIST CURE AT EXPOSED SLABS

REINFORCING MATERIAL TABLE

REINF ELEMENT	ASTM	Fy (KSI)	Fu (KSI)	COMMENTS
TYP REINFORCING	A615	60	90	-
WELDED & FIELD BENT REINF	A706	60	80	-
WELDED WIRE REINFORCING, DEFORMED	A1064	70	80	-
EPOXY COATING OF REINFORCING	A775 OR A934	-	-	-

1) GENERAL:
1A) ALL WORK SHALL CONFORM WITH ACI 301-10, UNLESS NOTED OTHERWISE IN DRAWINGS OR PROJECT SPECIFICATIONS.

1B) DETAIL BARS IN ACCORDANCE WITH THE DRAWINGS, PROJECT SPECIFICATIONS, AND ACI PUBLICATION SP-66 (2004): "ACI DETAILING MANUAL"

2) REINFORCING MATERIALS:
2A) SEE 'REINFORCING MATERIALS TABLE'

3) REINFORCING FABRICATION:
3A) SPLICES:
- NO SPLICING OF REINFORCEMENT PERMITTED EXCEPT AS NOTED ON DRAWINGS. MAKE BARS CONTINUOUS AROUND CORNERS WHERE DETAIL NOT PROVIDED. WHERE PERMITTED, SPLICES MAY BE MADE BY CONTACT LAPS OR MECHANICAL CONNECTORS.
- SEE 'LAP SPLICE SCHEDULE' FOR LAP LENGTHS.
- SPLICE CONTINUOUS TOP AND BOTTOM BARS IN WALLS, BEAMS, AND GRADE BEAMS 'LTS' UNLESS NOTED OTHERWISE.
- SPLICE TOP BARS AT MIDSPAN AND BOTTOM BARS OVER SUPPORT UNLESS NOTED OTHERWISE.

3B) MISCELLANEOUS REINFORCING REQUIREMENTS:
- PROVIDE ADDITIONAL BARS OR STIRRUPS REQUIRED TO SECURE REINFORCING IN PLACE DURING CONCRETE PLACEMENT.
- MAKE ALL REINFORCING BAR BENDS IN THE FABRICATOR'S SHOP UNLESS NOTED.
- NO WELDING OF REINFORCING PERMITTED UNLESS NOTED ON DRAWINGS. WHERE PERMITTED, PERFORM WELDING IN ACCORDANCE WITH AWS D1.4-2011.
- PROVIDE ADDED REINFORCING TO TRIM ALL OPENINGS, NOTCHES, AND REENTRANT CORNERS AS NOTED IN TYPICAL DETAILS.

3C) INCLUDE IN THE BID THE COST FOR THE MATERIAL, FABRICATION AND PLACING OF 1/2 T OF REINFORCING BARS. THE REINFORCING WILL BE ADDED TO THE SHOP DRAWINGS AND IN FIELD OBSERVATION REPORTS BY THE ENGINEER AS "ADDED PER GENERAL NOTES." AN UP-TO-DATE TOTAL OF LINEAR FEET ADDED WILL BE MAINTAINED AND SUBSTANTIATED BY SHOP DRAWINGS AND FIELD OBSERVATION REPORTS.

4) STRUCTURAL CONCRETE MIX REQUIREMENTS:
4A) SEE 'CONCRETE MIX TABLE'

5) SLAB-ON-GRADE:
5A) VERIFY ALKALINITY OF CONCRETE SURFACE, SLAB VAPOR TRANSMISSION, AND SLAB FLATNESS/LEVELNESS ARE COMPATIBLE WITH FLOORING SYSTEM AND ADHESIVES PRIOR TO INSTALLING FLOORING.

5B) TAKE PRECAUTIONS TO MINIMIZE SLAB CURLING. GRIND SLAB OR USE LEVELING COMPOUND IF FLOOR FLATNESS AND LEVELNESS VALUES ARE NOT ACCEPTABLE TO THE ARCHITECT.

6) NON-SHRINK GROUT:
6A) CONFORM TO ASTM C1107

6B) ACHIEVE 6000 PSI COMPRESSIVE STRENGTH AT 28 DAYS.

7) PLACING REINFORCEMENT:
7A) REINFORCEMENT PROTECTION:
- SEE 'CONCRETE COVER TABLE'
- SEE ACI 117-10 FOR REINFORCEMENT PLACING TOLERANCES

7B) PROVIDE ACCESSORIES NECESSARY TO PROPERLY SUPPORT REINFORCING AND WELDED WIRE REINFORCEMENT AT POSITIONS SHOWN ON PLANS. ALL REINFORCING, DOWELS, BOLTS, AND EMBEDDED PLATES SHALL BE SET AND TIED IN PLACE BEFORE THE CONCRETE IS POURED. "STABBING" INTO PREVIOUSLY PLACED CONCRETE IS NOT PERMITTED.

8) CONSTRUCTION/CONTROL JOINTS:
8A) SUBMIT DRAWINGS SHOWING CONSTRUCTION AND CONTROL JOINT LOCATIONS ALONG WITH THE SEQUENCE OF POURS. CONSTRUCTION JOINT LOCATIONS AND CASTING SEQUENCE SHALL BE ARRANGED TO MINIMIZE THE EFFECTS OF ELASTIC AND LONG-TERM SHORTENING/SHRINKAGE.

8B) CONSTRUCTION JOINTS IN SLABS-ON-DECK AND SLABS-ON-GRADE SHALL BE LOCATED TO ACCOMMODATE THE MAXIMUM LENGTH AND AREA THE CONTRACTOR CAN REASONABLY POUR, FINISH, AND JOINT IN THE SAME DAY.

8C) CONCRETE CONSTRUCTION JOINT SURFACE SHALL BE CLEANED AND ALL LAITANCE AND LOOSE MATERIAL REMOVED PRIOR TO SECOND CONCRETE PLACEMENT.

8D) INTENTIONALLY ROUGHENED CONSTRUCTION JOINTS: WHERE CONSTRUCTION JOINTS ARE LABELED AS "ROUGHENED" ON THE DRAWINGS, THE ENTIRE JOINT SURFACE SHALL BE MECHANICALLY ROUGHENED TO A 1/4" AMPLITUDE AND THOROUGHLY CLEANED. EXPOSE THE COARSE AGGREGATE IN THE HARDENED CONCRETE AND REMOVE ALL LAITANCE AND LOOSE MATERIAL.

9) MEP AND OTHER OPENINGS AND EMBEDMENTS:
9A) PROVIDE SLEEVES AT OPENINGS (SUCH AS THOSE REQUIRED FOR PLUMBING AND ELECTRICAL PENETRATIONS) BEFORE PLACING CONCRETE. DO NOT CUT REINFORCING WHICH MAY CONFLICT. CORING OF NEW CONCRETE IS NOT PERMITTED.

9B) REFER TO TYPICAL DETAILS FOR SPACING LIMITS ON SLEEVES AND FOR REQUIREMENTS FOR EMBEDDED CONDUIT AND PIPE.

Professional Engineer (Structural)
AMANDA N. MILLER
12591
Date 11/20/17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No 7 ARCHITECTS
Cheyenne WY 82001
307.635.0551
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE 7 ARCHITECTS. ©

MARTIN/MARTIN
WYOMING
4020 LARAMIE STREET, CHEYENNE, WYOMING 82001
307.637.8422
MMWYO.COM

PROJECT
16-025

DATE
11/20/17

DRAWN
NAO

DISK

SHEET
NOTES

SHEET
2.02

STRUCTURAL STEEL TESTING

ITEM	FREQUENCY	STANDARD	CRITERIA/REMARKS
WELDING			
- COMPLETE JOINT PENETRATION GROOVE WELDS FOR MATERIAL 5/16" THICK AND GREATER	10%	UT	FREQUENCY SHALL BE INCREASED SHOULD THE REJECT RATE EXCEED 5% FOR AN INDIVIDUAL WELDER, IN ACCORDANCE WITH AISC 360, CHAPTER N.
- THERMALLY CUT SURFACES OF BEAM COPES AND ACCESS HOLES WHEN MATERIAL THICKNESS EXCEEDS 2 INCHES	100%	MT OR PT	-
- SHEAR CONNECTOR, HEADED ANCHOR STUDS, DEFORMED ANCHOR STUDS, THREADED STUDS	2 BEND TESTS AT START OF EACH SHIFT, 1% BEND TEST, 100% RING TEST	AWS D1.1 SECTION 7	BEND TEST: PER AWS D1.1 BENT STUD (TORQUE TEST FOR THREADED STUDS) ACCEPTANCE CRITERIA. RING TEST: STRIKE WITH HAMMER. IF THE STUD RINGS, STUD IS ACCEPTABLE. IF STUD DOES NOT RING, PERFORM BEND TEST

UT - ULTRASONIC TESTING
MT - MAGNETIC PARTICLE TESTING
PT - PENETRANT TESTING
SFRS - SEISMIC FORCE RESISTING SYSTEM
TTT - TENSION THRU THICKNESS, SEE STR STEEL TESTING

WOOD SPECIAL INSPECTIONS

ITEM	FREQUENCY	STANDARD	CRITERIA
FRAMING			
- MEMBERS AND CONNECTIONS	P	-	VERIFY SPECIES, GRADE, SIZE, LOCATION, SPACING, END BEARING AND END ATTACHMENT
- BRIDGING AND BLOCKING	P	-	VERIFY INSTALLATION AND LOCATION
- FIELD CUTS AND NOTCHES	P	-	NO CUTS OR NOTCHES PERMITTED UNLESS SPECIFIED ON THE CONSTRUCTION DOCUMENTS
- SPLICING	P	-	NO SPLICING OF STRUCTURAL MEMBERS PERMITTED UNLESS SPECIFIED ON THE CONSTRUCTION DOCUMENTS
- FLOOR/ROOF FRAMING	P	-	VERIFY FRAMING IS ALIGNED OVER A BEARING STUD WITHIN PERMITTED DIMENSION
SHEATHED DIAPHRAGM			
- PANEL SHEATHING	P	-	VERIFY TYPE, THICKNESS, PANEL SIZE AND ORIENTATION
- ATTACHMENT	P	-	VERIFY PANEL SHEATHING BOUNDARY, PANEL EDGE, AND FIELD FASTENERS AND ATTACHMENT AT ALL EDGES OF DIAPHRAGM
CONNECTIONS			
- FASTENER	P	-	VERIFY TYPE, DIAMETER, LENGTH, SPACING, EDGE DISTANCES, AND USE OF WASHERS. VERIFY HOLE DIAMETER FOR BOLTS
- MANUFACTURED WOOD CONNECTORS AND JOIST HANGERS	P	ICC-ES REPORT	VERIFY TYPE, ALL CONNECTOR HOLES FILLED WITH PROPER FASTENERS, AND INSTALLATION IN CONFORMANCE WITH ICC-ES REPORT

WOOD TESTING

ITEM	FREQUENCY	STANDARD	CRITERIA
MOISTURE CONTENT			
- PRESSURE TREATED LUMBER	100%	ASTM D4444 HAND-HELD MOISTURE METER	-
- MEMBERS 5x AND LARGER	100%		
- ALL OTHER MEMBERS	10%		

STRUCTURAL STEEL INSPECTIONS

ITEM	INSPECTION TASK	STANDARD	CRITERIA/REMARKS
- PRIOR TO FABRICATION OR ERECTION	PERFORM	AISC 360, CHAPTER N	REVIEW MATERIAL TEST REPORTS AND CERTIFICATIONS FOR STRUCTURAL STEEL, FASTENERS, ANCHOR RODS, HEADED STUD ANCHORS
PRIOR TO WELDING			
- REVIEW MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AND WELDING PROCEDURE SPECIFICATIONS	PERFORM	AISC 360, CHAPTER N	-
- FIT UP OF WELDS, INCLUDING JOINT GEOMETRY, AND CONFIGURATIONS AND FINISH OF ACCESS HOLES	OBSERVE	AISC 360, CHAPTER N	-
- MATERIAL IDENTIFICATION	OBSERVE	AISC 360, CHAPTER N	-
- WELDER IDENTIFICATION SYSTEM	OBSERVE	AISC 360, CHAPTER N	-
DURING WELDING			
- USE OF QUALIFIED WELDERS	OBSERVE	AISC 360, CHAPTER N	-
- CONTROL AND HANDLING OF WELDING CONSUMABLES	OBSERVE	AISC 360, CHAPTER N	-
- NO WELDING OVER CRACKED TACK WELDS	OBSERVE	AISC 360, CHAPTER N	-
- ENVIRONMENTAL CONDITIONS, AND WPS FOLLOWED	OBSERVE	AISC 360, CHAPTER N	-
- WELDING TECHNIQUES - SINGLE PASS WELDS	OBSERVE	AISC 360, CHAPTER N	-
- WELDING TECHNIQUES - MULTI-PASS WELDS	OBSERVE	AISC 360, CHAPTER N	-
AFTER WELDING			
- WELDS CLEANED	OBSERVE	AISC 360, CHAPTER N	-
- SIZE, LENGTH, AND LOCATION OF WELDS	PERFORM	AISC 360, CHAPTER N	-
- WELDS MEET VISUAL ACCEPTANCE CRITERIA	PERFORM	AISC 360, CHAPTER N, AWS D1.1	WHERE INSPECTOR OBSERVES QUESTIONABLE WELDS, NON-DESTRUCTIVE TESTING SHALL BE PERFORMED
- ARC STRIKES	PERFORM	AISC 360, CHAPTER N	-
- K-AREA	PERFORM	AISC 360, CHAPTER N	-
- BACKING AND WELD TABS REMOVED WHERE REQUIRED.	PERFORM	AISC 360, CHAPTER N	-
- REPAIR ACTIVITIES	PERFORM	AISC 360, CHAPTER N	-
- PLACEMENT AND INSTALLATION OF HEADED STUD ANCHORS	PERFORM	AISC 360, CHAPTER N	-
- DOCUMENT ACCEPTANCE OR REJECTION OF WELDED MEMBER OR JOINT	PERFORM	AISC 360, CHAPTER N	-
PRIOR TO BOLTING			
- REVIEW MANUFACTURER CERTIFICATIONS FOR FASTENER MATERIALS	PERFORM	AISC 360, CHAPTER N	-
- FASTENERS MARKS IN ACCORDANCE WITH ASTM REQUIREMENTS	OBSERVE	AISC 360, CHAPTER N	-
- PROPER FASTENERS AND BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	OBSERVE	AISC 360, CHAPTER N	-
- CONNECTING ELEMENTS MEET REQUIREMENTS, INCLUDING HOLE REPARATION AND FAYING SURFACE	OBSERVE	AISC 360, CHAPTER N	-
- PRE-INSTALLATION VERIFICATION TESTING	OBSERVE	AISC 360, CHAPTER N	NOT APPLICABLE FOR SNUG TIGHT JOINTS
- PROPER STORAGE FOR FASTENER COMPONENTS	OBSERVE	AISC 360, CHAPTER N	-
DURING BOLTING			
- FASTENERS PLACED IN ALL HOLES AND POSITIONED AS REQUIRED	OBSERVE	AISC 360, CHAPTER N	-
- PRETENSIONED AND SLIP-CRITICAL JOINTS	OBSERVE	AISC 360, CHAPTER N AND RCSC SPECIFICATION	JOINT BROUGHT IN SNUG-TIGHT CONDITION PRIOR TO PRETENSIONING, FASTENER PREVENTED FROM ROTATING, PRETENSIONED IN PROPER SEQUENCE
- PRETENSIONED AND SLIP-CRITICAL JOINTS USING CALIBRATED WRENCH OR TURN-OF-NUT METHOD WITHOUT MATCHMARKING	PERFORM	AISC 360, CHAPTER N AND RCSC SPECIFICATION	JOINT BROUGHT IN SNUG-TIGHT CONDITION PRIOR TO PRETENSIONING, FASTENER PREVENTED FROM ROTATING, PRETENSIONED IN PROPER SEQUENCE. INSPECTOR SHALL BE RESENT DURING INSTALLATION OF FASTENERS
AFTER BOLTING			
- DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	PERFORM	DOCUMENT ACCEPTANCE OR REJECTION MEMBER OR JOINT	-

OBSERVE - OBSERVE THESE ITEMS ON A RANDOM BASIS
PERFORM - THESE INSPECTIONS SHALL BE PERFORMED FOR EACH WELDED CONNECTION, EACH BOLTED CONNECTION, AND EACH ITEM, PRIOR TO ACCEPTANCE

STRUCTURAL CONCRETE SPECIAL INSPECTIONS

ITEM	FREQUENCY	STANDARD	CRITERIA
REINFORCING STEEL			
- DURING PLACEMENT	P	ACI 301-16 3.2-3.3	VERIFY GRADE, FINISH, SIZE, BAR QUANTITY, LOCATION, SPACING, COVER, HOOK LENGTHS, SPLICE LENGTH, SPLICE LOCATIONS, BEND DIAMETERS, COATING, SURFACE CONDITION, AND SUPPORT
- PRIOR TO PLACEMENT OF CONCRETE	100%		
- WELDING	C	AWS D1.4	VERIFY ASTM A706 REINFORCING STEEL
- FIELD BENDING	P	ACI 301-16 3.3.2.8	-
- COATED REINFORCING	P	ACI 301-16 3.2.1.2	-
- MECHANICAL CONNECTORS	C	ICC-ES REPORT	-
BOLTS AND EMBEDMENTS			
- PRIOR TO PLACEMENT OF CONCRETE	100%	-	VERIFY TYPE, FINISH, DIAMETER, LENGTH, QUANTITY, EMBEDMENT LENGTH, SPACING AND EDGE DISTANCES. VERIFY USE OF PLACING TEMPLATE WHERE SPECIFIED
- WELDING	-	-	INSPECT PER THE STRUCTURAL STEEL TABLE
CONCRETE			
- MIX DESIGN	EACH TRUCK	-	VERIFY USE OF APPROVED DESIGN MIXTURE FOR EACH TRUCK LOAD
- FORMWORK PRIOR TO PLACEMENT OF CONCRETE	P	ACI 301-16 2.2-2.3	INSPECT FIRST POUR OF EACH TYPE (GRADE BEAM, COLUMN, STRUCTURAL SLAB, SLAB-ON-DECK, ETC.)
- PLACEMENT OF CONCRETE	C	ACI 301-16 5.3.2	-
- CURING	P	ACI 301-16 5.3.6	-
- SHORE/FORM REMOVAL	P	ACI 301-16 2.3.2	FOR BEAMS AND STRUCTURAL SLABS

POST-INSTALLED ANCHORS/REINFORCING STEEL SPECIAL INSPECTIONS

ITEM	FREQUENCY	STANDARD	CRITERIA
EXPANSION ANCHORS, SLEEVE ANCHORS, SCREW ANCHORS			
- PRIOR TO START OF WORK	-	ICC-ES REPORT	REVIEW CONTRACTOR'S INSTALLATION PROCEDURE
- PRIOR TO INSTALLATION OF ANCHOR	EACH ANCHOR	ICC-ES REPORT	VERIFY TYPE, DIAMETER, LENGTH, FINISH, AND BASE MATERIAL. VERIFY SOLID GROUTED AREA AROUND ANCHORS IN GROUTED MASONRY. VERIFY MAXIMUM IMPACT WRENCH TORQUE RATING FOR SCREW ANCHORS
- DURING INSTALLATION OF ANCHOR	C	ICC-ES REPORT	CONTINUOUS INSPECTION REQUIRED REGARDLESS IF PERIODIC INSPECTION IS PERMITTED BY ICC-ES REPORT. VERIFY HOLE DIMENSIONS, HOLE CLEANING, ANCHOR EMBEDMENT, EDGE DISTANCES AND SPACING
- AFTER INSTALLATION OF ATTACHED ASSEMBLY	100% VISUAL	-	VERIFY NUMBER, EDGE DISTANCES, AND ANCHOR FLUSH WITH AND PERPENDICULAR TO THE RECEIVING SURFACE
ADHESIVE ANCHORS, REINFORCING STEEL ANCHORED INTO HARDENED CONCRETE OR EXISTING STONE			
- PRIOR TO START OF WORK	-	ICC-ES REPORT	REVIEW CONTRACTOR'S INSTALLATION PROCEDURE
- PRIOR TO INSTALLATION OF ANCHOR	EACH ANCHOR	ICC-ES REPORT	VERIFY TYPE, DIAMETER, LENGTH, FINISH, AND BASE MATERIAL. VERIFY SOLID GROUTED AREA AROUND ANCHORS IN GROUTED MASONRY
- DURING INSTALLATION OF ANCHOR	C	ICC-ES REPORT	CONTINUOUS INSPECTION REQUIRED REGARDLESS IF PERIODIC INSPECTION IS PERMITTED BY ICC-ES REPORT. VERIFY HOLE DIMENSIONS, HOLE CLEANING, ANCHOR EMBEDMENT, EDGE DISTANCES AND SPACING
- AFTER INSTALLATION OF ATTACHED ASSEMBLY	100% VISUAL	-	VERIFY NUMBER, EDGE DISTANCES, AND ANCHOR FLUSH WITH AND PERPENDICULAR TO THE RECEIVING SURFACE
- CURE TIME	100% VISUAL	-	VERIFY FULL CURE TIME HAS ELAPSED PRIOR TO APPLICATION OF TORQUE OR LOAD TO ANCHOR

POST-INSTALLED ANCHOR/REINFORCING STEEL TESTING

ITEM	FREQUENCY	STANDARD	CRITERIA
EXPANSION ANCHORS, SLEEVE ANCHORS, SCREW ANCHORS			
- TORQUE TEST	100%	-	TEST ANCHOR WITH CALIBRATED TORQUE WRENCH TO 100% OF THE INSTALLATION TORQUE NOTED IN ICC-ES REPORT. ATTAIN SPECIFIED TORQUE WITHIN 1/2 TURN OF THE NUT
ADHESIVE ANCHORS, REINFORCING STEEL ANCHORED INTO HARDENED CONCRETE			
- TENSION TEST	FIRST 3 AND 1% OF REMAINING	ASTM E488 STATIC TENSION	TEST THE INSTALLATION OF THE FIRST 3 OF EACH TYPE, BASE MATERIAL, AND POSITION (DOWN, HORIZONTAL, OVERHEAD). OBSERVE ASTM E488 MINIMUM EDGE DISTANCES FOR DETERMINING TEST LOCATIONS. SUBMIT PROPOSED TEST LOCATIONS AND REQUESTS FOR REQUIRED TENSION TEST LOAD VALUES TO ENGINEER

SOILS SPECIAL INSPECTIONS

ITEM	FREQUENCY	STANDARD`	CRITERIA
SUBGRADE			
- EXCAVATION	P	-	VERIFY EXCAVATIONS ARE EXTENDED TO THE PROPER DEPTH AND HAVE REACHED THE PROPER BEARING MATERIAL
- BEARING MATERIAL	P	SOILS REPORT	VERIFY BEARING MATERIAL IS ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY
CONTROLLED FILL			
- PRIOR TO PLACEMENT	P	-	VERIFY SUBGRADE HAS BEEN PROPERLY PREPARED
- PLACEMENT	C	-	VERIFY USE OF PROPER MATERIALS, DENSITIES, COMPACTION, AND LIFT THICKNESSES

SOILS SPECIAL INSPECTION NOTES:

1. SEE CIVIL DRAWINGS AND/OR SPECIFICATIONS FOR ADDITIONAL EARTHWORK AND UTILITY INSPECTION REQUIREMENTS.
2. SEE CIVIL DRAWINGS AND/OR SPECIFICATIONS FOR CLASSIFICATION AND TESTING REQUIREMENTS FOR COMPACTED FILL AND/OR CONTROLLED LOW-STRENGTH MATERIAL.

QUALITY ASSURANCE GENERAL NOTES
STATEMENT OF STRUCTURAL SPECIAL INSPECTIONS AND TESTING

1. **GENERAL:**
   A. SCOPE OF WORK
   - THE OWNER WILL ENGAGE A QUALIFIED INSPECTION AND TESTING AGENCY(S) TO PERFORM SPECIAL INSPECTIONS AND TESTING FOR ALL STRUCTURAL MEMBERS AND ASSEMBLIES AS NOTED HEREIN.
   - SPECIAL INSPECTIONS AND TESTING INCLUDE THE ADDITIONAL STRUCTURAL SPECIAL INSPECTION AND TESTING REQUIREMENTS FOR SEISMIC AND/OR WIND RESISTANCE.
   - SPECIAL INSPECTIONS ARE IN ADDITION TO INSPECTIONS BY THE AUTHORITY HAVING JURISDICTION REQUIRED BY IBC 2015 SECTION 110.
   - REFER TO THE SPECIFICATIONS FOR REPORTING AND PROCEDURAL REQUIREMENTS FOR QUALITY ASSURANCE AND QUALITY CONTROL.
   - REFER TO ARCH/MECH/ELEC/CIVIL SPECIFICATIONS AND DRAWINGS FOR ADDITIONAL SPECIAL INSPECTION AND TESTING THAT MAY BE REQUIRED.
   - SPECIAL INSPECTIONS AND TESTING ARE APPLICABLE TO ALL REVISIONS AND/OR FUTURE WORK ADDED BY AMENDMENTS TO THESE DOCUMENTS.

   B. DEFINITIONS
   - SPECIAL INSPECTOR: THE AGENCY ENGAGED BY THE OWNER AND APPROVED BY THE AUTHORITY HAVING JURISDICTION TO ACT AS THE DESIGNATED REPRESENTATIVE TO PERFORM INSPECTIONS.
   - SPECIAL INSPECTION: INSPECTION PERFORMED BY THE SPECIAL INSPECTOR ACCORDING TO IBC 2015 SECTION 1704 TO ENSURE COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS.
   - (P) PERIODIC INSPECTION: THE PART-TIME OR INTERMITTENT OBSERVATION BY THE SPECIAL INSPECTOR OF WORK BEING PERFORMED. SPECIAL INSPECTOR SHALL BE PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED. OBSERVATION OF ALL WORK (100% VISUAL) SHALL BE MADE AT THE COMPLETION OF THE WORK.
   - (C) CONTINUOUS INSPECTION: THE FULL-TIME OBSERVATION BY THE SPECIAL INSPECTOR OF WORK BEING PERFORMED. SPECIAL INSPECTOR SHALL BE PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED. OBSERVATION OF ALL WORK (100% VISUAL) SHALL BE MADE AT THE COMPLETION OF THE WORK.

   C. DEFICIENCIES IN WORK
   - CORRECT DEFICIENCIES IN WORK THAT TESTS AND INSPECTIONS INDICATE DO NOT COMPLY WITH THE CONTRACT DOCUMENTS AND REFERENCED STANDARDS.
   - ALL COST OF ADDITIONAL TESTING AND/OR INSPECTIONS FOR CORRECTIVE WORK SHALL BE BORNE BY THE CONTRACTOR.

2. **SHOP FABRICATIONS:**
   A. GENERAL
   - PERFORM INSPECTIONS AND TESTING FOR ALL SHOP FABRICATED STRUCTURAL MEMBERS AND ASSEMBLIES AS NOTED HEREIN. SPECIAL INSPECTOR SHALL PERFORM SPECIAL INSPECTIONS AND TESTING UNLESS THE FABRICATOR IS REGISTERED AND APPROVED BY THE AUTHORITY HAVING JURISDICTION TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION OR FABRICATION HAS A CURRENT ICC-ES EVALUATION REPORT. THE AUTHORITY HAVING JURISDICTION HAS APPROVED FABRICATORS PARTICIPATING IN THE AISC CERTIFICATION PROGRAM AND DESIGNATED AS AN AISC CERTIFIED PLANT, CATEGORY STD.
   - SPECIAL INSPECTOR SHALL VERIFY THE FABRICATOR MAINTAINS AND FOLLOWS DETAILED SHOP FABRICATION AND QUALITY CONTROL PROCEDURES, UNLESS FABRICATOR IS REGISTERED AND APPROVED.
   - AT THE COMPLETION OF FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE AUTHORITY HAVING JURISDICTION ACCORDING TO IBC 2015 SECTION 1704.2.5.1.
   - APPROVED FABRICATORS MAY PERFORM TESTING NOTED HEREIN EXCEPT THAT NONDESTRUCTIVE TESTING (NDT) SHALL ONLY BE PERFORMED BY PERSONNEL WITH QUALIFICATIONS THAT MEET OR EXCEED THE CRITERIA OF AWS D1.1 SUBCLAUSE 6.14.6 AND AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING (ASNT) SNT-TC-1A OR ASNT CP-189.

   B. SHOP FABRICATIONS INCLUDED
   - SHOP FABRICATED STRUCTURAL STEEL INCLUDING STAIRS AND RAILING ELEMENTS
   - SHOP FABRICATED COLD FORMED STEEL ELEMENTS
   - PRE-FABRICATED WOOD STRUCTURAL ELEMENTS
   - SHOP FABRICATED STEEL CONNECTIONS FOR STRUCTURAL WOOD CONNECTIONS
   - SHOP FABRICATED HELICAL PILES

STRUCTURAL CONCRETE TESTING

ITEM	FREQUENCY	STANDARD	CRITERIA
REINFORCING STEEL, BOLTS AND EMBEDMENTS			
- WELDING	-	-	PER STRUCTURAL STEEL TESTING
CONCRETE			
- COMPOSITE SAMPLE		ASTM C172	OBTAIN AT POINT OF PLACEMENT. FOR DRILLED PIERS OBTAIN NEAR BEGINNING OF LOAD PRIOR TO PLACEMENT IN SHAFT. ADJUST FREQUENCY AS REQUIRED TO PROVIDE MINIMUM 5 TOTAL TESTS PER MIX BUT NOT MORE THAN ONE SAMPLE PER TRUCK LOAD
1. f'c < 5000 PSI	100 CY/MIX/DAY		
2. f'c ≥ 5000 PSI AND SHOTCRETE	50 CY/MIX/DAY		
- SLUMP/SLUMP FLOW	EACH COMPOSITE SAMPLE	ASTM C143 (SLUMP) OR ASTM C1611 (SLUMP FLOW)	SPECIFIED SLUMP SHALL BE AS SUMBITTED IN THE MIX DESIGN ± 1 1/2". PERFORM ADDITIONAL TESTS WHEN CONCRETE CONSISTENCY APPEARS TO CHANGE
- AIR CONTENT WHEN AIR ENTRAINMENT IS SPECIFIED AND LIGHTWEIGHT CONCRETE	EACH COMPOSITE SAMPLE	ASTM C231 PRESSURE METHOD (NWC) OR ASTM C173 VOLUMETRIC METHOD (LWC)	-
- TEMPERATURE	EACH COMPOSITE SAMPLE AND 60 MINUTE INTERVALS	ASTM C1064	REQUIRED WHEN AIR TEMPERATURE IS 40 °F AND BELOW OR 80°F AND ABOVE
- UNIT WEIGHT FOR STRUCTURAL LIGHTWEIGHT	EACH COMPOSITE SAMPLE	ASTM C138	-
- COLD WEATHER CURING	-	ASTM C1074	RECORD MAXIMUM AND MINIMUM CONCRETE TEMPERATURE DURING CURING PERIOD, WHEN DAILY AVERAGE AIR TEMPERATURE OF 40 °F OR BELOW IS EXPECTED FOR 3 SUCCESSIVE DAYS DURING CURING PERIOD
- COMPRESSIVE STRENGTH	EACH COMPOSITE SAMPLE	ASTM C31 ASTM C39 EITHER: (4)6x12 OR (6)4x8 CYLINDERS	TEST PER SCHEDULE BELOW: - 7 DAYS: (1)6x12 OR (1)4x8 - 28 DAYS: (2)6x12 OR (3)4x8 - 56 DAYS: (1)6x12 OR (2)4x8 (IF 28 DAY TESTS DO NOT ACHIEVE SPECIFIED 28 DAY STRENGTH) ACCEPTANCE CRITERIA PER ACI 318

STRUCTURAL CONCRETE TESTING NOTES:

1. NONDESTRUCTIVE TESTING MAY BE PERMITTED BY THE ARCHITECT, BUT WILL NOT BE USED AS SOLE BASIS FOR APPROVAL OR REJECTION OF DEFICIENT CONCRETE.
2. REPORTS OF COMPRESSIVE STRENGTH TESTS SHALL CONTAIN THE FOLLOWING INFORMATION: DATE OF CONCRETE PLACEMENT, LOCATION OF CONCRETE BATCH IN WORK, DESIGN 28-DAY COMPRESSIVE STRENGTH, CONCRETE SUPPLIER AND MIXTURE ID NUMBER, TIME OF BATCH AND PLACEMENT, AMBIENT AIR TEMPERATURE, SITE ADDED WATER AND ADMIXTURES, UNIT WEIGHT, AND AS REQUIRED BY ASTM C39.

Professional Engineer (Structural)
AMANDA N. MILLER
12591
Date 11/20/17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No 7 ARCHITECTS
WYOMING REGISTERED ARCHITECT
AMANDA NICOLE MILLER
THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE 7 ARCHITECTS. ©

MARTIN/MARTIN WYOMING
4020 LARAMIE STREET, CHEYENNE, WYOMING 82001
307.637.8422
MMWYO.COM

PROJECT
16-025

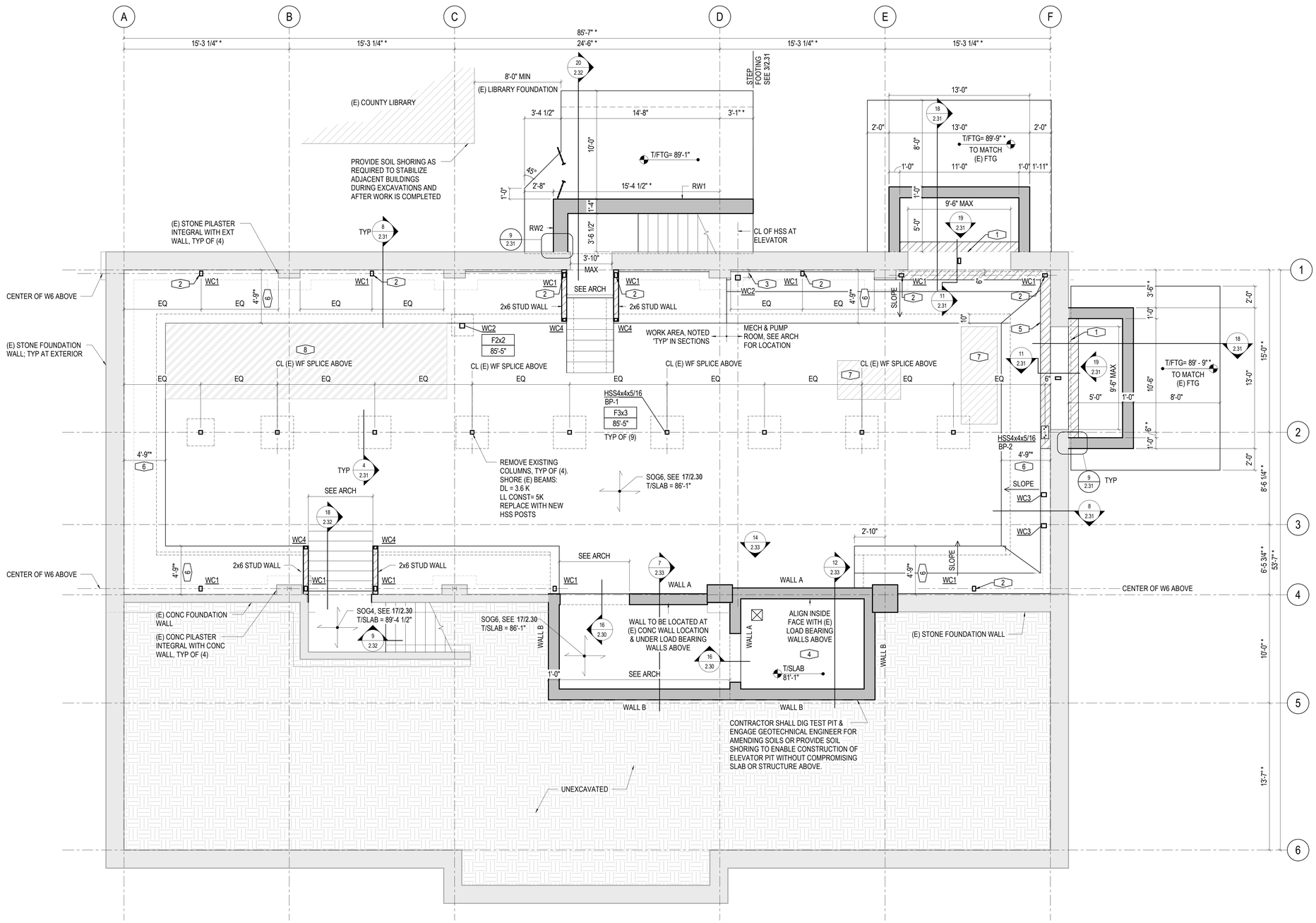
DATE
11/20/17

DRAWN
NAO

DISK

SHEET
QUALITY ASSURANCE

SHEET
2.03



NORTH

SUB-BASEMENT

1/4" = 1'-0"

FOUNDATION PLAN NOTES:

1. NOT ALL EXISTING ELEMENTS ARE SHOWN. THE INTENT IS TO SHOW ITEMS ADJACENT AND RELATIVE TO NEW STRUCTURAL ELEMENTS. CONTRACTOR TO FIELD VERIFY SIZE AND LOCATION OF (E) ELEMENTS PRIOR TO FABRICATION OR CONSTRUCTION OF NEW WORK
2. NEW OPENINGS IN EXISTING MASONRY NOT SHOWN ON STRUCTURAL DRAWINGS SHALL BE SUBMITTED FOR REVIEW PRIOR TO CUTTING.
3. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR EQUIPMENT PAD SIZES & LOCATIONS.
4. REFER TO ARCHITECT'S DRAWINGS FOR ADDITIONAL INFORMATION OF DEMOLISHED AND MODIFIED (E) ELEMENTS.
5. CONTRACTOR SHALL STABILIZE SOILS AND PROTECT INTEGRITY OF EXISTING STRUCTURE PRIOR TO EXCAVATION & FOR THE DURATION OF THE NEW WORK; SEE EXCAVATION NOTES ON **2.01**
   VERTICAL LOADS ON STRUCTURE FOR DELEGATED SHORING DESIGNS ARE AS FOLLOWS:
   PERIMETER WALLS:
   - DL = 12 KLF
   - LL CONST = 0.5 KLF
   - LL FINAL = 2.5 KLF

   BASEMENT WALL ALONG GL 4:
   - DL = 3 KLF
   - LL CONST = 0.7 KLF
   - LL FINAL = 3 KLF

   PILASTERS:
   - DL = 35 K
   - LL CONST = 15 K
   - LL FINAL = 80 K

SYMBOLS:

- X'-XX" * — DIMENSIONS TO EXISTING STRUCTURE, FIELD VERIFY (ASTERIC)
- SOGXX — SLAB TYPE
- XXX'-XX" — SLAB THICKNESS; T/SLAB
- F1 — **F**TG MARK (SF = **S**TRIP **F**TG)
- XX'-X" — T/FTG EL
- CXX — **C**OLUMN SIZE OR MARK
- BP-X — **B**ASE **P**LATE TYPE
- WC(#) — WOOD COLUMN MARK (#), SEE **6/2.36**
- WB(#) — WOOD BEAM MARK (#), SEE **9/2.36**

TYPICAL DETAIL REFERENCES

7/2.30	FOR CONCRETE REINFORCING REQUIREMENTS
17/2.30	FOR SLAB ON GRADE KEY PLAN
11/2.30	FOR SPREAD FOOTINGS SCHEDULE AND REQUIREMENTS
10/2.30	FOR BASE PLATES
6/2.31	FOR TYPICAL HORIZ WALL REINF AT CORNERS AND INTERSECTIONS
2/2.36	FOR WOOD FRAMING NAILING

KEYNOTES:

1. NEW PENETRATION IN (E) STONE FOR NEW LOUVERS, 115"(W) x 61" (H) MAX, DO NOT OVER CUT
2. PROTECT NEW WOOD COLUMNS ADJACENT TO (E) STONE WALLS WITH MOISTURE BARRIER COATING
3. POST LOCATED TO AVOID/CLEAR (E) W6 AND FIT WITHIN NEW FURRING WALLS, CONTRACTOR TO FIELD VERIFY.
4. ELEVATOR PIT AND SHAFT TO BE COORDINATED WITH ELEVATOR SELECTED
5. HATCHED REGION INDICATES EXTENTS OF NEW CONC BEAMS, SEE **11/2.31**
6. DIMENSION IS FOR BIDDING PURPOSES ONLY; LOCATE NEW SLAB EDGE TO MAINTAIN A MINIMUM OF 1:1 SLOPE, OR AS RECOMMENDED OR REQUIRED BY GEOTECHNICAL ENGINEER TO AVOID EXCAVATION SOIL SHORING, FROM BOTTOM EDGE OF (E) FOOTING TO SLAB AS SHOWN IN **8/2.31**
7. CONC EQUIPMENT PADS, SEE ARCH AND MECHANICAL FOR LOCATION AND EXTENTS. SEE **8/2.30**
8. HIGH DENSITY SHELVING UNITS, SEE **12/2.31** COORD SIZE, DEPRESSIONS, AND OTHER REQUIREMENTS WITH ARCH AND SHELVING UNITS.

Professional Engineer (Structural)
AMANDA N. MILLER
12591
Date 11/20/17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No 7 ARCHITECTS
Cheyenne Office
1620 Dell Range Blvd
Suite J-341
Cheyenne, WY 82009
307.635.0501
www.statelineno7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. ©

MARTIN/MARTIN WYOMING
4020 LARAMIE STREET, CHEYENNE, WYOMING 82001
307.637.8422
MMWYO.COM

PROJECT
16-025

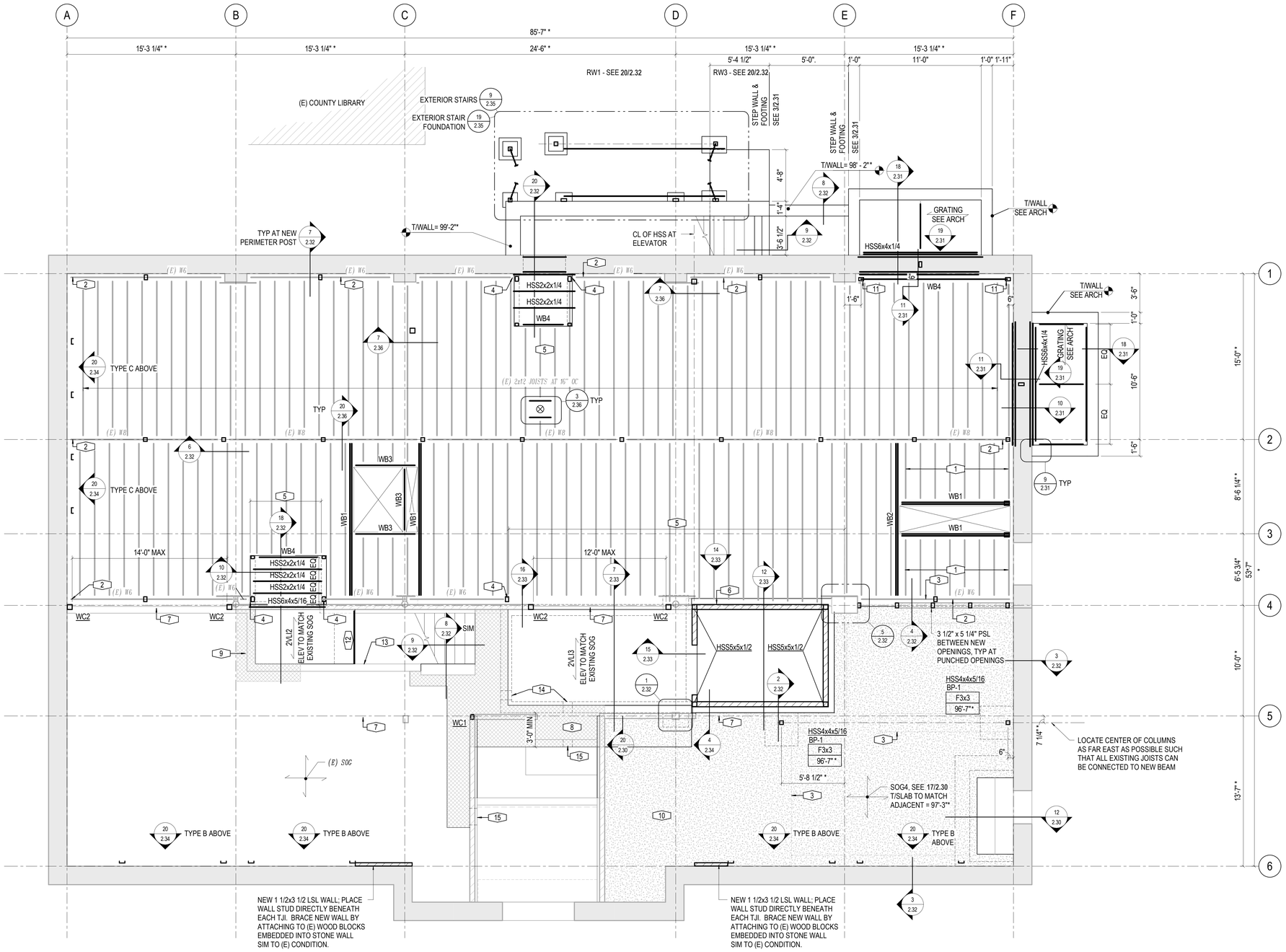
DATE
11/20/17

DRAWN
NAO

DISK

SHEET
SUB-BASEMENT

SHEET
2.10



BASEMENT

NORTH 1/4" = 1'-0"

BASEMENT PLAN NOTES:

1. NOT ALL EXISTING ELEMENTS ARE SHOWN. THE INTENT IS TO SHOW ITEMS ADJACENT AND RELATIVE TO NEW STRUCTURAL ELEMENTS. CONTRACTOR TO FIELD VERIFY SIZE AND LOCATION OF (E) ELEMENTS PRIOR TO FABRICATION OR CONSTRUCTION OF NEW WORK.
2. NEW OPENINGS IN EXISTING STONE NOT SHOWN ON DRAWINGS SHALL BE SUBMITTED FOR REVIEW PRIOR TO CUTTING.
3. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR MECHANICAL, ELECTRICAL, OR PLUMBING PENETRATIONS THRU (E) FRAMING
4. REFER TO ARCHITECT'S DRAWINGS FOR ADDITIONAL INFORMATION OF DEMOLISHED AND MODIFIED (E) ELEMENTS.
5. METAL DECK SHALL BE 2VLI-18 GAGE DECK. DECK SHALL HAVE MINIMUM PROPERTIES SHOWN BELOW:
   - Fy = 50 KSI
   - Ip = 0.559 (IN^4)
   - In = 0.558 (IN^4)
   - S+ = 0.495 (IN^3)
   - S- = 0.504 (IN^3)

DESIGNATION	CONCRETE OVER HIGH HATS	TOTAL THICKNESS	REINF
2VLI2	2"	4"	6x6-W2.9xW2.9 WWR
2VLI3	3"	5"	#4's AT 18" OC EW

6. CLEAN AND COAT ALL STRUCTURAL STEEL SHOWING RUST OR DELAMINATION WITH AN ANTI-CORROSIVE, ZINC RICH, COATING. PREPARE SURFACE PER COATING MANUFACTURER'S RECOMMENDATIONS. NOT ALL LOCATIONS ARE MARKED ON PLAN.
7. AT LOCATIONS (E) DECKING IS CUT AND REMOVED TO FACILITATE NEW WORK, PROVIDE NEW SHEATHING OR 1x DECKING THAT MATCHES FINISHED FLOOR ELEVATIONS OF EXISTING FLOOR DECKING. MULTI-PLY SHEATHING OR USE OF LEVELING COMPOUND ARE ACCEPTABLE IF COMPATIBLE WITH ARCHITECTURAL FLOOR FINISHES.
8. DO NOT CUT (E) JOISTS UNLESS ITS UNAVOIDABLE. CONTRACTOR TO FIELD COORDINATE MEP/(E) JOIST CONFLICTS; LOCATIONS ARE NOT SHOWN ON STRUCTURAL DRAWINGS.
9. PROTECT OPEN SLAB EXCAVATIONS SUCH THAT SOIL MOISTURE CONTENT IS MAINTAINED UNTIL NEW SLAB IS IN PLACE.

TYPICAL DETAIL REFERENCES:

7/2.30	FOR CONCRETE REINFORCING REQUIREMENTS
17/2.30	FOR SLAB ON GRADE KEY PLAN
11/2.30	FOR SPREAD FOOTINGS SCHEDULE AND REQUIREMENTS
10/2.30	FOR BASE PLATES
6/2.31	TYPICAL HORIZ WALL REINF AT CORNERS AND INTERSECTIONS
2/2.36	FOR WOOD FRAMING NAILING
10/2.36	FOR WOOD NOTCHING AND HOLE REQUIREMENTS

SYMBOLS:

- X'-XX" * — DIMENSIONS TO EXISTING STRUCTURE, FIELD VERIFY (ASTERIC)
- SOGXX — SLAB TYPE
- XXX'-XX" — SLAB THICKNESS / T/SLAB
- F1 — FTG MARK (SF = STRIP FTG)
- XX'-X" — T/FTG EL
- CXX — COLUMN SIZE OR MARK
- BP-X — BASE PLATE TYPE
- WC(#) — WOOD COLUMN MARK (#), SEE 6/2.36
- WB(#) — WOOD BEAM MARK (#), SEE 9/2.36
- 2VLIX — DECK TYPE / ABOVE DECK CONCRETE THICKNESS

KEYNOTES:

1. CUT EXISTING JOISTS AND FLOOR SHEATHING AS REQUIRED TO INSTALL NEW HANGERS; DO NOT OVERCUT.
2. KNOWN LOCATIONS OF RUST OR DELAMINATION; NOT ALL LOCATIONS ARE MARKED. SEE BASEMENT PLAN NOTES ABOVE.
3. REMOVE (E) STONE WALL AND INTERFERING FOUNDATION TO 8" MIN BELOW NEW SOG
4. CUT (E) W6 AT FACE OF NEW COLUMNS TO ACHIEVE FULL BEARING ON NEW COLUMN
5. REMOVE (E) W6
6. SHORE AS REQUIRED AND REMOVE EXISTING 2x6 WALL; REPLACE WITH ELEVATOR SHAFT WALL.
7. SHORE AS REQUIRED TO REMOVE EXISTING 2x6 LOAD BEARING WALL UNTIL NEW BEAMS AND/OR FRAMING IS IN PLACE
8. REMOVE AND REPLACE SOG AS REQUIRED FOR ELEVATOR PIT, FOUNDATION WALLS, UNDERGROUND DUCTS, ETC. ; SUPPORT ALL EXISTING STRUCTURE AND PROTECT ALL ELEMENTS TO REMAIN IN FINISHED CONDITION.
9. CUT AND REMOVE CONCRETE WALL EXTENDING ABOVE FLOOR TO AT LEAST 4" BELOW FINISHED SLAB TO ALLOW NEW SLAB TO POUR OVER TOP OF WALL
10. REMOVE AND REPLACE SLAB-ON-GRADE, SEE ARCH FOR EXTENTS.
11. BRACE T/WOOD COLUMN SIM TO 7/2.32.
12. DECK EDGE ANGLE L4x4x5/16; AT CORNERS TRIM HORIZ LEG AND 1/4" FILLET WELD TO PERPENDICULAR ANGLES.
13. REMOVE (E) STAIRS; EXISTING FOUNDATION WALL MAY NEED TO BE EXTENDED DOWN TO ACCOMODATE NEW STAIR PROFILE. WALL TO EXTEND TO BOTTOM OF CIP STAIRS MINIMUM
14. DUCT PENETRATIONS THRU NEW FOUNDATION WALL; REINF PER 19/2.30 TOP OF DUCT TO BE 12" MIN FROM TOP OF WALL.
15. PROVIDE C4x5.4 3" MAX ABOVE NEW DUCT PENETRATION PRIOR TO CUTTING; EXTEND 6" BEYOND PENETRATION EA END. ATTACH TO WALL WITH (3) 3/8" SCREW ANCHORS WITH 4" MIN EMBEDMENT; LOCATE 2" FROM ENDS AND CENTERED ON NEW PENETRATION. DO NOT CUT ADJACENT EXISTING CONC BEAM.

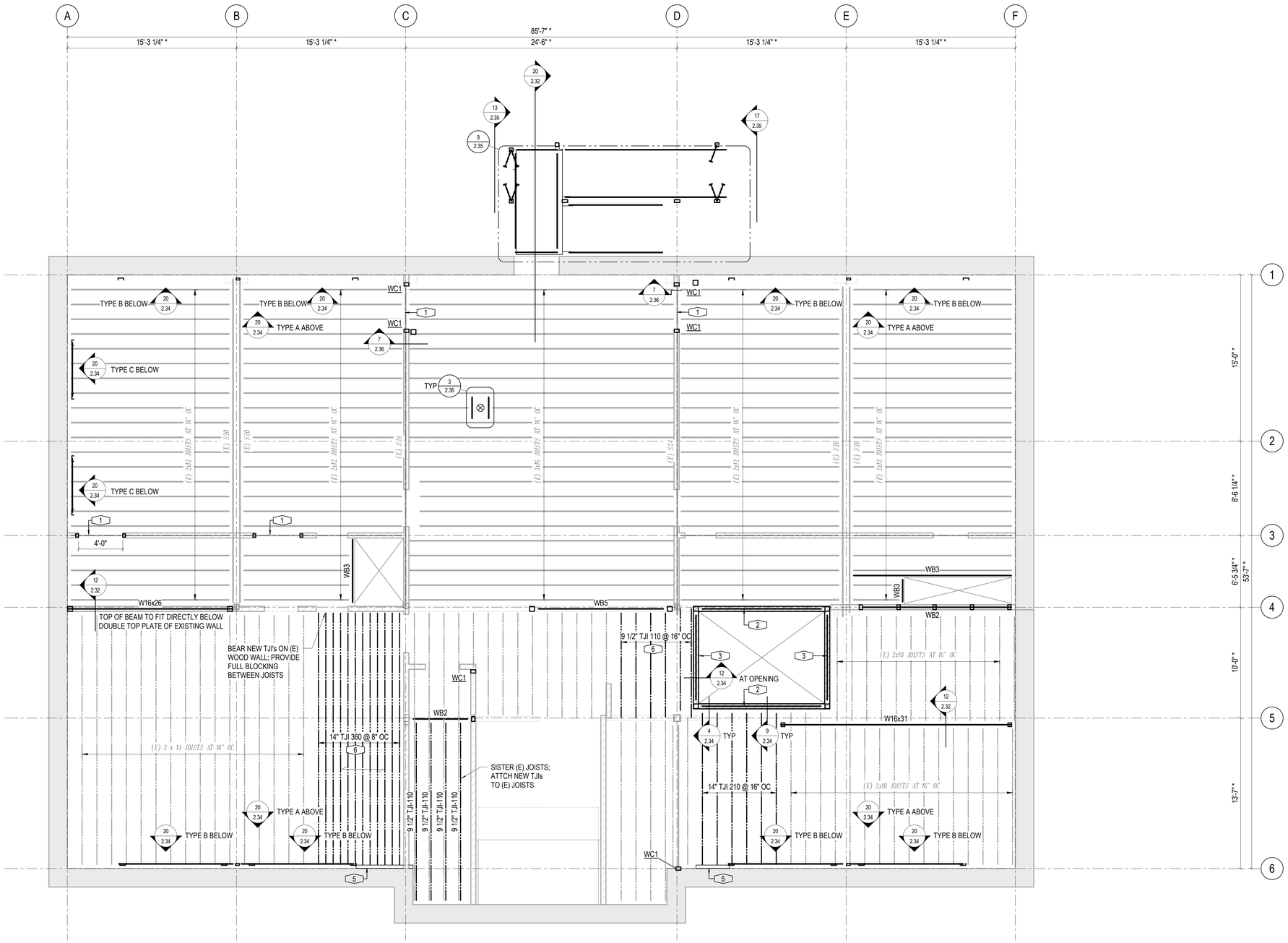
Professional Engineer (Structural) AMANDA N. MILLER 12591 Date 11/20/17 WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No 7 ARCHITECTS
307-283-1411 307-283-1412 307-283-1413
THESE DRAWINGS AND THE DESIGNS HEREIN ILLUSTRATED ARE THE PROPERTY OF STATELINE No. 7 ARCHITECTS AND NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE 7 ARCHITECTS. ©

MARTIN/MARTIN WYOMING
4020 LARAMIE STREET, CHEYENNE, WYOMING 82001
307.637.8422 MMWYO.COM

PROJECT 16-025
DATE 11/20/17
DRAWN NAO
DISK
SHEET BASEMENT
SHEET 2.11



FIRST LEVEL

NORTH 1/4" = 1'-0"

FIRST FLOOR PLAN NOTES:

1. NOT ALL EXISTING ELEMENTS ARE SHOWN. THE INTENT IS TO SHOW ITEMS ADJACENT AND RELATIVE TO NEW STRUCTURAL ELEMENTS. CONTRACTOR TO FIELD VERIFY SIZE AND LOCATION OF (E) ELEMENTS PRIOR TO FABRICATION OR CONSTRUCTION OF NEW WORK.
2. NEW OPENINGS IN EXISTING STONE NOT SHOWN ON DRAWINGS SHALL BE SUBMITTED FOR REVIEW PRIOR TO CUTTING.
3. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR MECHANICAL, ELECTRICAL, OR PLUMBING PENETRATIONS THRU (E) FRAMING
4. REFER TO ARCHITECT'S DRAWINGS FOR ADDITIONAL INFORMATION OF DEMOLISHED AND MODIFIED (E) ELEMENTS.
5. CONTRACTOR VERIFY DIMENSIONS OF (E) ROUGH SAWN LUMBER TO ENSURE PROPER FIT AND INSTALLATION OF JOIST HANGERS.
6. AT ALL HSS WITH EXPOSED ENDS, PROVIDE 3/16" CAP PL WITH 1/8" SEAL WELD UNLESS NOTED OTHERWISE
7. AT LOCATIONS (E) DECKING IS CUT AND REMOVED TO FACILITATE NEW WORK, PROVIDE NEW SHEATHING OR 1x DECKING THAT MATCHES FINISHED FLOOR ELEVATIONS OF EXISTING FLOOR DECKING. MULTI-PLY SHEATHING OR USE OF LEVELING COMPOUND ARE ACCEPTABLE IF COMPATIBLE WITH ARCHITECTURAL FLOOR FINISHES.
8. REMOVE 'X-BRACING' BETWEEN FLOOR JOISTS AS REQUIRED FOR MEP. DO NOT REMOVE (2) ADJACENT ROWS; ALL JOISTS MUST HAVE 'X-BRIDGING' ATTACHED TO ONE SIDE.

TYPICAL DETAIL REFERENCES:

2/2.36 FOR WOOD FRAMING NAILING
10/2.36 FOR WOOD NOTCHING AND HOLE REQUIREMENTS

SYMBOLS:

X'-XX" * — DIMENSIONS TO EXISTING STRUCTURE, FIELD VERIFY (ASTERIC)
WC(#) — WOOD COLUMN MARK (#), SEE 6/2.36
WB(#) — WOOD BEAM MARK (#), SEE 9/2.36

KEYNOTES:

1. REMOVE EXISTING 2x6 LOAD BEARING WALL
2. HSS5x5x5/16, SPACE AS REQ'D BY THE ELEVATOR MANUFACTURER FOR ELEVATOR RAIL ATTACHMENT. GC TO COORDINATE EXACT LOCATIONS WITH ARCH/ELEV SUPPLIER DRAWINGS AND ELEVATOR SUPPLIER. HSS DESIGNED FOR 690# OUT-OF-PLANE OF HSS AND 920# IN-PLANE OF HSS. GC TO PROVIDE EOR WITH FINAL ELEVATOR SELECTION AND LOADS.
3. HSS5x5x5/16, LOCATE AT EACH FLOOR ADJACENT TO THE NEAREST ELEVATOR RAIL SUPPORT, 12'-0" OC MAX.
4. REMOVE EXISTING 2x6 LOAD BEARING WALL
5. REMOVE EXISTING 2x4 FURRING AS REQUIRED FOR NEW 1 1/2x3 1/2 LSL WALL TO SUPPORT NEW TJI's
6. REMOVE (E) JOISTS AND FLOOR SHEATHING AS REQUIRED TO INSTALL NEW FRAMING. CONTRACTOR'S OPTION TO PROVIDE TJI's AT 8" OC AS SHOWN OR (2) TJI's AT 16" OC AS SHOWN IN 8/2.36 ; BRIDGING PER JOIST MNFR REQUIREMENTS. COORD WITH MEP REQUIREMENTS.

Professional Engineer (Structural)
AMANDA N. MILLER
12591
Date 11/20/17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7 ARCHITECTS
307.235.1511 Office
307.235.1512 Fax
307.234.8422 Home
THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS.

MARTIN/MARTIN WYOMING
4020 LARAMIE STREET, CHEYENNE, WYOMING 82001
307.637.8422 MMWYO.COM

PROJECT
16-025

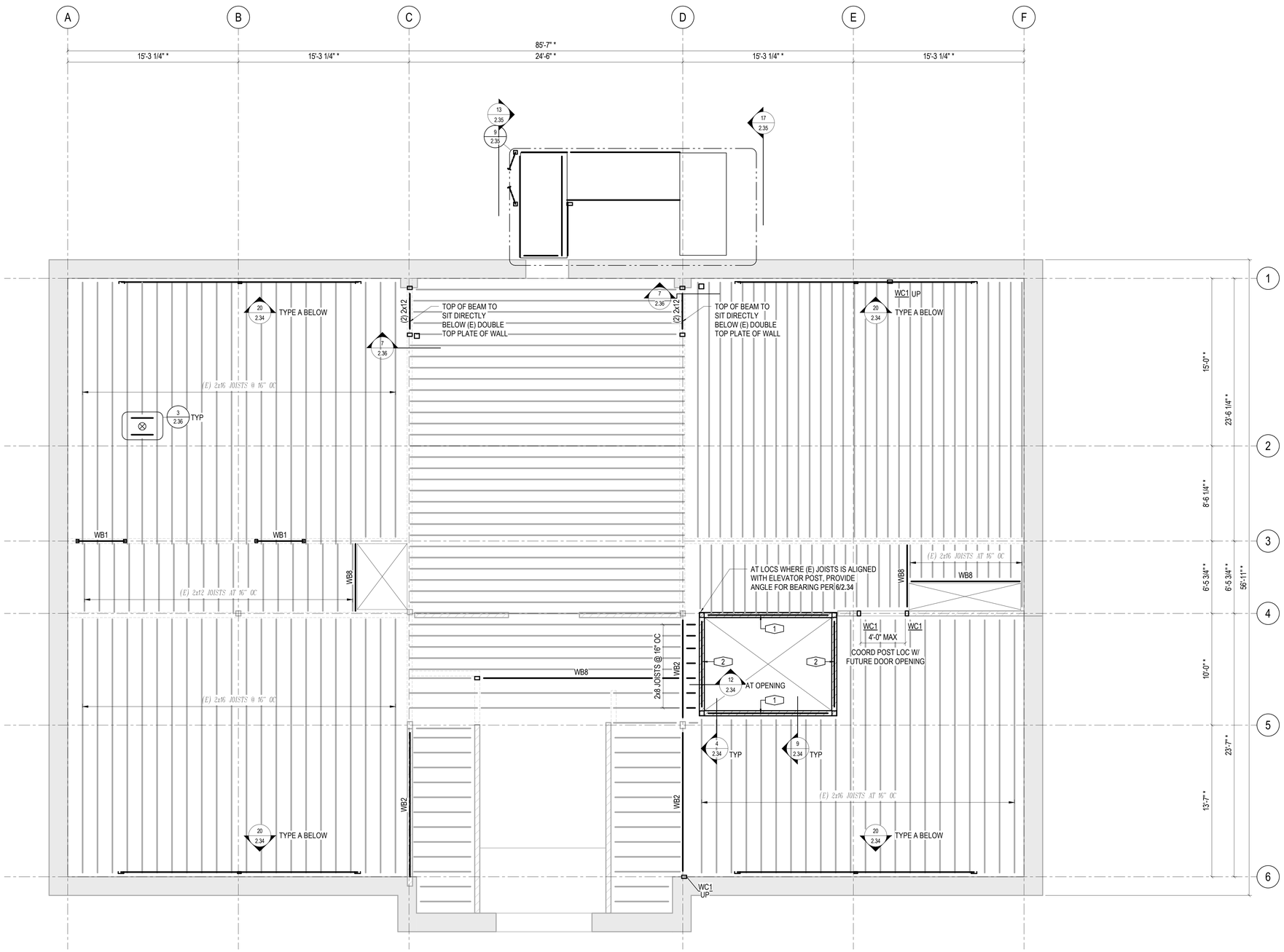
DATE
11/20/17

DRAWN
NAO

DISK

SHEET
FIRST FLOOR

SHEET
2.12



SECOND LEVEL

NORTH 1/4" = 1'-0"

SECOND FLOOR PLAN NOTES:

1. NOT ALL EXISTING ELEMENTS ARE SHOWN. THE INTENT IS TO SHOW ITEMS ADJACENT AND RELATIVE TO NEW STRUCTURAL ELEMENTS. CONTRACTOR TO FIELD VERIFY SIZE AND LOCATION OF (E) ELEMENTS PRIOR TO FABRICATION OR CONSTRUCTION OF NEW WORK.
2. NEW OPENINGS IN EXISTING STONE NOT SHOWN ON DRAWINGS SHALL BE SUBMITTED FOR REVIEW PRIOR TO CUTTING.
3. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR MECHANICAL, ELECTRICAL, OR PLUMBING PENETRATIONS THRU (E) FRAMING
4. REFER TO ARCHITECT'S DRAWINGS FOR ADDITIONAL INFORMATION OF DEMOLISHED AND MODIFIED (E) ELEMENTS.
5. CONTRACTOR VERIFY DIMENSIONS OF (E) ROUGH SAWN LUMBER TO ENSURE PROPER FIT AND INSTALLATION OF JOIST HANGERS.
6. AT ALL HSS WITH EXPOSED ENDS, PROVIDE 3/16" CAP PL WITH 1/8" SEAL WELD UNLESS NOTED OTHERWISE
7. AT LOCATIONS (E) DECKING IS CUT AND REMOVED TO FACILITATE NEW WORK, PROVIDE NEW SHEATHING OR 1x DECKING THAT MATCHES FINISHED FLOOR ELEVATIONS OF EXISTING FLOOR DECKING. MULTI-PLY SHEATHING OR USE OF LEVELING COMPOUND ARE ACCEPTABLE IF COMPATIBLE WITH ARCHITECTURAL FLOOR FINISHES.
8. REMOVE 'X-BRACING' BETWEEN FLOOR JOISTS AS REQUIRED FOR MEP. DO NOT REMOVE (2) ADJACENT ROWS; ALL JOISTS MUST HAVE 'X-BRIDGING' ATTACHED TO ONE SIDE.

TYPICAL DETAIL REFERENCES:

2/2.36 FOR WOOD FRAMING NAILING
10/2.36 FOR WOOD NOTCHING AND HOLE REQUIREMENTS

SYMBOLS:

X'-XX" * DIMENSIONS TO EXISTING STRUCTURE, FIELD VERIFY (ASTERIC)
WC(#) WOOD COLUMN MARK (#), SEE 6/2.36
WB(#) WOOD BEAM MARK (#), SEE 9/2.36

KEYNOTES:

1. HSS5x5x5/16, SPACE AS REQ'D BY THE ELEVATOR MANUFACTURER FOR ELEVATOR RAIL ATTACHMENT. GC TO COORDINATE EXACT LOCATIONS WITH ARCH/ELEV SUPPLIER DRAWINGS AND ELEVATOR SUPPLIER. HSS DESIGNED FOR 690# PERPENDICULAR TO HSS AND 920# PARALLEL TO HSS. GC TO PROVIDE EOR WITH FINAL ELEVATOR SELECTION AND LOADS.
2. HSS5x5x5/16, LOCATE AT EACH FLOOR ADJACENT TO THE NEAREST ELEVATOR RAIL SUPPORT, 12'-0" OC MAX.

Professional Engineer (Structural)
AMANDA N. MILLER
12591
Date 11/20/17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7 ARCHITECTS
Cheyenne, WY 82001
307.635.1515
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS.

MARTIN/MARTIN
WYOMING
4020 LARAMIE STREET, CHEYENNE, WYOMING 82001
307.637.8422
MMWYO.COM

PROJECT
16-025

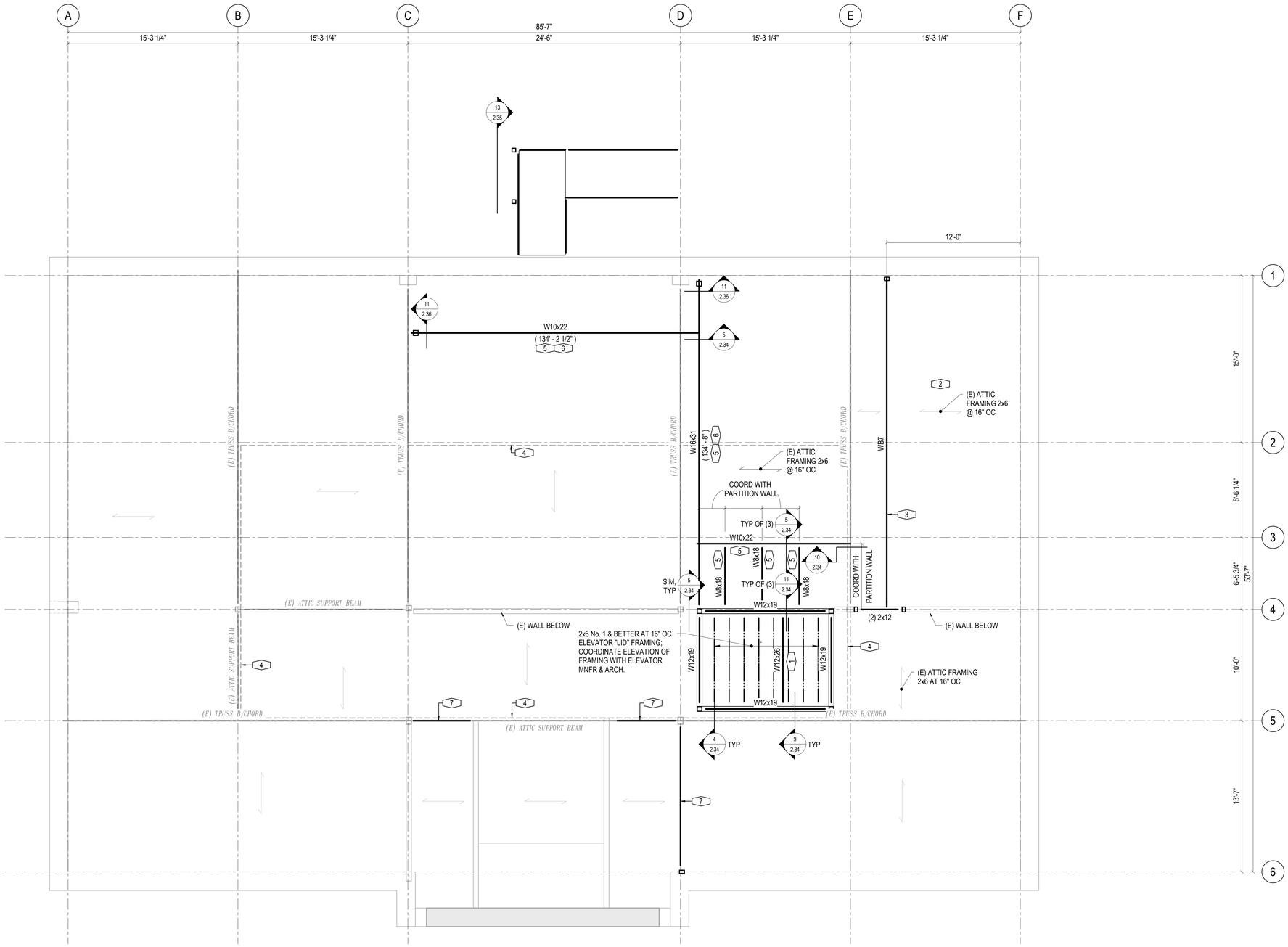
DATE
11/20/17

DRAWN
NAO

DISK

SHEET
SECOND FLOOR

SHEET
2.13



ROOF FRAMING & ATTIC FRAMING

NORTH 1/4" = 1'-0"

ROOF & ATTIC FRAMING PLAN NOTES:

1. NOT ALL EXISTING ELEMENTS ARE SHOWN. THE INTENT IS TO SHOW ITEMS ADJACENT AND RELATIVE TO NEW STRUCTURAL ELEMENTS. CONTRACTOR TO FIELD VERIFY SIZE AND LOCATION OF (E) ELEMENTS PRIOR TO FABRICATION OR CONSTRUCTION OF NEW WORK.
2. NEW OPENINGS IN EXISTING STONE NOT SHOWN ON DRAWINGS SHALL BE SUBMITTED FOR REVIEW PRIOR TO CUTTING.
3. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR MECHANICAL, ELECTRICAL, OR PLUMBING PENETRATIONS THRU (E) FRAMING
4. REFER TO ARCHITECT'S DRAWINGS FOR ADDITIONAL INFORMATION OF DEMOLISHED AND MODIFIED (E) ELEMENTS.
5. CONTRACTOR VERIFY DIMENSIONS OF (E) ROUGH SAWN LUMBER TO ENSURE PROPER FIT AND INSTALLATION OF JOIST HANGERS.
6. AT ALL HSS WITH EXPOSED ENDS, PROVIDE 3/16" CAP PL WITH 1/8" SEAL WELD UNLESS NOTED OTHERWISE
7. DO NOT USE ATTIC FOR STORAGE OF ANY KIND.

SYMBOLS:

X'-XX" * — DIMENSIONS TO EXISTING STRUCTURE, FIELD VERIFY (ASTERIC)

WC(#) — WOOD COLUMN MARK (#), SEE **6/2.36**

WB(#) — WOOD BEAM MARK (#), SEE **9/2.36**

SPAN DIRECTION OF (E) JOISTS

KEYNOTES:

1. ELEVATOR HOIST BEAM, GC TO COORDINATE ELEVATION AND LOCATION WITH ELEVATOR MNFR
2. CONTRACTOR'S OPTION TO PROVIDE NEW BM WHERE WALL PREVIOUSLY WAS REMOVED OR REMOVE AND REPLACE (E) JOISTS WITH 2x8'S NO. 1 OR BETTER TO SPAN BETWEEN TRUSS BOTTOM CHORD AND WALL. DESIGN LOADS FOR JOISTS/BEAM WERE TAKEN TO BE DL = 10 PSF AND LL = 5 PSF.
3. REMOVE POST AND (E) TOP PLATES FROM WALL THAT HAS PREVIOUSLY BEEN DEMOLISHED.
4. ADD STIFFENERS TO VERTICAL MEMBERS SPANNING BETWEEN WALLS THAT SUPPORT THE ATTIC FRAMIND AND ROOF BEAMS; SEE **4/2.36** . NOT ALL LOCATIONS ARE MARKED ON PLAN.
5. SHOP DRILL HOLES IN BOTTOM FLANGE FOR FUTURE PARTITION WALL HANGERS. GC TO COORD WITH PARTITION WALL MNFR. ELEVATION OF STEEL TO BE LOCATED TO CLEAR (E) B/CHORD OF ROOF TRUSSES = 133'- 4"*
6. BRACE BOTTOM FLANGE TO ATTIC FRAMING AT 1/3 POINTS
7. NEW WOOD BEAMS FOR FUTURE PHASE

Professional Engineer (Structural)
AMANDA N. MILLER
12591
Date 11/20/17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No 7 ARCHITECTS
Cheyenne Sheridan Jackson
307.635.9311
307.672.7421
307.733.4550

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE 7 ARCHITECTS.

MARTIN/MARTIN WYOMING
4020 LARAMIE STREET, CHEYENNE, WYOMING 82001
307.637.8422
MMWYO.COM

PROJECT
16-025

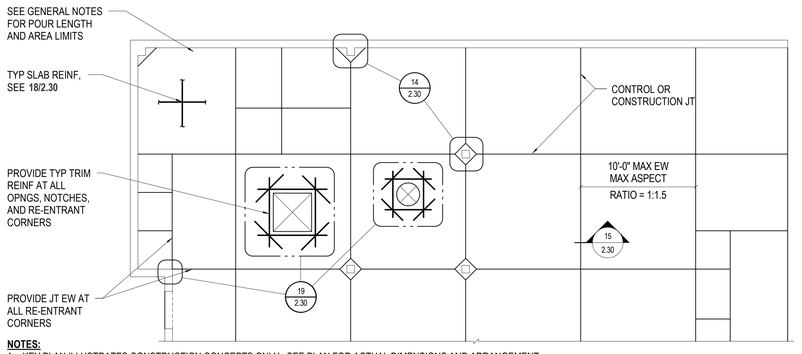
DATE
11/20/17

DRAWN
NAO

DISK

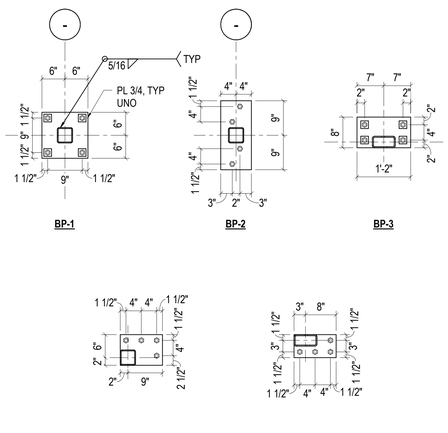
SHEET
ROOF FRAMING & ATTIC FRAMING

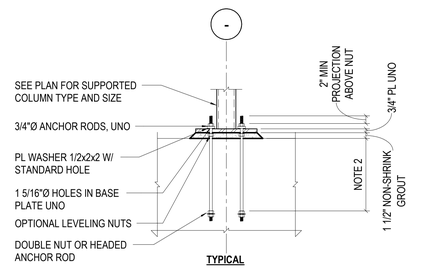
SHEET
2.14



NOTES:
1. KEY PLAN ILLUSTRATES CONSTRUCTION CONCEPTS ONLY. SEE PLAN FOR ACTUAL DIMENSIONS AND ARRANGEMENT
2. PROVIDE ADDITIONAL CONTROL JOINTS AT ABRUPT CHANGES IN THICKNESS AND LOCATIONS PRONE TO CRACKING, COORD LOCS WITH FLOOR FINISHES AND INTERIOR WALLS

17 NO SCALE TYP SOG KEY PLAN





NOTES:
1. ALL AROUND WELD MAY BE USED IN LIEU OF THE WELD SHOWN
2. 12xANCHOR RODØ, DECREASE AS REQUIRED TO PROVIDE 3" CLEAR COVER AT FOOTING LOCATIONS
3. 2"Ø MAXIMUM GROUT HOLE AT CONTRACTOR'S OPTION. ONE OR TWO GROUT HOLES RECOMMENDED FOR BASE PLATES LARGER THAN 24" IN WIDTH.

10 NO SCALE TYPICAL GRAVITY COLUMN BASE PLATE

LAP SPLICE AND DEVELOPMENT LENGTH SCHEDULE (INCHES)

BAR SIZE (IN-LB)	BAR SIZE (METRIC)	F'c = 3,000 PSI THRU 3,500 PSI							F'c = 4,000 PSI							F'c = 5,000 PSI						
		COMP		TENSION					COMP		TENSION					COMP		TENSION				
		LCE	LCS	LDH	LTE TOP	LTE OTHER	LTS TOP	LTS OTHER	LCE	LCS	LDH	LTE TOP	LTE OTHER	LTS TOP	LTS OTHER	LCE	LCS	LDH	LTE TOP	LTE OTHER	LTS TOP	LTS OTHER
#3	#10	9	12	6	22	16	28	21	8	12	6	19	14	24	18	8	12	6	17	13	22	17
#4	#13	11	15	8	29	22	37	28	10	15	7	25	19	32	25	9	15	6	22	17	29	22
#5	#16	14	19	10	36	27	46	36	12	19	8	31	24	40	31	12	19	8	28	21	36	28
#6	#19	17	23	12	43	33	56	43	15	23	11	37	28	48	37	14	23	9	33	25	43	33
#7	#22	19	27	13	63	48	81	62	17	27	12	54	42	70	54	16	27	11	49	37	63	48
#8	#25	22	30	15	72	55	93	71	19	30	13	62	47	80	62	18	30	12	55	42	72	55
#9	#29	25	34	18	81	62	105	80	22	34	15	70	54	91	70	21	34	13	63	48	81	62
#10	#32	28	38	20	91	70	118	90	24	38	17	79	60	102	78	23	38	15	70	54	91	70
#11	#36	31	43	22	101	77	131	100	27	43	19	87	67	113	87	26	43	17	78	60	101	78

GENERAL NOTES:
1. 'LCE' = COMPRESSION EMBEDMENT LENGTH
   'LCS' = COMPRESSION LAP SPLICE LENGTH
   'LDH' = HOOK DEVELOPMENT LENGTH
   'LTE' = TENSION EMBEDMENT LENGTH
   'LTS' = TENSION LAP SPLICE LENGTH
2. 'TOP' BARS ARE HORIZONTAL BARS PLACED SUCH THAT MORE THAN 12 IN OF FRESH CONCRETE IS CAST BELOW THE BAR
3. ALL BARS THAT ARE NOT 'TOP' BARS ARE 'OTHER' BARS
4. UNLESS NOTED OTHERWISE, ALL HOOK BARS SHALL EXTEND TO THE FAR FACE (LESS 2" COVER)

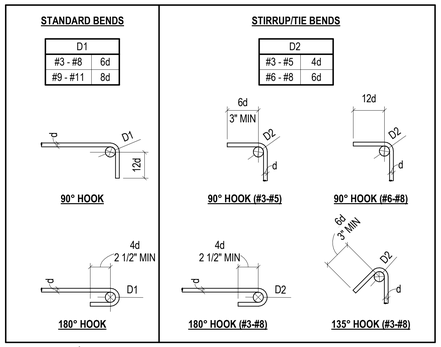
LAP SPLICE NOTES:
1. ALL SPLICES SHALL BE WIRED IN CONTACT. TOP AND BOTTOM BEAM SPLICES SHALL BE STACKED VERTICALLY
2. ALL SPLICES ARE 'LTS' UNLESS NOTED OTHERWISE
3. SMALLER BAR LAP LENGTH SHALL BE USED WHEN SPLICING DIFFERENT SIZED BARS
   A. COMPRESSION LAP LENGTH SHALL NOT BE LESS THAN 'LCE' OF THE LARGER BAR
   B. TENSION LAP LENGTH SHALL NOT BE LESS THAN 'LTE' OF THE LARGER BAR
4. LAP LENGTHS SPECIFICALLY DETAILED ON DRAWINGS SHALL GOVERN IN LIEU OF LAP LENGTHS SCHEDULED
5. BUNDLED BAR SPLICES:
   A. INDIVIDUAL BAR SPLICES WITHIN THE BUNDLE SHALL BE STAGGERED
   B. INCREASE LAP LENGTH 20% FOR A 3 BAR BUNDLE
   C. INCREASE LAP LENGTH 33% FOR A 4 BAR BUNDLE
6. IF A NOTE OR DETAIL CALLS FOR A BAR TO BE EMBEDDED Ld (DEVELOPMENT LENGTH) INTO CONCRETE, THIS LENGTH SHALL CORRESPOND TO A 'LTE' LAP

ADJUSTMENTS TO GIVEN LENGTHS:
1. IF REINFORCING IS SPECIFIED AS EPOXY COATED, INCREASE SCHEDULED LENGTHS BY 50%
2. IF LIGHTWEIGHT AGGREGATE IS SPECIFIED, INCREASE SCHEDULED LAP BY LENGTHS 30%
3. SCHEDULED LENGTHS ASSUME:
   A. CLEAR COVER IS GREATER THAN 1.5xBAR DIAMETER, BUT NOT LESS THAN 3/4"
   B. CLEAR SPACING BETWEEN BARS IS GREATER THAN 2 BAR DIAMETERS
   C. IF EITHER CONDITION A OR B IS NOT MET FOR A GIVEN BAR, INCREASE LENGTHS BY 50%
4. LENGTHS NOTED BASED ON Fy = 60,000 PSI. FOR OTHER YIELD STRENGTHS, MULTIPLY LENGTHS NOTED BY Fy/60,000
5. IF DEVELOPMENT OR LAP LENGTH IS SHOWN, BUT CANNOT BE ACHIEVED, EXTEND BAR TO FAR FACE (LESS 2" COVER) OF CONCRETE

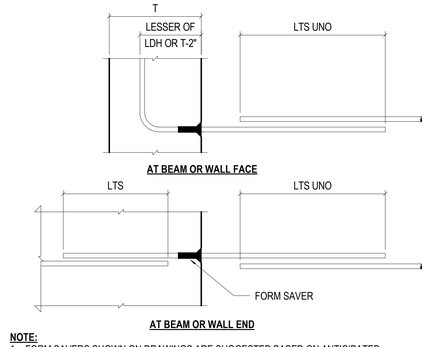
HOOK EMBEDMENT NOTES:
1. SCHEDULED HOOK EMBEDMENT LENGTHS ASSUME:
   A. SIDE COVER IS 2 1/2 INCHES OR GREATER
   B. COVER BEYOND IS 2 INCHES OR GREATER
2. IF REINFORCING IS SPECIFIED AS EPOXY COATED, INCREASE SCHEDULED LENGTHS BY 20%
3. IF LIGHTWEIGHT AGGREGATE IS SPECIFIED, INCREASE SCHEDULED LENGTHS BY 30%
4. IF SIDE COVER IS LESS THAN 2 1/2 INCHES, INCREASE LENGTHS BY 40%

REBAR COVER TABLE

CASE	COVER (IN)
CONCRETE PLACED AGAINST EARTH	3
CONCRETE PLACED IN FORMS, EXPOSED TO WEATHER OR EARTH	2
COLUMNS AND BEAMS	1 1/2
SLABS OR WALLS NOT EXPOSED TO EARTH OR WEATHER	1



NOTES:
1. ALL BENDS SHALL BE MADE COLD
2. #14 & #18 BARS SHALL BE BEND TESTED & LAB APPROVED PRIOR TO BENDING



NOTE:
1. FORM SAVERS SHOWN ON DRAWINGS ARE SUGGESTED BASED ON ANTICIPATED CONSTRUCTION SEQUENCE AND FORMING SYSTEM. GENERAL CONTRACTORS AND SUB-CONTRACTORS MAY COORDINATE AND INSTALL CONTINUOUS BARS OR BREAK-OUT BARS TO PROVIDE EQUIVALENT CONTINUITY.

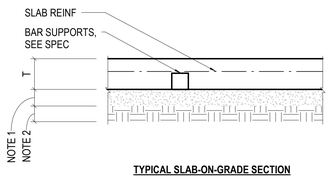
TYPICAL REINFORCING BENDS

NOTE: SEE 4/2.30 FOR TYPICAL REBAR WELDING SCHEDULE WHERE APPLICABLE OR INDICATED ON PLANS

7 12" = 1'-0" REINFORCING DEVELOPMENT, PLACEMENT, AND BEND INFO

SLAB ON GRADE SCHEDULE

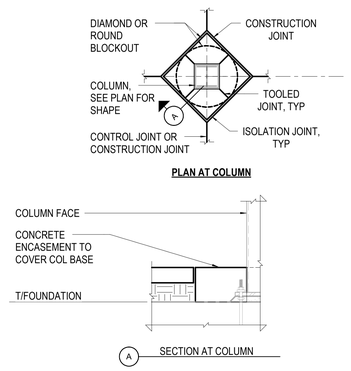
TYPE	THICKNESS T	REINF	BAR POSITION
SOG4	4"	#4 @ 18" OC	CENTER
SOG6	6"	#4 @ 16" OC	CENTER



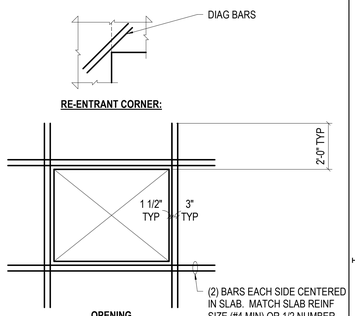
TYPICAL SLAB-ON-GRADE SECTION

NOTES:
1. GRANULAR COURSE: 6" MIN COMPACTED GRANULAR FILL OR AS RECOMMENDED BY GEOTECHNICAL ENGINEER
2. PREPARED/COMPACTED SUBGRADE TO MEET 2000 PSF MINIMUM.

18 NO SCALE TYP SOG SCHEDULE



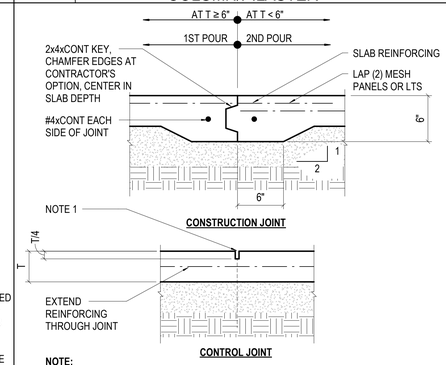
14 NO SCALE SOG BLOCKOUT AT COLUMN/PILASTER



(2) BARS EACH SIDE CENTERED IN SLAB. MATCH SLAB REINF SIZE (#4 MIN) OR 1/2 NUMBER OF INTERRUPTED BARS BY OPENING, PLUS 1; (USE WHICHEVER REQUIRES MORE REINF).

NOTES:
1. DETAIL APPLIES FOR ALL OPNGS; REINF NOT REQUIRED AT OPNGS SMALLER THAN 9"x9"

19 NO SCALE TYP TRIM REINF

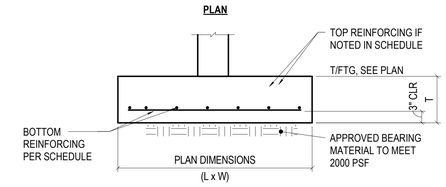


NOTE:
1. PROVIDE TOOLED JOINT OR SAW CUT AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT CUTTING WITHOUT CHIPPING, SPALLING, OR TEARING (BUT NOT MORE THAN 12 HOURS AFTER CASTING)

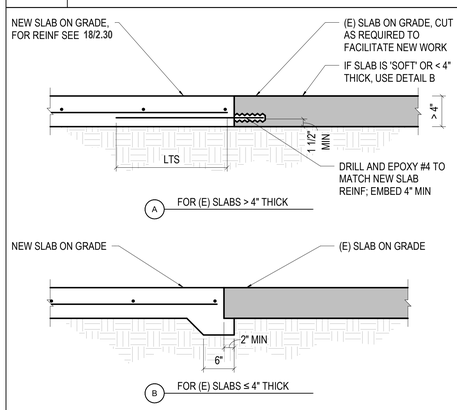
15 NO SCALE SLAB-ON-GRADE JOINTS

SPREAD FOOTING SCHEDULE - 2000 PSF			
MARK	FOOTING SIZE L x W x T	REINF	SERVICE CAPACITY (KIPS)
F4x4	4'-0"x4'-0"x1'-0"	(5) #5 EW	32
F3x3	3'-0"x3'-0"x1'-0"	(4) #5 EW	18
F2x2	2'-0"x2'-0"x1'-0"	(3) #5 EW	8

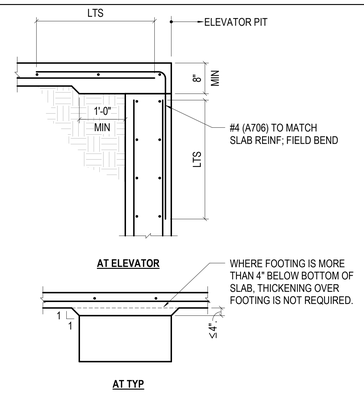
NOTE: FOOTING IS TO BE CENTERED UNDER COLUMN UNLESS DIMENSIONED OTHERWISE ON PLAN.



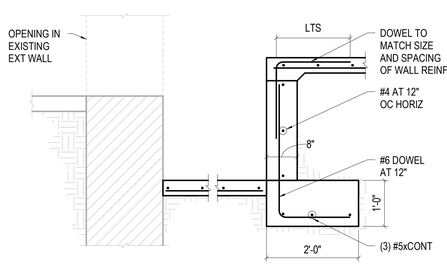
11 NO SCALE SPREAD FOOTING SCHEDULE & DETAILS



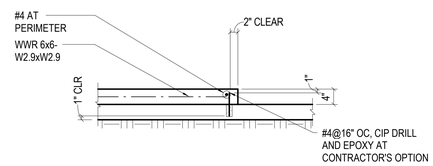
20 NO SCALE NEW TO (E) SLAB TRANSITION



16 NO SCALE NEW INT THRESHOLDS

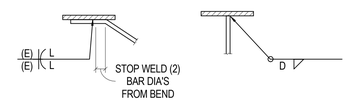


12 NO SCALE DEPRESSED SLAB AT SOUTH MAN DOOR



NOTES:
1. SEE ARCHITECT FOR SIZE, THICKNESS, AND LOCATIONS
2. WWR TO MATCH THAT OF SLAB OR 6x6-W2.9xW2.9 WHERE SLAB WWR NOT IDENTIFIED

8 NO SCALE TYPICAL SOG EQUIPMENT PAD



BAR SIZE	E	L
#3	3/16	2
#4	1/4	2 1/2
#5	5/16	3
#6	3/8	3 1/2
#7	7/16	4
#8	1/2	4 1/2

BAR SIZE	D
#3	1/4
#4	5/16
#5	3/8
#6	7/16
#7	1/2
#8	9/16

NOTES:
1. ALL WELDED REBAR SHALL BE A706

4 NO SCALE TYPICAL REBAR WELD SCHEDULE

Professional Engineer (Structural) AMANDA N. MILLER 12591 Date 11/20/17 WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline ARCHITECTS
Cheyenne, WY 82001 307.635.1154 Sundance, WY 82729 307.283.1515 www.stateline-architects.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS.

MARTIN/MARTIN WYOMING
4020 LARAMIE STREET, CHEYENNE, WYOMING 82001
307.637.8422 MMWYO.COM

PROJECT
16-025

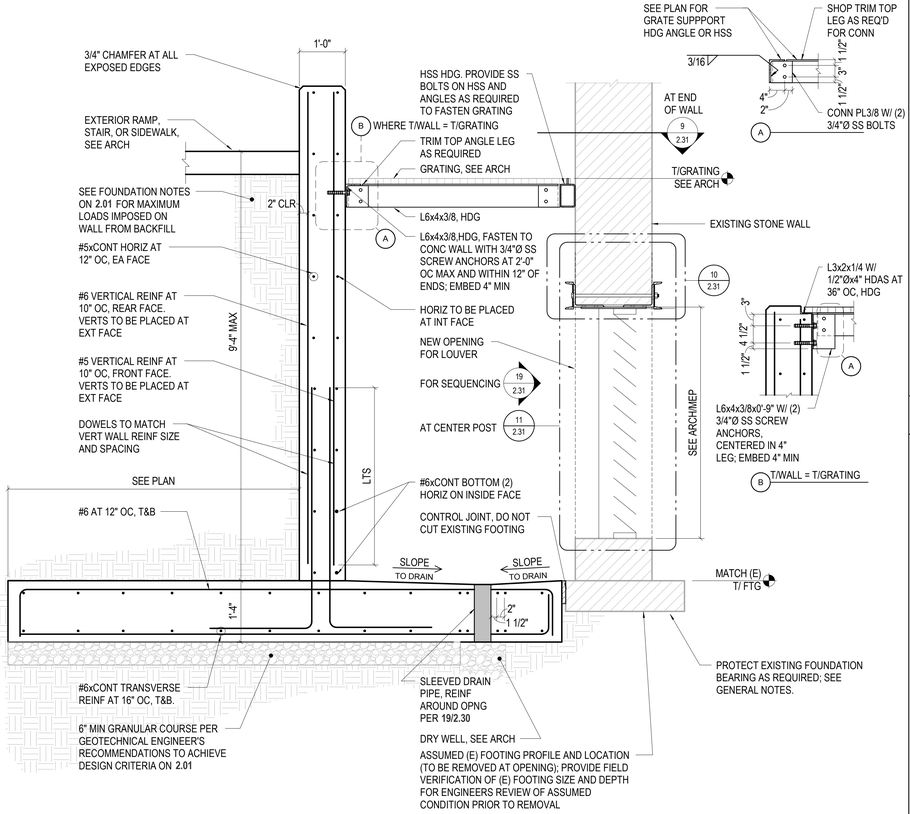
DATE
11/20/17

DRAWN
NAO

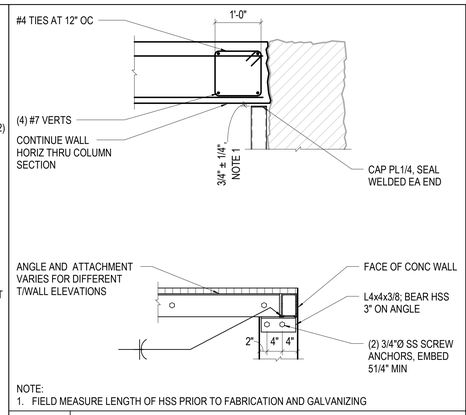
DISK

SHEET
CONCRETE DETAILS

SHEET
2.30

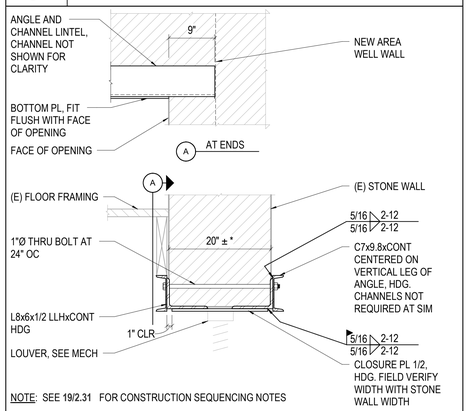


18 NO SCALE AREA WELL WALLS



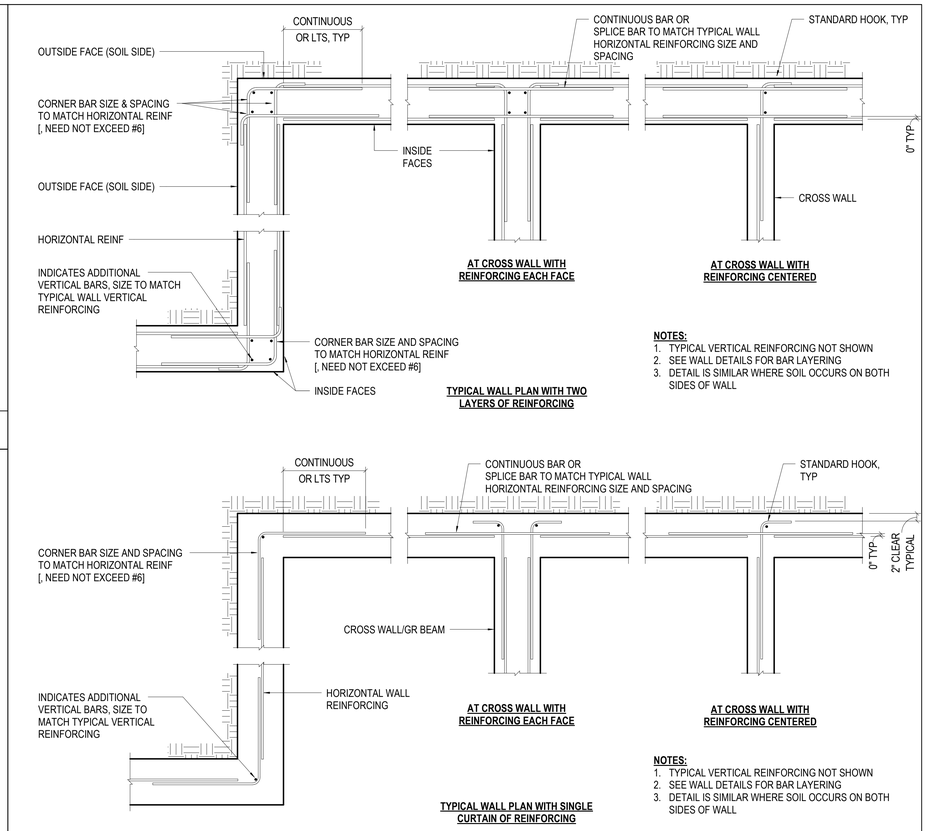
NOTE:
1. FIELD MEASURE LENGTH OF HSS PRIOR TO FABRICATION AND GALVANIZING

9 NO SCALE END OF AREA WELL WALL



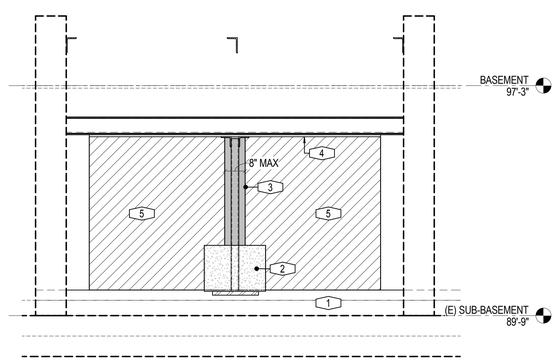
NOTE: SEE 19/2.31 FOR CONSTRUCTION SEQUENCING NOTES

10 NO SCALE RETRO-FIT LINTEL AT LOUVERS



NOTE: AT CONTRACTOR'S OPTION, FORM SAVERS MAY BE USED AT CORNERS AND INTERSECTIONS FOR HORIZ REINF INSTEAD OF CORNER BARS

6 NO SCALE TYPICAL HORIZONTAL REINFORCING AT BASEMENT AND FOUNDATION WALLS

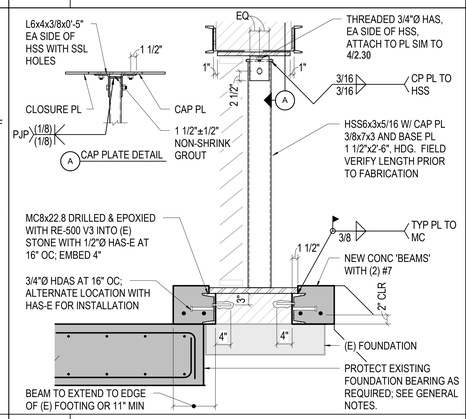


CONSTRUCTION SEQUENCING NOTES:

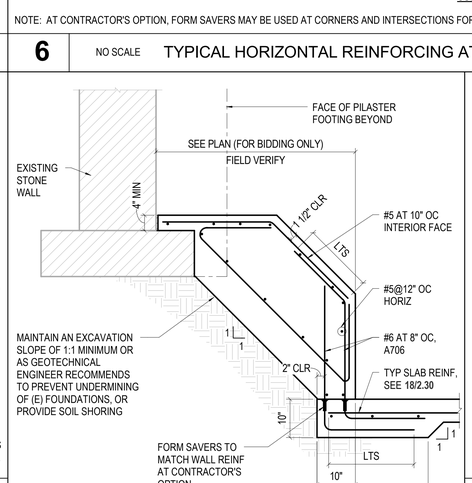
1. INSTALL MC CHANNELS, FORM AND POUR BEAMS ADJACENT TO (E) STONE WALL PER 11/2.31 (KEYNOTE 1).
2. AFTER THE BEAMS HAVE CURED FOR A MINIMUM OF 7 DAYS OR 75% OF DESIGN STRENGHTH, CUT A SMALL OPENING IN BOTTOM OF STONE TO INSERT BASE PLATE; 2'-0" HIGH AND 2'-6" WIDE MAXIMUM (KEYNOTE 2).
3. 'TOOTH' IN HSS POST & INSTALL PLATE UNDER CHANNEL/ ANGLE LINTEL. ATTACH ANGLES AND PLACE NON-SHRINK GROUT BETWEEN POST AND PLATE TO PROVIDE FULL BEARING ON PLATE (KEYNOTE 3).
4. CUT STONE AT TOP OF LOUVER OPENING JUST LARGE ENOUGH TO ENABLE INSTALLATION OF THE CHANNEL/ANGLE LINTEL. CUT ONE SIDE (INTERIOR OR EXTERIOR) AT AT TIME AND INSTALL ANGLES; ANGLES SHOULD STILL BEAR ON STONE BELOW (KEYNOTE 4).
5. REMOVE REMAINING STONE REQUIRED FOR LOUVER OPENING (KEYNOTE 5).

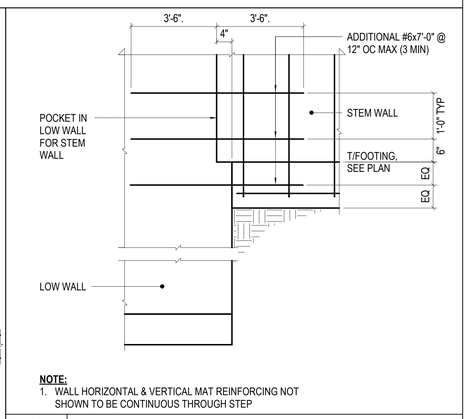
NOTE: THE INTENT OF THIS SEQUENCE OF CONSTRUCTIN IS TO KEEP SIMILAR AND CONTINUOUS LOADING ON THE (E) FOOTING AT ALL TIMES DURING THE CONSTRUCTION PROCESS. AT NO TIME SHALL LOAD BE DISTRIBUTED AND CONCENTRATED TO THE JAMBS OF THE LOUVER OPENINGS.

19 NO SCALE CONSTRUCTION SEQUENCING OF LOUVERS

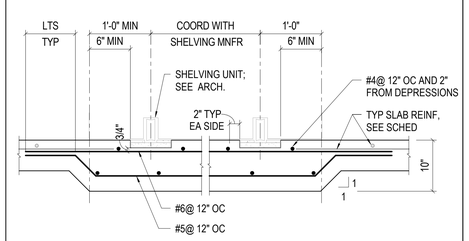


11 NO SCALE POST AT LOUVER

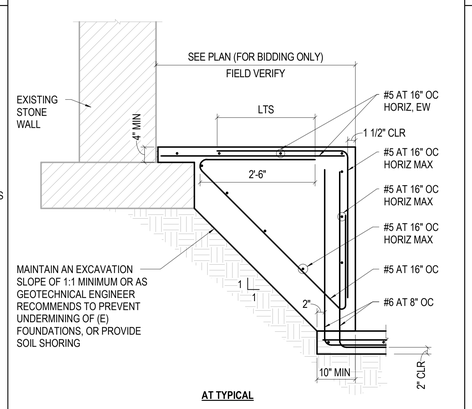




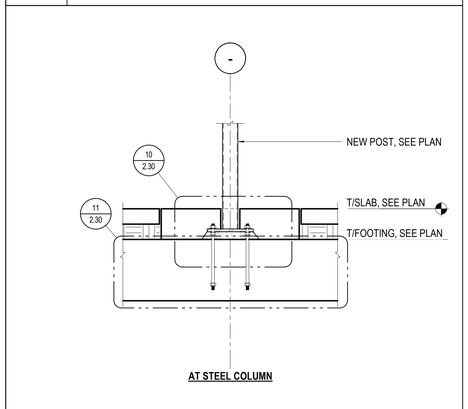
3 NO SCALE STRIP FOOTING & WALL STEP



12 NO SCALE SLAB AT HIGH DENSITY STORAGE



8 NO SCALE SUB-BASEMENT INT RETAINING WALL

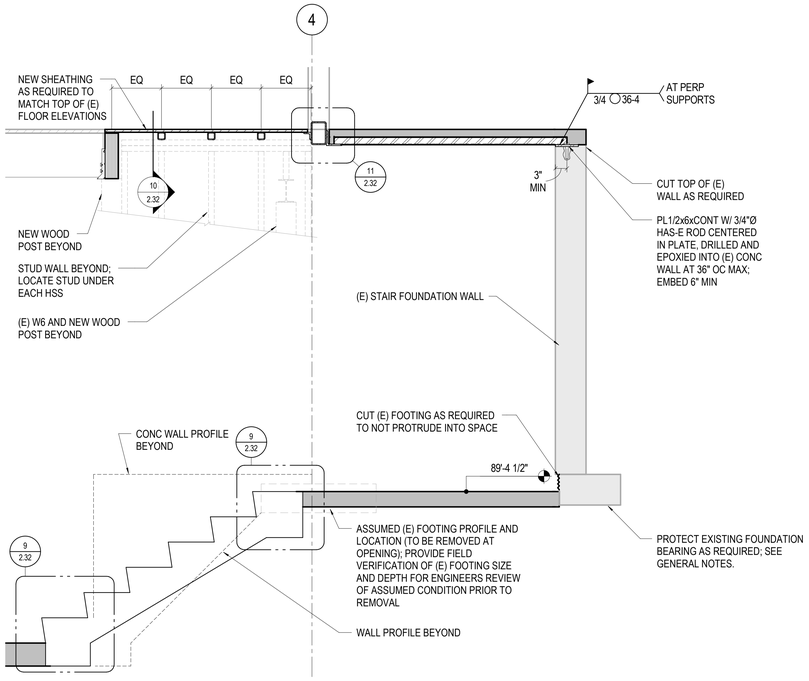


4 NO SCALE BASE OF COLS IN SUB-BASEMENT

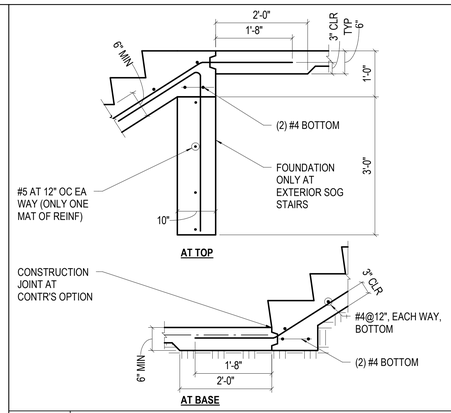
Professional Engineer (Structural)
AMANDA N. MILLER
12591
Date 11/20/17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

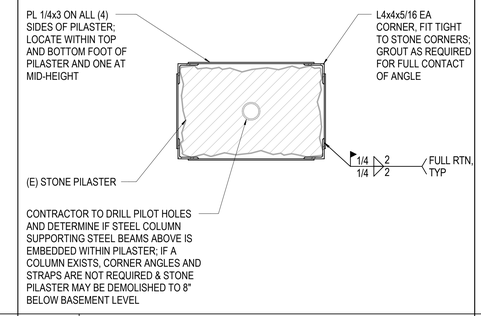
Stateline Architects
Wyoming Corporation
Nebraska Corporation
Colorado Corporation
Nevada Corporation
Utah Corporation
Idaho Corporation
Montana Corporation
Arizona Corporation
Washington Corporation
California Corporation
Texas Corporation
Florida Corporation
Hawaii Corporation
Alaska Corporation
Illinois Corporation
Michigan Corporation
Minnesota Corporation
Wisconsin Corporation
Iowa Corporation
Kansas Corporation
Missouri Corporation
Oklahoma Corporation
Arkansas Corporation
Louisiana Corporation
Mississippi Corporation
Alabama Corporation
Georgia Corporation
Tennessee Corporation
Kentucky Corporation
Indiana Corporation
Ohio Corporation
Pennsylvania Corporation
New York Corporation
Vermont Corporation
New Hampshire Corporation
Maine Corporation
Massachusetts Corporation
Connecticut Corporation
Rhode Island Corporation
New Jersey Corporation
Delaware Corporation
Maryland Corporation
Virginia Corporation
West Virginia Corporation
North Carolina Corporation
South Carolina Corporation
Florida Corporation
Georgia Corporation
Alabama Corporation
Mississippi Corporation
Louisiana Corporation
Texas Corporation
Oklahoma Corporation
Arkansas Corporation
Missouri Corporation
Kansas Corporation
Iowa Corporation
Minnesota Corporation
Wisconsin Corporation
Michigan Corporation
Illinois Corporation
Indiana Corporation
Ohio Corporation
Kentucky Corporation
Tennessee



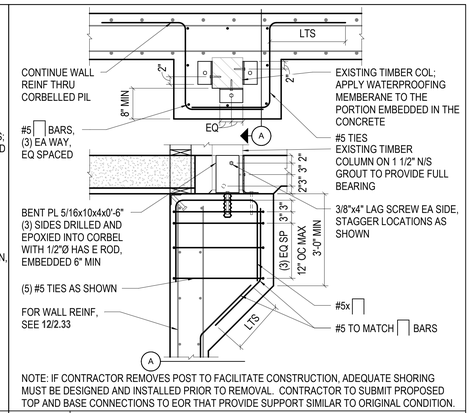
18 NO SCALE WEST ENTRY TO SUB-BASEMENT



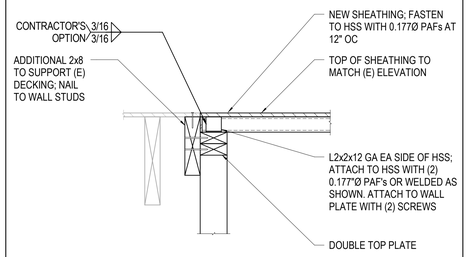
9 NO SCALE SOG STAIR



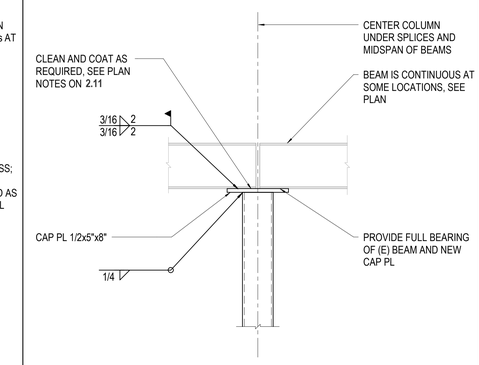
5 NO SCALE (E) STONE PILASTER CONFINEMENT



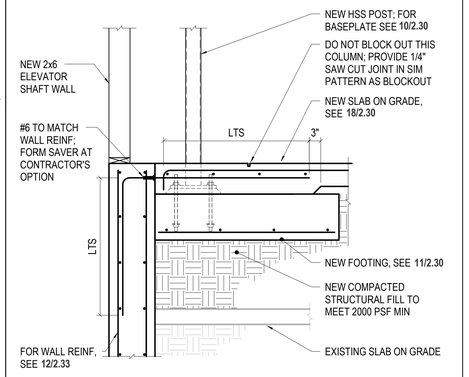
1 NO SCALE CORBELLED PILASTER DETAIL



10 NO SCALE HSS END SUPPORT



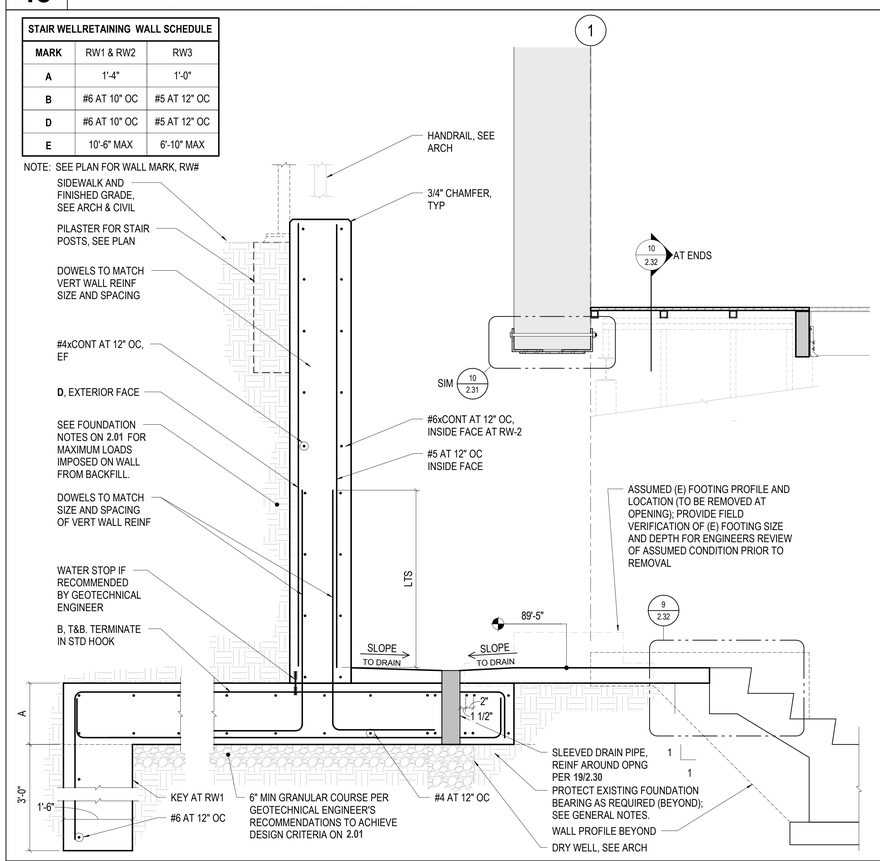
6 NO SCALE BEAM BEARING ON NEW STEEL COL



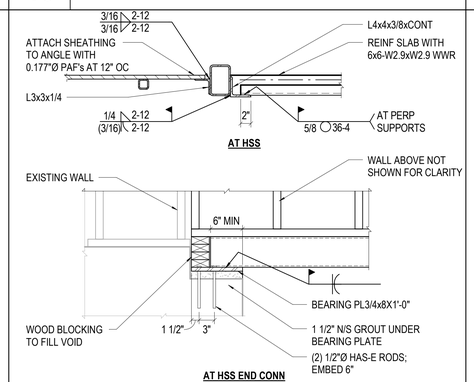
2 NO SCALE NEW HSS POST FND ADJ TO ELEVATOR

STAIR WELLRETAINING WALL SCHEDULE		
MARK	RW1 & RW2	RW3
A	1'-4"	1'-0"
B	#6 AT 10" OC	#5 AT 12" OC
D	#6 AT 10" OC	#5 AT 12" OC
E	10'-6" MAX	6'-10" MAX

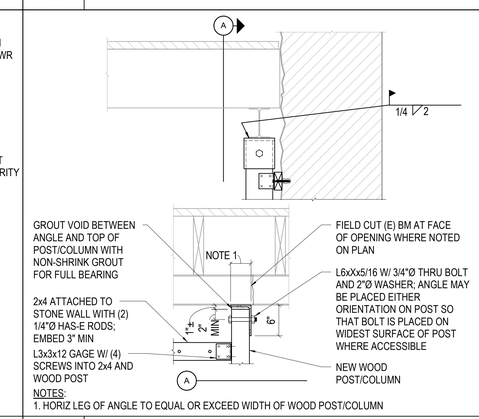
NOTE: SEE PLAN FOR WALL MARK, RW#



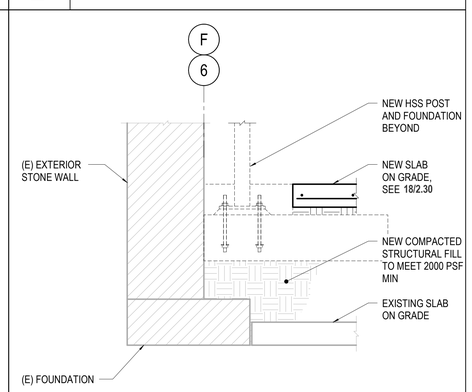
20 NO SCALE EAST SUB-BASEMENT ENTRY



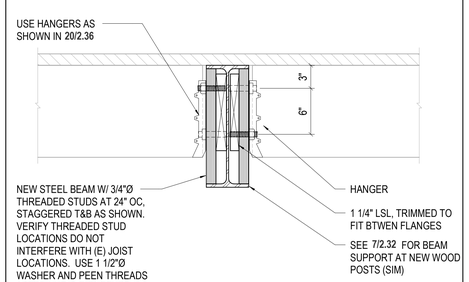
11 NO SCALE HSS BEAM AT STAIRS



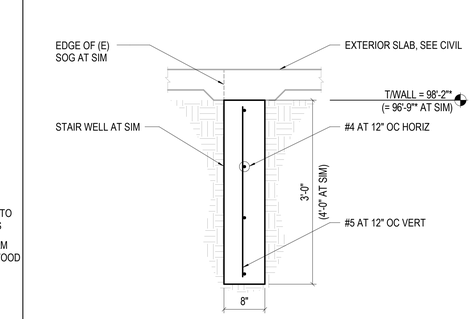
7 NO SCALE BEAM BEARING ON NEW WOOD POST/COLUMN



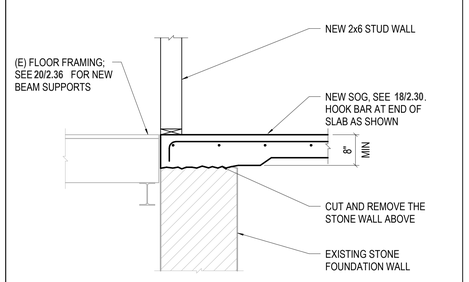
3 NO SCALE NEW SOG INFILL - EXT WALL



12 NO SCALE JOIST SUPPORT AT NEW BM



8 NO SCALE GRADE BEAM



4 NO SCALE NEW SOG INFILL - INT STONE WALL

Professional Engineer (Structural)
AMANDA N. MILLER
12291
Date 11/20/17
WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline Architects
Wyoming Office
1020 Dell Range Blvd
Suite B-1
Cheyenne, WY 82009
307.635.8181
www.statelinearchitects.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE 7 ARCHITECTS. ©

MARTIN/MARTIN
WYOMING
4020 LARAMIE STREET, CHEYENNE, WYOMING 82001
307.637.8422
MMWYO.COM

PROJECT
16-025

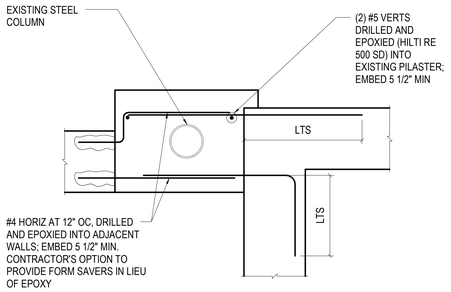
DATE
11/20/17

DRAWN
NAO

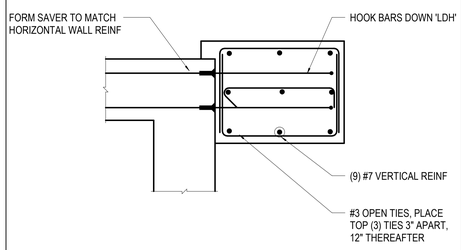
DISK

SHEET
BASEMENT & UPPER FLOOR DETAILS

SHEET
2.32

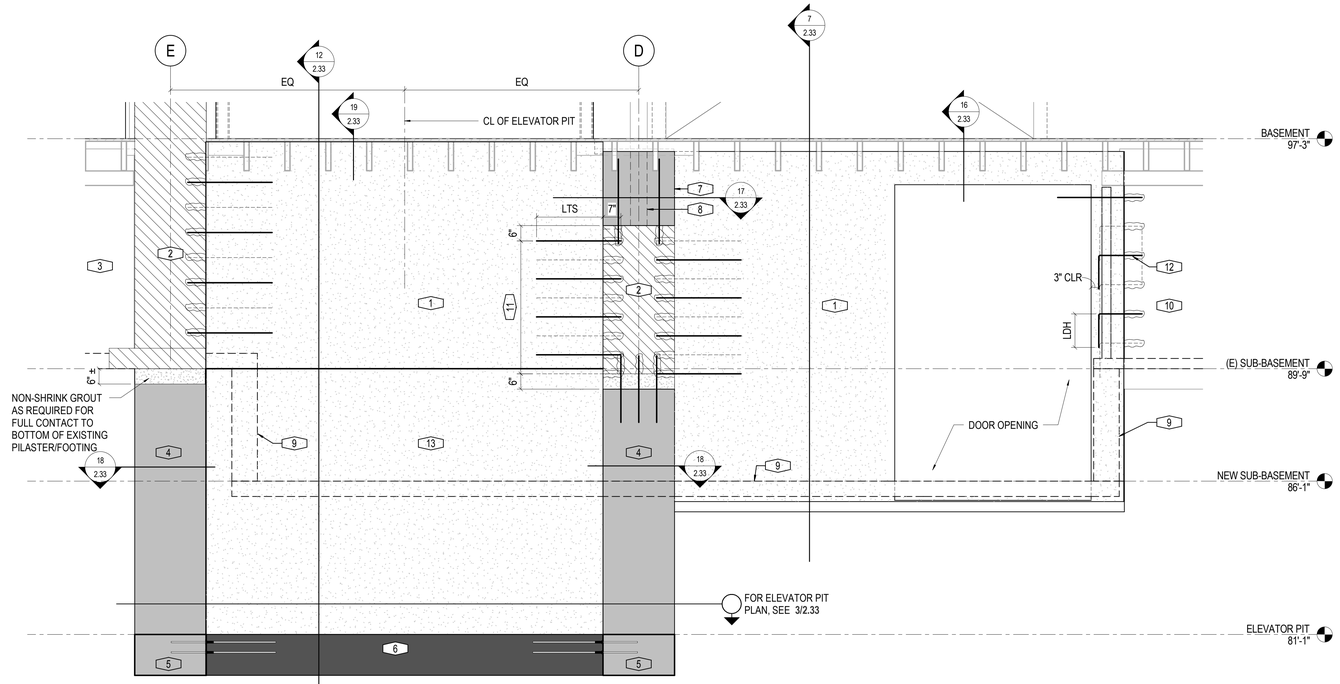


17 NO SCALE (E) COLUMN ENCASEMENT



18 NO SCALE "EXTENDED" PILASTER

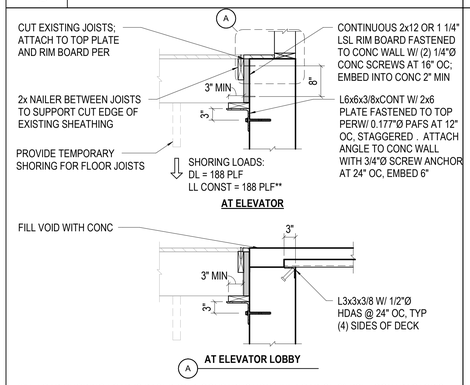
1. (E) FOUNDATION WALL TO BE DEMOLISHED AND REPLACED WITH NEW CONCRETE WALLS, SEE 12/2.33 . CENTER NEW PIT BETWEEN (E) PILASTERS
2. (E) CONCRETE PILASTER
3. (E) STONE WALL TO REMAIN BELOW BASEMENT LEVEL; CONTRACTOR TO SHORE AS REQUIRED WHILE WORK IS BEING COMPLETED.
4. NEW PILASTER "EXTENSION" UNDER (E) PILASTERS; MATCH EXISTING PILASTER SIZE. FOR BIDDING PURPOSES, ASSUME 24"x30" PILASTER. PROVIDE NON-SHRINK GROUT (6000 PSI MIN) TO FILL ANY VOIDS AND PROVIDE FULL BEARING OF EXISTING PILASTER ON NEW PILASTER.
5. NEW CONCRETE FOOTINGS UNDER NEW PILASTERS
6. NEW ELEVATOR PIT MAT SLAB; PROVIDE FORM SAVERS AT 6" OC (3 MIN) TO MATCH TOP AND BOTTOM REINF
7. NEW CONC PILASTER TO ENCASE EXISTING COLUMN, SEE 17/2.33
8. (E) 7"Ø± ROUND STEEL COLUMN
9. NEW SUB-BASEMENT SLAB AND BENCH, SEE PLAN & 12/2.33
10. (E) CONCRETE WALL AND FOOTING TO REMAIN; CONTRACTOR TO SHORE AS REQUIRED WHILE WORK IS BEING COMPLETED
11. (8) #6 DRILLED AND EPOXIED (HILTI RE 500 V3 OR EQUIV) INTO EXISTING PILASTER, EQ SPACED AND ALTERNATING BETWEEN REINF MATS OF NEW CONCRETE WALLS; EMBED 7" MIN
12. (6) #6 DRILLED AND EPOXIED (HILTI RE 500 V3 OR EQUIV) INTO EXISTING CONC WALL, EQ SPACED AND ALTERNATING BETWEEN REINF MATS OF NEW CONCRETE WALLS; EMBED 7" MIN
13. LOWER PORTION OF NEW CONC WALL, SEE 12/2.33



CONSTRUCTION SEQUENCING NOTES:

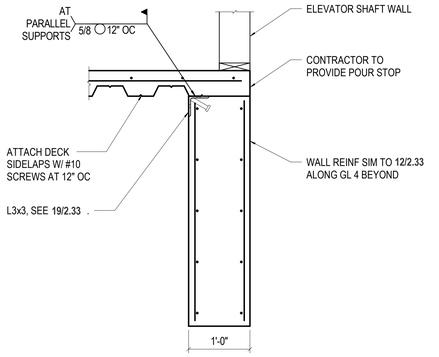
1. SHORE EXISTING STEEL BEAMS AND ADJACENT FOUNDATION & STRUCTURE PRIOR TO ANY FOUNDATION REMOVAL, SEE "PILASTER" SHORING LOADS ON 2.10
2. DRILL AND EPOXY BARS INTO EXISTING PILASTERS (KEYNOTE 1) AND CAST WITH ADJACENT NEW CONC WALLS (KEYNOTE 1).
3. AFTER A 7 DAY MINIMUM CURE OR CONCRETE HAS REACHED 75% OF DESIGN STRENGTH, EXCAVATE AND PLACE LOWER PORTION OF PIT WALL (KEYNOTE 13), THICKENED SLAB (KEYNOTE 9) AND ELEVATOR MAT SLAB (KEYNOTE 6).
4. AFTER A 7 DAY MINIMUM CURE OR CONCRETE HAS REACHED 75% OF DESIGN STRENGTH, PLACE NEW PILASTER SECTIONS (KEYNOTE 4) AND FOUNDATIONS (KEYNOTE 5) BELOW EXISTING PILASTER.
5. REMOVE TEMPORARY STRUCTURE SHORING AFTER ALL CONCRETE HAS CURED 7 DAYS OR MEETS 75% OF DESIGN STRENGTH.

14 NO SCALE ELEVATOR ELEVATION - SUB-BASEMENT

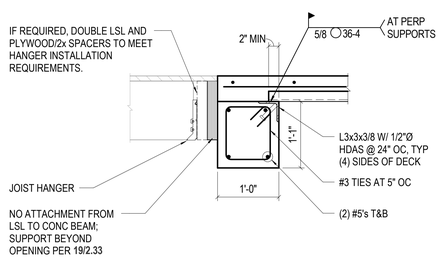


**LL LOAD SHORING LOAD IS BASED ON A CONSTRUCTION LIVE LOAD OF 20 PSF. CONTRACTOR'S RESPONSIBILITY NOT TO EXCEED WITHOUT PROVIDING ADDITIONAL LOAD CAPACITY IN SHORING.

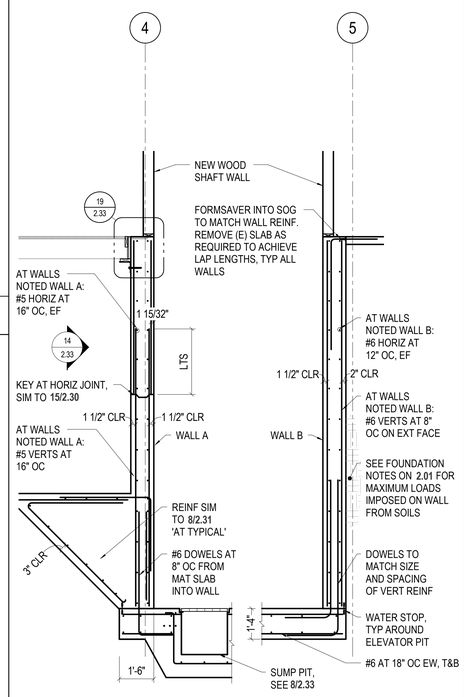
19 NO SCALE NEW JOIST BEARING DETAIL



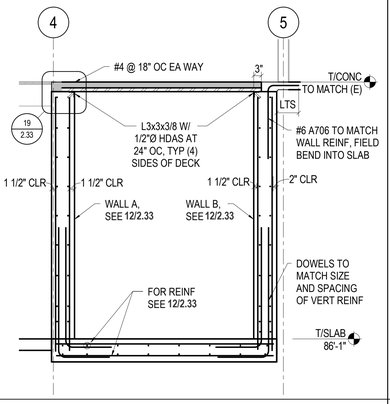
15 NO SCALE CONC ELEV HEADER



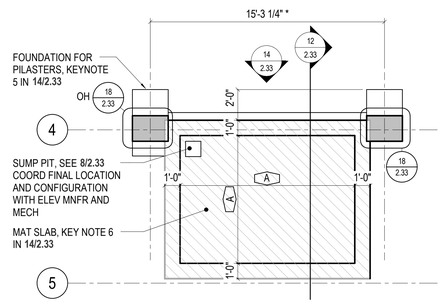
16 NO SCALE CONC BEAM



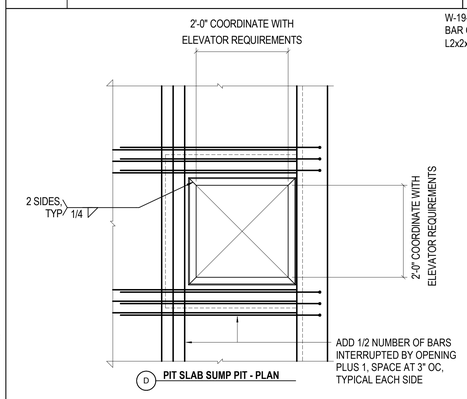
12 NO SCALE ELEVATOR PIT SECTION

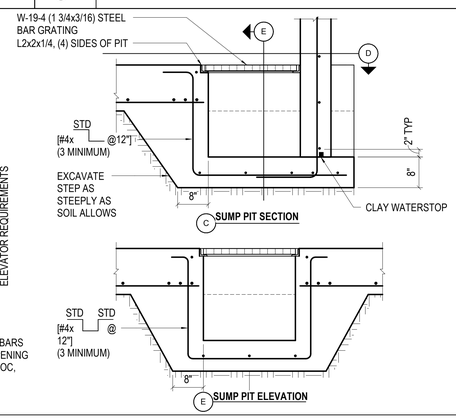


7 NO SCALE NEW CONC FOUNDATION WALL



3 NO SCALE ELEVATOR PIT PLAN





8 NO SCALE SUMP PIT

Professional Engineer (Structural)
AMANDA N. MILLER
12591
Date 11/20/17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No 7 ARCHITECTS
Cheyenne, WY 82001
www.stateline7.com
307.635.0515

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE 7 ARCHITECTS. ©

MARTIN/MARTIN WYOMING
4020 LARAMIE STREET, CHEYENNE, WYOMING 82001
307.637.8422
MMWYO.COM

PROJECT
16-025

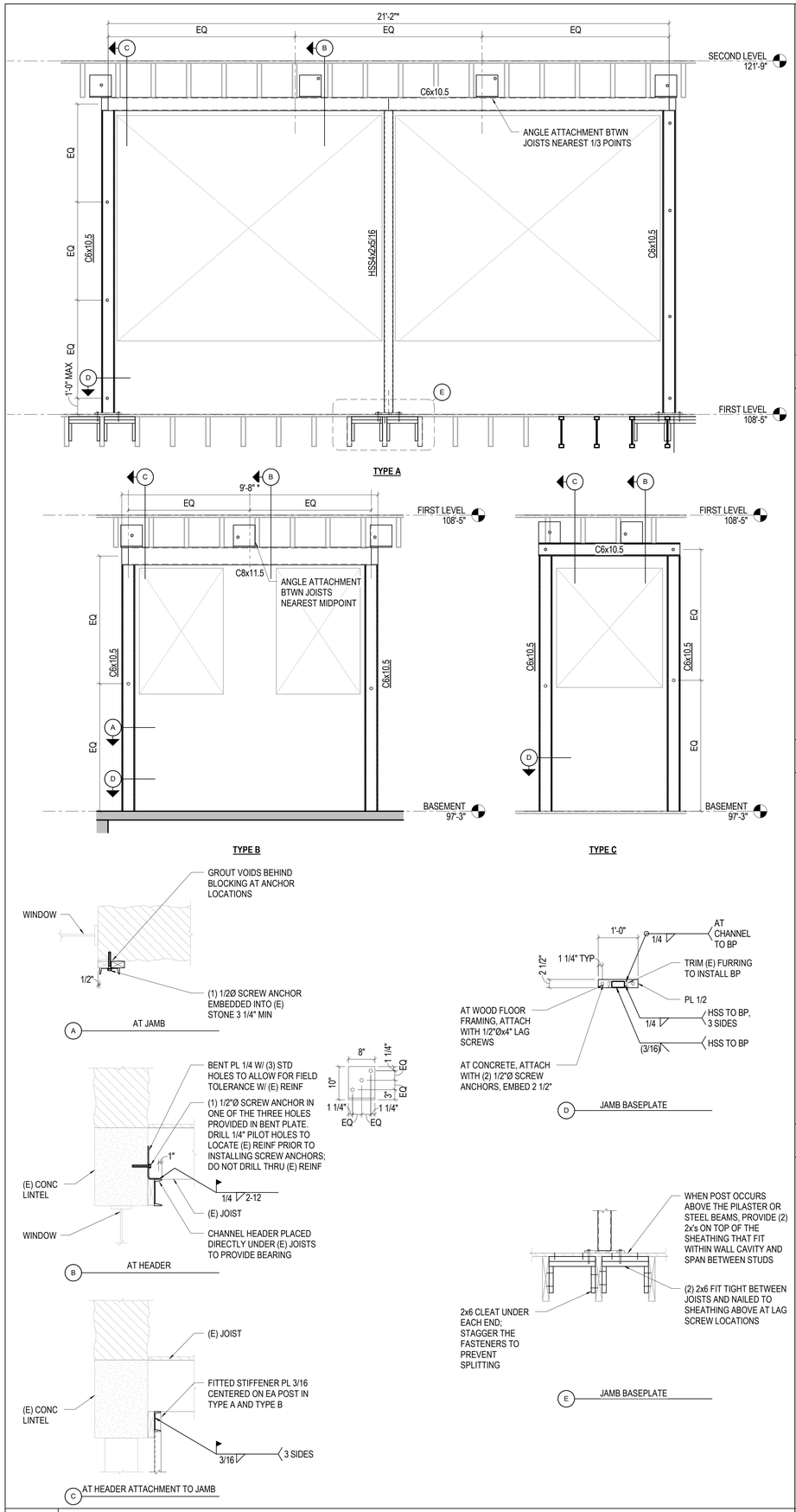
DATE
11/20/17

DRAWN
NAO

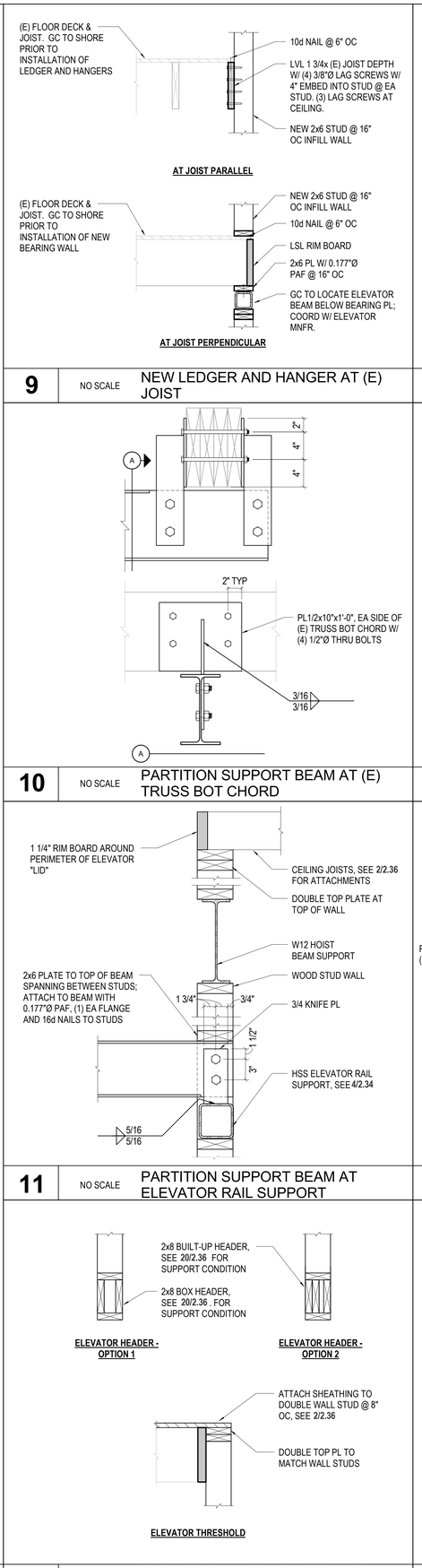
DISK

SHEET
ELEVATOR PIT DETAILS

SHEET
2.33



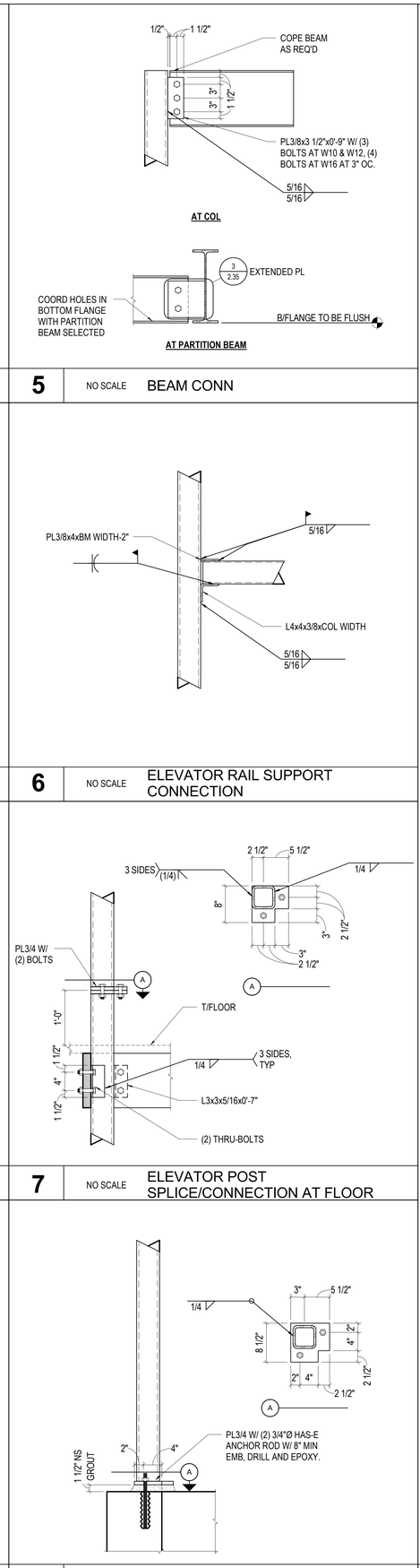
21 NO SCALE RETRO-FIT LINTEL DETAILS



10 NO SCALE PARTITION SUPPORT BEAM AT (E) TRUSS BOT CHORD

11 NO SCALE PARTITION SUPPORT BEAM AT ELEVATOR RAIL SUPPORT

12 NO SCALE ELEVATOR SHAFT HEADER AND THRESHOLD

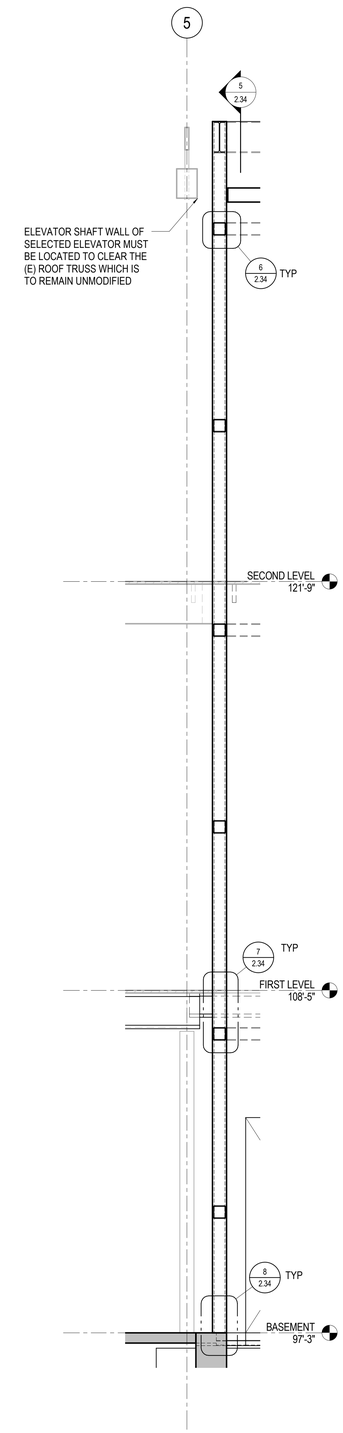


5 NO SCALE BEAM CONN

6 NO SCALE ELEVATOR RAIL SUPPORT CONNECTION

7 NO SCALE ELEVATOR POST SPLICE/CONNECTION AT FLOOR

8 NO SCALE ELEVATOR POST BASE CONNECTION



4 NO SCALE ELEVATOR SUPPORTS

Professional Engineer (Structural)
AMANDA N. MILLER
12591
Date 11/20/17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No 7 ARCHITECTS
Cheyenne, WY 82001
www.7architects.com
307.635.0511
307.638.8422

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. ©

MARTIN/MARTIN WYOMING
4020 LARAMIE STREET, CHEYENNE, WYOMING 82001
307.637.8422
MMWYO.COM

PROJECT
16-025

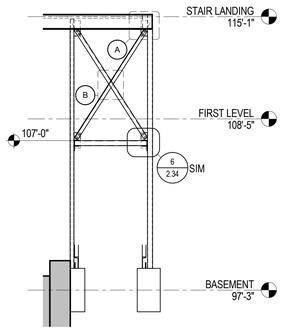
DATE
11/20/17

DRAWN
NAO

DISK

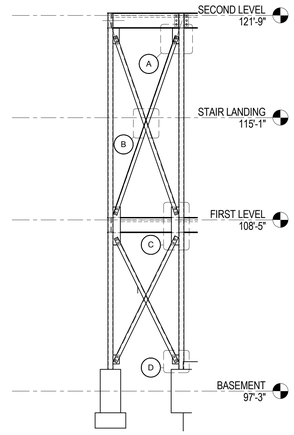
SHEET
ELEVATOR & RETRO-FIT LINTEL DETAILS

SHEET
2.34



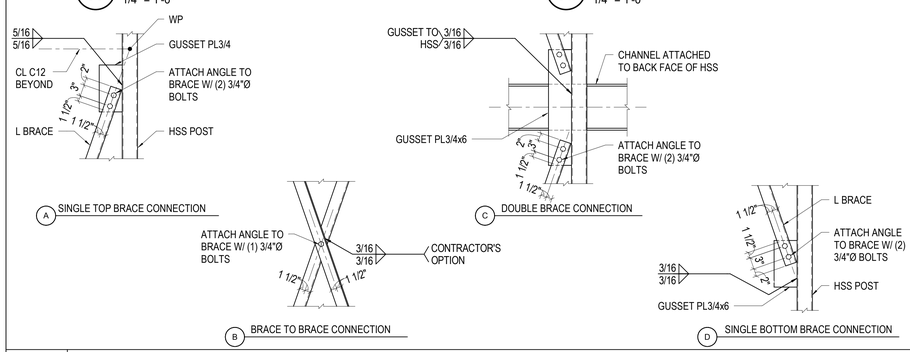
17 STAIR - SOUTH FRAME

1/4" = 1'-0"

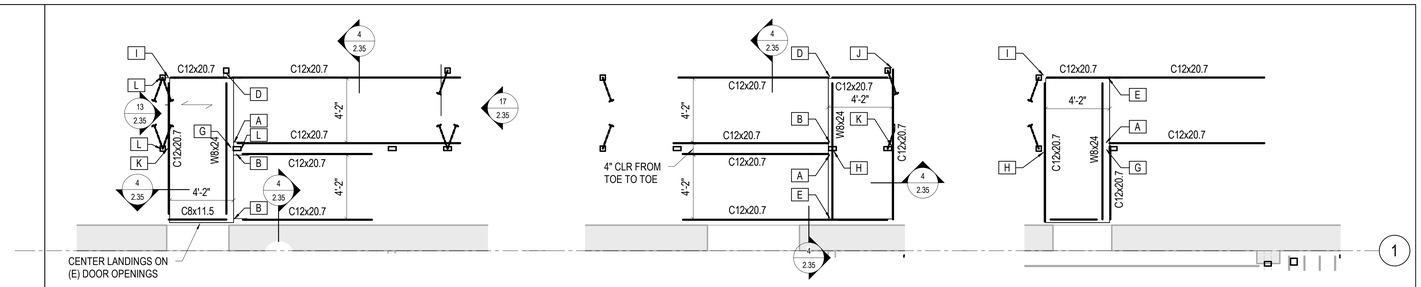


13 STAIR - NORTH FRAME

1/4" = 1'-0"



18 NO SCALE STAIR FRAME BRACE CONNECTIONS



STAIRS - BASE TO LEVEL 1

1/4" = 1'-0"

STAIR LANDING

1/4" = 1'-0"

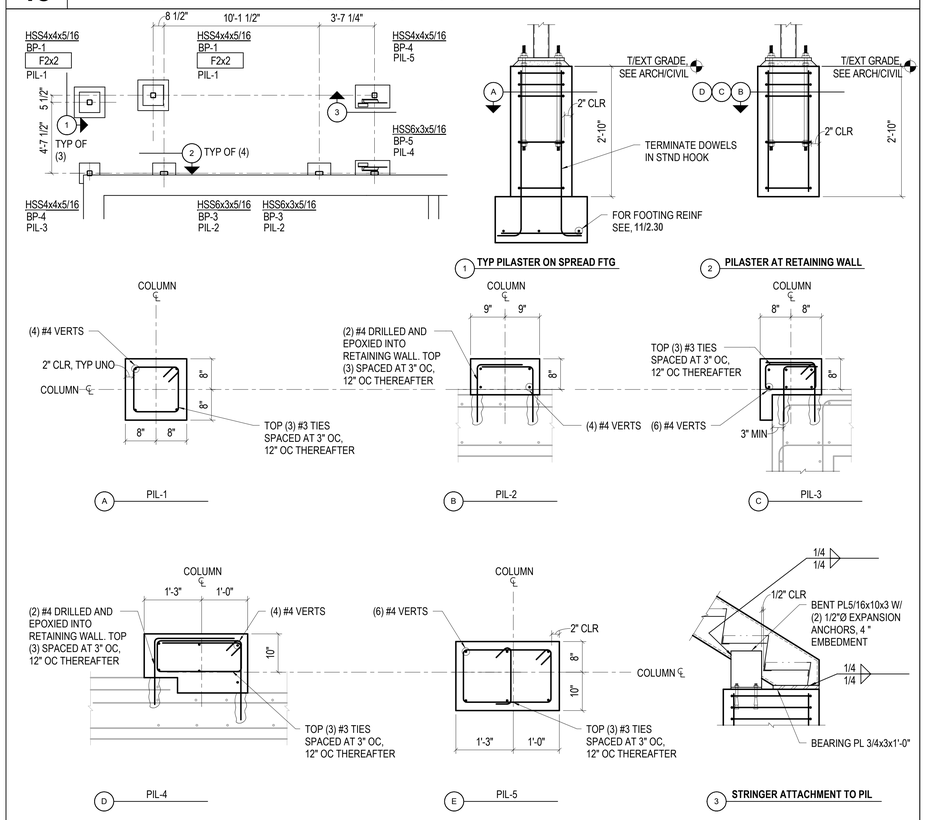
STAIRS - LANDING TO 2ND

1/4" = 1'-0"

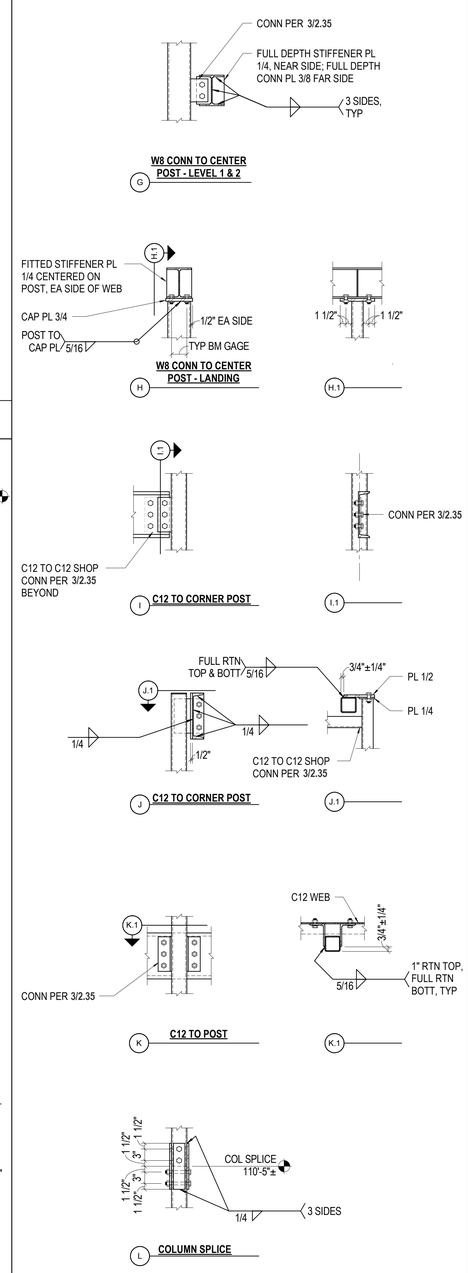
NOTES:
1. ADDITIONAL SHORING/SUPPORTS MAY BE REQUIRED FOR ERECTION (BY OTHERS).
2. ALL HSS COLUMNS SHALL HAVE 1/4" CAP PLATE SEAL WELDED UNLESS DETAILED OTHERSWISE.
3. ALTERNATE CONNECTIONS DESIGNED BY FABRICATOR ARE ACCEPTABLE; PROVIDE STAMPED AND SEALED CALCULATIONS OF ALL CONNECTIONS THAT DIFFER THAN SHOWN.
4. SHOP FABRICATE IN THE LARGEST PIECES POSSIBLE; COORDINATE MAXIMUM DIMENSIONS WITH FINISH REQUIREMENTS & SUPPLIER
5. FIELD COORDINATE ALL DIMENSIONS PRIOR TO FABRICATION. LEAVE 2" CLEARANCE BETWEEN STAIR STRINGERS/LANDING STEEL AND (E) STONE.
6. CONNECTION DETAILS NOT EXPLICITY DETAILED SHALL BE IN CONFORMANCE WITH 3/2.35. DUE TO POWDER COAT FINISHES, FIELD WELDING IS NOT PERMITTED.

X — LETTER CORRESPONDS TO DETAIL IN 8/2.35 & 12/2.35

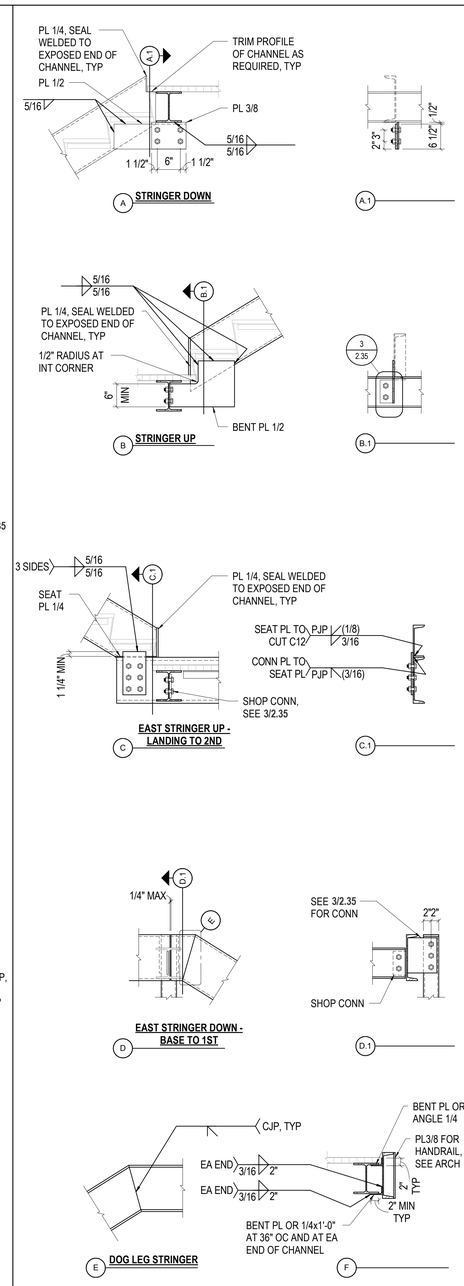
9 NO SCALE EXTERIOR FIRE ESCAPE STAIR PLANS



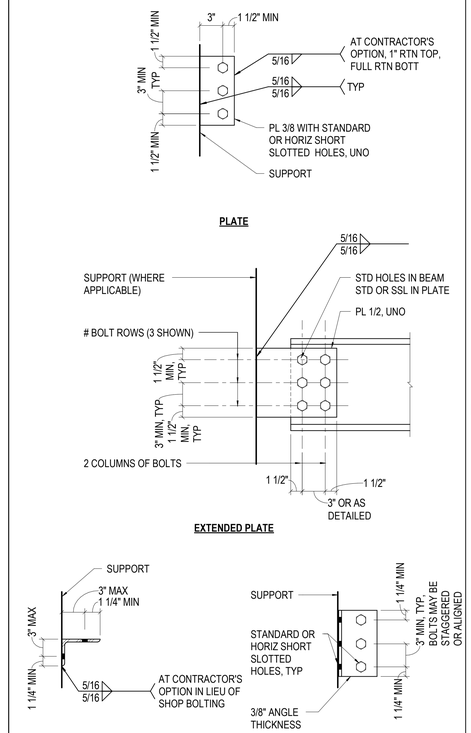
20 NO SCALE FOUNDATION DETAILS AT STAIRS



12 NO SCALE STAIR LANDINGS TO COLUMN & COLUMN DETAILS

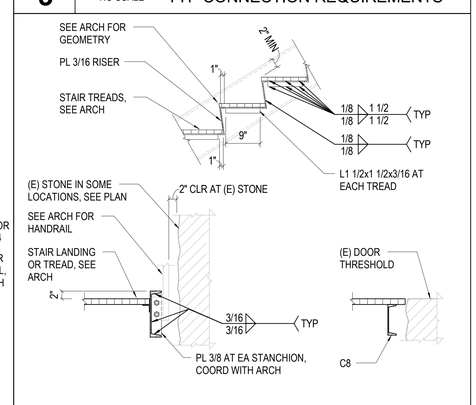


8 NO SCALE STAIR STRINGERS TO LANDINGS



NOTES:
1. PROVIDE MAXIMUM NUMBER OF BOLTS POSSIBLY WITH SPACING AND EDGE DISTANCE REQUIREMENTS.

3 NO SCALE TYP CONNECTION REQUIREMENTS



4 NO SCALE STAIR TREADS & LANDING DETAILS

Professional Engineer (Structural) AMANDA N. MILLER 12591 Date 11/20/17 WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline ARCHITECTS
2020 CAPITOL AVENUE
CHEYENNE, WYOMING 82001
307.635.9400
www.stateline-architects.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE 7 ARCHITECTS.

MARTIN/MARTIN WYOMING
4020 LARAMIE STREET, CHEYENNE, WYOMING 82001
307.637.8422
MMWYO.COM

PROJECT
16-025

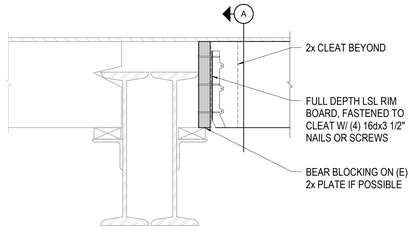
DATE
11/20/17

DRAWN
NAO

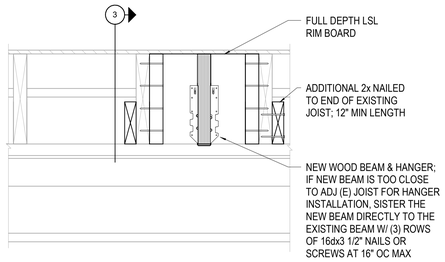
DISK

SHEET
STAIR DETAILS

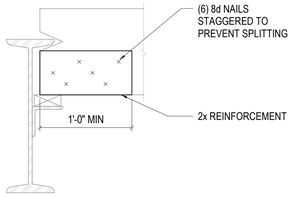
SHEET
2.35



E AT (E) S20 BEAMS AT LEVEL 1



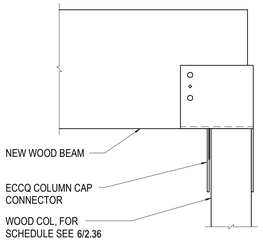
2 AT (E) S20 BEAMS AT LEVEL 1 - SECTION



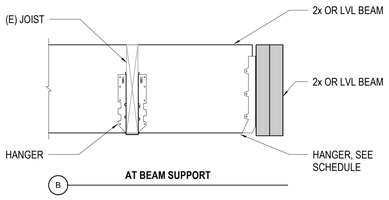
3 AT (E) S20 BEAMS AT LEVEL 1 - SHEAR REINF

HANGER SCHEDULE	
CARRIED MEMBER	HANGER
(E) JOIST - 2x12*	U210R
(E) JOIST - 2xA, * A < LESS THAN 12"	U2AR
2x12	LUS210
(2) 2x12	LUS210-2
1 PLY LVL	U14
(E) JOIST - GREATER THAN 2x12	CUSTOM U-R HANGER
2 PLY LVL	HHUS48
9 1/2" TJI	IUS1.81/9.5

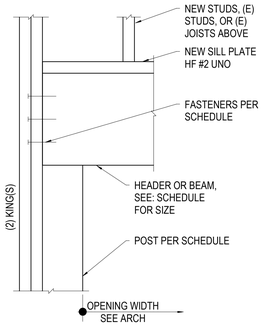
* CONTRACTOR TO VERIFY JOIST HANGER SPECIFIED FITS ACTUAL SIZES OF (E) ROUGH SAWN JOISTS; SIZES OUTSIDE OF SPECIFIED HANGER DIMENSION REQUIRE CUSTOM U-R HANGERS



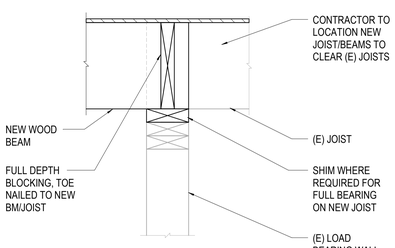
A AT COLUMN SUPPORT - ISOLATED



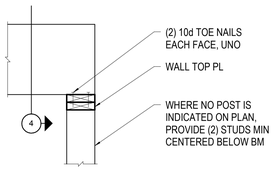
B AT BEAM SUPPORT



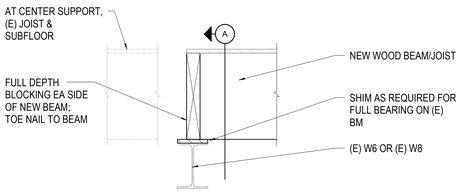
F AT NEW BEAM/HEADER WITHIN WALL - BEAM PARALLEL



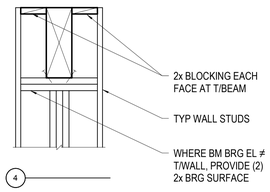
C AT (E) LOAD BEARING WALL SUPPORT



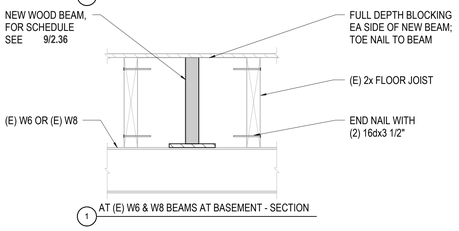
G AT NEW BEAM/HEADER WITHIN WALL - BEAM PERPENDICULAR



D AT (E) W6 & W8 BEAMS AT BASEMENT



4



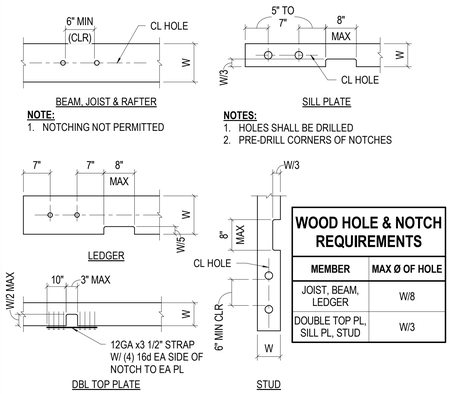
1 AT (E) W6 & W8 BEAMS AT BASEMENT - SECTION

20 NO SCALE WOOD BEAM CONNECTION DETAILS

TYPICAL WOOD BEAM SCHEDULE		
MARK	SIZE	TYPE
WB1	(1) 1 3/4x 11 1/4 LVL OR (2) 2x12	1.9E LVL (MIN) OR HEM FIR NO. 2
WB2	(2) 1 3/4x 11 1/4 LVL OR 3 1/2x 11 1/4 PSL	1.9E LVL (MIN) OR 2.2E PSL
WB3	(1) 1 3/4x 11 1/4 LVL OR (1) 2x12	1.9E LVL (MIN) OR HEM FIR NO. 2
WB4	(2) 1 3/4x 11 7/8 LVL	2.0E LVL
WB5	(2) 1 3/4x 16 LVL	2.0E LVL
WB6	(3) 1 3/4x 18 LVL	2.0E LVL
WB7	3 1/2x 14 PSL	2.2E PSL
WB8	1 3/4x 16 LVL	2.0E LVL

NOTES:
1. ALL BEAMS ARE SIMPLE SPAN, UNO
2. SEE 20/2.36 FOR ATTACHMENT TO SUPPORTING MEMBERS
3. BEAMS HAVE BEEN SIZED TO FIT WITHIN STRUCTURE DEPTH (WHERE APPLICABLE/REQUIRED ARCHITECTURALLY). DEEPER/LARGER SIZES ARE ACCEPTABLE IF TEHY ARE MORE ECONOMICAL AND FIT WITHIN THE ALOTTED SPACE TO KEEP THE INTENT AESTHETICALLY. CONTRACTOR TO COORDINATE WITH ARCH/MEP.
4. MULTI-PLY ENGINEERED MEMBERS TO BE FASTENED TOGETHER PER MANUFACTURER'S INSTRUCTIONS. MULTI-PLY LUMBER TO BE FASTENED TOGETHER WITH (3) ROWS OF 16d NAILS AT 16" OC MAX

9 NO SCALE TYP WOOD BEAM SCHEDULE

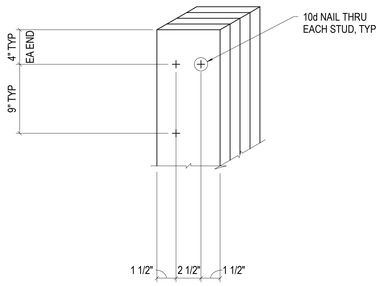


WOOD HOLE & NOTCH REQUIREMENTS	
MEMBER	MAX Ø OF HOLE
JOIST, BEAM, LEDGER	W/8
DOUBLE TOP PL, SILL PL, STUD	W/3

10 NO SCALE TYP WOOD HOLE & NOTCH REQTS

POST AND COLUMN SCHEDULE			
MARK	SIZE	TYPE	REMARKS
WC1	3 1/2 x 5 1/4 PSL OR (3) 2x6	1.8E PARALLAM PSL HEM-FIR STUD	-
WC2	5 1/4 x 5 1/4 PSL OR (4) 2x6	1.8E PARALLAM PSL HEM-FIR SELECT STRUCTURAL	-
WC3	(3) 2x6	HF#2	-
WC4	(2) 2x4	HF#2	

NOTES:
1. PROVIDE A MINIMUM OF (2) STUDS AT EACH BEAM SUPPORT IF NO POST IS DESIGNATED.
2. ALL MULTIPLE STUD POSTS SHALL BE NAILED TOGETHER AS SHOWN IN DIAGRAM BELOW.
3. WHERE NAILS ARE USED, EACH ADDITIONAL STUD IS NAILED TO REMAINDER OF STUD PACK SHOWN BELOW.
4. AT BASE CONNECTIONS, USE ABA OR ABU (BY SIMPSON STRONG-TIE) UNLESS DETAILED OR NOTED OTHERWISE. WHEN ATTACHING TO CONCRETE, USE SCREW ANCHOR OR EPOXY, EMBEDDED 2 1/4" MIN. IF MULTIPLE STUD POSTS ARE USED WITHIN A WALL, STANDARD END NAILING THRU THE PLATE IS ACCEPTABLE; (2)...

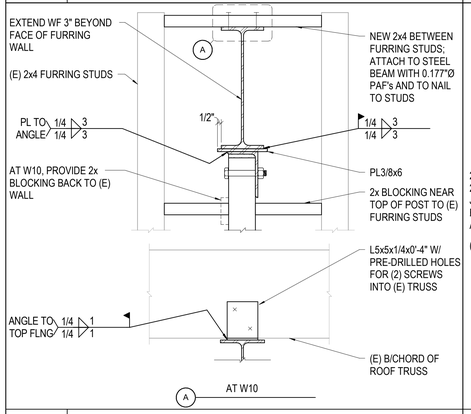


6 NO SCALE TYP WOOD POST SCHEDULE

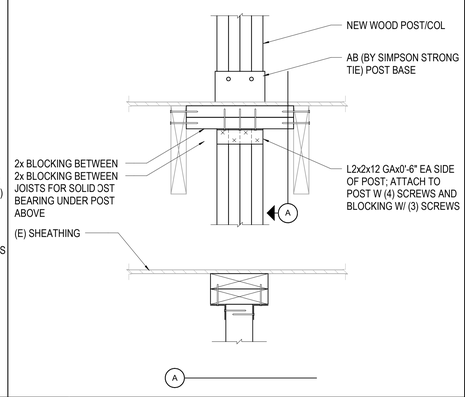
TYPICAL WOOD MEMBER FASTENING SCHEDULE		
CONNECTION	FASTENING	LOCATION
JOIST TO SILL OR GIRDER	(3) 8d COMMON (2 1/2"x0.131") (3) 3"x0.131" NAILS	TOE NAIL
BRIDGING TO JOIST	(3) 8d COMMON (2 1/2"x0.131") (3) 3"x0.131" NAILS	TOENAIL EACH END
1"x6" SUBFLOOR OR LESS TO EACH JOIST	(2) 8d COMMON (2 1/2"x0.131")	FACE NAIL
WIDER THAN 1"x6" SUBFLOOR TO EACH JOIST	(3) 8d COMMON (2 1/2"x0.131")	FACE NAIL
SOLE PLATE TO JOIST OR BLOCKING	16d (3 1/2"x0.135") @ 16" OC 3"x0.131" NAILS @ 8" OC	TYPICAL FACE NAIL
TOP PLATE TO STUD	(2) 16d COMMON (3 1/2"x0.162") (3) 3"x0.131" NAILS	END NAIL
STUD TO SOLE PLATE	(4) 8d COMMON (2 1/2"x0.131") (4) 3"x0.131" NAILS	TOE NAIL
	(2) 16d COMMON (3 1/2"x0.162") (3) 3"x0.131" NAILS	END NAIL
DOUBLE STUDS	16d (3 1/2"x0.135") @ 16" OC 3"x0.131" NAILS @ 8" OC	FACE NAIL
BLOCKING BETWEEN JOISTS TO TOP PLATE	(3) 8d COMMON (2 1/2"x0.131") (3) 3"x0.131" NAILS	TOE NAIL
RIM JOIST TO TOP PLATE	8d (2 1/2"x0.131") @ 6" OC 3"x0.131" NAILS @ 8" OC	TOE NAIL
CEILING JOISTS (TO PLATE)	(3) 8d COMMON (2 1/2"x0.131") (5) 3"x0.131" NAILS	TOE NAIL
CEILING JOISTS (LAPS OVER PARTITION)	(3) 16d COMMON (3 1/2"x0.135") (4) 3"x0.131" NAILS	FACE NAIL
CEILING JOISTS (TO PARALLEL RAFTERS)	(3) 16d COMMON (3 1/2"x0.135") (4) 3"x0.131" NAILS	FACE NAIL
SHEATHING	10d COMMON (3"x0.128") 6" OC AT EDGES, 12" OC IN FIELD	FACE NAIL

NOTES:
1. TYPICAL WOOD MEMBER FASTENING REQUIREMENTS ARE TAKEN FROM IBC 2012, TABLE 2304.9.1.
2. THE ABOVE FASTENING REQUIREMENTS ARE A MINIMUM, AND SHOULD BE APPLIED ONLY TO TYPICAL SITUATIONS.
3. THE ABOVE IS ONLY A SUMMARY OF THE TABLE 2304.9.1, PLEASE REFERENCE IBC FOR COMPLETE FASTENING SCHEDULE.

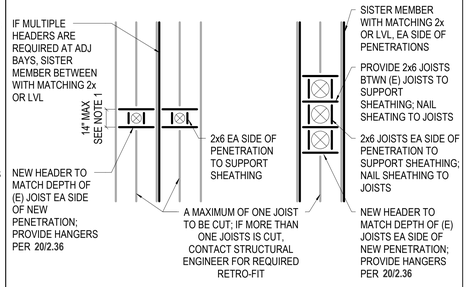
2 NO SCALE TYPICAL WOOD MEMBER FASTENING SCHEDULE



11 NO SCALE POST AT PARTITION SUPPORT BEAM

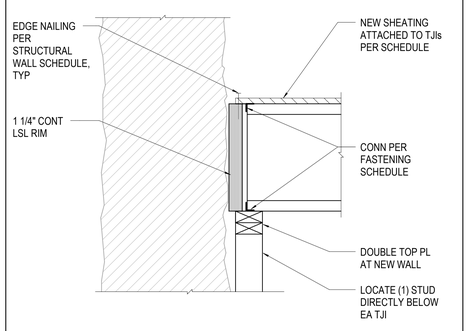


7 NO SCALE COLUMN TRANSFER AT FLOOR

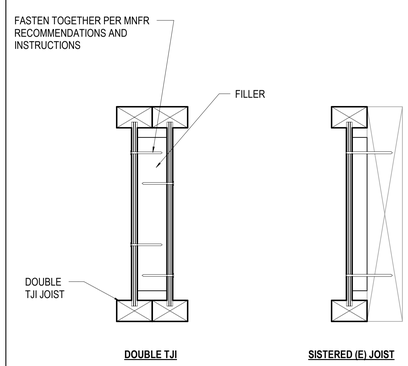


NOTE: IF OPENING EXCEEDS 14", SEE 'AT LARGE/MULTIPLE PENETRATIONS PARALLEL WITH JOISTS'

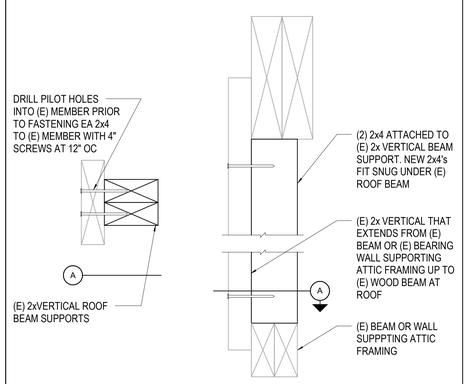
3 NO SCALE MECHANICAL PENETRATION SUPPORT



12 NO SCALE TYP WOOD JOIST BEARING AT EXT WALL



8 NO SCALE DOUBLE TJI JOIST AND SISTERED JOIST



4 NO SCALE (E) VERTICAL STRUT STIFFENER

Professional Engineer (Structural) AMANDA N. MILLER 12591 Date 11/20/17 WYOMING

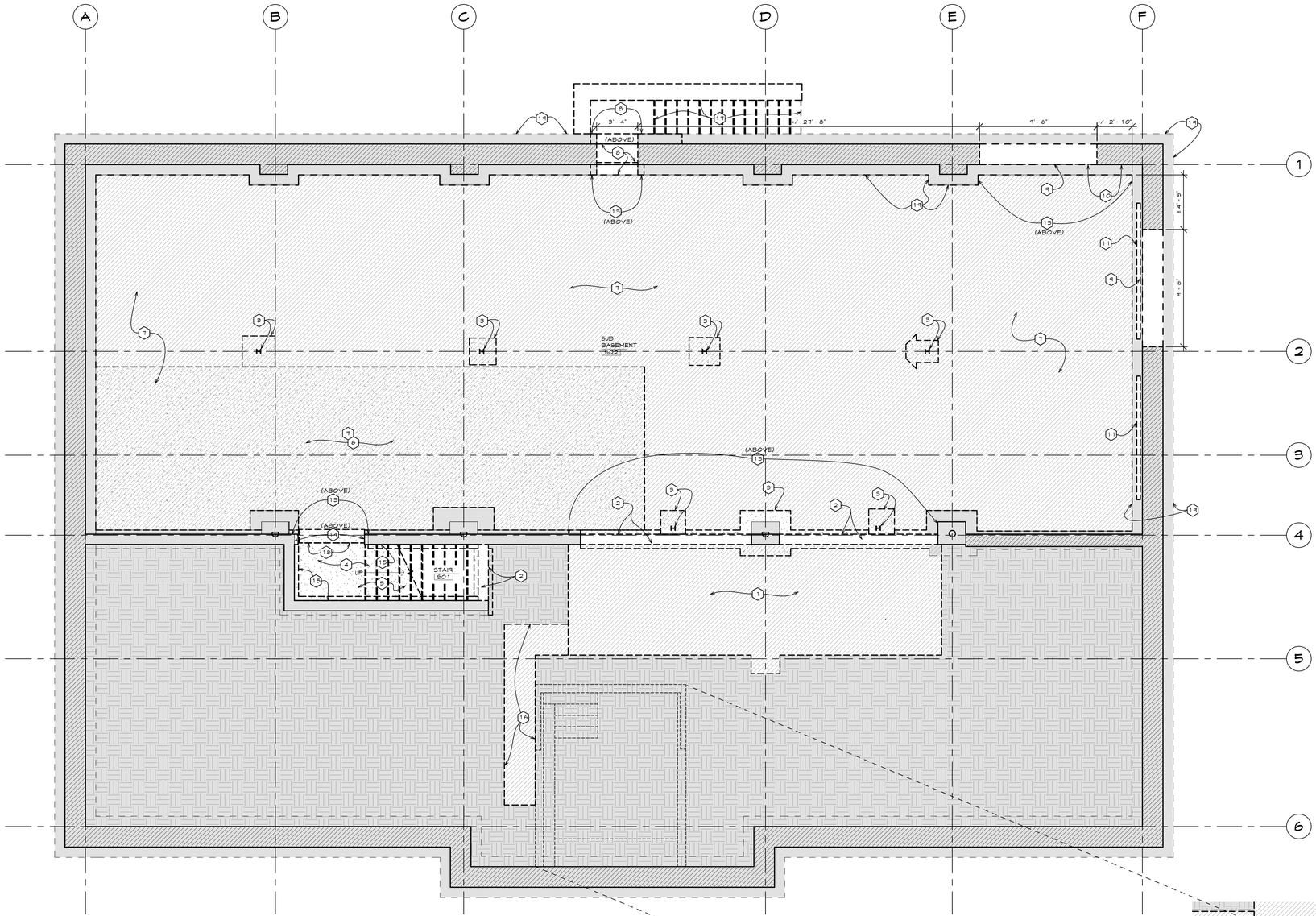
OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No 7 ARCHITECTS
Cheyenne WY 82001 307.632.5141 Sheridan WY 82801 307.673.8000

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE 7 ARCHITECTS. ©

MARTIN/MARTIN WYOMING
4020 LARAMIE STREET, CHEYENNE, WYOMING 82001
307.637.8422 MMWYO.COM

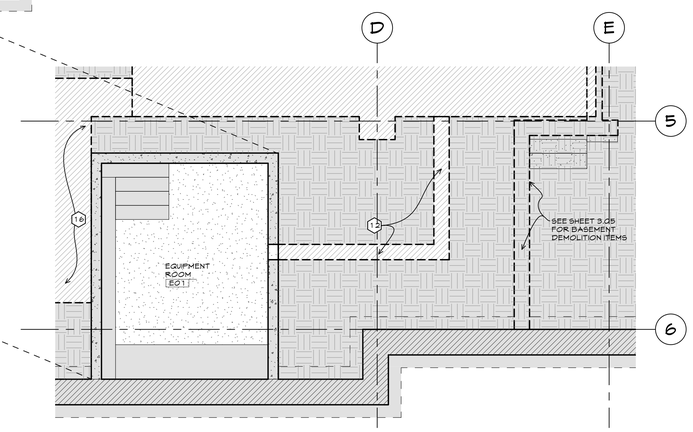
PROJECT 16-025
DATE 11/20/17
DRAWN NAO
DISK
SHEET WOOD & ROOF DETAILS
SHEET 2.36



SUB-BASEMENT DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

N — TRUE NORTH / PLAN NORTH



ELEVATOR EQUIPMENT ROOM DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

N — TRUE NORTH / PLAN NORTH

GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. ALL ITEMS THAT ARE DEMOLISHED OR REMOVED ARE TO BE DISPOSED OF PROPERLY OFF SITE UNLESS NOTED OTHERWISE.
3. OWNER HAS FIRST RIGHT OF REFUSAL ON ALL DEMOLITION ITEMS.
4. SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL PLANS FOR ADDITIONAL DEMOLITION ITEMS.
5. SEE BUILDING ELEVATIONS, SITE DEMOLITION PLAN, AND OTHER DEMOLITION SHEETS FOR ADDITIONAL DEMO ITEMS.
6. SEE THE STRUCTURAL DRAWINGS FOR SHORING, REINFORCEMENTS, AND OTHER REQUIREMENTS ASSOCIATED WITH EXCAVATION WORK OR THE DEMOLITION OF STRUCTURAL ITEMS. CONTRACTOR TO CONSULT THE OWNERS GEOTECHNICAL ENGINEER PRIOR TO THE START OF ANY DEMOLITION OR EXCAVATION WORK.
7. CONTRACTOR SHALL PROVIDE PATCHING AND/OR REPAIR AS NEEDED IN ALL AREAS WHERE DEMOLITION HAS OCCURED TO RESTORE THEM TO THEIR COMPLETE AND ORIGINAL STATE OR TO PROVIDE ADEQUATE SURFACES FOR NEW FINISHES. PROVIDE PATCHING WITH MATERIALS APPROPRIATE TO THE EXISTING SURROUNDING MATERIALS. SEE THE REFERENCE PLANS, FINISH PLANS, AND STRUCTURAL DRAWINGS.
8. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO PROCEEDING WITH WORK.
9. GENERAL CONTRACTOR TO VERIFY ALL CONDITIONS AT THE SITE AND REPORT ALL DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
10. ROOM NAMES AND NUMBERS ON THIS SHEET REFER TO THIS SHEET ONLY.

KEYNOTES

1. EXCAVATE AREA FOR ELEVATOR ACCESS, SHAFT, AND PIT. SEE THE STRUCTURAL DRAWINGS, REFERENCE PLANS, AND SHEET 8.30.
2. SAW-CUT AND DEMO EXISTING ± 1'-0" THICK CONCRETE BEARING WALL & ASSOCIATED FOOTING(S). SEE THE STRUCTURAL DRAWINGS.
3. DEMO EXISTING FOOTING, OR COLUMN AND ASSOCIATED FOOTING. SEE THE STRUCTURAL DRAWINGS.
4. DEMO EXISTING CONCRETE STAIR & LANDING - ADJACENT BEARING WALLS & FOOTINGS TO REMAIN IN-TACT UNLESS NOTED OTHERWISE. SEE THE STRUCTURAL DRAWINGS.
5. DEMOLISH EXISTING CONCRETE STAIR - EXCAVATE WITHIN EXTENT OF EXISTING STAIR WELL TO ACCOMMODATE NEW STAIR & LANDING. SEE THE STRUCTURAL DRAWINGS AND THE ENLARGED STAIR PLANS AND DETAILS.
6. DEMO EXISTING 14" CONCRETE SLAB ON GRADE. EXISTING ADJACENT FOOTINGS TO REMAIN IN-TACT UNLESS NOTED OTHERWISE. SEE THE STRUCTURAL DRAWINGS.
7. EXCAVATE ENTIRE SUB-BASEMENT FLOOR AREA & PREP GRADE FOR NEW SLAB ON GRADE. SEE THE STRUCTURAL DRAWINGS FOR DETAILS AND SUB-GRADE REQUIREMENTS AND THE BUILDING SECTIONS. EXISTING FOOTINGS AND 45 DEGREE BEARING SPLAY TO REMAIN UNDISTURBED.
8. DEMO WOOD FRAMING INFILL & SHEATHING AT EXISTING DOOR OPENING. PREP OPENING FOR NEW DOOR INSTALL. PARTIAL DEMO OF EXISTING ADJACENT FOOTINGS NEEDED TO ACCOMODATE ENTRY DOOR AND STAIR. SAW CUT EXISTING STONE WALL, INSTALL SUPPORT LINTELS, AND ENLARGE OPENING TO ACCOMMODATE NEW DOOR. SEE THE STRUCTURAL DRAWINGS, REFERENCE PLANS AND DOOR SHEET.
9. SAW-CUT OPENING IN EXISTING STACKED STONE BEARING WALL FOR INSTALL OF MECHANICAL LOUVERS. GROUT OPENING THRU WALL. SEE THE STRUCTURAL DRAWINGS, MECHANICAL DRAWINGS, AND WALL SECTIONS.
10. DEMO EXISTING ABANDONED PIPING ON WALL AS NEEDED TO ACCOMODATE MECHANICAL LOUVER OPENING, FIELD VERIFY.
11. DEMO EXISTING WOOD FRAMING AND PANELING ALONG INTERIOR WALL SURFACE, FIELD VERIFY.
12. EXCAVATE FOR HYDRAULIC LINE INSTALLATION FROM ELEVATOR TO MACHINE ROOM. SEE SHEET 3.05, THE REFERENCE PLANS AND SPECIFICATIONS.
13. DEMO EXISTING STEEL BEAM OVERHEAD - SEE THE STRUCTURAL DRAWINGS.
14. SAW-CUT AND DEMO CONCRETE HEADER OVER OPENING TO ACCOMMODATE NEW STRUCTURAL REINFORCEMENTS OVER STAIR AND NEW INFILL FLOORING. SEE THE BASEMENT DEMO PLAN AND STRUCTURAL DRAWINGS.
15. PARTIAL DEMO OF EXISTING WALL FOOTINGS MAY BE REQUIRED WITHIN STAIR WELL TO ACCOMMODATE NEW STAIR AND LANDING. SEE THE STRUCTURAL DRAWINGS AND STAIR DETAILS.
16. EXCAVATE FOR UNDER SLAB DUCTWORK, SEE THE MECHANICAL DRAWINGS.
17. DEMO EXISTING CONCRETE STAIR, RETAINING WALL, STEEL GUARDRAIL, AND ASSOCIATED FOUNDATIONS - FIELD VERIFY.
18. DEMOLISH EXISTING WOOD DOOR, DOOR FRAME, AND ASSOCIATED HARDWARE.
19. LINE OF EXISTING FOOTINGS, TYP. VERIFY IN FIELD.

LEGEND

- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE. SEE THE KEYONTES AND OTHER SHEETS FOR ADDITIONAL INFORMATION
- DASHED LINEWORK DENOTES WALLS AND/OR ITEMS TO BE REMOVED
- DENOTES APPROXIMATE FLOOR AREA TO BE REMOVED
- EARTH/UNEXCAVATED AREAS

LICENSED ARCHITECT — JAKE E. MUNTER — C-1934 — STATE OF WYOMING — DATE 11-20-17

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7 ARCHITECTS
Cheyenne, WY 82001
www.7architects.com
307.632.0741
307.632.0745

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

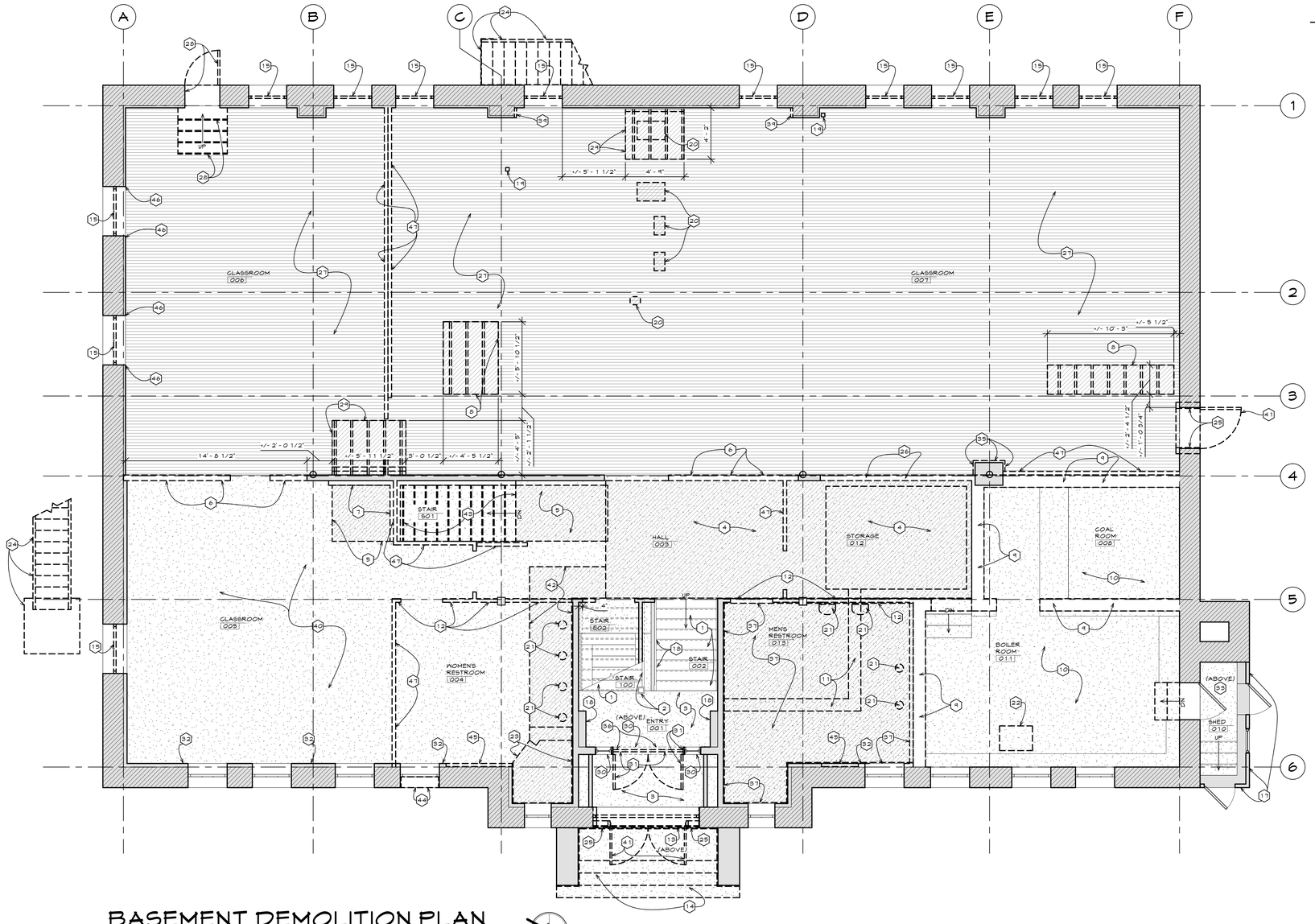
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
SUB-BASEMENT AND ELEVATOR EQUIPMENT ROOM DEMOLITION PLAN

SHEET NUMBER
3.00



BASEMENT DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

TRUE NORTH
PLAN NORTH

GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. ALL ITEMS THAT ARE DEMOLISHED OR REMOVED ARE TO BE DISPOSED OF PROPERLY OFF SITE UNLESS NOTED OTHERWISE.
3. OWNER HAS FIRST RIGHT OF REFUSAL ON ALL DEMOLITION ITEMS.
4. SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL PLANS FOR ADDITIONAL DEMOLITION ITEMS.
5. SEE BUILDING ELEVATIONS, SITE DEMOLITION PLAN, AND OTHER DEMOLITION SHEETS FOR ADDITIONAL DEMO ITEMS.
6. SEE THE STRUCTURAL DRAWINGS FOR SHORING, REINFORCEMENTS, AND OTHER REQUIREMENTS ASSOCIATED WITH EXCAVATION WORK OR THE DEMOLITION OF STRUCTURAL ITEMS. CONTRACTOR TO CONSULT THE OWNER'S GEOTECHNICAL ENGINEER PRIOR TO THE START OF ANY DEMOLITION OR EXCAVATION WORK.
7. CONTRACTOR SHALL PROVIDE PATCHING AND/OR REPAIR AS NEEDED IN ALL AREAS WHERE DEMOLITION HAS OCCURED TO RESTORE THEM TO THEIR COMPLETE AND ORIGINAL STATE OR TO PROVIDE ADEQUATE SURFACES FOR NEW FINISHES. PROVIDE PATCHING WITH MATERIALS APPROPRIATE TO THE EXISTING SURROUNDING MATERIALS. SEE THE REFERENCE PLANS, FINISH PLANS, AND STRUCTURAL DRAWINGS FOR MORE INFO.
8. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO PROCEEDING WITH WORK.
9. GENERAL CONTRACTOR TO VERIFY ALL CONDITIONS AT THE SITE AND REPORT ALL DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
10. ROOM NAMES AND NUMBERS ON THIS SHEET REFER TO THIS SHEET ONLY.
11. CONTRACTOR TO SALVAGE ALL TONGUE AND GROOVE FLOORING WHERE REMOVED AND RETAIN SUPPLY FOR PATCHING OF FLOORS ELSEWHERE. SEE THE DEMO PLANS, REFERENCE PLANS, AND FINISH PLANS.

KEYNOTES

1. SAND EXISTING STAIR TREADS, RISERS, AND LANDINGS. REMOVE FINISHES, PAINT, AND/OR TRACTION TAPE. SAND ALL WOOD SURFACES AND PROVIDE WOOD FILLER PATCHING & REPAIR AS NEEDED. PREP SURFACES FOR NEW FINISHES. SEE THE FINISH PLANS. CONTRACTOR'S OPTION TO REPLACE STAIR TREADS IN LIEU OF SANDING.
2. SAND EXISTING STAIR BALLUSTERS, POSTS, AND RAILS. REMOVE FINISHES, PROVIDE WOOD FILLER AS NEEDED AND PREP SURFACES FOR NEW FINISH. SEE THE FINISH PLANS.
3. REMOVE PAINT/FINISHES FROM EXISTING CONCRETE LANDING. PROVIDE PATCHING AS NEEDED AND PREP SURFACES FOR NEW FINISH. SEE THE FINISH PLANS.
4. SAW-CUT EXISTING CONRETE FLOOR SLAB AND DEMO SLAB IN PREPARATION FOR EXCAVATION OF ELEVATOR SHAFT AND ELEVATOR ACCESS. SEE THE STRUCTURAL DRAWINGS.
5. SAW-CUT EXISTING 14" CONCRETE FLOOR SLAB AND DEMO SLAB IN PREPARATION FOR EXCAVATION OF NEW STAIRWAY TO SUB BASEMENT. SEE THE STRUCTURAL DRAWINGS AND ENLARGED STAIR PLANS AND DETAILS.
6. CREATE OPENING IN EXISTING 2 X 6 WOOD STUD BEARING WALL. SEE THE REFERENCE PLANS, DIMENSION PLANS, AND STRUCTURAL DRAWINGS.
7. DEMO CURB/TOP OF WALLS FROM FLOOR BELOW EXTENDING THROUGH FLOOR. SEE THE STRUCTURAL DRAWINGS.
8. CUT-OUT PORTION OF EXISTING WOOD FLOORING AND JOISTS TO CREATE OPENING FOR MECHANICAL SHAFT. SEE THE STRUCTURAL AND MECHANICAL DRAWINGS.
9. DEMO EXISTING STONE WALL. SEE THE STRUCTURAL DRAWINGS.
10. PREP AREA FOR INFILL AND NEW CONCRETE SLAB - EXISTING CONCRETE TO REMIAN UNLESS NOTED OTHERWISE. SEE THE STRUCTURAL DRAWINGS.
11. HYDRAULIC LINE INSTALLATION FOR ELEVATOR TO MACHINE ROOM. EXCAVATE TRENCH FOR HYDRAULIC LINES FROM ELEVATOR EQUIPMENT ROOM TO ELEVATOR SHAFT.
12. DEMO EXISTING 2 X 4 WOOD STUD BEARING WALL. SEE THE STRUCTURAL DRAWINGS.
13. REMOVE EXISTING TRANSOM WINDOW ABOVE ENTRY DOOR & PREP OPENINGS FOR NEW WINDOW. RETURN WINDOW TO OWNER FOR SALVAGE. SEE THE WINDOW SHEET(S) AND ELEVATIONS.
14. EXISTING CONCRETE STAIR TREADS AND LANDING TO BE DEMOLISHED. ADJACENT HISTORIC STONE CHEEK WALLS TO REMAIN. SEE SHEETS 1.104 & 1.20.
15. REMOVE AND SALVAGE EXISTING STEEL FRAME WINDOW AND RETURN TO OWNER FOR SALVAGE AND/OR RE-USE DURING CONSTRUCTION. DEMO EXISTING PLASTER AND MESH BACKING AROUND WINDOW OPENING ON BUILDING INTERIOR AS NEEDED TO ACCOMMODATE NEW WINDOW AND FINISHES. VERIFY EXTENT IN FIELD. PREP OPENING FOR INSTALL OF NEW WINDOW. SEE THE WINDOW SHEET(S) AND ELEVATIONS.
16. NOT USED.
17. SAND EXTERIOR PAINT ON SHED IN PREPERATION FOR NEW PAINT. SEE THE FINISH PLANS.
18. SAND AND REMOVE FINISH FROM BUILT IN SHELF. PREP SURFACES AS NEEDED FOR NEW FINISH. SEE THE FINISH PLANS.
19. CUT-OUT PORTION OF EXISTING WOOD FLOORING AS NEEDED TO ACCOMMODATE SUPPORT COLUMNS THAT EXTEND THROUGH FLOOR TO LOWER LEVEL. FIELD VERIFY COLUMN LOCATIONS TO AVOID CONFLICTS WITH EXISTING STRUCTURE. SEE THE STRUCTURAL DRAWINGS.
20. CUT-OUT EXISTING FLOOR AS NEEDED FOR NEW PLUMBING FIXTURE ROUGH-INS. PROVIDE BLOCKING AND HEAD REINFORCEMENTS AT LOCATIONS WHERE PIPING CONFLICTS WITH EXISTING FLOOR JOISTS. SEE THE STRUCTURAL DRAWINGS FOR DETAILS, SEE THE MECHANICAL DRAWINGS AND INTERIOR ELEVATIONS.
21. DEMO PORTIONS OF EXISTING PLUMBING FIXTURES THAT REMAIN CAST IN CONCRETE FLOOR AND/OR ASSOCIATED DRAIN PIPE.
22. DEMO & REMOVE EXISTING BOILER AND ALL ASSOCIATED PIPING/CONDUIT.
23. DEMO EXISTING CONCRETE SHOWER PAN.
24. DEMO EXISTING STEEL FRAME FIRE ESCAPES DOWN TO GRADE - REMOVE ALL ASSOCIATED PLATFORMS, BRACING, ANCHORS, ATTACHEMENTS & FOOTINGS. SEE THE DEMOLITION SITE PLAN. GROUT PATCH ANY HOLES IN MASONRY.
25. DEMO ALL EXISTING INFILL FRAMING, FURRING, & SHEATHING ASSOCIATED WITH EXISTING DOOR. RESTORE ROUGH OPENING TO FACE OF STONE.
26. DEMO PORTION OF EXISTING 2 X 6 WOOD STUD BEARING WALL IN PREPERATION FOR CONSTRUCTION OF ELEVATOR SHAFT - SEE THE STRUCTURAL DRAWINGS.
27. SAND EXISTING HARDWOOD FLOORING, ENTIRE FLOOR. REMOVE ALL EXISTING ADHESIVES, PROVIDE PATCHING AND WOOD FILLER AS NEEDED. PATCH OR REPLACE WORN, DAMAGED, AND/OR MISSING BOARDS, AND PREP SURFACES FOR NEW FINISH. SEE THE REFERENCE PLANS.
28. DEMO EXISTING WOOD FRAMED STAIR AND ASSOCIATED EXIT DOOR FRAME AND ASSOCIATED HARDWARE. RETURN DOOR TO OWNER. PREP OPENING FOR MASONRY INFILL. SEE THE REFERENCE PLANS AND BUILDING ELEVATIONS.
29. CUT-OUT PORTION OF EXISTING FLOORING, ASSOCIATED WOOD JOISTS AND STEEL BEAM. SEE THE STRUCTURAL DRAWINGS FOR SHORING AND INFILL DETAILS. SEE THE REFERENCE PLANS AND FINISH PLANS. COORDINATE WITH PLUMBING ROUGH INS IN THIS AREA.
30. SAND EXISTING PAINT/FINISHES FROM ENTRY DOOR AND ASSOCIATED TRANSOM WINDOW AND SIDE LITES. PROVIDE PATCHING AND WOOD FILLER AS NEEDED. PREP SURFACES FOR NEW FINISH. SEE THE DOOR & WINDOW SHEET(S) AND FINISH PLANS.
31. EXISTING DOUBLE DOORS AND ASSOCIATED HARDWARE TO BE REMOVED - DOOR JAMBS, ADJACENT & ABOVE WINDOW LITES TO REMAIN. PROVIDE WOOD FILLER AS NEEDED ON ENDS OF JAMBS. MAKE SURFACES FLUSH & PREPARE FOR FINISHES. SEE THE REFERENCE PLANS AND FINISH PLANS.
32. CUT-OUT AND/OR TRIM EXISTING WOOD FURRING ADJACENT TO WINDOW OPENINGS AS NEEDED TO ACCOMMODATE STRUCTURAL REINFORCEMENTS AT WINDOW OPENINGS. SEE THE STRUCTURAL DRAWINGS AND REFERENCE PLANS.
33. DEMO EXISTING SHINGLES ON SHED ROOF (ALL LAYERS). SEE THE REFERENCE PLAN AND BUILDING ELEVATIONS.
34. NOT USED.
35. UNKNOWN IF EXISTING CONCRETE PILASTER EXTENDS UP FROM SUB BASEMENT TO BASEMENT LEVEL. DEMO AND REMOVE ALL EXISTING FINISHES, PLASTER AND ASSOCIATED BACKING/FRAMING ON EXISTING PILASTER DOWN TO STRUCTURE. SEE THE REFERENCE PLAN FOR MORE INFORMATION.
36. REMOVE EXISTING WOOD THRESHOLD, PATCH AS NEEDED TO MAKE ADJACENT FLOOR SURFACES FLUSH.
37. DEMO EXISTING 14" CONCRETE SLAB ON GRADE. SEE STRUCTURAL DRAWINGS, REFERENCE PLAN AND FINISH PLANS.
38. NOT USED.
39. REMOVE PORTION OF EXISTING PLASTER ON EXISTING PILASTER AS NEEDED TO ACCOMMODATE NEW WALL FRAMING ADJACENT TO PILASTER. SEE THE REFERENCE PLANS.
40. GRIND FULL EXTENT OF SURFACE OF EXISTING CONCRETE FLOOR SLAB TO REMAIN TO PREP FOR FINISHES - REMOVE EXISTING COATING(S), SEAL CRACKS AND JOINTS.
41. DEMOLISH EXISTING DOOR, DOOR FRAME, AND ALL ASSOCIATED HARDWARE.
42. SAW-CUT AND DEMOLISH EXISTING 14" CONCRETE SLAB AS NEEDED FOR UNDERGROUND DUCT. SEE THE MECHANICAL DRAWINGS.
43. DEMOLISH EXISTING CONCRETE STAIR.
44. DEMOLISH EXISTING CAST-IN-PLACE CONCRETE WINDOW SILL (REMOVE WINDOW IF NECESSARY FOR DEMO AND RE-INSTALL WINDOW).
45. DEMOLISH EXISTING FURRING AS NEEDED TO ACCOMODATE STRUCTURAL WALL. SEE STRUCTURAL DRAWINGS.
46. CUT-OUT AND/OR TRIM EXISTING PLASTER ADJACENT TO WINDOW OPENINGS AS NEEDED TO ACCOMMODATE STRUCTURAL REINFORCEMENTS AT WINDOW OPENINGS. SEE THE STRUCTURAL DRAWINGS AND REFERENCE PLANS.
47. DEMO EXISTING 2X4 WOOD STUD WALL.

LEGEND

- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE.
- DASHED LINEWORK DENOTES WALLS AND/OR ITEMS TO BE REMOVED
- DENOTES APPROXIMATE FLOOR AREA TO BE REMOVED, 14" CONCRETE OR HARDWOOD FLOOR AND WOOD SUB-FLOOR

LICENSED ARCHITECT
JAKE T. MUNTER
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No 7 ARCHITECTS
Copyright 2001
www.stateline7.com
THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

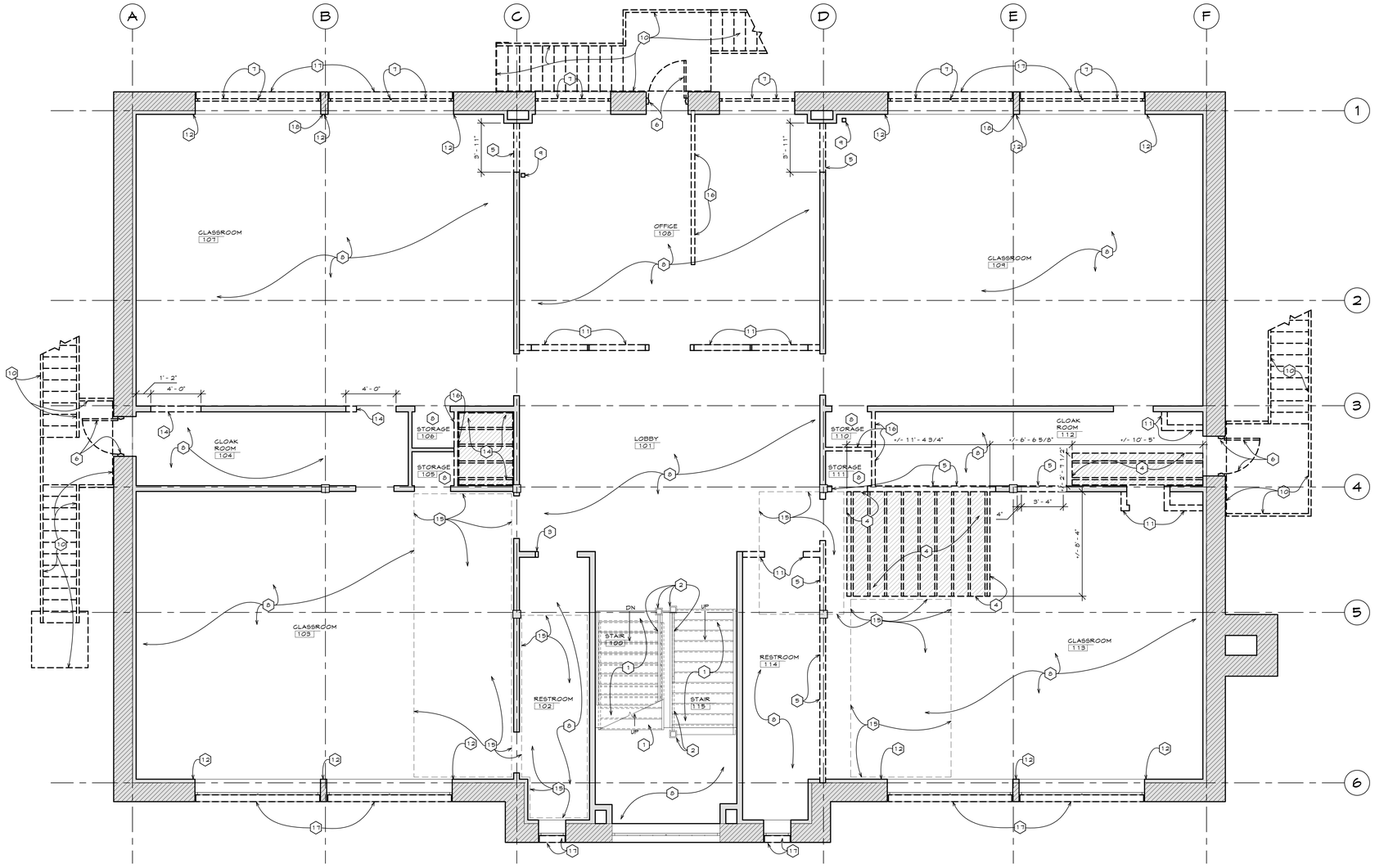
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

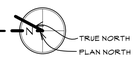
SHEET TITLE
BASEMENT DEMOLITION PLAN

SHEET NUMBER
3.05



FIRST FLOOR DEMOLITION PLAN

SCALE: 1/4" = 1'-0"



GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. ALL ITEMS THAT ARE DEMOLISHED OR REMOVED ARE TO BE DISPOSED OF PROPERLY OFF SITE UNLESS NOTED OTHERWISE.
3. OWNER HAS FIRST RIGHT OF REFUSAL ON ALL DEMOLITION ITEMS.
4. SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL PLANS FOR ADDITIONAL DEMOLITION ITEMS.
5. SEE BUILDING ELEVATIONS, SITE DEMOLITION PLAN, AND OTHER DEMOLITION SHEETS FOR ADDITIONAL DEMO ITEMS.
6. SEE THE STRUCTURAL DRAWINGS FOR SHORING, REINFORCEMENTS, AND OTHER REQUIREMENTS ASSOCIATED WITH EXCAVATION WORK OR THE DEMOLITION OF STRUCTURAL ITEMS.
7. CONTRACTOR SHALL PROVIDE PATCHING AND/OR REPAIR AS NEEDED IN ALL AREAS WHERE DEMOLITION HAS OCCURED TO RESTORE THEM TO THEIR COMPLETE AND ORIGINAL STATE OR TO PROVIDE ADEQUATE SURFACES FOR NEW FINISHES. PROVIDE PATCHING WITH MATERIALS APPROPRIATE TO THE EXISTING SURROUNDING MATERIALS. SEE THE REFERENCE PLANS, FINISH PLANS, AND STRUCTURAL DRAWINGS FOR MORE INFO.
8. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO PROCEEDING WITH WORK.
9. GENERAL CONTRACTOR TO VERIFY ALL CONDITIONS AT THE SITE AND REPORT ALL DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
10. ROOM NAMES AND NUMBERS ON THIS SHEET REFER TO THIS SHEET ONLY.
11. CONTRACTOR TO SALVAGE ALL TONGUE AND GROOVE FLOORING WHERE REMOVED AND RETAIN SUPPLY FOR PATCHING OF FLOORS ELSEWHERE. SEE THE DEMO PLANS, REFERENCE PLANS, AND FINISH PLANS.

KEYNOTES

1. SAND EXISTING STAIR TREADS, RISERS, AND LANDINGS. REMOVE FINISHES, PAINT, AND/OR TRACTION TAPE, AND PROVIDE WOOD FILLER PATCHING & REPAIR AS NEEDED. PREP SURFACES FOR NEW FINISHES. SEE THE FINISH PLANS. CONTRACTOR'S OPTION TO REPLACE STAIR TREADS IN LIEU OF SANDING.
2. SAND EXISTING STAIR BALLUSTERS, POSTS, AND RAILS. REMOVE FINISHES, PROVIDE WOOD FILLER AS NEEDED AND PREP SURFACES FOR NEW FINISH. SEE THE FINISH PLANS.
3. MINOR DEMOLITION OR FITTING MAY BE REQUIRED WHERE NEW DOORS ARE INSTALLED IN EXISTING DOOR OPENINGS - SEE THE DOOR SHEET(S).
4. CUT-OUT PORTION OF EXISTING WOOD FLOORING/SUBFLOOR AND JOISTS TO CREATE OPENING FOR ELEVATOR SHAFT AND/OR MECHANICAL CHASE. SEE THE STRUCTURAL AND MECHANICAL DRAWINGS.
5. DEMO PORTION OF EXISTING 2 X 6 WOOD STUD BEARING WALL. SEE THE REFERENCE PLANS, DIMENSIONS PLANS, AND STRUCTURAL DRAWINGS.
6. DEMO NEXISTING DOOR, DOOR FRAME AND ALL ASSOCIATED HARDWARE. PREP OPENING FOR INFILL. SEE THE ELEVATIONS.
7. REMOVE EXISTING STEEL FRAME WINDOW AND TURN OVER TO OWNER FOR SALVAGE/RE-USE. PREP OPENING FOR INSTALL OF NEW WINDOW. SEE THE WINDOW SHEET(S) AND ELEVATIONS.
8. SAND EXISTING HARDWOOD FLOORING, ENTIRE FLOOR. PROVIDE PATCHING AND WOOD FILLER AS NEEDED. PATCH OR REPLACE WORN, DAMAGED, AND/OR MISSING BOARDS, AND PREP SURFACES FOR NEW FINISH. SEE THE REFERENCE PLANS AND FINISH PLANS.
9. CUT-OUT PORTION OF EXISTING WOOD FLOORING AS NEEDED TO ACCOMMODATE COLUMNS THAT EXTEND THROUGH FLOOR TO LOWER LEVEL. FIELD VERIFY COLUMN LOCATIONS TO AVOID CONFLICTS WITH EXISTING STRUCTURE. SEE THE STRUCTURAL DRAWINGS.
10. DEMO EXISTING STEEL FRAMED FIRE ESCAPE DOWN TO GRADE - REMOVE ALL ASSOCIATED PLATFORMS, BRACING, ANCHORS, ATTACHEMENTS & FOOTINGS. SEE THE DEMOLITION SITE PLAN. GROUT PATCH ANY HOLES IN MASONRY.
11. DEMO EXISTING 2X6 WOOD STUD WALL.
12. CUT-OUT AND/OR TRIM EXISTING WOOD FURRING ADJACENT TO WINDOW OPENINGS AS NEEDED TO ACCOMMODATE STRUCTURAL REINFORCEMENTS AT WINDOW OPENINGS. SEE THE STRUCTURAL DRAWINGS AND REFERENCE PLANS.
13. NOT USED.
14. DEMO PORTION OF EXISTING 2 X 6 STUD BEARING WALL TO CREATE NEW 4' - 0" W X 8' - 0" H CLEAR OPENING.
15. APPROXIMATE EXTENT OF EXISTING FLOOR JOISTS TO BE DEMOD WHERE LOAD BEARING WALL IS DEMOD BELOW AT BASEMENT LEVEL. EXISTING FLOORING TO REMAIN IN-TACT - SALVAGE FOR REINSTALL AFTER NEW JOISTS ARE INSTALLED. SEE THE BASEMENT DEMOLITION PLAN, STRUCTURAL DRAWINGS, AND REFERENCE PLANS.
16. DEMOLISH EXISTING 2X4 WOOD STUD WALL.
17. DEMOLISH EXISTING CAST-IN-PLACE CONCRETE WINDOW SILL (REMOVE WINDOW IF NECESSARY FOR DEMO AND RE-INSTALL WINDOW).
18. DEMO EXISTING PLASTER AND MESH BACKING ON COLUMN TO ACCOMMODATE INSTALL OF NEW WINDOWS AND FINISHES, VERIFY EXTENT IN FIELD.

LEGEND

- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE.
- DASHED LINEWORK DENOTES WALLS AND/OR ITEMS TO BE REMOVED
- DENOTES APPROXIMATE FLOOR AREA TO BE REMOVED, HARDWOOD FLOOR AND WOOD SUBFLOOR
- DENOTES APPROXIMATE AREA OF EXISTING FLOOR JOISTS TO BE REPLACED - NOT ALL ITEMS SHOWN ON THIS PLAN. SEE THE STRUCTURAL DRAWINGS FOR ADDITIONAL WORK ITEMS

LICENSED ARCHITECT
JAMES E. MILNER
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7 ARCHITECTS
© Copyright 2001 Stateline Number Seven Inc. PROJECT NO. 9202-01 DATE 10-20-2001

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE NO. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE NO. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

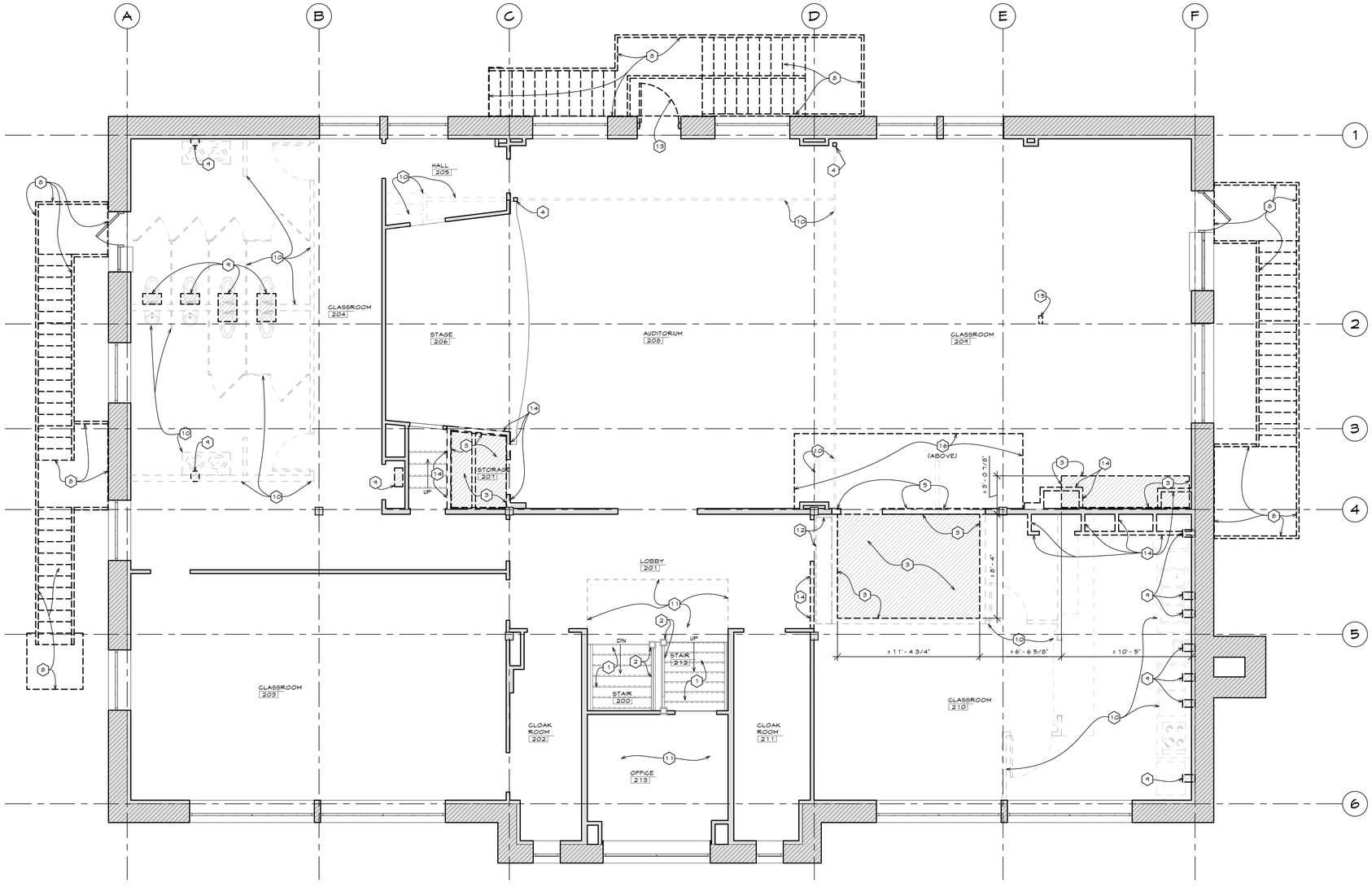
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
FIRST FLOOR DEMOLITION PLAN

SHEET NUMBER
3.10



SECOND FLOOR DEMOLITION PLAN
PHASE 1
SCALE: 1/4" = 1'-0"

TRUE NORTH
PLAN NORTH

GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. ALL ITEMS THAT ARE DEMOLISHED OR REMOVED ARE TO BE DISPOSED OF PROPERLY OFF SITE UNLESS NOTED OTHERWISE.
3. OWNER HAS FIRST RIGHT OF REFUSAL ON ALL DEMOLITION ITEMS.
4. SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL PLANS FOR ADDITIONAL DEMOLITION ITEMS.
5. SEE BUILDING ELEVATIONS, SITE DEMOLITION PLAN, AND OTHER DEMOLITION SHEETS FOR ADDITIONAL DEMO ITEMS.
6. SEE THE STRUCTURAL DRAWINGS FOR SHORING, REINFORCEMENTS, AND OTHER REQUIREMENTS ASSOCIATED WITH EXCAVATION WORK OR THE DEMOLITION OF STRUCTURAL ITEMS.
7. CONTRACTOR SHALL PROVIDE PATCHING AND/OR REPAIR AS NEEDED IN ALL AREAS WHERE DEMOLITION HAS OCCURED TO RESTORE THEM TO THEIR COMPLETE AND ORIGINAL STATE OR TO PROVIDE ADEQUATE SURFACES FOR NEW FINISHES. PROVIDE PATCHING WITH MATERIALS APPROPRIATE TO THE EXISTING SURROUNDING MATERIALS. SEE THE REFERENCE PLANS, FINISH PLANS, AND STRUCTURAL DRAWINGS FOR MORE INFO.
8. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO PROCEEDING WITH WORK.
9. GENERAL CONTRACTOR TO VERIFY ALL CONDITIONS AT THE SITE AND REPORT ALL DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
10. ROOM NAMES AND NUMBERS ON THIS SHEET REFER TO THIS SHEET ONLY.
11. CONTRACTOR TO SALVAGE ALL TONGUE AND GROOVE FLOORING WHERE REMOVED AND RETAIN SUPPLY FOR PATCHING OF FLOORS ELSEWHERE. SEE THE DEMO PLANS, REFERENCE PLANS, AND FINISH PLANS.

KEYNOTES

1. SAND EXISTING STAIR TREADS, RISERS, AND LANDINGS. REMOVE FINISHES, PAINT, AND/OR TRACTION TAPE SURFACES, AND PROVIDE WOOD FILLER PATCHING & REPAIR AS NEEDED. PREP SURFACES FOR NEW FINISHES. SEE THE FINISH PLANS. CONTRACTOR'S OPTION TO REPLACE STAIR TREADS IN LIEU OF SANDING.
2. SAND EXISTING STAIR BALLUSTERS, POSTS, AND RAILS. REMOVE FINISHES, PROVIDE WOOD FILLER AS NEEDED AND PREP SURFACES FOR NEW FINISH. SEE THE FINISH PLANS.
3. CUT-OUT PORTION OF EXISTING WOOD FLOORING/SUBFLOOR AND JOISTS TO CREATE OPENING FOR ELEVATOR SHAFT AND/OR MECHANICAL CHASE. SEE THE STRUCTURAL AND MECHANICAL DRAWINGS.
4. CUT-OUT PORTION OF EXISTING WOOD FLOORING AS NEEDED TO ACCOMMODATE COLUMN THAT EXTENDS THROUGH FLOOR TO LOWER LEVEL. FIELD VERIFY COLUMN LOCATIONS TO AVOID CONFLICTS WITH EXISTING STRUCTURE. SEE STRUCTURAL DRAWINGS.
5. DEMO PORTION OF EXISTING 2 X 6 WOOD STUD BEARING WALL. SEE THE REFERENCE PLANS, DIMENSIONS PLANS, AND STRUCTURAL DRAWINGS.
6. NOT USED.
7. NOT USED.
8. DEMO EXISTING STEEL FRAMED FIRE ESCAPE DOWN TO GRADE - REMOVE ALL ASSOCIATED PLATFORMS, BRACING, ANCHORS, ATTACHEMENTS & FOOTINGS. SEE THE DEMOLITION SITE PLAN. GROUT PATCH ANY HOLES IN MASONRY.
9. CUT-OUT EXISTING FLOOR AS NEEDED FOR NEW PLUMBING FIXTURE ROUGH-INS. PROVIDE BLOCKING AND HEAD REINFORCEMENTS AT LOCATIONS WHERE PIPING CONFLICTS WITH EXISTING FLOOR JOISTS. SEE THE STRUCTURAL AND MECHANICAL DRAWINGS.
10. FUTURE ITEMS SHOWN DASHED FOR REFERENCE ONLY, (TO BE COMPLETED IN FUTURE PHASE 2).
11. SAND EXISTING HARDWOOD FLOORING, ENTIRE FLOOR. PROVIDE PATCHING AND WOOD FILLER AS NEEDED. PATCH OR REPLACE WORN, DAMAGED, AND/OR MISSING BOARDS, AND PREP SURFACES FOR NEW FINISH. SEE THE REFERENCE PLANS AND FINISH PLANS.
12. APPROXIMATE EXTENT OF EXISTING FLOOR JOISTS TO BE DEMO'D WHERE LOAD BEARING WALL IS DEMO'D BELOW AT FIRST FLOOR LEVEL. EXISTING FLOORING TO REMAIN IN-TACT - SALVAGE FOR REINSTALL AFTER NEW JOISTS ARE INSTALLED. SEE THE FIRST FLOOR DEMOLITION PLAN, STRUCTURAL DRAWINGS, AND REFERENCE PLANS.
13. DEMOLISH EXISTING DOOR, DOOR FRAME, AND ALL ASSOCIATED HARDWARE.
14. DEMOLISH EXISTING 2X4 WOOD STUD WALL.
15. EXISTING SCAB COLUMN TO BE REMOVED, SEE THE STRUCTURAL DRAWINGS.
16. DEMO PORTION OF EXISTING PLENUM SPACE IN ATTIC SPACE ABOVE TO ACCOMMODATE ELEVATOR SHAFT CONSTRUCTION, VERIFY EXTENT IN FIELD.

LEGEND

- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE
- DASHED LINEWORK DENOTES WALLS AND/OR ITEMS TO BE REMOVED
- DENOTES APPROXIMATE FLOOR AREA TO BE REMOVED, HARDWOOD FLOOR AND WOOD SUBFLOOR
- DENOTES APPROXIMATE AREA OF EXISTING FLOOR JOISTS TO BE REPLACED - NOT ALL ITEMS SHOWN ON THIS PLAN, SEE THE STRUCTURAL DRAWINGS FOR ADDITIONAL WORK ITEMS

LICENSED ARCHITECT
JAKE E. MUENTER
E-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline 7 ARCHITECTS
Cheyenne WY 82001
www.stateline7.com
307-635-1511

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

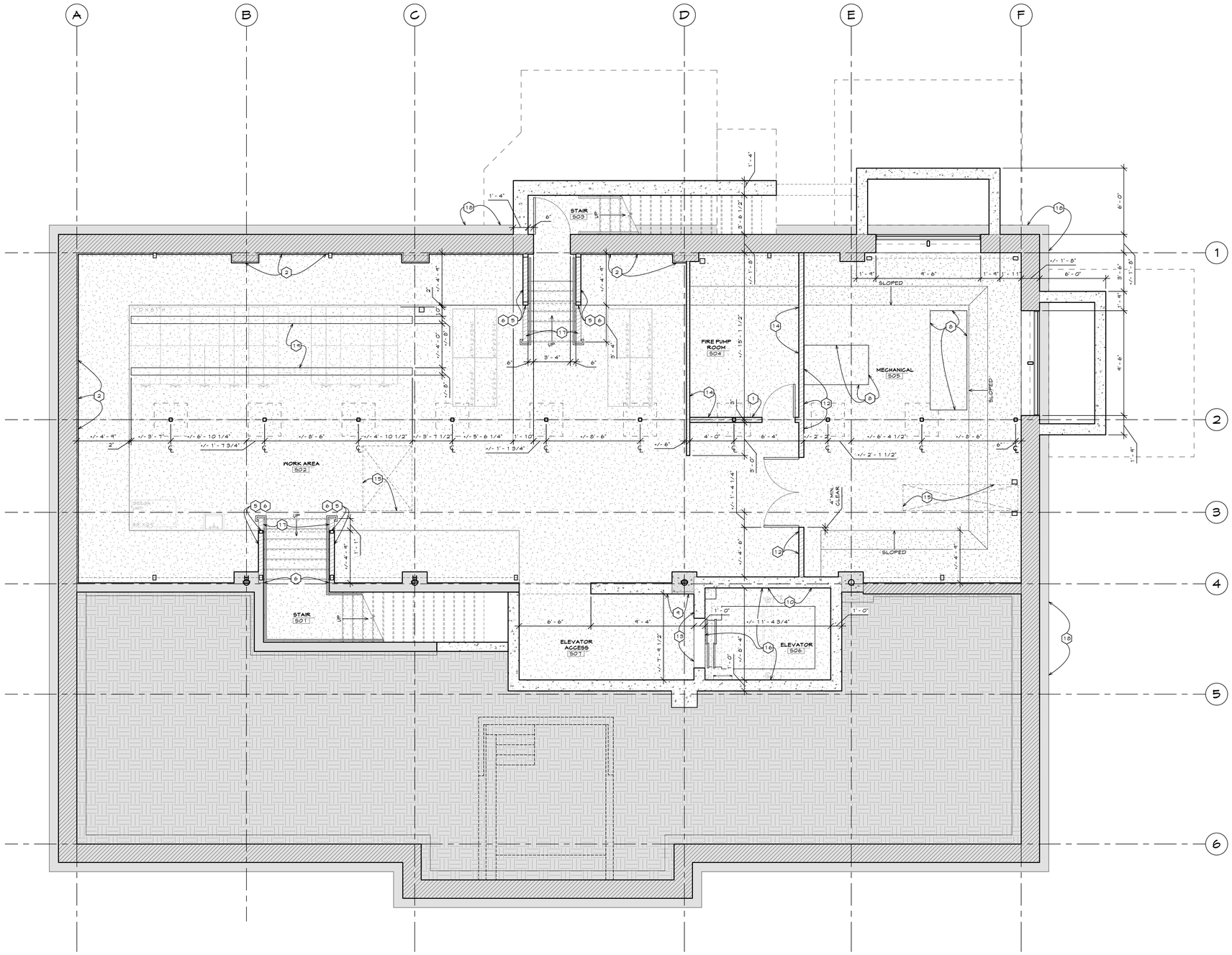
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
SECOND FLOOR DEMOLITION PLAN - PHASE 1

SHEET NUMBER
3.15



SUB-BASEMENT DIMENSION PLAN

SCALE: 1/4" = 1'-0"

TRUE NORTH
PLAN NORTH

GENERAL NOTES

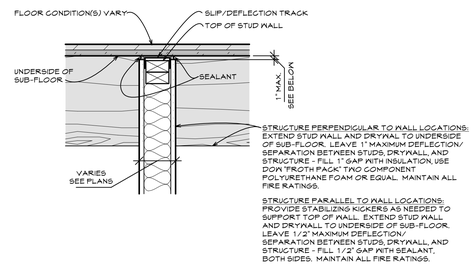
1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. ALL DIMENSIONS ARE TO FACE OF STUD, FACE OF FOOTING OR FOUNDATION WALL, OR FACE OF EXISTING STONE UNLESS NOTED OTHERWISE.
3. SHELVING UNITS AND OTHER OWNER PROVIDED EQUIPMENT HAS BEEN SHOWN FOR REFERENCE AND COORDINATION.
4. SEE THE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. ALL DOOR AND/OR WINDOW SIZES SHOWN ARE NOMINAL. CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES IN FIELD AND COORDINATE WITH DOOR/WINDOW SUPPLIER.
7. SEE THE REFERENCE PLANS FOR ADDITIONAL ITEMS THAT APPEAR ON THIS SHEET THAT HAVE ENLARGED PLANS WITH DETAILS AND DIMENSIONS ELSEWHERE.
8. SEE THE REFLECTED CEILING PLANS FOR ADDITIONAL SOFFIT AND HEADER FRAMING ITEMS NOT SHOWN ON THIS SHEET.
9. ALL NEW AND EXISTING INTERIOR WALLS TO BE FULLY INFILLED WITH INSULATION, TYP. UNLESS NOTED OTHERWISE.

KEYNOTES

1. WALL SIMILAR TO LEGEND EXCEPT CONSTRUCTED WITH 6" STEEL STUDS.
2. 2 X 2 WOOD STUD FURRING AT 16" O.C. BUILT OUT ALONG FACE OF EXISTING STONE FOUNDATION WALLS. FULL HEIGHT FROM FOOTING TO UNDERSIDE OF FLOOR ABOVE. SEE LEGEND FOR CONSTRUCTION DETAILS. NOTE - ACOUSTIC INSULATION NOT REQUIRED IN THESE WALLS, FINISH INTERIOR SIDE ONLY.
3. NOT USED.
4. NOT USED.
5. 2 X 6 WOOD STUD FRAMING AT 16" O.C. NOTE - ACOUSTIC INSULATION NOT REQUIRED IN THESE WALLS.
6. ALIGN FRAMING SO FINISHED SURFACES ARE FLUSH, TYP.
7. NOT USED.
8. RAISED CONCRETE MECHANICAL EQUIPMENT HOUSEKEEPING PAD. COORDINATE LOCATION & SIZING WITH MECHANICAL EQUIPMENT AND LAYOUT. MAINTAIN ALL MANUFACTURER CLEARANCES. SEE THE MECHANICAL DRAWINGS.
9. PATCH/INFILL AS NEEDED BEHIND PILASTER TO ENSURE NEW WALL SURFACES ARE FLUSH
10. SEE STRUCTURAL DRAWINGS FOR SHAFT WALL ALIGNMENT WITH EXISTING BEARING WALLS ABOVE.
11. NOT USED.
12. 2 X 6 WOOD STUD WALL - PROVIDE THERMAL INSULATION IN DIVIDING WALL BETWEEN MECHANICAL ROOM AND WORK AREA, ENTIRE EXTENT OF WALL.
13. ELEVATOR SHAFT ENTRANCE WALL FRAMING SIZE, JAMB CONFIGURATION & CONSTRUCTION VARY BETWEEN MANUFACTURERS - COORDINATE WITH ELEVATOR SUPPLIER. MAINTAIN REQUIRED FIRE RATING.
14. 1 - HOUR FIRE RATED WALL - (1) LAYER OF 5/8" TYPE - X GYPSUM BOARD APPLIED TO BOTH SIDES OF WALL. SEE LEGEND FOR FRAMING TYPE(S).
15. MECHANICAL SHAFT ABOVE.
16. 2 - HOUR FIRE RATED WALL, 1' - 0" THICK CONCRETE.
17. HALF-WALL CONSTRUCTED OF 2 X 6 STUDS AND 5/8" DRYWALL ON BOTH SIDES. SLOPED TOP, SEE 1/8.20 OR 2/8.20 FOR HEIGHT AND SLOPE.
18. APPROXIMATE EXTENT OF EXISTING FOOTINGS - VERIFY IN FIELD.
19. +/- 1 1/2" DEEP RECESSED TROUGH IN CONCRETE FLOOR SLAB FOR HIGH DENSITY STORAGE UNIT TRACK SYSTEM, SEE THE REFERENCE PLAN.

LEGEND

- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE. SEE THE KEYONTES AND OTHER SHEETS FOR ADDITIONAL INFORMATION
- NEW CONCRETE - SEE THE STRUCTURAL DRAWINGS FOR THICKNESS AND CONSTRUCTION
- WOOD STUD WALLS - ALL NEW INTERIOR WOOD STUD PARTITION WALLS TO BE CONSTRUCTED AS FOLLOWS UNLESS NOTED OTHERWISE: 2" X 4" STUDS AT 16" O.C. WITH FULL ACOUSTIC INSULATION AND 5/8" GYPSUM BOARD ON EACH SIDE. EXTEND BOTH LAYERS OF GYPSUM BOARD UP TO BOTTOM OF EXISTING FLOOR AND/OR STRUCTURE ABOVE. PROVIDE ACOUSTIC SEALANT AROUND WALL PERIMETER AND AT ANY PENETRATIONS THROUGH WALL TO PREVENT SOUND TRANSFER. SEE DETAIL 1/3.20 FOR TYPICAL DEFLECTION HEAD AT TOP OF WALL. SEE STRUCTURAL FOR CONSTRUCTION AT BEARING WALL LOCATIONS.
- EARTH/UNEXCAVATED AREAS



1 DEFLECTION HEAD

SCALE: 1 1/2" = 1'-0"

LICENSED ARCHITECT
JOHN E. MUENZER
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7
ARCHITECTS
P.O. Box 2601
Cheyenne, WY 82003
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

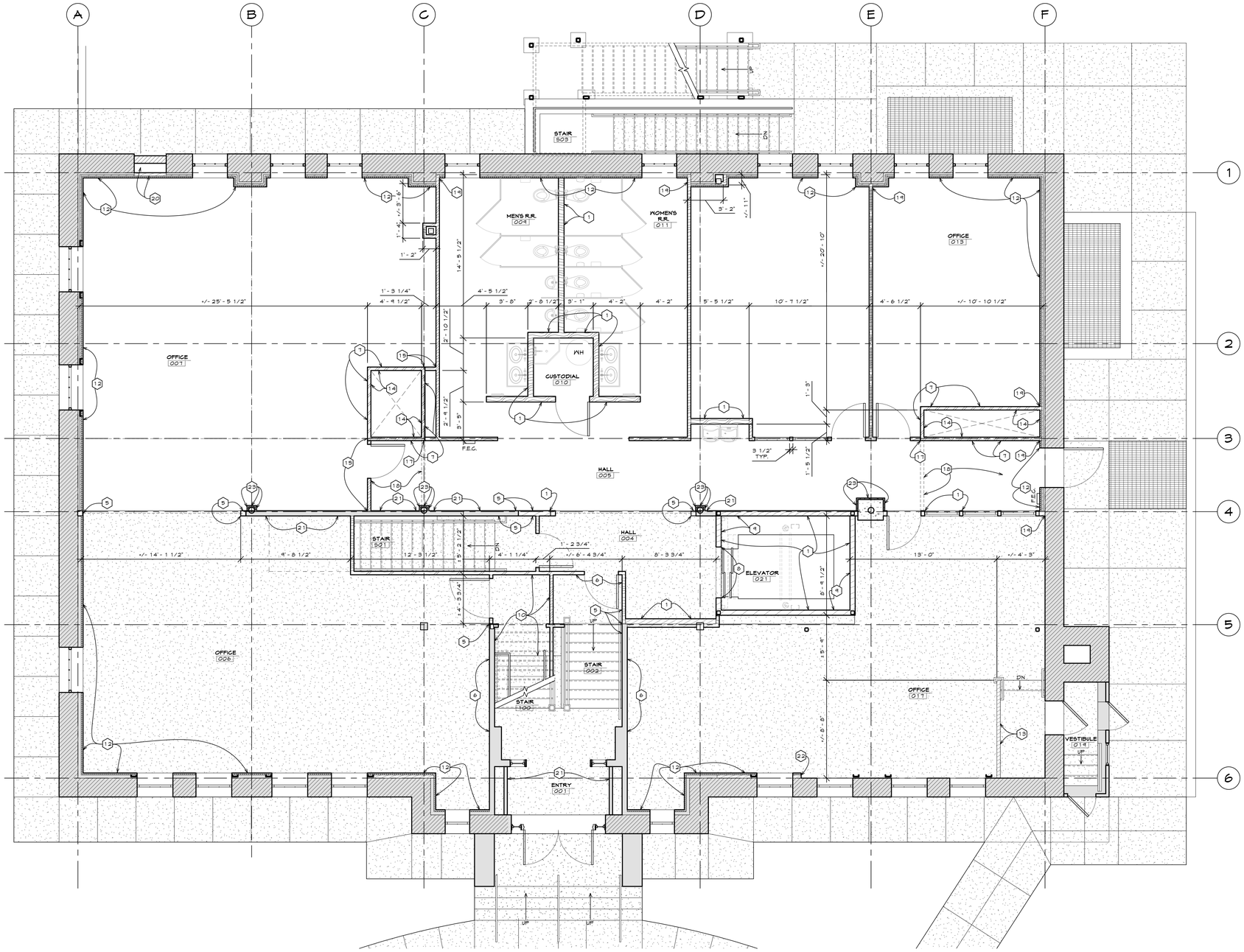
DATE
11-20-2017

DRAWN BY
KFOX

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
SUB-BASEMENT DIMENSION PLAN

SHEET NUMBER
3.20



BASEMENT DIMENSION PLAN

SCALE: 1/4" = 1'-0"

TRUE NORTH

PLAN NORTH

GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. ALL DIMENSIONS ARE TO FACE OF NEW STUDS, FACE OF EXISTING STUDS, FACE OF EXISTING PLASTER, OR FACE OF EXISTING STONE UNLESS NOTED OTHERWISE.
3. OWNER PROVIDED EQUIPMENT HAS BEEN SHOWN FOR REFERENCE.
4. SEE THE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. ALL DOOR AND/OR WINDOW SIZES SHOWN ARE NOMINAL. CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES IN FIELD AND COORDINATE WITH DOOR/WINDOW SUPPLIER.
7. SEE THE REFERENCE PLANS FOR ADDITIONAL ITEMS THAT APPEAR ON THESE SHEETS THAT HAVE ENLARGED PLANS WITH DETAILS AND DIMENSIONS ELSEWHERE.
8. SEE THE REFLECTED CEILING PLANS FOR ADDITIONAL SOFFIT AND HEADER FRAMING ITEMS NOT SHOWN ON THESE SHEETS.
9. ALL NEW AND EXISTING INTERIOR WALLS TO BE FULLY INFILLED WITH ACOUSTIC BATT INSULATION, TYP. UNLESS NOTED OTHERWISE.

KEYNOTES

1. WALL SIMILAR TO LEGEND EXCEPT CONSTRUCTED WITH 2X6 WOOD STUDS.
2. NOT USED.
3. NOT USED.
4. NOT USED.
5. ALIGN FRAMING SO FINISHED SURFACES ARE FLUSH, TYP.
6. 1 - HOUR FIRE RATED WALL - (1) LAYER OF 5/8" TYPE - X GYPSUM BOARD APPLIED TO BOTH SIDES OF EXISTING 2 X WALL WITH FULL BATT INSULATION IN WALL CAVITY.
7. 2 - HOUR FIRE RATED WALL TO MEET UL#425 - (1) LAYER OF 1" TYPE X GYPSUM BOARD ON INTERIOR SIDE OF CHASE WALL. 2-1/2" STEEL C-T/C-H STUDS 24" O.C., EXTERIOR OF CHASE TO RECIEVE (2) LAYERS OF 5/8" TYPE X GYPSUM BOARD.
8. ELEVATOR SHAFT ENTRANCE WALL FRAMING SIZE, JAMB CONFIGURATION & CONSTRUCTION VARY BETWEEN MANUFACTURERS - COORDINATE WITH ELEVATOR SUPPLIER. MAINTAIN REQUIRED FIRE RATING.
9. ELEVATOR SHAFT WALL: 2 - HOUR FIRE RATED WALL - 2 X 6 WOOD STUDS AT 16" O.C. FULLY INFILLED WITH SOUND BATT INSULATION, WITH (2) LAYERS OF 5/8" TYPE - X GYPSUM BOARD ON BOTH SIDES OF WALL. SEE STRUCTURAL FOR ADDITIONAL CONSTRUCTION INFORMATION.
10. EQUIPMENT ROOM BELOW STAIR HAS 2 - HOUR FIRE RATING. MAINTAIN 2 - HOUR RATING THROUGHOUT EXTENT OF EQUIPMENT ROOM.
11. NOT USED.
12. 2" CONTINUOUS RIGID INSULATION APPIED TO FACE OF EXISTING WOOD STUD FURRING OR EXISTING PLASTER, ENTIRE PERIMETER OF EXTERIOR WALLS. SEE LEGEND FOR MORE INFO.
13. HALF WALL - WALL TO EXTEND 3' - 6" A.F.F.
14. COORDINATE CHASE OPENINGS IN FIELD - ALIGN WITH EXISTING FRAMING AND/OR FLOOR OPENINGS ABOVE AND BELOW.
15. EXTEND MULTIPLE LAYERS OF GYPSUM BOARD FROM FACE OF FIRE RATED SHAFT TO ADJACENT WALL - TERMINATE GYPSUM BOARD AT STUD WALL TO MAINTAIN EVEN SURFACES.
16. NOT USED.
17. TERMINATE MULTIPLE LAYERS OF GYPSUM BOARD FROM FIRE RATED SHAFT HERE. PROVIDE FINISHED SQUARE EDGE AND J-TRIM AT EDGE.
18. MECHANICAL CHASE OFFSETS AND CONTINUES OVERHEAD - SEE THE REFLECTED CEILING PLANS.
19. PROVIDE INFILL INSULATION AT ALL LOCATIONS WHERE RIGID INSULATION BREAKS AT NEW WALL/FRAMING LOCATIONS AND/OR DEMOLITION AREAS.
20. INFILL EXISTING DOOR OPENING - USE 5" C.M.U. AT THE EXTERIOR AND PROVIDE WOOD STUD FURRING ON BUILDING INTERIOR TO PROVIDE BACKING FOR FINISHES. SEE THE BUILDING ELEVATIONS AND FINISH PLANS.
21. EXISTING 2X WOOD FRAMED WALL, PROVIDE FULL SOUND BATT INSULATION AND 5/8" GYPSUM BOARD ON EACH SIDE FROM FLOOR TO BOTTOM OF FLOOR/STRUCTURE ABOVE WITH ACOUSTIC SEALANT AROUND PERIMETER AND AT PENETRATIONS.
22. FINISH WALL END - RETURN GYPSUM BOARD TO STONE AND PROVIDE SEALANT AND J-TRIM AT STONE EDGE.
23. 1 1/2" WOOD STUD FURRING AT 16" O.C. AROUND EXISTING COLUMN OR PILASTER TO PROVIDE BACKING FOR GYPSUM BOARD FINISHES.

LEGEND

- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE. SEE THE KEYONTES, GENERAL NOTES, AND OTHER SHEETS IN THIS SET FOR ADDITIONAL INFORMATION
- NEW CONCRETE - SEE THE STRUCTURAL DRAWINGS FOR THICKNESS AND CONSTRUCTION
- WOOD STUD WALLS - ALL NEW INTERIOR WOOD STUD PARTITION WALLS TO BE CONSTRUCTED AS FOLLOWS UNLESS NOTED OTHERWISE: 2" X 4" STUDS AT 16" O.C. WITH FULL ACOUSTIC BATT INSULATION AND 5/8" GYPSUM BOARD ON EACH SIDE. EXTEND BOTH LAYERS OF GYPSUM BOARD UP TO BOTTOM OF EXISTING FLOOR AND/OR STRUCTURE ABOVE. PROVIDE ACOUSTIC SEALANT AROUND WALL PERIMETER AND AT ANY PENETRATIONS THROUGH WALL TO PREVENT SOUND TRANSFER. SEE DETAIL 1/3.20 FOR TYPICAL DEFLECTION HEAD AT TOP OF WALL. SEE STRUCTURAL FOR CONSTRUCTION AT BEARING WALL LOCATIONS. SEE KEYONTES FOR FIRE RATED WALLS.
- 2" OF CONTINUOUS RIGID INSULATION APPLIED TO FACE OF EXISTING 2 X 4 WOOD FURRING - POLYISOCYANURATE BOARD, R - VALUE OF 10 MINIMUM WITH ONE LAYER OF 5/8" GYPSUM BOARD, FLOOR TO FLOOR/STRUCTURE ABOVE
- 1 1/2" WOOD STUD FURRING APPLIED TO FACE OF EXISTING PLASTER WITH 2" CONTINUOUS RIGID INSULATION FACING - POLYISOCYANURATE BOARD, R - VALUE OF 10 MINIMUM
- NEW STEEL BAR-GRATING - SEE THE REFERENCE PLANS

LICENSED ARCHITECT
JAMES E. MUENZER
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7 ARCHITECTS
Cheyenne, WY 82001
307.632.5349
307.632.5350
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

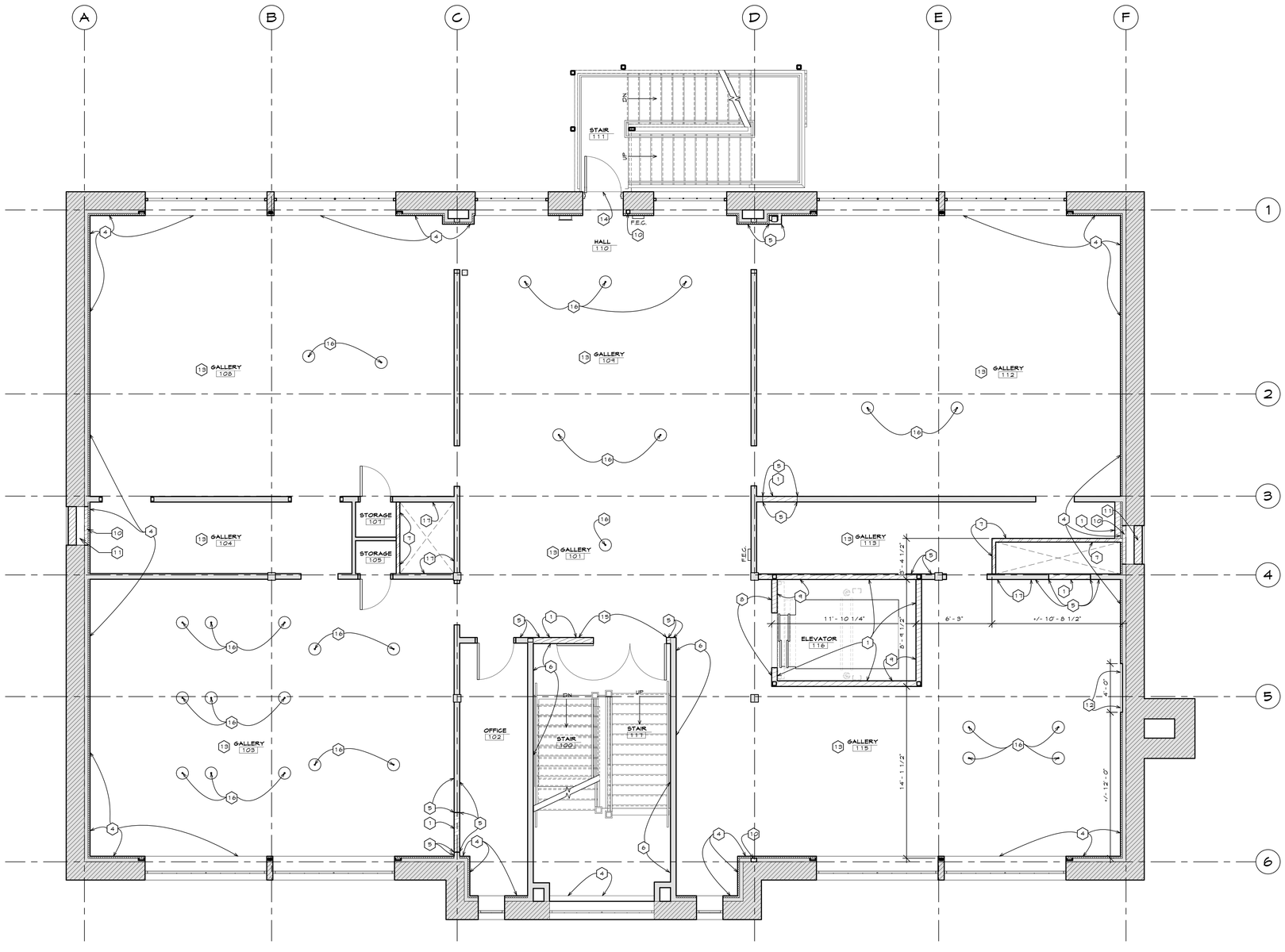
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
BASEMENT DIMENSION PLAN

SHEET NUMBER
3.25



FIRST FLOOR DIMENSION PLAN

SCALE: 1/4" = 1'-0"

N

TRUE NORTH

PLAN NORTH

GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. ALL DIMENSIONS ARE TO FACE OF NEW STUDS, FACE OF EXISTING STUDS, OR FACE OF EXISTING STONE UNLESS NOTED OTHERWISE.
3. OWNER PROVIDED EQUIPMENT HAS BEEN SHOWN FOR REFERENCE.
4. SEE THE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. ALL DOOR AND/OR WINDOW SIZES SHOWN ARE NOMINAL. CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES IN FIELD AND COORDINATE WITH DOOR/WINDOW SUPPLIER.
7. SEE THE REFERENCE PLANS FOR ADDITIONAL ITEMS THAT APPEAR ON THESE SHEETS THAT HAVE ENLARGED PLANS WITH DETAILS AND DIMENSIONS ELSEWHERE.
8. SEE THE REFLECTED CEILING PLANS FOR ADDITIONAL SOFFIT AND HEADER FRAMING ITEMS NOT SHOWN ON THESE SHEETS.
9. ALL NEW AND EXISTING INTERIOR WALLS TO BE FULLY INFILLED WITH ACOUSTIC BATT INSULATION, TYP. UNLESS NOTED OTHERWISE.

KEYNOTES

1. WALL SIMILAR TO LEGEND EXCEPT CONSTRUCTED WITH 2 X 6 WOOD STUDS.
2. NOT USED.
3. NOT USED.
4. 2" CONTINUOUS RIGID INSULATION APPIED TO FACE OF EXISTING WOOD STUD FURRING, ENTIRE LENGTH OF ALL EXTERIOR WALLS. SEE LEGEND FOR MORE INFO.
5. ALIGN FRAMING SO FINISHED SURFACES ARE FLUSH, TYP.
6. 1 - HOUR FIRE RATED WALL - (1) LAYER OF 5/8" TYPE - X GYPSUM BOARD APPLIED TO BOTH SIDES OF WALL WITH FULL BATT INSULATION IN WALL CAVITY. SEE PLAN AND LEGED FOR FRAMING TYPE(S).
7. 2 - HOUR FIRE RATED WALL TO MEET UL426 - (1) LAYER OF 1" TYPE X GYPSUM BOARD ON INTERIOR SIDE OF CHASE WALL, 2-1/2" STEEL C-T/C-H STUDS 24" O.C, EXTERIOR OF CHASE TO REGIEVE (2) LAYERS OF 5/8" TYPE X GYPSUM BOARD.
8. ELEVATOR SHAFT ENTRANCE WALL FRAMING SIZE, JAMB CONFIGURATION & CONSTRUCTION VARY BETWEEN MANUFACTURERS - COORDINATE WITH ELEVATOR SUPPLIER. MAINTAIN REQUIRED FIRE RATING.
9. ELEVATOR SHAFT WALL: 2 - HOUR FIRE RATED WALL - 2 X 6 WOOD STUDS AT 16" O.C. FULLY INFILLED WITH SOUND BATT INSULATION, WITH (2) LAYERS OF 5/8" TYPE - X GYPSUM BOARD ON BOTH SIDES OF WALL. SEE STRUCTURAL FOR ADDITIONAL CONSTRUCTION INFORMATION.
10. PROVIDE INFILL FRAMING AS NEEDED WHERE DEMOLITION HAS OCCURED TO PROVIDE BACKING FOR FINISHES. TO MATCH EXISTING AND/OR ADJACENT FURRING, TYP.
11. INFILL DOOR OPENING WITH 8" C.M.U., SEE THE BUILDING ELEVATIONS.
12. PORTION OF EXISTING WOOD FURRING AND STONE WALL TO REMAIN EXPOSED AS AN EXHIBIT ITEM. APPROXIMATE OPENING SIZE TO BE 4' WIDE X 7' TALL MEASURED FROM FINISHED FLOOR. COORDINATE FINAL SIZE AND LOCATION WITH OWNER.
13. ALL FINISH WALL SURFACES (NEW AND EXISTING WALLS) IN THIS ROOM TO RECEIVE FIRE TREATED PLYWOOD IN LIEU OF GYPSUM BOARD (OR ON TOP OF GYSPUM BOARD AT REQUIRED FIRE RATED WALLS). SEE THE FINISH PLANS FOR MORE INFORMATION. MAINTAIN FIRE RATED CONSTRUCTION AT ALL RATED WALLS AND/OR SHAFTS, TYP.
14. CENTER FIRE ESCAPE LANDINGS ON EXISTING DOOR OPENINGS, TYP. SEE SHEET 8.20 FOR FIRE ESCAPE DETAILS.
15. ALIGN WALL WITH FIRE RATED WALL ON ADJACENT FLOORS ABOVE AND BELOW.
16. APPROXIMATE LOCATION OF IN-FLOOR ELECTRICAL OUTLET, FIELD VERIFY LOCATIONS, CONFIRM FINAL LOCATIONS WITH OWNER. SEE THE ELECTRICAL DRAWINGS.
17. EXISTING BEARING WALL TO MEET 2 - HOUR FIRE RATING OF UL301 - (2) LAYERS OF 5/8" TYPE X GYPSUM BOARD APPLIED TO BOTH SIDES OF EXISTING WOOD STUD WITH FULL BATT INSULATION IN WALL CABITY. SEE CODE PLAN.

LEGEND

EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE. SEE THE KEYONTES, GENERAL NOTES, AND OTHER SHEETS IN THIS SET FOR ADDITIONAL INFORMATION

NEW CONCRETE - SEE THE STRUCTURAL DRAWINGS FOR THICKNESS AND CONSTRUCTION

WOOD STUD WALLS - ALL NEW INTERIOR WOOD STUD PARTITION WALLS TO BE CONSTRUCTED AS FOLLOWS UNLESS NOTED OTHERWISE: 2" X 4" STUDS AT 16" O.C. WITH FULL ACOUSTIC BATT INSULATION AND 5/8" GYPSUM BOARD ON EACH SIDE. EXTEND BOTH LAYERS OF GYPSUM BOARD UP TO BOTTOM OF EXISTING FLOOR AND/OR STRUCTURE ABOVE. PROVIDE ACOUSTIC SEALANT AROUND WALL PERIMETER AND AT ANY PENETRATIONS THROUGH WALL TO PREVENT SOUND TRANSFER. SEE DETAIL 1/D.20 FOR TYPICAL DEFLECTION HEAD AT TOP OF WALL. SEE STRUCTURAL FOR CONSTRUCTION AT BEARING WALL LOCATIONS. SEE KEYONTES FOR FIRE RATED WALLS.

2" OF CONTINUOUS RIGID INSULATION APPLIED TO FACE OF EXISTING 2 X 4 WOOD FURRING - POLYISOCYANURATE BOARD, R - VALUE OF 10 MINIMUM

LICENSED ARCHITECT
JAMES E. MILLER
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7 ARCHITECTS
307.283.0101
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

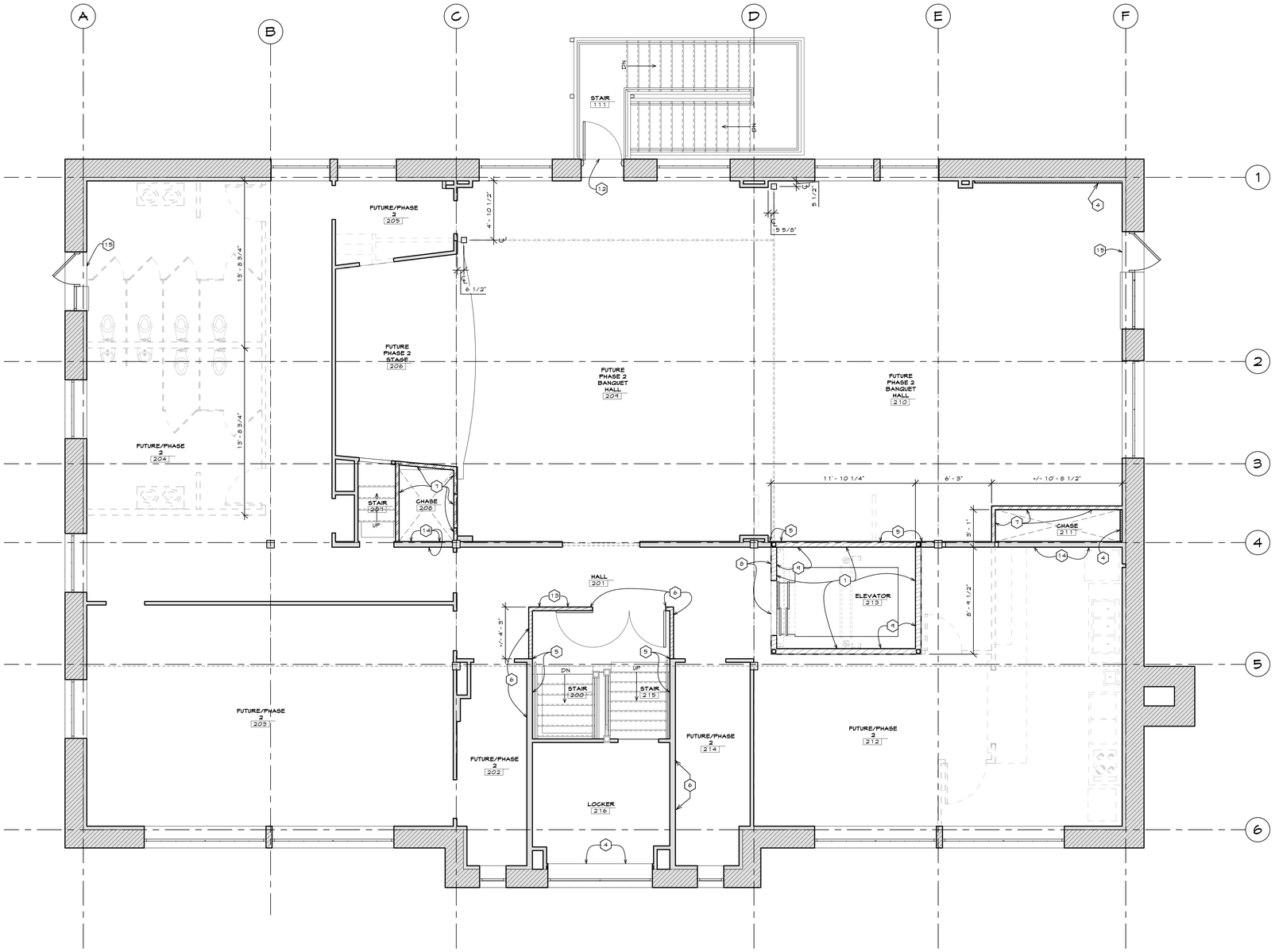
DATE
11-20-2017

DRAWN BY
KFOX

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

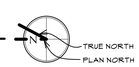
SHEET TITLE
FIRST FLOOR DIMENSION PLAN

SHEET NUMBER
3.30



SECOND FLOOR DIMENSION PLAN
PHASE 1

SCALE: 1/4" = 1'-0"



GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. ALL DIMENSIONS ARE TO FACE OF NEW STUDS, FACE OF EXISTING STUDS, OR FACE OF EXISTING STONE UNLESS NOTED OTHERWISE.
3. OWNER PROVIDED EQUIPMENT HAS BEEN SHOWN FOR REFERENCE.
4. SEE THE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. ALL DOOR AND/OR WINDOW SIZES SHOWN ARE NOMINAL. CONTRACTOR TO VERIFY ALL ROUGH OPENING SIZES IN FIELD AND COORDINATE WITH DOOR/WINDOW SUPPLIER.
7. SEE THE REFERENCE PLANS FOR ADDITIONAL ITEMS THAT APPEAR ON THESE SHEETS THAT HAVE ENLARGED PLANS WITH DETAILS AND DIMENSIONS ELSEWHERE.
8. SEE THE REFLECTED CEILING PLANS FOR ADDITIONAL SOFFIT AND HEADER FRAMING ITEMS NOT SHOWN ON THESE SHEETS.
9. ALL NEW AND EXISTING INTERIOR WALLS TO BE FULLY INFILLED WITH ACOUSTIC BATT INSULATION, TYP. UNLESS NOTED OTHERWISE.

KEYNOTES

1. WALL SIMILAR TO LEGEND EXCEPT CONSTRUCTED WITH 2X6 WOOD STUDS.
2. NOT USED.
3. NOT USED.
4. 2" CONTINUOUS RIGID INSULATION APPIED TO FACE OF EXISTING WOOD STUD FURRING, ENTIRE LENGTH OF ALL EXTERIOR WALLS. SEE LEGEND FOR MORE INFO.
5. ALIGN FRAMING SO FINISHED SURFACES ARE FLUSH, TYP.
6. 1 - HOUR FIRE RATED WALL - (1) LAYER OF 5/8" TYPE - X GYPSUM BOARD APPLIED TO BOTH SIDES OF WALL WITH FULL BATT INSULATION IN WALL CAVITY. SEE PLAN AND LEGED FOR FRAMING TYPE(S).
7. 2 - HOUR FIRE RATED WALL TO MEET UL425 - (1) LAYER OF 1" TYPE X GYPSUM BOARD ON INTERIOR SIDE OF CHASE WALL, 2-1/2" STEEL C-T/C-H STUDS 24" O.C., EXTERIOR OF CHASE TO RECEIVE (2) LAYERS OF 5/8" TYPE X GYPSUM BOARD.
8. ELEVATOR SHAFT ENTRANCE WALL FRAMING SIZE, JAMB CONFIGURATION & CONSTRUCTION VARY BETWEEN MANUFACTURERS - COORDINATE WITH ELEVATOR SUPPLIER. MAINTAIN REQUIRED FIRE RATING.
9. ELEVATOR SHAFT WALL: 2 - HOUR FIRE RATED WALL - 2 X 6 WOOD STUDS AT 16" O.C. FULLY INFILLED WITH SOUND BATT INSULATION, WITH (2) LAYERS OF 5/8" TYPE - X GYPSUM BOARD ON BOTH SIDES OF WALL. SEE STRUCTURAL FOR ADDITIONAL CONSTRUCTION INFORMATION.
10. NOT USED.
11. NOT USED.
12. CENTER FIRE ESCAPE LANDINGS ON EXISTING DOOR OPENINGS, TYP. SEE SHEET 8.20 FOR FIRE ESCAPE DETAILS.
13. ALIGN WALL WITH FIRE RATED WALL ON ADJACENT FLOOR BELOW.
14. EXISTING BEARING WALL TO MEET 2 - HOUR FIRE RATING OF UL301 - (2) LAYERS OF 5/8" TYPE X GYPSUM BOARD APPLIED TO BOTH SIDES OF EXISTING WOOD STUD WITH FULL BATT INSULATION IN WALL CABITY. SEE CODE PLAN.
15. POST SIGN, COPY, "DANGER - NOT AN EXIT - FALL HAZARD".

LEGEND

EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE

NEW CONCRETE - SEE THE STRUCTURAL DRAWINGS FOR THICKNESS AND CONSTRUCTION

NEW WOOD STUD WALLS - ALL NEW INTERIOR WOOD STUD PARTITION WALLS TO BE CONSTRUCTED AS FOLLOWS UNLESS NOTED OTHERWISE: 2" X 4" STUDS AT 16" O.C. WITH FULL ACOUSTIC INSULATION AND 5/8" GYPSUM BOARD ON EACH SIDE. EXTEND BOTH LAYERS OF GYPSUM BOARD UP TO BOTTOM OF EXISTING FLOOR AND/OR STRUCTURE ABOVE. PROVIDE ACOUSTIC SEALANT AROUND WALL PERIMETER AND AT ANY PENETRATIONS THROUGH WALL TO PREVENT SOUND TRANSFER. SEE DETAIL 1/8.20 FOR TYPICAL DEFLECTION HEAD AT TOP OF WALL. SEE STRUCTURAL FOR CONSTRUCTION AT BEARING WALL LOCATIONS. SEE KEYONTES FOR FIRE RATED WALLS.

2" OF CONTINUOUS RIGID INSULATION APPLIED TO FACE OF EXISTING 2 X 4 WOOD FURRING - POLYISOCYANURATE BOARD, R - VALUE OF 10 MINIMUM

LICENSED ARCHITECT
JAKE T. MUNTER
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline №7 ARCHITECTS
Cheyenne, WY 82001
307.632.5116
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE NO. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE NO. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

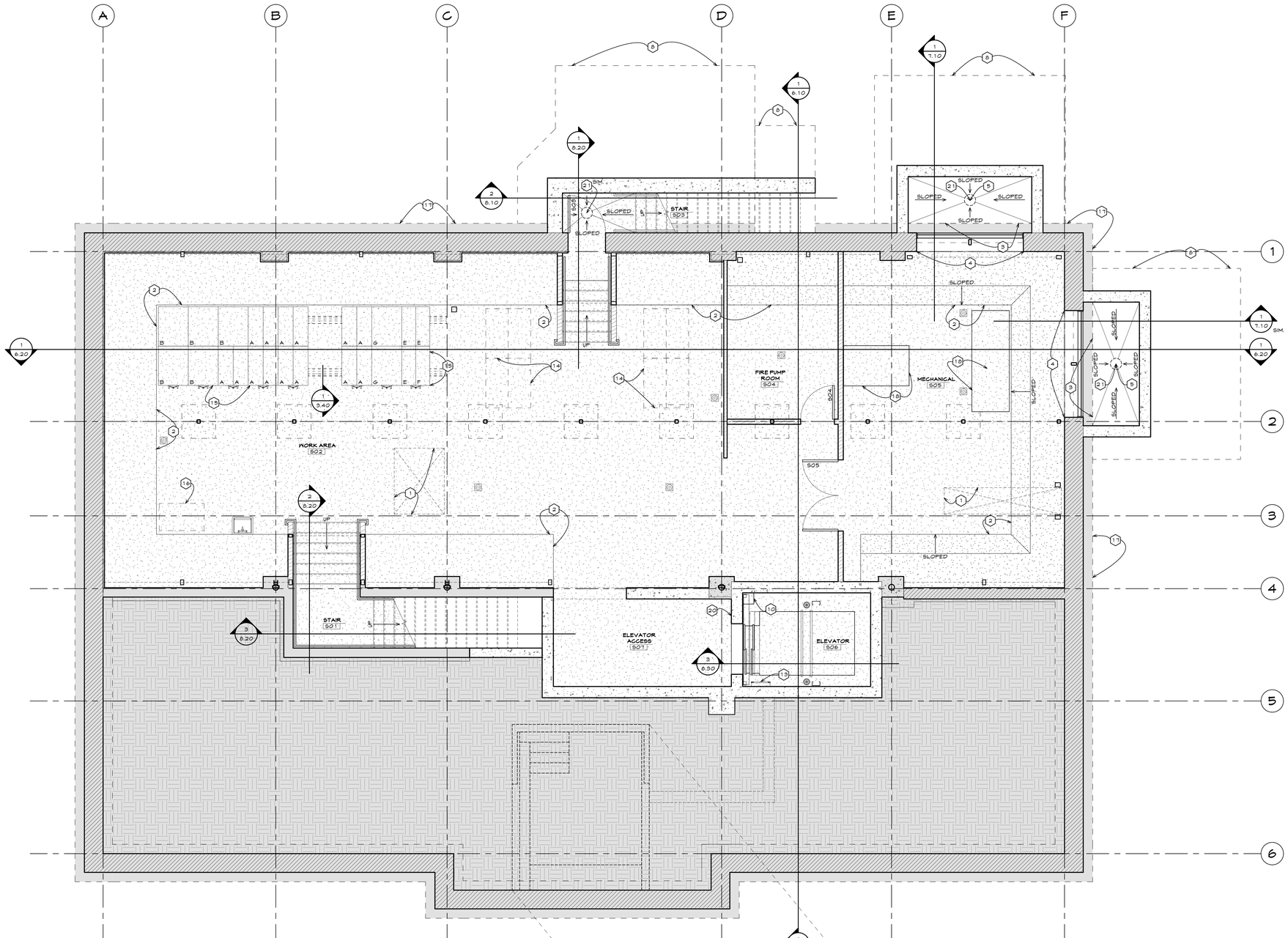
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
SECOND FLOOR DIMENSION PLAN PHASE 1

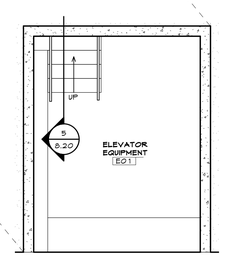
SHEET NUMBER
3.35



SUB-BASEMENT REFERENCE PLAN

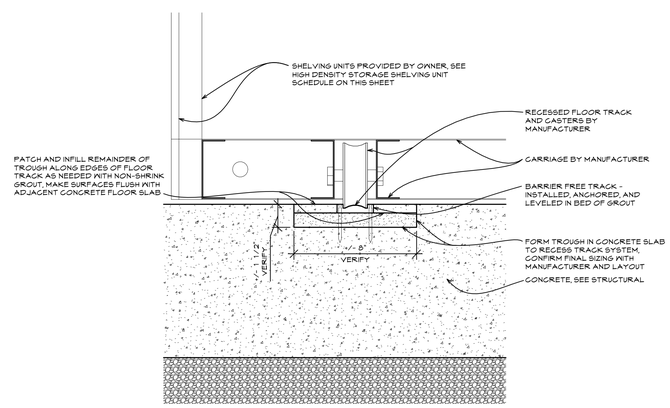
SCALE: 1/4" = 1'-0"

TRUE NORTH
PLAN NORTH



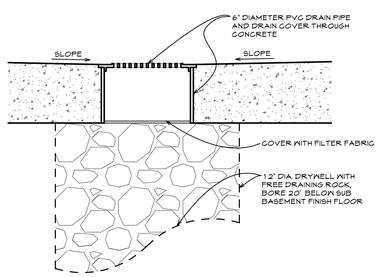
ELEVATOR EQUIPMENT ROOM

SCALE: 1/4" = 1'-0"



① SHELVING TRACK

SCALE: 3" = 1'-0"



② DRYWELL

SCALE: 3" = 1'-0"

GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
3. ALL DOOR AND OR WINDOW SIZES SHOWN ARE NOMINAL. CONTRACTOR TO VERIFY ROUGH OPENING SIZES IN FIELD AND WITH DOOR & WINDOW MANUFACTURER.
4. SEE DOOR AND WINDOW SHEETS FOR INFORMATION ON DOORS AND WINDOWS NUMBERED/LABELLED ON THIS SHEET.

KEYNOTES

1. MECHANICAL SHAFT OPENINGS OVERHEAD. SEE THE REFLECTED CEILING PLANS, MECHANICAL DRAWINGS, AND STRUCTURAL DRAWINGS.
2. STRUCTURAL FOOTING REINFORCEMENTS. SEE THE STRUCTURAL DRAWINGS.
3. PROVIDE EXPANSION JOINT BETWEEN AREA WELL SLAB AND EXISTING FOOTING. SEE STRUCTURAL DRAWINGS.
4. MECHANICAL LOUVER OPENING IN EXISTNG STONE FOUNDATION WALL. SEE THE MECHANICAL DRAWINGS.
5. DRY WELL DRAINAGE AT BOTTOM OF AREA WELL OR STAIR WELL, SEE DETAIL 2/3.40 AND THE STRUCTURAL DRAWINGS.
6. NOT USED.
7. NOT USED.
8. FOOTING, SEE THE STRUCTURAL DRAWINGS.
9. NOT USED.
10. SUMP PIT AT BOTTOM OF ELEVATOR SHAFT - COORDINATE FINAL SIZE AND LOCATION WITH ELEVATOR MANUFACTURER.
11. NOT USED.
12. NOT USED.
13. PIT ACCESS LADDER - SEE 2/8.30.
14. SHELVING UNITS PROVIDED BY OWNER, SHOWN FOR REFERENCE ONLY.
15. HIGH DENSITY STORAGE UNITS PROVIDED BY OWNER, INSTALLED BY CONTRACTOR. SEE SCHEDULE ON THIS SHEET FOR UNIT QUANTITIES AND SIZES. TRACK, INSTALLATION HARDWARE AND CARRIAGES TO BE PROVIDED BY GENERAL CONTRACTOR, SEE DETAIL 1/3.40. COORDINATE FINAL LAYOUT WITH MANUFACTURER AND OWNER.
16. DECONTAMINATION UNIT BY OWNER, SHOWN FOR REFERENCE ONLY.
17. APPROXIMATE EXTENT OF EXISTING FOOTING - VERIFY IN FIELD.
18. CONCRETE HOUSEKEEPING PAD FOR MECHANICAL UNIT(S), SEE THE MECHANICAL DRAWINGS.
19. NOT USED.
20. LOCATE ELEVATOR FLOOR LEVEL SIGNAGE IN THIS LOCATION. SEE SIGNAGE LEGEND ON SHEET 9.30.
21. SEE SITE PLAN AND 2/3.40 FOR DRYWELL.

LEGEND

- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE
- CONCRETE - SEE THE STRUCTURAL DRAWINGS
- NEW WOOD STUD WALLS - SEE THE DIMENSION PLAN FOR TYPICAL CONSTRUCTION.
- EARTH/UNEXCAVATED AREAS

HIGH DENSITY STORAGE SHEVLING UNIT SCHEDULE

UNIT	DIMENSIONS	EMPTY WEIGHT	QUANTITY
TYPE A	42" W X 16" D X 76" H	+/-120 LBS/EA.	14
TYPE B	42" W X 92" D X 76" H	+/-374 LBS/EA.	5
TYPE E	42" W X 15" D X 76" H	+/-205 LBS/EA.	3
TYPE F	42" W X 15" D X 76" H	+/-185 LBS/EA.	1
TYPE G	42" W X 92" D X 76" H	+/-240 LBS/EA.	2

LICENSED ARCHITECT
JOSE E. MUENTES
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline №7 ARCHITECTS
1430 Sheridan Avenue
Cody, WY 82414
307.587.5150
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

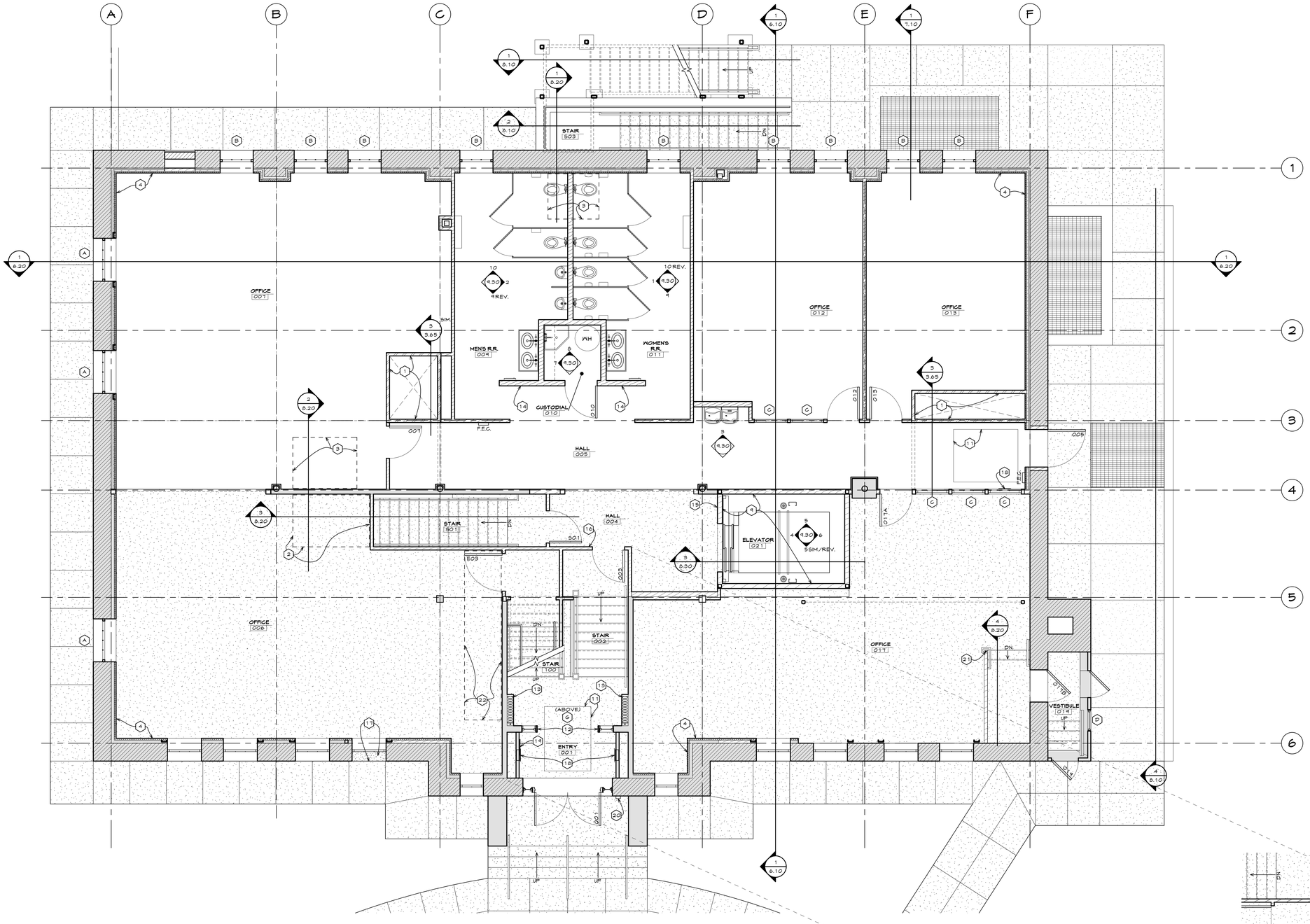
DATE
11-20-2017

DRAWN BY
KFOX

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
SUB BASEMENT AND ELEVATOR EQUIPMENT ROOM REFERENCE PLAN

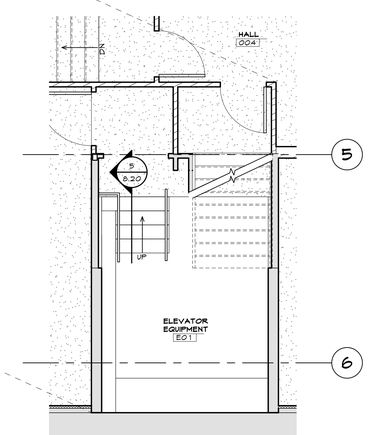
SHEET NUMBER
3.40



BASEMENT REFERENCE PLAN

SCALE: 1/4" = 1'-0"

TRUE NORTH
PLAN NORTH



ELEVATOR EQUIPMENT ROOM REFERENCE PLAN

SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
3. ALL DOOR AND OR WINDOW SIZES SHOWN ARE NOMINAL. CONTRACTOR TO VERIFY ROUGH OPENING SIZES IN FIELD AND WITH DOOR & WINDOW MANUFACTURER.
4. SEE DOOR AND WINDOW SHEETS FOR INFORMATION ON DOORS AND WINDOWS NUMBERED/LABELLED ON THIS SHEET.

KEYNOTES

1. MECHANICAL SHAFT OPENINGS. SEE THE DIMENSION PLANS, REFLECTED CEILING PLANS & DETAILS, MECHANICAL DRAWINGS, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. PROVIDE INFILL FLOORING WHERE EXISTING SLAB WAS DEMO'D FOR STAIR CONSTRUCTION. SEE THE STRUTURAL DRAWINGS FOR DETAILS AND THE FINISH PLANS.
3. PROVIDE INFILL FLOORING WHERE EXISTING FLOOR WAS DEMO'D FOR STAIR CONSTRUCTION. SEE THE STRUCTURAL DRAWINGS FOR DETAILS AND THE FINISH PLANS.
4. RIGID INSULATION APPLIED TO FACE OF EXISTING WOOD STUD FURRING OR PLASTER - ENTIRE LENGTH OF EXTERIOR WALL, TYP. SEE THE DIMENSION PLAN FOR ADDITIONAL INFORMATION.
5. NOT USED.
6. NOT USED.
7. NOT USED.
8. NOT USED.
9. ELEVATOR SHAFT, SEE STRUCTURAL FOR CONSTRUCTION. SEE THE DIMENSION PLAN AND SHEET 8.30 FOR ADDITIONAL INFORMATION.
10. NOT USED.
11. WALK OFF MATT AT ENTRY, SEE THE FINISH PLANS FOR ADDITIONAL INFORMATION.
12. PROVIDE WOOD FILLER AND RE-FINISH ENDS OF EXISTING DOOR JAMBS WHERE DOORS HAVE BEEN REMOVED - SEE THE FINISH PLANS.
13. SALVAGE EXISTING RADIATORS FOR RE-USE, COORDINATE NEW LOCATION WITH OWNER.
14. LOCATE RESTROOM SIGNAGE IN THIS LOCATION, COORDINATE ROOM NAMES WITH PLAN. SEE THE SIGNAGE LEGEND ON SHEET 9.30.
15. LOCATE ELEVATOR FLOOR LEVEL SIGNAGE IN THIS LOCATION. SEE THE SIGNAGE LEGEND ON SHEET 9.30.
16. LOCATE DIRECTIONAL STAIR EXIT SIGNAGE IN THIS LOCATION. SEE THE SIGNAGE LEGEND ON SHEET 9.30.
17. CAST-IN-PLACE CONCRETE WINDOW SILL TO MATCH PROFILE OF EXISTING. FIELD VERIFY. SEE 5/11.10 FOR TYPICAL CONSTRUCTION. REMOVE AND REPLACE EXISTING WINDOW AS NECESSARY FOR INSTALLATION.
18. RECESSED CABINET HEATER, SEE THE MECHANICAL DRAWINGS.
19. BUILDING PLAQUE, SEE 10/9.30.
20. INSTALL SURFACE MOUNTED KNOX BOX, CONFIRM LOCATION WITH FIRE DEPARTMENT.
21. PROVIDE STEEL PIPE COLUMN AT WALL END FOR STABILITY, SEE 4/8.20.
22. PROVIDE INFILL FLOORING WHERE EXISTING SLAB WAS DEMO'D FOR UNDERGROUND DUCTWORK. SEE THE MECHANICAL DRAWINGS, STRUCTURAL DRAWINGS, AND THE FINISH PLANS.

LEGEND

- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE
- NEW CONCRETE - SEE THE STRUCTURAL DRAWINGS FOR THICKNESS AND CONSTRUCTION
- NEW FIRE RATED SHAFT WALLS - SEE THE DIMENSION PLAN FOR TYPICAL CONSTRUCTION
- NEW WOOD STUD WALLS - SEE THE DIMENSION PLAN FOR TYPICAL CONSTRUCTION
- 2" OF CONTINUOUS RIGID INSULATION APPLIED TO FACE OF EXISTING 2 X 4 WOOD FURRING - POLYISOCYANURATE BOARD, R - VALUE OF 10 MINIMUM
- 1 1/2" WOOD STUD FURRING APPLIED TO FACE OF EXISTING PLASTER WITH 2" CONTINUOUS RIGID INSULATION FACING - POLYISOCYANURATE BOARD, R - VALUE OF 10 MINIMUM
- NEW STEEL BAR-GRATING- PLAIN STEEL PRESS LOCKED BAR GRATING WITH 1 1/2" DEEP BEARING BARS, 3/16" THICK SPACED 7/16" O.C. CROSS BARS AT 4" O.C. FINISH TO BE POWDER COATED, COLOR TO BE SELECTED
- EARTH/UNEXCAVATED AREAS
- F.E.C. DENOTES FIRE EXTINGUISHER AND CABINET, SEE THE ACCESSORIES LEGEND ON SHEET 9.30

LICENSED ARCHITECT
JAMES E. MILNER
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7 ARCHITECTS
307.283.1111
307.283.1112 fax
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

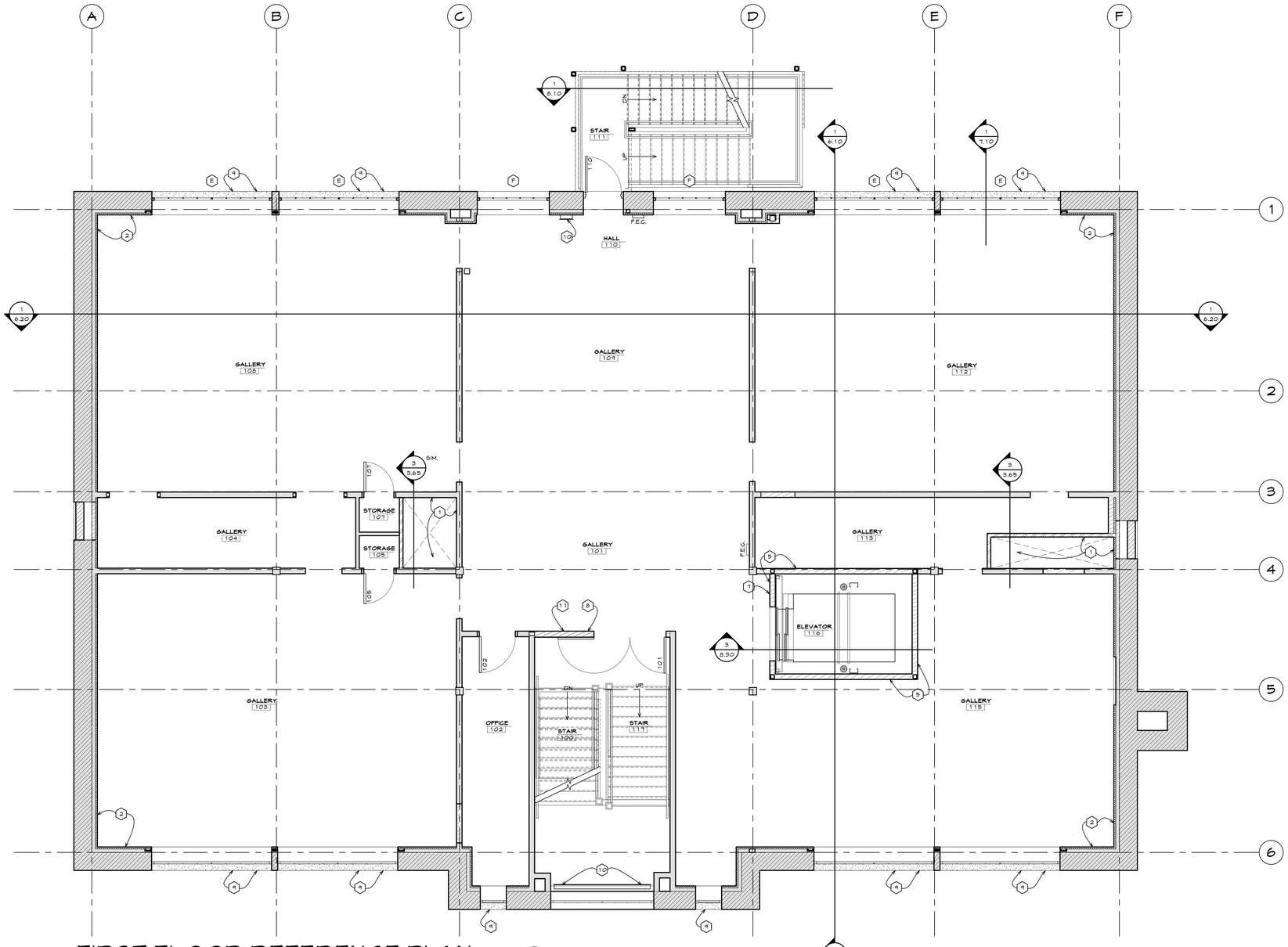
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
BASEMENT REFERENCE PLAN

SHEET NUMBER
3.45



FIRST FLOOR REFERENCE PLAN

SCALE: 1/4" = 1'-0"

TRUE NORTH
PLAN NORTH

GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
3. ALL DOOR AND OR WINDOW SIZES SHOWN ARE NOMINAL. CONTRACTOR TO VERIFY ROUGH OPENING SIZES IN FIELD AND WITH DOOR & WINDOW MANUFACTURER.
4. SEE DOOR AND WINDOW SHEETS FOR INFORMATION ON DOORS AND WINDOWS NUMBERED/LABELLED ON THIS SHEET.

KEYNOTES

1. MECHANICAL SHAFT OPENINGS. SEE THE DIMENSION PLANS, REFLECTED CEILING PLANS & DETAILS, MECHANICAL DRAWINGS, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. RIGID INSULATION APPLIED TO FACE OF EXISTING WOOD STUD FURRING - ENTIRE LENGTH OF EXTERIOR WALL, TYP. SEE THE DIMENSION PLAN FOR ADDITIONAL INFORMATION.
3. NOT USED.
4. NOT USED.
5. ELEVATOR SHAFT, SEE STRUCTURAL FOR CONSTRUCTION. SEE THE DIMENSION PLAN AND SHEET 8.30 FOR ADDITIONAL INFORMATION.
6. NOT USED.
7. LOCATE ELEVATOR FLOOR LEVEL SIGNAGE IN THIS LOCATION. SEE THE SIGNAGE LEGEND ON SHEET 9.30.
8. LOCATE DIRECTIONAL STAIR EXIT SIGNAGE IN THIS LOCATION. SEE THE SIGNAGE LEGEND ON SHEET 9.30.
9. CAST-IN-PLACE CONCRETE WINDOW SILL TO MATCH PROFILE OF EXISTING, FIELD VERIFY. SEE 8/11.10 FOR TYPICAL CONSTRUCTION. REMOVE AND REPLACE EXISTING WINDOW AS NECESSARY FOR INSTALLATION.
10. CABINET HEATER, SEE THE MECHANICAL DRAWINGS.
11. LOCATE OCCUPANCY LOAD SIGN IN THIS LOCATION, SEE THE SIGNAGE LEGEND ON SHEET 9.30.

LEGEND

- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE
- NEW FIRE RATED SHAFT WALLS - SEE THE DIMENSION PLAN FOR TYPICAL CONSTRUCTION
- NEW WOOD STUD WALLS - SEE THE DIMENSION PLAN FOR TYPICAL CONSTRUCTION
- 2" OF CONTINUOUS RIGID INSULATION APPLIED TO FACE OF EXISTING 2 X 4 WOOD FURRING - POLYISOCYANURATE BOARD, R - VALUE OF 1.0 MINIMUM
- F.E.C. — DENOTES FIRE EXTINGUISHER AND CABINET, SEE THE ACCESSORIES LEGEND ON SHEET 9.30

LICENSED ARCHITECT
JAKE T. MUENTER
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No 7 ARCHITECTS
Sundance Wyoming 82729
307.283.1111
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

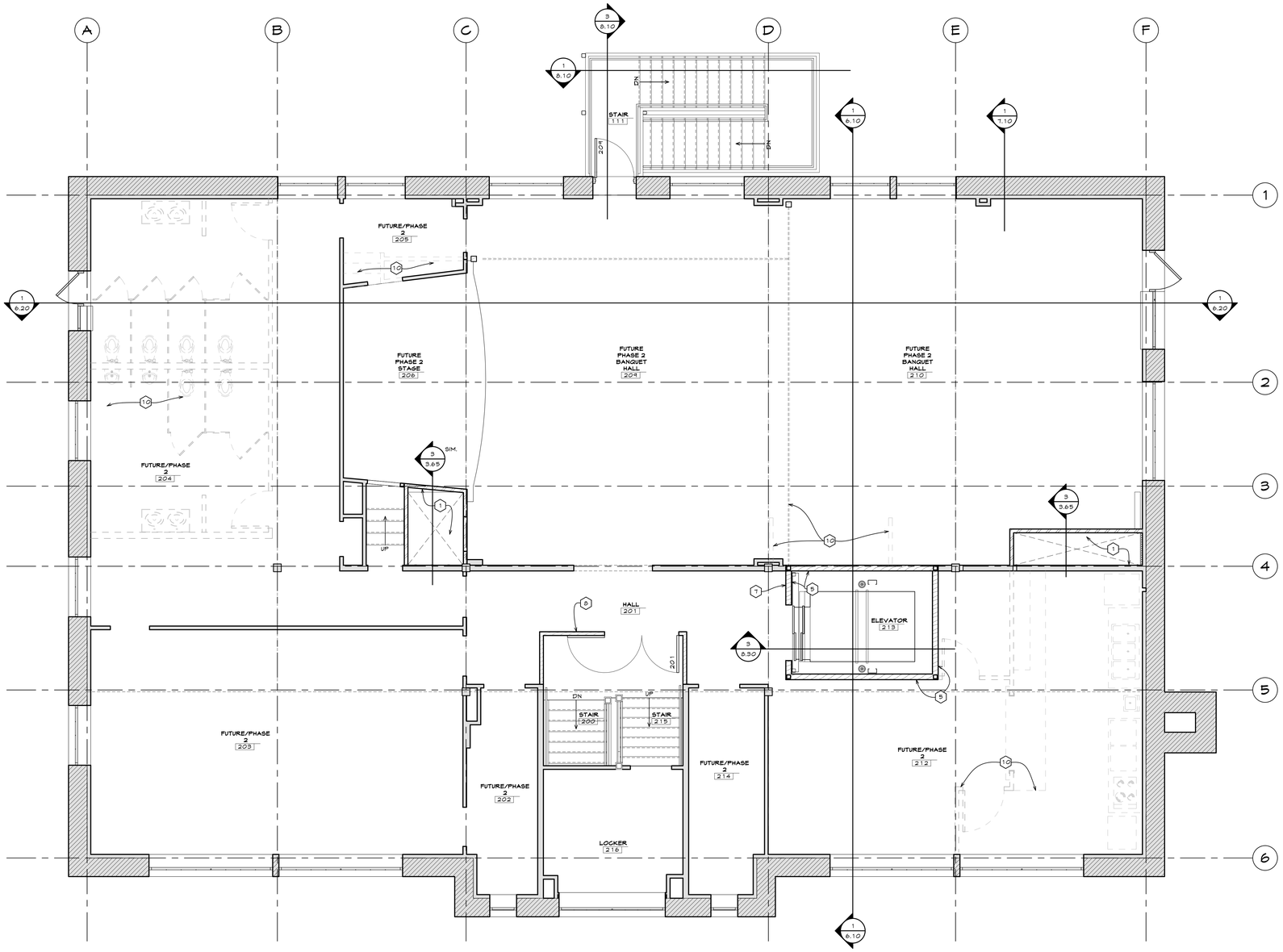
DATE
11-20-2017

DRAWN BY
KFOX

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
FIRST FLOOR REFERENCE PLAN

SHEET NUMBER
3.50



SECOND FLOOR REFERENCE PLAN
PHASE 1

SCALE: 1/4" = 1'-0"

TRUE NORTH
PLAN NORTH

GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
3. ALL DOOR AND OR WINDOW SIZES SHOWN ARE NOMINAL. CONTRACTOR TO VERIFY ROUGH OPENING SIZES IN FIELD AND WITH DOOR & WINDOW MANUFACTURER.
4. SEE DOOR AND WINDOW SHEETS FOR INFORMATION ON DOORS AND WINDOWS NUMBERED/LABELLED ON THIS SHEET.

KEYNOTES

1. MECHANICAL SHAFT OPENINGS. SEE THE DIMENSION PLANS, REFLECTED CEILING PLANS & DETAILS, MECHANICAL DRAWINGS, AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. NOT USED.
3. NOT USED.
4. NOT USED.
5. ELEVATOR SHAFT, SEE STRUCTURAL FOR CONSTRUCTION. SEE THE DIMENSION PLAN AND SHEET 8.30 FOR ADDITIONAL INFORMATION.
6. NOT USED.
7. LOCATE ELEVATOR FLOOR LEVEL SIGNAGE IN THIS LOCATION. SEE THE SIGN LEGEND ON SHEET 9.30.
8. LOCATE DIRECTIONAL STAIR EXIT SIGNAGE IN THIS LOCATION. SEE THE SIGN LEGEND ON SHEET 9.30.
9. NOT USED.
10. FUTURE ITEMS SHOWN DASHED FOR REFERENCE ONLY, TO BE COMPLETED DURING PHASE 2.

LEGEND

- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE. SEE THE KEYGNTES, GENERAL NOTES, AND OTHER SHEETS IN THIS SET FOR ADDITIONAL INFORMATION
- NEW STEEL STUD WALLS - SEE THE DIMENSION PLAN FOR TYPICAL CONSTRUCTION
- NEW WOOD STUD WALLS - SEE THE DIMENSION PLAN FOR TYPICAL CONSTRUCTION
- 2" OF CONTINUOUS RIGID INSULATION APPLIED TO FACE OF EXISTING 2 X 4 WOOD FURRING - POLYISOCYANURATE BOARD, R - VALUE OF 10 MINIMUM

LICENSED ARCHITECT
JAMES E. MILNER
E-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline №7 ARCHITECTS
Cheyenne, WY 82001
www.stateline7.com
307.635.5111 Office
307.635.5115 Fax

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

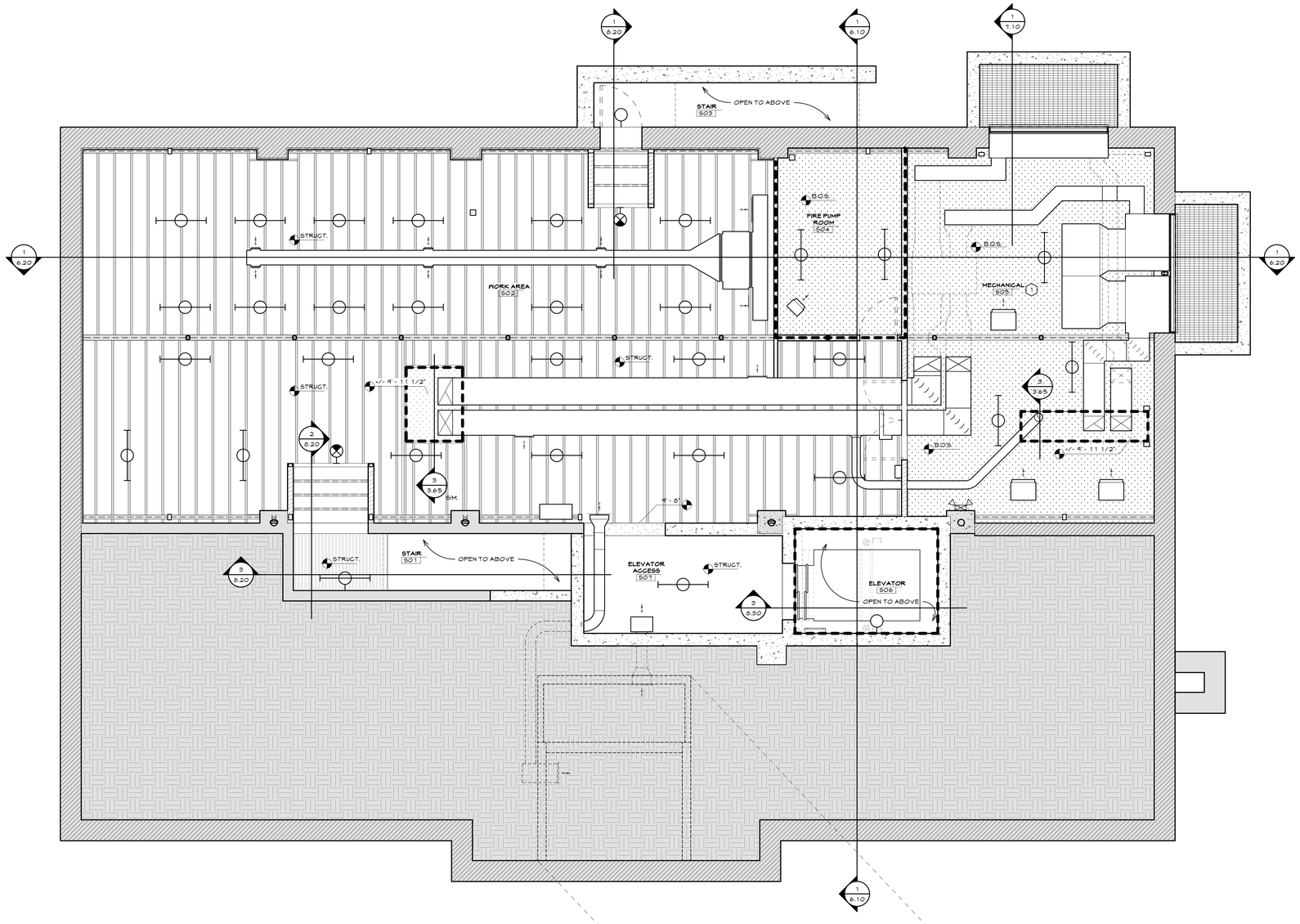
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

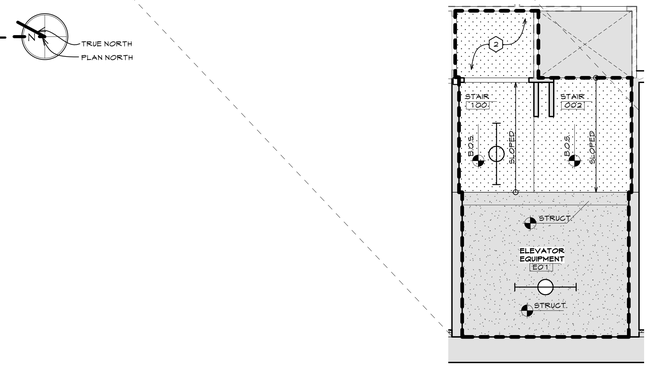
SHEET TITLE
SECOND FLOOR REFERENCE PLAN - PHASE 1

SHEET NUMBER
3.55



SUB-BASEMENT REFLECTED CEILING PLAN

SCALE: 1/4" = 1'-0"



ELEVATOR EQUIPMENT ROOM

SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
3. ALL EXPOSED STRUCTURAL STEEL TO BE LEFT PRIMED, UNFINISHED.
4. ALL EXPOSED DUCKTWORK TO BE LEFT UNFINISHED.
5. PROVIDE FLUSH METAL (FIRE RATED WHERE REQUIRED) CEILING AND WALL ACCESS DOORS OF SIZE NECESSARY TO ACCESS MECHANICAL AND ELECTRICAL ITEMS REQUIRING ACCESS - SEE THE SPECIFICATIONS. COORDINATE WITH THE MECHANICAL AND ELECTRICAL REQUIREMENTS AND VERIFY QUANTITIES, SIZES, AND LOCATIONS. (ACCESS DOORS ARE NOT SHOWN ON THIS SHEET).

LEGEND

- 5/8" GYPSUM BOARD CEILING
- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE
- LIGHT FIXTURES, SEE ELECTRICAL SHEETS
- SUPPLY GRILLE, SEE MECHANICAL DRAWINGS
- EXHAUST GRILLE, SEE MECHANICAL DRAWINGS
- RETURN GRILLE, SEE MECHANICAL DRAWINGS
- STRUCT. — OPEN TO STRUCTURE ABOVE
- 8'-0" — CEILING TO BE INSTALLED AT HEIGHT INDICATED ABOVE THE FINISH FLOOR SURFACE IMMEDIATELY BELOW
- B.O.S. — CEILING TO BE INSTALLED DIRECTLY TO BOTTOM OF STRUCTURE ABOVE
- UNIT HEATER, SEE MECHANICAL DRAWINGS
- INDICATES LINE OF FIRE RATING, SEE THE FLOOR PLANS

KEYNOTES

1. PROVIDE FULL BATT THERMAL INSUALATION IN ABOVE CEILING JOIST SPACE, ENTIRE ROOM.
2. SEE BASEMENT REFLECTED CEILING PLAN ON SHEET 3.65 FOR CEILING OVER THIS AREA.

LICENSED ARCHITECT
JAMES T. MILNER
C-1934
STATE OF WYOMING
DATE 11-20-17

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7
ARCHITECTS
PO Box 1011 Cheyenne WY 82003
307.632.7131 Cheyenne
307.283.3102 Sundance
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE NO. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE NO. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

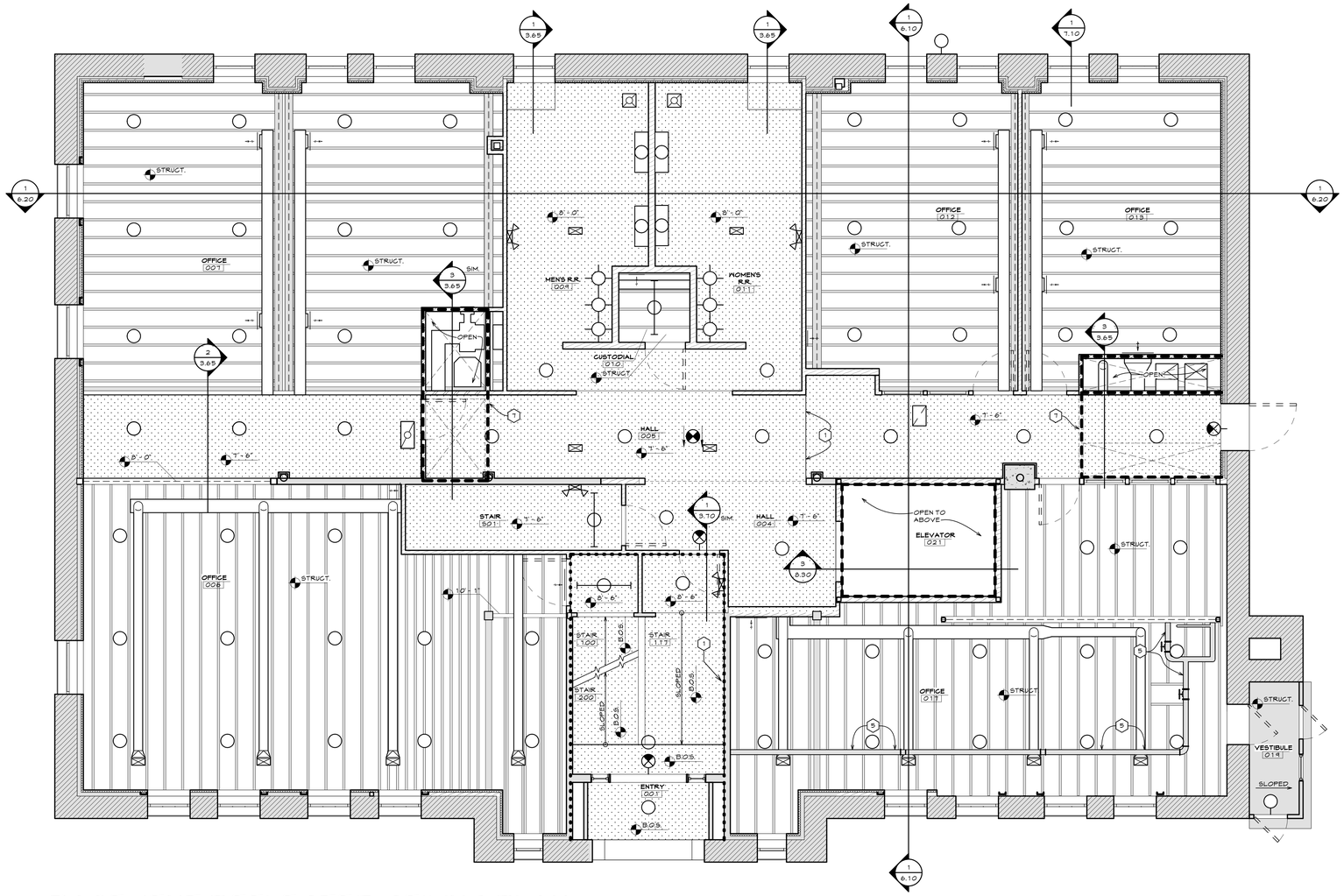
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
SUB-BASEMENT AND ELEVATOR EQUIPMENT ROOM REFLECTED CEILING PLANS

SHEET NUMBER
3.60



BASEMENT REFLECTED CEILING PLAN - PHASE 1

SCALE: 1/4" = 1'-0"

TRUE NORTH
PLAN NORTH

GENERAL NOTES

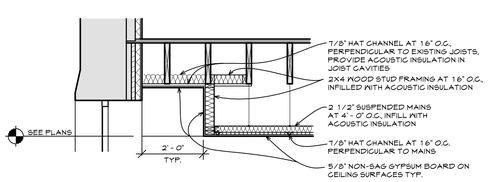
1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
3. ALL EXPOSED STRUCTURAL STEEL TO BE LEFT PRIMED, UNFINISHED.
4. ALL EXPOSED DUCTWORK TO BE LEFT UNFINISHED.
5. ALL DIMENSIONS ARE TO THE FACE OF FOUNDATION, MASONRY, OR STUDS UNLESS NOTED OTHERWISE.
6. PROVIDE FLUSH METAL (FIRE RATED WHERE REQUIRED) CEILING AND WALL ACCESS DOORS OF SIZE NECESSARY TO ACCESS MECHANICAL AND ELECTRICAL ITEMS REQUIRING ACCESS - SEE THE SPECIFICATIONS. COORDINATE WITH THE MECHANICAL AND ELECTRICAL REQUIREMENTS AND VERIFY QUANTITIES, SIZES, AND LOCATIONS. (ACCESS DOORS ARE NOT SHOWN ON THIS SHEET).

LEGEND

- 5/8" GYPSUM BOARD CEILING
- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE
- LIGHT FIXTURES, SEE ELECTRICAL SHEETS
- SUPPLY GRILLE, SEE MECHANICAL DRAWINGS
- EXHAUST GRILLE, SEE MECHANICAL DRAWINGS
- RETURN GRILLE, SEE MECHANICAL DRAWINGS
- STRUCT. — OPEN TO STRUCTURE ABOVE
- 8'-0" — CEILING TO BE INSTALLED AT HEIGHT INDICATED ABOVE THE FINISH FLOOR SURFACE IMMEDIATELY BELOW
- B.O.S. — CEILING TO BE INSTALLED DIRECTLY TO BOTTOM OF STRUCTURE ABOVE
- INDICATES LINE OF FIRE RATING, SEE THE FLOOR PLAN

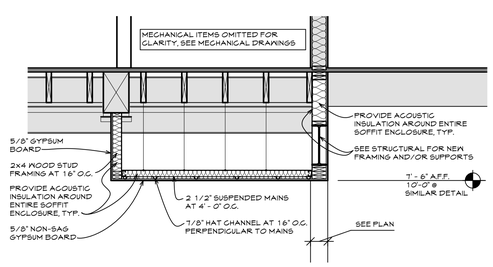
KEYNOTES

1. LOCATION OF "V" - SHAPED GYPSUM EXPANSION JOINT.
2. NOT USED.
3. NOT USED.
4. NOT USED.
5. EXISTING BOILER PIPING TO REMAIN OVER THIS AREA - COORDINATE WITH NEW CONSTRUCTION ITEMS AND CONFIRM EXTENT WITH OWNER.
6. NOT USED.
7. ALIGN GYPSUM SURFACES AT SHAFT WALL, SEE DETAIL 3 THIS SHEET.



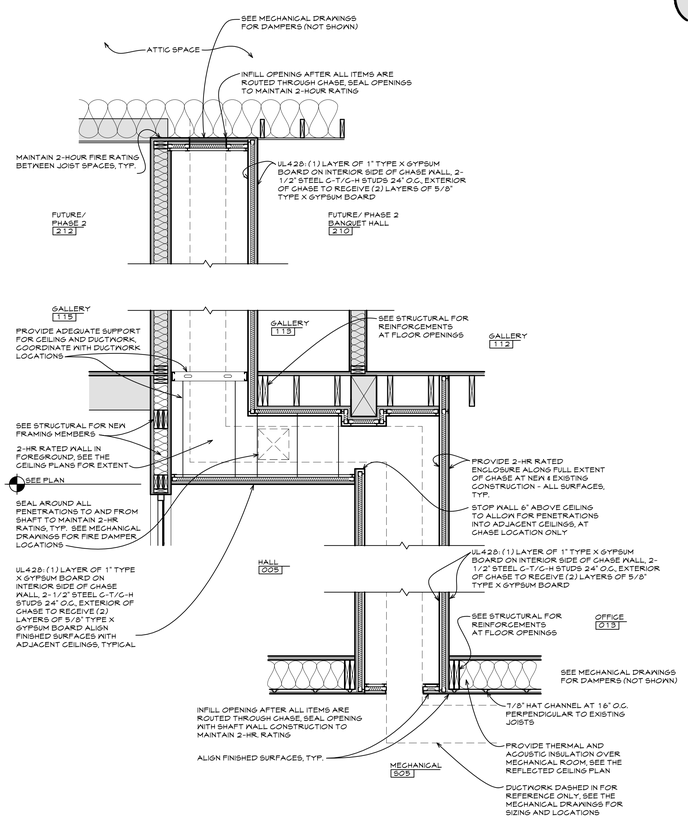
1 WINDOW WELL

SCALE: 1/2" = 1'-0"



2 SOFFIT DETAIL

SCALE: 1/2" = 1'-0"



3 MECHANICAL CHASE

SCALE: 1/2" = 1'-0"

LICENSED ARCHITECT — JAMES E. MILLER — C-1934 — STATE OF WYOMING — DATE 11-20-17

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7 ARCHITECTS
Cheyenne, WY 82001 307.632.5116
Sundance, WY 82329 307.283.1177
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

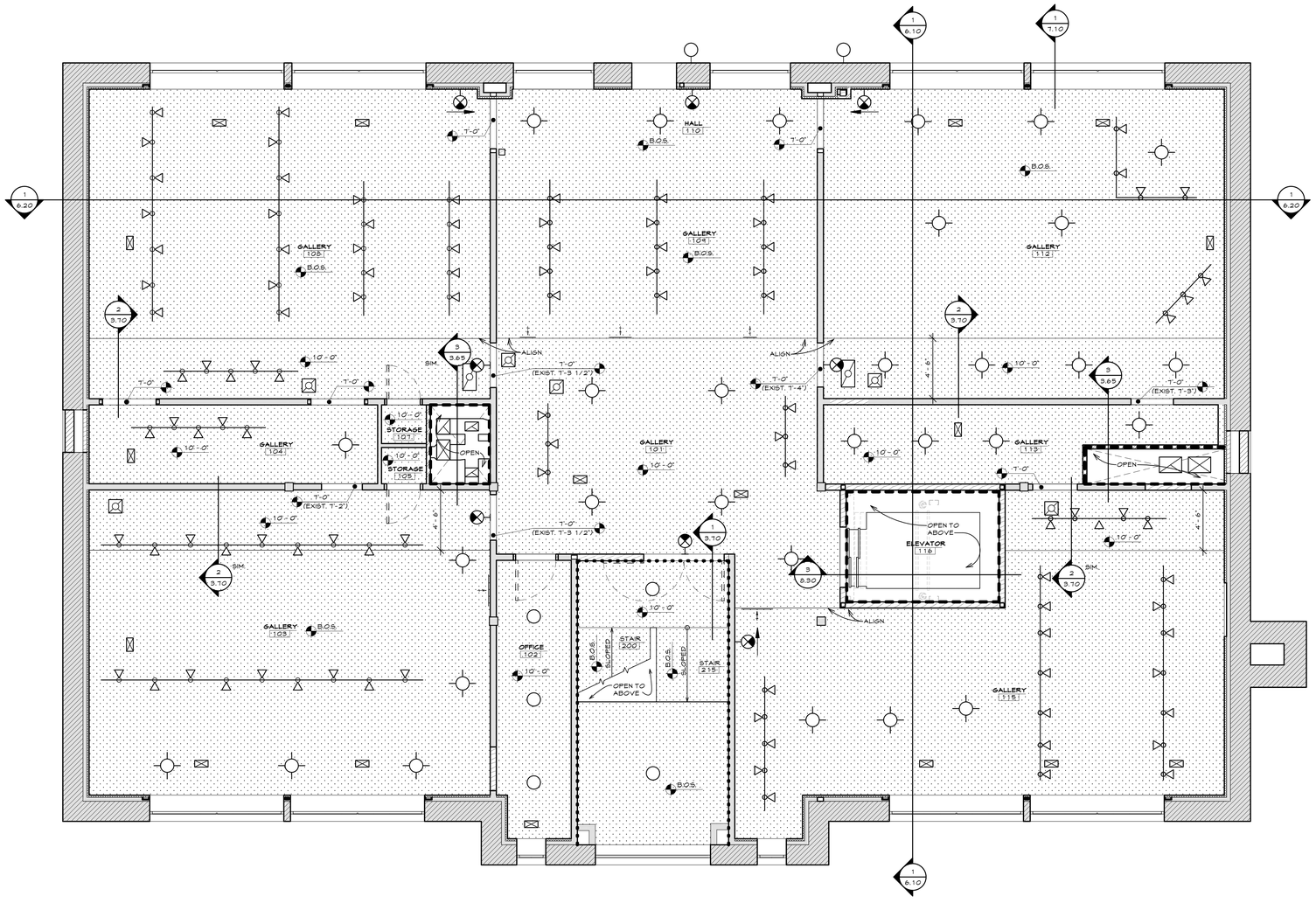
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

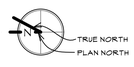
SHEET TITLE
BASEMENT REFLECTED CEILING PLAN

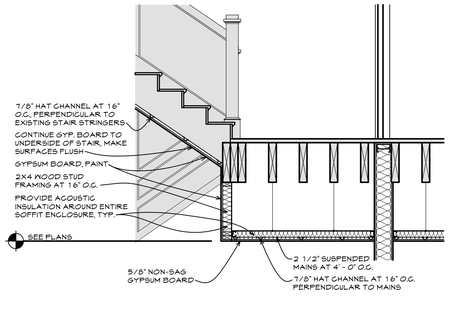
SHEET NUMBER
3.65



FIRST FLOOR REFLECTED CEILING PLAN

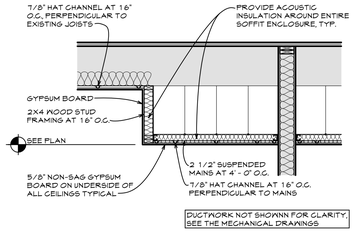
SCALE: 1/4" = 1'-0"





1 SOFFIT DETAIL

SCALE: 1/2" = 1'-0"



2 SOFFIT DETAIL

SCALE: 1/2" = 1'-0"

GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
3. ALL DIMENSIONS ARE TO THE FACE OF FOUNDATION, MASONRY, OR STUDS UNLESS NOTED OTHERWISE.
4. PROVIDE FLUSH METAL (FIRE RATED WHERE REQUIRED) CEILING AND WALL ACCESS DOORS OF SIZE NECESSARY TO ACCESS MECHANICAL AND ELECTRICAL ITEMS REQUIRING ACCESS - SEE THE SPECIFICATIONS. COORDINATE WITH THE MECHANICAL AND ELECTRICAL REQUIREMENTS AND VERIFY QUANTITIES, SIZE AND LOCATIONS (ACCESS DOORS ARE NOT SHOWN ON THIS SHEET).

LEGEND

- 5/8" GYPSUM BOARD CEILING
- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE
- LIGHT FIXTURES, SEE ELECTRICAL SHEETS
- SUPPLY GRILLE, SEE MECHANICAL DRAWINGS
- EXHAUST GRILLE, SEE MECHANICAL DRAWINGS
- RETURN GRILLE, SEE MECHANICAL DRAWINGS
- STRUCT. — OPEN TO STRUCTURE ABOVE
- 8'-0" — CEILING TO BE INSTALLED AT HEIGHT INDICATED ABOVE THE FINISH FLOOR SURFACE IMMEDIATELY BELOW
- B.O.S. — CEILING TO BE INSTALLED DIRECTLY TO BOTTOM OF STRUCTURE ABOVE
- UNITH HEATER, SEE MECHANICAL DRAWINGS
- INDICATES LINE OF FIRE RATING, SEE THE FLOOR PLAN

LICENSED ARCHITECT — JAMES T. MILNER — C-1934 — DATE 11-20-17 — STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7 ARCHITECTS
P.O. Box 2901 Cheyenne, WY 82003
307.632.1511 www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

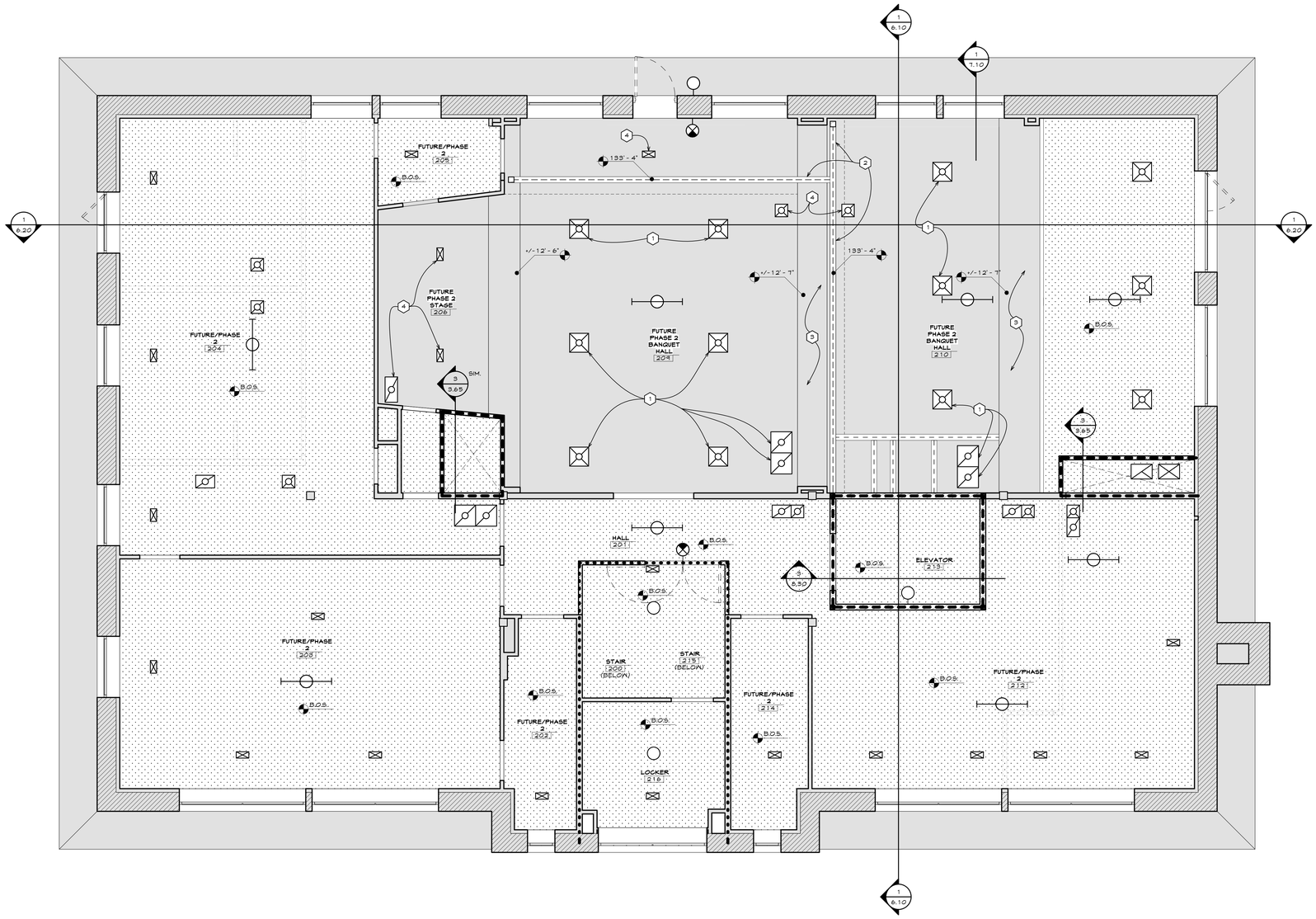
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
FIRST FLOOR REFLECTED CEILING PLAN

SHEET NUMBER
3.70



SECOND FLOOR REFLECTED CEILING PLAN - PHASE 1

SCALE: 1/4" = 1'-0"

TRUE NORTH
PLAN NORTH

GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
3. ALL EXPOSED STRUCTURAL STEEL TO BE LEFT PRIMED, UNFINISHED.
4. SEE THE MECHANICAL DRAWINGS FOR HVAC ITEMS ON THIS SHEET ASSOCIATED WITH ALTERNATE #1.
5. PROVIDE FLUSH METAL (FIRE RATED WHERE REQUIRED) CEILING AND WALL ACCESS DOORS OF SIZE NECESSARY TO ACCESS MECHANICAL AND ELECTRICAL ITEMS REQUIRING ACCESS - SEE THE SPECIFICATIONS, COORDINATE WITH THE MECHANICAL AND ELECTRICAL REQUIREMENTS AND VERIFY QUANTITIES, SIZE AND LOCATIONS (ACCESS DOORS ARE NOT SHOWN ON THIS SHEET).

LEGEND

- 5/8" GYPSUM BOARD CEILING (TAPE FINISH ONLY)
- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE
- LIGHT FIXTURES, SEE ELECTRICAL SHEETS
- SUPPLY GRILLE, SEE MECHANICAL DRAWINGS
- EXHAUST GRILLE, SEE MECHANICAL DRAWINGS
- RETURN GRILLE, SEE MECHANICAL DRAWINGS
- STRUCT. — OPEN TO STRUCTURE ABOVE
- 8'-0" — CEILING TO BE INSTALLED AT HEIGHT INDICATED ABOVE THE FINISH FLOOR SURFACE IMMEDIATELY BELOW
- B.O.S. — CEILING TO BE INSTALLED DIRECTLY TO BOTTOM OF STRUCTURE ABOVE
- INDICATES LINE OF FIRE RATING, SEE THE FLOOR PLAN

KEYNOTES

1. IN ALTERNATE #1, COORDINATE HVAC DIFFUSER/GRILLE LAYOUT WITH EXISTING HISTORIC TIN CEILING (NOT SHOWN FOR CLARITY). REMOVE AND SALVAGE TIN CEILING AT DIFFUSER/GRILLE AND RETURN SALVAGED TIN CEILING TO OWNER. BASE BID: NO DIFFUSER/GRILLE.
2. FUTURE/PHASE 2 OPERABLE WALL LOCATION, SHOWN FOR COORDINATION.
3. EXISTING SOFFIT.
4. IN ALTERNATE #1, COORDINATE AND CAREFULLY CUT EXISTING HISTORICAL TIN CEILING TO ACCOMMODATE HVAC DIFFUSER/GRILL. CENTER DIFFUSER/GRILLE ON TIN CEILING PANEL. BASE BID: NO HVAC DIFFUSER/GRILLE.

LICENSED ARCHITECT
JAMES E. MILNER
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7
ARCHITECTS
© Copyright 2001
Stateline No. 7 Inc.
THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE NO. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE NO. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

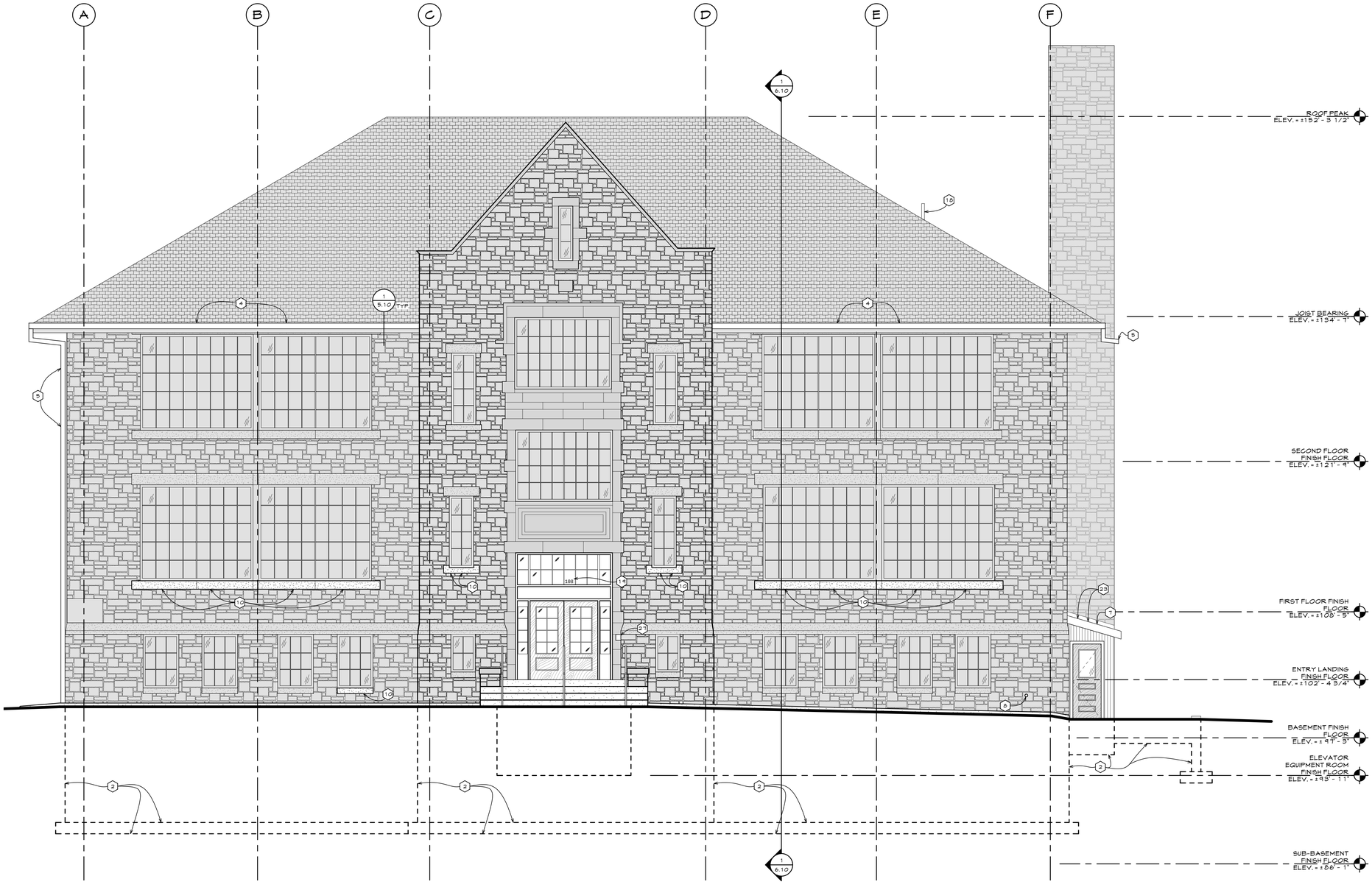
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

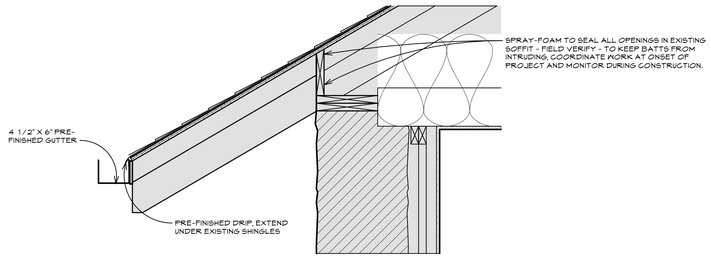
SHEET TITLE
SECOND FLOOR REFLECTED CEILING PLAN - PHASE 1

SHEET NUMBER
3.75



WEST ELEVATION

SCALE: 1/4" = 1'-0"



1 SOFFIT VENT

SCALE: 1" = 1'-0"

LEGEND

- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE
- EXISTING CMU BLOCK INFILL TO RECEIVE PAINT, COLOR TO BE SELECTED
- NEW CMU BLOCK INFILL, PAINT, COLOR TO BE SELECTED
- ORIGINAL SANDSTONE
- CONCRETE SILLS, LINTELS, AND WATER TABLE
- ASPHALT SHINGLES MATCH TO EXISTING
- WOOD SIDING, PAINT COLOR TO BE SELECTED

GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. SEE MECHANICAL, ELECTRICAL, STRUCTURAL AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
3. ALL GUTTERS AND DOWNSPOUTS TO BE PREFINISHED.
4. SEE SHEET 10.10 AND 11.10 FOR DOOR AND WINDOW INFORMATION AND FINISHES.
5. METAL FLASHING TO BE SELECTED FROM THE MANUFACTURER'S STANDARD RANGE OF COLORS TO MATCH WINDOWS (SEE SHEET 11.10).
6. PROVIDE AND INSTALL KNOX BOX 36" A.F.F. FLUSH MOUNT TO STONE. COORDINATE EXACT LOCATION WITH FIRE DEPARTMENT.
7. SURROUNDING BUILDINGS NOT SHOWN FOR CLARITY, SEE THE SITE PLAN AND CIVIL DRAWINGS.

KEYNOTES

1. NOT USED.
2. FOUNDATION, SEE STRUCTURAL DRAWINGS.
3. NOT USED.
4. PREFINISHED 6" X 4 1/2" RECTANGULAR GUTTER, SEE SPEC.
5. PREFINISHED 4 1/2" X 4 1/2" SQUARE DOWNSPOUT, SEE SPEC.
6. NOT USED.
7. DEMO ALL EXISTING SHINGLE LAYERS ON SHED ROOF DOWN TO SUB-ROOFING. INSTALL 1/2" PLYWOOD SHEATHING, 15# BUILDING PAPER, ICE/WATER SHIELD, AND SHINGLES. PROVIDE PREFINISHED METAL DRIP EDGE, COLOR TO BE SELECTED.
8. HOSE BIB, SEE MECHANICAL DRAWINGS.
9. NOT USED.
10. REPLACE CAST-IN PLACE CONCRETE SILL TO MATCH PROFILE OF EXISTING, FIELD VERIFY. REMOVE AND REPLACE EXISTING WINDOW AS NECESSARY FOR INSTALLATION. SEE 8/11.10 FOR TYPICAL CONSTRUCTION.
11. NOT USED.
12. NOT USED.
13. NOT USED.
14. NOT USED.
15. NOT USED.
16. NOT USED.
17. NOT USED.
18. SEAL ROOF PENETRATION WATER TIGHT, SEE SHEET 1.20 AND MECHANICAL DRAWINGS.
19. 4" TALL, 1/2" STRIKE VINYL PRESS ON BUILDING ADDRESS NUMBERS SIGN COPY: "108", HELVETICA FONT, COLOR TO BE SELECTED.
20. NOT USED.
21. NOT USED.
22. NOT USED.
23. PROVIDE PREFINISHED METAL FLASHING ALONG UPPER EDGES OF SHED ROOF WHERE SHINGLES MEET STONE FAGADE. SAW-CUT STONE AND INSTALL FLASHING INTO STONE. PROVIDE CONTINUOUS SEALANT ALONG ENTIRE LENGTH OF TRIM - SEAL WATER TIGHT.
24. NOT USED.
25. NOT USED.
26. REPLACE WINDOW: CUT OUT WINDOW FROM ADJACENT MASONRY AND REMOVE ALL ASSOCIATED ATTACHMENTS, ANCHORS, FLANGES, TABS OR FASTENERS. PREP OPENING FOR NEW WINDOW.
27. FIRE DEPARTMENT KNOX BOX, SEE THE FLOOR PLAN.

LICENSED ARCHITECT
JAMES E. MILNER
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No 7
ARCHITECTS
1600 Sheridan Avenue
Cody, Wyoming 82414
307.587.5150
www.statelineno7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

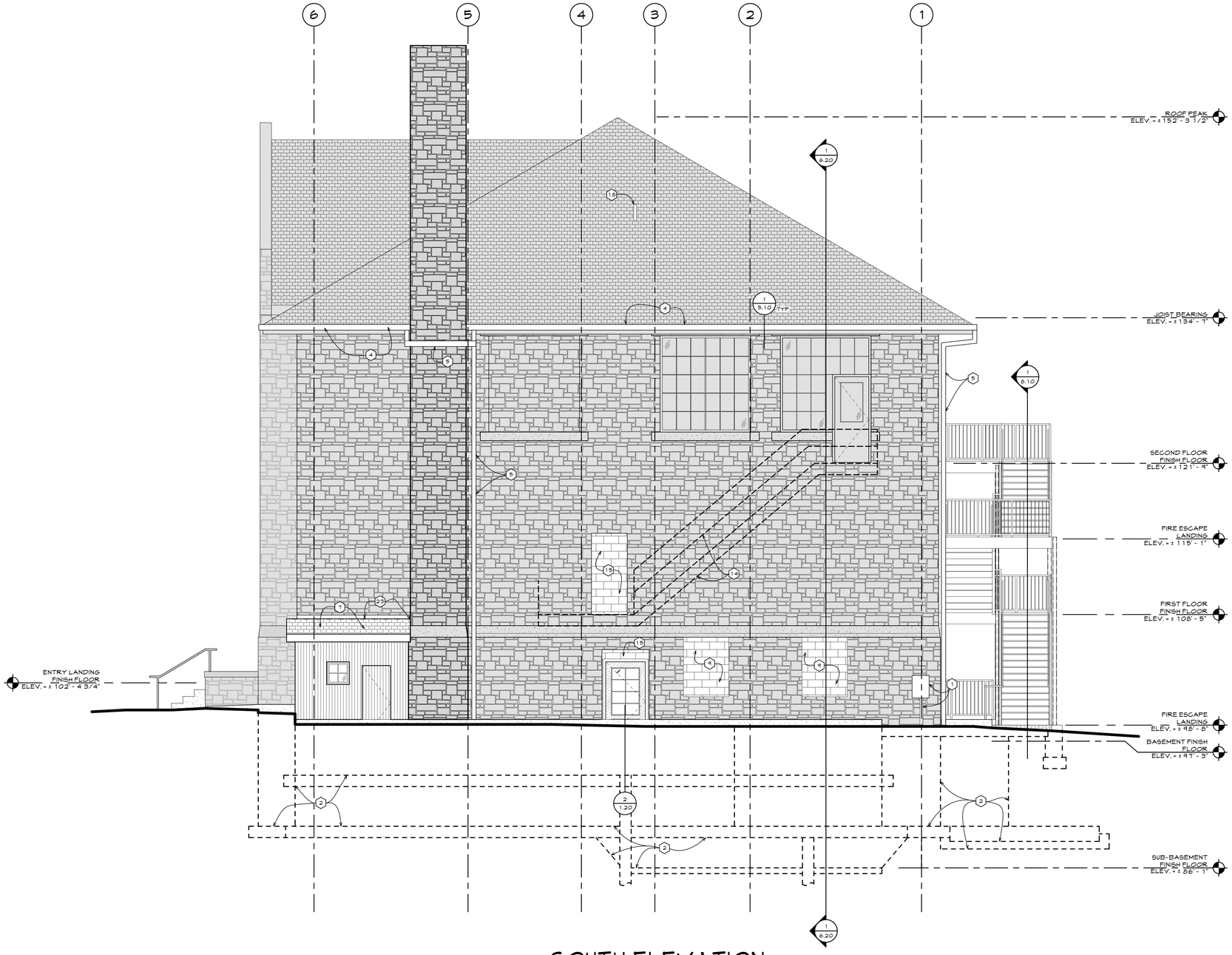
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

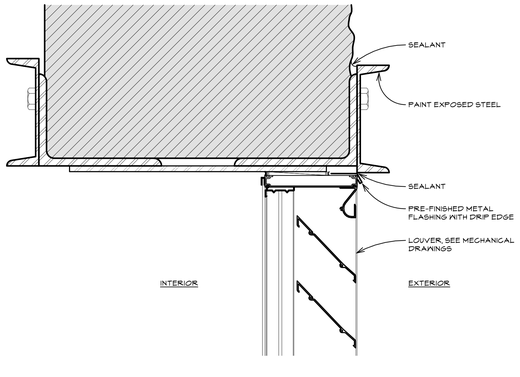
SHEET TITLE
WEST BUILDING ELEVATION

SHEET NUMBER
5.10



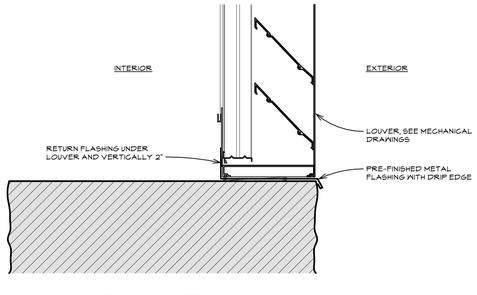
SOUTH ELEVATION

SCALE: 1/4" = 1'-0"



1 LOUVER HEAD

SCALE: 3" = 1'-0"



2 LOUVER SILL

SCALE: 3" = 1'-0"

LEGEND

- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE.
- EXISTING CMU BLOCK INFILL TO RECEIVE PAINT, COLOR TO BE SELECTED
- NEW CMU BLOCK INFILL, PAINT, COLOR TO BE SELECTED
- ORIGINAL SANDSTONE
- CONCRETE SILLS, LINTELS, AND WATER TABLE
- ASPHALT SHINGLES MATCH TO EXISTING
- WOOD SIDING, PAINT COLOR TO BE SELECTED

GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. SEE MECHANICAL, ELECTRICAL, STRUCTURAL AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
3. ALL GUTTERS AND DOWNSPOUTS TO BE PREFINISHED.
4. SEE SHEET 10.10 AND 11.10 FOR DOOR AND WINDOW INFORMATION AND FINISHES.
5. METAL FLASHING TO BE SELECTED FROM THE MANUFACTURER'S STANDARD RANGE OF COLORS TO MATCH WINDOWS (SEE SHEET 11.10).
6. PROVIDE AND INSTALL KNOX BOX 96" A.F.F. FLUSH MOUNT TO STONE. COORDINATE EXACT LOCATION WITH FIRE DEPARTMENT.
7. SURROUNDING BUILDINGS NOT SHOWN FOR CLARITY, SEE THE SITE PLAN AND CIVIL DRAWINGS.

KEYNOTES

1. ELECTRICAL SERVICES, PAINT.
2. FOUNDATION, SEE STRUCTURAL DRAWINGS.
3. NOT USED.
4. PREFINISHED 6" X 4 1/2" RECTANGULAR GUTTER, SEE SPEC.
5. PREFINISHED 4 1/2" X 4 1/2" SQUARE DOWNSPOUT, SEE SPEC.
6. NOT USED.
7. DEMO ALL EXISTING SHINGLE LAYERS ON SHED ROOF DOWN TO SUB-ROOFING INSTALL 1/2" PLYWOOD SHEATHING, 15# BUILDING PAPER, ICE/WATER SHIELD, AND SHINGLES. PROVIDE PREFINISHED METAL DRIP EDGE, COLOR TO BE SELECTED.
8. NOT USED.
9. PAINT EXISTING C.M.U. BLOCK INFILL, COLOR TO BE SELECTED.
10. NOT USED.
11. NOT USED.
12. NOT USED.
13. NOT USED.
14. REMOVE EXISTING FIRE ESCAPE AND ALL ASSOCIATED ATTACHMENTS, PLATFORMS, AND ANCHORS TO GRADE. GROUT HOLES IN MASONRY AS NEEDED WHERE FIRE ESCAPE WAS ANCHORED TO BUILDING.
15. INFILL WITH CMU AT LOCATION - SEE THE FLOOR PLANS, PAINT.
16. NOT USED.
17. NOT USED.
18. SEAL ROOF PENETRATION WATER TIGHT, SEE SHEET 1.20 AND MECHANICAL DRAWINGS.
19. NOT USED.
20. NOT USED.
21. NOT USED.
22. NOT USED.
23. PROVIDE PREFINISHED METAL FLASHING ALONG UPPER EDGES OF SHED ROOF WHERE SHINGLES MEET STONE FACADE. SAW-CUT STONE AND INSTALL FLASHING INTO STONE, PROVIDE CONTINUOUS SEALANT ALONG ENTIRE LENGTH OF TRIM - SEAL WATER TIGHT.

LICENSED ARCHITECT
JAMES E. MILENTZ
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No 7
ARCHITECTS
PO Box 2401
Sun Valley, Idaho 83353
208.928.7201
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

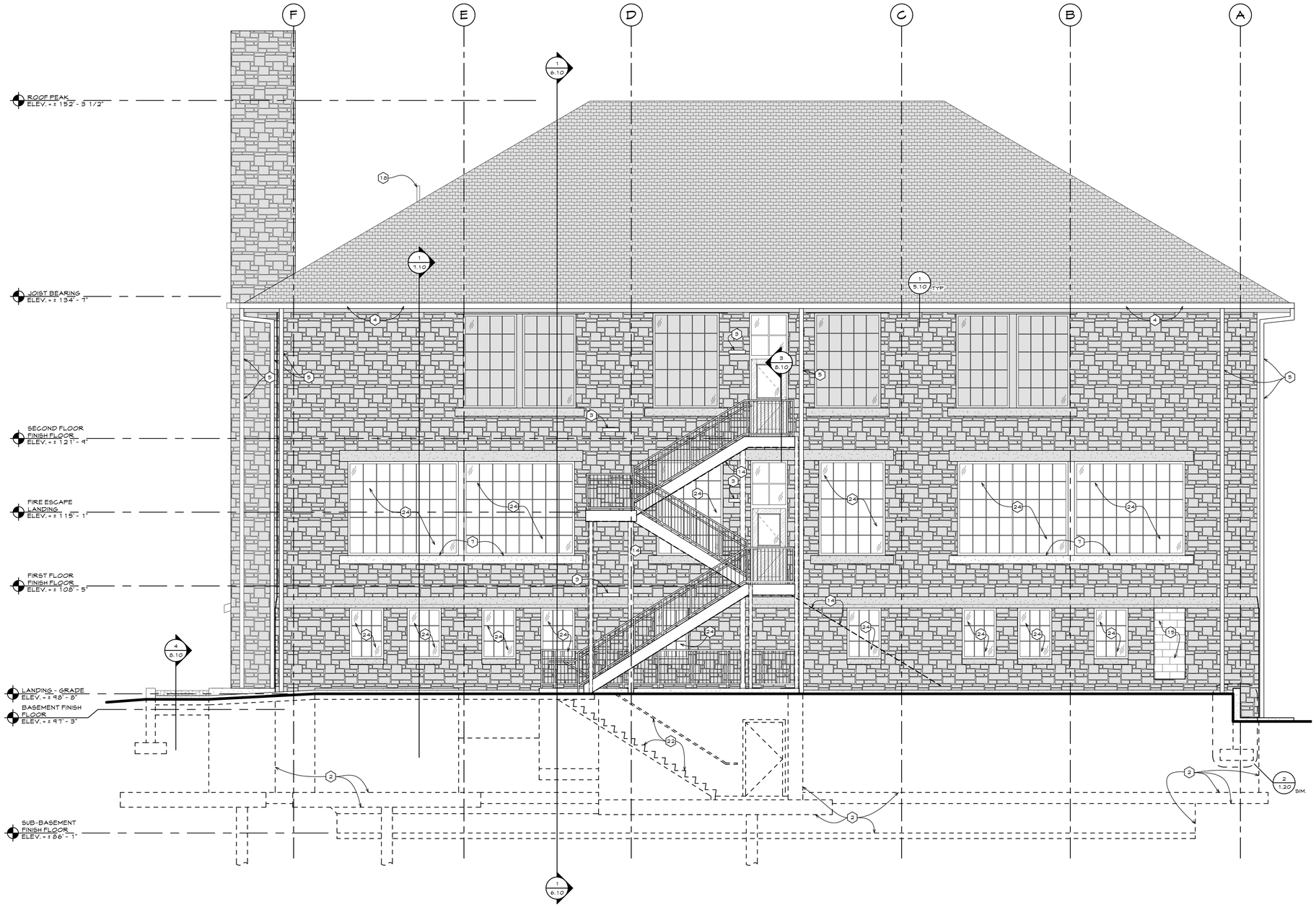
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
SOUTH BUILDING ELEVATION

SHEET NUMBER
5.15



EAST ELEVATION

SCALE: 1/4" = 1'-0"

LEGEND

- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE.
- EXISTING CMU BLOCK INFILL TO RECEIVE PAINT, COLOR TO BE SELECTED
- NEW CMU BLOCK INFILL, PAINT, COLOR TO BE SELECTED
- ORIGINAL SANDSTONE
- CONCRETE SILLS, LINTELS, AND WATER TABLE
- ASPHALT SHINGLES MATCH TO EXISTING
- WOOD SIDING, PAINT COLOR TO BE SELECTED

GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. SEE MECHANICAL, ELECTRICAL, STRUCTURAL AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
3. ALL GUTTERS AND DOWNSPOUTS TO BE PREFINISHED.
4. SEE SHEET 10.10 AND 11.10 FOR DOOR AND WINDOW INFORMATION AND FINISHES.
5. METAL FLASHING TO BE SELECTED FROM THE MANUFACTURER'S STANDARD RANGE OF COLORS TO MATCH WINDOWS (SEE SHEET 11.10).
6. SURROUNDING BUILDINGS NOT SHOWN FOR CLARITY, SEE THE SITE PLAN AND CIVIL DRAWINGS.

KEYNOTES

1. NOT USED.
2. FOUNDATION, SEE STRUCTURAL DRAWINGS.
3. LIGHT FIXTURE, SEE THE ELECTRICAL DRAWINGS.
4. PREFINISHED 6" X 4 1/2" RECTANGULAR GUTTER, SEE SPEC.
5. PREFINISHED 4 1/2" X 4 1/2" SQUARE DOWNSPOUT, SEE SPEC.
6. NOT USED.
7. REPLACE CAST-IN-PLACE CONCRETE WINDOW SILL TO MATCH PROFILE OF EXISTING, FIELD VERIFY. SEE 8/11.10 FOR TYPICAL CONSTRUCTION.
8. NOT USED.
9. NOT USED.
10. NOT USED.
11. NOT USED.
12. NOT USED.
13. NOT USED.
14. REMOVE EXISTING FIRE ESCAPE AND ALL ASSOCIATED ATTACHMENTS, PLATFORMS, AND ANCHORS TO GRADE. GROUT HOLES IN MASONRY AS NEEDED WHERE FIRE ESCAPE WAS ANCHORED TO BUILDING.
15. INFILL WITH CMU - SEE THE FLOOR PLANS, PAINT.
16. NOT USED.
17. NOT USED.
18. SEAL ROOF PENETRATION WATER TIGHT, SEE SHEET 1.20 AND MECHANICAL DRAWINGS.
19. NOT USED.
20. NOT USED.
21. NOT USED.
22. SUB-BASEMENT STAIR DASHED BEYOND.
23. NOT USED.
24. REPLACE WINDOW. CUT OUT WINDOW FROM ADJACENT MASONRY AND REMOVE ALL ASSOCIATED ATTACHMENTS, ANCHORS, FLANGES, TABS OR FASTENERS. PREP OPENING FOR NEW WINDOW. SALVAGE WINDOWS AND RETURN TO OWNER.

LICENSED ARCHITECT
JAKE E. MUNTON
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No 7 ARCHITECTS
307.283.1111 ph
307.283.1112 fax
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

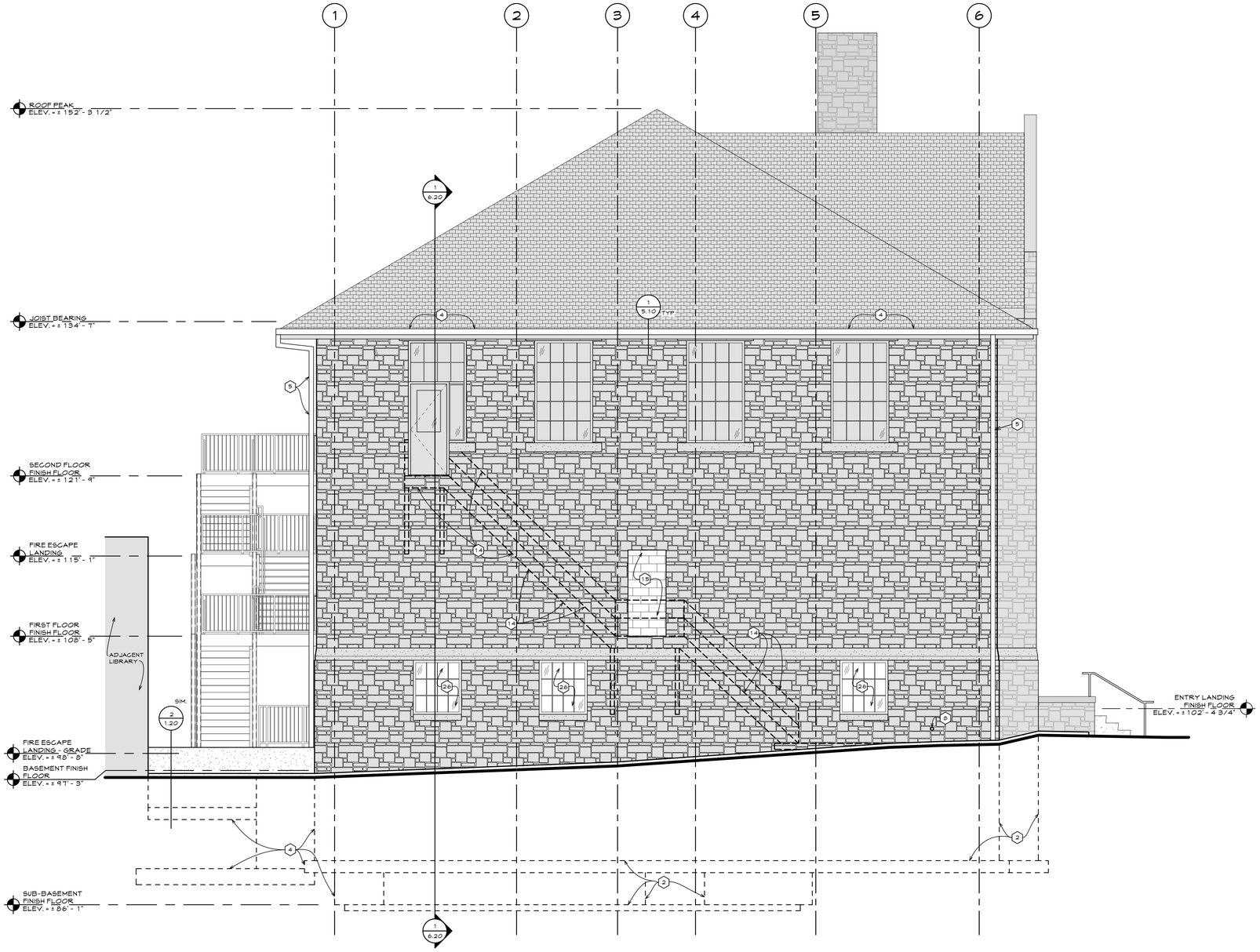
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
EAST BUILDING ELEVATION

SHEET NUMBER
5.20



NORTH ELEVATION

SCALE: 1/4" = 1'-0"

LEGEND

- EXISTING ITEMS - TO REMAIN UNLESS NOTED OTHERWISE.
- EXISTING CMU BLOCK INFILL TO RECEIVE PAINT, COLOR TO BE SELECTED
- NEW CMU BLOCK INFILL, PAINT, COLOR TO BE SELECTED
- ORIGINAL SANDSTONE
- CONCRETE SILLS, LINTELS, AND WATER TABLE
- ASPHALT SHINGLES MATCH TO EXISTING
- WOOD SIDING, PAINT COLOR TO BE SELECTED

GENERAL NOTES

1. GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. SEE MECHANICAL, ELECTRICAL, STRUCTURAL AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
3. ALL GUTTERS AND DOWNSPOUTS TO BE PREFINISHED.
4. SEE SHEET 10.10 AND 11.10 FOR DOOR AND WINDOW INFORMATION AND FINISHES.
5. METAL FLASHING TO BE SELECTED FROM THE MANUFACTURER'S STANDARD RANGE OF COLORS TO MATCH WINDOWS (SEE SHEET 11.10).

KEYNOTES

1. NOT USED.
2. FOUNDATION, SEE STRUCTURAL DRAWINGS.
3. NOT USED.
4. PRE FINISHED 6" X 4 1/2" RECTANGULAR GUTTER, SEE SPEC.
5. PRE FINISHED 4 1/2" X 4 1/2" SQUARE DOWNSPOUT, SEE SPEC.
6. NOT USED.
7. NOT USED.
8. HOSE BIB, SEE MECHANICAL DRAWINGS.
9. NOT USED.
10. NOT USED.
11. NOT USED.
12. NOT USED.
13. NOT USED.
14. REMOVE EXISTING FIRE ESCAPE AND ALL ASSOCIATED ATTACHMENTS, PLATFORMS, AND ANCHORS TO GRADE. GROUT HOLES IN MASONRY AS NEEDED WHERE FIRE ESCAPE WAS ANCHORED TO BUILDING.
15. INFILL WITH C.M.U. - SEE THE FLOOR PLAN, PAINT.
16. NOT USED.
17. NOT USED.
18. NOT USED.
19. NOT USED.
20. NOT USED.
21. NOT USED.
22. NOT USED.
23. NOT USED.
24. NOT USED.
25. NOT USED.
26. REPLACE WINDOW: CUT OUT WINDOW FROM ADJACENT MASONRY AND REMOVE ALL ASSOCIATED ATTACHMENTS, ANCHORS, FLANGES, TABS OR FASTENERS. PREP OPENING FOR NEW WINDOW. SALVAGE WINDOW AND RETURN TO OWNER.

LICENSED ARCHITECT
JAMES E. MILNER
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7 ARCHITECTS
Cheyenne, WY 82001
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

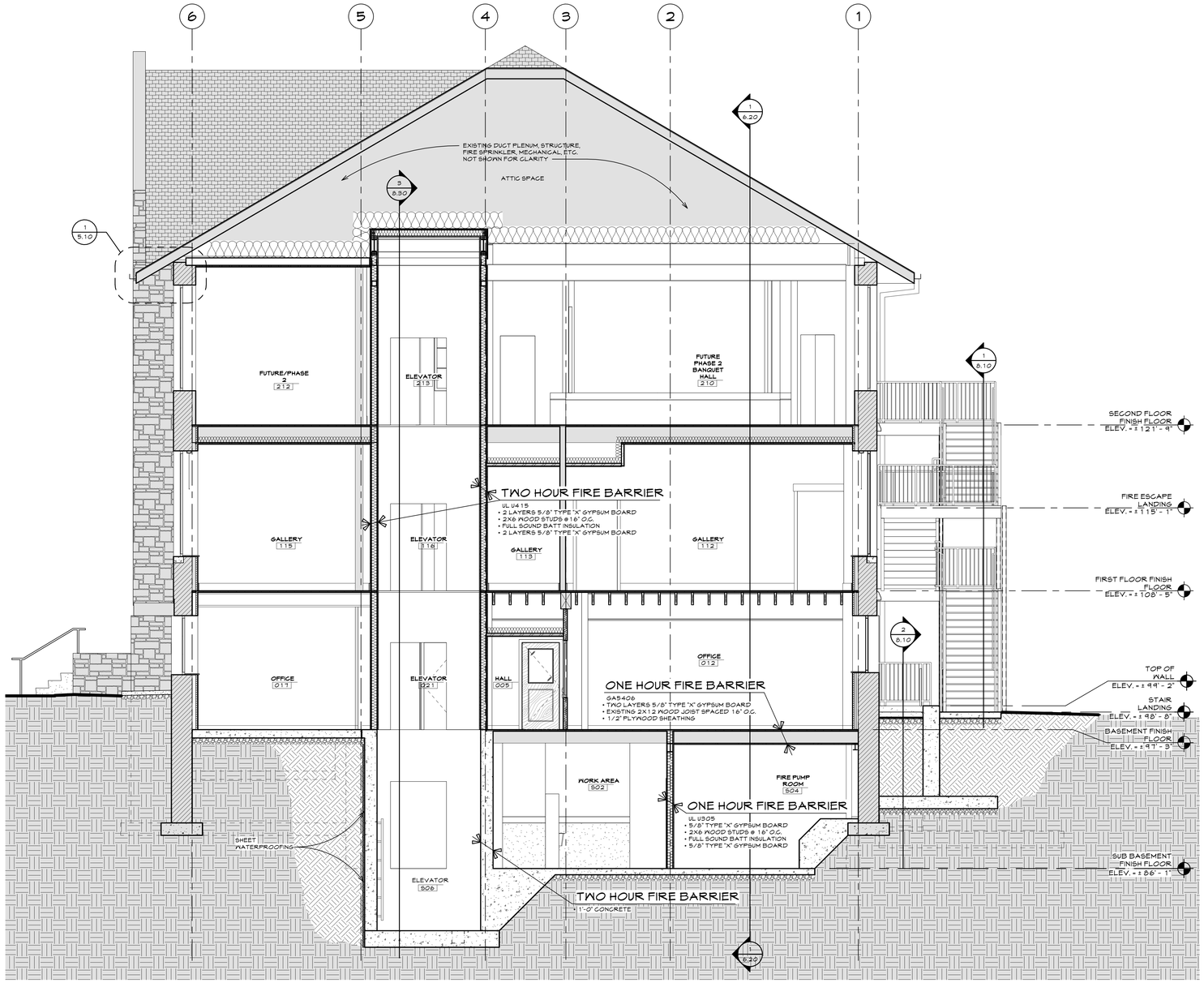
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
NORTH BUILDING ELEVATION

SHEET NUMBER
5.25



1 BUILDING SECTION 1
SCALE: 1/4" = 1'-0"

LICENSED ARCHITECT
KYLE T. MURPHY
C-1934
STATE OF WYOMING
DATE 11-20-17

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 2 ARCHITECTS
Cheyenne Office
2601 Capitol Avenue
Suite 200
Cheyenne, WY 82001
307.635.1111
Sundance Office
108 North 4th Street
Sundance, WY 82729
307.283.3884
www.stateline2architects.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 2 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 2 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

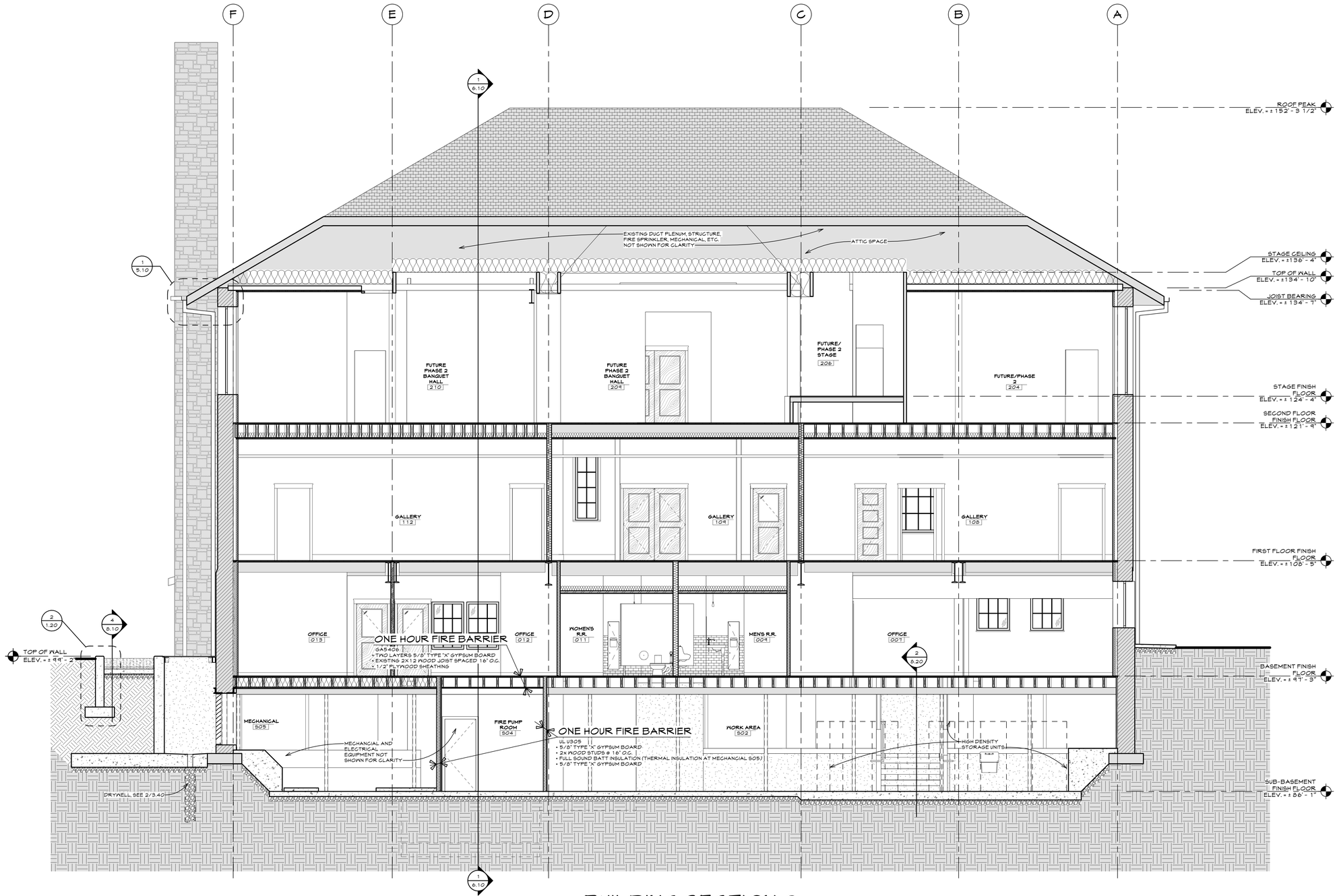
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
BUILDING SECTION

SHEET NUMBER
6.10



1 BUILDING SECTION 2

SCALE: 1/4" = 1'-0"

LICENSED ARCHITECT
JAMES E. MURPHY
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7
ARCHITECTS
PO Box 1001
Sundance, WY 82729
307.283.1115
307.283.1116 Fax
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

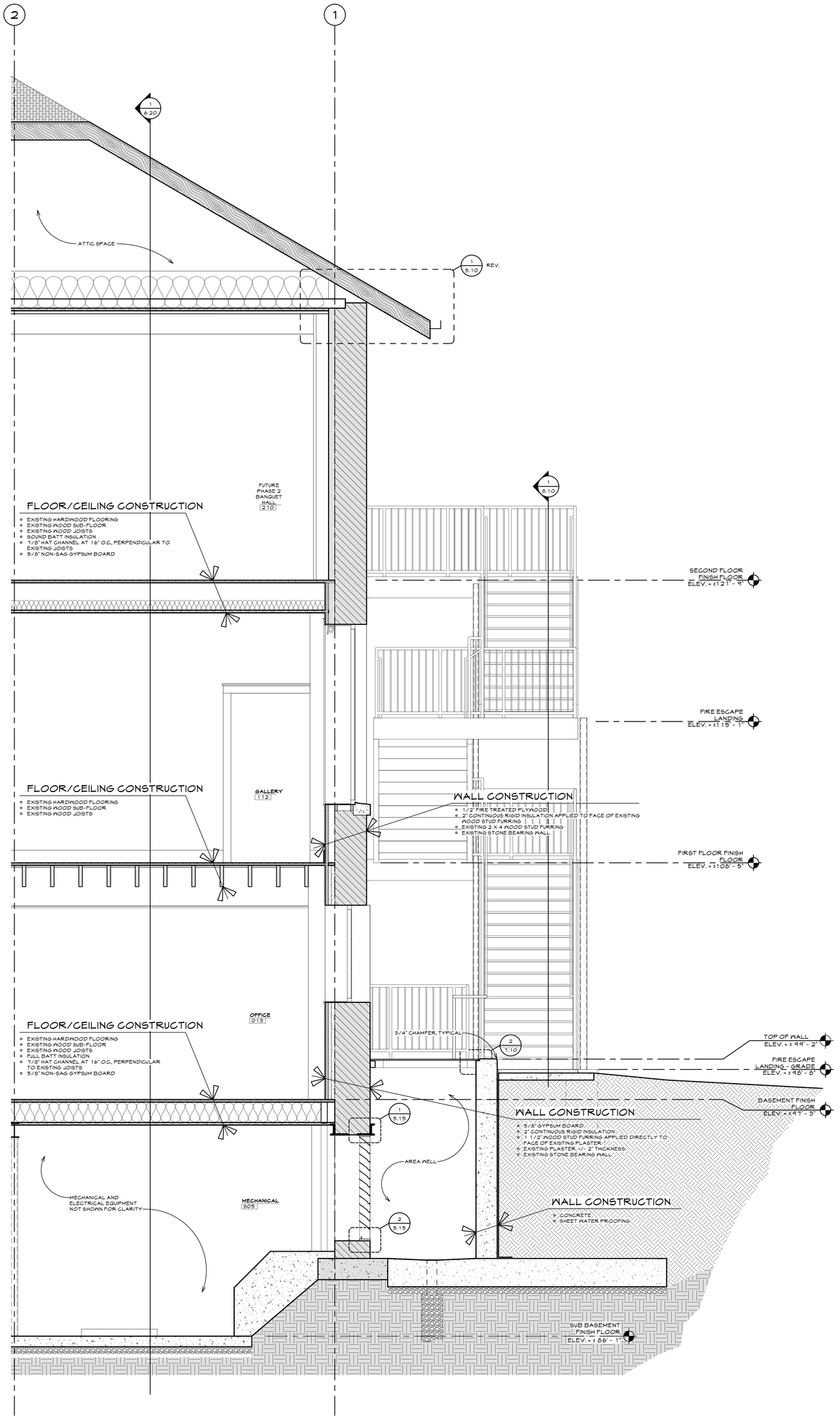
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

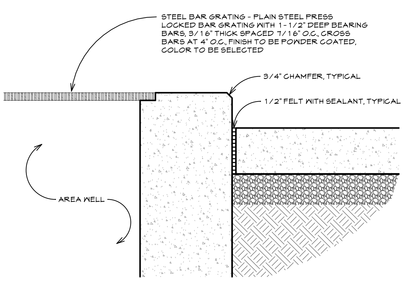
DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
BUILDING SECTION

SHEET NUMBER
6.20



1 WALL SECTION
SCALE: 1/2" = 1'-0"



2 AREA WELL GRATE
SCALE: 1 1/2" = 1'-0"

SHEET NUMBER
7.10

SHEET TITLE
WALL SECTIONS

DISK ID
16-022 Old Stoney/16-022_Old Stoney.rvt

DRAWN BY
KFOX
A WILLIAMSON

DATE
11-20-2017

PROJECT NUMBER
16-022

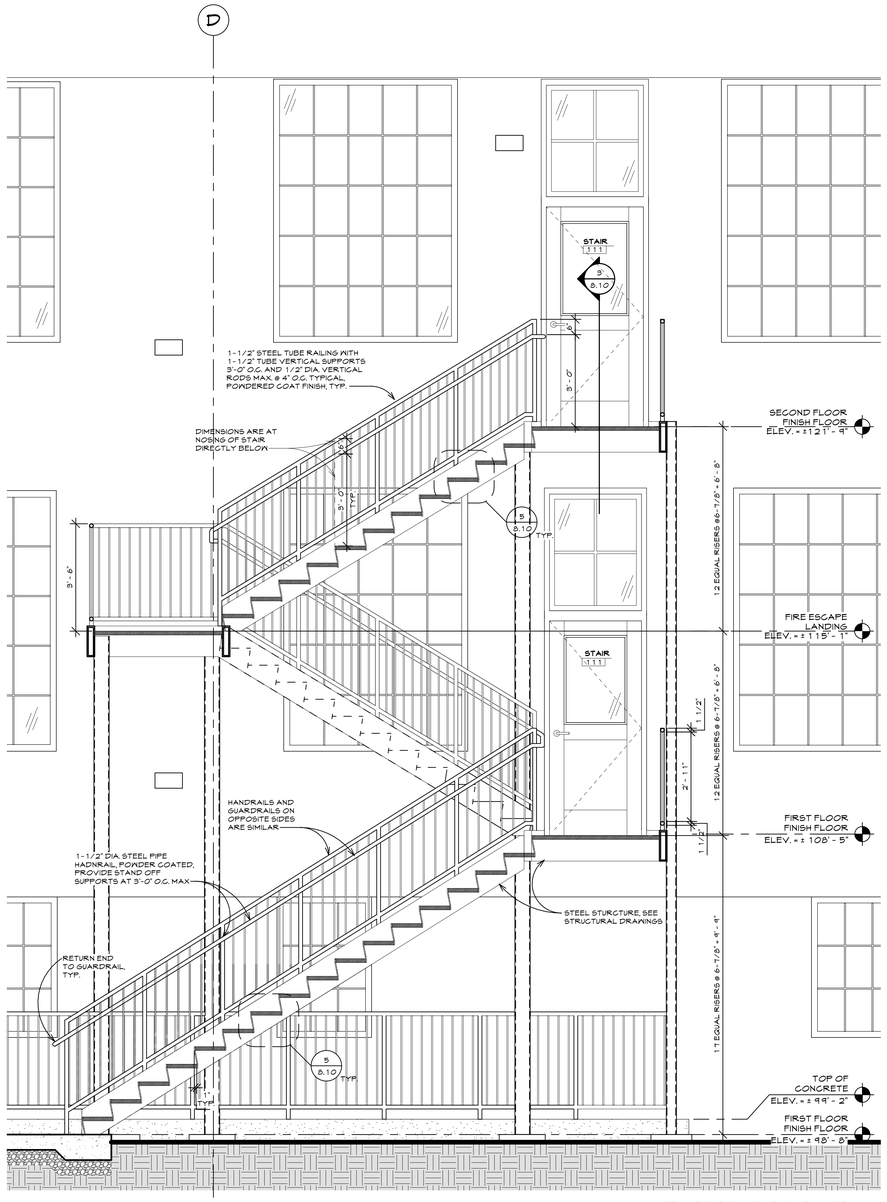
Stateline № 7 ARCHITECTS
444 South Center Street
307.265.3411
307.265.3417 fax
In Casper, WY
82601
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

OLD STONEY REMODEL
PHASE ONE

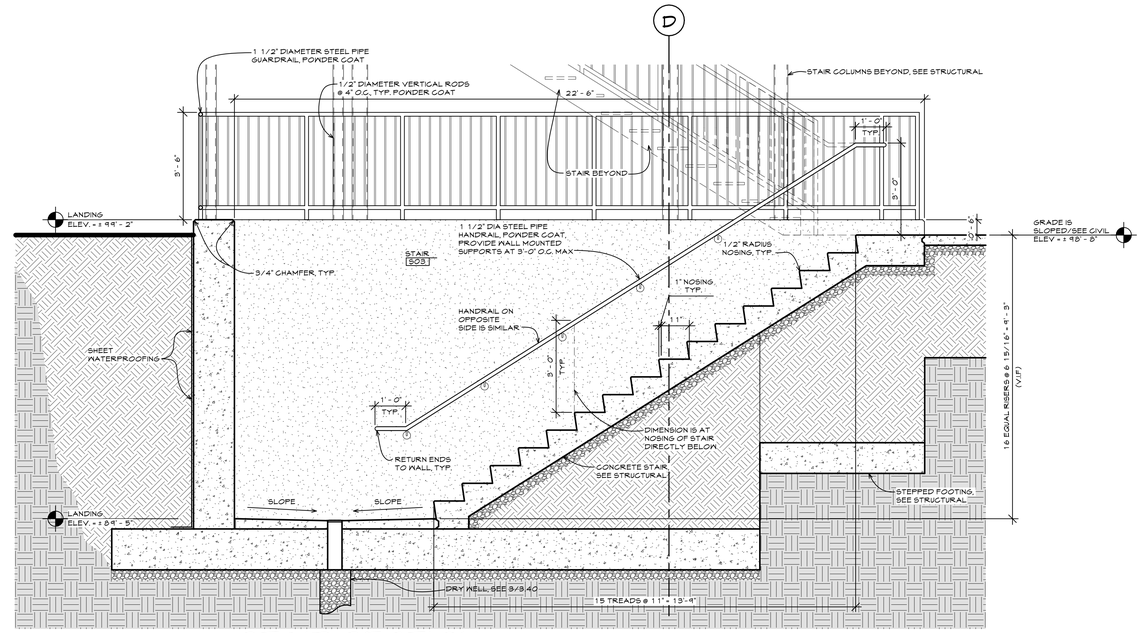
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

LICENSED ARCHITECT
STATE OF WYOMING

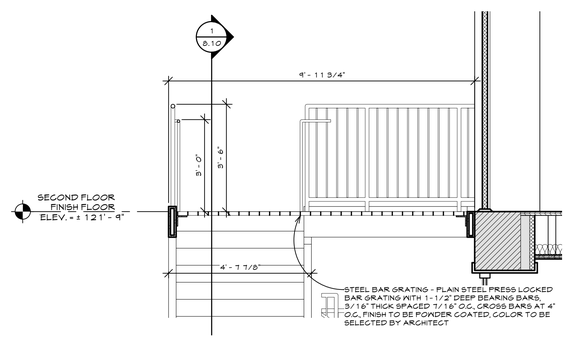


NOTE: ENTIRE STAIR TO BE POWDER COATED IN SECTIONS, COORDINATE LENGTH OF SECTIONS AND BOLTED CONNECTIONS WITH POWDER COATING REQUIREMENTS. SEE STRUCTURAL DRAWINGS FOR BOLTED CONNECTIONS

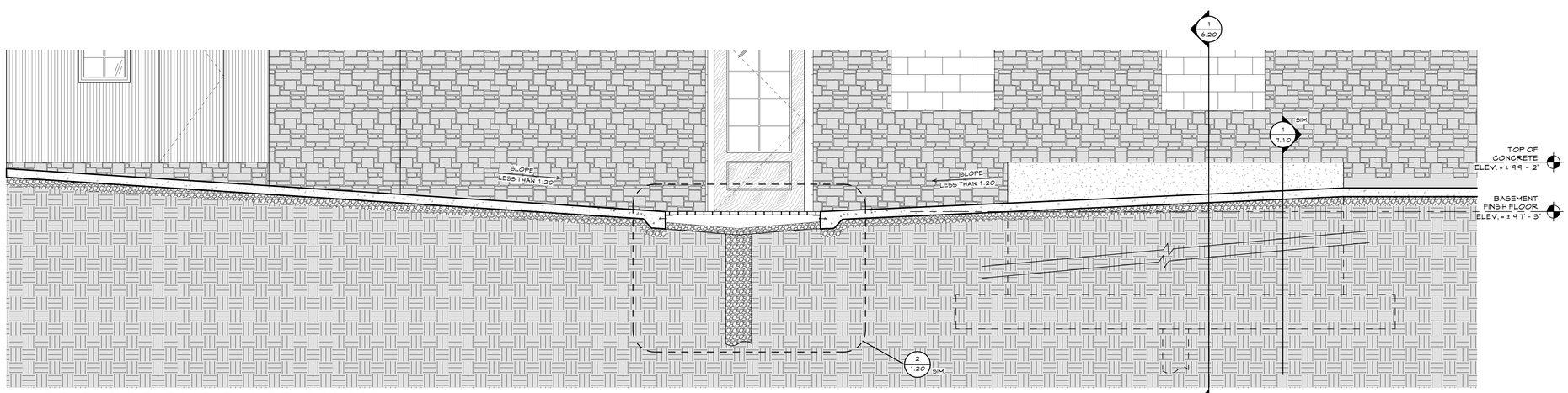
1 STAIR SECTION
SCALE: 1/2" = 1'-0"



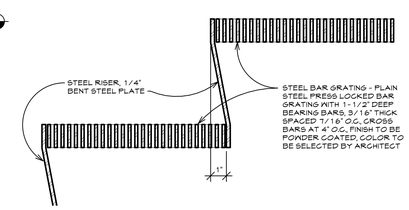
2 STAIR SECTION
SCALE: 1/2" = 1'-0"



3 LANDING SECTION
SCALE: 1/2" = 1'-0"



4 SERVICE ENTRY SECTION
SCALE: 1/2" = 1'-0"



5 STAIR DETAIL
SCALE: 3" = 1'-0"

LICENSED ARCHITECT
JOHN T. MUNTON
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7
ARCHITECTS
© Copyright 2001
7 Architects
Stateline Design
Stateline Design
307.283.1177
307.283.1178 fax
www.stateline.net

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE NO. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE NO. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

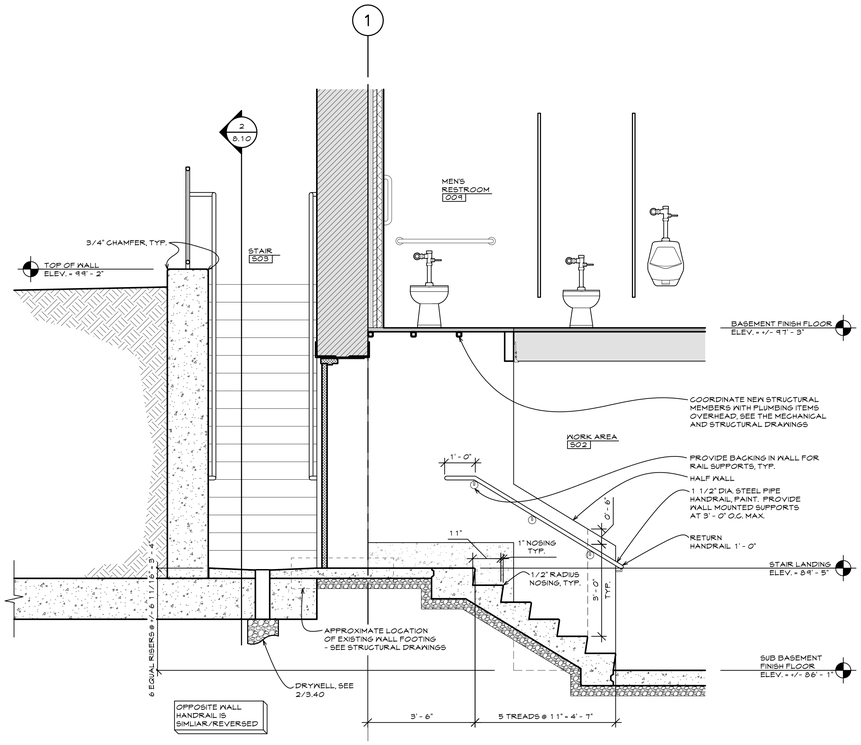
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

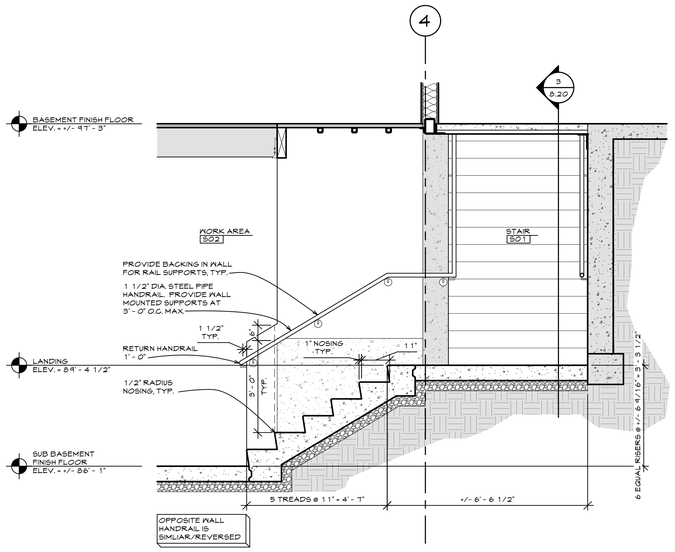
DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
EXTERIOR STAIRS - SECTIONS & DETAILS

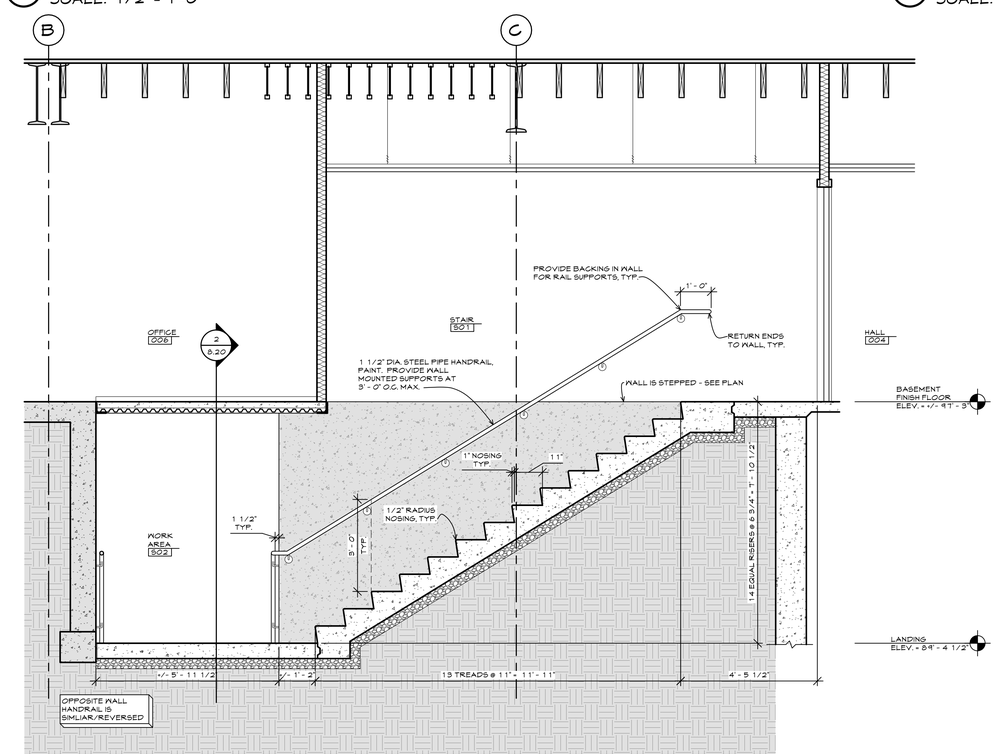
SHEET NUMBER
8.10



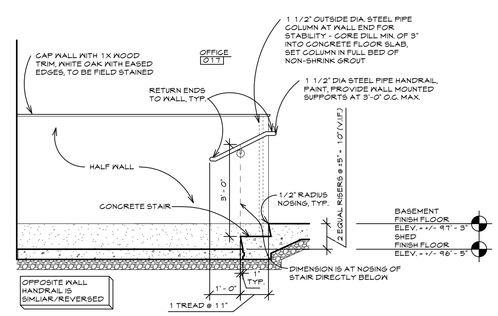
1 STAIR SECTION
SCALE: 1/2" = 1'-0"



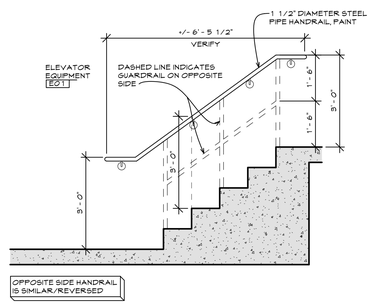
2 STAIR SECTION
SCALE: 1/2" = 1'-0"



3 STAIR SECTION
SCALE: 1/2" = 1'-0"



4 STAIR SECTION
SCALE: 1/2" = 1'-0"



5 HANDRAIL
SCALE: 1/2" = 1'-0"

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7 ARCHITECTS
1 Cowper Way
P.O. Box 1
Sundance, Wyoming 82729
307.283.1111
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

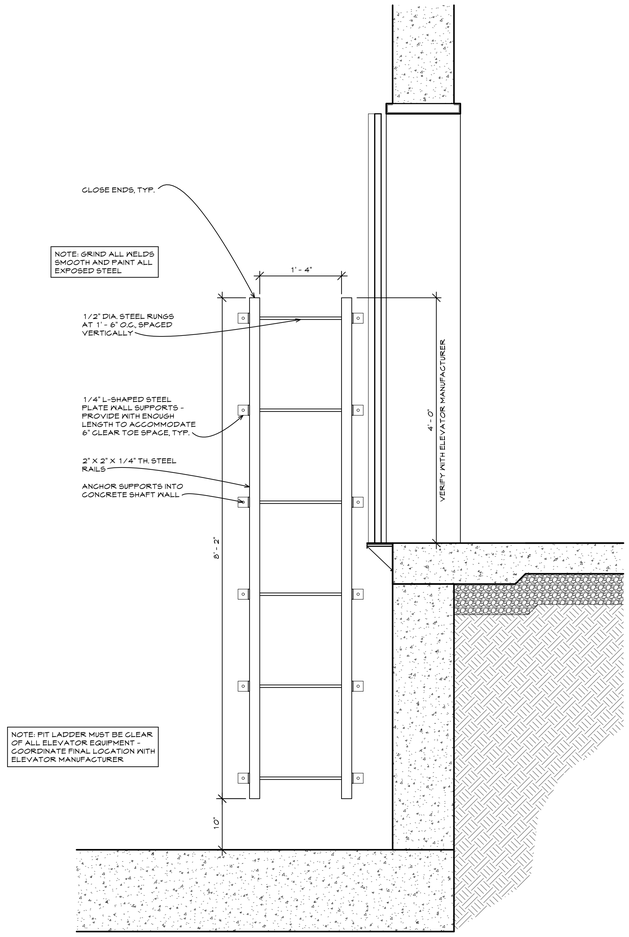
DATE
11-20-2017

DRAWN BY
KFOX
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

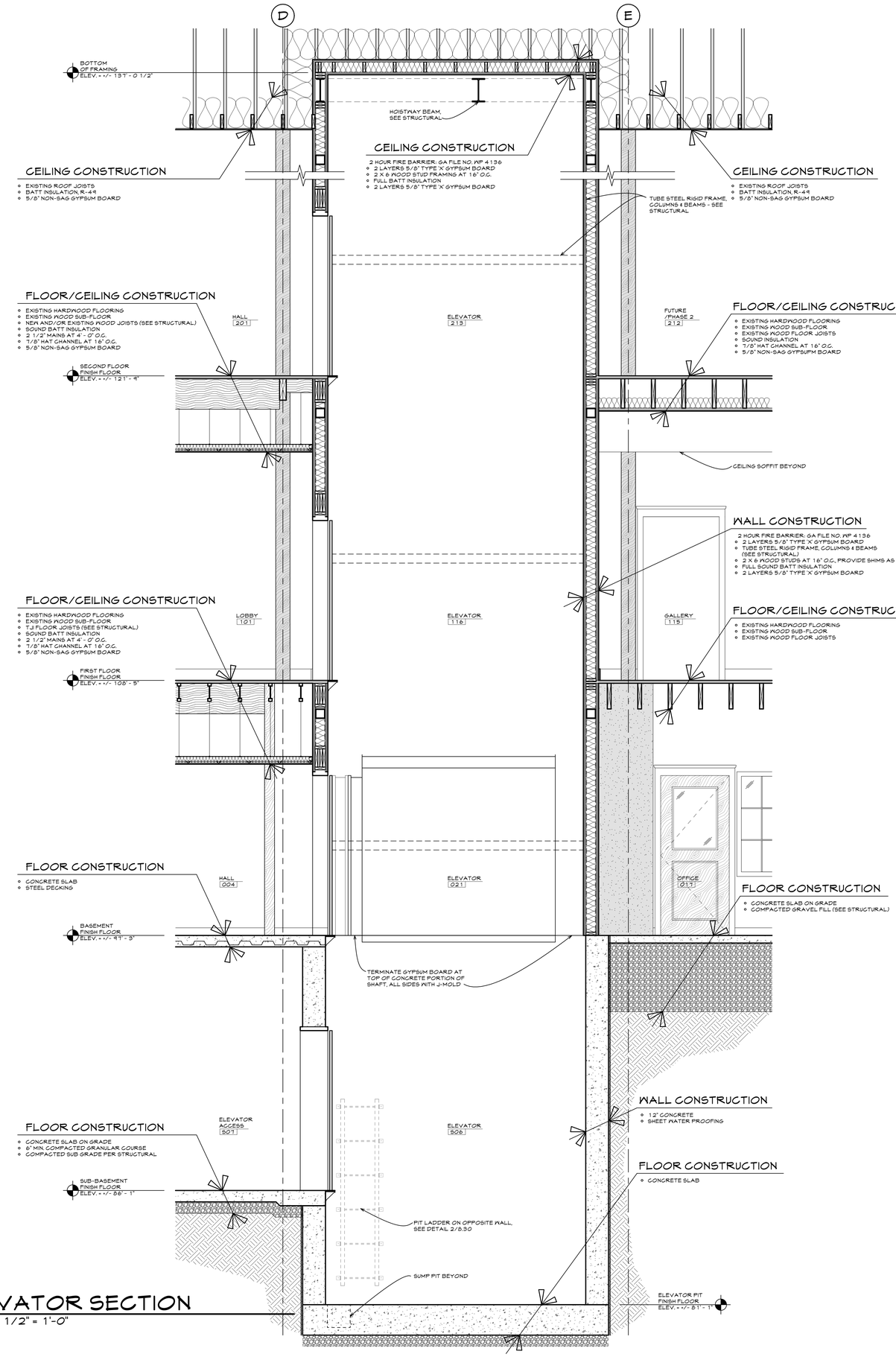
SHEET TITLE
INTERIOR STAIRS - SECTIONS & DETAILS

SHEET NUMBER
8.20



1 NOT USED
SCALE: 1/2" = 1'-0"

2 PIT LADDER
SCALE: 1" = 1'-0"



3 ELEVATOR SECTION
SCALE: 1/2" = 1'-0"

LICENSED ARCHITECT
JOHN T. MURPHY
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No 7 ARCHITECTS
P.O. Box 2001
Sun Valley, Idaho 83353
208.622.3111
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

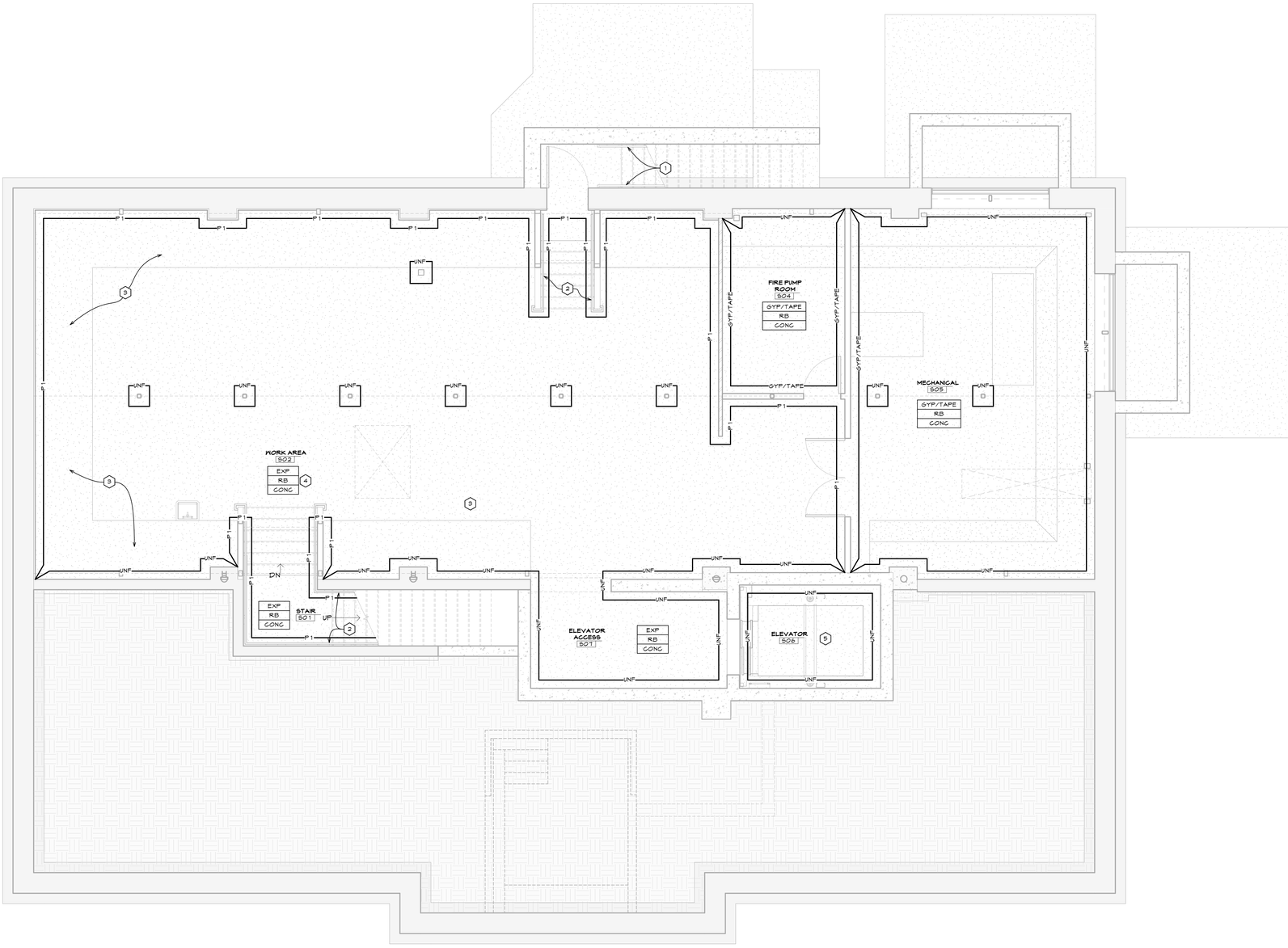
DATE
11-20-2017

DRAWN BY
KFOX

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

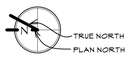
SHEET TITLE
ELEVATOR SECTION & DETAILS

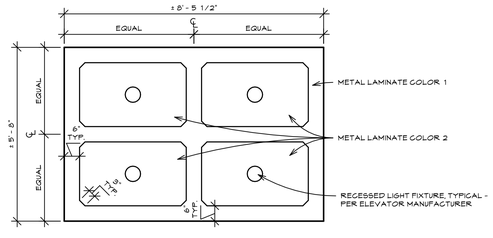
SHEET NUMBER
8.30



SUB-BASEMENT FINISH PLAN

SCALE: 1/4" = 1'-0"

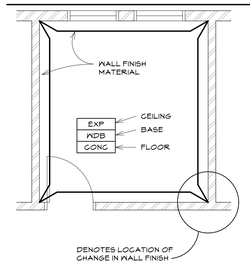




ENLARGED REFLECTED CEILING - ELEVATOR CAB

1 SCALE: 1/2" = 1'-0"

LEGEND



GYP	GYPSUM BOARD CEILING; NON-SAG GYPSUM BOARD
EXP	EXPOSED, OPEN TO STRUCTURE ABOVE/UNFINISHED
RB	RUBBER BASE, SOLID, HOMOGENEOUS RUBBER, COVE BASE WITH TOE, MINIMUM THICKNESS OF .125", 4" HEIGHT, MATTE FINISH, COLOR TO BE SELECTED
CONC	SEALED CONCRETE, CLEAR COAT SEALANT, SMOOTH SURFACE, NO COLOR
P 1	PAINTED GYPSUM BOARD; FIELD COLOR: SHERWIN WILLIAMS "COTTON WHITE" #7104, EGGSHELL FINISH
UNF	UNFINISHED
GYP/TAPE	UNFINISHED GYPSUM BOARD, TAPED (NO TEXTURE)

GENERAL NOTES:

1. LEGEND, GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. MECHANICAL AND ELECTRICAL EQUIPMENT HAS NOT BEEN SHOWN ON THIS PLAN FOR CLARITY.
3. SEE THE INTERIOR ELEVATIONS, REFLECTED CEILING PLANS, STAIR DETAILS, BUILDING ELEVATIONS, AND DOOR/WINDOW DETAILS FOR ADDITIONAL FINISHES NOT SHOWN/INDICATED ON THIS PLAN.
4. ALL FINISHES EXTEND FROM FLOOR TO BOTTOM OF STRUCTURE ABOVE UNLESS NOTED OTHERWISE.
5. ALL PAINTED GYPSUM BOARD WALLS TO RECEIVE A SMOOTH TEXTURE.
6. ALL 90 DEGREE OUTSIDE (VERTICAL) CORNERS TO BE SQUARE, TYPICAL.
7. NOT USED.
8. NOT USED.
9. PAINT EXTERIOR HOLLOW METAL DOORS AND FRAMES, AND WINDOW FRAMES, USE TWO COATS OF LATEX ENAMEL (SATIN) PRO-MAR 200 (INTERIOR) OR PRO MAR 100 (EXTERIOR) MANUFACTURED BY SHERWIN WILLIAMS OR EQUAL. PROVIDE FOR TWO COLORS (ONE INTERIOR, ONE EXTERIOR); COLORS TO BE SELECTED
10. PAINT ALL STEEL LINTELS, JAMBS, HEAD CONDITIONS, ETC. INTERIOR AND EXTERIOR; COLOR TO BE SELECTED.

KEYNOTES:

1. POWDER COATED METAL HAND RAIL. COLOR TO BE SELECTED.
2. STEEL HANDRAIL PAINT.
3. EXTEND CONCRETE FLOOR SEALER UP FOUNDATION WALL AND FOOTING, CAP/SHELF.
4. INTERIOR RUBBER BASE AT ALL DRYWALL LOCATIONS INCLUDING ELEVATED FOOTING CAP/SHELF.
5. SEE SHEET 9.15 FOR ELEVATOR CAB FINISHES.

LICENSED ARCHITECT
JOHN T. MILLER
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline No. 7 ARCHITECTS
Sundance, Wyoming
307.283.1101
www.statelineno7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

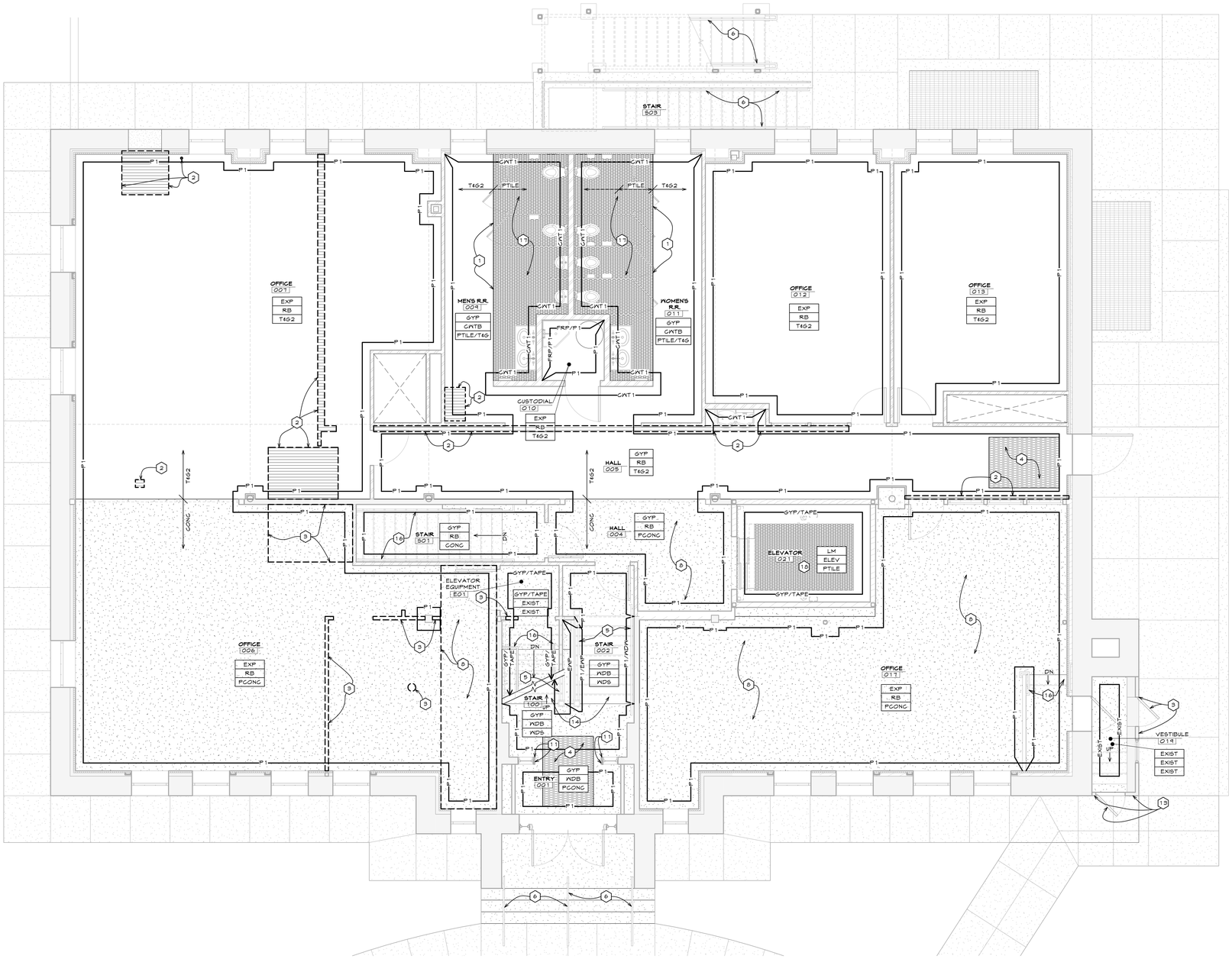
DATE
11-20-2017

DRAWN BY
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

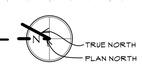
SHEET TITLE
SUB-BASEMENT FINISH FLOOR PLAN

SHEET NUMBER
9.10

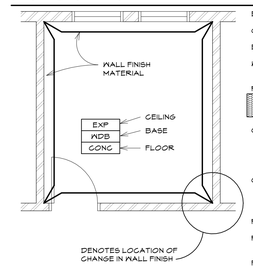


BASEMENT FINISH PLAN

SCALE: 1/4" = 1'-0"



LEGEND



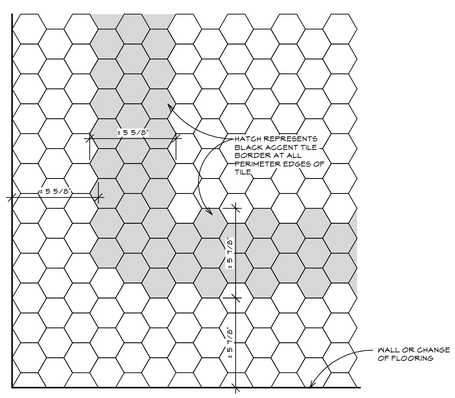
EXIST	EXISTING FINISHES TO REMAIN
GYP	GYPSUM BOARD CEILING: NON-SAG GYPSUM BOARD
EXP	EXPOSED, OPEN TO STRUCTURE ABOVE/UNFINISHED
WDB	SALVAGED OR NEW WHITE OAK (TO MATCH SALVAGED MATERIAL) WOOD WALL BASE: SAND AND REFINISH, STAIN
PTILE	PORCELAIN FLOOR TILE: 2" HEXAGON MOSAIC FLOOR TILE, MAIN FIELD COLOR "WHITE", ACCENT COLOR "BLACK", SEE DETAIL 1/4.15 FOR INSTALLATION PATTERN; USE LATICRETE EPOXY GROUT, COLOR TO BE SELECTED.
CNT 1	CERAMIC WALL TILE (FLOOR TO 3'-4"): 3" X 6" SUBWAY TILE, MAIN FIELD COLOR "WHITE" , ACCENT TILE TO BE COLOR "BLACK", 2" X 6" SHELF RAIL ACCENT FROM 3'-4" TO 3'-11", COLOR TO BE "WHITE"; TRIM TOP OF WAINSCOT WITH SCHLUTER JOLLY COLOR-COATED ALUMINUM "BRIGHT WHITE"; USE LATICRETE EPOXY GROUT, COLOR TO BE SELECTED.
CNTB	CERAMIC WALL TILE BASE (FLOOR TO 6" HEIGHT): 3" X 6" SUBWAY TILE, COLOR "BLACK"; TRIM TOP OF TILE BASE WITH SCHLUTER JOLLY COLOR-COATED ALUMINUM "BLACK"; USE LATICRETE EPOXY GROUT, COLOR TO BE SELECTED.
PCONC	POLISHED/DENSIFIED CONCRETE: NO COLOR
P1	PAINTED GYPSUM BOARD: FIELD COLOR: SHERWIN WILLIAMS "COTTON WHITE" #7104, EGGSHELL FINISH
FRP	REINFORCED FIBERGLASS PANEL: SEE INTERIOR ELEVATIONS FOR HEIGHT (P1 ABOVE), COLOR WHITE
ELEV	ELEVATOR CAB CUSTOM FINISH: SEE INTERIOR ELEVATIONS 4, 5 & 6 ON SHEET 4.30
WDS	WOOD STAIR, STAIN: INSTALL ALUMINUM 2 1/2" DEEP ANTI-SLIP STAIR NOSING COVER, SEE GENERAL NOTE 12 ON THIS SHEET, INSTALL DUST CORNERS, SEE GENERAL NOTE 13 ON THIS SHEET
CONC	SEALED CONCRETE, CLEAR COAT SEALANT, SMOOTH SURFACE, NO COLOR
T&G2	SALVAGED/EXISTING HARDWOOD FLOOR: SAND AND REFINISH PER THE SPECIFICATIONS
EXIST	EXISTING FINISHES TO REMAIN
LM	LAMINATED METAL: METAL LAMINATE, COLOR/FINISH TO BE SELECTED, SEE DETAIL 1/4.10 FOR INSTALL PATTERN
WDW	WOOD BEAD BOARD WAINSCOT, STAIN: SEE DETAIL 2/4.20
EWP	EXISTING WOOD PANEL: SAND/REFINISH, STAIN
RB	RUBBER BASE: SOLID, HOMOGENEOUS RUBBER, COVE BASE WITH TOE, MINIMUM THICKNESS OF .125", 4" HEIGHT, MATTE FINISH, COLOR TO BE SELECTED
GYP/TAPE	UNFINISHED GYPSUM BOARD, TAPE (NO TEXTURE)

GENERAL NOTES:

1. LEGEND, GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. MECHANICAL AND ELECTRICAL EQUIPMENT HAS NOT BEEN SHOWN ON THIS PLAN FOR CLARITY.
3. SEE THE INTERIOR ELEVATIONS, REFLECTED CEILING PLANS, STAIR DETAILS, BUILDING ELEVATIONS, AND DOOR/WINDOW DETAILS FOR ADDITIONAL FINISHES NOT SHOWN/INDICATED ON THIS PLAN.
4. ALL FINISHES EXTEND FROM FLOOR TO BOTTOM OF STRUCTURE ABOVE UNLESS NOTED OTHERWISE.
5. ALL PAINTED GYPSUM BOARD WALLS TO RECEIVE A SMOOTH TEXTURE.
6. ALL 90 DEGREE OUTSIDE (VERTICAL) CORNERS TO BE SQUARE, TYPICAL.
7. USE MOISTURE RESISTANT GYPSUM BOARD IN THE FOLLOWING LOCATIONS: MEN'S R.R. #009, CUSTODIAL #010, AND WOMEN'S R.R. #011.
8. ALL CEILING/SOFFITS TO BE PAINTED COLOR P1.
9. PAINT EXTERIOR HOLLOW METAL DOORS AND FRAMES, AND WINDOW FRAMES, USE TWO COATS OF LATEX ENAMEL (SATIN) PRO-MAR 200 (INTERIOR) OR PRO MAR 100 (EXTERIOR) MANUFACTURED BY SHERWIN WILLIAMS OR EQUAL. PROVIDE FOR TWO COLORS (ONE INTERIOR, ONE EXTERIOR); COLORS TO BE SELECTED.
10. PAINT ALL STEEL LINTELS, JAMBS, HEAD CONDITIONS, ETC. COLOR: COLOR TO BE SELECTED.
11. RUBBER/WOOD WALL BASE ONLY TO BE APPLIED TO GYPSUM BOARD WALLS. DO NOT APPLY OVER WALL TILE, WOOD OR FRP.
12. ALL EXISTING WOOD STAIR TREADS TO RECEIVE FUTURA 2 1/2" COMMERCIAL SATIN BRASS STAIR NOSING, FIELD CUT TO LENGTH, SEE DETAIL 4/4.15.
13. EACH STEP ON MAIN INTERIOR WOOD STAIR TO RECEIVE TWO "HOUSE OF ANTIQUE HARDWARE, PLAIN BRASS DUST CORNERS" IN POLISHED BRASS FINISH.

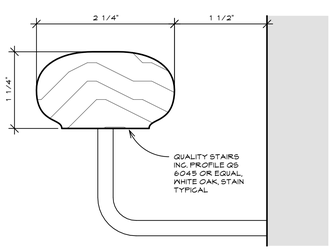
KEYNOTES:

1. TRANSITION STRIP (PORCELAIN FLOOR TILE TO EXISTING HARDWOOD FLOOR): SCHLUTER JOLLY COLOR WHITE. SIZE AS APPROPRIATE FOR TILE/WOOD FLOOR, SEE DETAIL 5 ON THIS SHEET.
2. DASHED LINE DENOTES AREA OF EXISTING HARDWOOD FLOOR TO RECEIVE PATCH, USE SALVAGED HARDWOOD FLOOR BOARDS FROM SUB-BASEMENT DEMO OR FROM AREAS IN KEYNOTES #17 ON THIS SHEET. INSTALL SAME DIRECTION AS ADJACENT TONGUE AND GROOVE PLANKS. CONTRACTOR TO VERIFY EXTENT OF PATCH AREA.
3. AREA OF EXISTING CONCRETE FLOOR TO RECEIVE CONCRETE PATCH/INFILL/GRIND SMOOTH AND FLUSH WITH ADJACENT FLOOR.
4. INSTALL 4'-4" X 6'-0" SURFACE MOUNTED WALK-OFF MAT - CONSTRUCTION SPECIALTIES PEDIMAT WITH TAPERED ALUMINUM FRAME, SEE SPEC FOR MORE INFORMATION.
5. INSTALL WHITE OAK WOOD HANDRAIL, SEE DETAIL 2/4.15 FOR PROFILE, STAIN.
6. POWDER COAT METAL HAND RAIL/GUARDRAIL. COLOR TO BE SELECTED.
7. NOT USED.
8. AREA TO RECEIVE NEW CONCRETE SLAB, GRIND SMOOTH AND MAKE FLUSH WITH ADJACENT FLOOR.
9. NOT USED.
10. NOT USED.
11. SAND AND REFINISH ALL CASINGS AND TRIM. PATCH AND FILL WOOD JAMB OR PROVIDE NEW JAMB. FIELD STAIN.
12. NOT USED.
13. PAINT EXTERIOR OF SHED, COLOR TO BE SELECTED.
14. SAND AND REFINISH ALL EXISTING HARDWOOD STAIRS, NEWELS, WALL STRING, RAILING, TREAD AND RISERS. CONTRACTORS' OPTION TO PROVIDE NEW WHITE OAK STAIR TREADS IN LIEU OF SANDING AND REFINISHING EXISTING.
15. NOT USED.
16. STEEL HANDRAIL, PAINT.
17. SAW CUT AND REMOVE HARDWOOD FLOORING IN AREA OF NEW FLOOR TILE. SALVAGE HARDWOOD FLOORING FOR PATCHING IN OTHER LOCATIONS AS NOTED.
18. FINISHES NOTED ARE CUSTOM/FIELD INSTALLED.



1 TILE FLOOR PATTERN

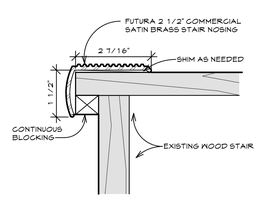
SCALE: 3" = 1'-0"



2 WOOD HANDRAIL PROFILE

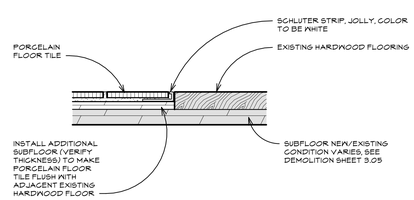
SCALE: 12" = 1'-0"

3 NOT USED



4 STAIR NOSING

SCALE: 6" = 1'-0"



5 FLOOR TRANSITION DETAIL

SCALE: 6" = 1'-0"

LICENSED ARCHITECT
JAMES T. MUNTON
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7 ARCHITECTS
Cheyenne, WY 82001
307.632.0741
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE NO. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE NO. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

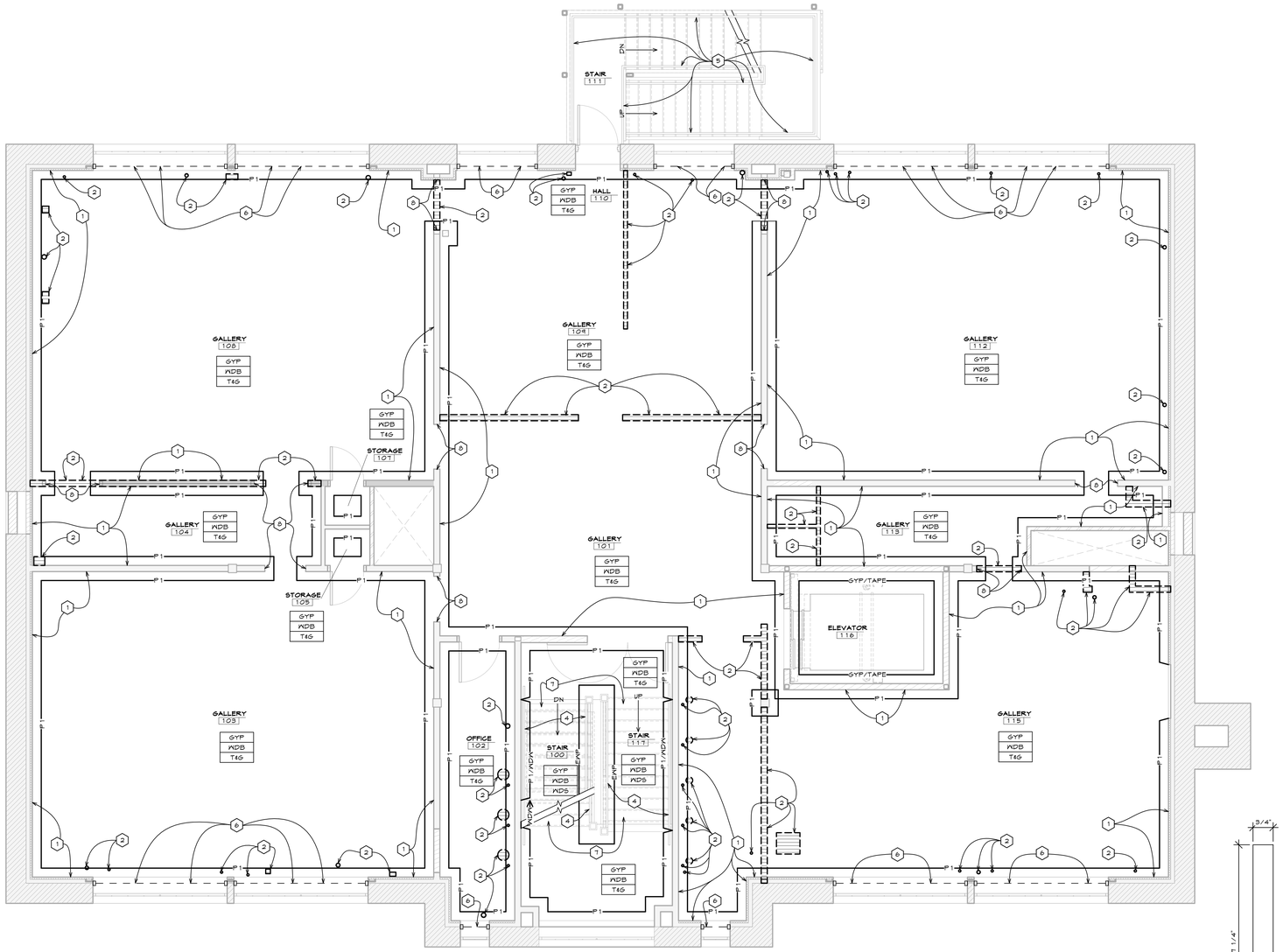
DATE
11-20-2017

DRAWN BY
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
BASEMENT FINISH FLOOR PLAN

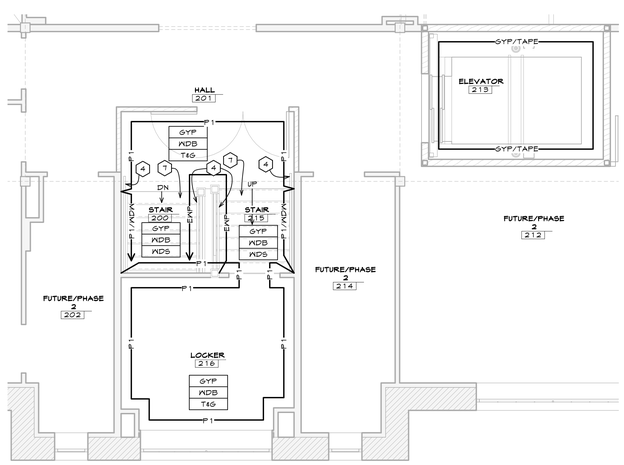
SHEET NUMBER
9.15



FIRST FLOOR FINISH PLAN

SCALE: 1/4" = 1'-0"

TRUE NORTH
PLAN NORTH

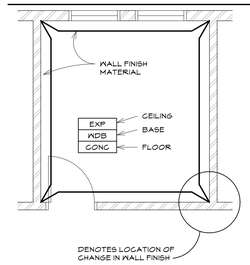


PARTIAL SECOND FLOOR FINISH PLAN

SCALE: 1/4" = 1'-0"

TRUE NORTH
PLAN NORTH

LEGEND



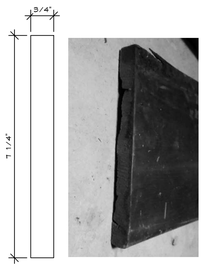
GYP	GYPSUM BOARD CEILING; NON-SAG GYPSUM BOARD, PAINT P1
WDB	SALVAGED WOOD WALL BASE: ADDITIONAL MATERIAL TO BE WHITE OAK SIZED TO MATCH EXISTING WITH 1/4 ROUND WHITE OAK, FIELD STAINED, SEE 1/9.20
P1	PAINTED GYPSUM BOARD OR PLYWOOD: FIELD COLOR: SHERWIN WILLIAMS "COTTON WHITE" #7104, EGGSHELL FINISH
UNF	UNFINISHED
WDS	WOOD STAIR, STAIN. INSTALL ALUMINUM 2 1/2" DEEP ANTI-SLIP STAIR NOSING COVER, SEE GENERAL NOTE 12 ON THIS SHEET AND DETAIL 4/9.15. INSTALL DUST CORNERS, SEE GENERAL NOTE 13 ON THIS SHEET.
T&G	EXISTING TONGUE & GROOVE HARDWOOD FLOOR: SAND AND REFINISH PER THE SPECIFICATIONS
WDW	WOOD BEAD BOARD WAINSCOT, STAIN, SEE DETAIL 2/9.20
EWP	EXISTING WOOD PANEL: SAND/REFINISH, STAIN
GYP/TAPE	UNFINISHED GYPSUM BOARD, TAPED (NO TEXTURE)

GENERAL NOTES:

1. LEGEND, GENERAL NOTES, KEYNOTES, AND LEGEND ON THIS SHEET REFER TO THIS SHEET ONLY.
2. MECHANICAL AND ELECTRICAL EQUIPMENT HAS NOT BEEN SHOWN ON THIS PLAN FOR CLARITY.
3. SEE THE INTERIOR ELEVATIONS, REFLECTED CEILING PLANS, STAIR DETAILS, BUILDING ELEVATIONS, AND DOOR/WINDOW DETAILS FOR ADDITIONAL FINISHES NOT SHOWN/INDICATED ON THIS PLAN.
4. ALL FINISHES EXTEND FROM FLOOR TO BOTTOM OF STRUCTURE ABOVE UNLESS NOTED OTHERWISE.
5. ALL PAINTED GYPSUM BOARD WALLS TO RECEIVE A SMOOTH TEXTURE.
6. ALL 90 DEGREE OUTSIDE (VERTICAL) CORNERS TO BE SQUARE, TYPICAL.
7. ALL CEILING/SOFFITS TO BE PAINTED COLOR P1.
8. PAINT EXTERIOR HOLLOW METAL DOORS AND FRAMES, AND WINDOW FRAMES, USE TWO COATS OF LATEX ENAMEL (SATIN) PRO-MAR 200 (INTERIOR) OR PRO MAR 100 (EXTERIOR) MANUFACTURED BY SHERWIN WILLIAMS OR EQUAL. PROVIDE FOR TWO COLORS (ONE INTERIOR, ONE EXTERIOR), COLORS TO BE SELECTED.
9. PAINT ALL STEEL LINTELS, JAMBS, HEAD CONDITIONS, ETC. COLOR: TO BE SELECTED.
10. NOT USED.
11. ALL EXISTING WOOD STAIR TREADS TO RECEIVE FUTURA 2-1/2" COMMERCIAL SATIN BRASS STAIR NOSING; FIELD CUT TO LENGTH, SEE DETAIL 4/9.15.
12. EACH STEP ON MAIN STAIR TO RECEIVE TWO "HOUSE OF ANTIQUE HARDWARE, PLAIN BRASS DUST CORNERS" IN POLISHED BRASS FINISH.
13. ALL DOOR, DOOR WAY OPENINGS, AND WINDOW OPENINGS ON FIRST FLOOR TO RECEIVE WOOD TRIM/CASINGS. USE SALVAGED/REGLAIMED WOOD TRIM (SANDED AND STAINED) OR PROVIDE NEW WHITE OAK WOOD TRIM, FIELD STAIN TYPICAL. SEE 1/9.20 FOR PROFILES, DIMENSIONS AND SALVAGE QUANTITIES.

KEYNOTES:

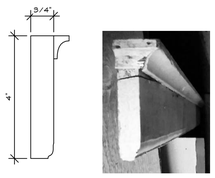
1. 1/2" THICK FIRE RETARDANT TREATED PLYWOOD WALL SHEATHING, ENTIRE WALL, PAINT.
2. DASHED LINE DENOTES AREA OF EXISTING TONGUE AND GROOVE HARDWOOD FLOOR TO REGEIVE PATCH, USE SALVAGED HARDWOOD TONGUE AND GROOVE WOOD BOARDS, INSTALL SAME DIRECTION AS ADJACENT TONGUE AND GROOVE PLANKS. CONTRACTOR TO VERIFY EXTENT OF PATCH AREA.
3. NOT USED.
4. INSTALL WHITE OAK WOOD HANDRAIL, SEE DETAIL 2/9.15 FOR PROFILE, STAIN.
5. POWDER COAT METAL HAND RAIL/FIRE ESCAPE, COLOR TO BE SELECTED.
6. PROVIDE ELECTRONIC OPERATED WINDOW COVERING, SEE SPECIFICATIONS. FIELD VERIFY OPENING SIZE.
7. SAND AND REFINISH ALL EXISTING HARDWOOD STAIRS, NEWELS, WALL STRING, RAILING, TREAD AND RISERS, STAIN. CONTRACTOR'S OPTION TO PROVIDE NEW OAK STAIR TREADS IN LIEU OF REFINISHING EXISTING.
8. DOORWAY OPENING, SEE 3/9.20 FOR TRIM.



SALVAGED WOOD BASE PROFILE, SAND/REFINISH WITH FIELD STAIN, OR PROVIDE NEW 7 1/4" X 3/4" WHITE OAK TRIM WITH SAME PROFILE, FIELD STAIN, MITERED CORNERS FOR FINISHED RETURN TO WALL.

SALVAGED AVAILABLE MATERIALS (APPROXIMATELY):
183 L.F. SALVAGED

WOOD BASE PROFILE

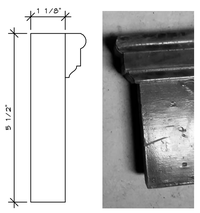


SALVAGED WINDOW HEAD TRIM PROFILE, SAND/REFINISH WITH FIELD STAIN, OR PROVIDE NEW 4" X 3/4" WHITE OAK TRIM WITH SAME PROFILE, FIELD STAIN, MITERED CORNERS FOR FINISHED RETURN TO WALL.

SALVAGED (OR NEW WHITE OAK) VERTICAL JAMB TRIM TO BE 3" X 3/4" WITH SQUARE EASED EDGE, SAND/REFINISH WITH FIELD STAIN.

SALVAGED AVAILABLE MATERIALS (APPROXIMATELY):
HEAD TRIM: 147 L.F. SALVAGED
VERTICAL/SILL TRIM: 471 L.F. SALVAGED

WINDOW HEAD TRIM PROFILE



SALVAGED WINDOW HEAD TRIM PROFILE, SAND/REFINISH WITH FIELD STAIN AND/OR PROVIDE NEW 5-1/2" X 1-1/8" WHITE OAK TRIM WITH SAME PROFILE, FIELD STAIN, MITERED CORNERS FOR FINISHED RETURN TO WALL.

SALVAGED (AND/OR NEW WHITE OAK) VERTICAL TRIM TO BE 4 3/8" X 3/4" WITH SQUARE EASED EDGE, SAND/REFINISH WITH FIELD STAIN.

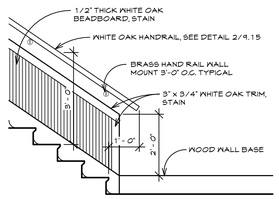
SALVAGED QUANTITIES/AVAILABLE MATERIAL (APPROXIMATELY):

HEAD TRIM
(4) 3'-2"
(14) 3'-8"
(2) 3'-6 3/4"
(3) 3'-5 3/4"
(1) 3'-5"
(1) 3'-4 3/4"
(3) 5'-1 3/4"
(2) 6'-8 1/2"
VERTICAL TRIM: 261 L.F. SALVAGED

DOOR HEAD TRIM PROFILE

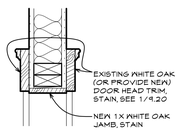
1 WOOD TRIM

SCALE: 6" = 1'-0"

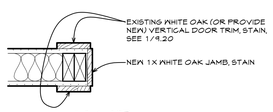


2 STAIR WAINSCOT

SCALE: 1/2" = 1'-0"



HEAD



JAMB

3 DOORWAY OPENING TRIM

SCALE: 1 1/2" = 1'-0"

LICENSED ARCHITECT
JAMES E. MILLER
1934
STATE OF WYOMING
DATE 11-20-17

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7 ARCHITECTS
© Copyright 2001
Stateline № 7 Architects
307.283.1177
307.283.1178
307.283.1179
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

DATE
11-20-2017

DRAWN BY
A WILLIAMSON

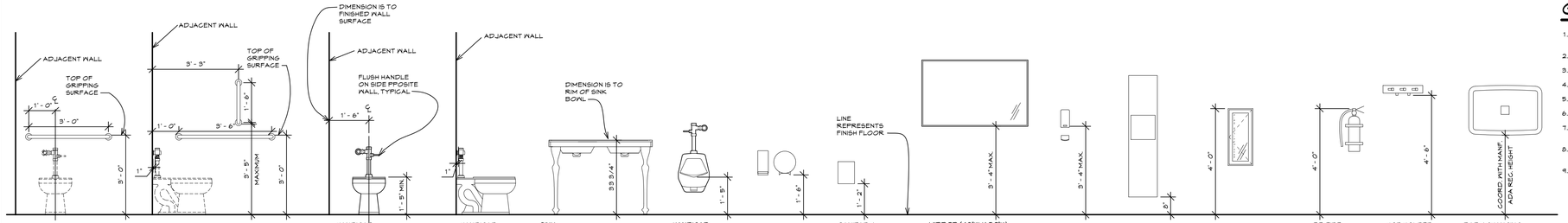
DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
FIRST & PARTIAL SECOND FINISH FLOOR PLANS

SHEET NUMBER
9.20

ACCESSORIES LEGEND

SCALE: 3/8" = 1'-0"



GRAB BAR SHOWN "BRADLEY CORPORATION" #812-2 (PEENED, NON-SLIP SURFACE)

GRAB BAR SHOWN "BRADLEY CORPORATION" #812-2 SERIES (PEENED, NON-SLIP SURFACE)

HANDICAP TOILET SEE MECHANICAL DRAWINGS

HANDICAP TOILET SEE MECHANICAL DRAWINGS

SINK (WALL MOUNTED CONSOLE) SEE MECHANICAL DRAWINGS

HANDICAP URINAL SEE MECHANICAL DRAWINGS

TOILET PAPER HOLDER "BRADLEY CORPORATION" #5424

SANITARY NAPKIN DISPOSAL "BRADLEY CORPORATION" #4781-15

MIRROR (48"W X 30"H) EASED EDGE FRAMELESS POLISHED PLATE GLASS MIRROR - 1/4" THICK

SOAP DISPENSER, "BRADLEY CORPORATION" #6562

INCLUDE MODEL "BRADLEY CORPORATION" 400 SOAP DISH, INSTALL BELOW SOAP DISPENSER AS DRIP TRAY

PAPER TOWEL DISPENSER/ WASTE RECEPTAGLE "BRADLEY CORPORATION" #2017-10 (SEMI-RECESSED)

F.E.C. FIRE EXTINGUISHER CABINET "LARSEN" ARCHITECTURAL SERIES SEMI-RECESSED FIRE EXTINGUISHER CABINET, MODEL #2409-R3, FULL PANEL DOOR WITH CLEAR TEMPERED GLASS, RED BAKED ENAMEL FINISH, VERTICAL WHITE DECAL LETTERING FOR GLASS

FIRE EXTINGUISHER (INSIDE) "LARSEN" ABC MULTI-PURPOSE DRY CHEMICAL HALOTRON 1 MODEL #HT5, 5lb. EXTINGUISHER.

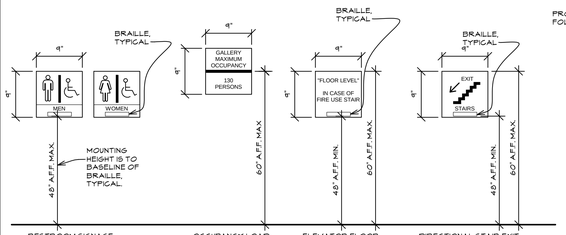
F.E. FIRE EXTINGUISHER "LARSENS" ABC MULTI-PURPOSE DRY CHEMICAL HOLOTRON 1, MODEL #HT5, 5LB. EXTINGUISHER WITH WALL BRACKET; AMEREX 1521A

MOP HOLDER "BRADLEY CORPORATION" # 9953

BABY CHANGING STATION, KOALA KARE MODEL #KB200 SURFACE MOUNTED, COLOR TO BE SELECTED

SIGNAGE LEGEND

NOT TO SCALE



RESTROOM SIGNAGE, LOCATED ON REFERENCE FLOOR PLAN

OCCUPANCY LOAD SIGN FOR FIRST FLOOR GALLERY, LOCATED ON REFERENCE FLOOR PLAN

ELEVATOR FLOOR LEVEL SIGNAGE TO BE LOCATED AT EACH LANDING, TO READ "SUB-BASEMENT", "BASEMENT", "FIRST FLOOR", AND "SECOND FLOOR", LOCATED ON REFERENCE FLOOR PLAN

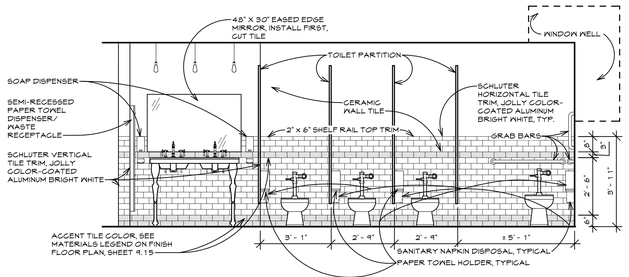
DIRECTIONAL STAIR EXIT SIGN, ARROW TO RUN DIRECTION AS REQUIRED FOR APPROPRIATE FLOOR EGRESS, LOCATED ON REFERENCE FLOOR PLAN

PROVIDE SIGNAGE AS PER THE DRAWINGS AND AS FOLLOWS

1. SIGN TYPE: FLAT SIGNS WITH ENGRAVED PANEL MEDIA AS SPECIFIED, EDGES AND CORNERS: SQUARE, WALL MOUNTING OF
3. ONE-SIDED SIGNS: TAPE ADHESIVE PROVIDE TACTILE SIGNAGE WITH LETTERS RAISED MINIMUM 1/32" AND GRADE II BRAIL
4. CHARACTER HEIGHT: 5/8" MINIMUM - 2" MAXIMUM
5. CHARACTER FONT: HELVETICA, ARIAL, OR OTHER SANS SERIF FONT
6. CHARACTER CASE: UPPER CASE ONLY
7. BACKGROUND COLOR: TO BE SELECTED
8. CHARACTER COLOR: CONTRASTING COLOR TO BE SELECTED

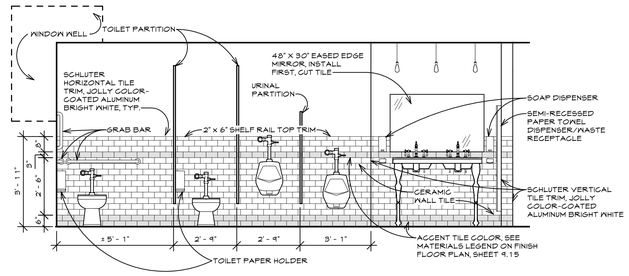
GENERAL NOTES:

1. CONTRACTOR TO PROVIDE SHOP DRAWINGS SHOWING COMPLETE LAYOUT INCLUDING ALL MATERIALS, COLORS, FINISHES, AND HARDWARE FOR REVIEW PRIOR TO FABRICATION.
2. DIMENSIONS ARE TO FINISH SURFACE OF WALL UNLESS NOTED OTHERWISE.
3. NOT USED.
4. ALL WINDOW SILLS TO BE SOLID SURFACE, COLOR TO BE SELECTED FROM MANUFACTURER'S FULL RANGE OF STANDARD COLORS UP TO PRICE GROUP D.
5. SEE THE FINISH FLOOR PLANS, REFLECTED CEILING PLAN, DOOR AND WINDOW SHEETS FOR
6. ADDITIONAL FINISHES NOT LISTED ON THIS PAGE.
7. CONTRACTOR TO PROVIDE ALL BLOCKING AND BACKING FOR CASEWORK AND OTHER WALL MOUNTED ACCESSORIES SHOWN ON THE INTERIOR ELEVATIONS, INCLUDING OWNER-PROVIDED ITEMS.
8. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS/MEASUREMENTS IN THE FIELD PRIOR TO FABRICATION/ORDERING CASEWORK AND COUNTERTOPS.
9. ALL TOILET/URINAL PARTITIONS TO BE SCRANTON PRODUCTS HINY HIDERS SOLID HDPE, FLOOR/WALL MOUNTED, HEADRAIL BRACED. PROVIDE STAINLESS STEEL (SATIN) TRIM, SHOES, BRACKETS, HARDWARE AND ALL OTHER EXPOSED ACCESSORY ITEMS. BRACKETS TO BE CONTINUOUS TYP. PROVIDE GRAB BAR REINFORCEMENT WHERE REQUIRED. COLOR TO BE: GLACIER GRAY, ORANGE PEEL FINISH.



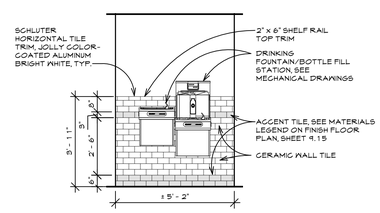
1 WOMEN'S RESTROOM

SCALE: 3/8" = 1'-0" ROOM: 011



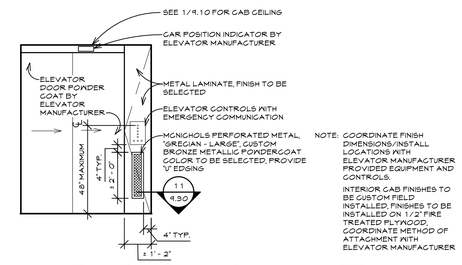
2 MEN'S RESTROOM

SCALE: 3/8" = 1'-0" ROOM: 009



3 DRINK ALCOVE

SCALE: 3/8" = 1'-0" ROOM: 005

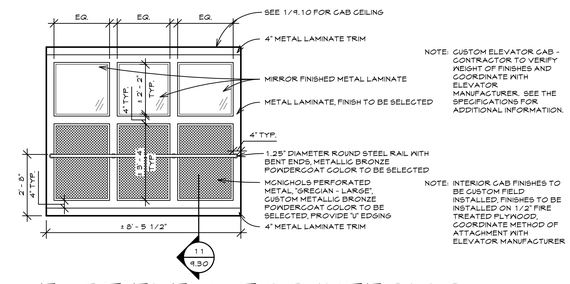


NOTE: COORDINATE FINISH DIMENSIONS/INSTALL LOCATIONS WITH ELEVATOR MANUFACTURER PROVIDED EQUIPMENT AND CONTROLS.

INTERIOR CAB FINISHES TO BE CUSTOM FIELD INSTALLED, FINISHES TO BE INSTALLED ON 1/2" FIRE TREATED PLYWOOD. COORDINATE METHOD OF ATTACHMENT WITH ELEVATOR MANUFACTURER

4 NORTH ELEVATOR INTERIOR

SCALE: 3/8" = 1'-0" ROOM: 021

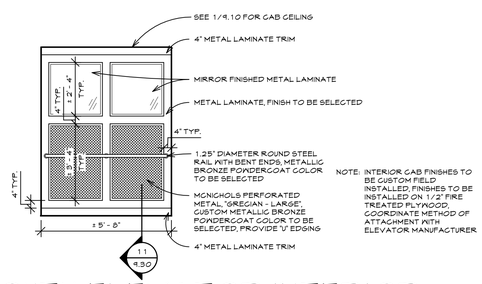


NOTE: CUSTOM ELEVATOR CAB - CONTRACTOR TO VERIFY HEIGHT OF FINISHES AND COORDINATE WITH ELEVATOR MANUFACTURER. SEE THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

NOTE: INTERIOR CAB FINISHES TO BE CUSTOM FIELD INSTALLED, FINISHES TO BE INSTALLED ON 1/2" FIRE TREATED PLYWOOD. COORDINATE METHOD OF ATTACHMENT WITH ELEVATOR MANUFACTURER

5 EAST ELEVATOR INTERIOR

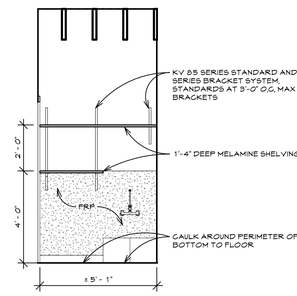
SCALE: 3/8" = 1'-0" ROOM: 021



NOTE: INTERIOR CAB FINISHES TO BE CUSTOM FIELD INSTALLED, FINISHES TO BE INSTALLED ON 1/2" FIRE TREATED PLYWOOD. COORDINATE METHOD OF ATTACHMENT WITH ELEVATOR MANUFACTURER

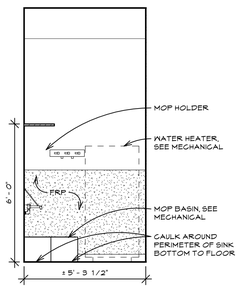
6 SOUTH ELEVATOR INTERIOR

SCALE: 3/8" = 1'-0" ROOM: 021



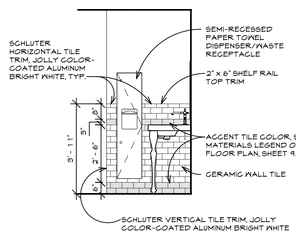
7 CUSTODIAL

SCALE: 3/8" = 1'-0" ROOM: 009



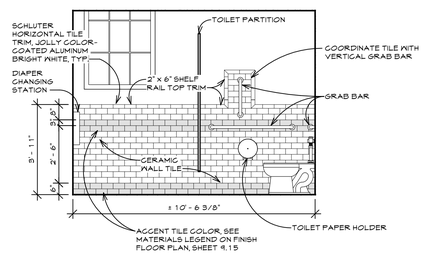
8 CUSTODIAL

SCALE: 3/8" = 1'-0" ROOM: 009



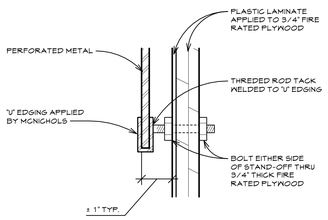
9 RESTROOM

SCALE: 3/8" = 1'-0" ROOM: 009
(011 IS REVERSED)



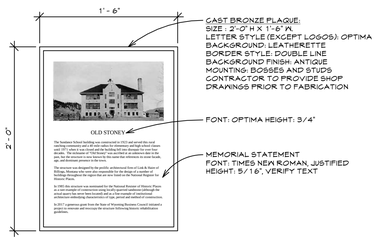
10 MEN'S RESTROOM

SCALE: 3/8" = 1'-0" ROOM: 009
(011 IS REVERSED)



11 STAND-OFF DETAIL

SCALE: 6" = 1'-0"



CAST BRONZE PLAQUE:
SIZE: 2'-0" H X 1'-6" W
LETTER STYLE (EXCEPT LOGOS): OPTIMA
BACKGROUND: LEATHERETTE
BORDER STYLE: DOUBLE LINE
BACKGROUND FINISH: ANTIQUE
MOUNTING: BOSSES AND STUDS
CONTRACTOR TO PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION

FONT: OPTIMA HEIGHT: 3/4"

MEMORIAL STATEMENT
FONT: TIMES NEW ROMAN, JUSTIFIED
HEIGHT: 5/16", VERIFY TEXT

12 BUILDING PLAQUE

SCALE: 1 1/2" = 1'-0"

LICENSED ARCHITECT
JOHN E. MUNTER
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline № 7 ARCHITECTS
1 Campbell Plaza
Suite 200
Casper, Wyoming 82601
307.234.1500
www.7architects.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

DATE
11-20-2017

DRAWN BY
A WILLIAMSON

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
INTERIOR ELEVATIONS, DETAILS & ACCESSORIES

SHEET NUMBER
9.30

DOOR SCHEDULE

LEGEND

ABBREVIATIONS:

HME	HOLLOW METAL WOOD GRAIN EMBOSSED
HM	HOLLOW METAL
WD	WOOD
IN	INSULATED - 1" ASSEMBLY
T	TEMPERED - 1/4" GLAZING
UV	ULTRAVIOLET RESISTANT
T/IN	TEMPERED/INSULATED 1" ASSEMBLY
V.I.F.	VERIFY IN FIELD
HDW	HARDWARE
IG	INTERCHANGEABLE CORE
OB	OBSCURE 1/4" GLAZING
EXIST	EXISTING TO REMAIN

NOTES:

1. ALL WOOD DOORS TO BE STAINED IN FIELD, FINISH TO BE SELECTED.
2. ALL WOOD DOORS TO BE SOLID WOOD, TYPICAL.
3. ALL HOLLOW METAL DOORS AND FRAMES TO BE HEAVY DUTY AND SHALL BE FACTORY PRIMED AND FIELD PAINTED. ALL EXTERIOR HOLLOW METAL DOORS AND FRAMES TO BE GALVANIZED STEEL TYPICAL UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR HOLLOW METAL DOORS TO BE FULLY INSULATED.
5. ALL HOLLOW METAL FRAMES TO BE FULLY WELDED.
6. ACTIVE LEAF ON PAIRS OF DOORS IS LEAF WITH DOOR NUMBER DESIGNATION SHOWN ON FLOOR PLANS, TYPICAL
7. SEE EACH INDIVIDUAL DOOR AND/OR WINDOW ELEVATION WHERE MULTIPLE GLAZINGS ARE SCHEDULED.
8. ALL EXTERIOR DOOR GLAZING TO BE TEMPERED, 1" INSULATED ASSEMBLIES WITH LOW - E COATING.
9. ALL INTERIOR DOOR GLAZING TO BE 1/4" TEMPERED GLASS UNLESS NOTED OTHERWISE.
10. ALL DOOR HARDWARE TO BE ADA AGGESSIBLE.
11. ALL WOOD TRIM TO BE WHITE OAK, FIELD STAIN.
12. CONTRACTOR TO VERIFY ALL EXISTING DOOR OPENINGS IN FIELD, ACCOUNT FOR BLOCKING & SHIMS.

ROOM NAME	DOOR #	DOOR SIZE WIDTH X HEIGHT	DOOR TYPE	DOOR MATL	FRAME TYPE	FRAME MATL	FRAME DEPTH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	HDW GROUP	GLAZING	DOOR & FRAME RATING	REMARKS
STAIR	501	+/- 3'-0" X 7'-0"	A	WD	4	WD	DD	3-5/8"	3-5/8"	3-5/8"	G	T/OB		EXISTING SALVAGED DOOR PROVIDED BY OWNER- SAND AND REMOVE FINISH, & PREP FOR NEW FINISH. APPLY NEW FINISH: 3-COATS VARNISH (SAND AFTER 1ST COAT) AND RE-GLAZE LITE(S)
STAIR	503	3'-0" X 6'-8"	F	HM	1	HM	BB	3-5/8"	3-5/8"	3-5/8"	A			GROUT FRAME SOLID, INSULATE DOOR
FIRE PUMP ROOM	504	3'-0" X 7'-0"	F	HM	1	HM	EE	3-5/8"	3-5/8"	3-5/8"	B		45 MIN	
MECHANICAL	505	(2) 3'-0" X 7'-0"	F	HM	1	HM	EE	3-5/8"	3-5/8"	3-5/8"	C			INSULATE DOORS AND FRAME
ENTRY	001	(2) 3'-0" X 7'-0"	K	HME	6	HME	BB	3-5/8"	3-5/8"	3-5/8"	D	T/IN		GROUT FRAME SOLID, INSULATE DOOR
HALL	003	3'-0" X 7'-0"	L	WD	4	WD	DD	3-5/8"	3-5/8"	3-5/8"	E		45 MIN	
ELEVATOR EQUIP.	003	3'-6" X 7'-0"	F	HM	1	HM	AA	1-5/8"	3-5/8"	3-5/8"	F		90 MIN	
HALL	005	3'-6" X 7'-0"	K	HME	2	HME	FF	3-5/8"	3-5/8"	3-5/8"	H	T/IN		GROUT FRAME SOLID, INSULATE DOOR
OFFICE	001	+/- 3'-0" X 7'-0"	A	WD	4	WD	DD	3-5/8"	3-5/8"	3-5/8"	M	T/OB		EXISTING SALVAGED DOOR - SAND AND REMOVE FINISH, & PREP FOR NEW FINISH. APPLY NEW FINISH: 3-COATS VARNISH (SAND AFTER 1ST COAT) AND RE-GLAZE LITE(S)
CUSTODIAL	010	3'-0" X 7'-0"	L	WD	4	WD	DD	3-5/8"	3-5/8"	3-5/8"	G			
OFFICE	012	+/- 3'-0" X 7'-0"	A	WD	4	WD	DD	3-5/8"	3-5/8"	3-5/8"	M	T/OB		EXISTING SALVAGED DOOR PROVIDED BY OWNER- SAND AND REMOVE FINISH, & PREP FOR NEW FINISH. APPLY NEW FINISH: 3-COATS VARNISH (SAND AFTER 1ST COAT) AND RE-GLAZE LITE(S)
OFFICE	013	+/- 3'-0" X 7'-0"	A	WD	4	WD	DD	3-5/8"	3-5/8"	3-5/8"	M	T/OB		EXISTING SALVAGED DOOR PROVIDED BY OWNER - SAND AND REMOVE FINISH, & PREP FOR NEW FINISH. APPLY NEW FINISH: 3-COATS VARNISH (SAND AFTER 1ST COAT) AND RE-GLAZE LITE(S)
OFFICE	011A	+/- 3'-0" X 7'-0"	A	WD	4	WD	DD	3-5/8"	3-5/8"	3-5/8"	M	T/OB		EXISTING SALVAGED DOOR PROVIDED BY OWNER - SAND AND REMOVE FINISH, & PREP FOR NEW FINISH. APPLY NEW FINISH: 3-COATS VARNISH (SAND AFTER 1ST COAT) AND RE-GLAZE LITE(S)
OFFICE	011B	+/- 3'-6" X 6'-10"	C	WD	4	WD	EXIST				L	T/IN		EXISTING SALVAGED DOOR PROVIDED BY OWNER - SAND AND REMOVE FINISH, & PREP FOR NEW FINISH. APPLY NEW FINISH: 3-COATS VARNISH (SAND AFTER 1ST COAT) AND RE-GLAZE LITE(S)
VESTIBULE	019	+/- 2'-6" X 6'-8"	D	WD	3	WD	EXIST				J	T		EXISTING SALVAGED DOOR PROVIDED BY OWNER - SAND AND REMOVE FINISH, & PREP FOR NEW FINISH. APPLY NEW FINISH: 2-COATS EXTERIOR PAINT, SEE FINISH PLANS
LOBBY	101	(2) 3'-0" X 7'-0"	L	WD	4	WD	DD	3-5/8"	3-5/8"	3-5/8"	K		45 MIN	
CURATOR'S OFFICE	102	+/- 3'-0" X 7'-0"	B	WD	3	WD	DD	3-5/8"	3-5/8"	3-5/8"	N	T/OB		EXISTING SALVAGED DOOR PROVIDED BY OWNER - SAND AND REMOVE FINISH, & PREP FOR NEW FINISH. APPLY NEW FINISH: 3-COATS VARNISH (SAND AFTER 1ST COAT) AND RE-GLAZE LITE(S)
STORAGE	105	2'-6" X 7'-0"	E	WD	3	WD	DD	3-5/8"	3-5/8"	3-5/8"	P			
STORAGE	107	2'-6" X 7'-0"	E	WD	3	WD	DD	3-5/8"	3-5/8"	3-5/8"	P			
HALL	110	3'-0" X 7'-0"	J	HME	5	HME	BB	3-5/8"	3-5/8"	3-5/8"	Q	T/IN		GROUT FRAME SOLID, INSULATE DOOR
HALL	201	(2) 3'-0" X 7'-0"	L	WD	4	WD	DD	3-5/8"	3-5/8"	3-5/8"	K		45 MIN	
BANQUET HALL	209	3'-0" X 7'-0"	J	HME	5	HME	BB	3-5/8"	3-5/8"	3-5/8"	Q	T/IN		GROUT FRAME SOLID, INSULATE DOOR

GENERAL NOTES

1. ALL DOOR HARDWARE TO BE COMMERCIAL HEAVY DUTY GRADE.
2. ALL DOOR HARDWARE TO BE OIL RUBBED BRONZE FINISH.
3. BRUSH TYPE WEATHERSTIPPING ONLY.
4. "MT" INDICATES ASSA ABLOY SARGENT, STUDIO COLLECTION, NOTTING HILL SERIES MT WITH CE ESCUTCHEON OR APPROVED EQUAL, SEE SPECIFICATIONS.

HARDWARE NOTES AND GROUPS

A. 3 BUTTS, 1 CLOSER, 1 THRESHOLD, WEATHER-STRIPPING, 1 SWEEP, 1 PANIC EXIT DEVICE, 1 KICK PLATE, SILENCERS, ENTRANCE LOCK (STANDARD LEVER TRIM)

B. 3 BUTTS, STOREROOM LOCK (STANDARD LEVER TRIM), 1 CLOSER, SMOKE SEAL, AUTOMATIC DOOR BOTTOM

C. 6 BUTTS, 2 CLOSERS, 2 JAMB-MOUNTED STOPS, SOUND SEALS, STOREROOM LOCK (STANDARD LEVER TRIM) ON ACTIVE LEAF, ASTRAGAL COORDINATOR, FLOOR SURFACE MOUNTED FLUSH BOLTS

D. 2 CLOSERS, 6 BUTTS, 1 THRESHOLD, WEATHER STRIPPING, 2 SWEEPS, 2 PANIC EXIT DEVICES, 2 DOOR PULLS, 2 RIM CYLINDER WITH THUMB TURN (BOTH DOORS AND ACTIVE LEAFS - INTERNAL/CONCEALED FLUSH BOLTS) AND 1" HIGH VINYL PRESS-ON LETTERS "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS"

E. 3 BUTTS, 1 PANIC EXIT DEVICE, 1 CLOSER, KICK PLATE, WALL STOP, SMOKE SEAL, SILENCERS, 1 ELECTRIC/MAGNETIC DOOR HOLD OPEN, 1 MORTISED AUTOMATIC DOOR BOTTOM

F. 3 BUTTS, 1 CLOSER, WALL STOP, SMOKE SEAL, STOREROOM LOCK (MT), SILENCERS, 1 SURFACE AUTOMATIC DOOR BOTTOM

G. 3 BUTTS, 1 CLOSER, STOREROOM LOCK (MT)

H. 4 BUTTS, 1 CLOSER, 1 THRESHOLD, WEATHER-STRIPPING, 1 SWEEP, 1 PANIC EXIT DEVICE, 1 KICK PLATE, 1 ENTRANCE LOCK (MT), SILENCER

J. 3 BUTTS, 1 STOREROOM LOCK

K. 3 BUTTS ON ACTIVE LEAF, 3- 180 DEGREE HINGES ON INACTIVE LEAF, 2 PANIC EXIT DEVICES, 2 CLOSERS, 2 KICK PLATES, SMOKE SEALS, CLASSROOM LOCK (MT), ASTRAGAL COORDINATOR, 2 ELECTRIC/MAGNETIC DOOR HOLD OPENS, 2 MORTISED AUTOMATIC DOOR BOTTOMS

L. 3 BUTTS, 1 STOREROOM LOCK (MT), SWEEPS, 1 JAMB-MOUNTED STOP, WEATHERSTRIPPING, THRESHOLD

M. 3 BUTTS, 1 CLOSER, 1 WALL STOP, 1 OFFICE LOCK (MT)

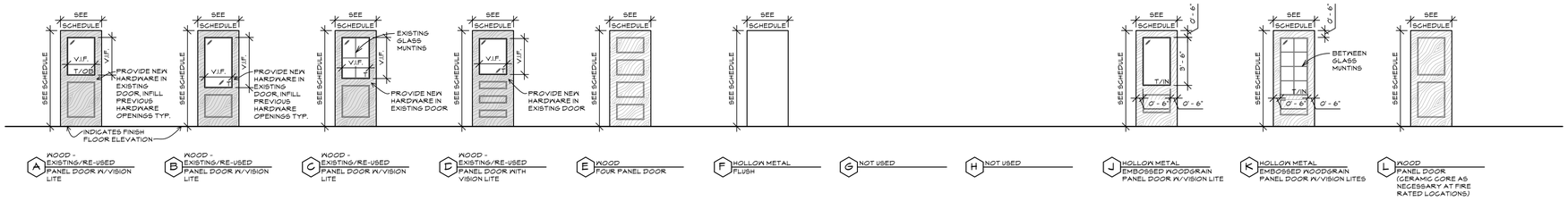
N. 3 BUTTS, 1 WALL STOP, 1 OFFICE LOCK (MT).

P. 3 BUTTS, 1 STOREROOM LOCK (MT)

Q. 3 BUTTS, 1 CLOSER, 1 THRESHOLD, WEATHER-STRIPPING, 1 SWEEP, 1 PANIC EXIT DEVICE, 1 KICK PLATE, 1 ENTRANCE LOCK (MT), SILENCER

DOOR TYPES

SCALE: 1/4" = 1' - 0"



A WOOD - EXISTING/RE-USED PANEL DOOR W/VISION LITE

B WOOD - EXISTING/RE-USED PANEL DOOR W/VISION LITE

C WOOD - EXISTING/RE-USED PANEL DOOR W/VISION LITE

D WOOD - EXISTING/RE-USED PANEL DOOR WITH VISION LITE

E WOOD FOUR PANEL DOOR

F HOLLOW METAL FLUSH

G NOT USED

H NOT USED

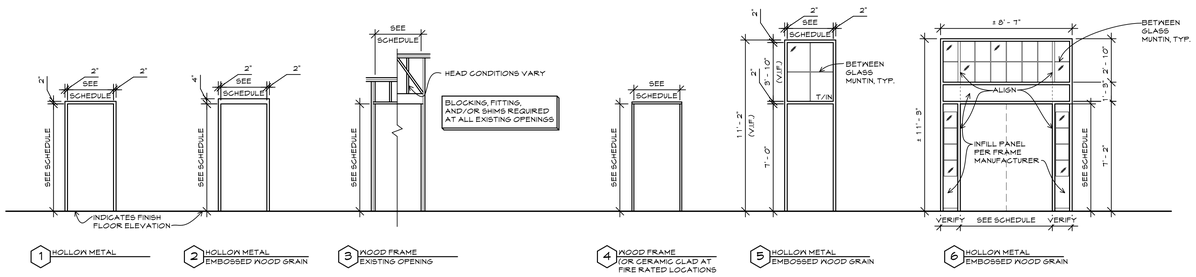
J HOLLOW METAL EMBOSSED WOODGRAIN PANEL DOOR W/VISION LITE

K HOLLOW METAL EMBOSSED WOODGRAIN PANEL DOOR W/VISION LITES

L WOOD PANEL DOOR (CERAMIC CORE AS NECESSARY AT FIRE RATED LOCATIONS)

FRAME TYPES

SCALE: 1/4" = 1' - 0"



1 HOLLOW METAL

2 HOLLOW METAL EMBOSSED WOOD GRAIN

3 WOOD FRAME EXISTING OPENING

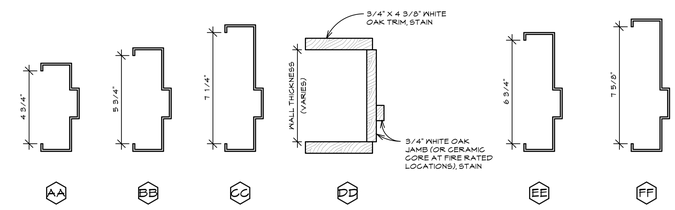
4 WOOD FRAME FOR CERAMIC CLAD AT FIRE RATED LOCATIONS

5 HOLLOW METAL EMBOSSED WOOD GRAIN

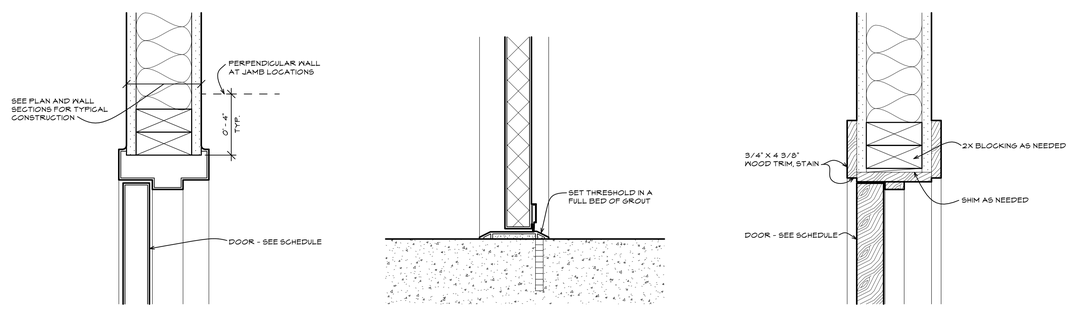
6 HOLLOW METAL EMBOSSED WOOD GRAIN

FRAME DEPTH

SCALE: 3" = 1' - 0"



AA BB CC DD EE FF



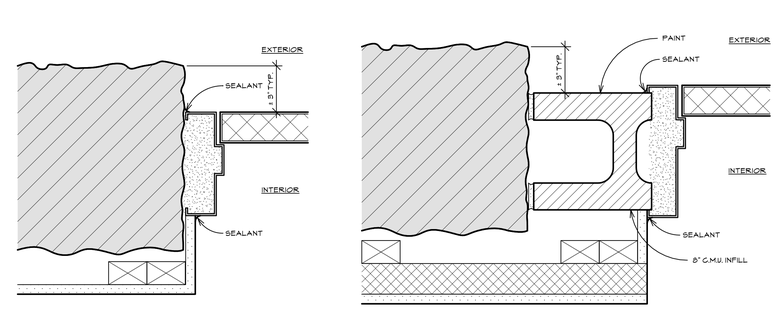
1 HOLLOW METAL HEAD
SCALE 3" = 1' - 0" (JAMB IS SIMILAR)

2 HOLLOW METAL THRESHOLD
SCALE 3" = 1' - 0" (JAMB IS SIMILAR)

3 WOOD HEAD
SCALE 3" = 1' - 0" (JAMB IS SIMILAR)

4 NOT USED
SCALE 3" = 1' - 0"

5 NOT USED
SCALE 3" = 1' - 0"



6 JAMB
SCALE 3" = 1' - 0" (HEAD IS SIMILAR)

7 JAMB
SCALE 3" = 1' - 0" (HEAD IS SIMILAR)

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

LICENSED ARCHITECT
JOHN E. MUNTON
E-1934
DATE 11-20-17
STATE OF WYOMING

Stateline No 7 ARCHITECTS
1 Cowper Way
P.O. Box 1251
Sundance, Wyoming 82729
307.283.2411
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE No. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

DATE
11-20-2017

DRAWN BY
KFOX

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
DOOR SCHEDULE, HARDWARE, ELEVATIONS & DETAILS

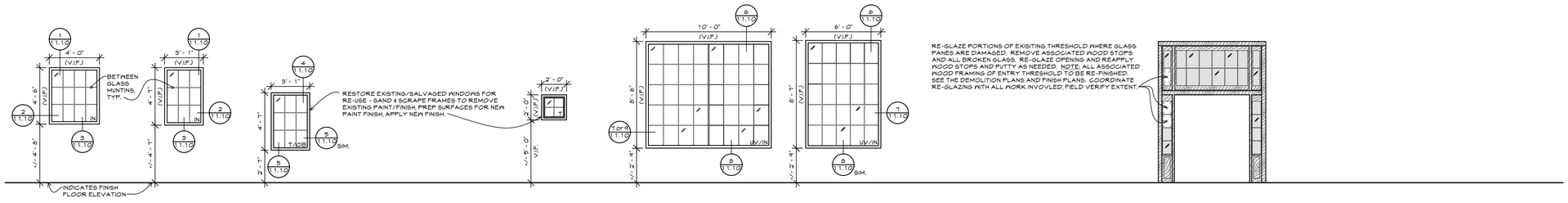
SHEET NUMBER
10.10

WINDOW ELEVATIONS

SCALE: 1/4" = 1' - 0"

WINDOW GENERAL NOTES

1. ALL WINDOW SIZES ARE TO FRAME OPENINGS OR EXISTING OPENINGS IN STONE WALL. GENERAL CONTRACTOR TO FIELD VERIFY ALL ROUGH OPENING SIZES AND COORDINATE WITH WINDOW MANUFACTURER. ACCOUNT FOR WOOD BLOCKING AND SHIMS.
2. EXTERIOR VIEW OF WINDOW IS SHOWN, TYPICAL.
3. IN = DUAL GLAZED, INSULATED GLASS, WITH LOW-E COATING (CARDINAL 272) ON SURFACE #2. INCLUDE LEAD GLASS OVERLAY ON THE EXTERIOR AND INTERIOR PANE. SPACER BARS TO BE ALUMINUM, BLACK FINISH, TYPICAL.
4. T = 1/4" TEMPERED GLASS.
5. SEE LEGEND ON DOOR SCHEDULE ON SHEET 1.0.1.0 FOR ADDITIONAL GLAZING TYPES.
6. V.I.F. = VERIFY IN FIELD.



A STEEL FRAME DYNAMIC WINDOWS - STEEL ARTE, NARROW LINE PROFILE

B STEEL FRAME DYNAMIC WINDOWS - STEEL ARTE, NARROW LINE PROFILE

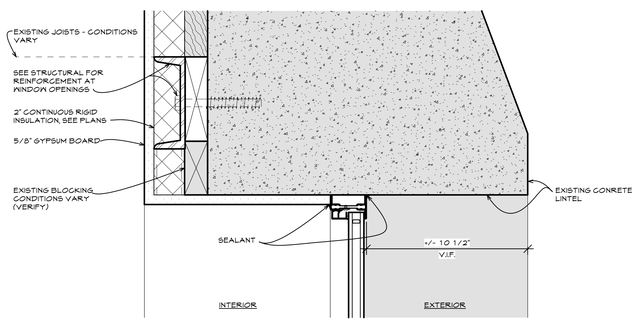
C SALVAGED STEEL FRAME RE-GLAZE

D EXISTING WOOD FRAME RE-GLAZE

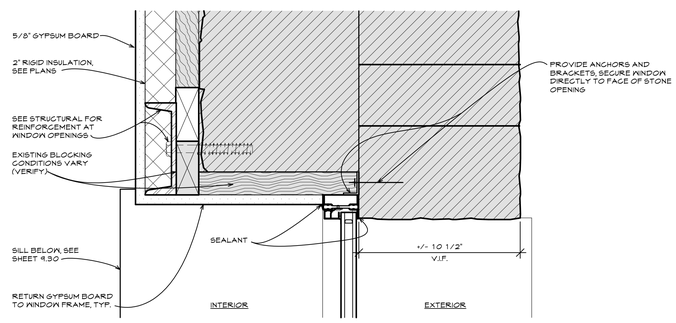
E STEEL FRAME DYNAMIC WINDOWS - STEEL ARTE, NARROW LINE PROFILE

F STEEL FRAME DYNAMIC WINDOWS - STEEL ARTE, NARROW LINE PROFILE

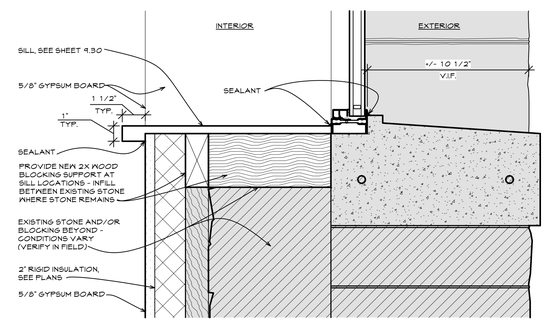
G EXISTING WOOD FRAME RE-GLAZE



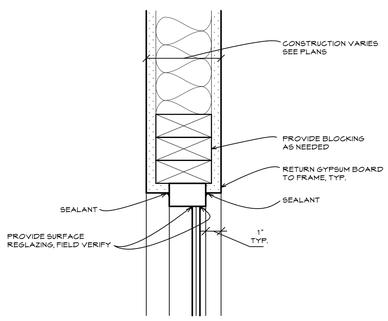
1 STEEL HEAD
SCALE 3" = 1' - 0"



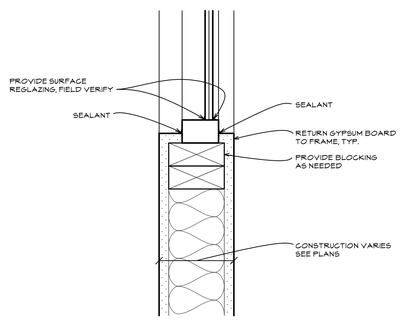
2 STEEL JAMB
SCALE 3" = 1' - 0"



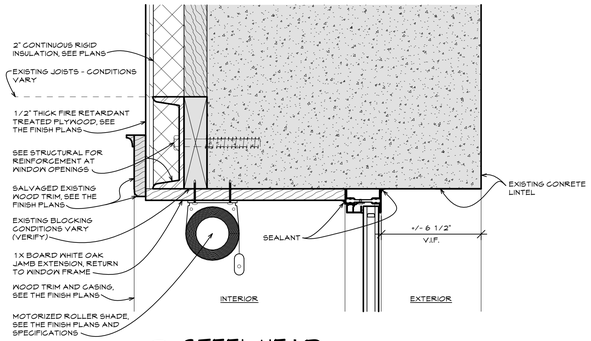
3 STEEL SILL
SCALE 3" = 1' - 0"



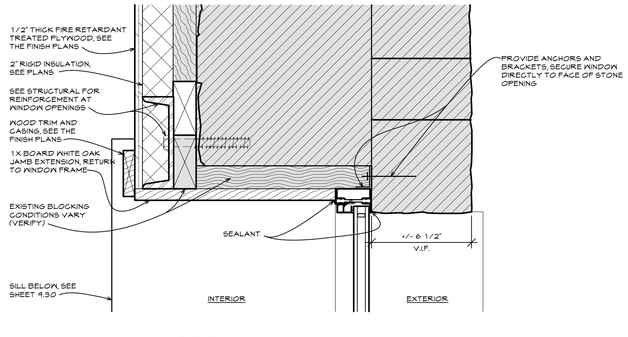
4 STEEL HEAD
SCALE 3" = 1' - 0" (JAMB IS SIMILAR)



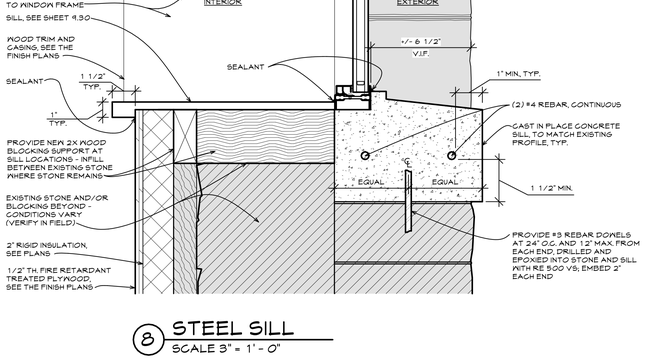
5 STEEL SILL
SCALE 3" = 1' - 0" (JAMB IS SIMILAR)



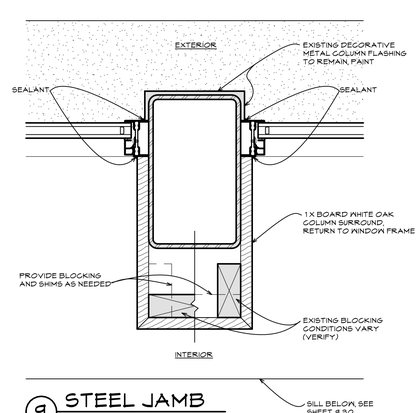
6 STEEL HEAD
SCALE 3" = 1' - 0"



7 STEEL JAMB
SCALE 3" = 1' - 0"



8 STEEL SILL
SCALE 3" = 1' - 0"



9 STEEL JAMB
SCALE 3" = 1' - 0"

LICENSED ARCHITECT
JAMES E. MUNTING
C-1934
DATE 11-20-17
STATE OF WYOMING

OLD STONEY REMODEL
PHASE ONE

108 NORTH 4TH STREET
SUNDANCE, WYOMING 82729

Stateline №7 ARCHITECTS
Cheyenne, WY 82001
307.632.5116
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE NO. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE NO. 7 ARCHITECTS. COPYRIGHT

PROJECT NUMBER
16-022

DATE
11-20-2017

DRAWN BY
KFOX

DISK ID.
16-022 Old Stoney/16-022_Old Stoney.rvt

SHEET TITLE
WINDOW ELEVATIONS & DETAILS

SHEET NUMBER
11.10

LOUVERS AND HOODS

MARK	MODEL NO.	SERVICE	CFM	THROAT SIZE	FREE AREA	VELOCITY FPM	SPD IN WC	TYPE	FRAME	MOUNTING HEIGHT	REMARKS
L-1	RUSKIN ELF6350DMP	INTAKE	20,656	114/60	30.9 SF	668	.05"	STATIONARY DRAINABLE	CHANNEL	SEE ARCH/ STRUCT	SEE (1-6) BELOW
L-2	RUSKIN ELF6350DMP	EXHAUST	20,656	114/60	30.9 SF	668	.05"	STATIONARY DRAINABLE	CHANNEL	SEE ARCH/ STRUCT	SEE (1-6) BELOW

1) BAKED ENAMEL FINISH (COLOR BY ARCHITECT) 2) FABRICATE 24" DEEP PLENUM WITH MD750A DUCTMATE MOISTURE DRAIN PIPED TO THE NEAREST FLOOR DRAIN WITH PVC 3) CONFIRM MOUNTING HEIGHT JUST BELOW STRUCTURE AS HIGH AS POSSIBLE 4) PROVIDE TAMCO 9000SC MOTORIZED DAMPERS WITH LOW-LEAK INSULATED PARALLEL BLADES AND THERMAL BREAK 5) SILL EXTENSION 6) INCLUDE TWO-POSITION 120V ACTUATORS FOR CONTROL WIRED BY EC

ENERGY RECOVERY VENTILATORS

MARK	MODEL NO.	SUPPLY FAN					RETURN FAN					CONTROLS		WT LBS	REMARKS
		CFM	ESP	HP	MCA	VOLTS	CFM	ESP	HP	MCA	VOLTS	MCA	VOLTS		
ERV-1	RENEWAIRE HE3XINV	2255	1.5"	5.0	35.9	208 3PH	2400	1.5"	5.0	35.9	208 3PH	4.0	120 1PH	750	SEE (1-7) BELOW
ERV-2	RENEWAIRE HE2XINH	1690	1.5"	2.0	15.0	208 3PH	1890	1.5"	2.0	15.0	208 3PH	4.0	120 1PH	450	SEE (1-7) BELOW ALTERNATE 1

1) SEE HEAT EXCHANGER SCHEDULE FOR PERFORMANCE INFORMATION 2) DOUBLE WALL INSULATED CONSTRUCTION 3) PROVIDE SUPPLY AND EXHAUST FILTER SECTION WITH 2" FILTERS 4) MOTORIZED ISOLATION DAMPERS ON BOTH AIR STREAMS 5) ONBOARD VFD BOTH AIRSTREAMS WITH HOA 6) 24V TRANSFORMER CONTROL RELAY 7) INTERLOCK OPERATION WITH CORRESPONDING HRU TO RUN UNIT IN THE OCCUPIED MODE.

AIR-TO-AIR HEAT EXCHANGERS

MARK	MODEL NO.	TYPE	SUPPLY (SUMMER)			EXHAUST (SUMMER)			SUPPLY (WINTER)			EXHAUST (WINTER)			REMARKS
			CFM	EAT	LAT	CFM	EAT	LAT	CFM	EAT	LAT	CFM	EAT	LAT	
ERV-1	RENEWAIRE Q5 = J	FIXED PLATE ENTHALPIC	2255	95°F	80°F	2400	75°F	-	2255	-20°F	44°F	2400	70°F	-	NONE
ERV-2	RENEWAIRE Q5 = J	FIXED PLATE ENTHALPIC	1690	95°F	80°F	1890	75°F	-	1690	-20°F	44°F	1890	70°F	-	ALTERNATE 1

VRV HEAT RECOVERY UNITS

4800 FT ELEVATION

MARK	MODEL NO.	NOMINAL SIZE	CONN RATIO	COOLING		HEATING		REFRIGERANT PIPING				ELECTRICAL			REMARKS
				EAT	SMBH	EAT	HMBH	TYPE	LIQ	SUC	HI/LO	MCA	VOLTS	RUN A	
HRU-1	DAIKIN REYQ168TTJU	14 TONS	126.8%	95° F	172.0	35° F	149.4	410A	3/4	1-1/8	7/8	61.9	208 3PH	41.8	SEE (1-6) BELOW
HRU-2	DAIKIN REYQ168TTJU	14 TONS	112.5%	95° F	164.8	35° F	147.8	410A	5/8	1-1/8	7/8	61.9	208 3PH	41.8	SEE (1-6) BELOW

1) INSTALL A SINGLE BLDG-WIDE CONTROL SYSTEM w/TOUCH MANAGER CENTRAL CONTROLLER, WEB BROWSER OPTION AND WAGIO IO MODULE FOR EACH ERV SCHEDULE CONTROL 2) SELECT HIGH STATIC FAN FOR DUCTED EXHAUST 3) UNITS REQUIRE SINGLE POINT ELECTRICAL CONNECTIONS 4) MODULATING INVERTER COMPRESSORS 5) AUTO CHANGE OVER 6) 10 YR PART WARRANTY ALL COMPONENTS OF THE SYSTEM

VRV FAN COIL UNITS

4800 FT ELEVATION

MARK	MODEL NO.	SYSTEM	UNIT CONFIG	FAN		COOLING			HEATING		PIPING		ELECTRICAL		OSA CFM	REMARKS
				SCFM	ESP	EDB	EWB	SMBH	EAT	HMBH	LIQ	GAS	MCA	VOLTS		
FC-1	DAIKIN FXMQ30PBVJU	HRU-1	CEILING CONCEALED	1100	0.55"	76° F	65° F	19.8	62° F	39.6	3/8"	5/8"	2.8	208 1PH	300	SEE (1-8) BELOW
FC-2	DAIKIN FXMQ15PBVJU	HRU-1	CEILING CONCEALED	635	0.55"	76° F	65° F	12.9	62° F	23.3	1/4"	1/2"	1.6	208 1PH	140	SEE (1-8) BELOW
FC-3	DAIKIN FXMQ15PBVJU	HRU-1	CEILING CONCEALED	635	0.55"	76° F	65° F	12.9	62° F	23.3	1/4"	1/2"	1.6	208 1PH	140	SEE (1-8) BELOW
FC-4	DAIKIN FXMQ15PBVJU	HRU-1	CEILING CONCEALED	635	0.55"	76° F	65° F	12.9	62° F	23.3	1/4"	1/2"	1.6	208 1PH	140	SEE (1-8) BELOW
FC-5	DAIKIN FXMQ15PBVJU	HRU-1	CEILING CONCEALED	635	0.55"	76° F	65° F	12.9	62° F	23.3	1/4"	1/2"	1.6	208 1PH	140	SEE (1-8) BELOW
FC-6	DAIKIN FXMQ12PBVJU	HRU-1	CEILING CONCEALED	450	0.55"	76° F	65° F	8.1	62° F	15.8	1/4"	1/2"	1.4	208 1PH	170	SEE (1-8) BELOW
FC-7	DAIKIN FXMQ24PBVJU	HRU-1	CEILING CONCEALED	690	0.55"	76° F	65° F	15.7	62° F	31.4	3/8"	5/8"	1.8	208 1PH	280	SEE (1-8) BELOW
FC-8	DAIKIN FXMQ24PBVJU	HRU-1	CEILING CONCEALED	690	0.55"	76° F	65° F	15.7	62° F	31.4	3/8"	5/8"	1.8	208 1PH	220	SEE (1-8) BELOW
FC-9	DAIKIN FXMQ24PBVJU	HRU-1	CEILING CONCEALED	690	0.55"	76° F	65° F	15.7	62° F	31.4	3/8"	5/8"	1.8	208 1PH	280	SEE (1-8) BELOW
FC-10	DAIKIN FXMQ24PBVJU	HRU-1	CEILING CONCEALED	690	0.55"	76° F	65° F	15.7	62° F	31.4	3/8"	5/8"	1.8	208 1PH	220	SEE (1-8) BELOW
FC-11	DAIKIN FXMQ12PBVJU	HRU-1	CEILING CONCEALED	450	0.55"	76° F	65° F	8.1	62° F	15.8	3/8"	5/8"	1.4	208 1PH	225	SEE (1-8) BELOW
FC-12	DAIKIN FXMQ48PBVJU	HRU-2	CEILING CONCEALED	1380	0.55"	76° F	65° F	30.1	62° F	62.9	3/8"	5/8"	3.4	208 1PH	520	SEE (1-8) BELOW ALTERNATE 1
FC-13	DAIKIN FXMQ15PBVJU	HRU-2	CEILING CONCEALED	560	0.55"	76° F	65° F	10.0	62° F	19.2	1/4"	1/2"	1.5	208 1PH	100	SEE (1-8) BELOW ALTERNATE 1
FC-14	DAIKIN FXMQ15PBVJU	HRU-2	CEILING CONCEALED	560	0.55"	76° F	65° F	10.0	62° F	19.2	1/4"	1/2"	1.5	208 1PH	100	SEE (1-8) BELOW ALTERNATE 1
FC-15	DAIKIN FXMQ24PBVJU	HRU-2	CEILING CONCEALED	690	0.55"	76° F	65° F	15.7	62° F	31.4	3/8"	5/8"	1.8	208 1PH	100	SEE (1-8) BELOW ALTERNATE 1
FC-16	DAIKIN FXMQ30PBVJU	HRU-2	CEILING CONCEALED	1100	0.55"	76° F	65° F	19.8	62° F	39.6	3/8"	5/8"	2.8	208 1PH	380	SEE (1-8) BELOW ALTERNATE 1
FC-17	DAIKIN FXMQ15PBVJU	HRU-2	CEILING CONCEALED	560	0.55"	76° F	65° F	10.0	62° F	19.2	1/4"	1/2"	1.5	208 1PH	100	SEE (1-8) BELOW ALTERNATE 1
FC-18	DAIKIN FXMQ12PBVJU	HRU-2	CEILING CONCEALED	450	0.55"	76° F	65° F	8.1	62° F	15.7	1/4"	1/2"	1.4	208 1PH	170	SEE (1-6) BELOW ALTERNATE 1
FC-19	DAIKIN FXMQ30PBVJU	HRU-2	CEILING CONCEALED	1100	0.55"	76° F	65° F	19.8	62° F	39.6	3/8"	5/8"	2.8	208 1PH	220	SEE (1-8) BELOW ALTERNATE 1

1) LISTED CAPACITIES DERATED 15% FOR 4800 FT ELEV 2) COORDINATE CONDENSATE PIPING WITH PLUMBING CONTRACTOR 3) BUILT-IN CONDENSATE PUMP 4) PIPE/PUMP CONDENSATE IN RIGID TUBING TO MECHANICAL ROOM FLOOR DRAIN, MOP BASIN, BRANCH TAIL PIECE, OR THE GROUND 5) 10-YEAR WARRANTY ON COMPRESSOR AND ALL PARTS 6) PROVIDE NAVIGATION STYLE REMOTE THERMOSTAT 7) INSTALL BRANCH SELECTOR BOXES WHERE SHOWN ON THE DRAWINGS 8) COORDINATE BRANCH SELECTOR BOX POWER REQUIREMENTS WITH THE EC

REFRIGERANT BRANCH SELECTOR BOXES

4800 FT ELEVATION

MARK	SYSTEM	HEAT PUMP(S)	MODEL NO.	CONNL COOLG MBH	CONNL HEATG MBH	VOLTS	MCA	REMARKS
BS-1	HRU-1	SUB-BASEMENT	DAIKIN BSQ36TVJ	22.2	31.4	208 1PH	0.1	BASE BID, FULL PORT BALL VALVES UP AND DOWN STREAM, SEE MFGR
BS-2	HRU-1	BASEMENT	DAIKIN BS60Q54TVJ	78.0	108.9	208 1PH	0.6	BASE BID, FULL PORT BALL VALVES UP AND DOWN STREAM, SEE MFGR
BS-3	HRU-1	1st FLOOR	DAIKIN BS60Q54TVJ	100.2	141.5	208 1PH	0.6	BASE BID, FULL PORT BALL VALVES UP AND DOWN STREAM, SEE MFGR
BS-4	HRU-2	2nd FLOOR	DAIKIN BS4Q54TVJ	100.3	140.9	208 1PH	0.4	ALTERNATE #1, FULL PORT BALL VALVES UP AND DOWN STREAM, SEE MFGR
BS-5	HRU-2	2nd FLOOR	DAIKIN BS4Q54TVJ	75.2	106.0	208 1PH	0.4	ALTERNATE #1, FULL PORT BALL VALVES UP AND DOWN STREAM, SEE MFGR

WASTE WATER PUMP

MARK	MODEL NO.	FLOW GPM	WPD FT HD	PUMP TYPE	FLUID MEDIA	MOTOR			PIPE SIZE		AREA SERVED	CONTROL	REMARKS
						HP	RPM	VOLTS	SUC	DIS			
SP-1	LIBERTY PUMPS SPAC-457	45	10	EFFLUENT	GREY WATER	1/2	-	120 1PH	-	2"	SUB BASEMENT	FLOAT SWITCH	SEE (1-5) BELOW

1) SUPPLY PRE-PACKAGED SYSTEM WITH VERTICAL MAGNETIC FLOAT AND 22" WIDE x 18" DEEP POLYETHYLENE PIT AND COVER 2) 3-YEAR WARRANTY 3) CHECK VALVE AND SHUT OFF VALVE BY MC 4) ADD EXTENSION RINGS AS REQ'D TO MAKE FLUSH WITH FINISH FLOOR 5) NIGHT EYE ALMA P1-EYE

EXHAUST FANS

MARK	MODEL NO.	AREA SERVED	BLOWER			DESCRIPTION		MOTOR		DAMPER	CONTROL	REMARKS
			ACFM	ESP	RPM	DRIVE	TYPE	HP	VOLTS			
EF-1	COOK GN-642	ELEVATOR ROOM	400	.25"	1500	DIRECT	INLINE	112W	120 1PH	BACK DRAFT	COOLING STAT	SEE (1-5) BELOW

1) SEAL ALL DUCT PENETRATIONS WITH A FIRE SAFE CAULK 2) PREWIRED FAN SPEED CONTROLLER 3) SUPPORT WITH VIBRATION ISOLATION 4) PREWIRED DISCONNECT 5) 120V COOLING STAT

PLUMBING FIXTURES

MARK	FIXTURE	MFGR, MODEL & DESCRIPTION	CONNECTIONS				MOUNTING HEIGHT
			CW	HW	DRAIN	VENT	
WC-1	FLOOR MOUNT STD WATER CLOSET	KOHLER WELLCOMME MODEL K-4350-96, FLOOR MOUNT, 14.75" RIM HT, TOP SPUD, BISQUE OPEN FRONT SEAT, SLOAN ROYAL MODEL 111 SFSM FLUSHOMETER, BATTERY POWERED, SENSOR OPERATED, INFRARED UNIT, 1.6 GPF.	1"	-	4"	2"	15" RIM HT
WC-2	FLOOR MOUNT ADA WATER CLOSET	KOHLER HIGHLINE MODEL K-4405-96, FLOOR MOUNT, 17.125" RIM HT, TOP SPUD, BISQUE OPEN FRONT SEAT, SLOAN ROYAL MODEL 111 SFSM FLUSHOMETER, BATTERY POWERED, SENSOR OPERATED, INFRARED UNIT, 1.6 GPF.	1"	-	4"	2"	17.0" RIM HT
UR-1	WALL MOUNT STD URINAL	KOHLER DARFIELD MODEL K-5024-T-96, WALL HUNG, TOP SPUD, BISQUE, WITH STRAINER. SLOAN ROYAL MODEL 186 SFSM FLUSHOMETER, BATTERY POWERED, SENSOR OPERATED, INFRARED UNIT, 1.0 GPF.	3/4"	-	2"	1-1/2"	24" RIM HT
UR-2	WALL MOUNT ADA URINAL	KOHLER DARFIELD MODEL K-5024-T-96, WALL HUNG, TOP SPUD, BISQUE, WITH STRAINER. SLOAN ROYAL MODEL 186 SFSM FLUSHOMETER, BATTERY POWERED, SENSOR OPERATED, INFRARED UNIT, 1.0 GPF.	3/4"	-	2"	1-1/2"	15" RIM HT
LV-1	DOUBLE SINK CONSOLES ADA LAVATORY	RENOVATOR SUPPLY, INC ITEM ID #12106 WHITE GRADE A VITREOUS CHINA CONSOLE DOUBLE SINK SPINDLE LEG, WALL MOUNT, 8" CENTERS, KOHLER (2) ARTIFACTS FAUCET AND HANDLES, POLISHED CHROME, MODEL K-72750 AND K-98968-9M, WITH DEARBORN BRASS LAVGUARD INSULATION KIT AND CHROME OFFSET GRID STRAINER.	1/2"	1/2"	2"	1-1/2"	34" RIM HT
LV-2	WALL MOUNT ADA LAVATORY	AMERICAN STANDARD LUCERNE MODEL 0355.012, WALL-HUNG, 4" CENTERS, WITH BACKSPLASH, DELTA FAUCET MODEL 22C-541, SINGLE LEVER CENTERSET, OFFSET GRID DRAIN, WITH TRUEBRO LAVGUARD INSULATION KIT.	1/2"	1/2"	2"	1-1/2"	PER ARCHITECT
DF-1	ADA WATER COOLER	ELKAY MODEL EZS8LBWSLK, ELECTRIC COOLER, TWO LEVEL, BARRIER FREE FRONT/SIDE TOUCH CONTROLS, BOTTLE FILLING STATION, INSTALL SERVICE VALVE BENEATH CABINET.	1/2"	-	2"	1-1/2"	31" RIM HT
LT-1	LAUNDRY TUB	FIAT MODEL FL-1, MOLDED STONE, SINGLE BASIN, STEEL ANGLE LEGS. FIAT FAUCET MODEL A-1, DECK TYPE, SOLIDS INTERCEPTOR Z1180	3/4"	3/4"	3"	1-1/2"	FLOOR
MB-1	MOP BASIN	FIAT MODEL MSB-2424, MOLDED STONE BASIN, DELTA FAUCET MODEL 29C2-383, WALL-MOUNT WITH INTEGRAL CHECK STOPS, VACUUM BREAKER, HOSE AND BRACKET.	3/4"	3/4"	3"	1-1/2"	FLOOR MOUNT

FIXTURES AND FAUCETS WHICH ARE EQUAL IN CONSTRUCTION, FUNCTION, PERFORMANCE, AND APPEARANCE WILL BE ACCEPTED AS EQUAL SHALL BE OF ONE MFGR UNLESS NOTED.
1) WALL MOUNT FIXTURES SHALL BE INSTALLED WITH FLOOR MOUNTED CONCEALED ARM TYPE CARRIER SUPPORTS WITHIN THE WALLS 2) EXPOSED ACCESSORIES SHALL INCLUDE CHROME PLATED BRASS P-TRAPS AND EXTENSIONS, QUARTER-TURN ANGLE STOPS, AND BRAIDED STAINLESS STEEL SUPPLIES 3) ALL WALL PENETRATIONS SHALL BE FINISHED WITH CHROME PLATED ESCUTCHEONS 4) COORDINATE RIM ELEVATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS AND REQUEST WRITTEN CLARIFICATION WHERE SPECIFICATIONS DIFFER

PLUMBING ACCESSORIES

MARK	FIXTURE	MFGR, MODEL & DESCRIPTION	CONNECTIONS				MOUNTING HEIGHT
			CW	HW	DRAIN	VENT	
FD	FLOOR DRAIN	JAY R SMITH SERIES 2005, ROUND TOP, WITH FLASHING COLLAR AND NICKEL BRONZE ADJUSTABLE STRAINER. PRECISE LOCATIONS AS PER ARCHITECT. (2" SIZE U.N.O.)	-	-	2"	1-1/2"	FLOOR
FS	FLOOR SINK	JAY R SMITH SERIES 3420, ACID RESISTANT COATED, 6" DEEP, 12" SQUARE TOP WITH 1/2 ARC GRATE. PRECISE LOCATIONS AS PER ARCHITECT. (3" SIZE U.N.O.)	-	-	3"	1-1/2"	FLOOR
WH	WALL HYDRANT	JAY R SMITH SERIES 5609QT, RECESSED, QUARTER-TURN, NON-FREEZE, WITH VACUUM BREAKER AND LOOSE KEY STOP, COLOR BY ARCHITECT	3/4"	-	-	-	EXISTING LOCATION
SS	SPRINKLER SUPPLY	WOODFORD MODEL 32, COMBINATION CASTING, FREEZELESS, WITH LOOSE KEY STOP, SLEEVE EXTERIOR WALL AND CAULK SEAL PENETRATION.	1"	-	-	-	12" AFG
FCO	FLOOR CLEAN-OUT	JAY R SMITH 4020 SERIES, ROUND ADJUSTABLE NICKEL BRONZE TOP.	-	-	LINE	-	FLOOR
WCO	WALL CLEAN-OUT	JAY R SMITH 4530 SERIES, NO-HUB TEE WITH STAINLESS STEEL COVER.	-	-	LINE	-	18" AFF
GCO	EXTERIOR CLEAN-OUT	JAY R SMITH 4220 SERIES, ROUND CONCRETE ENCASED CAST IRON COVER.	-	-	LINE	-	GRADE
HB	HOSE BIBB	JAY R SMITH SERIES 5673, WITH ANTI-SIPHON VACUUM BREAKER. SECURE FIRMLY WITHIN WALL OR EXPOSED ON WALL WITH UNI-STRUT.	3/4"	-	-	-	24" AFF
LV	TEMP LIMITING VALVE	POWERS E480 UNDER-LAV OR LM495 WITH LINE SIZE CONNECTIONS FOR GROUPS. ASSE 1070, LEAD-FREE, ALL SINKS AND LAVATORIES (SHOWN OR NOT) UNLESS NOTED OTHERWISE.	VARIES	VARIES	-	-	UNDER SINK
TS	TRAP SEAL	JAY R SMITH SERIES 2692, ASSE 1072, BARRIER TYPE, FLOOR DRAIN TRAP SEALER. ALL FLOOR DRAINS UNLESS NOTED OTHERWISE.	VARIES	VARIES	-	-	PER MFGR
SA	SHOCK ARRESTOR	PRECISION PLUMBING PRODUCTS SC SERIES, COPPER WITH BRASS PISTON, SIZED AND INSTALLED PER MFGR. PROVIDE ACCESS DOORS WHERE REQ'D.	VARIES	VARIES	-	-	PER MFGR
AC	APPLIANCE CONNECTION	GUV GREY MODEL MIB-1, WHITE POWDER COAT METAL BOX WITH BOTTOM OR TOP 1/4 TURN SERVICE STOP AS REQ'D. CONFIRM INSTALLATION HEIGHT.	1/2"	-	-	-	PER MFGR
AD	ACCESS DOOR	PRECISION PLUMBING PRODUCTS D OR F SERIES, PRIMED STEEL WITH CYLINDER LOCK. 12/12 MIN SIZE, FIRE-RATED WHERE REQ'D. GIVE TO GC FOR INSTALLATION IN WALLS OR CEILINGS FOR ACCESS TO DEVICES AS NEEDED (WHETHER SHOWN OR NOT).	-	-	-	-	FIELD LOCATE

1) ACCESSORIES OF SIMILAR SIZE, MATERIAL, CONSTRUCTION, AND PURPOSE AS MANUFACTURED BY SMITH, JOSAM, WADE, WATTS, ZURN, WOODFORD, AND OTHERS ARE ACCEPTABLE

ELECTRIC HEATERS

MARK	MODEL NO.	WATTS	TYPE	ACFM	RISE	STAGES	VOLTS	SIZE	CONTROL	MOUNTING HEIGHT	REMARKS
ERV-EH-1	RENEWAIRE EK-SERIES	10 kW	DUCT HEATER	2255	15° F	TWO	208 3PH	20/14	DUCT STAT	SUPPLY DUCT	SEE (1-5) BELOW
ERV-EH-2	RENEWAIRE EK-SERIES	8 kW	DUCT HEATER	1600	15° F	TWO	208 3PH	20/12	DUCT STAT	SUPPLY DUCT	SEE (1-5) BELOW ALTERNATE 1
UH-1	RAYWALL UH SERIES	30 kW	UNIT HEATER	1350	70° F	TWO	208 3PH	24/17	T-STAT	CEILING	SEE (5-9) BELOW
UH-2	RAYWALL UH SERIES	30 kW	UNIT HEATER	1350	70° F	TWO	208 3PH	24/17	T-STAT	CEILING	SEE (5-9) BELOW
UH-3	RAYWALL UH SERIES	30 kW	UNIT HEATER	1350	70° F	TWO	208 3PH	24/17	T-STAT	CEILING	SEE (5-9) BELOW
UH-4	RAYWALL UH SERIES	3300	UNIT HEATER	400	26° F	SINGLE	208 3PH	20/11	T-STAT	CEILING	SEE (5-9) BELOW
EH-3	RAYWALL AFA SERIES	2250	WALL HEATER	175	-	SINGLE	208 1PH	14/20	INTEGRAL STAT	12-IN AFF	SEE (10-13)(15) BELOW
EH-4	OUELLET ODI SERIES	1250	DRAFT BARRIER	-	-	SINGLE	208 1PH	8 FT	INTEGRAL STAT	FLOOR	SEE (13-18) BELOW

1) ENABLE OPERATION WITH ERV 2) MAINTAIN 35-IN NEC CLEARANCE AROUND CONTROL PANEL 3) TIME DELAY RELAY 4) DUCT THERMOSTAT WITH SENSOR TO 55°F 5) DISCONNECT SWITCH 6) 24 VOLT THERMOSTAT CONTROL BY EC 7) ADJUST LOUVER ASSEMBLY TOWARDS INTAKE LOUVER AND HRUs 8) FAN DELAY SWITCH 9) WALL / CEILING BRACKET 10) 18-GAUGE STEEL COVER 11) SEMI RECESSED FRAME 12) HIGH LIMIT SWITCH 13) BUILT-IN TAMPERPROOF THERMOSTAT 14) BOTTOM FRESH AIR INLET AND SQUARE PEDESTALS KIT 15) COLOR BY ARCHITECT 16) FLAT TOP 17) STAINLESS STEEL HEATING ELEMENTS 18) HIGH-LIMIT TEMPERATURE CONTROL FOR HIGH ALTITUDE

GRILLES, REGISTERS, AND DIFFUSERS

MARK	MODEL NO.	TYPE	THROW	FRAME	FINISH	MOUNT	DAMPER	REMARKS
S1	KRUEGER AF5880	SUPPLY REGISTER	4-WAY	ALUM	WHITE	SURFACE	OBDE	3/4" SPACING, DOUBLE DEFLECTION, VERTICAL FRONT BLADES, PAINT INSIDE OF SUPPLY DUCTS BLACK.
S3	KRUEGER SHRPLQ	CEILING DIFFUSER	4-WAY	ALUM	WHITE	SURFACE	NONE	24x24 SURFACE MOUNT PANEL, 1 SLOT, MUD RING
R1	KRUEGER AFC 585	RETURN GRILLE	N/A	ALUM	WHITE	SURFACE	NONE	3/4" SPACING AND 30° DEFLECTION, FILTER FRAME MOUNTING, 1/4 TURN FASTENER, 1" FILTERS, PAINT INSIDES OF RETURN DUCT BLACK
R2	KRUEGER EG10	RETURN GRILLE	N/A	ALUM	WHITE	T-BAR	NONE	FILTER FRAME MOUNTING, 1/4 TURN FASTENER, 1" FILTERS, PAINT INSIDES OF RETURN DUCT BLACK
E1	KRUEGER AFC 585	EXHAUST REGISTER	N/A	ALUM	WHITE	SURFACE	OBDE	3/4" SPACING AND 30° DEFLECTION, FILTER FRAME MOUNTING, 1/4 TURN FASTENER, 1" FILTERS, PAINT INSIDES OF RETURN DUCT BLACK
T1	KRUEGER AFC 585	TRANSFER GRILLE	N/A	ALUM	WHITE	SURFACE	OBDE	MOUNT DIRECTLY TO DUCT

BRANCH DUCT SIZES: 1) FULLSIZE PLENUM BOXES TO GRILLES AND REGISTERS 2) 50-125 CFM = 6"Ø 3) 125-250 CFM = 8"Ø 4) 250-400 CFM = 10"Ø 5) 400-650 CFM = 12"Ø

ELEVATOR PUMP

MARK	MODEL NO.	FLOW GPM	WPD FT HD	PUMP TYPE	FLUID MEDIA	MOTOR			PIPE SIZE		CONTROL	REMARKS
						HP	RPM	VOLTAGE	SUC	DIS		
EP-1	LIBERTY ELV-280	50	14	ELEVATOR SUMP	WASTE WATER	0.50	1750	120 1PH	N/A	1.5"	FLOAT SWITCH	SEE (1-4) BELOW

1) PRE-PACKAGED ELEVATOR SUMP PUMP SYSTEM WITH OILTECTOR CONTROL, VARIABLE LEVEL SWITCH, AND REMOTE ALARM WITH AUXILIARY CONTACTS 2) MOUNT CONTROL PANEL AND ALARM IN ADJACENT ROOM 3) COORDINATE LOCATION OF SUMP PIT AND COVER BY OTHERS 4) PIPE INDIRECT TO NEAREST FLOOR SINK.

GENERAL MECHANICAL NOTES

1. CONTRACTORS SHALL COMPLY WITH ALL STATE AND LOCAL CODES, REGULATIONS AND ORDINANCES.
2. MATERIALS SHALL CONFORM TO STANDARDS PRESCRIBED IN LOCALLY ADOPTED CODES AND BE APPROVED FOR USE BY THE AUTHORITY HAVING JURISDICTION.
3. EQUIPMENT SHALL BE LISTED, LABELED, AND INSTALLED IN ACCORDANCE WITH THE MFGR'S INSTALLATION INSTRUCTIONS.
4. SECURE AND PAY FOR ALL PERMITS, FEES, TAXES, INSPECTIONS, AND UTILITY COSTS. CONNECTIONS TO UTILITIES SHALL BE IN ACCORDANCE WITH THE LOCAL UTILITY.
5. CONTRACTORS ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK PRIOR TO FABRICATING MATERIALS.
6. DRAWINGS ARE DIAGRAMMATIC REPRESENTING GENERAL ARRANGEMENT OF THE WORK. ALL DIMENSIONS SHALL BE VERIFIED ON THE JOB SITE.
7. SCHEMATIC DIAGRAMS DENOTE EQUIPMENT RELATIONSHIPS ONLY. SEE FLOOR PLANS FOR MAJOR EQUIPMENT LOCATIONS.
8. CONTRACTORS SHALL BE RESPONSIBLE FOR EXACT FITTING COUNTS, LENGTH OF MATERIAL, OFFSETS REQUIRED, CLEARANCES, AND AN ORGANIZED FIELD INSTALLATION.
9. DUCT SIZES SHOWN AND NOTED ON THE DRAWINGS INDICATE CLEAR INSIDE DIMENSIONS UNLESS NOTED OTHERWISE.

Engineering Design Associates
Consulting Engineers
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS
1607 CY AVE, STE 303 * CASPER, WY 82604
Ph: 307-266-5033 * Fx: 307-234-3805
Email: Mail@EDAengineering.com

DESIGN CONDITIONS

4800 FT ELEVATION

SUNDANCE, WY	INSIDE	OUTSIDE
SUMMER	75° F	95° F
WINTER	70° F	-10° F

BLDG GAS LOAD:

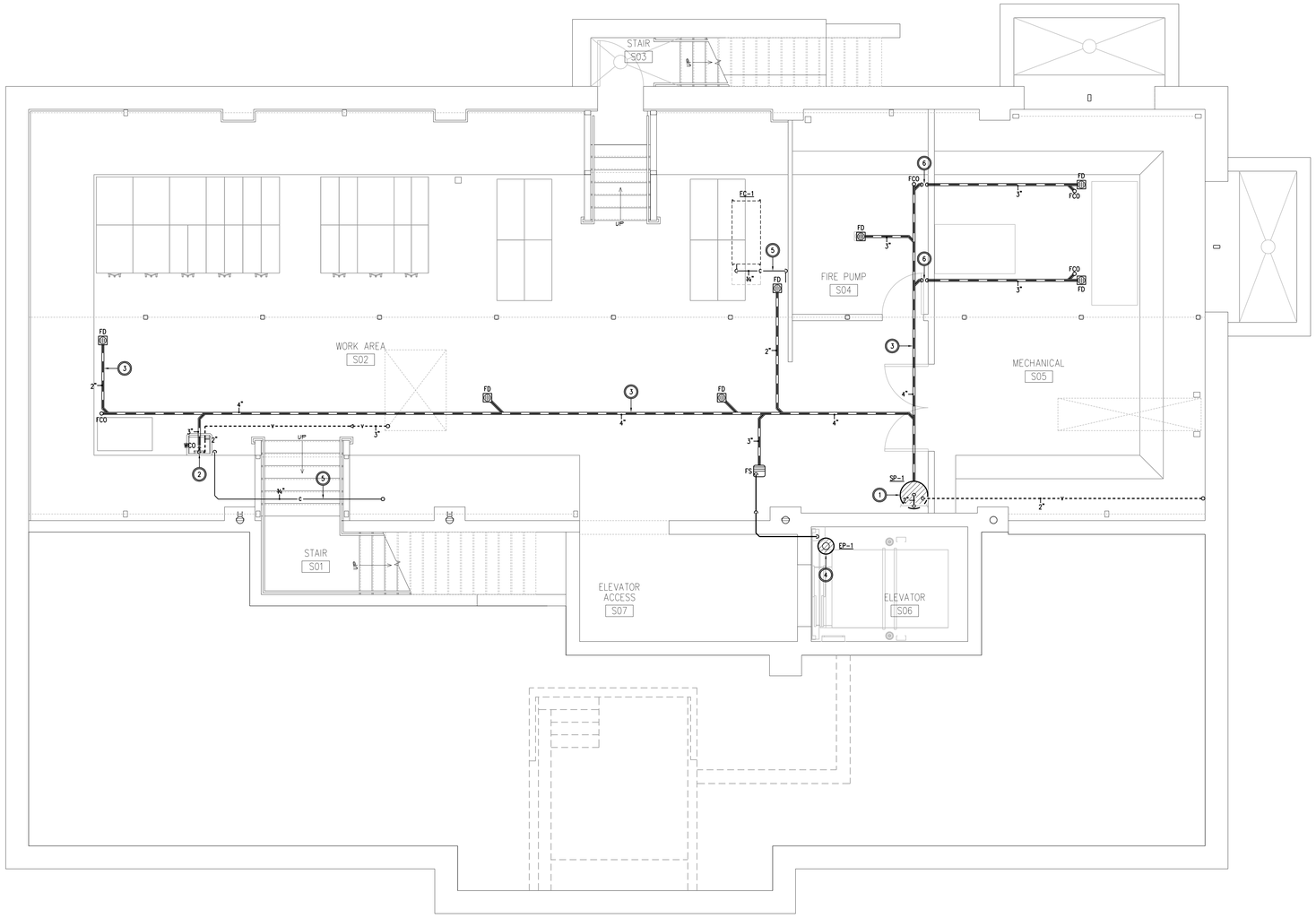
NOT APPLICABLE

PLUMBING / MECHANICAL ABBREVIATIONS

ABBR	IDENTIFICATION	ABBR	IDENTIFICATION	ABBR	IDENTIFICATION	ABBR	IDENTIFICATION
ABV	ABOVE	EA	EXHAUST AIR	IAQ	INDOOR AIR QUALITY	RH	RELATIVE HUMIDITY
ACH	AIR CHANGES PER HOUR	EAT	ENTERING AIR TEMP	LWT	LEAVING WATER TEMP	RPM	REVOLUTIONS PER MINUTE
AD	ACCESS DOOR	EER	ENERGY EFF RATING	MAT	MIXED AIR TEMP	RTU	ROOFTOP UNIT
ADJ	ADJUSTABLE	EFF	EFFICIENCY	MBH	THOUSAND BTU PER HOUR	SA	SUPPLY AIR
AFF	ABOVE FINISHED FLOOR	EC	ELECTRICAL CONTRACTOR	MFGR	MANUFACTURER	SAT	SUPPLY AIR TEMP
AFG	ABOVE FINISHED GRADE	EXTG	EXISTING	MC	MECHANICAL CONTRACTOR	SCFM	CFM AT SEA LEVEL
AHU	AIR HANDLING UNIT	ESP	EXTERNAL STATIC PRESS	MCA	MIN CIRCUIT AMPACITY	SMBH	SENSIBLE MBH
APD	AIR PRESSURE DROP	EWT	ENTERING WATER TEMP	MAX	MAXIMUM	STAT	THERMOSTAT
AV	AIR VENT	FLA	FULL LOAD AMPS	MIN	MINIMUM	STD	STANDARD
ACFM	CFM AT ALTITUDE	FLR	FLOOR	NA	NOT APPLICABLE	TBD	TO BE DETERMINED
BFC	BELOW FINISHED CEILING	FFE	FINISHED FLOOR ELEV	NC	NOISE CRITERIA	TEMP	TEMPERATURE
BLDG	BUILDING	FPI	FINS PER INCH	NIC	NOT IN CONTRACT	THRU	THROUGH
BLW	BELOW	FPM	FEET PER MINUTE	OA	OUTSIDE AIR	TSP	TOTAL STATIC PRESSURE
BTU	BRITISH THERMAL UNIT	GAL	GALLONS	OAT	OUTSIDE AIR TEMP	TYP	TYPICAL
BTUH	BTU PER HOUR	GC	GENERAL CONTRACTOR	OD	OUTSIDE DIAMETER	TD	TRANSFER DUCT
BTM	BOTTOM	GPH	GALLONS PER HOUR	PC	PLUMBING CONTRACTOR	UCD	UNDERCUT DOOR
CFM	CUBIC FEET PER MINUTE	GPM	GALLONS PER MINUTE	PSI	LBS PER SQUARE INCH	UNO	UNLESS NOTED OTHERWISE
CLG	CEILING	HMBH	HEATING MBH	PSIA	PSI ABSOLUTUE	VAV	VARIABLE AIR VOLUME
CTE	CONNECTION TO EXT'G	HT	HEIGHT	PSIG	PSI GUAGE	VSD	VARIABLE SPEED DRIVE
DDC	DIRECT DIGITAL CONTROL	ID	INSIDE DIAMETER	RA	RETURN AIR	WPD	WATER PRESSURE DROP
DIA	DIAMETER	LBS	POUNDS	REQ'D	REQUIRED	WT	WEIGHT
						WTR	WATER

PLUMBING / MECHANICAL LEGEND

| SYMBOL | IDENTIFICATION | SYMBOL | IDENTIFICATION | SYMBOL | IDEN



GENERAL NOTES

1. CONTRACTORS ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
2. INSTALL ALL PLUMBING PIPING WITHIN FRAMED WALLS UNLESS NOTED OTHERWISE. COORDINATE LOCATIONS AND REQUIREMENTS WITH OTHER TRADES PRIOR TO FABRICATION OF MATERIALS.
3. FLOOR DRAIN LOCATIONS ARE SHOWN APPROXIMATE. CONFIRM ALL LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN AND SET FINAL ELEVATION TO ACCOMMODATE SLOPING FLOORS.
4. COORDINATE ALL BELOW GROUND INSTALLATION WITH FOUNDATION WORK. PROVIDE SLEEVES OR BLOCK-OUTS WHERE REQ'D. CONSULT ARCHITECT PRIOR TO DISRUPTING ANY STRUCTURAL ELEMENTS.
5. ALL WASTE PIPING AND VENT PIPING SHALL BE CAST IRON. (UNO)
6. COORDINATE ALL FLOOR SINKS AND FLOOR DRAINS WITH EXISTING STRUCTURE AND FIELD LOCATE BETWEEN JOIST AS REQ'D TO NOT INTERFERE WITH THE EXISTING STRUCTURE.
7. PROVIDE RECTORSEAL MODEL SS3 SAFE-T-SWITCH HIGH WATER CONDENSATE ALARM TO SHUT FAN COIL UNIT OFF IN CONDENSATE LINE. INSTALL PER MFGR.

KEYED NOTES

1. INSTALL NEW WASTE WATER BASIN AND PUMP TO SERVE THE SUB-BASEMENT LEVEL SINKS AND FLOOR DRAINS. COORDINATE EXACT ELEVATION LEVEL OF THE BASIN WITH NEW WASTE PIPING. INSTALL NEW ISOLATION VALVE, CHECK VALVE, AND PUMP. CONNECT DISCHARGE PIPE ONTO WASTE PIPE ABOVE.
2. ROUTE EXPOSED 2" WASTE AND VENT PIPE BEHIND LAUNDRY TUB AS REQ'D. SECURE WITH UNI-STRUT AND CLAMPS. PROVIDE SOLIDS INTERCEPTOR NET TO THE SINK FOR THE DRAIN LINE FOR MAXIMUM ACCESSIBILITY. ROUTE CONDENSATE DRAIN INTO BRANCH TAIL PIECE UNDER THE SINK BEFORE THE INTERCEPTOR.
3. INSTALL UNDERGROUND PIPING AS SHOWN IN THE SUB-BASEMENT FLOOR. MAINTAIN 1/4" PER FT. SLOPE MINIMUM BACK TO SUMP PUMP.
4. EXTEND ELEVATOR SUMP PUMP DISCHARGE TO FLOOR SINK IN THE OTHER ROOM.
5. COMBINE CONDENSATE DRAINS UP AS HIGH AS POSSIBLE. SLOPE ACCORDINGLY TO BRACH TAIL PIECE OF FIXTURE AS SHOWN OR NEAREST FLOOR DRAIN.
6. PROVIDE A RUNNING TRAP CONFIGURATION FOR THE FLOOR DRAINS THAT SERVE THE MECHANICAL ROOM TO PROTECT THE P-TRAPS FROM FREEZING.

N
PLAN NORTH

SUB-BASEMENT FLOOR PLAN - WASTE & VENT

1/4" = 1'-0" | 01

Professional Engineer
ANDREW B. ELSTON
14262
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline №7 ARCHITECTS

Cameron Wy
307-283-6000
www.statelineA7.com

THESE DRAWINGS AND THE DESIGNS THEREIN ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. © COPYRIGHT

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

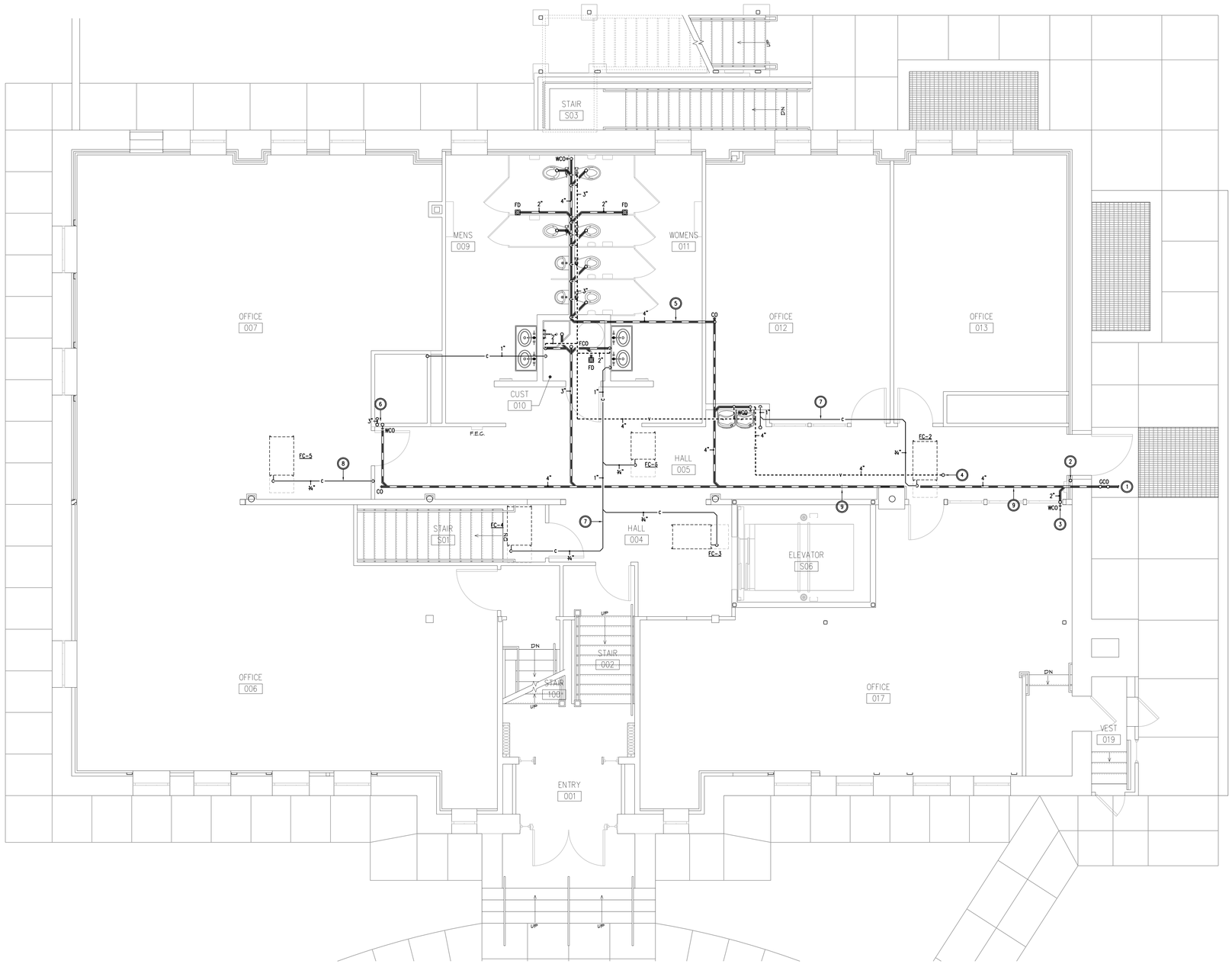
DATE
11/20/2017

DRAWN BY
AE/KRD

DISK ID.

SHEET TITLE
PHASE 1
SUB-BASEMENT
FLOOR PLAN -
WASTE & VENT

SHEET NUMBER
15.10



GENERAL NOTES

1. CONTRACTORS ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
2. INSTALL ALL PLUMBING PIPING WITHIN FRAMED WALLS UNLESS NOTED OTHERWISE. COORDINATE LOCATIONS AND REQUIREMENTS WITH OTHER TRADES PRIOR TO FABRICATION OF MATERIALS.
3. FLOOR DRAIN LOCATIONS ARE SHOWN APPROXIMATE. CONFIRM ALL LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN AND SET FINAL ELEVATION TO ACCOMMODATE SLOPING FLOORS.
4. COORDINATE ALL BELOW GROUND INSTALLATION WITH FOUNDATION WORK. PROVIDE SLEEVES OR BLOCK-OUTS WHERE REQ'D. CONSULT ARCHITECT PRIOR TO DISRUPTING ANY STRUCTURAL ELEMENTS.
5. ALL WASTE PIPING AND VENT PIPING SHALL BE CAST IRON, (UNO)
6. COORDINATE ALL FLOOR SINKS AND FLOOR DRAINS WITH EXISTING STRUCTURE AND FIELD LOCATE BETWEEN JOIST AS REQ'D TO NOT INTERFERE WITH THE EXISTING STRUCTURE.
7. PROVIDE RECTORSEAL MODEL SS2 SAFE-T-SWITCH HIGH WATER CONDENSATE ALARM TO SHUT FAN COIL UNIT OFF IN CONDENSATE LINE, INSTALL PER MFGR.

KEYED NOTES

1. BUILDING WASTE INVERT IS APPROXIMATELY 3'-0" BELOW THE BASEMENT FLOOR LEVEL PROVIDE A SLEEVE AND LINK SEAL THRU THE FOUNDATION WALL EXITING THE BUILDING. SLOPE ALL DRAINS AT 1/4" PER FT. MINIMUM. COORDINATE LOCATION WITH CIVIL DRAWINGS.
2. OFFSET AND EXTEND 2" SANITARY VENT PIPING UP IN WALL FRAMING. SEE FIRST FLOOR AND SUB-BASEMENT PLANS FOR CONTINUATION.
3. OFFSET AND EXTEND 2" SANITARY WASTE PIPING UP IN WALL FRAMING. SEE FIRST FLOOR AND SUB-BASEMENT PLANS FOR CONTINUATION.
4. OFFSET AND EXTEND 4" SANITARY VENT LINE UP IN CHASE. SEE FIRST FLOOR AND SUB-BASEMENT PLANS FOR CONTINUATION.
5. ROUTE PIPING IN SUB-BASEMENT ALONG THIS BEAM TO PROVIDE MAXIMUM HEAD HEIGHT AND WORKING SPACE.
6. INSTALL 2" SANITARY VENT LINE AND 4" SANITARY WASTE LINE UP IN WALL FRAMING AND OR CHASE AS REQ'D. SEE FIRST FLOOR AND SUB-BASEMENT PLANS FOR CONTINUATION.
7. COMBINE CONDENSATE DRAINS IN THE CEILING SPACE AND SLOPE ACCORDINGLY TO BRANCH TAIL PIECE OF FIXTURE AS SHOWN.
8. COMBINE CONDENSATE DRAINS AS HIGH AS POSSIBLE UP IN THE CEILING SPACE AND SLOPE ACCORDINGLY TO THE SUB-BASEMENT LEVEL. SEE SUB-BASEMENT PLANS FOR CONTINUATION.
9. INSTALL INSULATION ON THE MAIN SANITARY SEWER LINE THRU THE ENTIRE MECHANICAL ROOM TO PROTECT AGAINST THE TEMPERATURE OF THE ROOM.

Professional Engineer
ANDREW B. ELSTON
14282
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7
ARCHITECTS
444 South Center Street
Casper, Wyoming
307.237.5171
www.statelineno7.com

THESE DRAWINGS AND THE DESIGNS THEREIN ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE NO. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN FORM OR PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE NO. 7 ARCHITECTS.
© COPYRIGHT 2016

Engineering Design Associates
Consulting Engineers
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

DATE
11/20/2017

DRAWN BY
AE/KRD

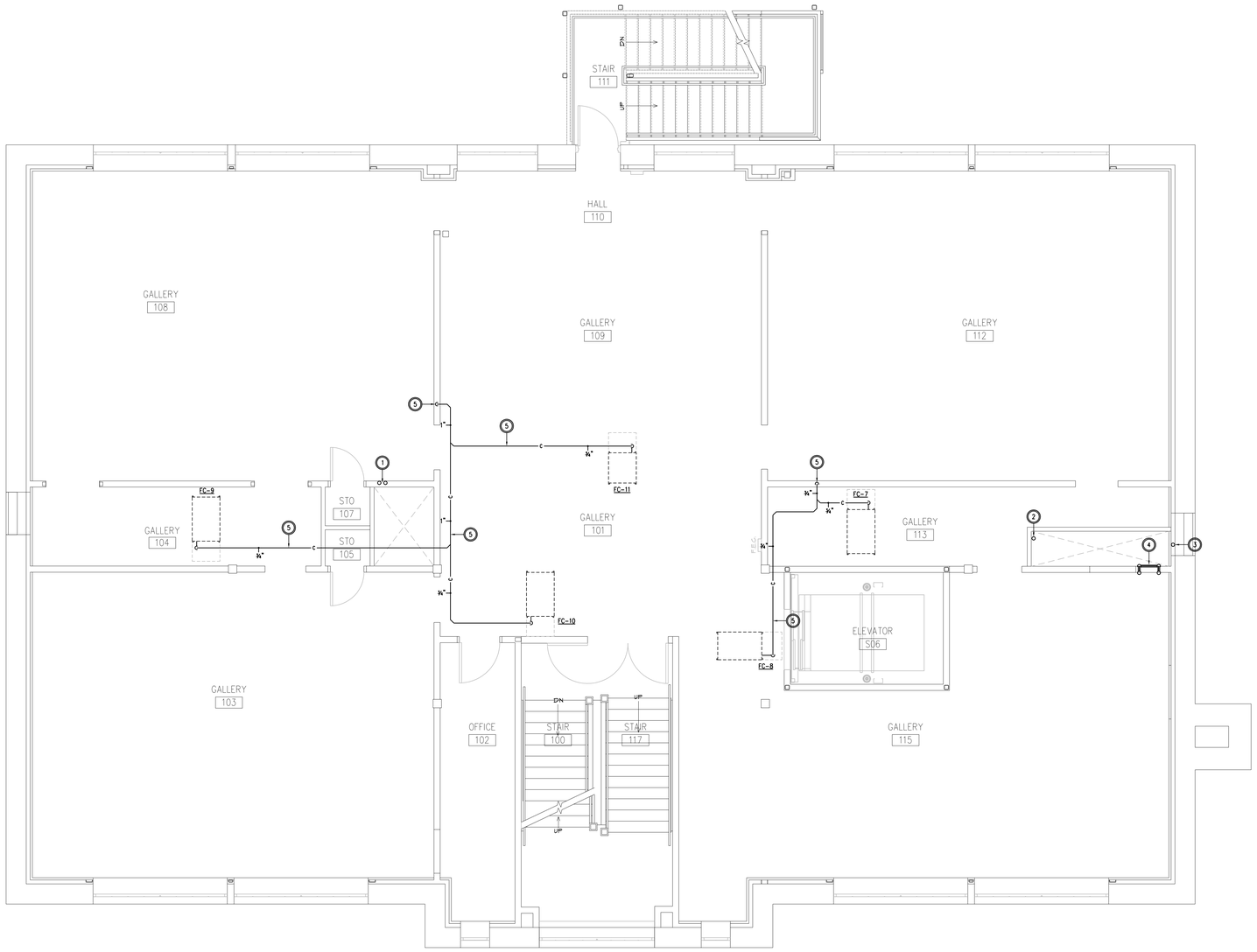
DISK ID.

SHEET TITLE
PHASE 1
BASEMENT
FLOOR PLAN -
WASTE & VENT

SHEET NUMBER
15.11

BASEMENT FLOOR PLAN - WASTE & VENT

1/4" = 1'-0" | 01



GENERAL NOTES

1. CONTRACTORS ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
2. INSTALL ALL PLUMBING PIPING WITHIN FRAMED WALLS UNLESS NOTED OTHERWISE. COORDINATE LOCATIONS AND REQUIREMENTS WITH OTHER TRADES PRIOR TO FABRICATION OF MATERIALS.
3. FLOOR DRAIN LOCATIONS ARE SHOWN APPROXIMATE. CONFIRM ALL LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN AND SET FINAL ELEVATION TO ACCOMMODATE SLOPING FLOORS.
4. COORDINATE ALL BELOW GROUND INSTALLATION WITH FOUNDATION WORK. PROVIDE SLEEVES OR BLOCK-OUTS WHERE REQ'D. CONSULT ARCHITECT PRIOR TO DISRUPTING ANY STRUCTURAL ELEMENTS.
5. ALL WASTE PIPING AND VENT PIPING SHALL BE CAST IRON. (UNO)
6. COORDINATE ALL FLOOR SINKS AND FLOOR DRAINS WITH EXISTING STRUCTURE AND FIELD LOCATE BETWEEN JOIST AS REQ'D TO NOT INTERFERE WITH THE EXISTING STRUCTURE.
7. PROVIDE RECTORSEAL MODEL SS3 SAFE-T-SWITCH HIGH WATER CONDENSATE ALARM TO SHUT FAN COIL UNIT OFF IN CONDENSATE LINE. INSTALL PER MFGR.

KEYED NOTES

1. INSTALL 2" SANITARY VENT LINE AND 4" SANITARY WASTE LINE UP IN WALL FRAMING AND OR CHASE AS REQ'D. SEE SECOND FLOOR AND BASEMENT PLANS FOR CONTINUATION.
2. OFFSET AND EXTEND 4" SANITARY VENT LINE UP IN CHASE. SEE SECOND FLOOR AND BASEMENT PLANS FOR CONTINUATION.
3. OFFSET AND EXTEND 2" SANITARY VENT PIPING UP IN WALL FRAMING. SEE SECOND FLOOR AND BASEMENT PLANS FOR CONTINUATION.
4. OFFSET 2" STACK FROM BELOW INTO 2x2" STACKS IN WALL FRAMING AS SHOWN FOR FUTURE KITCHEN EQUIPMENT ABOVE. SEE SECOND FLOOR AND BASEMENT PLANS FOR CONTINUATION.
5. COMBINE CONDENSATE DRAINS AS HIGH AS POSSIBLE UP IN THE CEILING SPACE AND SLOPE ACCORDINGLY TO THE BASEMENT LEVEL. SEE BASEMENT PLANS FOR CONTINUATION.

N
PLAN NORTH

FIRST FLOOR PLAN - WASTE & VENT

1/4" = 1'-0" | 01

Professional Engineer
ANDREW B. ELSTON
14282
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7
ARCHITECTS

1 Cowper Way
Sundance, WY 82729
www.statelinearch.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. ARCHITECTS. COPYRIGHT

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

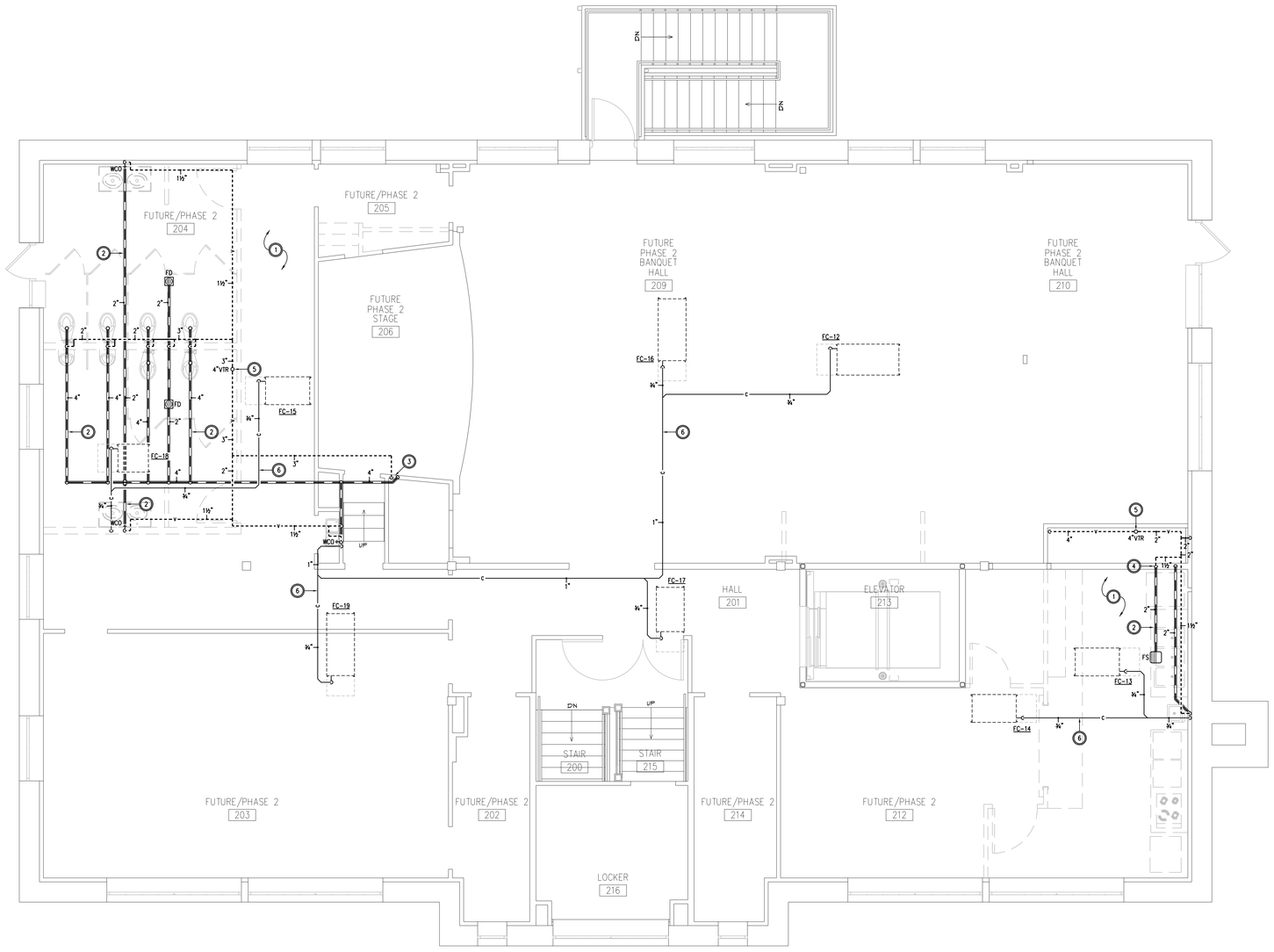
DATE
11/20/2017

DRAWN BY
AE/KRD

DISK ID.

SHEET TITLE
PHASE 1
FIRST
FLOOR PLAN -
WASTE & VENT

SHEET NUMBER
15.12



GENERAL NOTES

1. CONTRACTORS ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
2. INSTALL ALL PLUMBING PIPING WITHIN FRAMED WALLS UNLESS NOTED OTHERWISE. COORDINATE LOCATIONS AND REQUIREMENTS WITH OTHER TRADES PRIOR TO FABRICATION OF MATERIALS.
3. FLOOR DRAIN LOCATIONS ARE SHOWN APPROXIMATE. CONFIRM ALL LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN AND SET FINAL ELEVATION TO ACCOMMODATE SLOPING FLOORS.
4. COORDINATE ALL BELOW GROUND INSTALLATION WITH FOUNDATION WORK. PROVIDE SLEEVES OR BLOCK-OUTS WHERE REQ'D. CONSULT ARCHITECT PRIOR TO DISRUPTING ANY STRUCTURAL ELEMENTS.
5. ALL WASTE PIPING AND VENT PIPING SHALL BE CAST IRON. (UNO)
6. COORDINATE ALL FLOOR SINKS AND FLOOR DRAINS WITH EXISTING STRUCTURE AND FIELD LOCATE BETWEEN JOIST AS REQ'D TO NOT INTERFERE WITH THE EXISTING STRUCTURE..
7. ALL PLUMBING ON THIS LEVEL TO BE ROUGHED-IN ONLY (BASE BID). FIXTURE LABELS SHOWN FOR ROUGH-IN SIZING ONLY. TRIM OUT TO BE ALTERNATE #1.
8. PROVIDE RECTORSEAL MODEL SS2 SAFE-T-SWITCH HIGH WATER CONDENSATE ALARM TO SHUT FAN COIL UNIT OFF IN CONDENSATE LINE. INSTALL PER MFGR.

KEYED NOTES

1. VERIFY JOIST LAYOUT PRIOR TO DRILLING ANY HOLES FOR PLUMBING ROUGH-IN AND WALL LOCATIONS.
2. INSTALL ALL WASTE PIPING WITHIN JOIST SPACING. MAINTAIN MINIMUM SLOPE ON PIPE BACK TO MAINS. (TYPICAL)
3. INSTALL 2" SANITARY VENT LINE AND 4" SANITARY WASTE LINE UP IN CHASE TO SERVE THIS LEVEL.
4. INSTALL 2" SANITARY WASTE LINE UP IN WALL CAVITY TO SERVE THIS LEVEL.
5. COMBINE VENTS IN THE ATTIC SPACE AS SHOWN EXTEND 4" SANITARY VENT UP THRU ROOF.
6. COMBINE CONDENSATE DRAINS IN THE ATTIC SPACE AND SLOPE ACCORDINGLY TO BRANCH TAIL PIECE OF FIXTURE AS SHOWN. PROTECT CONDENSATE LINES FROM FREEZING IN THE ATTIC WITH INSULATION.

Professional Engineer
ANDREW B. ELSTON
14282
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7 ARCHITECTS
Cowley, WY
www.statelinei7.com

THESE DRAWINGS AND THE DESIGNS THEREIN ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS.
COPYRIGHT 2017

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

DATE
11/20/2017

DRAWN BY
AE/KRD

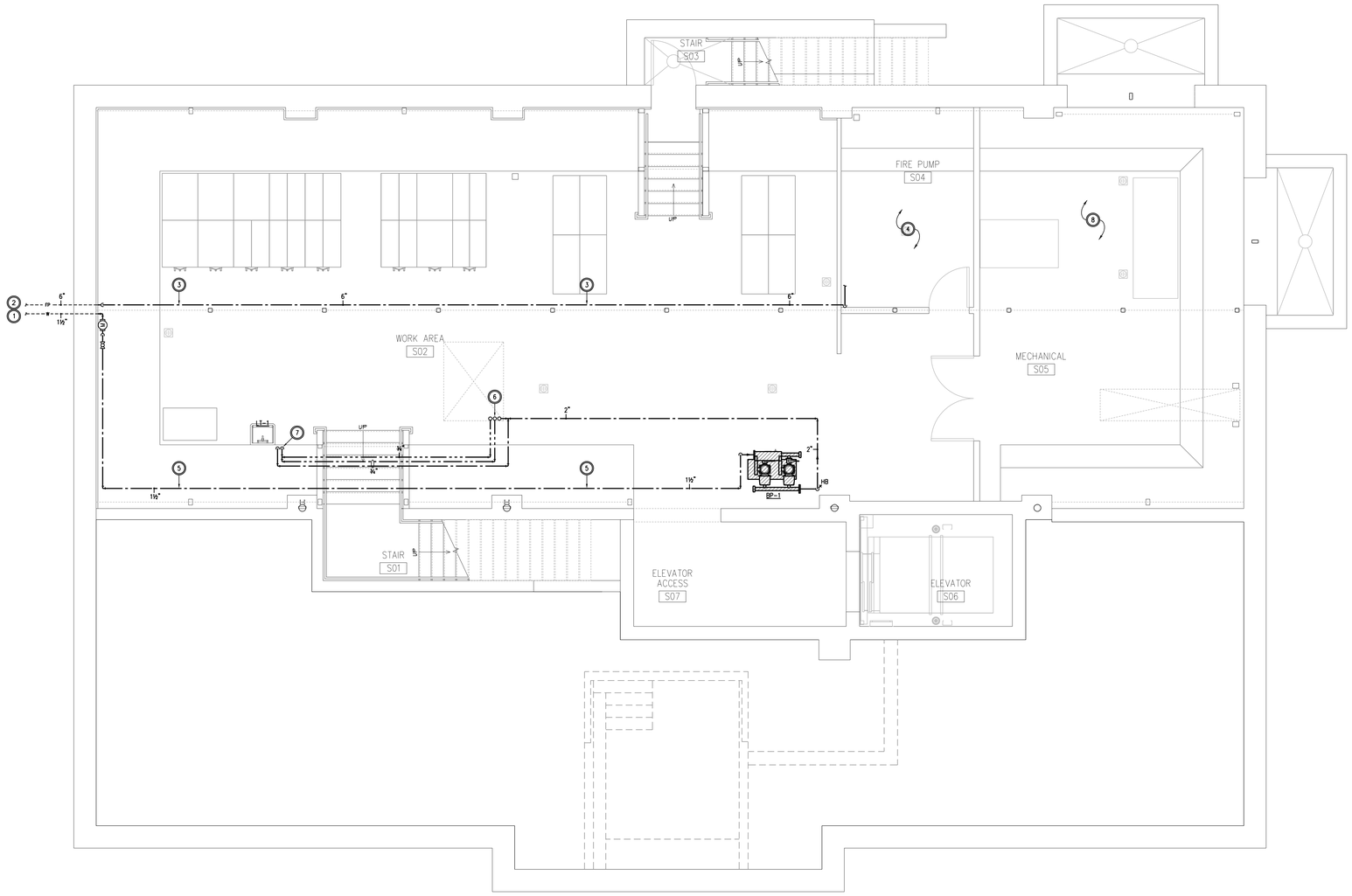
DISK ID.

SHEET TITLE
PHASE 1
SECOND
FLOOR PLAN -
WASTE & VENT

SHEET NUMBER
15.13

SECOND FLOOR PLAN - WASTE & VENT

1/4" = 1'-0" | 01



GENERAL NOTES

1. CONTRACTORS ARE TO EXAMINE THIS SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
2. INSTALL ALL PLUMBING WITHIN FRAMED WALLS, CHASES, OR TIGHT TO STRUCTURE UNLESS NOTED OTHERWISE, NO WATER PIPING SHALL BE INSTALLED IN THE ATTIC SPACE.
3. COORDINATE LOCATIONS AND REQUIREMENTS WITH OTHER TRADES PRIOR TO FABRICATION OF MATERIALS. PLAN OFFSETS AS REQ'D TO AVOID CONFLICTS WITH DUCTWORK AND STRUCTURE.

KEYED NOTES

1. INSTALL NEW 1-1/2" DOMESTIC WATER SERVICE FROM THE STREET MIN 7FT DEEP. COORDINATE EXACT MATERIAL AND LOCATION WITH CIVIL. NEW WATER LINE SHALL ENTER THE BUILDING JUST ABOVE THE EXISTING WALL FOOTER. PROVIDE A LINK SEAL AROUND WALL PENETRATION.
2. INSTALL NEW 6" FIRE PROTECTION WATER SERVICE FROM THE STREET MIN 7FT DEEP. COORDINATE EXACT MATERIAL AND LOCATION WITH CIVIL. NEW WATER LINE SHALL ENTER THE BUILDING JUST ABOVE THE EXISTING WALL FOOTER. PROVIDE A LINK SEAL AROUND WALL PENETRATION.
3. OFFSET AND ROUTE 6" FIRE PROTECTION LINE UP . LOCATE PIPING HIGH AND TIGHT TO THE CEILING AND THE BEAM OVER TO THE FIRE PUMP ROOM.
4. SEE FIRE PROTECTION SPECS FOR THE ROOM LAYOUT AND INSTALLATION. ALL WALL IN THIS ROOM HAVE A 1-HOUR RATING.
5. ROUTE 1-1/2" CW DOMESTIC LINE FROM THE WATER METER HIGH AND TIGHT AROUND THE PERIMETER OF THE ROOM TO THE BOOSTER PUMP AS SHOWN.
6. ROUTE DOMESTIC WATER LINES UP IN 2-HOUR CHASE TO SERVE THE REST OF THE BUILDING. SEAL PENETRATION AS REQ'D. SEE BASEMENT SHEET FOR CONTINUATION.
7. INSTALL 3/4" HW AND CW DOMESTIC WATER LINES DOWN TO LAUNDRY SINK EXPOSED. SUPPORT WITH UNI-STRUT AND CLAMPS AS REQ'D.
8. DO NOT INSTALL DOMESTIC WATER OF ANY KIND IN THIS ROOM.

SUB-BASEMENT FLOOR PLAN - DOMESTIC PIPING

1/4" = 1'-0" | 01

Professional Engineer
ANDREW B. ELSTON
14282
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7
ARCHITECTS

1 Cowper Way
Sundance, WY 82729
www.statelinearchitects.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS. REPRODUCTION OF THESE DRAWINGS IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE ARCHITECTS, COPYRIGHT 2017.

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

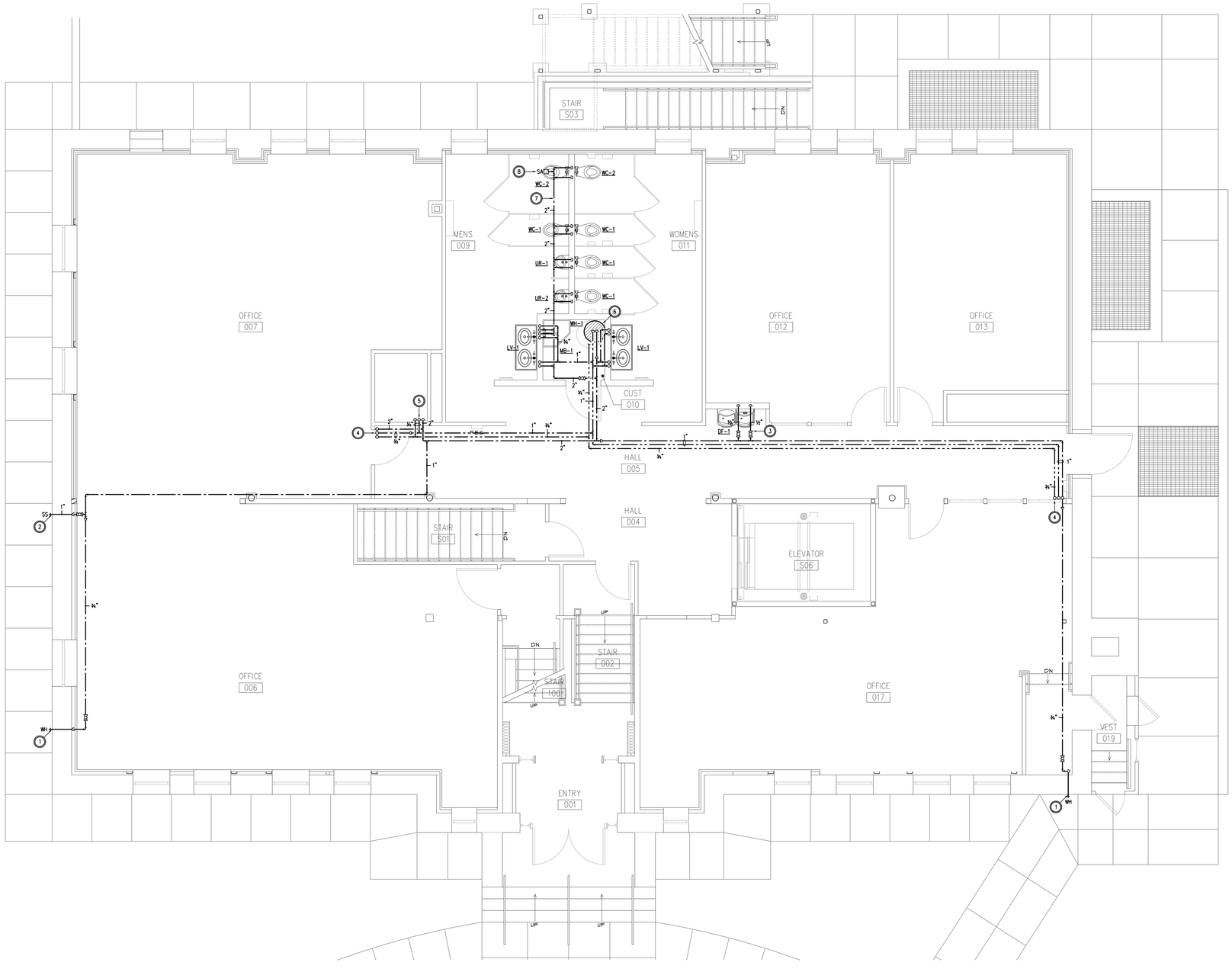
DATE
11/20/2017

DRAWN BY
AE/KRD

DISK ID.

SHEET TITLE
PHASE 1
SUB-BASEMENT
FLOOR PLAN -
DOMESTIC PIPING

SHEET NUMBER
15.20



GENERAL NOTES

1. CONTRACTORS ARE TO EXAMINE THIS SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
2. INSTALL ALL PLUMBING WITHIN FRAMED WALLS, CHASES, OR TIGHT TO STRUCTURE UNLESS NOTED OTHERWISE. NO WATER PIPING UP IN THE ATTIC SPACE.
3. COORDINATE LOCATIONS AND REQUIREMENTS WITH OTHER TRADES PRIOR TO FABRICATION OF MATERIALS. PLAN OFFSETS AS REQ'D TO AVOID CONFLICTS WITH DUCTWORK AND STRUCTURE.
4. PROVIDE FIRE CAULKING AS REQ'D AROUND ALL PENETRATIONS IN AND OUT OF THE CHASE.

KEYED NOTES

1. INSTALL NEW WALL HYDRANT IN THE SAME LOCATION OF EXISTING WALL HYDRANT. PROVIDE A FLUSH LOCATION FOR THE HYDRANT FLANGE TO SIT AGAINST.
2. PROVIDE A 1" YARD IRRIGATION TAP IN THIS LOCATION. YARD IRRIGATION SYSTEM IS BY OTHERS AND ARCHITECT.
3. COORDINATE ACCESS WITH ALL BALL VALVES WITH AN ACCESS DOOR IN THE CEILING PRIOR TO ROUGH-IN WITH ARCHITECT.
4. INSTALL DOMESTIC WATER LINES UP IN WALL FRAMING ABOVE UP IN 2 HOUR CHASE. SEAL PENETRATION AS REQ'D. SEE FIRST FLOOR OF CONTINUATION.
5. INSTALL DOMESTIC WATER LINES DOWN IN 2 HOUR CHASE TO BELOW. SEAL PENETRATION AS REQ'D. SEE SUB-BASEMENT FOR CONTINUATION.
6. INSTALL ELECTRIC WATER HEATER AND PAN IN THIS LOCATION PIPE DRAIN PAN TO FLOOR DRAIN WITH PVC IN A NEAT AND ORDERLY FASHION.
7. INSTALL 2" CW LINE IN WALL FRAMING TO SERVE FIXTURES IN BOTH BATHROOMS. DISTRIBUTE ACCORDINGLY FROM THE 2" HEADER.
8. PROVIDE ACCESS DOOR AND SHUT OFF VALVE IN THE WALL FOR ACCESS TO THE SHOCK ARRESTER IN THE MEN'S BATHROOM. PROVIDE ACCESS DOOR ABOVE THE TILE, 5'-6" TO THE BOTTOM.

Professional Engineer
ANDREW B. ELSTON
14282
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7
ARCHITECTS
Casper, WY
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS, COPYRIGHT 2017

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

DATE
11/20/2017

DRAWN BY
AE/KRD

DISK ID.

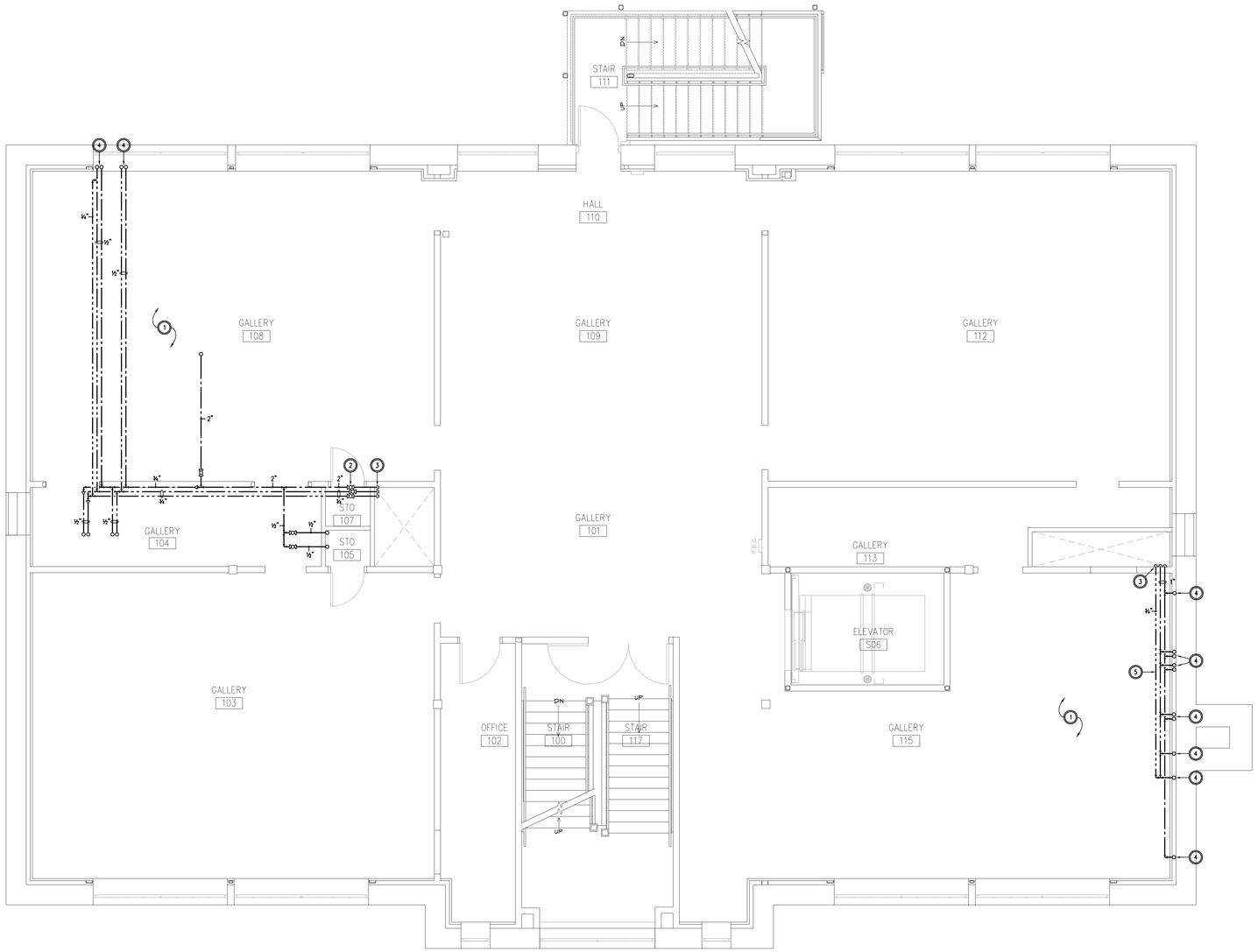
SHEET TITLE
PHASE 1
BASEMENT
FLOOR PLAN -
DOMESTIC PIPING

SHEET NUMBER
15.21

BASEMENT FLOOR PLAN - DOMESTIC PIPING

1/4" = 1'-0" 01

N
PLAN NORTH



GENERAL NOTES

1. CONTRACTORS ARE TO EXAMINE THIS SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
2. INSTALL ALL PLUMBING WITHIN FRAMED WALLS, CHASES, OR TIGHT TO STRUCTURE UNLESS NOTED OTHERWISE, NO WATER PIPING UP IN THE ATTIC SPACE.
3. COORDINATE LOCATIONS AND REQUIREMENTS WITH OTHER TRADES PRIOR TO FABRICATION OF MATERIALS. PLAN OFFSETS AS REQ'D TO AVOID CONFLICTS WITH DUCTWORK AND STRUCTURE.
4. PROVIDE FIRE CAULKING AS REQ'D AROUND ALL PENETRATIONS IN AND OUT OF THE CHASE.

KEYED NOTES

1. ALL WATER LINES SHOWN ON THIS SHEET TO BE INSTALL WITHIN JOIST SPACING.
2. COORDINATE ACCESS WITH ALL BALL VALVES WITH AN ACCESS DOOR IN THE CEILING PRIOR TO ROUGH-IN WITH ARCHITECT.
3. INSTALL DOMESTIC WATER LINES DOWN IN CHASE OR WALL FRAMING. SEE BASEMENT FLOOR FOR CONTINUATION.
4. FIELD VERIFY THAT INSULATION IS INSTALLED IN ALL WALL CAVITIES THAT CONTAIN DOMESTIC WATER LINES IN THE EXTERIOR WALL INSTALL INSULATED WATER PIPING ON THE WARM SIDE OF THE WALL IN ALL LOCATIONS. OFFSET INSULATION AS NEEDED.
5. PACK FLOOR JOIST CAVITY WITH INSULATION TO PROTECT WATER PIPING FOR FREEZING. INSTALL WATER PIPING ON THE WARM SIDE OF THE INSULATION.

Professional Engineer
ANDREW B. ELSTON
14282
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7 ARCHITECTS
122 South Center Street
Casper, WY
307.234.7117 fax
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS THERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN ANY FASHION OR PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS.

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

DATE
11/20/2017

DRAWN BY
AE/KRD

DISK ID.

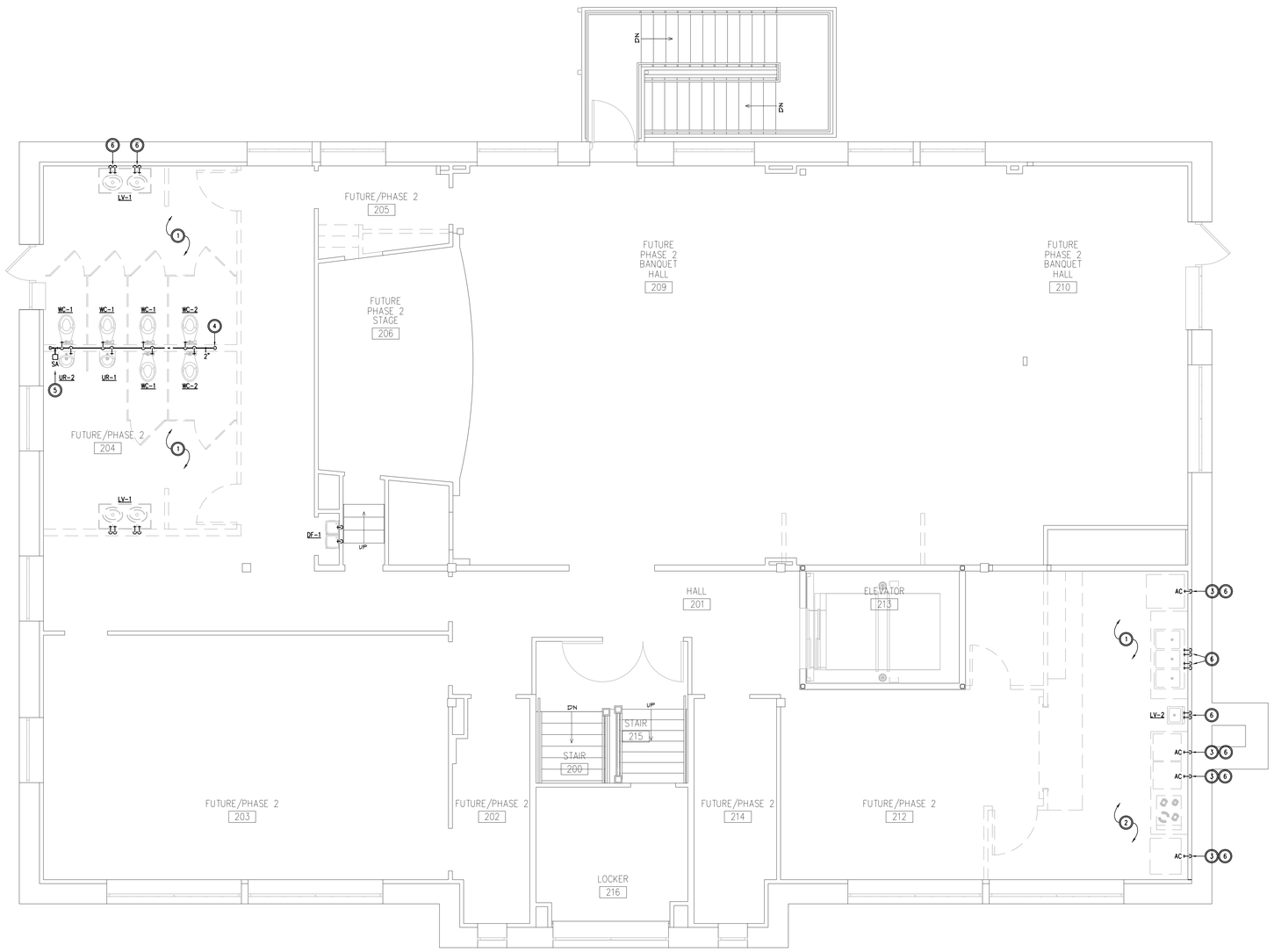
SHEET TITLE
PHASE 1
FIRST
FLOOR PLAN -
DOMESTIC PIPING

SHEET NUMBER
15.22

N
PLAN NORTH

FIRST FLOOR PLAN - DOMESTIC PIPING

1/4" = 1'-0" | 01



GENERAL NOTES

1. CONTRACTORS ARE TO EXAMINE THIS SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
2. INSTALL ALL PLUMBING WITHIN FRAMED WALLS, CHASES, OR TIGHT TO STRUCTURE UNLESS NOTED OTHERWISE, NO WATER PIPING UP IN THE ATTIC SPACE.
3. COORDINATE LOCATIONS AND REQUIREMENTS WITH OTHER TRADES PRIOR TO FABRICATION OF MATERIALS. PLAN OFFSETS AS REQ'D TO AVOID CONFLICTS WITH DUCTWORK AND STRUCTURE.
4. COORDINATE EXACT KITCHEN EQUIPMENT ROUGHIN TO ALL EQUIPMENT PRIOR TO INSTALLATION.
5. PROVIDE BACKFLOW DEVICE AS REQ'D ON DISHWASHER, GARBAGE DISPOSAL, ICE MAKER, AND COFFEE MACHINE, ETC. IF NOT PROVIDED WITH EQUIPMENT, PROVIDE PER IPC AND AHJ.
6. ALL PLUMBING ON THIS LEVEL TO BE ROUGHED-IN ONLY (BASE BID), FIXTURE LABELS SHOWN FOR ROUGH-IN SIZING ONLY, TRIM OUT TO BE IN THE FUTURE.
7. PROVIDE FIRE CAULKING AS REQ'D AROUND ALL PENETRATIONS IN AND OUT OF THE CHASE.

KEYED NOTES

1. ALL WATER LINES ON THIS LEVEL TO BE SERVED FROM BELOW. SEAL ALL FLOOR PENETRATIONS WATER TIGHT AROUND INSULATION. SEE FIRST FLOOR DOMESTIC PLAN FOR CONTINUATION.
2. COORDINATE EXACT LOCATIONS OF FUTURE KITCHEN EQUIPMENT IN THIS ROOM PRIOR TO INSTALLATION OF ROUGH-IN PIPING.
3. PROVIDE AC BOXES IN THE WALL FOR APPROPRIATE KITCHEN EQUIPMENT. COORDINATE HEIGHT BELOW COUNTER TOP PRIOR TO INSTALLATION.
4. INSTALL 2" CW LINE UP IN WALL FRAMING TO SERVE FIXTURES IN BOTH BATHROOMS. DISTRIBUTE ACCORDINGLY FROM THE 2" HEADER.
5. PROVIDE ACCESS DOOR AND SHUT OFF VALVE IN THE WALL FOR ACCESS TO THE SHOCK ARRESTER IN THE MEN'S BATHROOM. PROVIDE ACCESS DOOR ABOVE THE TILE, 5'-6" TO THE BOTTOM.
6. FIELD VERIFY THAT INSULATION IS INSTALLED IN ALL WALL CAVITIES THAT CONTAIN DOMESTIC WATER LINES IN THE EXTERIOR WALL INSTALL INSULATED WATER PIPING ON THE WARM SIDE OF THE WALL IN ALL LOCATIONS. OFFSET INSULATION AS NEEDED.

PLAN NORTH

SECOND FLOOR PLAN - DOMESTIC PIPING

1/4" = 1'-0" | 01

Professional Engineer
ANDREW B. ELSTON
14282
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7 ARCHITECTS
1 Cowboy Way
P.O. Box 1
Sundance, Wyoming 82729
www.statelineno7.com
307-283-1717 Fax

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE NO. 7 ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE NO. 7 ARCHITECTS. COPYRIGHT 2

Engineering Design Associates
1607 CY Ave. Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

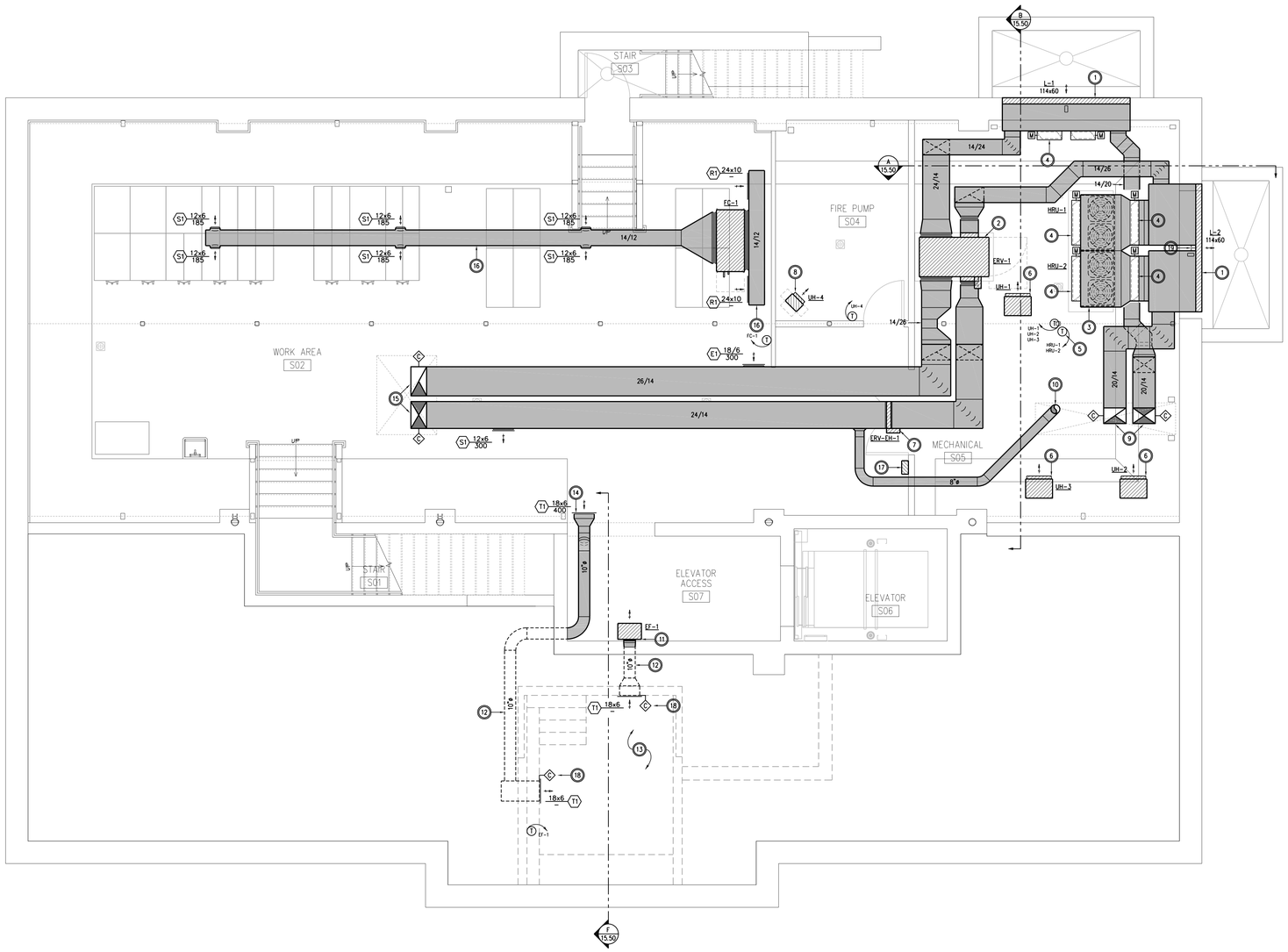
DATE
11/20/2017

DRAWN BY
AE/KRD

DISK ID.

SHEET TITLE
PHASE 1
SECOND
FLOOR PLAN -
DOMESTIC PIPING

SHEET NUMBER
15.23



GENERAL NOTES

1. CONTRACTORS ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
2. INSTALL ALL DUCTWORK TIGHT TO OR WITHIN STRUCTURE ABOVE WHERE POSSIBLE, COORDINATE LOCATIONS AND REQUIREMENTS WITH OTHER TRADES PRIOR TO FABRICATION OF MATERIALS, DUCTWORK SHALL HAVE PRECEDENCE.
3. OFFSET AND/OR TRANSITION DUCTWORK OVER OR BENEATH STRUCTURAL ELEMENTS AS REQ'D. CONFIRM INTENTIONS WITH THE ENGINEER PRIOR TO FABRICATION.
4. SEAL ALL PENETRATIONS THRU RATED CONSTRUCTION WITH A FIRE SAFE MATERIAL. SEAL ALL OTHERS WITH AN ACOUSTIC CAULK. SEE ARCHITECT'S DRAWINGS TO CONFIRM CLASSIFICATION.
5. INSTALL ALL WALL MOUNT THERMOSTATS WITH DISPLAY, SET POINT ADJUSTMENT, AND OCCUPANCY OVERRIDE AT 54" AFF, OR LOWER AS NECESSARY TO SATISFY ADA REQUIREMENTS.
6. AIR DEVICES LOCATIONS ARE SHOWN APPROXIMATE. CONFIRM ALL LOCATIONS WITH ARCHITECT AND COORDINATE WITH ACTUAL CONDITIONS PRIOR TO INSTALLATION.

KEYED NOTES

1. PROVIDE INTAKE AND EXHAUST LOUVER TO THE GC FOR INSTALLATION IN THE WALL AS HIGH AS POSSIBLE. SEE STRUCTURAL AND ARCHITECTURAL PLANS FOR EXACT LOCATION. FABRICATE 2-0" DEEP INTAKE PLENUM AND 3-6" DEEP EXHAUST PLENUM AND INSTALL DUCTMATE MODEL MDTSGA MOISTURE DRAIN IN EACH PLENUM BOX. MANIFOLD DRAIN TOGETHER AND PIPE TO NEAREST FLOOR DRAIN WITH PVC PIPING AND UNI-STRUT.
2. PROVIDE 4" THICK CONCRETE PAD FOR ERV UNIT TO SIT ON. ROUTE DUCTS AS SHOWN. MAINTAIN ALL MFGR'S CLEARANCES AROUND THE UNITS. MOTORIZED DAMPERS ON ERV, AND MAINTAIN MAXIMUM HEAD HEIGHT IN THE MECHANICAL ROOM.
3. PROVIDE 4" THICK CONCRETE PAD FOR HRU-1 AND 2. SEE DETAIL AND SECTIONS FOR DUCT LAYOUT.
4. ALL DAMPERS TO BE LINE VOLTAGE. COORDINATE WITH EC ON ACTUATOR LOCATIONS AND CONTROLS.
5. PROVIDE REMOTE BULB THERMOSTAT TO SENSE THE OUTDOOR AIR TEMPERATURE INSIDE THE AREA WELL. INTERLOCK CONTROL TO OPEN OUTSIDE AIR DAMPERS ON BOTH LOUVERS AND CLOSE THE RECIRCULATION DAMPERS WHEN THE OUTSIDE AIR TEMPERATURE IS ABOVE 40°F (ADJ). WHEN THE OUTSIDE AIR TEMPERATURE IS BELOW 40°F (ADJ) CLOSE ALL OUTSIDE AIR DAMPERS AND OPEN THE RECIRCULATION DAMPERS. COORDINATE EXACT TEMPERATURE SENSOR LOCATION IN THE INTAKE PLENUM BOX WITH THE EC.
6. INSTALL ELECTRICAL UNIT HEATERS AS HIGH AS POSSIBLE IN THE MECHANICAL ROOM. SET THERMOSTATS TO KEEP THE ROOM AT 35°F (ADJ).
7. INSTALL ELECTRIC HEATER IN THE SUPPLY AIR DUCTWORK. PROVIDE WIRING TO THE ERV-1 AND DUCT STAT AS REQ'D FOR OPERATION OF THE HEATER. OBSERVE MFGR'S RECOMMENDED DISTANCES FROM THE FITTINGS.
8. INSTALL ELECTRIC UNIT HEATER HIGH UP IN THE CORNER OF THE ROOM. COORDINATE EXACT LOCATION OF THE HEATER WITH FIRE PROTECTION PUMP AND RISER.
9. INSTALL 20/14 LINED SUPPLY AND EXHAUST DUCTWORK UP IN CHASE TO SERVE ERV-2 IN THE ATTIC.
10. INSTALL 8"Ø FRESH AIR DUCT UP IN CHASE TO THE BASEMENT LEVEL. ROUTE DUCT AS HIGH AS POSSIBLE FOR MAXIMUM HEAD ROOM.
11. INSTALL EXHAUST FAN HIGH AND TIGHT TO THE NEW STRUCTURE.
12. ROUTE BLUE DUCT SYSTEM UNDER GROUND TO SERVE THE ELEVATOR EQUIPMENT ROOM. COORDINATE EXACT LOCATION AND CONCRETE PENETRATIONS INTO THE ROOM WITH THE GC. SEE SECTION.
13. INSTALL DUCTWORK AS HIGH AS POSSIBLE IN THE ELEVATOR EQUIPMENT ROOM. COORDINATE EXACT LOCATION WITH EQUIPMENT IN THIS ROOM.
14. INSTALL TRANSFER AIR DUCT JUST BELOW THE EXISTING BEAM INTO THE WORK ROOM.
15. INSTALL 26/14 AND 24/14 LINED SUPPLY AND RETURN DUCTWORK UP IN CHASE TO SERVE THE OTHER LEVELS. HOLD DUCT UP AS HIGH AS POSSIBLE THRU THE WORKROOM.
16. INSTALL SUPPLY AIR DUCT, UNIT AND RETURN AIR DUCT UP AS HIGH AS POSSIBLE IN THE WORK ROOM.
17. MOUNT HEAT PUMP SYSTEM CONTROL MANAGER. COORDINATE LOCATION WITH THE E.C. NEMA RATED ENCLOSURE PROVIDED BY E.C. FOR DEVICES.
18. INSTALL COMBINATION DAMPER AS CLOSE AS POSSIBLE TO THE EXISTING CONCRETE WALL. PROVIDE GRILLE ACCESS. COORDINATE WITH STAIRS AND ELEVATOR EQUIPMENT.
19. INSTALL PLENUM BOXES FOR EACH SYSTEM AROUND THE STRUCTURAL COLUMN IN THIS LOCATION. CREATE TWO SEPARATE BOXES AS SHOWN INTO ONE LOUVER. PROVIDE A SHEET METAL SEAL COVER OVER THE EXPOSED LOVER AND SEAL WEATHER TIGHT AGAINST THE BACK OF THE LOUVER.

Professional Engineer
ANDREW B. ELSTON
14262
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7 ARCHITECTS
Casper, WY
307.237.7117
www.statelinen7.com
THESE DRAWINGS AND THE DESIGNS THEREIN ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS. THEY MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS, CASPER, WY.

Engineering Design Associates
1007 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

DATE
11/20/2017

DRAWN BY
AE/KRD

DISK ID.

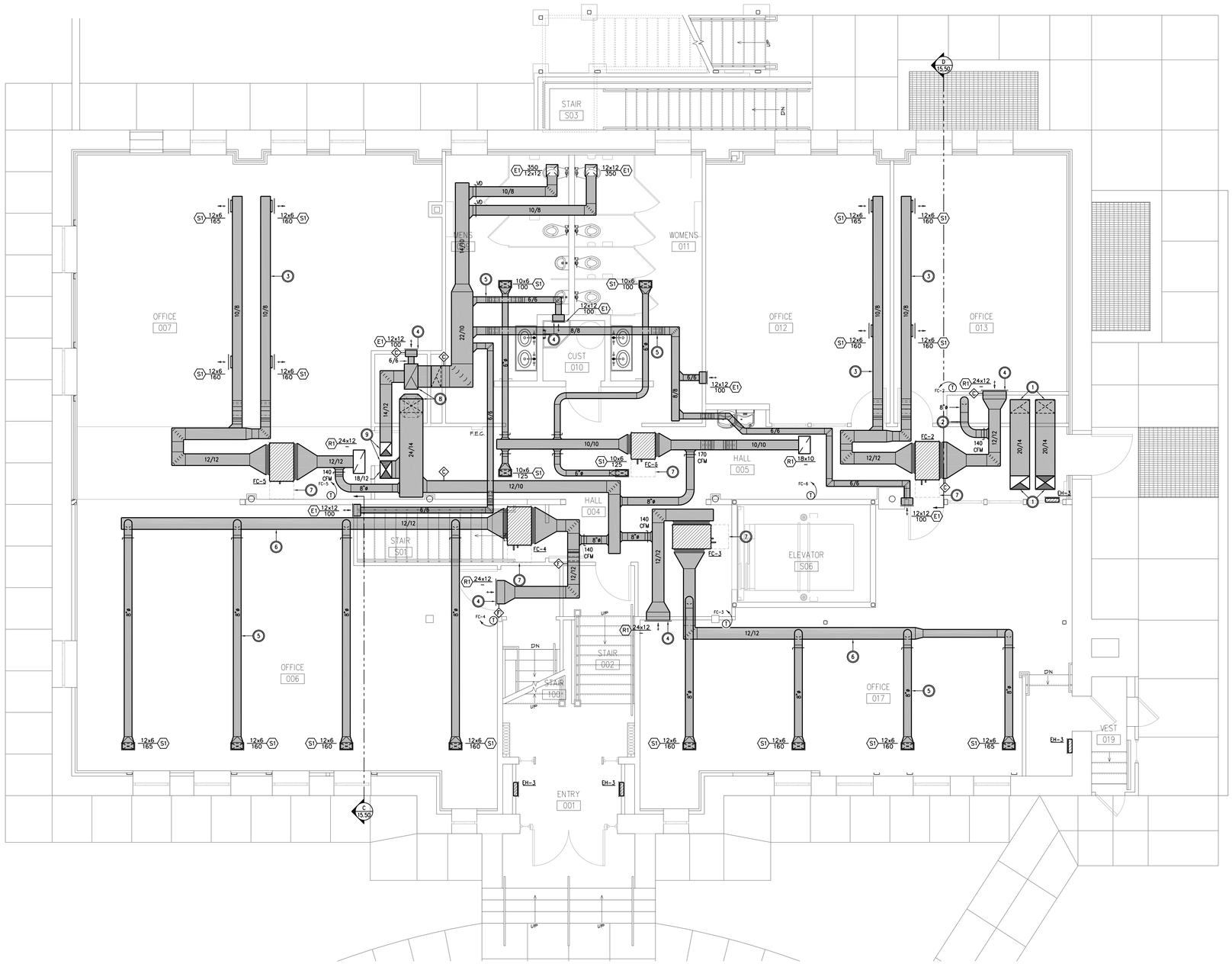
SHEET TITLE
PHASE 1
SUB-BASEMENT
FLOOR PLAN -
HVAC

SHEET NUMBER
15.30

SUB-BASEMENT FLOOR PLAN - HVAC

1/4" = 1'-0" | 01

N
PLAN NORTH



GENERAL NOTES

1. CONTRACTOR ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
2. INSTALL ALL DUCTWORK TIGHT TO OR WITHIN STRUCTURE ABOVE WHERE POSSIBLE. COORDINATE LOCATIONS AND REQUIREMENTS WITH OTHER TRADES PRIOR TO FABRICATION OF MATERIALS. PLAN OFFSETS OR TRANSITIONS AS REQ'D TO AVOID CONFLICTS WITH STRUCTURE. DUCTWORK SHALL HAVE PRECEDENCE.
3. OFFSET AND/OR TRANSITION DUCTWORK OVER OR BENEATH STRUCTURAL ELEMENTS AS REQ'D. CONFIRM INTENTIONS WITH THE ENGINEER PRIOR TO FABRICATION.
4. SEAL ALL PENETRATIONS THRU RATED CONSTRUCTION WITH A FIRE SAFE MATERIAL. SEAL ALL OTHERS WITH AN ACOUSTIC CAULK. SEE ARCHITECT'S DRAWINGS TO CONFIRM CLASSIFICATION.
5. INSTALL ALL WALL MOUNT THERMOSTAT WITH DISPLAY, SET POINT ADJUSTMENT, AND OCCUPANCY OVERRIDE AT 54" AFF, OR LOWER AS NECESSARY TO SATISFY ADA REQUIREMENTS.
6. AIR DEVICES LOCATIONS ARE SHOWN APPROXIMATE. CONFIRM ALL LOCATIONS WITH ARCHITECT AND COORDINATE WITH ACTUAL CONDITIONS PRIOR TO INSTALLATION.

KEYED NOTES

1. INSTALL 20/14 LINED DUCTWORK UP IN CHASE TO SERVE ERV-2 IN THE ATTIC. OFFSET ON THIS LEVEL AS REQ'D. ROUTE AS HIGH AS POSSIBLE.
2. INSTALL 8"Ø FRESH AIR DUCT UP IN CHASE FROM TO THE SUB-BASEMENT LEVEL. ROUTE DUCT AS HIGH AS POSSIBLE FOR MAXIMUM HEAD ROOM.
3. INSTALL LINED RECTANGULAR SUPPLY AIR DUCTS ON EACH SIDE OF THE BEAM IN THESE ROOMS. OFFSET SUPPLY DUCTS UP FROM THE MAIN DUCT RUN IN SOFFIT. ROUTE DUCTS AS HIGH AS POSSIBLE.
4. INSTALL AIR GRILLE UP AS HIGH AS POSSIBLE IN THE ROOM SERVED. COORDINATE EXACT LOCATION WITH FRAMING AND GC PRIOR TO INSTALLATION.
5. OFFSET DUCTS AS SHOWN, UP WITHIN JOIST SPACE. SEE ARCHITECTURAL RCP FOR EXACT CEILING HEIGHTS. REPLACE X BRACING IN THE DUCT WITH HORIZONTAL BRACING. CONFIRM WITH STRUCTURAL ENGINEER PRIOR TO INSTALLATION.
6. INSTALL HORIZONTAL DUCTS IN SOFFIT AS REQ'D. SEE ARCHITECTURAL RCP FOR EXACT SIZE AND LOCATION OF THIS CHASE.
7. INSTALL FAN COIL UNITS TIGHT TO STRUCTURE. PROVIDE MFGR CLEARANCES AROUND EACH UNIT. COORDINATE ALL ACCESS DOORS AND SIZE WITH CEILING FRAMING.
8. INSTALL 25/14 AND 24/14 LINED SUPPLY AND RETURN DUCTWORK UP AND DOWN IN CHASE TO SERVE THIS LEVEL.
9. ROUTE 14/12 AND 18/12 LINED SUPPLY AND RETURN DUCTWORK UP IN THE CHASE TO SERVE THE 1ST LEVEL.

Professional Engineer
ANDREW B. ELSTON
14262
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7
ARCHITECTS
Cowley, WY
www.statelineA7.com
+1-307-548-7777
+1-307-548-7778 fax
P.O. Box 1
Cowley, Wyoming
82420 USA

THESE DRAWINGS AND THE DESIGNS THEREIN ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS.
© COPYRIGHT 2017

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

DATE
11/20/2017

DRAWN BY
AE/KRD

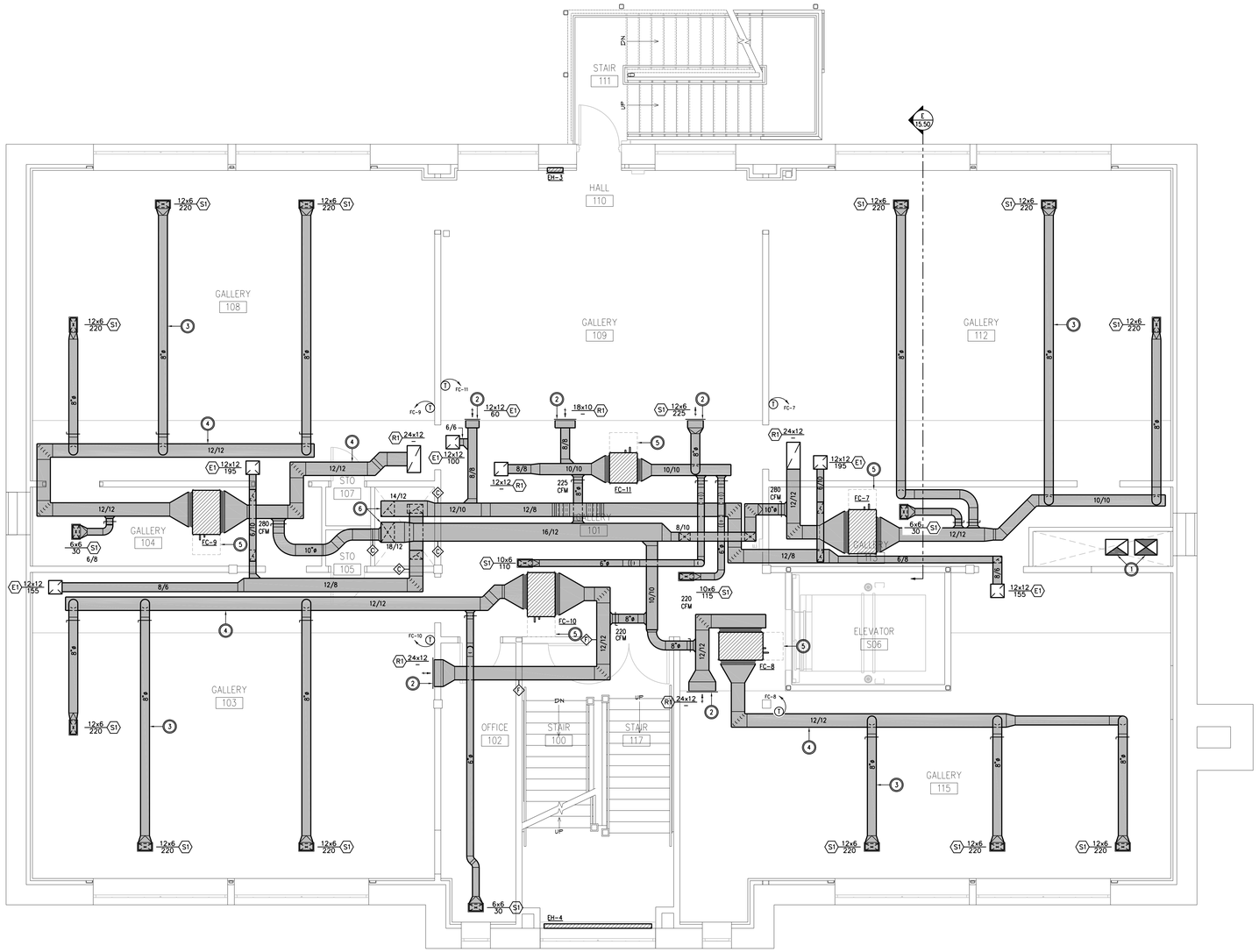
DISK ID.

SHEET TITLE
PHASE 1
BASEMENT
FLOOR PLAN -
HVAC

SHEET NUMBER
15.31

BASEMENT FLOOR PLAN - HVAC

1/4" = 1'-0" | 01



GENERAL NOTES

1. CONTRACTOR ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
2. INSTALL ALL DUCTWORK TIGHT TO OR WITHIN STRUCTURE ABOVE WHERE POSSIBLE. COORDINATE LOCATIONS AND REQUIREMENTS WITH OTHER TRADES PRIOR TO FABRICATION OF MATERIALS. PLAN OFFSETS OR TRANSITIONS AS REQ'D TO AVOID CONFLICTS WITH STRUCTURE. DUCTWORK SHALL HAVE PRECEDENCE.
3. OFFSET AND/OR TRANSITION DUCTWORK OVER OR BENEATH STRUCTURAL ELEMENTS AS REQ'D. CONFIRM INTENTIONS WITH THE ENGINEER PRIOR TO FABRICATION. DEMO AND REMOVE EXISTING WOODEN PLENUM, FRAMING, AND BOARDS AS REQUIRED TO ROUTE DUCTWORK IN ALTERNATE #1.
4. SEAL ALL PENETRATIONS THRU RATED CONSTRUCTION WITH A FIRE SAFE MATERIAL. SEAL ALL OTHERS WITH AN ACOUSTIC CAULK. SEE ARCHITECT'S DRAWINGS TO CONFIRM CLASSIFICATION.
5. INSTALL ALL WALL MOUNT THERMOSTAT WITH DISPLAY. SET POINT ADJUSTMENT, AND OCCUPANCY OVERRIDE AT 54" AFF, OR LOWER AS NECESSARY TO SATISFY ADA REQUIREMENTS.
6. AIR DEVICES LOCATIONS ARE SHOWN APPROXIMATE. CONFIRM ALL LOCATIONS WITH ARCHITECT AND COORDINATE WITH ACTUAL CONDITIONS PRIOR TO INSTALLATION.

KEYED NOTES

1. INSTALL 20/14 LINED DUCTWORK UP IN CHASE TO SERVE ERV-2 IN THE ATTIC.
2. INSTALL AIR GRILLE UP AS HIGH AS POSSIBLE IN THE ROOM SERVED. COORDINATE EXACT LOCATION WITH FRAMING AND GC PRIOR TO INSTALLATION.
3. OFFSET DUCTS AS SHOWN, UP WITHIN JOIST SPACE. SEE ARCHITECTURAL RCP FOR EXACT CEILING HEIGHTS. REPLACE X-BRACING IN THE DUCT WITH HORIZONTAL BRACING. CONFIRM WITH STRUCTURAL ENGINEER PRIOR TO INSTALLATION.
4. INSTALL HORIZONTAL DUCTS IN SOFFIT AS REQ'D. SEE ARCHITECTURAL RCP FOR EXACT SIZE AND LOCATION OF THIS SOFFIT.
5. INSTALL FAN COIL UNITS TIGHT TO STRUCTURE. PROVIDE MFGR CLEARANCES AROUND EACH UNIT. COORDINATE ALL ACCESS DOORS AND SIZE WITH CEILING FRAMING.
6. ROUTE 14/12 AND 18/12 LINED SUPPLY AND RETURN DUCTWORK DOWN IN THE CHASE TO SERVE THE THE BASEMENT LEVEL.

Professional Engineer
ANDREW B. ELSTON
14262
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7 ARCHITECTS
Cowan Wy
307-283-1717
www.statelineA7.com
+++ Sundance Center Square
PO Box 1717
307-283-1717 Fax

THESE DRAWINGS AND THE DESIGNS THEREIN ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. © COPYRIGHT

Engineering Design Associates
1607 CY Ave. Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

DATE
11/20/2017

DRAWN BY
AE/KRD

DISK ID.

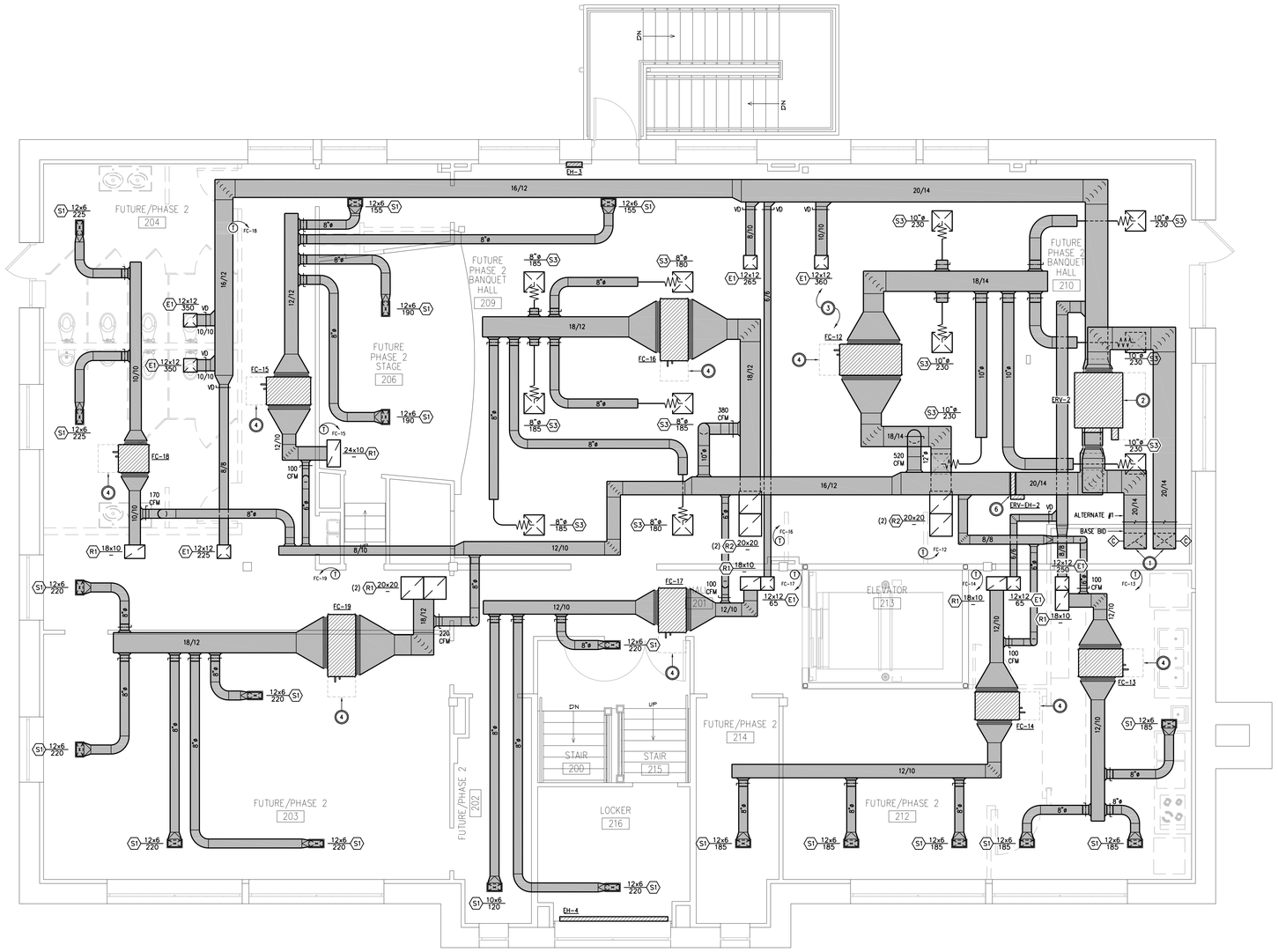
SHEET TITLE
PHASE 1
FIRST
FLOOR PLAN -
HVAC

SHEET NUMBER
15.32

FIRST FLOOR PLAN - HVAC

1/4" = 1'-0" | 01

PLAN NORTH



GENERAL NOTES

1. CONTRACTOR ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
2. INSTALL ALL DUCTWORK TIGHT TO OR WITHIN STRUCTURE ABOVE WHERE POSSIBLE. COORDINATE LOCATIONS AND REQUIREMENTS WITH OTHER TRADES PRIOR TO FABRICATION OF MATERIALS. PLAN OFFSETS OR TRANSITIONS AS REQ'D TO AVOID CONFLICTS WITH STRUCTURE. DUCTWORK SHALL HAVE PRECEDENCE.
3. OFFSET AND/OR TRANSITION DUCTWORK OVER OR BENEATH STRUCTURAL ELEMENTS AS REQ'D. CONFIRM INTENTIONS WITH THE ENGINEER PRIOR TO FABRICATION.
4. SEAL ALL PENETRATIONS THRU RATED CONSTRUCTION WITH A FIRE SAFE MATERIAL. SEAL ALL OTHERS WITH AN ACOUSTIC CAULK. SEE ARCHITECT'S DRAWINGS TO CONFIRM CLASSIFICATION.
5. INSTALL ALL WALL MOUNT THERMOSTAT WITH DISPLAY, SET POINT ADJUSTMENT, AND OCCUPANCY OVERRIDE AT 54" AFF, OR LOWER AS NECESSARY TO SATISFY ADA REQUIREMENTS.
6. AIR DEVICES LOCATIONS ON THIS SHEET ARE SHOWN APPROXIMATE. CONFIRM ALL LOCATIONS WITH ARCHITECT AND COORDINATE WITH ACTUAL CONDITIONS PRIOR TO INSTALLATION UNDER ALTERNATE #1.
7. ALL DUCTWORK AND EQUIPMENT ON THIS LEVEL TO BE ALTERNATE #1. DUCTWORK UP TO THIS LEVEL IN THE CHASE TO BE INSTALLED AND CAPPED IN THE ATTIC UNDER THE BASE BID.

KEYED NOTES

1. INSTALL 20/14 LINED DUCTWORK UP IN CHASE TO SERVE ERV-2 IN THE ATTIC. INSTALL THIS DUCTWORK AS PART OF THE BASE BID.
2. INSTALL ERV-2 IN THE ATTIC COORDINATE EXACT LOCATION WITH STRUCTURAL DRAWINGS PRIOR TO INSTALLATION. ROUTE DUCTS AS SHOWN. MAINTAIN ALL MFGR'S CLEARANCES AROUND THE UNIT AND THE MOTORIZED DAMPERS ON ERV. INSTALL UNIT HUNG FROM THE ROOF STRUCTURE WITH VIBRATION ISOLATOR.
3. COORDINATE EXACT DIFFUSER LAYOUT AND LOCATION OF THIS ROOM WITH EXISTING CEILING PRIOR TO INSTALLATION WITH THE ARCHITECT.
4. INSTALL FAN COIL UNITS IN THE ATTIC SPACE. PROVIDE MFGR CLEARANCES AROUND EACH UNIT. COORDINATE WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
5. INSTALL ELECTRIC HEATER IN THE SUPPLY AIR DUCTWORK. PROVIDE WIRING TO THE ERV-2 AND DUCT STAT AS REQ'D FOR OPERATION OF THE HEATER. OBSERVE MFGR'S RECOMMENDED DISTANCES FROM THE FITTINGS.
6. INSTALL ELECTRIC HEATER IN THE SUPPLY AIR DUCTWORK. PROVIDE WIRING TO THE ERV-2 AND DUCT STAT AS REQ'D FOR OPERATION OF THE HEATER. OBSERVE MFGR'S RECOMMENDED DISTANCES FROM THE FITTINGS.

Professional Engineer
ANDREW B. ELSTON
14262
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7
ARCHITECTS

Cowley, WY
307-548-7272
www.statelinearch.com

THESE DRAWINGS AND THE DESIGNS HEREIN ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS.
© COPYRIGHT

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

DATE
11/20/2017

DRAWN BY
AE/KRD

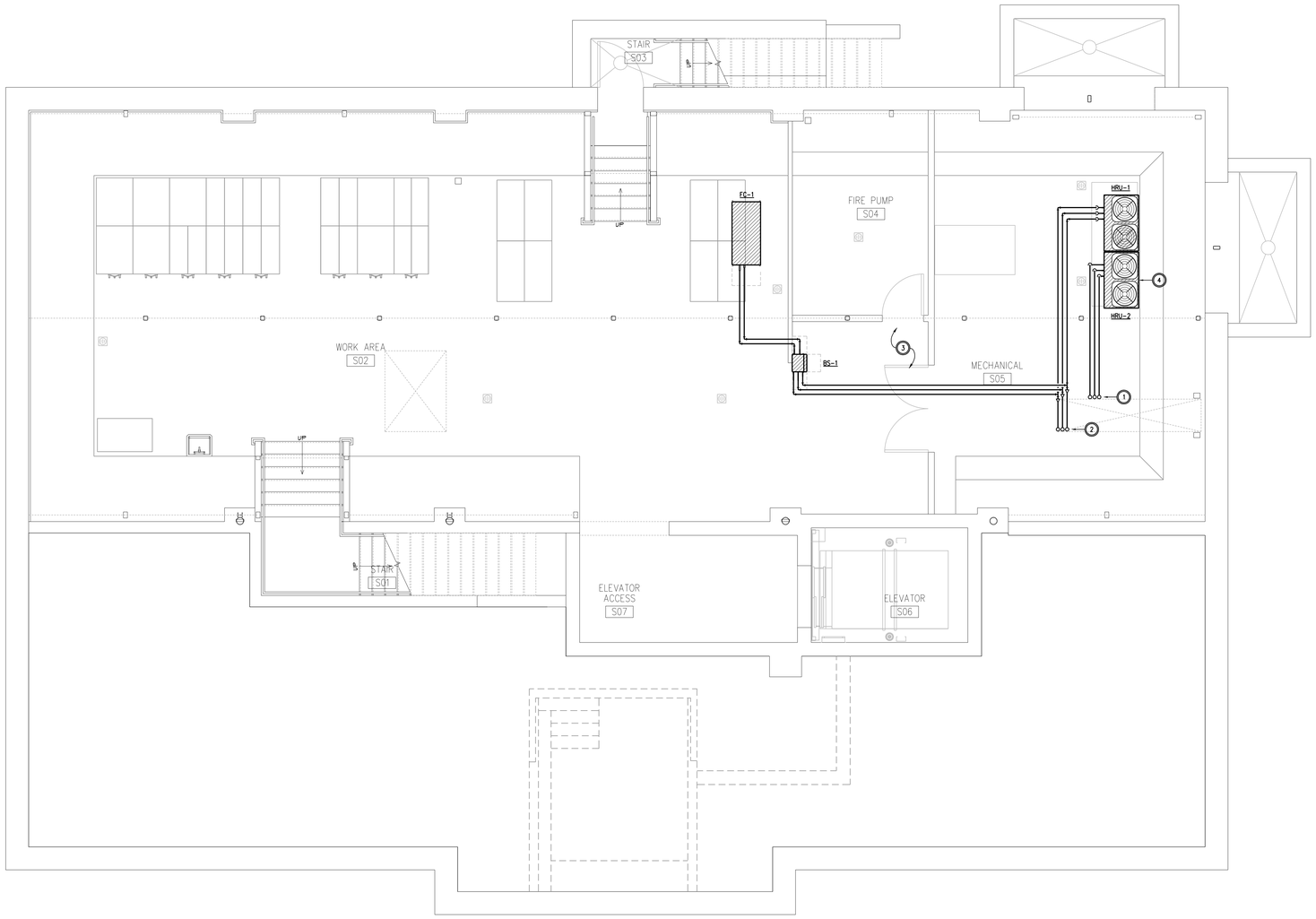
DISK ID.

SHEET TITLE
PHASE 1
SECOND
FLOOR PLAN -
HVAC

SHEET NUMBER
15.33

SECOND FLOOR PLAN - HVAC

1/4" = 1'-0" | 01



GENERAL NOTES

1. INSTALL ALL HORIZONTAL REFRIGERANT LINE SETS HIGH AND TIGHT TO THE STRUCTURE ABOVE OR UP WITHIN THE JOIST SPACE. ALL VERTICAL REFRIGERANT LINE SETS INSTALLED WITHIN WALL FRAMING OR IN CHASES. SEE DETAIL SHEET FOR SIZES.
2. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MFGR'S INSTRUCTIONS.
3. PROVIDE ACCESS DOORS AS REQ'D IN ALL HARD CEILING FOR ROUTINE MAINTENANCE OF ALL COMPONENTS OF THE SYSTEM.

KEYED NOTES

1. INSTALL REFRIGERANT PIPING UP IN WALL FRAMING TO SERVE THE 2ND LEVEL. (BASE BID).
2. INSTALL REFRIGERANT PIPING UP IN WALL FRAMING TO SERVE THE BASEMENT AND CONTINUE UP TO SERVE THE 1ST LEVEL.
3. FIELD VERIFY MFGR'S ACCESS INTO ALL COMPONENTS OF THE SYSTEM IN THE CEILING SPACE PRIOR TO INSTALLATION.
4. INSTALLATION OF THE HRU-2 AND ROUTING OF REFRIGERANT PIPING UP TO THE SECOND LEVEL TO BE INSTALLED IN THE BASE BID.

Professional Engineer
ANDREW B. ELSTON
14282
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7 ARCHITECTS
122 South Center Street
Casper, WY
307.234.5717 Fax
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE PROPERTY OF STATELINE No. 7 ARCHITECTS. EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 IS REQUIRED.

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

DATE
11/20/2017

DRAWN BY
AE/KRD

DISK ID.

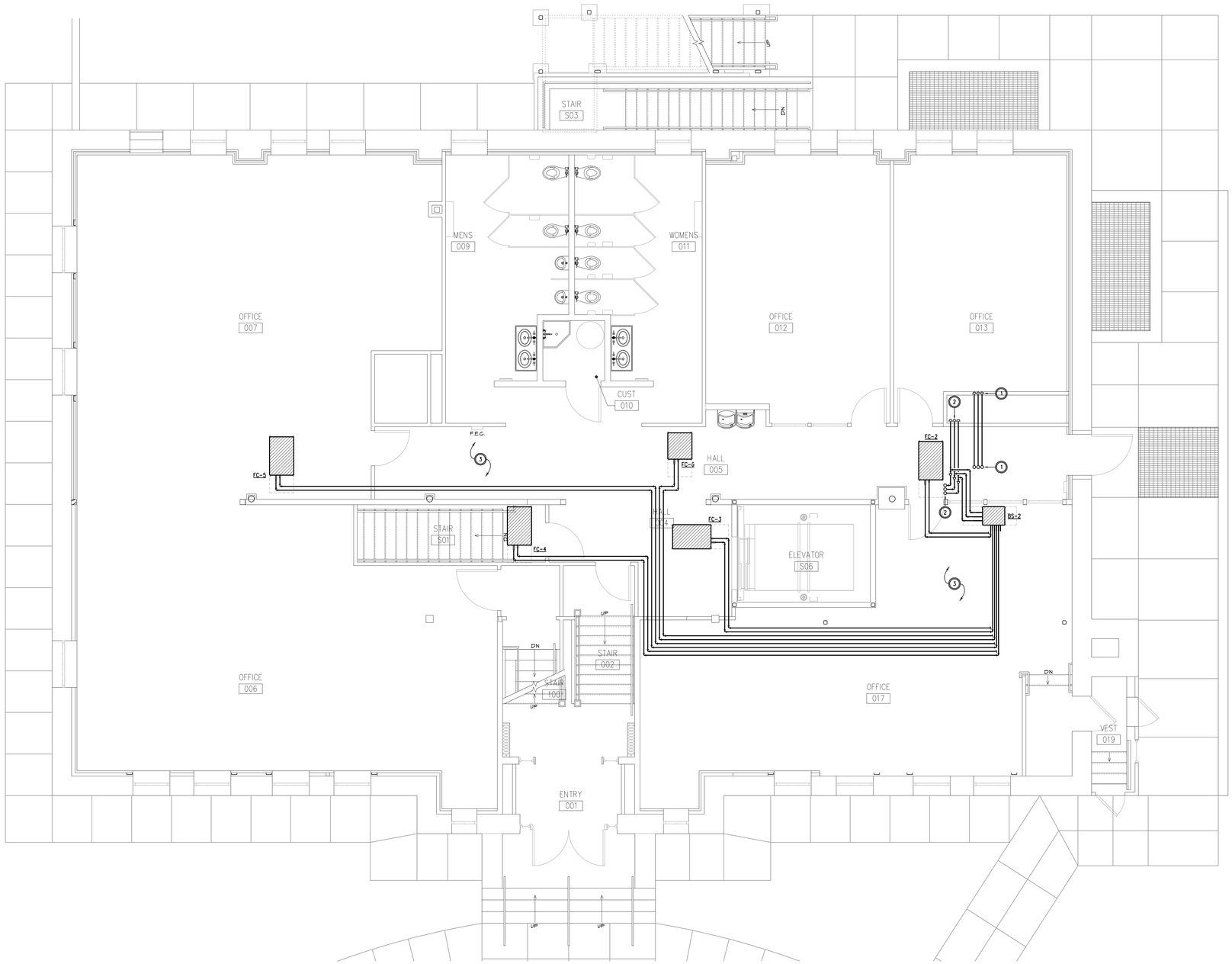
SHEET TITLE
PHASE 1
SUB-BASEMENT
FLOOR PLAN -
HYDRONIC PIPING

SHEET NUMBER
15.40

N
PLAN NORTH

SUB-BASEMENT FLOOR PLAN - HYDRONIC PIPING

1/4" = 1'-0" | 01



GENERAL NOTES

1. INSTALL ALL HORIZONTAL REFRIGERANT LINE SET HIGH AND TIGHT TO THE STRUCTURE ABOVE OR UP WITHIN THE JOIST SPACE. ALL VERTICAL REFRIGERANT LINE SET INSTALLED WITHIN WALL FRAMING OR IN CHASES. SEE DETAIL SHEET FOR SIZES.
2. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MFGR'S INSTRUCTIONS.
3. PROVIDE ACCESS DOORS AS REQ'D IN ALL HARD CEILING FOR ROUTINE MAINTENANCE OF ALL COMPONENTS OF THE SYSTEM.

KEYED NOTES

1. OFFSET AND ROUTE REFRIGERANT PIPING UP IN WALL FRAMING FROM BELOW TO SERVE THE 2ND LEVEL. (BASE BID).
2. INSTALL REFRIGERANT PIPING UP IN WALL FRAMING FROM BELOW TO SERVE THE BASEMENT AND CONTINUE UP TO SERVE THE 1ST LEVEL.
3. FIELD VERIFY MFGR'S ACCESS INTO ALL COMPONENTS OF THE SYSTEM IN THE CEILING SPACE PRIOR TO INSTALLATION.

N
PLAN NORTH

BASEMENT FLOOR PLAN - HYDRONIC PIPING

1/4" = 1'-0" | 01

Professional Engineer
ANDREW B. ELSTON
14282
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7
ARCHITECTS
Casper, WY
www.statelinearchitects.com

THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. ARCHITECTS. COPYRIGHT

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

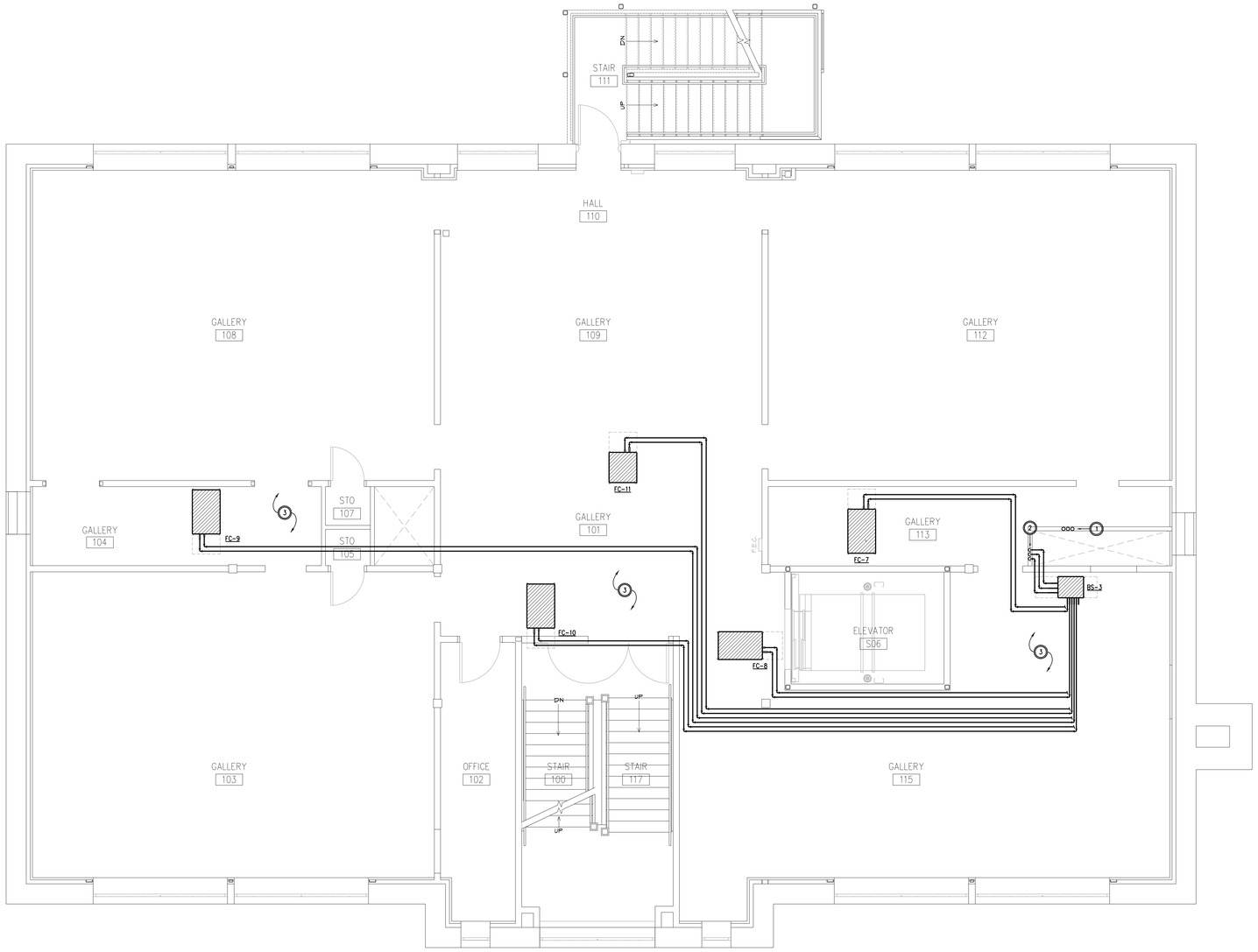
DATE
11/20/2017

DRAWN BY
AE/KRD

DISK ID.

SHEET TITLE
PHASE 1
BASEMENT
FLOOR PLAN -
HYDRONIC PIPING

SHEET NUMBER
15.41



N
PLAN NORTH

1/4" = 1'-0" | 01

FIRST FLOOR PLAN - HYDRONIC PIPING

GENERAL NOTES

1. INSTALL ALL HORIZONTAL REFRIGERANT LINE SET HIGH AND TIGHT TO THE STRUCTURE ABOVE OR UP WITHIN THE JOIST SPACE. ALL VERTICAL REFRIGERANT LINE SET INSTALLED WITHIN WALL FRAMING OR IN CHASES. SEE DETAIL SHEET FOR SIZES.
2. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MFGR'S INSTRUCTIONS.
3. PROVIDE ACCESS DOORS AS REQ'D IN ALL HARD CEILING FOR ROUTINE MAINTENANCE OF ALL COMPONENTS OF THE SYSTEM.

KEYED NOTES

1. INSTALL REFRIGERANT PIPING UP IN WALL FRAMING FROM BELOW TO SERVE THE 2ND LEVEL. (BASE BID).
2. INSTALL REFRIGERANT PIPING UP IN WALL FRAMING FROM BELOW TO SERVE THE 1ST LEVEL.
3. FIELD VERIFY MFGR'S ACCESS INTO ALL COMPONENTS OF THE SYSTEM IN THE CEILING SPACE PRIOR TO INSTALLATION.

Professional Engineer
ANDREW B. ELSTON
14282
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7 ARCHITECTS
Cowan Jay
307.283.1717
www.statelineA7.com
Box 1000 Center Street
Casper, WY 82602
307.237.1717 Fax

THESE DRAWINGS AND THE EXHIBITS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. © COPYRIGHT

Engineering Design Associates
1607 CY Ave. Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

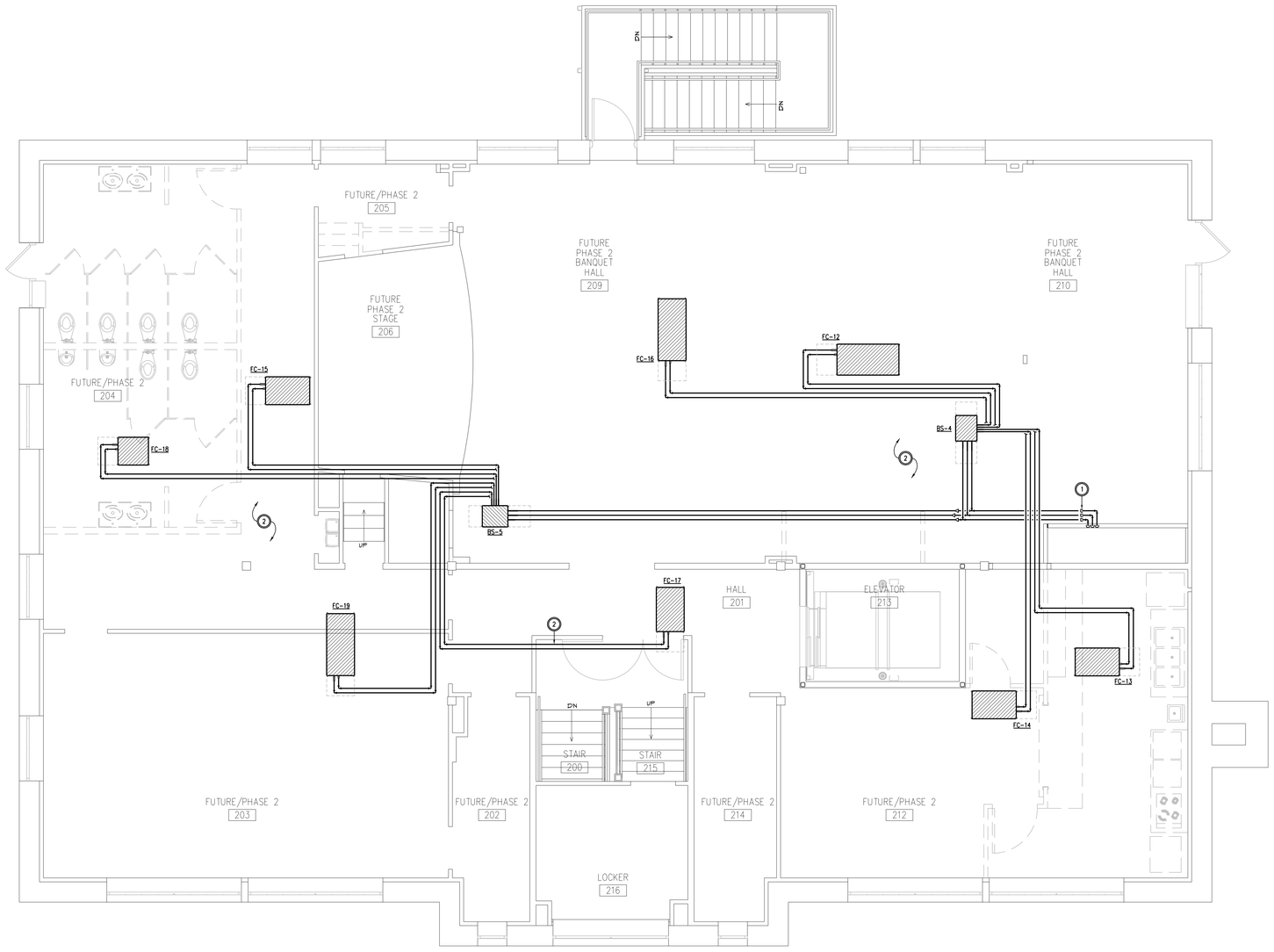
DATE
11/20/2017

DRAWN BY
AE/KRD

DISK ID.

SHEET TITLE
PHASE 1
FIRST
FLOOR PLAN -
HYDRONIC PIPING

SHEET NUMBER
15.42



N
PLAN NORTH

1/4" = 1'-0" | 01

SECOND FLOOR PLAN - HYDRONIC PIPING

GENERAL NOTES

1. INSTALLATION OF ALL EQUIPMENT AND REFRIGERANT PIPING IN THE ATTIC SPACE IS ALTERNATE #1.
2. INSTALL ALL HORIZONTAL REFRIGERANT LINE SET HIGH AND TIGHT TO THE STRUCTURE ABOVE OR UP WITHIN THE JOIST SPACE. ALL VERTICAL REFRIGERANT LINE SET INSTALLED WITHIN WALL FRAMING OR IN CHASES. SEE DETAIL SHEET FOR SIZES.
3. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MFGR'S INSTRUCTIONS.
4. COORDINATE INSTALLATION OF PIPING WITH ALL OTHER TRADES PRIOR TO INSTALLATION OF PIPING.

KEYED NOTES

1. INSTALL REFRIGERANT PIPING UP IN WALL FRAMING FROM BELOW TO SERVE THE 2ND LEVEL AND CAP IN THE ATTIC SPACE. (BASE BID).
2. FIELD VERIFY MFGR'S ACCESS INTO ALL COMPONENTS OF THE SYSTEM IN THE ATTIC PRIOR TO INSTALLATION.

Professional Engineer
ANDREW B. ELSTON
14282
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline Architects
Cheyenne, WY
www.statelinearchitects.com
307.637.7700
4411 Dell Range Cheyenne, Wyoming 82009

THESE DRAWINGS AND THE DESIGNS THEREIN ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE ARCHITECTS. COPYRIGHT 2016

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

DATE
11/20/2017

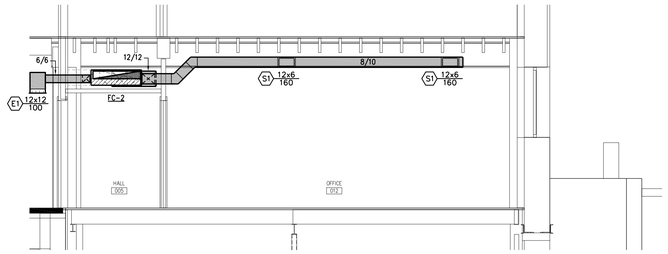
DRAWN BY
AE/KRD

DISK ID.

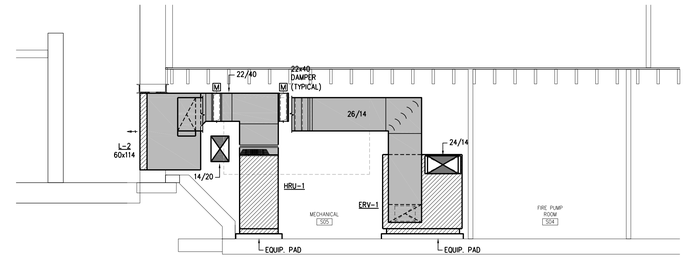
SHEET TITLE
PHASE 1
SECOND
FLOOR PLAN -
HYDRONIC PIPING

SHEET NUMBER
15.43

NOT USED 1/4" = 1'-0" 07

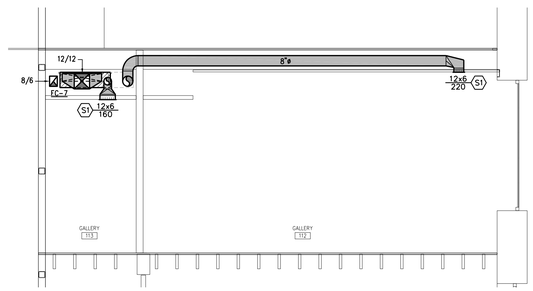


SECTION 'D' 1/4" = 1'-0" 04

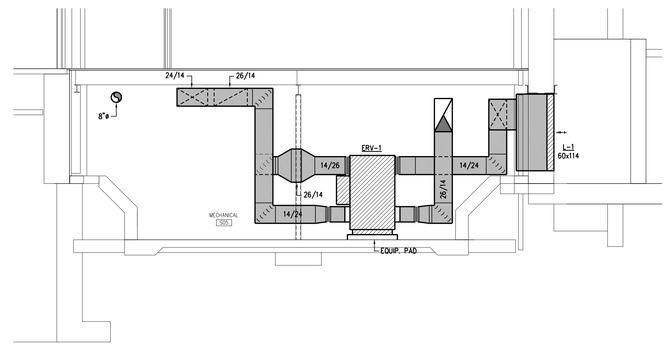


SECTION 'A' 1/4" = 1'-0" 01

NOT USED 1/4" = 1'-0" 08

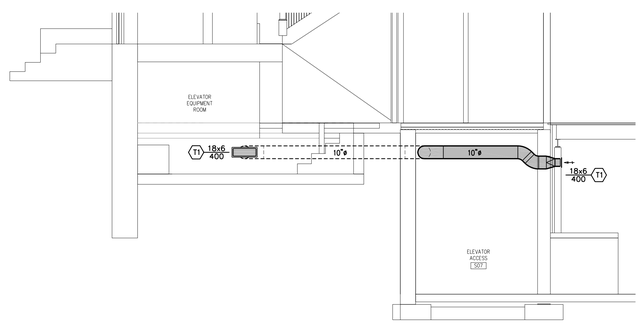


SECTION 'E' 1/4" = 1'-0" 05

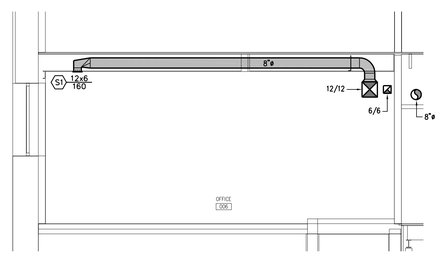


SECTION 'B' 1/4" = 1'-0" 03

NOT USED 1/4" = 1'-0" 09



SECTION 'F' 1/4" = 1'-0" 06



SECTION 'C' 1/4" = 1'-0" 03

Professional Engineer
ANDREW B. ELSTON
14262
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline Architects № 7
Cheyenne, WY
307.637.7450
www.statelinearchitects.com

THESE DRAWINGS AND THE DESIGNS THEREIN ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS. COPYRIGHT 2016

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

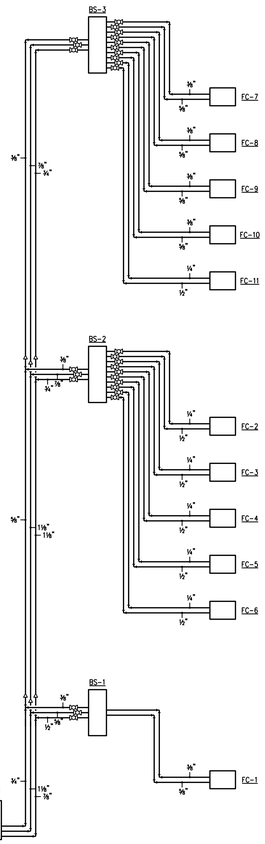
DATE
11/20/2017

DRAWN BY
AE/KRD

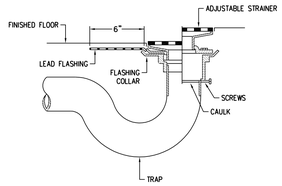
DISK ID.

SHEET TITLE
PHASE 1 MECHANICAL SECTIONS

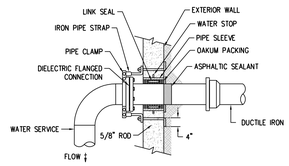
SHEET NUMBER
15.50



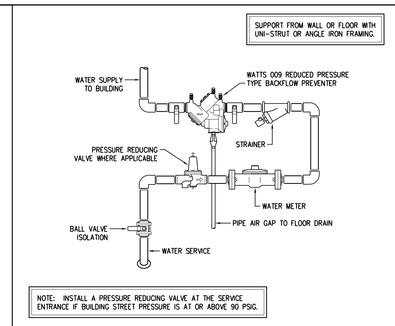
HRU-1 PIPING LAYOUT NO SCALE 23



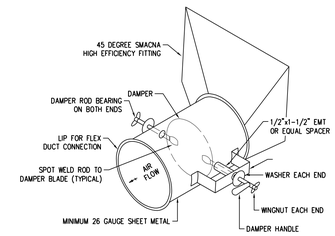
FLOOR DRAIN DETAIL NO SCALE 19



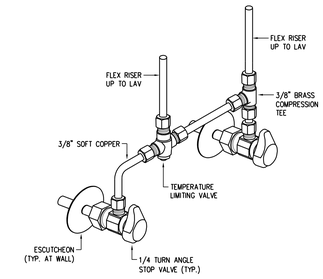
ANCHOR FOR WATER SERVICE NO SCALE 14



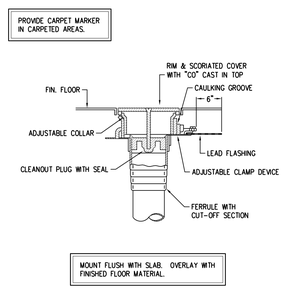
WATER SERVICE DETAIL NO SCALE 10



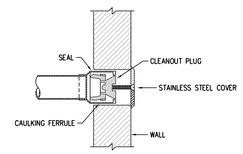
HIGH EFFICIENCY TAKE OFF NO SCALE 06



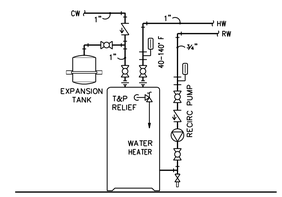
UNDERSINK TEMP. LIMITING VALVE DETAIL NO SCALE 01



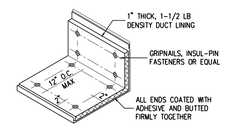
FLOOR CLEANOUT DETAIL NO SCALE 20



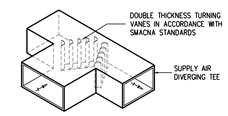
WALL CLEANOUT DETAIL NO SCALE 15



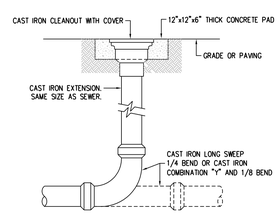
WATER HEATER DETAIL NO SCALE 11



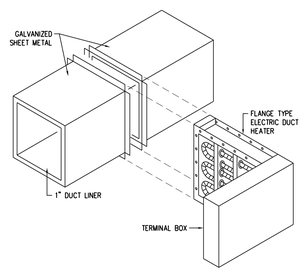
DUCT LINING DETAIL NO SCALE 07



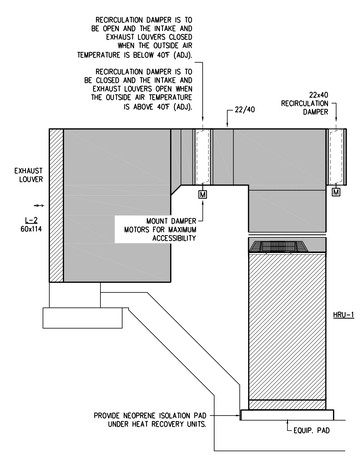
DUCTED TEE DETAIL NO SCALE 02



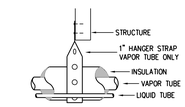
GRADE CLEANOUT DETAIL NO SCALE 21



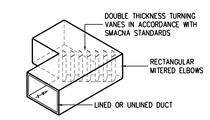
ELECTRIC DUCT HEATER NO SCALE 16



HEAT RECOVERY INSTALLATION DETAIL NO SCALE 12

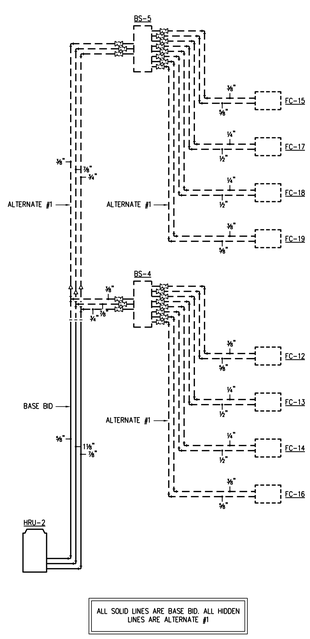


REFRIGERANT PIPING DETAIL NO SCALE 08

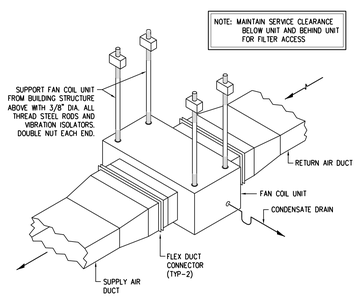


DUCT ELBOW DETAIL NO SCALE 03

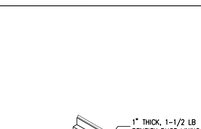
NOT USED NO SCALE 24



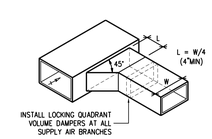
HRU-2 PIPING LAYOUT NO SCALE 22



FAN COIL INSTALLATION DETAIL NO SCALE 17

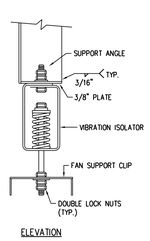


TRAPEZE HANGER DETAIL NO SCALE 09

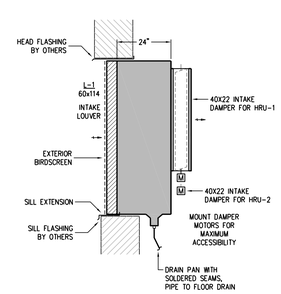


BRANCH DUCT DETAIL NO SCALE 04

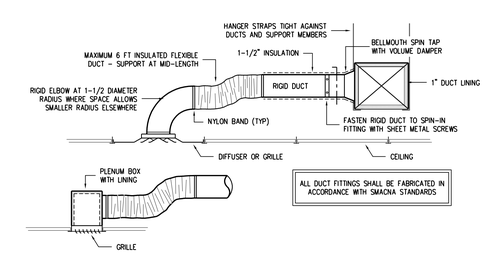
NOT USED NO SCALE 25



CEILING SUPPORTED VIBRATION ISOLATION NO SCALE 18



INTAKE LOUVER DETAIL NO SCALE 13



CONCEALED DUCT TAKE-OFF DETAIL NO SCALE 05

Professional Engineer
ANDREW B. ELSTON
14282
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline Architects
Copyright 2017
www.statelinearchitects.com
THESE DRAWINGS AND THE DESIGNS HERE ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS. REPRODUCTION OR DISTRIBUTION WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE ARCHITECTS IS PROHIBITED.

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

DATE
11/20/2017

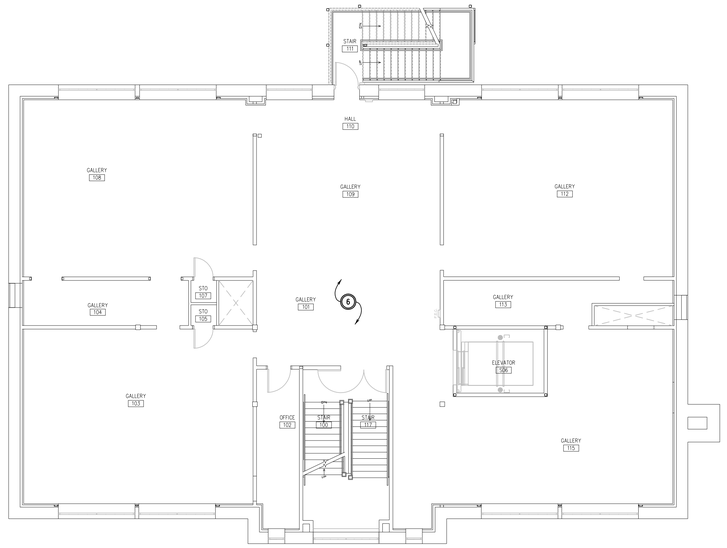
DRAWN BY
AE/KRD

DISK ID.

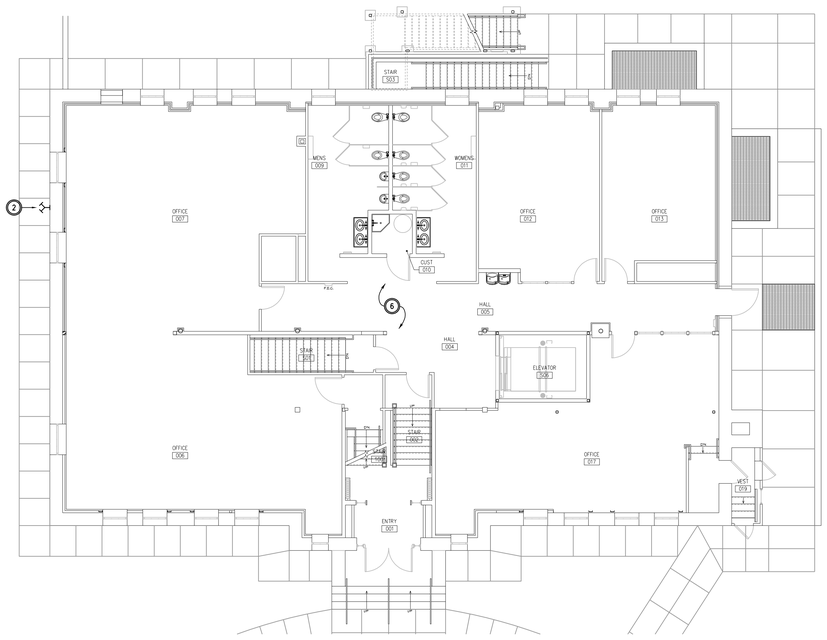
SHEET TITLE
PHASE 1 DETAILS

SHEET NUMBER
15.51

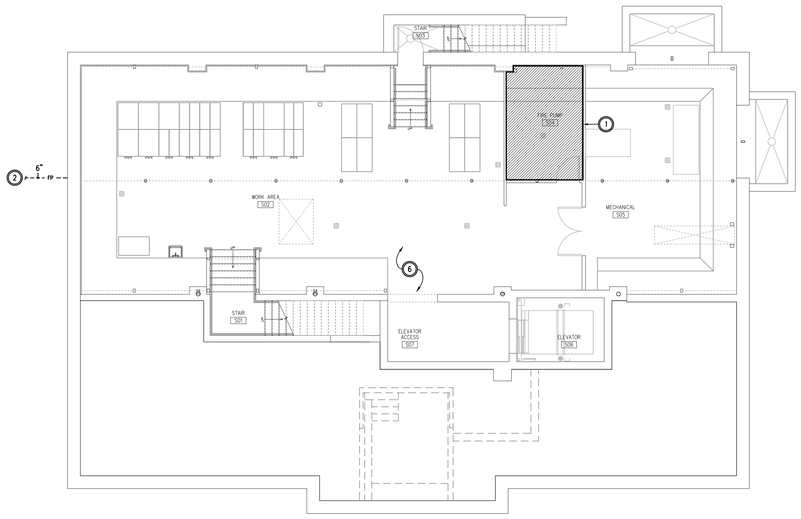
SECOND FLOOR AND ATTIC PLAN - FIRE PROTECTION 1/4" = 1'-0" 04



FIRST FLOOR PLAN - FIRE PROTECTION 1/4" = 1'-0" 03



BASEMENT FLOOR PLAN - FIRE PROTECTION 1/4" = 1'-0" 02



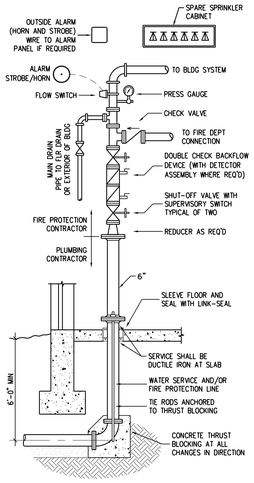
SUB-BASEMENT FLOOR PLAN - FIRE PROTECTION 1/4" = 1'-0" 01

GENERAL NOTES

1. CONTRACTORS ARE TO EXAMINE THIS SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
2. COORDINATE LOCATIONS AND REQUIREMENTS WITH OTHER TRADES PRIOR TO FABRICATION OF MATERIALS, PLAN OFFSETS AS REQ'D TO AVOID CONFLICTS WITH DUCTWORK AND STRUCTURE.
3. FURNISH AND INSTALL AN AUTOMATIC FIRE SPRINKLER SYSTEM AND FIRE PUMP SYSTEM TO PROTECT ALL AREAS OF THE BLDG. SYSTEMS SHALL MEET OR EXCEED MINIMUM REQUIREMENTS OF NATIONALLY RECOGNIZED FIRE PROTECTION STANDARDS. SEE SPECIFICATIONS.
4. CONNECT FIRE PUMP TO A WATER LINE TO ENSURE FULL AND SUSTAINED WATER DISCHARGE FOR THE REQ'D DURATION. SEE MECHANICAL AND CIVIL DRAWINGS AND SPECIFICATIONS FOR WATER SUPPLY LINE.
5. ALL PORTIONS OF THE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE DRAWINGS, DETAILS AND SPECIFICATIONS, AND AS REQ'D BY JURISDICTIONAL AUTHORITIES AND CODES.
6. THIS CONTRACTOR SHALL PROVIDE PROFESSIONAL SERVICES BY A PROPERLY LICENSED DESIGN PROFESSIONAL, WHOSE SIGNATURE AND SEAL SHALL APPEAR ON ALL DRAWINGS, CALCULATIONS, SPECIFICATIONS, CERTIFICATIONS, SHOP DRAWINGS, AND OTHER SUCH SUBMITTALS.
7. COORDINATE ALL PIPING AND HEAD LOCATION WITH ARCHITECT TO MAINTAIN A PLEASING VISUAL APPEARANCE.
8. FIRE PROTECTION CONTRACTOR SHALL PLAN A PRE-INSTALLATION MEETING WITH ALL TRADES, GC, ARCHITECT, AND OWNER, PRIOR TO INSTALLATION OF FIRE PROTECTION SYSTEM PIPING.
9. PRIOR TO FABRICATING NEW FIRE PROTECTION SYSTEM PIPING, MAKE ALL NECESSARY ADJUSTMENTS TO PIPE SPACING TO CLEAR BUILDING STRUCTURE, DUCTWORK, OTHER PIPING SYSTEMS, ELECTRICAL COMPONENTS, & LIGHTING FIXTURES, ETC. FIRE PROTECTION CONTRACTOR SHALL RELOCATE ANY FIRE PROTECTION PIPING AND DEVICES THAT ARE INSTALLED WHERE THEY CONFLICT WITH OTHER TRADES AT HIS OWN COST.
10. FIRE PROTECTION SYSTEM CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING WATER SUPPLY.
11. IT IS RECOMMENDED THAT PROSPECTIVE FIRE PROTECTION SYSTEM BIDDERS CONTACT THE CITY OF SUNDANCE W/ ANY QUESTIONS REGARDING THE CITY WATER SUPPLY SYSTEM PRIOR TO PREPARING & SUBMITTING BIDS.

KEYED NOTES

1. DESIGNATED LOCATION OF FIRE PUMP ROOM. SEE FIRE PROTECTION SPECIFICATIONS.
2. REFER TO CIVIL PLANS FOR PIPING CONTINUATION. IT IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE WITH THE SITE UTILITY DRAWINGS AND SITE UTILITY CONTRACTOR FOR ALL BUILDING SERVICES SHOWN ON THESE DRAWINGS.
3. SUGGESTED FIRE DEPT CONNECTION AND ALARM LOCATION. COORDINATE WITH OTHER TRADES AND CONFIRM WITH THE AHJ PRIOR TO DESIGN AND INSTALLATION.
4. COORDINATE ALL PIPING AND HEAD LOCATION WITH ARCHITECT TO MAINTAIN A PLEASING VISUAL APPEARANCE.
5. ATTIC SYSTEM TO BE A DRY SYSTEM. SEE FIRE PROTECTION SPECIFICATIONS.
6. REFER TO ARCHITECTURAL PLANS FOR AREA OCCUPANCY CLASSIFICATIONS AND CEILING TYPES.



GENERAL REQUIREMENTS ONLY – REVISE INSTALLATION AS REQ'D FOR ACTUAL SYSTEM AND FIRE PUMP DESIGN

FIRE PROTECTION DETAIL NO SCALE 05

Professional Engineer
ANDREW B. ELSTON
14282
Date 11-20-17
WYOMING

OLD STONEY REMODEL
PHASE ONE
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7 ARCHITECTS
Cowan Wy
www.statelineA7.com
307.267.5711
Fax 307.267.5712
Post Office Box 1
Cowan Street
Sundance, Wyoming 82729

THESE DRAWINGS AND THE DESIGNS THEREIN ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS.
COPYRIGHT 2017

Engineering Design Associates
Professional Engineering Company
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

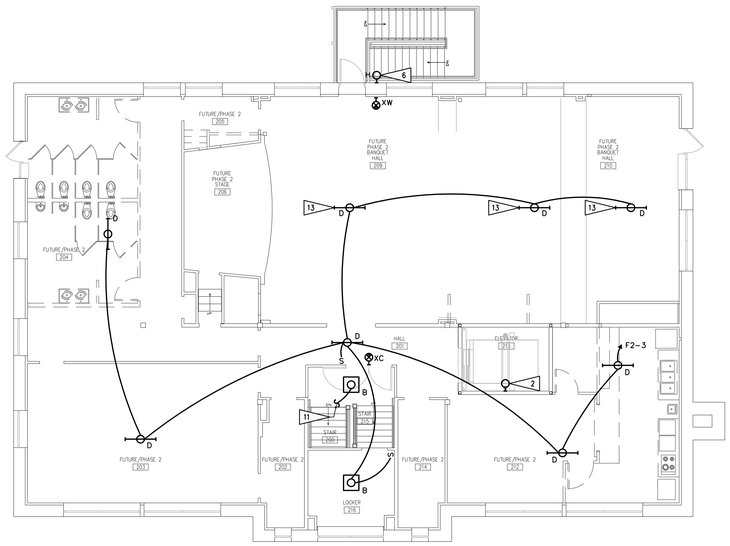
DATE
11/20/2017

DRAWN BY
AE/KRD

DISK ID.

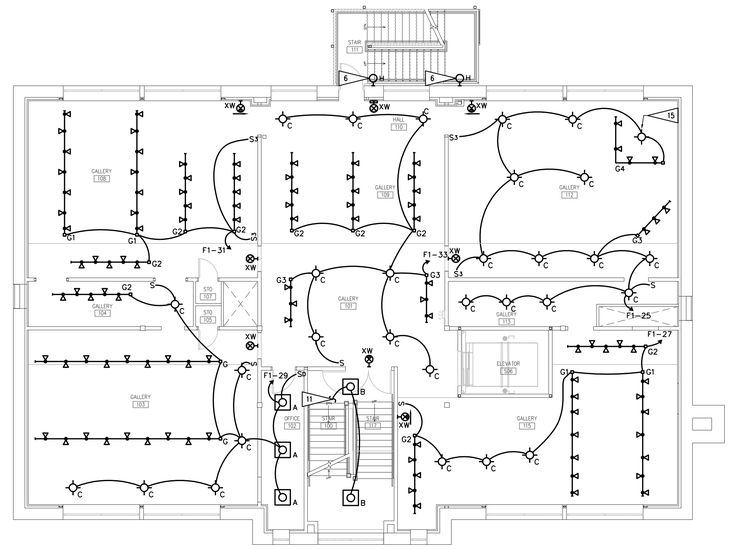
SHEET TITLE
FIRE PROTECTION FLOOR PLANS

SHEET NUMBER
15.60



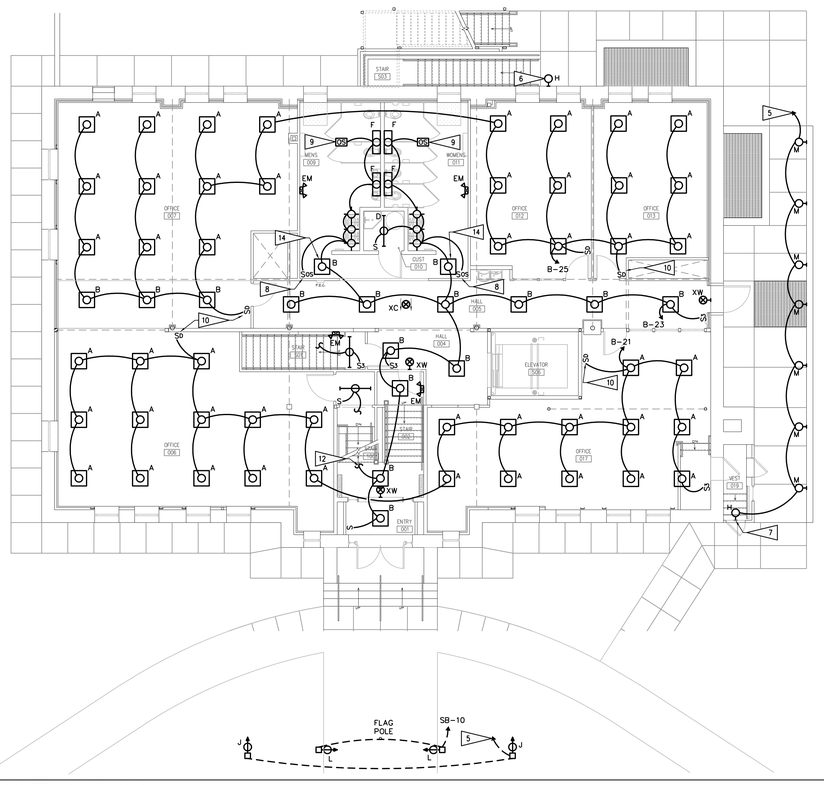
N PLAN NORTH

SECOND FLOOR LIGHTING PLAN 1/8" = 1'-0" 04



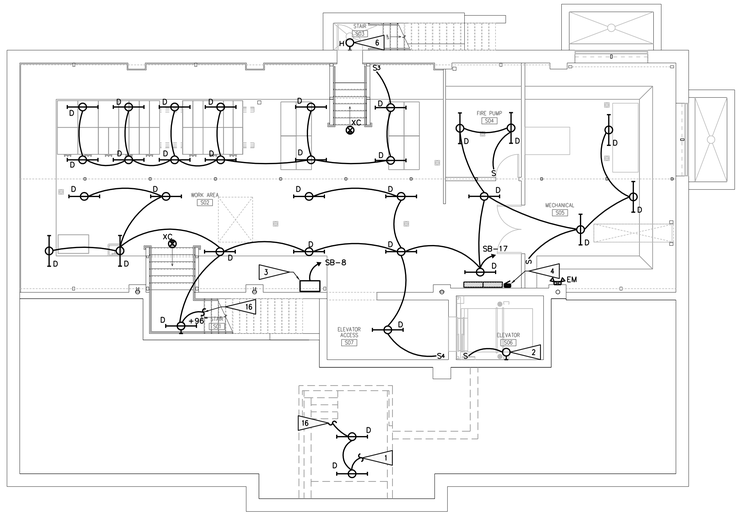
N PLAN NORTH

FIRST FLOOR LIGHTING PLAN 1/8" = 1'-0" 03



N PLAN NORTH

BASEMENT AND SITE LIGHTING PLAN 1/8" = 1'-0" 02



N PLAN NORTH

SUB-BASEMENT LIGHTING PLAN 1/8" = 1'-0" 01

GENERAL NOTES:

1. SEE SPECIFICATIONS FOR MATERIALS AND METHODS.
2. ELECTRICAL INSTALLATIONS SHALL COMPLY WITH NEC, STATE AND LOCAL CODES.
3. INSTALL EQUIPMENT GROUNDING CONDUCTORS IN ALL CONDUITS.
4. CONTRACTORS ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
5. DEVICE LOCATIONS ARE SHOWN DIAGRAMATICALLY, EC IS RESPONSIBLE FOR FINAL DEVICE LOCATIONS, COORDINATED WITH ALL ROOM INTERFERENCES.
6. ALL PENETRATIONS FOR RACEWAY AND WIRE WHICH ARE FURNISHED AND INSTALLED BY THE EC, THAT PENETRATE FLOORS, FIRE AND/OR SMOKE WALLS, AND FULL HEIGHT PARTITIONS (INCLUDING CHASE WALLS) SHALL BE SEALED WITH A SYSTEM SPECIFICALLY UL APPROVED FOR THE APPLICATION, TO MAINTAIN FIRE RATING. SEE ARCHITECTURAL DRAWINGS.
7. CONNECT ALL EXIT AND EGRESS LIGHT FIXTURES TO NEAREST UNSWITCHED LIGHTING CIRCUIT.
8. THE WALL FINISH OF THE FIRST FLOOR IS FIRE-TREATED PLYWOOD. COORDINATE INSTALLATION OF ELECTRICAL DEVICES, BOXES, AND FACE PLATES WITH THIS TYPE OF CONSTRUCTION.

FLAG NOTES:

1. CONNECT CIRCUIT NOTED TO ELEVATOR CONTROL ROOM RECEPTACLE CIRCUIT.
2. PROVIDE NEW 120V LIGHT FIXTURE IN ELEVATOR PIT AND AT TOP OF ELEVATOR SHAFT. CONNECT TO ELEVATOR PIT RECEPTACLE CIRCUIT. PROVIDE LIGHT SWITCH AT SHAFT ENTRANCE. LOCATE SWITCH AND LIGHT FIXTURES AS DIRECTED BY ELEVATOR MANUFACTURER. FIXTURE TO BE RED DOT #VWG-01-C OR ACCEPTABLE EQUAL WITH 75W EQUIVALENT ENCLOSED-RATED LED LAMP. CONNECT TO ELEVATOR PIT RECEPTACLE CIRCUIT.
3. EMERGENCY EGRESS LIGHTING UPS. 550VA, 120V WITH 10YR. SEALED LEAD CALCIUM BATTERY AND CIRCUIT BREAKER. CHLORIDE CHUPS-550-A-OCB1 OR ACCEPTABLE EQUAL.
4. EXTERIOR LIGHTING CONTROL PANEL. SEE LIGHTING CONTROL DETAIL.
5. CONNECT CIRCUIT NOTED TO EMERGENCY UPS VIA EXTERIOR LIGHTING CONTROL PANEL.
6. CONNECT LIGHT FIXTURE NOTED TO EMERGENCY UPS VIA EXTERIOR LIGHTING CONTROL PANEL.
7. MOUNT FIXTURE NOTED 6" ABOVE DOOR.
8. PROVIDE WALL SWITCH, LINE VOLTAGE, AUTO-ON/AUTO-OFF, DUAL TECHNOLOGY, OCCUPANCY SENSOR. WATTSTOPPER DSW-301 OR ACCEPTABLE EQUAL.
9. PROVIDE CEILING MOUNTED, LINE VOLTAGE, AUTO-ON/AUTO-OFF, DUAL TECHNOLOGY, OCCUPANCY SENSOR. WATTSTOPPER DT-355 OR ACCEPTABLE EQUAL.
10. DIMMING SWITCH, OCCUPANCY SENSOR SHALL BE 120V, 0-10V, WITH ON/OFF SWITCH COMPATIBLE WITH LED FIXTURES. LEVITON IP710-LFZ OR ACCEPTABLE EQUAL.
11. CONNECT CIRCUIT NOTED TO SWITCHED STAIR LIGHTING CIRCUIT ON PREVIOUS FLOOR.
12. CONNECT CIRCUIT NOTED TO STAIR LIGHT FIXTURES ON UPPER FLOORS.
13. DO NOT DAMAGE EXISTING TIN CEILING TILES DURING INSTALLATION OF THE LIGHT FIXTURE NOTED.
14. SWITCH LIGHT FIXTURE NOTED WITH HALLWAY LIGHT FIXTURES.
15. HANG FIXTURE NOTED DOWN THROUGH THE TOP OF THE TEEPEE DISPLAY. VERIFY LOCATION AND HEIGHT WITH OWNER.
16. CONNECT TO SWITCHED LIGHTING CIRCUIT AT THE TOP OF THE STAIRS.

Professional Engineer (Electrical) MONTE N. SCHEER 10099 Date 11/20/17 WYOMING

OLD STONEY REMODEL
CROOK COUNTY MUSEUM DISTRICT
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline Architects
Casper, WY
www.statelinearchitects.com
307.237.9471 Fax

THESE DRAWINGS AND THE DESIGNS THEREIN ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE ARCHITECTS, CASPER, WYOMING.

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

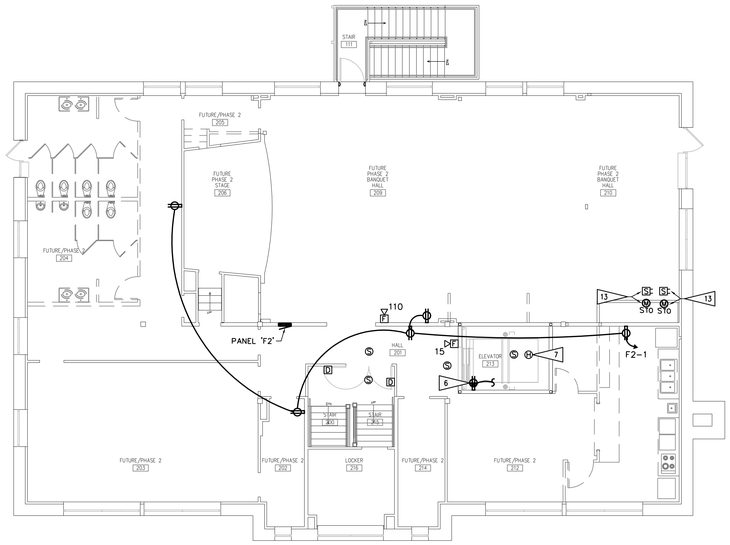
DATE
11/20/2017

DRAWN BY
MNS

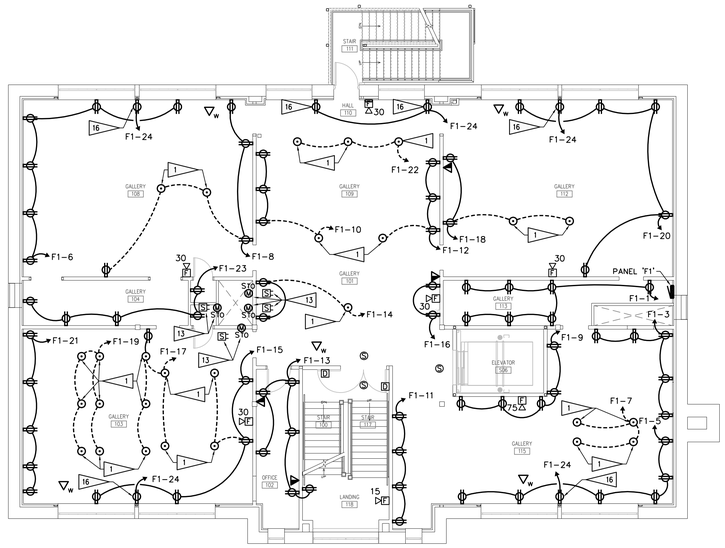
DISK ID.

SHEET TITLE
PHASE 1
LIGHTING PLANS

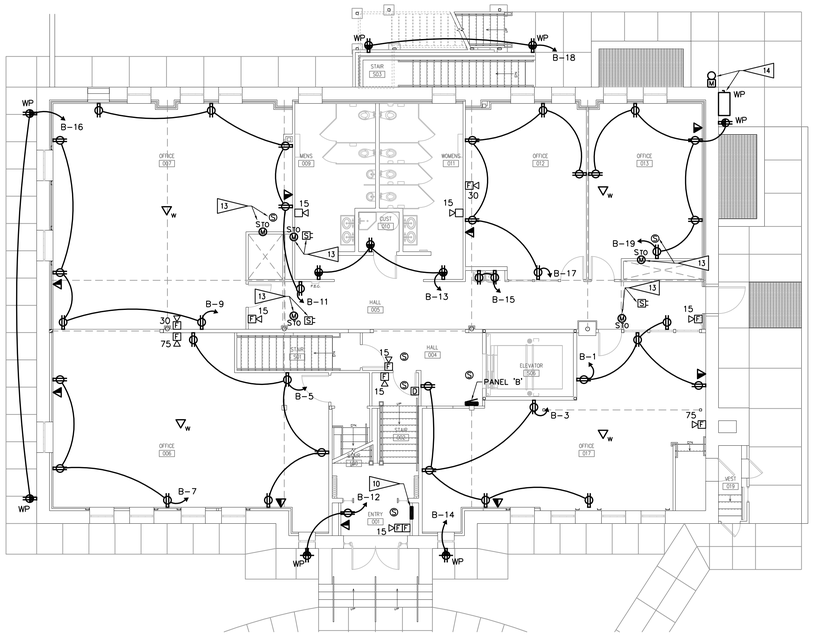
SHEET NUMBER
16.10



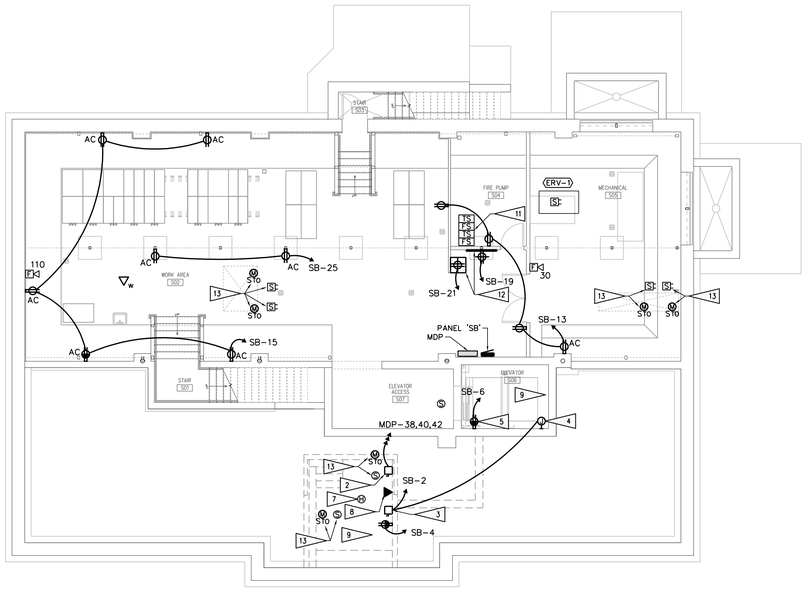
SECOND FLOOR POWER PLAN 1/8" = 1'-0" 04



FIRST FLOOR POWER PLAN 1/8" = 1'-0" 03



BASEMENT POWER PLAN 1/8" = 1'-0" 02



SUB-BASEMENT POWER PLAN 1/8" = 1'-0" 01

GENERAL NOTES:

1. SEE SPECIFICATIONS FOR MATERIALS AND METHODS.
2. ELECTRICAL INSTALLATIONS SHALL COMPLY WITH NEC, STATE AND LOCAL CODES.
3. INSTALL EQUIPMENT GROUNDING CONDUCTORS IN ALL CONDUITS.
4. CONTRACTORS ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
5. DEVICE LOCATIONS ARE SHOWN DIAGRAMATICALLY, EC IS RESPONSIBLE FOR FINAL DEVICE LOCATIONS, COORDINATED WITH ALL ROOM INTERFERENCES.
6. ALL PENETRATIONS FOR RACEWAY AND WIRE WHICH ARE FURNISHED AND INSTALLED BY THE EC, THAT PENETRATE FLOORS, FIRE AND/OR SMOKE WALLS, AND FULL HEIGHT PARTITIONS (INCLUDING CHASE WALLS) SHALL BE SEALED WITH A SYSTEM SPECIFICALLY UL APPROVED FOR THE APPLICATION, TO MAINTAIN FIRE RATING. SEE ARCHITECTURAL DRAWINGS.
7. FOR TEMPERATURE CONTROL EQUIPMENT, ALL POWER WIRING 120V AND ABOVE BY EC, LESS THAN 120V ROUGH-IN BY EC, LOW VOLTAGE POWER AND CONTROL WIRING BY MC. COORDINATE ALL HVAC POWER/CONTROL WIRING WITH MC.
8. FOR WALL MOUNTED SENSORS (TEMPERATURE, CO2, PRESSURE, ETC.) EC TO PROVIDE A DEEP 4" SQUARE BOX, SINGLE GANG RING, AND 1/2" EMT WITH BUSHINGS AND PULL STRING TO MECHANICAL EQUIPMENT. SEE MECHANICAL DRAWINGS FOR LOCATIONS AND QUANTITIES.
9. THE WALL FINISH OF THE FIRST FLOOR IS FIRE-TREATED PLYWOOD. COORDINATE INSTALLATION OF ELECTRICAL DEVICES, BOXES, AND FACE PLATES WITH THIS TYPE OF CONSTRUCTION.

FLAG NOTES:

1. PROVIDE SINGLE-GANG FLOOR BOX WITH (1) DUPLEX RECEPTACLE. FLOOR BOX SHALL BE HUBBELL B2481 WITH RECTANGULAR FLANGE AND DUPLEX FLAP COVER OR ACCEPTABLE EQUAL. COLOR TO BE BRASS. VERIFY EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.
2. PROVIDE 300A-208V-3 PH SHUNT-TRIP CIRCUIT BREAKER FOR ELEVATOR MACHINE. BREAKER SHALL BE LOCKABLE OPEN. FEEDER SHALL BE 2"C-4#3/0 + #4 GND. VERIFY BREAKER AND FEEDER SIZE WITH ELEVATOR MANUFACTURER. CONNECT TO CONTROL CABINET AS DIRECTED BY MANUFACTURER.
3. PROVIDE LOCKABLE OPEN DISCONNECTING MEANS FOR ELEVATOR CAR LIGHTS, RECEPTACLES, AND VENTILATION. CONNECT TO ELEVATOR CAR AS DIRECTED BY ELEVATOR MANUFACTURER.
4. PROVIDE CONNECTION FOR ELEVATOR CAR LIGHTS, RECEPTACLES, VENTILATION, ETC. PER ELEVATOR MANUFACTURER.
5. INSTALL RECEPTACLE NOTED IN ELEVATOR PIT. LOCATE PER ELEVATOR MANUFACTURER'S DIRECTIONS.
6. INSTALL RECEPTACLE NOTED AT TOP OF ELEVATOR SHAFT. LOCATE PER ELEVATOR MANUFACTURER'S DIRECTIONS. CONNECT TO ELEVATOR PIT RECEPTACLE CIRCUIT.
7. PROVIDE NEW HEAT DETECTOR IN ELEVATOR EQUIPMENT ROOM AND AT TOP OF ELEVATOR SHAFT. CONNECT DETECTOR TO SHUNT-TRIP ELEVATOR EQUIPMENT UPON ALARM. LOCATE DETECTOR WITHIN 2' OF SPRINKLER HEAD.
8. PROVIDE ONE DEDICATED PHONE LINE FOR ELEVATOR. LOCATE AS DIRECTED BY ELEVATOR MANUFACTURER.
9. ALL EQUIPMENT, DEVICES AND CONNECTIONS FOR ELEVATOR SHALL BE INSTALLED PER NEC 620 AND MANUFACTURERS DIRECTIONS.
10. FIRE ALARM CONTROL PANEL. SEE FIRE ALARM RISER DIAGRAM.
11. PROVIDE FIRE ALARM MONITOR MODULES AS REQUIRED FOR AT LEAST (2) TAMPER SWITCHES, (2) FLOW SWITCHES, (1) PRESSURE ALARM SWITCH, AND (1) LOW AIR ALARM. VERIFY LOCATIONS WITH FIRE PROTECTION PROVIDER. SEE FIRE PROTECTION SPECIFICATION FOR DETAILS.
12. TELEPHONE EQUIPMENT MOUNTING BOARD AND DATA RACK. SEE DETAIL 2/16.40.
13. COMBINATION SMOKE/FIRE DAMPER. CONNECT TO FIRE ALARM SYSTEM REQUIRED BY CODE. LOCATE SMOKE DETECTORS AS DIRECTED BY IMC 607. CONFIRM LOCATION OF DAMPER WITH MC.
14. MAIN SERVICE ENTRANCE DISCONNECT AND METER. VERIFY REQUIREMENTS WITH UTILITY COMPANY; SEE DETAIL 1/16.40.
15. PROVIDE GFCI BREAKER FOR WATER COOLER CIRCUIT NOTED.
16. INSTALL RECEPTACLE NOTED ABOVE WINDOW FOR MOTOR OPERATED SHADE(S). VERIFY LOCATION WITH WINDOW SHADE INSTALLER PRIOR TO INSTALLATION.

Professional Engineer (Electrical) MONTE N. SCHER 10099 Date 11/20/17 WYOMING

OLD STONEY REMODEL
CROOK COUNTY MUSEUM DISTRICT
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline Architects
Casper, WY
www.statelinearch.com

THESE DRAWINGS AND THE DESIGNS HEREILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE ARCHITECTS. COPYRIGHT 2

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

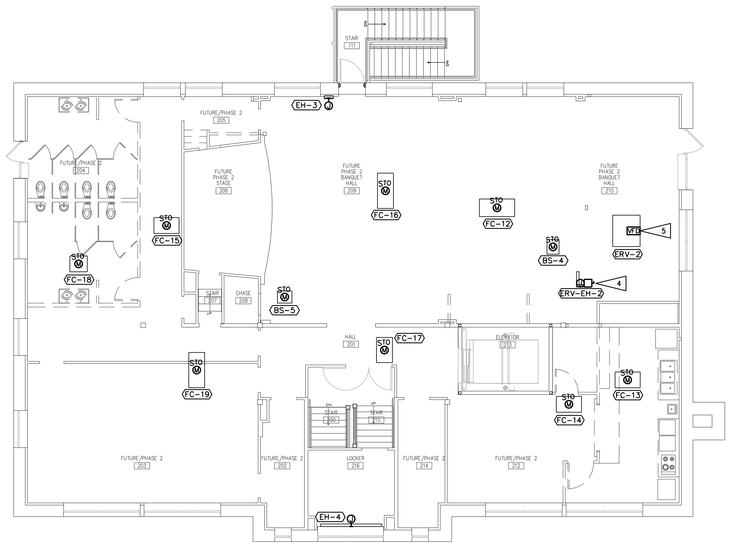
DATE
11/20/2017

DRAWN BY
MNS

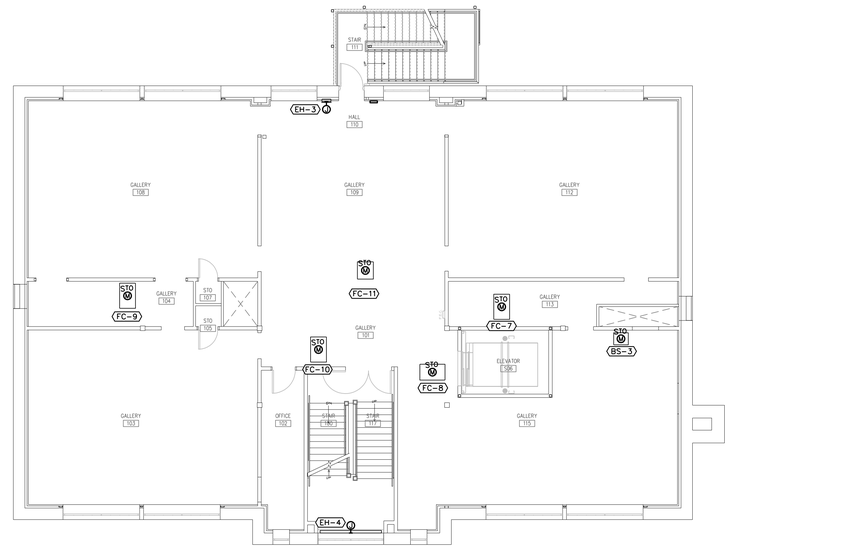
DISK ID.

SHEET TITLE
PHASE 1
POWER PLANS

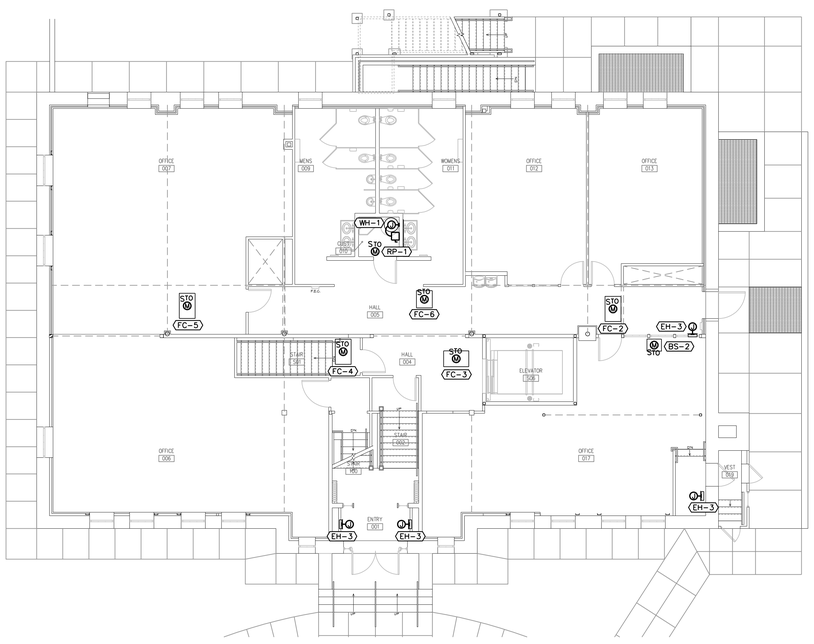
SHEET NUMBER
16.20



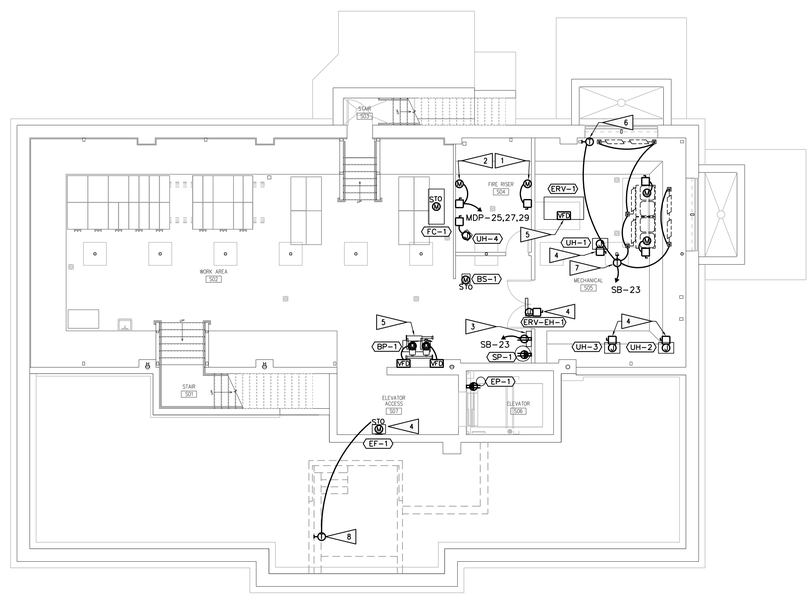
SECOND FLOOR MECHANICAL CONNECTIONS 1/8" = 1'-0" 04



FIRST FLOOR MECHANICAL CONNECTIONS 1/8" = 1'-0" 03



BASEMENT MECHANICAL CONNECTIONS 1/8" = 1'-0" 02



SUB-BASEMENT MECHANICAL CONNECTIONS 1/8" = 1'-0" 01

GENERAL NOTES:

1. SEE SPECIFICATIONS FOR MATERIALS AND METHODS.
2. ELECTRICAL INSTALLATIONS SHALL COMPLY WITH NEC, STATE AND LOCAL CODES.
3. INSTALL EQUIPMENT GROUNDING CONDUCTORS IN ALL CONDUITS.
4. CONTRACTORS ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
5. DEVICE LOCATIONS ARE SHOWN DIAGRAMATICALLY, EC IS RESPONSIBLE FOR FINAL DEVICE LOCATIONS, COORDINATED WITH ALL ROOM INTERFERENCES.
6. ALL PENETRATIONS FOR RACEWAY AND WIRE WHICH ARE FURNISHED AND INSTALLED BY THE EC, THAT PENETRATE FLOORS, FIRE AND/OR SMOKE WALLS, AND FULL HEIGHT PARTITIONS (INCLUDING CHASE WALLS) SHALL BE SEALED WITH A SYSTEM SPECIFICALLY UL APPROVED FOR THE APPLICATION, TO MAINTAIN FIRE RATING. SEE ARCHITECTURAL DRAWINGS.
7. FOR TEMPERATURE CONTROL EQUIPMENT, ALL POWER WRING 120V AND ABOVE BY EC, LESS THAN 120V ROUGH-IN BY EC, LOW VOLTAGE POWER AND CONTROL WIRING BY MC. COORDINATE ALL HVAC POWER/CONTROL WIRING WITH MC.
8. FOR WALL MOUNTED SENSORS (TEMPERATURE, CO2, PRESSURE, ETC.) EC TO PROVIDE A DEEP 4" SQUARE BOX, SINGLE GANG RING, AND 1/2" EMT AND PULL STRING TO CONTROLLED EQUIPMENT. SEE MECHANICAL DRAWINGS FOR LOCATIONS AND QUANTITIES.
9. MECHANICAL EQUIPMENT SHOWN INSTALLED ON THE SECOND FLOOR IS ALTERNATE #1. SEE MECHANICAL DRAWINGS.

FLAG NOTES:

1. 30HP, 208, 3 PHASE FIRE PUMP AND CONTROLLER PROVIDED IN ROOM NOTED BY OTHERS. VERIFY LOCATION WITH FIRE PROTECTION INSTALLER. SEE ONE-LINE DIAGRAM. ALL FIRE PUMP CONNECTIONS AND INSTALLATIONS TO BE PER NEC 695. SEE FIRE PROTECTION SPECIFICATION FOR DETAILS.
2. 2 HP, 208V, 3 PHASE PRESSURE MAINTENANCE PUMP AND CONTROLLER PROVIDED IN ROOM NOTED BY OTHERS. VERIFY LOCATION WITH FIRE PROTECTION INSTALLER. CONNECT TO CIRCUIT SHOWN. SEE FIRE PROTECTION SPECIFICATION FOR DETAILS.
3. HVAC CONTROL CABINET PROVIDED BY EC. CONTROL EQUIPMENT PROVIDED BY MC. PROVIDE POWER CONNECTION AS REQUIRED. SEE MECHANICAL DRAWINGS AND SPECIFICATIONS AND DETAIL 4/16.41.
4. MECHANICAL EQUIPMENT NOTED IS PROVIDED WITH A MANUFACTURER'S PRE-WIRED DISCONNECT.
5. MECHANICAL EQUIPMENT NOTED IS PROVIDED WITH VFD BY MC. CONNECT AS DIRECTED BY MANUFACTURER.
6. INSTALL BOX FOR REMOTE BULB THERMOSTAT SENSOR IN PLENUM BOX AND ROUTE CONDUIT FROM BOX BACK TO THERMOSTAT LOCATION. COORDINATE LOCATION WITH MC.
7. LINE VOLTAGE THERMOSTAT AND MOTORIZED DAMPERS PROVIDED BY MC. CONNECT THERMOSTAT TO CONTROL MOTORIZED DAMPERS AS DIRECTED BY MC. SEE MECHANICAL DRAWINGS FOR SPECIFICS AND VERIFY DAMPER LOCATIONS WITH MC.
8. LINE VOLTAGE THERMOSTAT PROVIDED BY MC. EC TO INSTALL AND CONNECT AS REQUIRED.

Professional Engineer (Electrical)
MONTE N. SCHEER
10099
Date 11/20/17
WYOMING

OLD STONEY REMODEL
CROOK COUNTY MUSEUM DISTRICT
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7 ARCHITECTS
Cowan Wy
www.stateline7.com

THESE DRAWINGS AND THE DESIGNS THEREIN ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS.

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

DATE
11/20/2017

DRAWN BY
MNS

DISK ID.

SHEET TITLE
PHASE 1 MECHANICAL CONNECTIONS

SHEET NUMBER
16.30

LIGHTING FIXTURE SCHEDULE

TYPE	LAMPS	DESCRIPTION	FINISH	MOUNTING	MANUFACTURER	CATALOG NO.
A	LED	2'X2' SURFACE MOUNT PANEL FIXTURE, OPAL SHEET LENS, 3500K, L70>50000, 4000 LUMENS, 40W, SURFACE MOUNT	WHITE	SURFACE MOUNT	LUMENOPTIX	LUZ-22-40-EA8-35K-DU1
B	LED	2'X2' SURFACE MOUNT PANEL FIXTURE, OPAL SHEET LENS, 3500K, L70>50000, 2400 LUMENS, 20W, SURFACE MOUNT	WHITE	SURFACE MOUNT	LUMENOPTIX	LUZ-22-24-EA8-35K-DU1-KS
C	LED	VINTAGE PENDANT, EDISON LED LAMP, 3W, 2200K, 210 LUMEN, 16 FOOT CORD, MEDIUM E26 SCREW BASE, MONOPOINT CANOPY	BRASS	SURFACE MOUNT, HANG AT HEIGHT DIRECTED BY OWNER	CONTECH LIGHTING	RLM81-6-B-16-MLE122-NK
D	LED	4' LONG STRIP LIGHT, SEMI-FROST LENS, 4100 LUMENS, 4000K, L82=60000 HRS., DIMMING DRIVER, 31W	WHITE	CEILING OR WALL SURFACE +8'-0" AFF	METALUX	4SNLED-LD5-46SL-LN-UNV-L840-CD-1
EM	INCLUDED	EMERGENCY EGRESS LUMINAIRE, (2) 2W LED HEADS, NICKEL-CADMIUM BATTERIES, SELF-TEST DIAGNOSTICS	WHITE	CEILING SURFACE	ISOLITE	RL2LED-2-WH-SD
F	LED	3' LONG LED WALL MOUNT UP/DOWN FIXTURE, ALUMINUM HOUSING, ACRYLIC LENS, L70=50,000 HRS., CRI >80, 3500K, 2300 LUMENS UP AND 2300 LUMENS DOWN, 57W	WHITE	WALL SURFACE 7'-6"	WILLIAMS	WMAUD-3-L23/835U/L23/835D-AF-DRVU/DRVD-UNV
G	LED	24' SINGLE CIRCUIT LINE VOLTAGE TRACK, (9) LED TRACK FIXTURES, 480W CURRENT LIMITING POWER FEED, AND OTHER TRACK COMPONENTS AS REQUIRED FOR A COMPLETE SYSTEM, 3000K, L70=50,000, 12° AND 28° BEAMS, 1400 LUMENS PER LAMP, 14W PER LAMP	BLACK	CEILING SURFACE	CONTECH LIGHTING	TRACK: (2) LT-12-B FIXTURE: (4) NCTL84-C2-S-3-D-B; (5) NCTL84-C2-M-3-D-B CURRENT LIMITER: LA-23-RN-B-REG5-B
G1	LED	16' SINGLE CIRCUIT LINE VOLTAGE TRACK, (7) LED TRACK FIXTURES, 480W CURRENT LIMITING POWER FEED, AND OTHER TRACK COMPONENTS AS REQUIRED FOR A COMPLETE SYSTEM, 3000K, L70=50,000, 12° AND 28° BEAMS, 1400 LUMENS PER LAMP, 14W PER LAMP	BLACK	CEILING SURFACE	CONTECH LIGHTING	TRACK: (2) LT-8-B FIXTURE: (3) NCTL84-C2-S-3-D-B; (4) NCTL84-C2-M-3-D-B CURRENT LIMITER: LA-23-RN-B-REG5-B
G2	LED	10' SINGLE CIRCUIT LINE VOLTAGE TRACK, (5) LED TRACK FIXTURES, 240W CURRENT LIMITING POWER FEED, AND OTHER TRACK COMPONENTS AS REQUIRED FOR A COMPLETE SYSTEM, 3000K, L70=50,000, 12° AND 28° BEAMS, 1400 LUMENS PER LAMP, 14W PER LAMP	BLACK	CEILING SURFACE	CONTECH LIGHTING	TRACK: (1) LT-6-B; (1) LT-4-B FIXTURE: (2) NCTL84-C2-S-3-D-B; (3) NCTL84-C2-M-3-D-B CURRENT LIMITER: LA-23-RN-B-REG21-B
G3	LED	6' SINGLE CIRCUIT LINE VOLTAGE TRACK, (3) LED TRACK FIXTURES, 240W CURRENT LIMITING POWER FEED, AND OTHER TRACK COMPONENTS AS REQUIRED FOR A COMPLETE SYSTEM, 3000K, L70=50,000, 12° AND 28° BEAMS, 1400 LUMENS PER LAMP, 14W PER LAMP	BLACK	CEILING SURFACE	CONTECH LIGHTING	TRACK: (1) LT-6-B FIXTURE: (1) NCTL84-C2-S-3-D-B; (2) NCTL84-C2-M-3-D-B CURRENT LIMITER: LA-23-RN-B-REG21-B
G4	LED	12' SINGLE CIRCUIT LINE VOLTAGE TRACK, (4) LED TRACK FIXTURES, 240W CURRENT LIMITING POWER FEED, 90° CORNER AND OTHER TRACK COMPONENTS AS REQUIRED FOR A COMPLETE SYSTEM, 3000K, L70=50,000, 12° AND 28° BEAMS, 1400 LUMENS PER LAMP, 14W PER LAMP	BLACK	CEILING SURFACE	CONTECH LIGHTING	TRACK: (2) LT-6-B; (1) LA-2-B FIXTURE: (2) NCTL84-C2-S-3-D-B; (2) NCTL84-C2-M-3-D-B CURRENT LIMITER: LA-23-RN-B-REG21-B
H	LED	COMPACT WALL PACK, ALUM. HOUSING, WET LOCATION, TYPE 4 DISTRIBUTION, 4500K, 21W, L70=100000, 2228 LUMENS	BRONZE	9'-0" ABOVE STAIR LANDING	LSI INDUSTRIES	WPSLS-20W-45K-BZ
J	LED	LIGHT POST, 20' TALL, TYPE 4 DISTRIBUTION, 4000K, 72W, L70=100000, 4500 LUMENS	BRONZE	18'-0" POST, SEE DETAIL	PHILIPS	ULLC100-70W64LED4K-R-LEV 4-120-DMG-18-BRTX
L	LED	FLOOD LIGHT, DIE-CAST ALUMINUM HOUSING, WET LOCATION LISTED, BARN DOORS, PHOTOCELL, SPOT, L70=100000, 4000K, 4501 LUMENS, 36W	BRONZE	STANCHION MOUNTED, SEE DETAIL	LSI INDUSTRIES	XFLM-SP-LED-28-HO-NW-UE-BRZ-PC120/BKA-XFLM-SMC-23-BRZ
M	LED	STEP LIGHT FIXTURE, DIFFUSED GLASS LENS, DIE CAST ALUMINUM HOUSING, 4000K, L70=50000, 300 LUMENS, 14W, WET LOCATION	BRONZE	RECESSED, MOUNTING HEIGHT SHALL 6" FROM TOP OF WALL TO TOP OF FIXTURE	H.E. WILLIAMS	S10-O-L3/840-FTG-DBR-120
XC	INCLUDED	EXIT/EGRESS COMBO SIGN WITH 6" LETTERS, ADJUSTABLE LED EGRESS LAMPS, HIGH IMPACT THERMOPLASTIC, HIGH INTENSITY LED LIGHT SOURCE, NICKEL-CADMIUM BATTERY, UNIVERSAL MOUNTING FOR CEILING/WALL OR SINGLE/DOUBLE FACE	BLACK	CEILING SURFACE	ISOLITE	RLCLED-R-BK-SD
XW	INCLUDED	EXIT/EGRESS COMBO SIGN WITH 6" LETTERS, ADJUSTABLE LED EGRESS LAMPS, HIGH IMPACT THERMOPLASTIC, HIGH INTENSITY LED LIGHT SOURCE, NICKEL-CADMIUM BATTERY, UNIVERSAL MOUNTING FOR CEILING/WALL OR SINGLE/DOUBLE FACE	BLACK	WALL SURFACE, +7'-6" AFF	ISOLITE	RLCLED-R-BK-SD

MECHANICAL EQUIPMENT SCHEDULE

KEY	ITEM	LOAD	VOLTS	Φ	CONDUIT	WIRING	BRKR	CIRCUIT NUMBER	NOTES
BP-1	BOOSTER PUMP - 1	5 HP	208	3	1/2"	3#10+#10 GND	35/3	MDP-1,3,5; MDP-7,9,11	
BS-1	BRANCH SELECTOR BOX - 1	0.1 MCA	208	1	1/2"	2#12+#12 GND	20/2	SB-9,11	
BS-2	BRANCH SELECTOR BOX - 2	0.6 MCA	208	1	1/2"	2#12+#12 GND	20/2	B-2,4	
BS-3	BRANCH SELECTOR BOX - 3	0.6 MCA	208	1	1/2"	2#12+#12 GND	20/2	F1-2,4	
BS-4	BRANCH SELECTOR BOX - 4	0.4 MCA	208	1	1/2"	2#12+#12 GND	20/2	F2-14,16	ALTERNATE #1
BS-5	BRANCH SELECTOR BOX - 5	0.4 MCA	208	1	1/2"	2#12+#12 GND	20/2	F2-18,20	ALTERNATE #1
EF-1	EXHAUST FAN - 1	112 W	120	1	1/2"	2#12+#12 GND	20/1	SB-1	
ERV-EH-1	ERV - ELECTRIC HEATER - 1	10 KW	208	3	3/4"	3#8+#10 GND	40/3	MDP-2,4,6	
ERV-EH-2	ERV - ELECTRIC HEATER - 2	8 KW	208	3	3/4"	3#10+#10 GND	30/3	F2-8,10,12	
EH-3	ELECTRIC HEATER - 3	2.25 KW	208	1	1/2"	2#12+#12 GND	20/2	SEE DRAWINGS	
EH-4	ELECTRIC HEATER - 4	1.2 KW	208	1	1/2"	2#12+#12 GND	20/2	SEE DRAWINGS	
EP-1	ELEVATOR PUMP - 1	1/2 HP	120	1	1/2"	2#12+#12 GND	20/1	SB-12	
ERV-1	ENERGY RECOVERY VENTILATOR - 1	35.9 MCA	208	3	3/4"	4#8+#10 GND	45/3	MDP-8,10,12	
ERV-2	ENERGY RECOVERY VENTILATOR - 2	16.3 MCA	208	3	1/2"	4#12+#12 GND	20/3	F2-2,4,6	ALTERNATE #1
FC-1	FAN COIL UNIT - 1	2.8 MCA	208	1	1/2"	2#12+#12 GND	15/2	SB-3,5	
FC-2	FAN COIL UNIT - 2	1.5 MCA	208	1	1/2"	2#12+#12 GND	15/2	B-2,4	
FC-3	FAN COIL UNIT - 3	1.6 MCA	208	1	1/2"	2#12+#12 GND	15/2	B-2,4	
FC-4	FAN COIL UNIT - 4	1.5 MCA	208	1	1/2"	2#12+#12 GND	15/2	B-2,4	
FC-5	FAN COIL UNIT - 5	1.5 MCA	208	1	1/2"	2#12+#12 GND	15/2	B-2,4	
FC-6	FAN COIL UNIT - 6	1.4 MCA	208	1	1/2"	2#12+#12 GND	15/2	B-2,4	
FC-7	FAN COIL UNIT - 7	1.8 MCA	208	1	1/2"	2#12+#12 GND	15/2	F1-2,4	
FC-8	FAN COIL UNIT - 8	1.8 MCA	208	1	1/2"	2#12+#12 GND	15/2	F1-2,4	
FC-9	FAN COIL UNIT - 9	1.8 MCA	208	1	1/2"	2#12+#12 GND	15/2	F1-2,4	
FC-10	FAN COIL UNIT - 10	1.8 MCA	208	1	1/2"	2#12+#12 GND	15/2	F1-2,4	
FC-11	FAN COIL UNIT - 11	1.4 MCA	208	1	1/2"	2#12+#12 GND	15/2	F1-2,4	
FC-12	FAN COIL UNIT - 12	3.4 MCA	208	1	1/2"	2#12+#12 GND	15/2	F2-14,16	ALTERNATE #1
FC-13	FAN COIL UNIT - 13	1.5 MCA	208	1	1/2"	2#12+#12 GND	15/2	F2-14,16	ALTERNATE #1
FC-14	FAN COIL UNIT - 14	1.5 MCA	208	1	1/2"	2#12+#12 GND	15/2	F2-14,16	ALTERNATE #1
FC-15	FAN COIL UNIT - 15	1.8 MCA	208	1	1/2"	2#12+#12 GND	15/2	F2-18,20	ALTERNATE #1
FC-16	FAN COIL UNIT - 16	2.8 MCA	208	1	1/2"	2#12+#12 GND	15/2	F2-14,16	ALTERNATE #1
FC-17	FAN COIL UNIT - 17	1.5 MCA	208	1	1/2"	2#12+#12 GND	15/2	F2-18,20	ALTERNATE #1
FC-18	FAN COIL UNIT - 18	1.4 MCA	208	1	1/2"	2#12+#12 GND	15/2	F2-18,20	ALTERNATE #1
FC-19	FAN COIL UNIT - 19	2.8 MCA	208	1	1/2"	2#12+#12 GND	15/2	F2-18,20	ALTERNATE #1
HRU-1	HEAT RECOVERY UNIT - 1	61.9 MCA	208	3	1"	4#6+#10 GND	70/3	MDP-13,15,17	
HRU-2	HEAT RECOVERY UNIT - 2	61.9 MCA	208	3	1"	4#6+#10 GND	70/3	MDP-19,21,23	
RP-1	RE-CIRCULATION PUMP - 1	1/8 HP	120	1	1/2"	2#12+#12 GND	20/1	B-6	
SP-1	SUMP PUMP - 1	1/2 HP	120	1	1/2"	2#12+#12 GND	20/1	SB-7	
UH-1	UNIT HEATER - 1	30 KW	208	3	1-1/4"	3#2+#6 GND	110/3	MDP-14,16,18	
UH-2	UNIT HEATER - 2	30 KW	208	3	1-1/4"	3#2+#6 GND	110/3	MDP-20,22,24	
UH-3	UNIT HEATER - 3	30 KW	208	3	1-1/4"	3#2+#6 GND	110/3	MDP-26,28,30	
UH-4	UNIT HEATER - 4	3.3 KW	208	3	1/2"	3#12+#12 GND	20/3	MDP-32,34,36	
WH-1	WATER HEATER - 1	4.5 KW	208	1	1/2"	2#10+#10 GND	30/2	B-8,10	

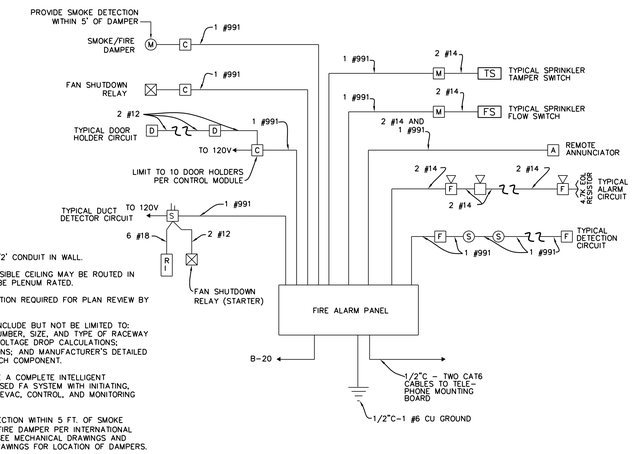
ELECTRICAL LOAD SUMMARY
(CALCULATIONS PER NEC 2017 EDITION)

DESCRIPTION	CONNECTED LOAD (KVA)	DEMAND PER NEC	KVA
EXISTING LOAD	0.00	125%	0.00
KITCHEN	0.00	65%	0.00
LIGHTING	10.75	125%	13.44
RECEPTACLES 10 KVA OR LESS	10.00	100%	10.00
RECEPTACLES OVER 10 KVA	21.80	50%	10.90
MECHANICAL	230.43	100%	230.43
LARGEST MOTOR	44.10	25%	11.03
TOTAL THREE PHASE LOAD IN KVA			275.79
SERVICE VOLTAGE=		208	
MINIMUM SERVICE AMPACITY=			766

FAULT CURRENT CALCULATION SCHEDULE

LOCATION	SHORT CIRCUIT I(SC)	CONSTANT "C"	VOLTAGE	AVAILABLE I(SC)	FEEDER LENGTH	FACTOR "F"	MULTIPLIER "M"
UTILITY TRANS. (ASSUMES 300 KVA)	47,640	-	208	47,640		-	-
MAIN DISCONNECT (1000A KRP FUSES)	20,000	-	208	47,640		-	-
MDP	17,126	54,528	208	20,000	55	0.168	0.856
PANEL 'SB'	13,182	4,760	208	17,126	10	0.299	0.770
PANEL 'B'	10,453	8,924	208	17,126	40	0.638	0.610
PANEL 'F1'	9,525	8,924	208	17,126	50	0.798	0.556
PANEL 'F2'	11,633	15,082	208	17,126	50	0.472	0.679

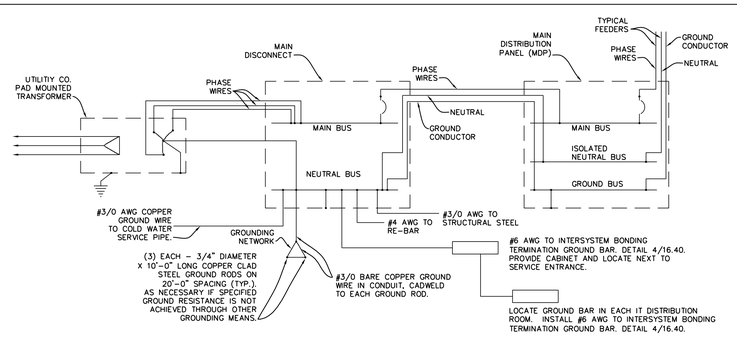
NOTES: 1. VOLTAGE (V) = LINE TO LINE
2. FEEDER LENGTH IN FEET (L).
3. (C) = FEEDER CONSTANT
4. (F) = (1.73 X L X AVAILABLE I(SC))/(C X V) (3 PHASE); (F) = (2 X L X AVAILABLE I(SC))/(C X V) (1 PHASE)
5. (M) = 1/(1+F)
6. SHORT CIRCUIT I(SC) = CALCULATED FAULT CURRENT AVAILABLE AT THE POINT ON ELECTRICAL ONE LINE.
7. AVAILABLE I(SC) =FAULT CURRENT AT FEEDER STARTING POINT OF FEEDER.



NOTES:

1. INSTALL CABLE IN 1/2' CONDUIT IN WALL.
2. CABLE ABOVE ACCESSIBLE CEILING MAY BE ROUTED IN J-HOOK. CABLE TO BE PLENUM RATED.
3. SUBMIT ALL INFORMATION REQUIRED FOR PLAN REVIEW BY AHJ.
4. SUBMITTALS SHALL INCLUDE BUT NOT BE LIMITED TO: CIRCUIT LAYOUTS; NUMBER, SIZE, AND TYPE OF RACEWAY AND CONDUCTORS; VOLTAGE DROP CALCULATIONS; BATTERY CALCULATIONS; AND MANUFACTURER'S DETAILED DATA SHEET FOR EACH COMPONENT.
5. IN GENERAL, PROVIDE A COMPLETE INTELLIGENT MICROPROCESSOR BASED FA SYSTEM WITH INITIATING, NOTIFICATION, VOICE EVAC, CONTROL, AND MONITORING DEVICES.
6. PROVIDE SMOKE DETECTION WITHIN 5 FT. OF SMOKE DAMPER OR SMOKE/FIRE DAMPER PER INTERNATIONAL MECHANICAL CODE. SEE MECHANICAL DRAWINGS AND SPECIAL SYSTEMS DRAWINGS FOR LOCATION OF DAMPERS.

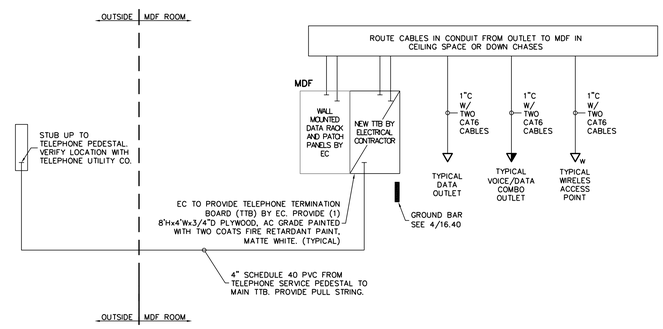
FIRE ALARM RISER DIAGRAM AND TYPICAL CONNECTIONS — NOT TO SCALE | 03



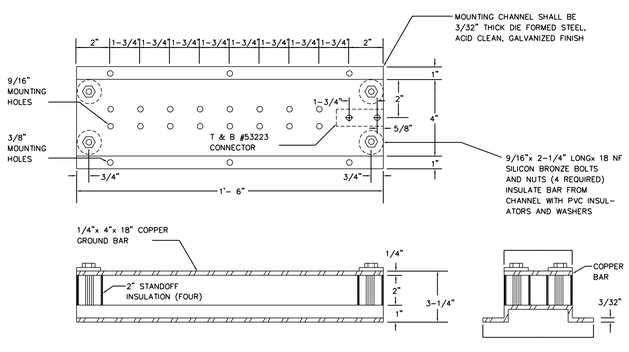
SECONDARY DISTRIBUTION GROUNDING SYSTEM — NOT TO SCALE | 05

DETAIL NOTES:

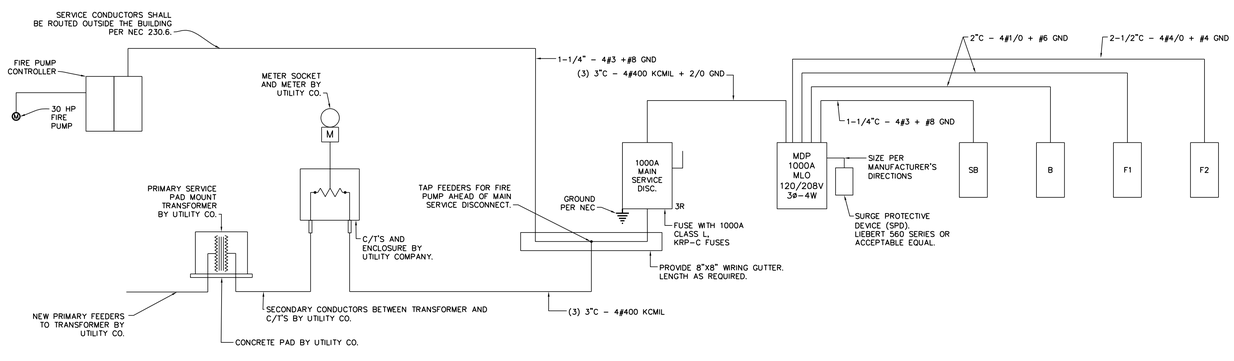
1. EC TO PROVIDE MDF RACK, WIRE MANAGEMENT AND TERMINATION EQUIPMENT.
2. E.C. TO TERMINATE ALL CABLES AT PATCH PANELS AND JACKS.
3. PROVIDE LABELING ON CABLES AND JACKS AS PER SPECIFICATIONS.
4. INSTALL COMMUNICATION SYSTEM GROUND BAR AT MDF LOCATION.
5. INSTALL CABLING IN RACEWAY THE ENTIRE LENGTH OF THE HOMERUN.



DATA/TELEPHONE RISER DIAGRAM AND TYPICAL CONNECTIONS — NOT TO SCALE | 02



GROUND BAR DETAIL — NOT TO SCALE | 04



ONE-LINE DIAGRAM — NOT TO SCALE | 01

Professional Engineer (Electrical) MONTE N. SCHEER 10099 Date 11/20/17 WYOMING

OLD STONEY REMODEL
CROOK COUNTY MUSEUM DISTRICT
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline №7 ARCHITECTS
Cheyenne, WY
307.635.7700
www.statelinearch.com
1416 Dell Range Blvd
Suite 3 Cheyenne, WY 82009
307.634.7700 Fax

THESE DRAWINGS AND THE DESIGNS HEREIN ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF STATELINE ARCHITECTS. COPYRIGHT 2016.

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

DATE
11/20/2017

DRAWN BY
MNS

DISK ID.

SHEET TITLE
PHASE 1 ELECTRICAL DETAILS AND SCHEDULES

SHEET NUMBER
16.40

MAINS: 1000A MLO
VOLTAGE: 120/208
PHASE: 3 PHASE - 4 WIRE
MOUNTING: SURFACE

PANEL 'MDP'
DATA SHEET

LOAD DESCRIPTION	RECEP LD	MECH LD	LIGHT LD	WIRE SIZE	CIRCUIT BREAKER AMP	CIRCUIT BREAKER POLE	CIRCUIT NUMBER	PHASE	CIRCUIT NUMBER	CIRCUIT BREAKER POLE	CIRCUIT BREAKER AMP	WIRE SIZE	LIGHT LD (VA)	MECH LD (VA)	RECEP LD (VA)	LOAD DESCRIPTION
BOOSTER PUMP - 1		2100		#10	35	3	1	A	2	3	40	#8		3333		ERV-ELECTRIC HEATER - 1
BOOSTER PUMP - 1		2100		#10	35	3	3	B	4	3	40	#8		3333		ERV-ELECTRIC HEATER - 1
BOOSTER PUMP - 1		2100		#10	35	3	5	C	6	3	40	#8		3333		ERV-ELECTRIC HEATER - 1
BOOSTER PUMP - 1				#10	35	3	7	A	8	3	45	#8		3960		ENERGY RECOVERY VENTILATOR - 1
BOOSTER PUMP - 1				#10	35	3	9	B	10	3	45	#8		3960		ENERGY RECOVERY VENTILATOR - 1
BOOSTER PUMP - 1				#10	35	3	11	C	12	3	45	#8		3960		ENERGY RECOVERY VENTILATOR - 1
HEAT RECOVERY UNIT - 1		5016		#6	70	3	13	A	14	3	110	#2		10000		UNIT HEATER - 1
HEAT RECOVERY UNIT - 1		5016		#6	70	3	15	B	16	3	110	#2		10000		UNIT HEATER - 1
HEAT RECOVERY UNIT - 1		5016		#6	70	3	17	C	18	3	110	#2		10000		UNIT HEATER - 1
HEAT RECOVERY UNIT - 2		5016		#6	70	3	19	A	20	3	110	#2		10000		UNIT HEATER - 2
HEAT RECOVERY UNIT - 2		5016		#6	70	3	21	B	22	3	110	#2		10000		UNIT HEATER - 2
HEAT RECOVERY UNIT - 2		5016		#6	70	3	23	C	24	3	110	#2		10000		UNIT HEATER - 2
FIRE PROTECTION PRESSURE MAINT. PUMP		936		#12	20	3	25	A	26	3	110	#2		10000		UNIT HEATER - 3
FIRE PROTECTION PRESSURE MAINT. PUMP		936		#12	20	3	27	B	28	3	110	#2		10000		UNIT HEATER - 3
FIRE PROTECTION PRESSURE MAINT. PUMP		936		#12	20	3	29	C	30	3	110	#2		10000		UNIT HEATER - 3
PANEL 'F1'		8140		#1/0	150	3	31	A	32	3	20	#12		1100		UNIT HEATER - 4
PANEL 'F1'		8140		#1/0	150	3	33	B	34	3	20	#12		1100		UNIT HEATER - 4
PANEL 'F1'		8140		#1/0	150	3	35	C	36	3	20	#12		1100		UNIT HEATER - 4
PANEL 'B'		6633		#1/0	150	3	37	A	38	3	300	#3/0		14700		ELEVATOR
PANEL 'B'		6633		#1/0	150	3	39	B	40	3	300	#3/0		14700		ELEVATOR
PANEL 'B'		6633		#1/0	150	3	41	C	42	3	300	#3/0		14700		ELEVATOR
PANEL 'SB'		3007		#3	100	3	43	A	44	3	225	#4/0		6356		PANEL 'F2'
PANEL 'SB'		3007		#3	100	3	45	B	46	3	225	#4/0		6356		PANEL 'F2'
PANEL 'SB'		3007		#3	100	3	47	C	48	3	225	#4/0		6356		PANEL 'F2'
SPACE				-	225	3	49	A	50	3	225	-				SPACE
SPACE				-	225	3	51	B	52	3	225	-				SPACE
SPACE				-	225	3	53	C	54	3	225	-				SPACE
SPACE				-	100	3	55	A	56	3	100	-				SPACE
SPACE				-	100	3	57	B	58	3	100	-				SPACE
SPACE				-	100	3	59	C	60	3	100	-				SPACE

MAINS: 100A MLO
VOLTAGE: 120/208
PHASE: 3 PHASE - 4 WIRE
MOUNTING: SURFACE

PANEL 'SB'
DATA SHEET

LOAD DESCRIPTION	RECEP LD	MECH LD	LIGHT LD	WIRE SIZE	CIRCUIT BREAKER AMP	CIRCUIT BREAKER POLE	CIRCUIT NUMBER	PHASE	CIRCUIT NUMBER	CIRCUIT BREAKER POLE	CIRCUIT BREAKER AMP	WIRE SIZE	LIGHT LD (VA)	MECH LD (VA)	RECEP LD (VA)	LOAD DESCRIPTION
EXHAUST FAN - 1		112		#12	20	1	1	A	2	1	20	#12	120	200		ELEVATOR CAB LIGHTS, VENTILATION, ETC
FAN COIL UNIT - 1		291		#12	15	2	3	B	4	1	20	#12	62		180	ELEVATOR CONTROL LIGHTS, RECEPTACLE
FAN COIL UNIT - 1		291		#12	15	2	5	C	6	1	20	#12	50		360	ELEVATOR SHAFT LIGHTS, RECEPTACLE
SUMP PUMP - 1		1176		#12	20	1	7	A	8	1	20	#12	550			EMERGENCY LIGHTING UPS
BRANCH SELECTOR BOX - 1		6		#12	20	2	9	B	10	1	20	#12	36			FLAG LIGHTING
BRANCH SELECTOR BOX - 1		6		#12	20	2	11	C	12	1	20	#12		1656		ELEVATOR PUMP - 1
MECHANICAL RECEPTACLES	720			#12	20	1	13	A	14	1	20	#12				SPARE
WORK AREA RECEPTACLES	900			#12	20	1	15	B	16	1	20	#12				SPARE
SUB-BASEMENT LIGHTS			713	#12	20	1	17	C	18	1	20	#12				SPARE
TELEPHONE BOARD	360			#12	20	1	19	A	20	1	20	#12				SPARE
DATA RACK	360			#12	20	1	21	B	22	1	20	#12				SPARE
HVAC CONTROL CABINET		100		#12	20	1	23	C	24	1	20	#12	23			SPARE
WORK AREA RECEPTACLES	360			#12	20	1	25	A	26	1	20	#12				SPARE
SPARE				#12	20	1	27	B	28	1	20	#12				SPARE
SPARE				#12	20	1	29	C	30	1	20	#12				SPARE
SPARE				#12	20	1	31	A	32	1	20	#12				SPARE
SPARE				#12	20	1	33	B	34	1	20	#12				SPARE
SPARE				#12	20	1	35	C	36	1	20	#12				SPARE
SPARE				#12	20	1	37	A	38	1	20	#12				SPARE
SPARE				#12	20	1	39	B	40	1	20	#12				SPARE
SPARE				#12	20	1	41	C	42	1	20	#12				SPARE

	CONNECTED LOAD (VA)	DEMAND LOAD (VA)		
LIGHTING:	1554	1943	TOTAL FOR PHASE A:	3598
RECEPTACLE:	3240	3240	TOTAL FOR PHASE B:	1835
MECHANICAL:	3838	3838	TOTAL FOR PHASE C:	3199
LARGEST MOTOR:	0	0		
			MAXIMUM IMBALANCE:	49%
TOTAL LOAD:	8632	9021	MIN. FEEDER AMPACITY:	25

MAINS: 150A MLO
VOLTAGE: 120/208
PHASE: 3 PHASE - 4 WIRE
MOUNTING: FLUSH

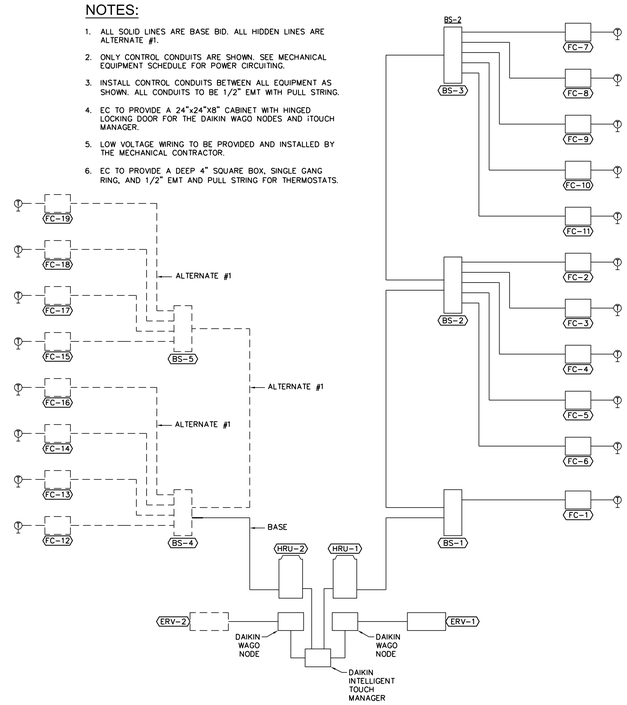
PANEL 'B'
DATA SHEET

LOAD DESCRIPTION	RECEP LD	MECH LD	LIGHT LD	WIRE SIZE	CIRCUIT BREAKER AMP	CIRCUIT BREAKER POLE	CIRCUIT NUMBER	PHASE	CIRCUIT NUMBER	CIRCUIT BREAKER POLE	CIRCUIT BREAKER AMP	WIRE SIZE	LIGHT LD (VA)	MECH LD (VA)	RECEP LD (VA)	LOAD DESCRIPTION
SOUTHWEST OFFICE RECEPTACLES	720			#12	20	1	1	A	2	2	20	#12		842		FAN COILS 2-6, BRANCH SELECTOR - 2
SOUTHWEST OFFICE RECEPTACLES	900			#12	20	1	3	B	4	2	20	#12		842		FAN COILS 2-6, BRANCH SELECTOR - 2
NORTHWEST OFFICE RECEPTACLES	720			#12	20	1	5	C	6	1	20	#12		480		RE-CIRCULATION PUMP - 1
NORTHWEST OFFICE RECEPTACLES	540			#12	20	1	7	A	8	2	30	#10		2250		WATER HEATER - 1
NORTHEAST OFFICE RECEPTACLES	720			#12	20	1	9	B	10	2	30	#10		2250		WATER HEATER - 1
NORTHEAST OFFICE RECEPTACLES	900			#12	20	1	11	C	12	1	20	#12			540	MAIN ENTRY RECEPTACLE
BATHROOM RECEPTACLES	540			#12	20	1	13	A	14	1	20	#12			360	MAIN ENTRY RECEPTACLE
WATER COOLERS		1200		#12	20 GFCI	1	15	B	16	1	20	#12			360	NORTH EXTERIOR RECEPTACLES
SOUTHEAST OFFICE RECEPTACLES	720			#12	20	1	17	C	18	1	20	#12			360	WEST RAMP RECEPTACLES
SOUTHEAST OFFICE RECEPTACLES	720			#12	20	1	19	A	20	1	20	#12		500		FIRE ALARM PANEL
WEST LIGHTS			1000	#12	20	1	21	B	22	1	20	#12				SPARE
HALL LIGHTS			707	#12	20	1	23	C	24	1	20	#12				SPARE
EAST LIGHTS			1040	#12	20	1	25	A	26	1	20	#12				SPARE
SPARE				#12	20	1	27	B	28	1	20	#12				SPARE
SPARE				#12	20	1	29	C	30	1	20	#12				SPARE
SPARE				#12	20	1	31	A	32	1	20	#12				SPARE
SPARE				#12	20	1	33	B	34	1	20	#12				SPARE
SPARE				#12	20	1	35	C	36	1	20	#12				SPARE
SPARE				#12	20	1	37	A	38	1	20	#12				SPARE
SPARE				#12	20	1	39	B	40	1	20	#12				SPARE
SPARE				#12	20	1	41	C	42	1	20	#12				SPARE
SPARE				#12	20	1	43	A	44	1	20	#12				SPARE
SPARE				#12	20	1	45	B	46	1	20	#12				SPARE
SPARE				#12	20	1	47	C	48	1	20	#12				SPARE
SPARE				#12	20	1	49	A	50	1	20	#12				SPARE
SPARE				#12	20	1	51	B	52	1	20	#12				SPARE
SPARE				#12	20	1	53	C	54	1	20	#12				SPARE
SPARE				#12	20	1	55	A	56	1	20	#12				SPARE
SPARE				#12	20	1	57	B	58	1	20	#12				SPARE
SPARE				#12	20	1	59	C	60	1	20	#12				SPARE

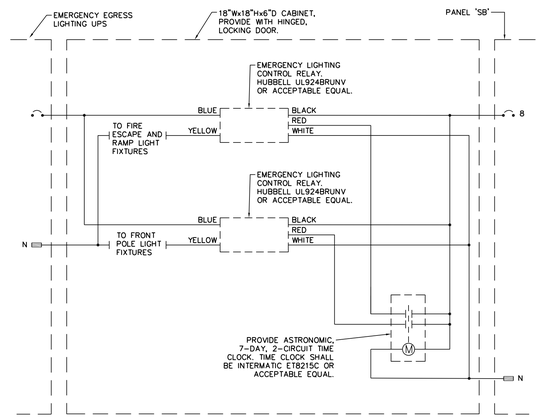
	CONNECTED LOAD (VA)	DEMAND LOAD (VA)		
LIGHTING:	2747	3434	TOTAL FOR PHASE A:	7512
RECEPTACLE:	8100	8100	TOTAL FOR PHASE B:	7272
MECHANICAL:	8364	8364	TOTAL FOR PHASE C:	4427
LARGEST MOTOR:	0	0		
			MAXIMUM IMBALANCE:	41%
TOTAL LOAD:	19211	19898	MIN. FEEDER AMPACITY:	55

NOTES:

1. ALL SOLID LINES ARE BASE BID. ALL HIDDEN LINES ARE ALTERNATE #1.
2. ONLY CONTROL CONDUITS ARE SHOWN. SEE MECHANICAL EQUIPMENT SCHEDULE FOR POWER CIRCUITING.
3. INSTALL CONTROL CONDUITS BETWEEN ALL EQUIPMENT AS SHOWN. ALL CONDUITS TO BE 1/2" EMT WITH PULL STRING.
4. EC TO PROVIDE A 24"x24"x8" CABINET WITH HINGED LOCKING DOOR FOR THE DAIKIN WAGO NODES AND ITOUCH MANAGER.
5. LOW VOLTAGE WIRING TO BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR.
6. EC TO PROVIDE A DEEP 4" SQUARE BOX, SINGLE GANG RING, AND 1/2" EMT AND PULL STRING FOR THERMOSTATS.



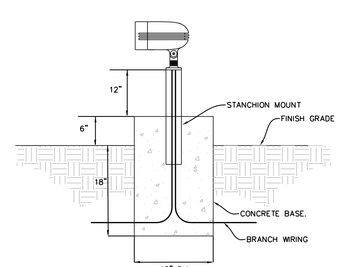
HVAC WIRING CONTROL DIAGRAM — NOT TO SCALE — 04



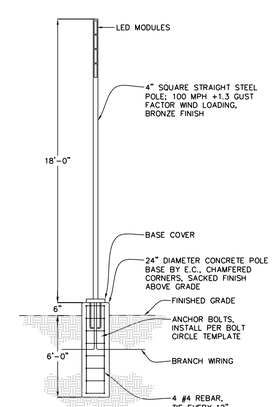
EXTERIOR LIGHTING CONTROL DIAGRAM — NOT TO SCALE — 03

NOTES:

1. FIXTURE IS TO BE A MINIMUM OF 18" ABOVE GROUND LEVEL. EC TO MODIFY BASE HEIGHT AND STANCHION MOUNT AS REQUIRED TO ACHIEVE THIS HEIGHT.



SPOT LIGHT FIXTURE DETAIL — NOT TO SCALE — 02



LIGHT COLUMN DETAIL — NOT TO SCALE — 01

Professional Engineer (Electrical) MONTE N. SCHEER 10099 Date 11/20/17 WYOMING

OLD STONEY REMODEL
CROOK COUNTY MUSEUM DISTRICT
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline №7 ARCHITECTS
Cowan/MN
www.statelineA7.com
THESE DRAWINGS AND THE DESIGNS THEREIN ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN FORM OR PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE ARCHITECTS. COPYRIGHT © 2016

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

DATE
11/20/2017

DRAWN BY
MNS

DISK ID.

SHEET TITLE
PHASE 1 ELECTRICAL DETAILS AND SCHEDULES

SHEET NUMBER
16.41

MAINS: 150A MLO
VOLTAGE: 120/208
PHASE: 3 PHASE - 4 WIRE
MOUNTING: FLUSH

PANEL 'F1'
DATA SHEET

LOAD DESCRIPTION	RECEP LD	MECH LD	LIGHT LD	WIRE SIZE	CIRCUIT BREAKER AMP	CIRCUIT BREAKER POLE	CIRCUIT NUMBER	PHASE	CIRCUIT NUMBER	CIRCUIT BREAKER POLE	CIRCUIT BREAKER AMP	WIRE SIZE	LIGHT LD (VA)	MECH LD (VA)	RECEP LD (VA)	LOAD DESCRIPTION
SOUTH GALLERY RECEPTACLES	1260			#12	20	1	1	A	2	2	20	#12		957		FAN COILS 7-11, BRANCH SELECTOR -3
SOUTHWEST GALLERY RECEPTACLES	900			#12	20	1	3	B	4	2	20	#12		957		FAN COILS 7-11, BRANCH SELECTOR -3
SOUTHWEST GALLERY RECEPTACLES	1080			#12	20	1	5	C	6	1	20	#12			1080	NORTHWEST GALLERY RECEPTACLES
SOUTHWEST GALLERY RECEPTACLES	720			#12	20	1	7	A	8	1	20	#12			1080	NORTHWEST GALLERY RECEPTACLES
SOUTHWEST GALLERY RECEPTACLES	900			#12	20	1	9	B	10	1	20	#12			720	CENTER GALLERY RECEPTACLES
SOUTHWEST GALLERY RECEPTACLES	720			#12	20	1	11	C	12	1	20	#12			720	CENTER GALLERY RECEPTACLES
OFFICE RECEPTACLES	1080			#12	20	1	13	A	14	1	20	#12			540	LOBBY RECEPTACLES
NORTHWEST GALLERY RECEPTACLES	1080			#12	20	1	15	B	16	1	20	#12			360	LOBBY RECEPTACLES
NORTHWEST GALLERY RECEPTACLES	1080			#12	20	1	17	C	18	1	20	#12			720	SOUTHWEST GALLERY RECEPTACLES
NORTHWEST GALLERY RECEPTACLES	1080			#12	20	1	19	A	20	1	20	#12			900	SOUTHWEST GALLERY RECEPTACLES
NORTHWEST GALLERY RECEPTACLES	900			#12	20	1	21	B	22	1	20	#12			540	CENTER GALLERY RECEPTACLES
NORTH GALLERY RECEPTACLES	900			#12	20	1	23	C	24	1	20	#12			1200	WINDOW SHADES
SOUTHEAST GALLERY LIGHTS			513	#12	20	1	25	A	26	1	20	#12				SPARE
SOUTHWEST GALLERY LIGHTS			1449	#12	20	1	27	B	28	1	20	#12				SPARE
NORTHWEST GALLERY LIGHTS			1338	#12	20	1	29	C	30	1	20	#12				SPARE
NORTHEAST GALLERY LIGHTS			1657	#12	20	1	31	A	32	1	20	#12				SPARE
LOBBY LIGHTS			1224	#12	20	1	33	B	34	1	20	#12				SPARE
SPARE				#12	20	1	35	C	36	1	20	#12				SPARE
SPARE				#12	20	1	37	A	38	1	20	#12				SPARE
SPARE				#12	20	1	39	B	40	1	20	#12				SPARE
SPARE				#12	20	1	41	C	42	1	20	#12				SPARE
SPARE				#12	20	1	43	A	44	1	20	#12				SPARE
SPARE				#12	20	1	45	B	46	1	20	#12				SPARE
SPARE				#12	20	1	47	C	48	1	20	#12				SPARE
SPARE				#12	20	1	49	A	50	1	20	#12				SPARE
SPARE				#12	20	1	51	B	52	1	20	#12				SPARE
SPARE				#12	20	1	53	C	54	1	20	#12				SPARE
SPARE				#12	20	1	55	A	56	1	20	#12				SPARE
SPARE				#12	20	1	57	B	58	1	20	#12				SPARE
SPARE				#12	20	1	59	C	60	1	20	#12				SPARE

	CONNECTED LOAD (VA)	DEMAND LOAD (VA)		
LIGHTING:	6181	7726	TOTAL FOR PHASE A:	9787
RECEPTACLE:	19560	14780	TOTAL FOR PHASE B:	9030
MECHANICAL:	1914	1914	TOTAL FOR PHASE C:	8838
LARGEST MOTOR:	0	0		
			MAXIMUM IMBALANCE:	10%
TOTAL LOAD:	27655	24420	MIN. FEEDER AMPACITY:	68

MAINS: 225A MLO
VOLTAGE: 120/208
PHASE: 3 PHASE - 4 WIRE
MOUNTING: FLUSH

PANEL 'F2'
DATA SHEET

LOAD DESCRIPTION	RECEP LD	MECH LD	LIGHT LD	WIRE SIZE	CIRCUIT BREAKER AMP	CIRCUIT BREAKER POLE	CIRCUIT NUMBER	PHASE	CIRCUIT NUMBER	CIRCUIT BREAKER POLE	CIRCUIT BREAKER AMP	WIRE SIZE	LIGHT LD (VA)	MECH LD (VA)	RECEP LD (VA)	LOAD DESCRIPTION
GENERAL RECEPTACLES	900			#12	20	1	1	A	2	3	20	#12		2064		ENERGY RECOVERY VENTILATOR - 2
LIGHTS			268	#12	20	1	3	B	4	3	20	#12		2064		ENERGY RECOVERY VENTILATOR - 2
SPARE				#12	20	1	5	C	6	3	20	#12		2064		ENERGY RECOVERY VENTILATOR - 2
SPARE				#12	20	1	7	A	8	3	30	#10		2667		ERV-ELECTRIC HEATER - 2
SPARE				#12	20	1	9	B	10	3	30	#10		2667		ERV-ELECTRIC HEATER - 2
SPARE				#12	20	1	11	C	12	3	30	#10		2667		ERV-ELECTRIC HEATER - 2
SPARE				#12	20	1	13	A	14	2	20	#12		998		FAN COILS 12-14,6, BRANCH SELECTOR - 4
SPARE				#12	20	1	15	B	16	2	20	#12		998		FAN COILS 12-14,6, BRANCH SELECTOR - 4
SPARE				#12	20	1	17	C	18	2	20	#12		822		FAN COILS 15,17-19, BRANCH SELECTOR - 5
SPARE				#12	20	1	19	A	20	2	20	#12		822		FAN COILS 15,17-19, BRANCH SELECTOR - 5
SPARE				#12	20	1	21	B	22	1	20	#12				SPARE
SPARE				#12	20	1	23	C	24	1	20	#12				SPARE
SPARE				#12	20	1	25	A	26	1	20	#12				SPARE
SPARE				#12	20	1	27	B	28	1	20	#12				SPARE
SPARE				#12	20	1	29	C	30	1	20	#12				SPARE
SPARE				#12	20	1	31	A	32	1	20	#12				SPARE
SPARE				#12	20	1	33	B	34	1	20	#12				SPARE
SPARE				#12	20	1	35	C	36	1	20	#12				SPARE
SPARE				#12	20	1	37	A	38	1	20	#12				SPARE
SPARE				#12	20	1	39	B	40	1	20	#12				SPARE
SPARE				#12	20	1	41	C	42	1	20	#12				SPARE
SPARE				#12	20	1	43	A	44	1	20	#12				SPARE
SPARE				#12	20	1	45	B	46	1	20	#12				SPARE
SPARE				#12	20	1	47	C	48	1	20	#12				SPARE
SPARE				#12	20	1	49	A	50	1	20	#12				SPARE
SPARE				#12	20	1	51	B	52	1	20	#12				SPARE
SPARE				#12	20	1	53	C	54	1	20	#12				SPARE
SPARE				#12	20	1	55	A	56	1	20	#12				SPARE
SPARE				#12	20	1	57	B	58	1	20	#12				SPARE
SPARE				#12	20	1	59	C	60	1	20	#12				SPARE
SPARE				#12	20	1	61	A	62	1	20	#12				SPARE
SPARE				#12	20	1	63	B	64	1	20	#12				SPARE
SPARE				#12	20	1	65	C	66	1	20	#12				SPARE
SPARE				#12	20	1	67	A	68	1	20	#12				SPARE
SPARE				#12	20	1	69	B	70	1	20	#12				SPARE
SPARE				#12	20	1	71	C	72	1	20	#12				SPARE
SPARE				#12	20	1	73	A	74	1	20	#12				SPARE
SPARE				#12	20	1	75	B	76	1	20	#12				SPARE
SPARE				#12	20	1	77	C	78	1	20	#12				SPARE
SPARE				#12	20	1	79	A	80	1	20	#12				SPARE
SPARE				#12	20	1	81	B	82	1	20	#12				SPARE
SPARE				#12	20	1	83	C	84	1	20	#12				SPARE

	CONNECTED LOAD (VA)	DEMAND LOAD (VA)		
LIGHTING:	268	335	TOTAL FOR PHASE A:	7451
RECEPTACLE:	900	900	TOTAL FOR PHASE B:	5997
MECHANICAL:	17833	17833	TOTAL FOR PHASE C:	5553
LARGEST MOTOR:	0	0		
			MAXIMUM IMBALANCE:	25%
TOTAL LOAD:	19001	19068	MIN. FEEDER AMPACITY:	53

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
A	LIGHTING OUTLET – CEILING ––> – AIMING DIRECTION b – SWITCHING A – FIXTURE TYPE
	PENDANT LIGHT FIXTURE
	PORCELAIN KEYLESS FIXTURE
	LIGHTING OUTLET – WALL
	LIGHTING OUTLET – RECESSED
	EXIT LIGHT – WITH DIRECTIONAL ARROW
	STRIP LIGHT
	LIGHT FIXTURE – SURFACE OR PENDANT
	LIGHT FIXTURE – RECESSED
	LIGHTING FIXTURE WITH BATTERY BACKUP
	JUNCTION BOX – WALL
	JUNCTION BOX – CEILING
J	JUNCTION BOX – FLOOR
EWC	DUPLEX RECEPTACLE EWC – ELECTRIC WATER COOLER
	DUPLEX RECEPTACLE – SPLIT WIRED
	DUPLEX RECEPTACLE – FLUSH FLOOR
	DUPLEX RECEPTACLE – GFCI
	DOUBLE DUPLEX RECEPTACLE
a	SPECIAL PURPOSE OUTLET a – INDICATES TYPE, SEE SPEC'S
	CLOCK
	TELEPHONE OUTLET – WALL
	DATA OUTLET
	DATA/TELEPHONE OUTLET
	DATA OUTLET– FLUSH FLOOR
S_3	SINGLE POLE SWITCH a – INDICATES SWITCHING 3 – THREE WAY P – WITH PILOT LIGHT TO – THERMAL OVERLOAD
	PUSHBUTTON SWITCH
	CIRCUIT RUN; CONCEALED IN CEILING OR WALL
	CIRCUIT RUN; UNDERFLOOR OR UNDERGROUND
A–3	HOME RUN A – PANEL DESIGNATION 3 – CIRCUIT NUMBER
	CONDUIT TURNS UP
	CONDUIT TURNS DOWN
	ELECTRICAL PANEL
	MAIN DISTRIBUTION PANEL
T	TRANSFORMER
	FUSIBLE DISCONNECT SWITCH
	MAGNETIC STARTER OR CONTACTOR
	COMBINATION STARTER
	MOTOR OUTLET AND CONNECTION
	FUSIBLE SWITCH – SCHEMATIC
	CIRCUIT BREAKER – SCHEMATIC
CM	ELECTRIC METER
	GROUND
	BELL
	TELEVISION OUTLET
	SMOKE DETECTOR – CEILING H – HEAT DETECTOR S – SMOKE W/SOUNDER BT – BEAM XMTR BR – BEAM RCVR
OS	OCCUPANCY SENSOR
	FIXED CCTV CAMERA
	PAN/TILT/ZOOM CAMERA
F	FIRE ALARM MANUAL STATION, +48" U.O.N.
F	FIRE ALARM AUDIO/VISUAL HORN, +7'– 6" U.O.N.
	FIRE ALARM STROBE, +7'– 6" U.O.N.
F	FIRE ALARM BELL
D	MAGNETIC DOOR HOLDER
M	FIRE ALARM MONITOR/RELAY MODULE
C	FIRE ALARM CONTROL MODULE
RI	REMOTE INDICATING PILOT LIGHT/TEST SWITCH
S	DUCT DETECTOR – SMOKE
TS	SPRINKLER SYS. TAMPER SW
FS	SPRINKLER SYS. FLOW SW
R	ACCESS CONTROL READER
DS	SECURITY DOOR SWITCH
KP	SECURITY ALARM KEY PAD
	NOTE SYMBOL
	SPECIAL EQUIPMENT SYMBOL
	MECHANICAL EQUIPMENT SYMBOL
WP	WEATHERPROOF
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
UON	UNLESS OTHERWISE NOTED
EC	ELECTRICAL CONTRACTOR
MC	MECHANICAL CONTRACTOR
e	INDICATES EXISTING

Professional Engineer (Electrical)
MONTE N. SCHEER
10099
Date 11/20/17
WYOMING

OLD STONEY REMODEL
CROOK COUNTY MUSEUM DISTRICT
108 NORTH 4TH STREET
SUNDANCE WY, 82729

Stateline № 7 ARCHITECTS
Cowan/MN
www.statelineA7.com
341 Sheridan Center Street
P.O. Box 1000
307.237.5717 Fax
THESE DRAWINGS AND THE DESIGNS THEREIN ILLUSTRATED ARE THE SOLE PROPERTY OF STATELINE ARCHITECTS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN PERMISSION OF STATELINE No. 7 ARCHITECTS.
COPYRIGHT 2017

Engineering Design Associates
1607 CY Ave, Ste 303
Casper, WY 82604
(307) 266-5033

PROJECT NUMBER
16-022 / 17040

DATE
11/20/2017

DRAWN BY
MNS

DISK ID.

SHEET TITLE
PHASE 1
ELECTRICAL
SCHEDULES

SHEET NUMBER
16.42