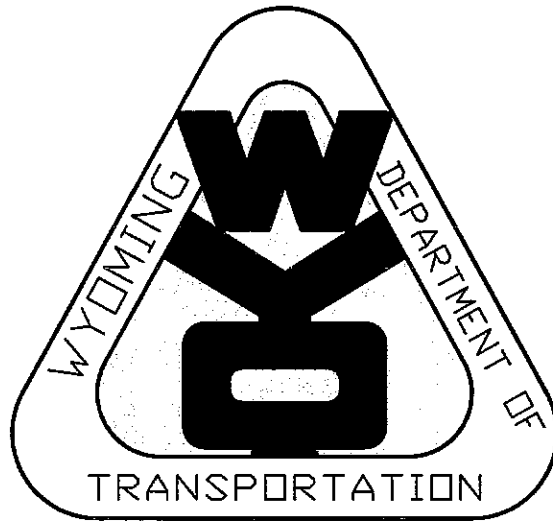


# WYOMING DEPARTMENT of TRANSPORTATION SOUTH PASS – FREMONT COUNTY, WYOMING

## SALT & SAND BUILDING

PROJECT NO. SNWCTRL



WYOMING DEPARTMENT OF TRANSPORTATION  
**SOUTH PASS SALT AND SAND BUILDING**  
*plan one / architects*  
 - cody, wyoming, 1001 12th st., 82414 (307) 557-5646 - rock springs, wyoming, 4020 clear dr., suite a, 82901 (307) 352-2954, - driggs, wyo. 189 north main, suite 112, 83422 (208) 351-8036 -

### STANDARD ABBREVIATIONS

ADV	Above	AD	Asphalt	AD	Asphalt	AD	Asphalt
AFC	Air Conditioning	AD	Asphalt	AD	Asphalt	AD	Asphalt
AG	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AGL	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AGP	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AGS	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AGT	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AGV	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AGW	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AGX	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AGY	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AGZ	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHA	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHB	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHC	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHD	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHE	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHF	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHG	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHI	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHJ	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHK	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHL	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHM	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHN	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHO	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHP	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHQ	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHR	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHS	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHT	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHU	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHV	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHW	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHX	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHY	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt
AHZ	Asphalt	AD	Asphalt	AD	Asphalt	AD	Asphalt

### KEY TO SYMBOLS

	BATTERY INSULATION		BUILDING SECTION LETTER
	RIGID INSULATION IN SECTION		SHEET DRAWN ON
	SOUNDBOARD IN SECTION		WALL SECTION NUMBER
	E.I.F.S. IN SECTION		SHEET DRAWN ON
	DRYWALL OR PLASTER IN SECTION		DETAIL NUMBER
	ACoustical TILE IN SECTION		SHEET DRAWN ON
	FINISHED WOOD IN SECTION		EXTERIOR ELEVATION NUMBER
	PLYWOOD IN SECTION		SHEET DRAWN ON
	METAL IN SECTION		INTERIOR ELEVATION NUMBER
	GROUT IN SECTION		SHEET DRAWN ON
	BRICK IN SECTION		ROOM NUMBER
	CONCRETE BLOCK IN SMALL SCALE SECTION		INTERIOR & EXTERIOR DOOR OR GATE NUMBER
	CONCRETE BLOCK IN LARGE SCALE SECTION		EXTERIOR WINDOW LETTER
	CONCRETE IN SMALL SCALE SECTION		BORROWED LIGHT
	CONCRETE IN LARGE SCALE SECTION		WALL TYPE LETTER
	GRAVEL IN SECTION		CEILING TYPE TAG
	EARTH IN SECTION		TOILET ACCESSORY
			KEYED NOTE NUMBER
			INDICATES CENTER LINE

NOTE: NOT ALL SYMBOLS ARE USED

### INDEX TO DRAWINGS

<b>TITLE SHEET</b>	T1.1 TITLE SHEET
<b>ARCHITECTURAL</b>	<p><b>BASE BID - CONVENTIONAL FOOTINGS AND FOUNDATION SYSTEM</b></p> <p>A1.1 FLOOR PLAN, REFLECTED CEILING PLAN, ROOF PLAN, DOOR SCHEDULE, DOOR DETAILS &amp; WALL TYPES</p> <p>A5.1 EXTERIOR ELEVATIONS, ROOF DETAILS &amp; MISC. DETAILS</p> <p>A5.1 BUILDING SECTIONS, WALL SECTIONS</p> <p><b>BID ALTERNATE #1 - RAFT SLAB SYSTEM</b></p> <p>A1.2 FLOOR PLAN, REFLECTED CEILING PLAN, ROOF PLAN, DOOR SCHEDULE, DOOR DETAILS &amp; WALL TYPES</p> <p>A5.2 EXTERIOR ELEVATIONS, ROOF DETAILS &amp; MISC. DETAILS</p> <p>A5.2 BUILDING SECTIONS, WALL SECTIONS</p>
<b>STRUCTURAL</b>	<p><b>BASE BID - CONVENTIONAL FOOTINGS AND FOUNDATION SYSTEM</b></p> <p>S1.1 FLOOR &amp; FOUNDATION PLAN, FOOTING SCHEDULE</p> <p>S2.1 GENERAL NOTES &amp; MISCELLANEOUS DETAILS</p> <p>S2.1 STRUCTURAL SECTIONS</p> <p><b>BID ALTERNATE #1 - RAFT SLAB SYSTEM</b></p> <p>S1.2 FLOOR &amp; FOUNDATION PLAN</p> <p>S2.2 GENERAL NOTES &amp; MISCELLANEOUS DETAILS</p> <p>S2.2 STRUCTURAL SECTIONS</p>
<b>ELECTRICAL</b>	E1.0 ELECTRICAL SITE PLAN, ELECTRICAL POWER & LIGHTING PLAN, ONE LINE DIAGRAM, ELECTRICAL LEGEND, ELECTRICAL SCHEDULES, FLAG NOTES & SPECIFICATION NOTES

### PROJECT TEAM

<b>ARCHITECT:</b>	PLAN ONE/ARCHITECTS 1001 12TH STREET CODY, WY 82414 (307) 557-5646 CONTACT: DAVE WELLINGTON
<b>STRUCTURAL ENGINEER:</b>	LOWER & COMPANY 1507 CY AVENUE, SUITE 201 CASPER, WY 82404 (307) 234-6934 CONTACT: BOB LOWER, P.E.
<b>ELECTRICAL ENGINEER:</b>	ENGINEERING DESIGN ASSOCIATES 1507 CY AVENUE, SUITE 303 CASPER, WY 82404 (307) 266-5033 CONTACT: MONTE SCHAFF, P.E.

### BUILDING DATA

<b>OWNER:</b>	HEADQUARTERS CONTACT: WYOMING DEPARTMENT OF TRANSPORTATION 5300 BISHOP BOULEVARD CHEYENNE, WY 82009-3340 CONTACT: WILLIAM D. WILSON, ARCHITECTURAL PROJECTS COORDINATOR
<b>PRIMARY CONTACT:</b>	WYOMING DEPARTMENT OF TRANSPORTATION, DISTRICT 5 215 WEST C STREET BASH, WY 82410 CONTACT: STEVE PALMER, FACILITY CONSTRUCTION COORDINATOR
<b>PROJECT ADDRESS:</b>	SOUTH PASS, WYOMING - FREMONT COUNTY
<b>OCCUPANCY:</b>	SALT/SAND STORAGE BUILDING: 5-1
<b>NO. OF STORES:</b>	SALT/SAND STORAGE BUILDING: ONE
<b>GROSS AREA:</b>	SALT/SAND STORAGE BUILDING: BUILDING AREA 4,000 SF
<b>TYPE OF CONSTRUCTION:</b>	SALT/SAND STORAGE BUILDING V-5
<b>BUILDING CODE APPLICABLE:</b>	2006 IBC

**WYDOT APPROVAL**

BID DOCUMENT DATE: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

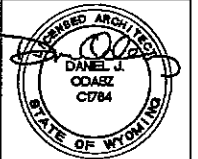
CHIEF ENGINEER  
WYOMING DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION DOCUMENTS**

SET NO. \_\_\_\_\_



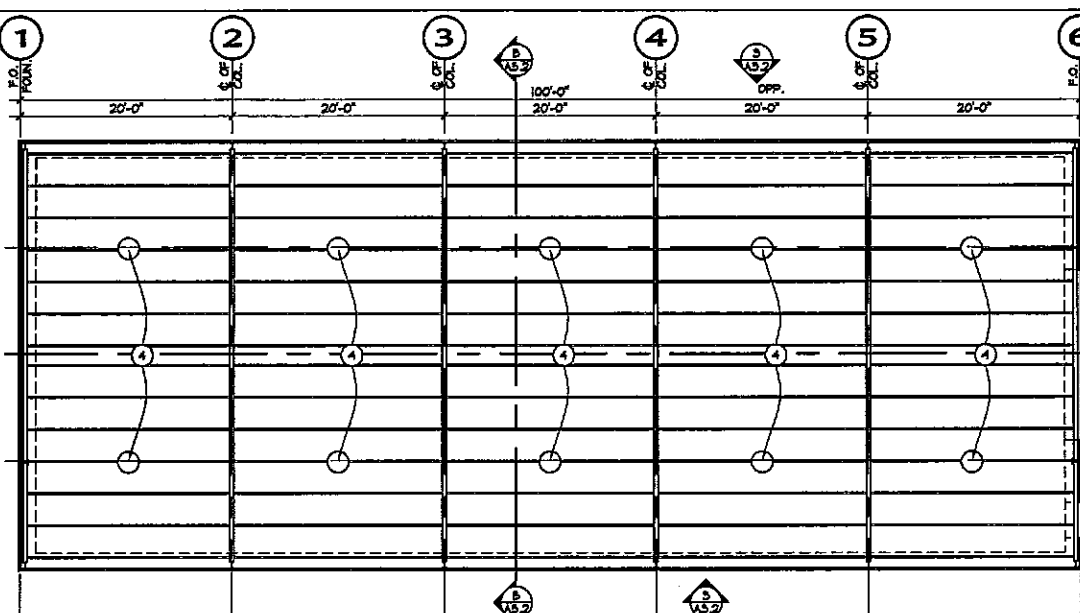
ARCHITECTS



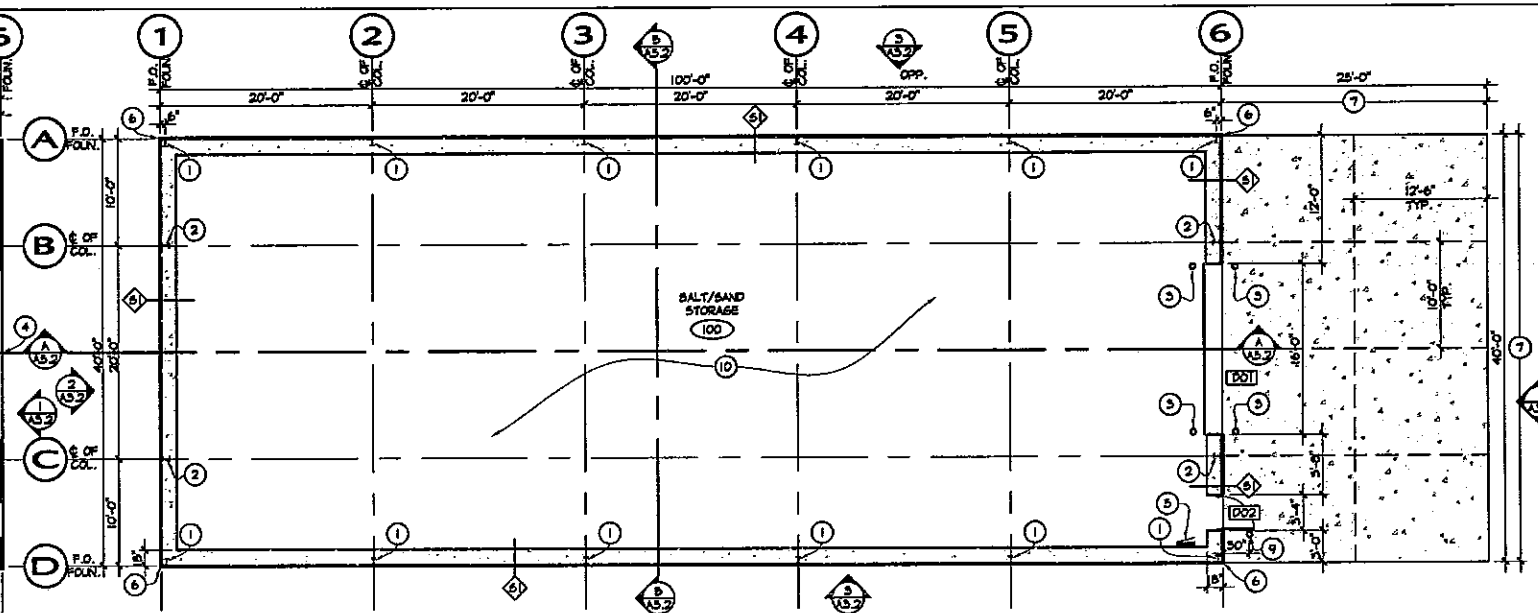
The professional services of the architect are provided for and are performed in the interest of the owner. If the architect is to be retained, it is essential that the architect be retained for the full term of the project.

WYDOT Project #: SNWCTRL  
 Plan one  
 project #: 11235  
 date: 04/16/2012  
 revisions:

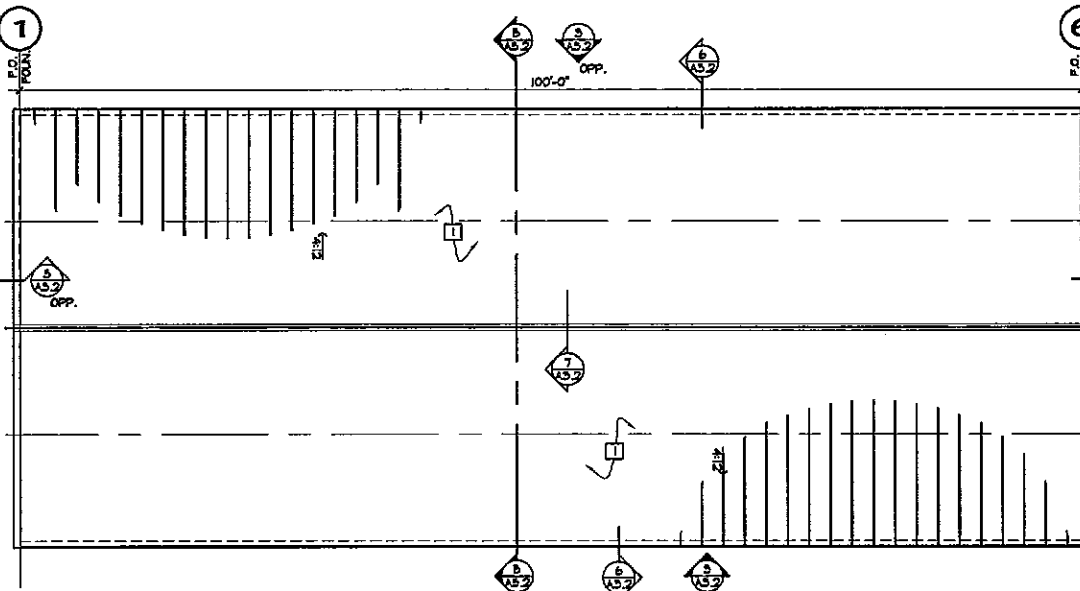
T1.1



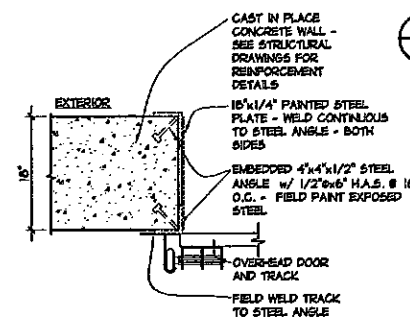
2 SALT/SAND STORAGE BUILDING REFLECTED CEILING PLAN - ALTERNATE #1 - RAFT SLAB SYSTEM. SCALE 3/16"=1'-0"



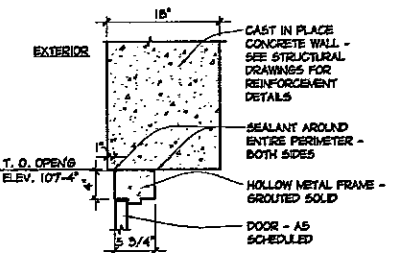
1 SALT/SAND STORAGE BUILDING FLOOR PLAN - ALTERNATE #1 - RAFT SLAB SYSTEM. SCALE 3/16"=1'-0"



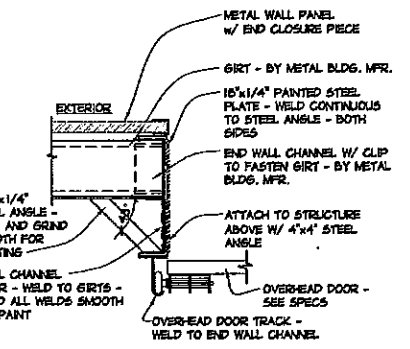
3 SALT/SAND STORAGE BUILDING ROOF PLAN - ALTERNATE #1 - RAFT SLAB SYSTEM. SCALE 3/16"=1'-0"



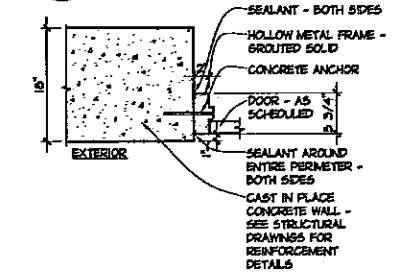
7 DOOR JAMB DETAIL - LOWER. SCALE 1/4"=1'-0"



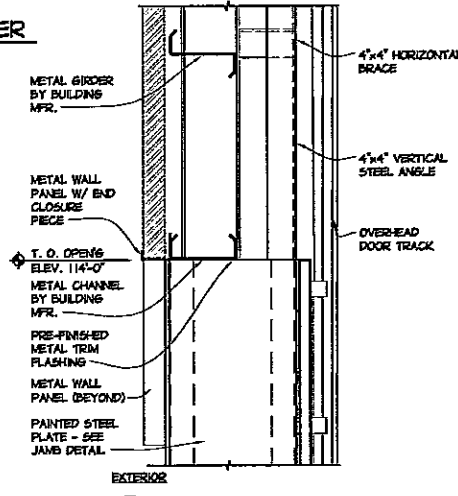
4 DOOR HEAD DETAIL. SCALE 1/4"=1'-0"



8 DOOR JAMB DETAIL - UPPER. SCALE 1/4"=1'-0"



5 DOOR JAMB DETAIL. SCALE 1/4"=1'-0"



6 DOOR HEAD DETAIL. SCALE 1/4"=1'-0"

GENERAL NOTES

- ALL GRID LINES ARE TO THE CENTER OF STRUCTURAL ELEMENTS OR FACE OF FOUNDATION.
- DIMS ARE TO FACE OF CONCRETE OR GRID LINE UNLESS NOTED OTHERWISE.
- IF A CONFLICT OR DISCREPANCY OCCURS BETWEEN FLOOR PLANS OF ARCHITECTURAL, STRUCTURAL, OR ELECTRICAL DRAWINGS - CONTACT ARCHITECT FOR CLARIFICATION.
- SEE STRUCTURAL SHEETS FOR CONTROL JOINTS IN FLOOR SLABS.
- SEE WALL TYPE SCHEDULE THIS SHEET FOR WALL CONSTRUCTION INFORMATION.
- SEE DOOR SCHEDULE ON THIS SHEET.

KEYED NOTES

- BUILDING FRAME
- END WALL COLLAR
- 6" DIAMETER PIPE BOLLARDS - SEE DETAIL 4/A3.2 - SIMILAR OF 4
- LIGHT - SEE ELECTRICAL DRAWING FOR MORE INFORMATION
- ELECTRICAL PANEL - SEE ELECTRICAL DRAWING FOR MORE INFORMATION - LOCATION WILL VARY PER SITE
- 6"-0" HIGH GALVANIZED STEEL ANGLE - SEE EXTERIOR ELEVATIONS AND DETAIL 9/A3.2 - TYPICAL OF 4
- 6" REINFORCED CONCRETE APRON - SEE STRUCTURAL DRAWINGS FOR MORE CONSTRUCTION INFORMATION
- CONCRETE CONTRACTION JOINTS - NOTED THIS
- 6" DIAMETER PIPE BOLLARD TO BE USED AS DOOR STOP - BOLLARD FILLED WITH CONCRETE AND PAINTED - MOLYBDEUM RUBBER DOOR STOP TO BOLLARD
- 12" REINFORCED CONCRETE SLAB - SEE STRUCTURAL DRAWINGS FOR MORE CONSTRUCTION INFORMATION

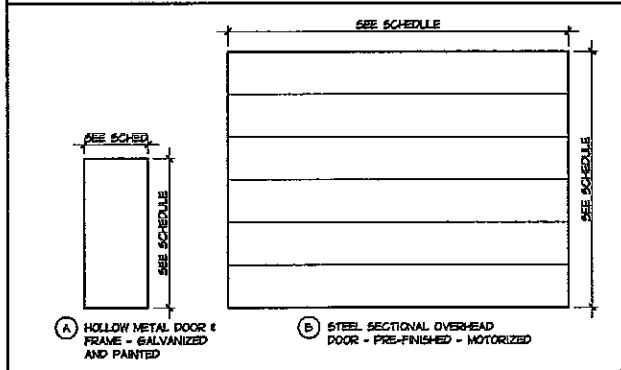
WALL TYPES

- ABOVE ELEVATION 112'-0" AND UP (SEE DETAIL 8/A3.2) 16" CONCRETE WALL W/ METAL BUILDING EXPOSERS & SIDING ABOVE
- BELOW ELEVATION 112'-0" AND DOWN (SEE DETAIL 8/A3.2) 12" CONCRETE WALL - EXPOSED BOTH SIDES - CONCRETE TO HAVE SACK RUBBER FINISH ON EXTERIOR SIDE

METAL BUILDING ROOF SYSTEM

- CLASS 'C' METAL BUILDING ROOF, OVER METAL BUILDING FURLINS, OVER METAL BUILDING FRAME
- INDICATES DIRECTION OF SLOPE @ 4" PER FOOT
- FOLLOW ROOFING MFR'S SYSTEM REQUIREMENTS FOR ALL TERMINATIONS & SEAMS

DOOR TYPES



GENERAL DOOR NOTES

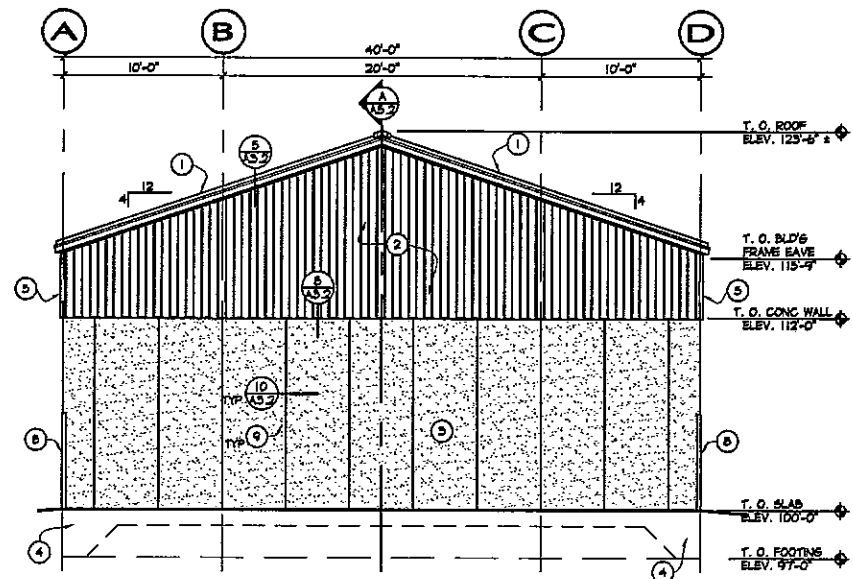
- REFER TO SHEET A1.2 FOR DOOR LOCATIONS.
- SEE SPECIFICATIONS FOR HARDWARE DESCRIPTION AND THIS SHEET FOR DOOR HARDWARE DESIGNATIONS.
- EXTERIOR HOLLOW METAL DOOR TO BE GALVANIZED AND PAINTED.

SALT/SAND STORAGE BUILD'G

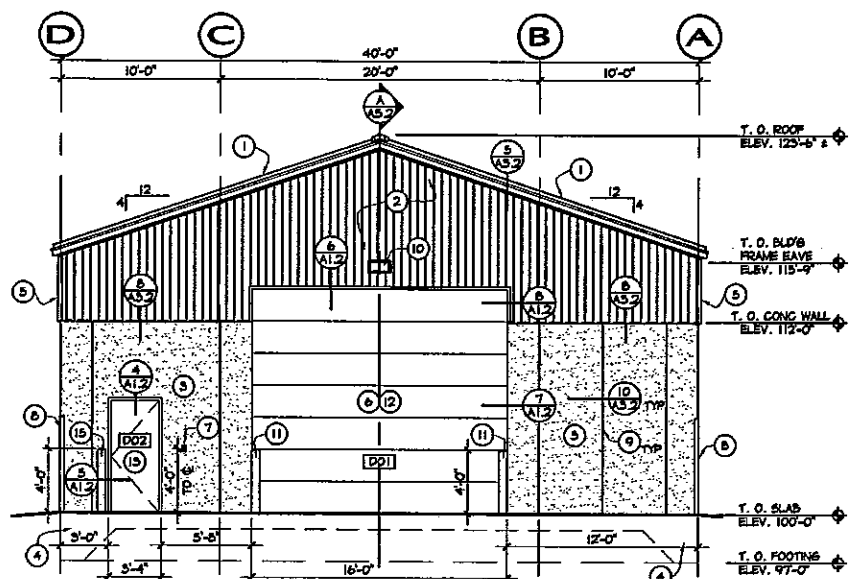
DOOR #	FRAME TYPE	DOOR SIZE	DOOR TYPE	HEAD DETAIL	JAMB DETAIL	U.L. RATINGS	HWDR	REMARKS
DO1	STEEL	16'-0" X 14'-0"	(B)	6/A1.2	7 & 8/A1.2			(1)
DO2	HM.	3'-0" X 7'-0"	(A)	4/A1.2	5/A1.2			(2)

DOOR REMARKS

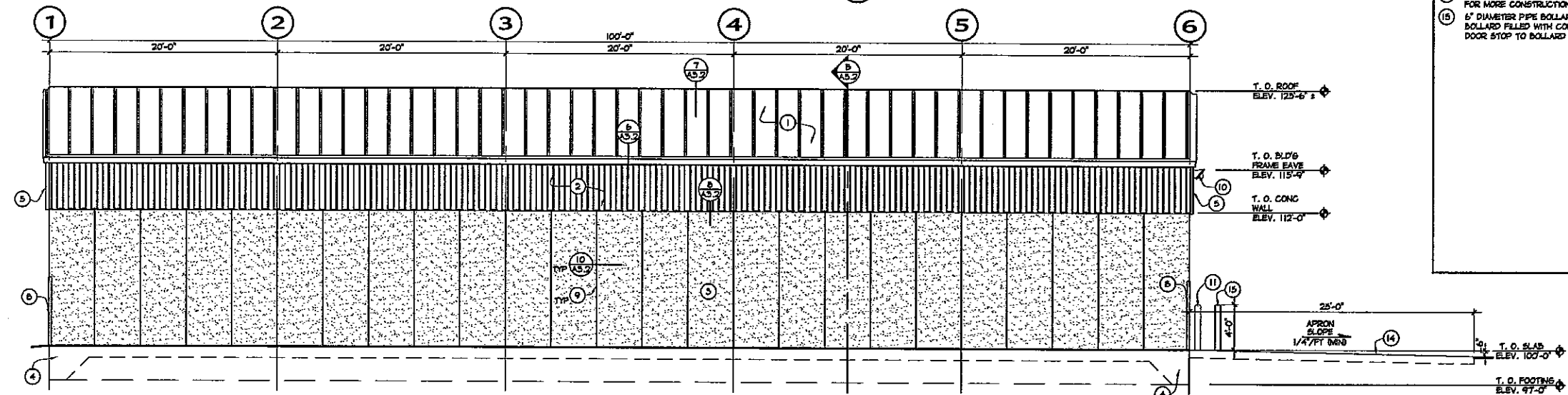
- MOTORIZED, SECTIONAL, HIGH LIFT DOOR
- SEE SPEC. SECTION 0610 FOR DOOR HARDWARE



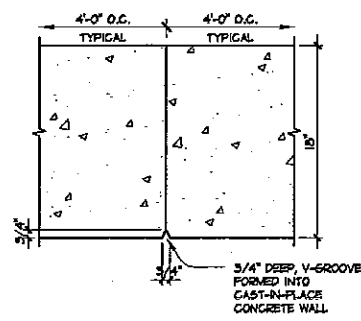
WEST ELEVATION -  
 ALTERNATE #1 - RAFT SLAB SYSTEM  
 AS.2 3/16"=1'-0"



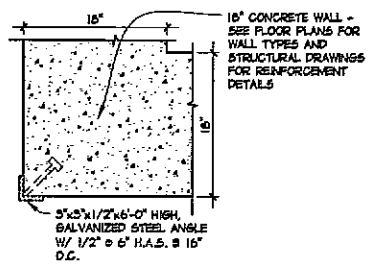
EAST ELEVATION -  
 ALTERNATE #1 - RAFT SLAB SYSTEM  
 AS.2 3/16"=1'-0"



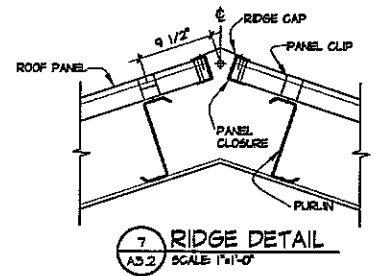
SOUTH ELEVATION -  
 ALTERNATE #1 - RAFT SLAB SYSTEM  
 AS.2 3/16"=1'-0" (NORTH ELEVATION - OPPOSITE)



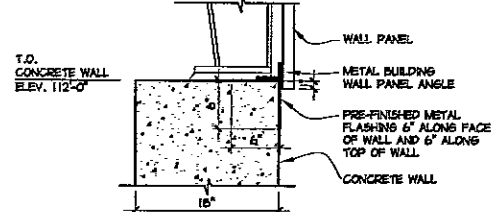
10 V-GROOVE DETAIL  
 AS.2 SCALE 1/2"=1'-0"



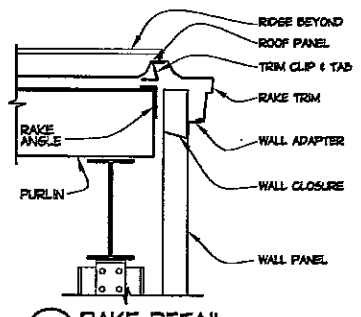
9 EXTERIOR CORNER DETAIL  
 AS.2 SCALE 1"=1'-0"



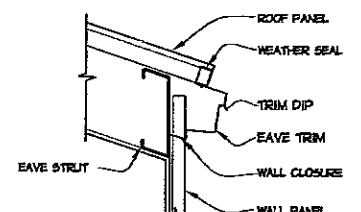
7 RIDGE DETAIL  
 AS.2 SCALE 1"=1'-0"



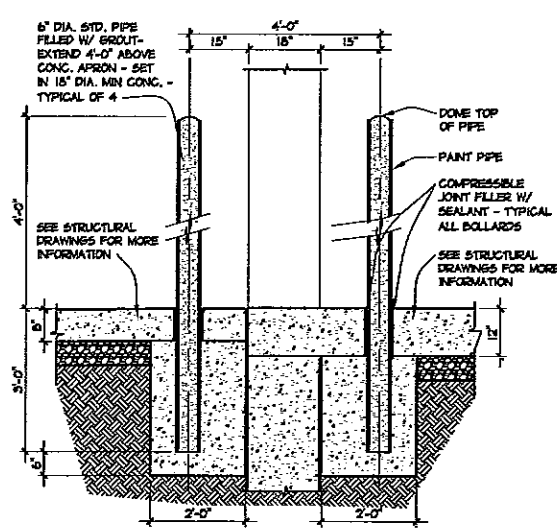
8 METAL BUILDING FLASHING DETAIL  
 AS.2 SCALE 1"=1'-0"



5 RAKE DETAIL  
 AS.2 SCALE 1"=1'-0"



6 EAVE DETAIL  
 AS.2 SCALE 1"=1'-0"



4 PIPE BOLLARD DETAIL  
 AS.2 SCALE 1/2"=1'-0"

**GENERAL NOTES**

- SEE FLOOR PLAN ON SHEET A1.2 FOR WALL CONSTRUCTION.
- SEE REFLECTED CEILING PLAN ON SHEET A1.2 FOR CEILING INFORMATION.
- SEE ROOF PLAN ON SHEET A1.2 FOR ROOF CONSTRUCTION.

**KEYED NOTES**

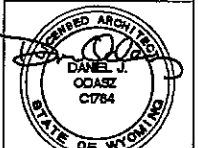
- METAL BUILDING METAL ROOF SYSTEM - SEE ROOF PLAN ON SHEET A1.2
- METAL BUILDING SIDING
- EXTERIOR, EXPOSED CONCRETE WALL - SACK RUBBED FINISH - SEE STRUCTURAL DRAWINGS FOR MORE INFORMATION
- BUILDING FOUNDATION - SEE STRUCTURAL SHEETS FOR MORE INFORMATION
- METAL BUILDING CORNER TRIM
- PROVIDE ADDITIONAL METAL FRAMING, BRACING AND BACKING - AS REQUIRED - FOR THE SECTIONAL OVER-HEAD DOOR INSTALLATION
- POWER OUTLET CENTERED AT 4'-0" - SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION
- 6'-0" HIGH, GALVANIZED STEEL ANGLE - SEE DETAIL 9/AS.2 - TYPICAL OF 4
- FORMED CONCRETE JOINT - 4'-0" O.C. - SEE DETAIL 10/AS.2
- WALL MOUNTED LIGHT FIXTURE CENTERED ABOVE DOOR - SEE ELECTRICAL DRAWINGS AND SPECS.
- 6" DIAMETER PIPE BOLLARD - SEE DETAIL 4/AS.2 - TYPICAL OF 4
- MOTORIZED SECTIONAL OVER-HEAD DOOR - SEE DOOR SCHEDULE ON SHEET A1.2
- HOLLOW METAL DOOR/FRAME/HARDWARE - PAINTED - SEE DOOR SCHEDULE ON SHEET A1.2
- 8" REINFORCED, CONCRETE APRON - SEE STRUCTURAL DRAWINGS FOR MORE CONSTRUCTION INFORMATION
- 6" DIAMETER PIPE BOLLARD TO BE USED AS DOOR STOP - BOLLARD FILLED WITH CONCRETE AND PAINTED - MOUNT RUBBER DOOR STOP TO BOLLARD



WYOMING DEPARTMENT OF TRANSPORTATION  
 SOUTH PASS SALT AND SAND BUILDING  
 pian one / architects



ARCHITECTS



The professional services of the architect are provided for the project as shown on the drawings. It is the responsibility of the contractor to verify the accuracy of the information shown on the drawings for the project.

wydot project #: 5NWCRTL  
 pian one project #: 1125B  
 date: 04/16/2012  
 revisions:

**A3.2**



WYOMING DEPARTMENT OF TRANSPORTATION  
 SOUTH PASS SALT AND SAND BUILDING  
 plan one / architects  
 - driggs, idaho, 189 north main, suite 112, 83422 (208) 354-8036  
 - rock springs, wyoming, 4020 dewar dr., suite a, 82901 (307) 352-2954  
 - coody, wyoming, 1001 12th st., 82414 (307) 587-8646

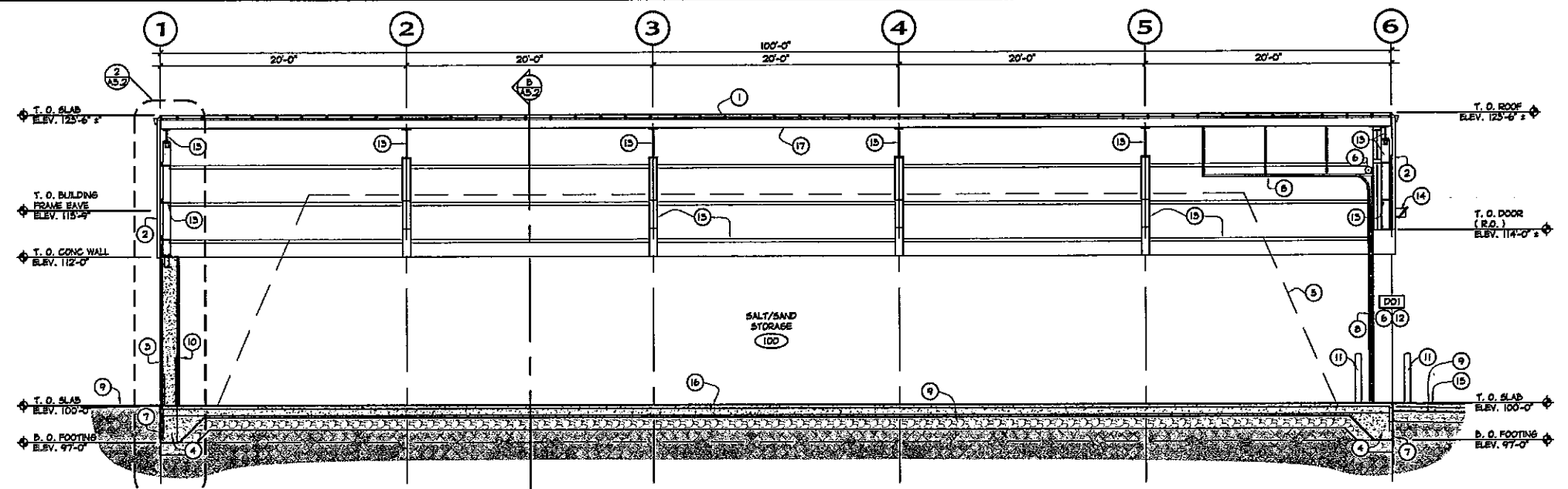


ARCHITECTS

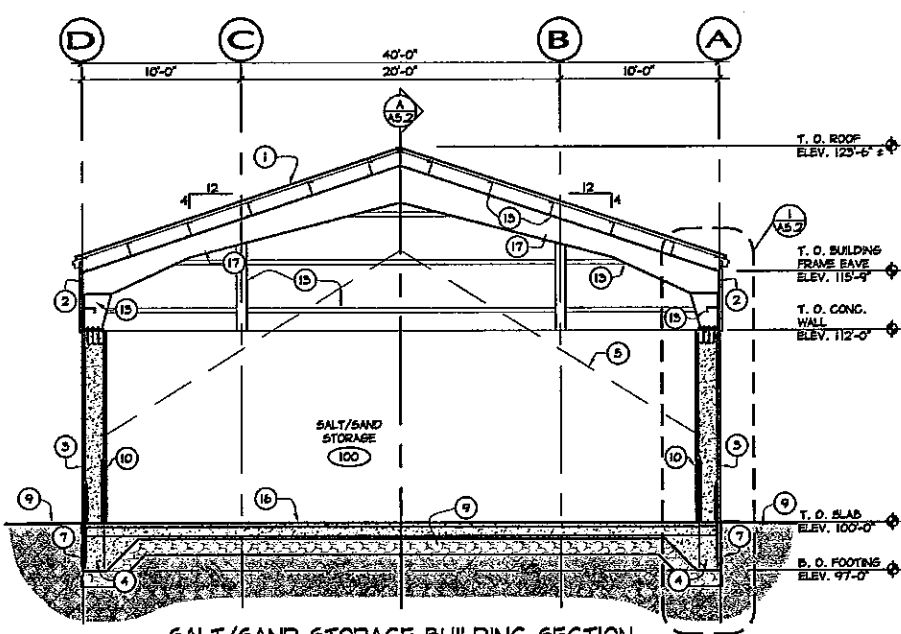
The professional services of the architect are provided for and are intended for the benefit of the Wyoming Department of Transportation. In no event shall the architect be held liable for any damages, including consequential damages, arising out of or from the use of the drawings, specifications, or any other documents prepared by the architect.

wydat  
 project #: SNWCTRL  
 plan one  
 project #: 1125B  
 date: 04/16/2012  
 revisions:

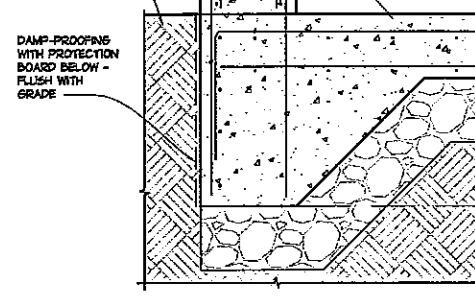
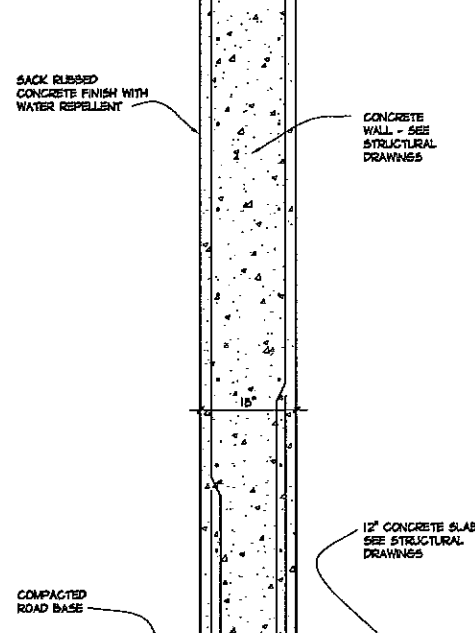
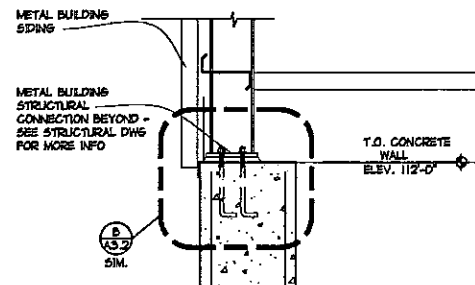
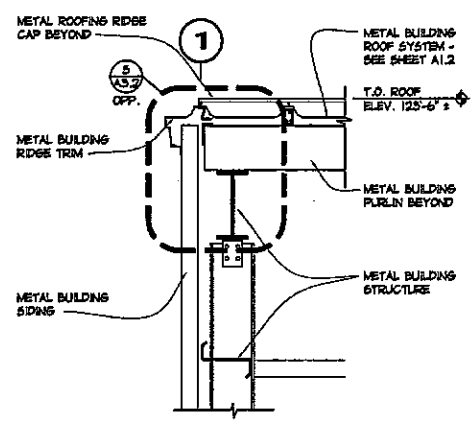
A5.2



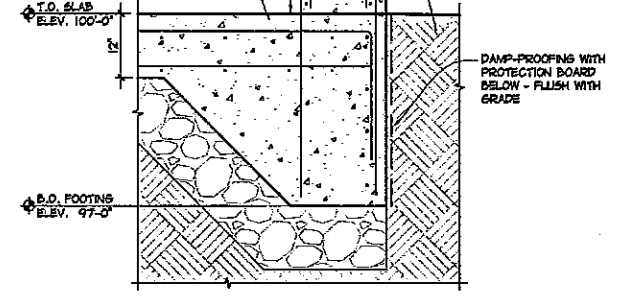
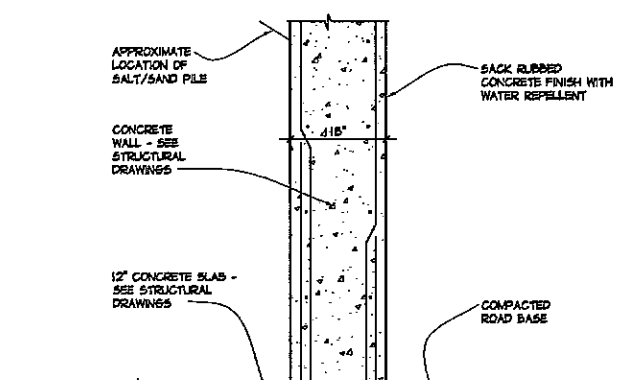
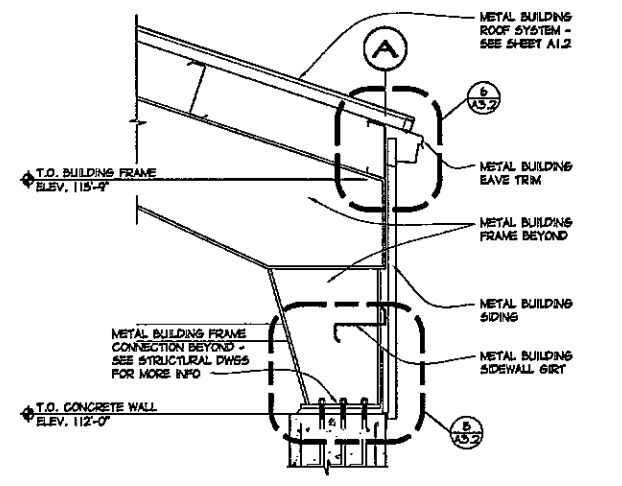
SALT/SAND STORAGE BUILDING SECTION - ALTERNATE #1 - RAFT SLAB SYSTEM  
 A5.2 SCALE 3/16"=1'-0"



SALT/SAND STORAGE BUILDING SECTION - ALTERNATE #1 - RAFT SLAB SYSTEM  
 B5.2 SCALE 3/16"=1'-0"



SALT/SAND STORAGE WALL SECTION - ALTERNATE #1 - RAFT SLAB SYSTEM  
 2 A5.2 SCALE 3/16"=1'-0"



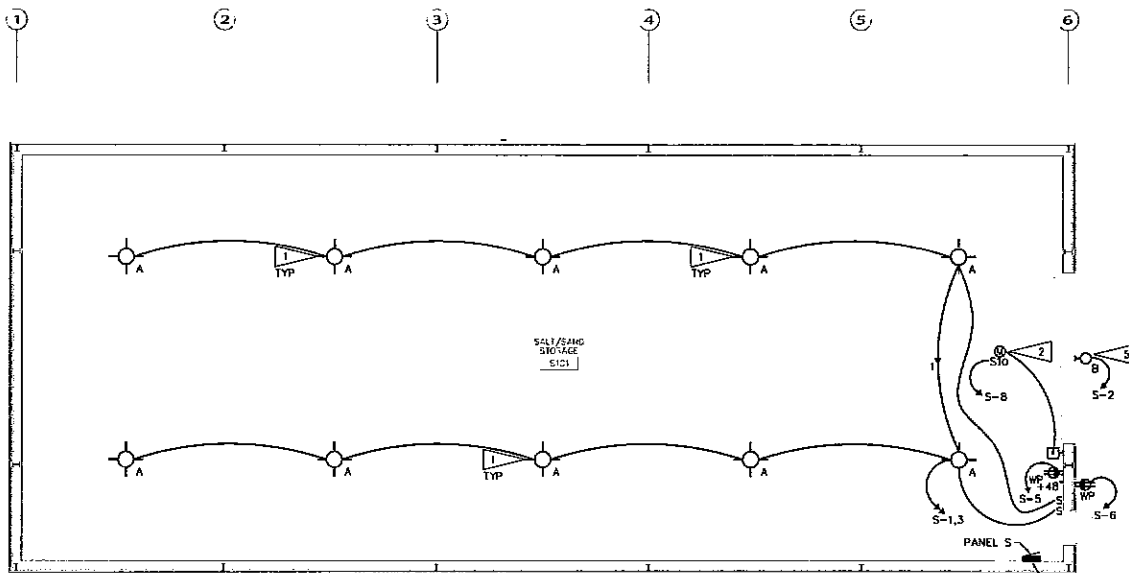
SALT/SAND STORAGE WALL SECTION - ALTERNATE #1 - RAFT SLAB SYSTEM  
 1 A5.2 SCALE 3/16"=1'-0"

GENERAL NOTES

- SEE FLOOR PLAN ON SHEET A1.2 FOR WALL CONSTRUCTION.
- SEE REFLECTED CEILING PLAN ON SHEET A1.2 FOR CEILING INFORMATION.
- SEE ROOF PLAN ON SHEET A1.2 FOR ROOF CONSTRUCTION.

KEYED NOTES

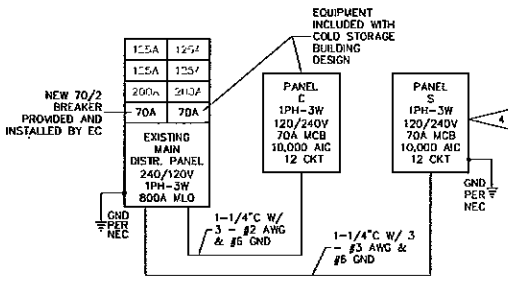
- | KEYED | NOTED   |
|-------|---|
| 1     | METAL BUILDING METAL ROOF SYSTEM - SEE ROOF PLAN ON SHEET A1.2  |
| 2     | METAL BUILDING SIDING   |
| 3     | EXPOSED CONCRETE WALL - SACK RUBBED FINISH - SEAL AS PER SECTION 07190 - SEE STRUCTURAL DRAWINGS FOR MORE INFORMATION |
| 4     | BUILDING FOUNDATION - SEE STRUCTURAL SHEETS FOR MORE INFORMATION  |
| 5     | APPROXIMATE LOCATION OF SAND/SALT PILE  |
| 6     | PROVIDE ADDITIONAL METAL FRAMING, BRACING AND BACKING - AS REQUIRED - FOR THE SECTIONAL OVERHEAD DOOR INSTALLATION    |
| 7     | FOUNDATION WALL DAMP PROOFING AND PROTECTION BOARD BELOW FINISHED GRADE   |
| 8     | SECTIONAL OVERHEAD DOOR & TRACK - SEE DETAILS 6/A1.2, 7/A1.2 & 8/A1.2 FOR MORE INFORMATION                            |
| 9     | COMPACTED BASE - SEE SPEC. SECTION 02207 AND 02300  |
| 10    | CONCRETE WALL - SEE STRUCTURAL DRAWINGS FOR MORE CONSTRUCTION INFORMATION   |
| 11    | 6" DIAMETER PIPE BOLLARD - SEE DETAIL 4/A5.2 - TYPICAL OF 4   |
| 12    | MOTORIZED SECTIONAL OVERHEAD DOOR - SEE DOOR SCHEDULE ON SHEET A1.2   |
| 13    | METAL BUILDING STRUCTURAL ELEMENT   |
| 14    | WALL MOUNTED LIGHT FIXTURE CENTERED ABOVE DOOR - SEE ELECTRICAL DRAWINGS  |
| 15    | 8" REINFORCED CONCRETE APRON - SEE STRUCTURAL DRAWINGS FOR MORE CONSTRUCTION INFORMATION                              |
| 16    | 12" REINFORCED CONCRETE SLAB - SEE STRUCTURAL DRAWINGS FOR MORE CONSTRUCTION INFORMATION                              |
| 17    | EXPOSED STRUCTURE AT CEILING - FACTORY PRIMED - NOT PAINTED   |



**1 ELECTRICAL POWER & LIGHTING PLAN**  
 SCALE: 1/8" = 1'-0"

ELECTRICAL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
⊙	LIGHTING OUTLET - CEILING	⊞	PUSHBUTTON SWITCH
→	AMING DIRECTION	—	CIRCUIT RUN; CONCEALED IN CEILING OR WALL
⊙	LIGHTING OUTLET - WALL	—	CIRCUIT RUN; UNDERFLOOR OR UNDERGROUND
⊙	LIGHTING OUTLET - RECESSED	—	HOME RUN
⊙	EXIT LIGHT - WITH DIRECTIONAL ARROW	A	PANEL DESIGNATION
⊙	FLUORESCENT STRIP LIGHT	S	CIRCUIT NUMBER
⊙	FLUORESCENT FIXTURE - SURFACE OR PENDANT	⊞	ELECTRICAL PANEL
⊙	FLUORESCENT FIXTURE - RECESSED	⊞	TRANSFORMER
⊙	LIGHTING FIXTURE WITH BATTERY BACKUP	⊞	FUSIBLE DISCONNECT SWITCH
⊙	JUNCTION BOX - WALL	⊞	MAGNETIC STARTER OR CONTACTOR
⊙	JUNCTION BOX - CEILING	⊞	COMBINATION STARTER
⊙	JUNCTION BOX - FLOOR	⊞	MOTOR OUTLET AND CONNECTION
⊙	DUPLEX RECEPTACLE	⊞	ELECTRIC METER
⊙	DUPLEX RECEPTACLE - GFCI	⊞	GROUND
⊙	DOUBLE DUPLEX RECEPTACLE	⊞	NOTE SYMBOL
⊙	SPECIAL PURPOSE OUTLET	⊞	SPECIAL EQUIPMENT SYMBOL
⊙	SINGLE POLE SWITCH	⊞	MECHANICAL EQUIPMENT SYMBOL
⊙	⊙ - INDICATES SWITCHING	⊞	WEATHERPROOF
⊙	3 - THREE WAY	⊞	ABOVE COUNTER
⊙	F - WITH PILOT LIGHT	⊞	UNDER COUNTER
⊙	TO - THERMAL OVERLOAD	⊞	ABOVE FINISHED FLOOR
⊙	D - DIMMER	⊞	UNLESS OTHERWISE NOTED
		⊞	ELECTRICAL CONTRACTOR
		⊞	MECHANICAL CONTRACTOR
		⊞	INDICATES EXISTING

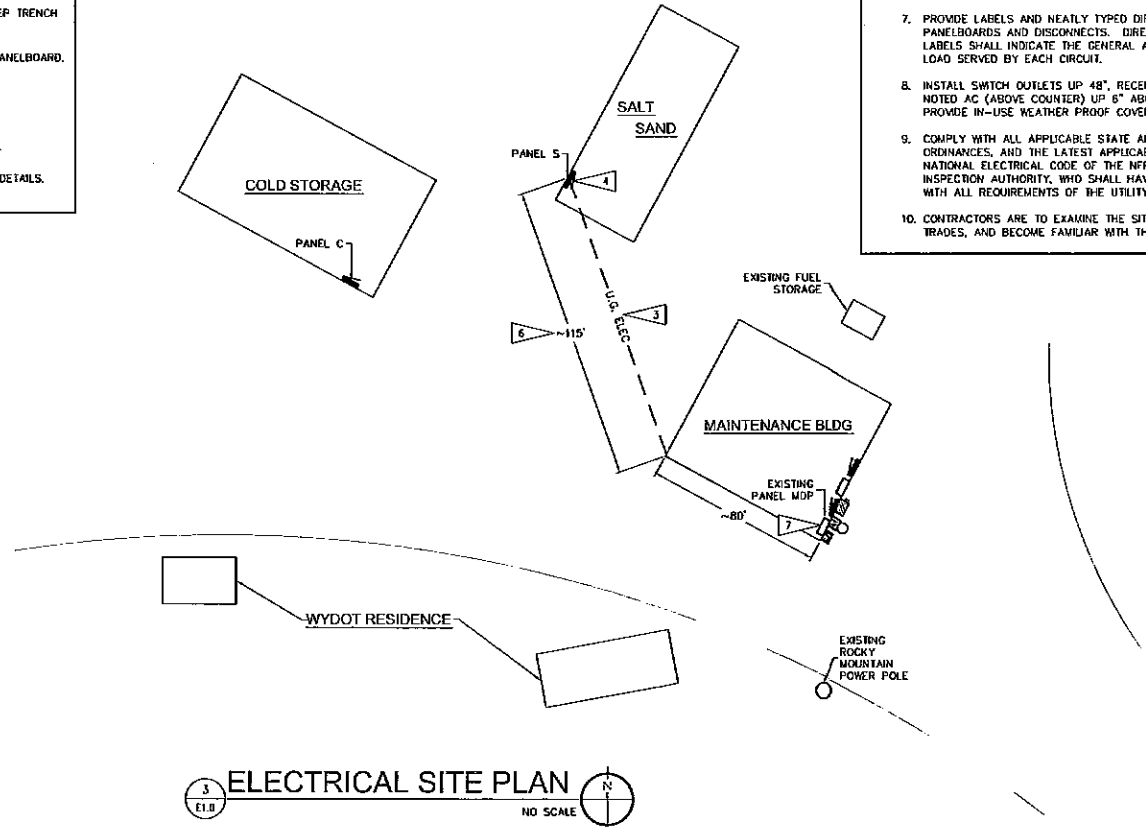
- FLAG NOTES:**
- FIXTURE 'A' TO BE A PULSE START, LOW BAY METAL HALIDE WITH 22" ALUMINUM REFLECTOR AND OPEN RATED LAMP SOCKET; WET LOCATION RATED, SAFETY CHAIN AND POWER HOOK, SURFACE MOUNT TO STRUCTURE. LUMARK P/N: MPRB-RP-22-200-M1-OR-SHK.
  - 120V, 1PH, 3/4 HP OVERHEAD DOOR OPERATOR AND CONTROLS FURNISHED BY OTHERS AND WIRED BY EC. COORDINATE EXACT LOCATIONS AND CONNECTION REQUIREMENTS WITH EQUIPMENT PROVIDER.
  - FEEDER TO NEW PANEL "S". EC TO ROUTE 1-1/4" SCHEDULE 40 PVC CONDUIT IN 24" DEEP TRENCH WITH 3 - #3 AWG CONDUCTORS AND 1 - #6 GND.
  - NEW PANEL "S". EC TO PROVIDE: 240/120V, 70A MCB, 1PH-3W, 12-CIRCUIT, NEMA 4X, PANELBOARD. EATON POW-R-LINE SERIES OR APPROVED EQUAL.
  - FIXTURE "B" TO BE PULSE START METAL HALIDE HALL PACK WITH INTEGRAL PHOTOCELL. LUMARK P/N: MPWP-GL-250-MT-LL-FE12D.
  - DISTANCE SHOWN IS AN APPROXIMATION, VERIFY ACTUAL DISTANCE ON SITE PRIOR TO BID.
  - EC TO INSTALL NEW 70/2 BREAKER IN EXISTING PANEL MDP. REFER TO SINGLE LINE FOR DETAILS.



**2 PARTIAL ONE LINE DIAGRAM**  
 NO SCALE

LOAD DESCRIPTION	RECEP LD (VA)	MECH LD (VA)	LIGHT LD (VA)	WIRE SIZE (VA)	CIRCUIT BREAKER AMP	POLE	CIRCUIT NUMBER	PHASE	CIRCUIT NUMBER	CIRCUIT BREAKER AMP	WIRE SIZE (VA)	LIGHT LD (VA)	MECH LD (VA)	RECEP LD (VA)	LOAD DESCRIPTION
INT LIGHTS			1170	#12	20	1	1	A	2	1	20	#12			BLDG LIGHTS
INT LIGHTS			1170	#12	20	1	3	B	4	1	20	#12			SPARE
INT REC	300			#12	20	1	5	A	6	1	20	#12		300	EXT RECS
SPARE				#12	20	1	7	B	8	1	20	#12	1656		DOOR OPER
SPARE				#12	20	1	9	A	10	1	20	#12			SPARE
SPARE				#12	20	1	11	B	12	1	20	#12			SPARE

CONNECTED LOAD (VA)	DEMAND LOAD (VA)	TOTAL FOR PHASE A:	TOTAL FOR PHASE B:	MAXIMUM UNBALANCE:	MIN. FEEDER AMPACITY:
LIGHTING: 2640	3300	2070	2826	27%	27
RECEPTACLE: 600	600				
MECHANICAL: 1656	1656				
LARGEST MOTOR: 1656	828				
<b>TOTAL LOAD: 4896</b>	<b>6384</b>				



**3 ELECTRICAL SITE PLAN**  
 NO SCALE

**SPECIFICATION NOTES**

- GROUND THE ENTIRE ELECTRICAL DISTRIBUTION SYSTEM, INCLUDING ALL RACEWAYS, OUTLETS, FIXTURES, EQUIPMENT, ETC., IN FULL ACCORD WITH THE NEC. BOND NEUTRAL CONDUCTORS AND RACEWAY SYSTEMS TO THE MAIN SERVICE AND CONNECT TO THE MAIN WATER LINE (IF AVAILABLE), BUILDING METAL FRAME, AND CONCRETE ENCASED ELECTRODE PER NEC 250-B1. EXTENSION IS TO BE MADE WITH COPPER CONDUCTOR HOUSED IN RIGID STEEL OR PVC CONDUIT WHERE REQUIRED, BOTH SIZED PER NEC. CONNECTIONS ARE TO BE MADE TO THE GROUNDING ELECTRODES WITH APPROVED CLAMPS WHICH WILL BOND BOTH THE CONDUIT AND THE CONDUCTOR TO THE GROUNDING ELECTRODES. IF LOCAL INSPECTION AUTHORITY REQUIRES, PROVIDE DRIVEN GROUND ROD OR ROOFS TO GROUND THE SYSTEM PER THE NEC.
- ALL CONDUCTORS SHALL BE COPPER AND TYPE THWN/THHN UNLESS INDICATED OTHERWISE.
- SECURE ALL RACEWAY SYSTEMS TO BUILDING STRUCTURE IN A RIGID AND SECURE MANNER USING APPROVED TYPE FASTENERS SUCH AS "CADDY CLIPS" OR SIMILAR TYPE OF OTHER MANUFACTURERS. THE USE OF WIRE, FLUIDER STRAPS, ETC. WILL NOT BE PERMITTED. LOCATIONS AND SPACING OF FASTENERS SHALL BE AS REQUIRED BY THE NEC.
- USE THE APPROVED TYPE COUPLINGS AND CONNECTORS IN ALL CONDUIT RUNS AND MAKE ALL JOINTS TIGHT. PROVIDE INSULATED BUSHINGS FOR ALL TERMINATIONS IN PIPE SIZES 1-1/4" AND LARGER. PROVIDE ALL COMPRESSION TYPE COUPLINGS FOR ALL CONCEALED, EXPOSED EMT CONDUITS. PROVIDE EXPANSION FITTINGS AND BONDING CONDUCTORS FOR ALL RUNS WHICH CROSS BUILDING EXPANSION JOINTS. PROVIDE STEEL WATERPROOF FITTINGS FOR ALL RUNS IN WET LOCATIONS SUCH AS EXPOSED TO WEATHER, BURIED IN SLABS, ETC. FITTINGS SHALL BE MANUFACTURED BY O.Z., TOMIC, RACO, APPLETON, STEEL CITY, OR AND B.
- PROVIDE PANELBOARDS WHERE INDICATED. PANELS SURFACE MOUNTED AND SHALL BE INSTALLED WITH TOP OF PANEL UP 6-8" ABOVE FLOOR. PROVIDE NUMBER AND SIZE OF FULL WIDTH, THERMAL-MAGNETIC, BOLTED BREAKERS AS INDICATED. ALL BREAKERS SHALL BE QUICK-MAKE, QUICK-BREAK AND SHALL HAVE AN INTERNAL TRIP-FREE MECHANISM; TWO AND THREE POLE BREAKERS SHALL BE INTERNALLY "COMMON TRIP" AND SHALL HAVE A COMMON OPERATION HANDLE. ALL PANELS SHALL HAVE FLUSH, HINGED, STEEL DOORS EQUIPPED WITH MASTER KEYS LOCKS. ALL PANELS SHALL HAVE GROUND BUSES. ALL PANELS SHALL BE GE, SOLJARE D, ITE, CUTLER-HAMMER OR APPROVED EQUAL WITH CIRCUIT BREAKERS HAVING A MINIMUM I.C. RATING OF 10,000 AMPS, SYMMETRICAL.
- PROVIDE THE FOLLOWING TYPES OF RACEWAYS FOR THE SPECIFIC APPLICATION OR LOCATION INDICATED.
  - A. HEAVYWALL, TYPE II, RIGID, SCHEDULE 40 PVC
    - FOR ALL WIRING RUNS BURIED UNDERGROUND, UNLESS OTHERWISE INDICATED.
  - NOTE: PROVIDE EXPANSION JOINTS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND LOCAL CODE REQUIREMENTS.
  - B. FLEXIBLE CONDUIT
    - FOR FINAL CONNECTIONS TO ALL MOTORS.
  - C. ELECTRICAL METALLIC TUBING (EMT) GALVANIZED
    - FOR ALL LOCATIONS NOT SPECIFIED ABOVE, SUCH AS ABOVE GRADE SLABS, WALLS, CEILING, ETC.
  - D. PRE-WIRED ARMORED CABLE
    - THE USE OF ANY TYPE OF PRE-WIRED ARMORED CABLE IS NOT PERMITTED UNLESS PERMISSION IS OBTAINED FROM THE ARCHITECT. EXCEPTION: LIGHTING FIXTURE WIMPS WHICH ARE 6" IN LENGTH OR LESS.
- PROVIDE LABELS AND NEATLY TYPED DIRECTORY CARDS FOR ALL NEW PANELBOARDS AND DISCONNECTS. DIRECTORY CARDS, NAMEPLATES AND LABELS SHALL INDICATE THE GENERAL AREA AND TYPE OF ELECTRICAL LOAD SERVED BY EACH CIRCUIT.
- INSTALL SWITCH OUTLETS UP 48". RECEPTACLE OUTLETS UP 16" AND OUTLETS NOTED AC (ABOVE COUNTER) UP 6" ABOVE COUNTER, UNLESS NOTED OTHERWISE. PROVIDE IN-USE WEATHER PROOF COVERS FOR ALL RECEPTACLES.
- COMPLY WITH ALL APPLICABLE STATE AND LOCAL CODE REQUIREMENTS AND ORDINANCES, AND THE LATEST APPLICABLE REQUIREMENTS OF OSHA AND THE NATIONAL ELECTRICAL CODE OF THE NFPA, AS INTERPRETED BY THE LOCAL INSPECTION AUTHORITY, WHO SHALL HAVE FINAL JURISDICTION. COMPLY ALSO WITH ALL REQUIREMENTS OF THE UTILITY AND TELEPHONE COMPANIES.
- CONTRACTORS ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.



WYOMING DEPARTMENT OF TRANSPORTATION  
**SOUTH PASS - SALT AND SAND BUILDING**  
 plan one / architects

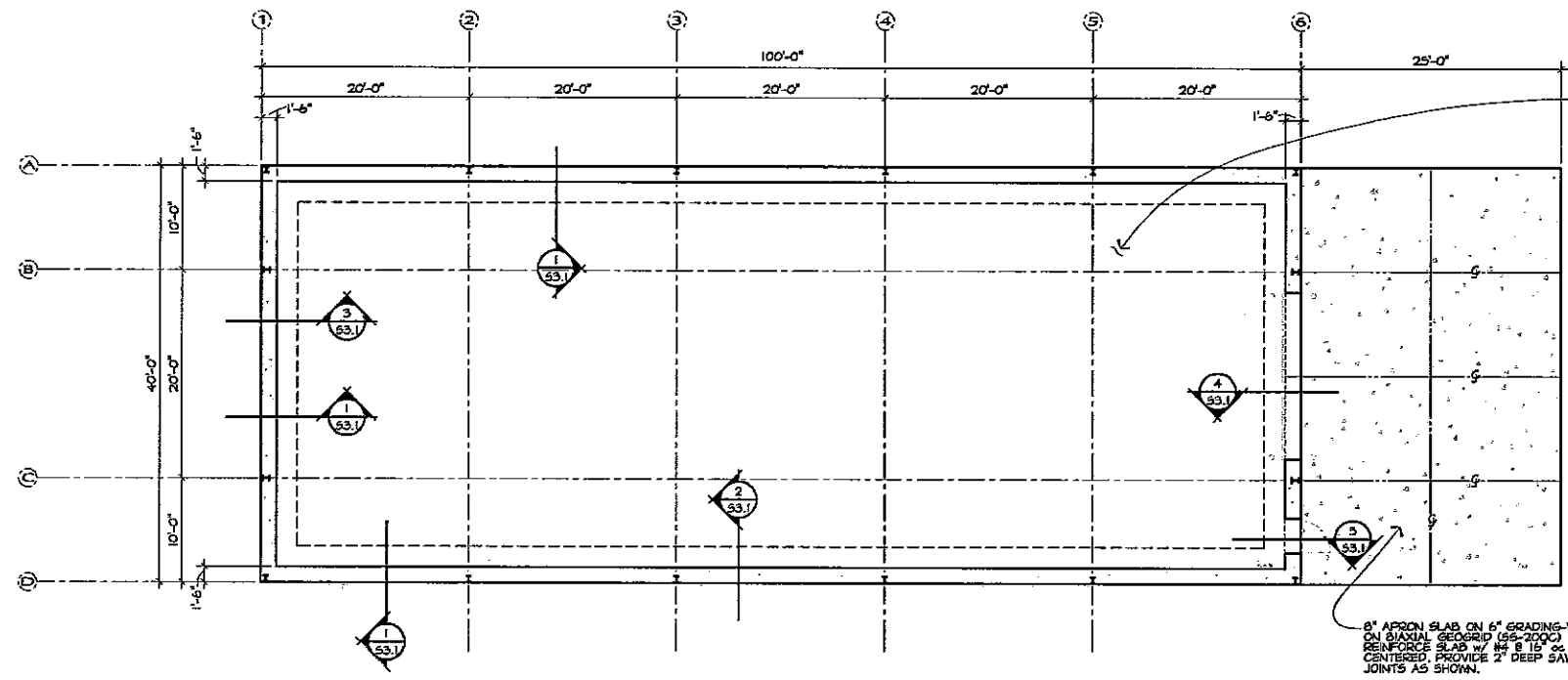


The professional services of the architect are undertaken for and are performed in the interest of the owner (contractor) of the project. No liability is assumed by the architect for the benefit of any other person named in the contract.

Wydot project #: SNWCTRL  
 plan one  
 project #: 1123/11041  
 date: 07/22/2011  
 revisions:

**E1.0**

REVISIONS TO DRAWING  
 THIS DRAWING IS THE PROPERTY OF THE ENGINEER AND ARCHITECT AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER AND ARCHITECT.



TYPICAL RAFT SLAB:  
 12" CONCRETE SLAB ON 6"  
 COMPACTED GRADING-W BASE  
 ON COMPACTED NATIVE SOILS  
 OR 2'-0" COMPACTED GRADING-J FILL  
 (95% ASTM D698), REINFORCE SLAB  
 W/ #4 @ 18" ON EACH WAY TOP & BOTTOM.  
 PLACE FILL ON BIAXIAL GEOSGRID (G5-200C)  
 ON COMPACTED NATIVE SOILS.

6" APRON SLAB ON 6" GRADING-W BASE  
 ON BIAXIAL GEOSGRID (G5-200C)  
 REINFORCE SLAB W/ #4 @ 18" ON EACH WAY  
 CENTERED. PROVIDE 2" DEEP SAWN CONTROL  
 JOINTS AS SHOWN.

### FLOOR & FOUNDATION PLAN

ALTERNATE No. 1 1/8" = 1'-0"

-FINISH SLAB ELEVATION 100'-0"  
 -TOP OF FOOTING ELEVATION 95'-0"



WYOMING DEPARTMENT OF TRANSPORTATION  
**SOUTH PASS SALT & SAND BUILDING**  
*plan one / architects*  
 - cody, wyoming, 1001 12th st., 82414 (307) 587-8646 - rock-spring, wyoming, 4020 denver dr., suite a, 82301 (307) 352-2954, - driggs, idaho, 189 north main, suite 112, 83422 (208) 354-8036 -



**LOWER** & Co PC  
 Structural Engineers  
 1007 CY Ave. Suite 205  
 Casper, Wyoming 82404  
 (307) 234-0099



The professional seal of the architect or engineer is required for all work submitted to the public and is a condition of the contract. It is required to be stamped by the architect or engineer in the event of any other party being in the field.

WYDOT  
 Project #: SAWCTRL  
 Plan one  
 Project #: 11255

date: 04/16/2012

revisions:

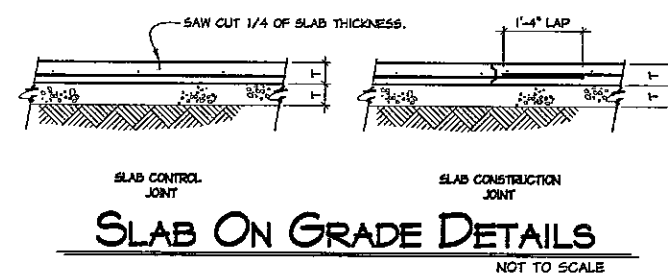
**S1.2**

**GENERAL NOTES:**

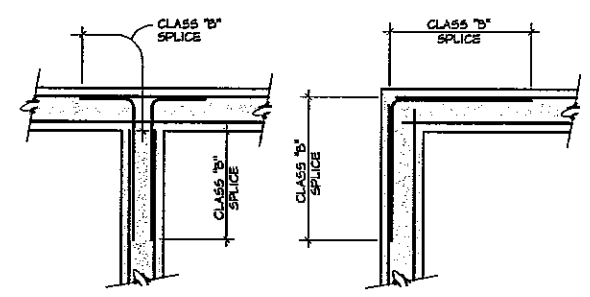
- I. DESIGN LOADS:
  - A. CODE — IBC 2006 EDITION
  - B. ROOFS — ROOF SNOW LOAD - 75 PSF IN AREAS WITHOUT DRIFTING. DRIFTING IS ADDED IN AREAS WHERE APPLICABLE. SNOW EXPOSURE  $C_e = 1.0$ . IMPORTANCE FACTOR  $I_s = 0.8$ . THERMAL FACTOR  $C_t = 1.2$ .
  - C. ROOF WIND UPLIFT (NET) — TYPICAL = U190
  - D. WIND — 90 MPH FASTEST MILE SPEED, 110 MPH 3 SECOND GUST EXPOSURE - C
- II. REINFORCED CONCRETE:
  - A. DESIGN IS BASED ON "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318). CONCRETE WORK SHALL CONFORM TO "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301).
  - B. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. MINIMUM CEMENT CONTENT 600 lbs./CY. MAXIMUM W/C = 0.45. TYPE-F FLY ASH IS PERMITTED. COARSE AGGREGATE SHALL HAVE A MINIMUM OF 50% FRACTURED FACES ON A #4 PLUS ROCK.
  - C. ALL REINFORCING STEEL SHALL BE DEFORMED BARS OF NEW BILLET STEEL CONFORMING TO A.S.T.M. SPECIFICATION A-615, #4 AND LARGER GRADE 60. (ONLY #3 TIES MAY BE GRADE 40). DO NOT WELD OR REBEND ANY BARS WITH A YIELD POINT GREATER THAN 40,000 PSI.
  - D. SLABS ON GRADE SHALL BE REINFORCED AS NOTED ON THE PLAN. LAP BARS 20" AT SPLICES.
  - E. CONTROL AND CONSTRUCTION JOINTS SHALL BE LOCATED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ARCHITECT.
  - F. AT ALL WALL CORNERS AND INTERSECTIONS PROVIDE CORNER BARS HAVING A CLASS "B" SPLICE WITH ADJACENT WALL BARS. SEE DETAIL THIS SHEET.
  - G. ALL BAR LENGTHS ARE DRAWN TO SCALE UNLESS NOTED. NO SPLICES OF REINFORCEMENT SHALL BE MADE EXCEPT AS DETAILED OR AUTHORIZED BY THE STRUCTURAL ENGINEER. ALL LAP SPLICES TO BE CLASS "B" UNLESS OTHERWISE NOTED.
  - H. DETAIL ALL REINFORCING AND PROVIDE BAR SUPPORTS IN ACCORDANCE WITH A.C.I. DETAILING MANUAL, LATEST EDITION.
  - I. PROVIDE LATERAL SUPPORT FOR WALLS WHILE EARTH BACKFILL IS BEING PLACED AND COMPACTED.
  - J. REINFORCEMENT PROTECTION:
    - 1. CONCRETE POURED AGAINST EARTH — 3"
    - 2. CONCRETE POURED IN FORMS BUT EXPOSED TO WEATHER OR EARTH — 2"
    - 3. WALLS, SLABS AND JOINTS — 1"
    - 4. BEAMS AND COLUMNS — 1 1/2"
  - K. UNLESS OTHERWISE SHOWN, PLACE 4-#5 WITH 2'-0" PROJECTION AROUND ALL OPENINGS IN CONCRETE WALLS, GRADE BEAMS OR SLABS.
  - L. NO HORIZONTAL JOINTS ARE PERMITTED IN SLABS, JOINTS, WALLS OR BEAMS. ANY STOP IN CONCRETE WORK MUST BE MADE AT THE CENTER OF THE SPAN (OR SUPPORT) WITH VERTICAL BULKHEADS AND HORIZONTAL KEYS, UNLESS OTHERWISE SHOWN OR APPROVED.
  - M. SEE ARCHITECTURAL DRAWINGS FOR CHAMFERS, KERFS, NOSINGS, ETC.
- III. SHOP DRAWINGS:
  - A. CONSTRUCTION DOCUMENTS ARE COPYRIGHTED AND SHALL NOT BE COPIED FOR USE AS ERECTION PLANS OR SHOP DETAILS.
  - B. ALL SHOP AND ERECTION DRAWINGS SHALL BE CHECKED AND STAMPED BY THE GENERAL CONTRACTOR PRIOR TO SUBMISSION FOR STRUCTURAL ENGINEER'S REVIEW. UNCHECKED SUBMITTALS WILL BE RETURNED WITHOUT REVIEW. FURNISH ONE (1) SET OF SHOP AND ERECTION DRAWINGS FOR REINFORCING STEEL, STRUCTURAL STEEL, STEEL JOISTS, STEEL DECK, PLANT FABRICATED WOOD JOISTS, WOOD TRUSSES GUIDED LAMINATED TIMBER AND PRECAST CONCRETE TO THE STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION.
  - C. SUBMIT IN A TIMELY MANNER TO PERMIT TEN (10) WORKING DAYS FOR REVIEW BY STRUCTURAL ENGINEER.
  - D. THE GENERAL CONTRACTOR AND HIS SUBCONTRACTORS SHALL SUBMIT IN WRITING ANY REQUESTS TO MODIFY THE PLANS OR SPECIFICATIONS. SHOP DRAWINGS, SUBMITTED FOR REVIEW DO NOT CONSTITUTE "IN WRITING" UNLESS SPECIFIC SUGGESTED CHANGES ARE CLEARLY MARKED. IN ANY EVENT, SUCH CHANGES BY MEANS OF THE SHOP DRAWING SUBMITTAL PROCESS BECOME THE RESPONSIBILITY OF THE ONE INITIATING SUCH CHANGE.
- IV. FIELD VERIFICATION OF EXISTING CONDITIONS:
  - A. CONTRACTOR SHALL THOROUGHLY INSPECT AND SURVEY EXISTING STRUCTURE TO VERIFY CONDITIONS WHICH AFFECT THE WORK SHOWN ON THE DRAWINGS. CONTRACTOR SHALL REPORT ANY VARIATIONS OR DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING.
- V. STRUCTURAL ERECTION AND BRACING REQUIREMENTS:
  - A. THE STRUCTURAL DRAWINGS ILLUSTRATE THE COMPLETED STRUCTURE WITH ELEMENTS IN THEIR FINAL POSITIONS, PROPERLY SUPPORTED AND BRACED. THESE CONSTRUCTION DOCUMENTS CONTAIN TYPICAL AND REPRESENTATIVE DETAILS TO ASSIST THE CONTRACTOR. DETAILS SHOWN APPLY AT ALL SIMILAR CONDITIONS UNLESS OTHERWISE INDICATED. ALTHOUGH DUE DILIGENCE HAS BEEN APPLIED TO MAKE THE DRAWINGS AS COMPLETE AS POSSIBLE, NOT EVERY DETAIL IS ILLUSTRATED, NOR IS EVERY EXCEPTIONAL CONDITION ADDRESSED. ALL PROPRIETARY CONNECTIONS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS' RECOMMENDATIONS. ALL WORK SHALL BE ACCOMPLISHED IN A WORKMANLIKE MANNER AND IN ACCORDANCE WITH THE 2006 IBC AND LOCAL CODES AND ORDINANCES.
  - B. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL WORK, INCLUDING LAYOUT AND DIMENSION VERIFICATION, MATERIALS COORDINATION, SHOP DRAWING REVIEW, AND THE WORK OF SUBCONTRACTORS. ANY DISCREPANCIES OR OMISSIONS DISCOVERED IN THE COURSE OF THE WORK SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT FOR RESOLUTION. CONTINUATION OF WORK WITHOUT NOTIFICATION OF DISCREPANCIES RELIEVES THE ARCHITECT AND STRUCTURAL ENGINEER FROM ALL CONSEQUENCES.
  - C. UNLESS OTHERWISE SPECIFICALLY INDICATED, THE DRAWINGS DO NOT DESCRIBE METHODS OF CONSTRUCTION. THE CONTRACTOR, IN THE PROPER SEQUENCE, SHALL PROVIDE PROPER SHORING AND BRACING AS MAY BE REQUIRED DURING CONSTRUCTION TO ACHIEVE THE FINAL COMPLETED STRUCTURE. THE CONTRACTOR, IN THE PROPER SEQUENCE, SHALL PERFORM OR SUPERVISE ALL WORK NECESSARY TO ACHIEVE THE FINAL COMPLETED CONSTRUCTION. SUCH WORK SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR CONSTRUCTION EQUIPMENT, SHORING FOR EXCAVATION, FORMWORK, SCAFFOLDING, SAFETY DEVICES AND PROGRAMS OF ALL KINDS, SUPPORT AND BRACING OR CRANES AND OTHER ERECTION EQUIPMENT. DO NOT PLACE BACKFILL AGAINST BASEMENT OR RETAINING WALLS UNTIL SUPPORTING SLABS AND FLOOR FRAMING ARE IN PLACE AND SECURELY ANCHORED, UNLESS ADEQUATE BRACING IS PROVIDED. THE STRUCTURAL STEEL FRAME IS "NON-SELF-SUPPORTING" PER AISC CODE OF STANDARD PRACTICE. TEMPORARY BRACING SHALL REMAIN IN PLACE UNTIL ALL FLOORS, WALLS, ROOFS AND ANY OTHER SUPPORTING ELEMENTS ARE IN PLACE. THE ARCHITECT AND STRUCTURAL ENGINEER BEAR NO RESPONSIBILITY FOR THE ABOVE ITEMS, AND OBSERVATION VISITS TO THE SITE DO NOT IN ANY WAY INCLUDE INSPECTION OF THEM.
  - D. WHERE PERIODIC OR CONTINUOUS INSPECTION IS REQUIRED BY THESE DOCUMENTS BY CODE OR LOCAL ORDINANCE THE OWNER SHALL EMPLOY AN INSPECTOR CERTIFIED IN THE PARTICULAR AREA OF CONCERN. THE INSPECTOR SHALL BE RESPONSIBLE TO, AND REPORT TO, THE ARCHITECT AND BUILDING DEPARTMENT.

- VI. FOUNDATIONS:
  - A. ALLOWABLE SOIL PRESSURE USED IN DESIGN: 4,000. PSF TOTAL LOAD PRESSURE
  - B. FOOTINGS SHALL BEAR ON UNDISTURBED NATIVE SOILS AT THE ELEVATIONS SHOWN.
  - C. THE OWNER OR HIS QUALIFIED REPRESENTATIVE SHALL APPROVE BOTTOM ELEVATIONS OF FOOTINGS.
  - D. ALL EXTERIOR GRADES ADJACENT TO THE BUILDING SHOULD BE SLOPED TO DRAIN AWAY FROM THE FOUNDATION IN ALL DIRECTIONS. ALL ROOF DOWNSPOUTS AND DRAINS SHOULD DISCHARGE WELL BEYOND THE LIMITS OF ALL BACKFILL AND NOT BE ALLOWED TO POND ADJACENT TO THE BUILDING.
  - E. A COPY OF THE GEOTECHNICAL REPORT IS AVAILABLE FROM WYDOT UPON REQUEST.
- VII. EXPLANATION OF SECTION DESIGNATION:
 

SECTION 2-1-5 STRUCTURAL SHEET WHERE SECTION IS DRAWN
- VIII. METAL BUILDING:
  - A. THE FOUNDATIONS AS DETAILED ARE DESIGNED USING REACTIONS AND DETAILS BASED ON THE EXPERIENCE OF THE ENGINEER. THE CONTRACTOR'S BUILDING SHALL BE REQUIRED TO FIT ON THE FOUNDATIONS AS DETAILED. IF THE BUILDING MANUFACTURER CANNOT COMPLY WITH THESE REQUIREMENTS THEY SHALL NOTIFY THE GENERAL CONTRACTOR AND REFRAIN FROM BIDDING THE PROJECT.
  - B. SEE ELECTRICAL DRAWINGS FOR EQUIPMENT THAT IS SUPPORTED BY ANY METAL BUILDING COMPONENTS. METAL BUILDING SUPPLIER IS RESPONSIBLE FOR THE DESIGN OF SUPPORTING STRUCTURE AND ADDITIONAL LOADS DUE TO EQUIPMENT.



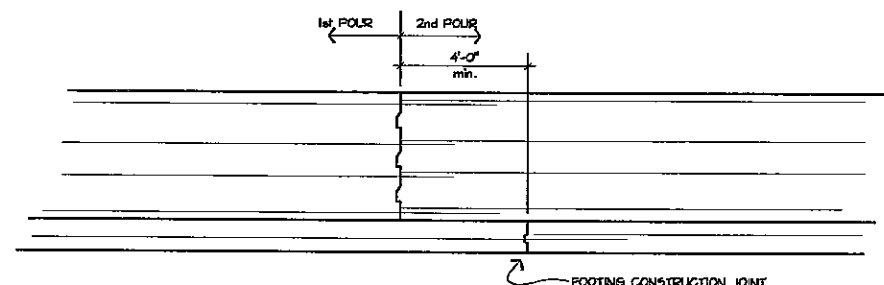
**SLAB ON GRADE DETAILS**  
NOT TO SCALE



CORNER BARS MATCH HORIZONTAL REINFORCING

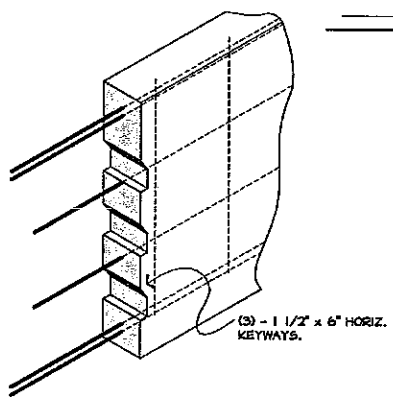
BAR SIZE	SPlice LENGTH	
	TOP BARS	OTHER BARS
#3	24"	19"
#4	32"	25"
#5	40"	31"
#6	48"	37"
#7	70"	54"
#8	80"	62"

**CORNER BAR DETAILS**  
NOT TO SCALE



**FOUNDATION WALL DETAIL @ BULKHEAD CONSTRUCTION JOINT**  
NOT TO SCALE

- NOTES:  
-MAY POUR WALL ALL AT ONCE, JOINT IS OPTIONAL  
-EXTEND ALL HORIZ. REINF. THRU BULKHEAD AND SPLICE CLASS-B



(3) - 1 1/2" x 6" HORIZ. KEYWAYS.

DESIGNER OF RECORD  
We warrant the design and plans herein to be in accordance with the laws, rules, regulations and orders of the State of Wyoming, and the laws, rules, regulations and orders of the State of Colorado, and the laws, rules, regulations and orders of the State of New Mexico.



WYOMING DEPARTMENT OF TRANSPORTATION  
SOUTH PASS SALT & SAND BUILDING  
plan one / architects  
- coyo, wyoming, 1001 12th st., 82414 (307) 337-6646 - rock springs, wyoming, 4020 deaver dr., suite 4, 82501 (307) 352-2954, - driggs, idaho, 189 north main, suite 112, 83422 (208) 354-8086 -



Lower & Co PC  
Structural Engineers  
1025 W. New York St.  
Casper, Wyoming 82404  
(307) 231-8955

Professional Engineer (Structural)  
Robert E. Lower  
5818  
Date: 04/16/2012  
WYOMING

WYDOT Project #: SNWCTRL  
Plan one  
Project #: 1125B  
date: 04/16/2012  
revisions:

**S2.2**

DATE OF DESIGN: 04/16/12  
 DRAWN BY: J. L. LLOYD  
 CHECKED BY: J. L. LLOYD  
 PROJECT: 11235B



WYOMING DEPARTMENT OF TRANSPORTATION  
**SOUTH PASS SALT & SAND BUILDING**  
 plan one / architects  
 - cody, wyoming, 1001 12th st., 82414 (307) 587-6646 - rock springs, wyoming, 4020 devar dr., suite a, 82901 (307) 352-2954, - driggs, idaho, 189 north main, suite 112, 83422 (208) 354-8036 -



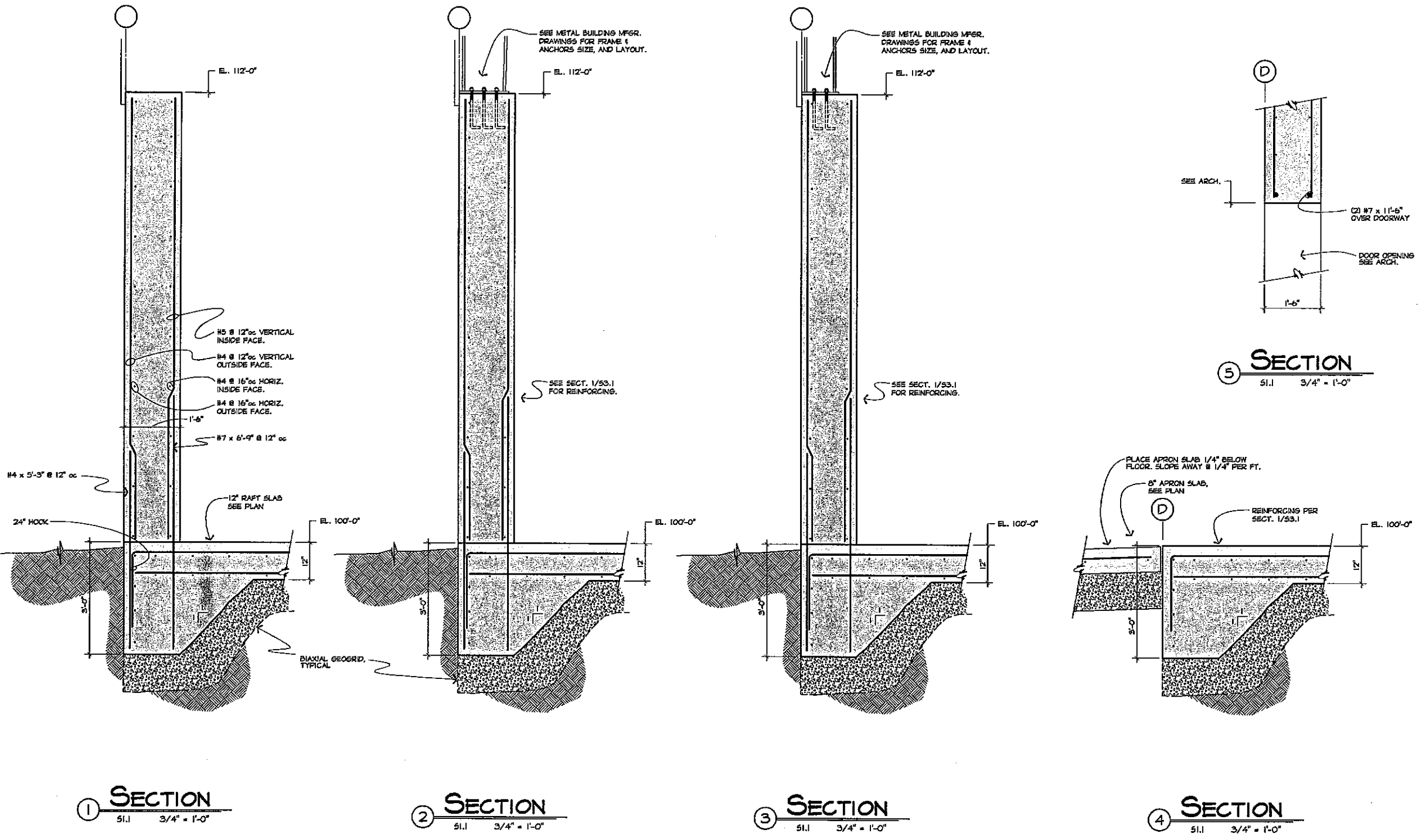
**LOVER** & Co PC  
 Professional Engineers  
 1607 C1 Ave. Suite 201  
 Casper, Wyoming 82404  
 (307) 252-6994

Professional Engineer (Structural)  
 ROBERT E. LOVER  
 5818  
 Date: 04/16/12  
 WYOMING

The professional portion of the architect's work on this drawing is not to be construed as an endorsement or approval of the work of the engineer or architect.

Wydor  
 Project #: SNWCTR  
 Plan one  
 project #: 11235B  
 date: 04/16/2012  
 revisions:

**S3.2**



C:\Users\jld\OneDrive\Documents\PROJECTS\SALT & SAND\Structural\dwg\S3.2\_11235B712.dwg, 04/16/12