



COLORADO

Parks and Wildlife

Department of Natural Resources

Northwest Region Office
711 Independent Ave
Grand Junction, CO 81505
cpw.state.co.us

Addendum No. 1 - 8/5/24 Rifle Falls SFU – Isolation Building

GENERAL:

QUESTIONS AND ANSWERS ARE HEREBY INCORPORATED AS PART OF THE BID DOCUMENTS.

SPECIFICATIONS:

SECTION 09900 - PAINTING

ADD:

6.II.C. Wood:

The substrate must be dry (also the moisture content must be below 5%). Cover knots and resinous areas with shellac before painting. Putty nail holes flush with the surface. Exposed wood surfaces to be painted or stained shall be sanded, free of raised grain, hammer marks or sanding swirls.

6.IV. Staining, Interior Wood:

Finish Coatings and Application:

Apply 2 coats of Sherwin Williams, "SuperDeck" Exterior Waterborne Solid Color Deck Stain, or approved equivalent.

Use roller, brush or airless spray equipment for application. Stir thoroughly (without whipping). Apply at air, surface and product temperatures above 55°F.

DRAWINGS:

SHEET 3 - PROPOSED SITE PLAN

REMOVE:

EXISTING 16" PVC REX SUPPLY LINE

ADD:

EXISTING 15" SCH 80 PVC REX SUPPLY LINE

SHEET 6 - FOUNDATION PLAN

REMOVE:

S4 - 8" Wx10" H CONCRETE CURB

ADD:

S4 - 8" Wx12" H CONCRETE CURB



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Addendum No. 1 - 8/5/24
Rifle Falls SFU – Isolation Building

SHEET 7 - FRAMING PLAN

ADD:

STAIN STEPS ACCORDING TO SECTION 09900.

APPENDICES:

ADD:

APPENDIX G - XCEL ENERGY SERVICE ORDER CONFIRMATION

come in contact with painted surfaces or may be subject to overspray, but not scheduled to receive paint.

B. Metal:

For steel surfaces, all surfaces must be free of dirt, rust, oil, grease, water, mill scale or other observed contamination. Make certain that the substrate is dry.

Rusted or new metal surfaces must be cleaned and primed properly.

Follow Steel Structures Painting Council Specifications SSPC SP 2-63 for hand cleaning (especially wire brushing, scraping, chipping, and sanding).

C. Wood:

The substrate must be dry (also the moisture content must be below 5%). Cover knots and resinous areas with shellac before painting. Putty nail holes flush with the surface. Exposed wood surfaces to be painted or stained shall be sanded, free of raised grain, hammer marks or sanding swirls.

III. Painting, Interior and Exterior Steel:

A. Prime Coating:

Apply 1 coat of Pittsburgh Inhibitive Metal Primer, an epoxy ester resin film type.

B. Finish Coatings and Application:

Apply 2 coats of Pittsburgh, "Speedhide" Alkyd Gloss Enamel a modified alkyd resin.

IV. Staining, Interior Wood:

Finish Coatings and Application:

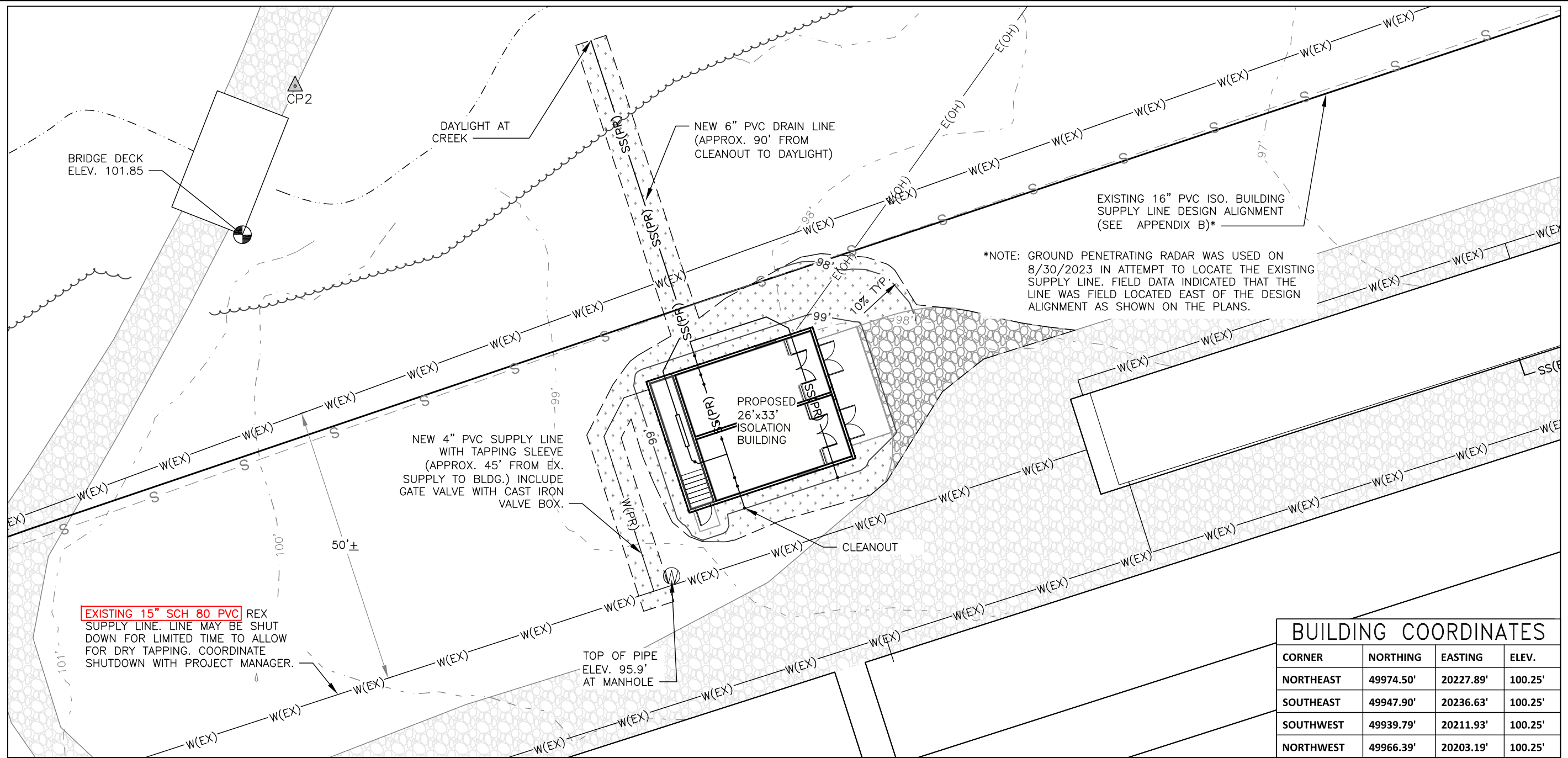
Apply 2 coats of Sherwin Williams, "SuperDeck" Exterior Waterborne Solid Color Deck Stain, or approved equivalent.

Use roller, brush or airless spray equipment for application. Stir thoroughly (without whipping). Apply at air, surface and product temperatures above 55°F.

V. Touch-Up:

Upon completion of all work and before occupancy, touch up surfaces that are marred or damaged.

ADDENDUM NO. 1 - 8/5/2024



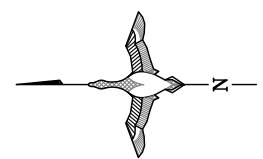
BUILDING COORDINATES			
CORNER	NORTHING	EASTING	ELEV.
NORTHEAST	49974.50'	20227.89'	100.25'
SOUTHEAST	49947.90'	20236.63'	100.25'
SOUTHWEST	49939.79'	20211.93'	100.25'
NORTHWEST	49966.39'	20203.19'	100.25'

GENERAL NOTES:

- CONTRACTOR TO COORDINATE SERVICE EXTENSION WITH XCEL ENERGY. SERVICE EXTENSION WILL BE PAID AS AN ALLOWANCE IN ACCORDANCE WITH SECTION 01202.
- THE BUILDING LOCATION MAY BE ADJUSTED ON SITE BY THE PROJECT MANAGER.
- DISPOSE OF EXCESS SOIL IN A LOCATION APPROVED BY THE PROJECT MANAGER.
- NO WORK SHALL BE BACKFILLED UNTIL THE CONSTRUCTION HAS BEEN INSPECTED AND APPROVED FOR BACKFILLING BY THE PROJECT MANAGER.
- CONTRACTOR SHALL NOT IMPEDE PUBLIC ACCESS TO THE SITE OR NORMAL CPW OPERATIONS DURING CONSTRUCTION.
- CONTRACTOR SHALL AT ALL TIMES COORDINATE HIS WORK WITH THE PROJECT MANAGER, WHEN IT IS NECESSARY TO CLOSE THE EXISTING PORTIONS OF THE WATER OR SEWER SYSTEM DUE TO CONSTRUCTION OPERATIONS, AT LEAST 48 HOURS PRIOR NOTIFICATION MUST BE GIVEN TO THE PROJECT MANAGER.
- THE CONTRACTOR SHALL NOTIFY ALL PUBLIC UTILITY COMPANIES AND DETERMINE THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO PROCEEDING WITH CONSTRUCTION. ALL WORK PERFORMED IN THE AREA OF PUBLIC UTILITIES SHALL BE PERFORMED ACCORDING TO THE REQUIREMENTS OF THESE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ANY EXISTING UTILITY (INCLUDING DEPTH), WHICH MAY CONFLICT WITH THE PROPOSED CONSTRUCTION, PRIOR TO COMMENCEMENT OF THE IMPROVEMENTS DESCRIBED IN THE PROJECT. THE CONTRACTOR SHALL PROTECT, AT HIS OWN EXPENSE, ALL EXISTING UTILITIES AND BE RESPONSIBLE FOR THEIR REPAIR IF THEY ARE DAMAGED DURING CONSTRUCTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT MANAGER OF ANY PROBLEM IN CONFORMING TO THE APPROVED PLANS OR ANY ELEMENT OF THE PROPOSED IMPROVEMENTS PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE PROJECT MANAGER AT LEAST 48 HOURS PRIOR TO START OR RESTART OF ANY CONSTRUCTION.

LEGEND

- W(EX) — EXISTING WATER SUPPLY
- SS(EX) — EXISTING EFFLUENT DRAIN
- E(OH) — EXISTING OVERHEAD ELECTRIC
- E(OH) — PROPOSED OVERHEAD ELECTRIC
- ~ ~ ~ EXISTING EDGE OF VEGETATION
- - - 100' - EXISTING SURFACE CONTOUR
- - - 100' - PROPOSED SURFACE CONTOUR
- - - LIMIT OF DISTURBED AREA (APPROX. 3050 S.F.)
- [Pattern] EXISTING GRAVEL DRIVE
- [Pattern] PROPOSED 6" COMPACTED ABC (APPROX. 460 S.F.)
- [Pattern] PERMANENT SEEDING & MULCHING (APPROX. 1530 S.F.)



PROPOSED SITE PLAN



RIFLE FALLS SFU
ISOLATION BUILDING

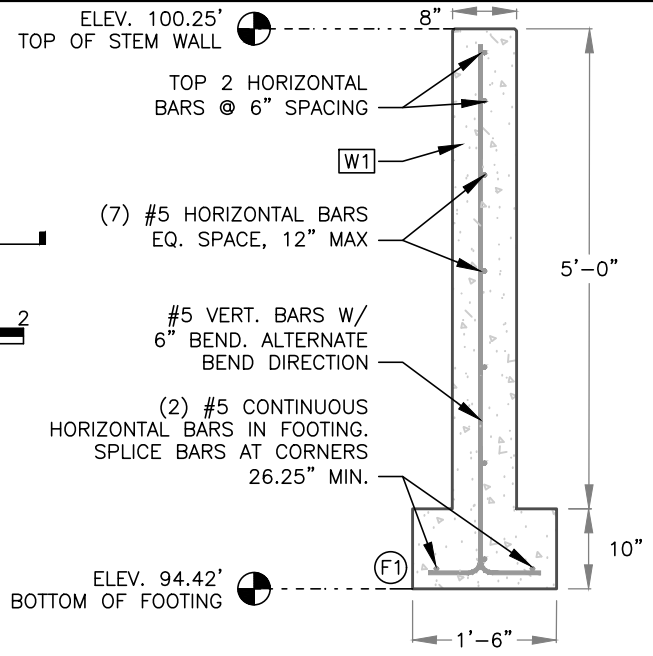
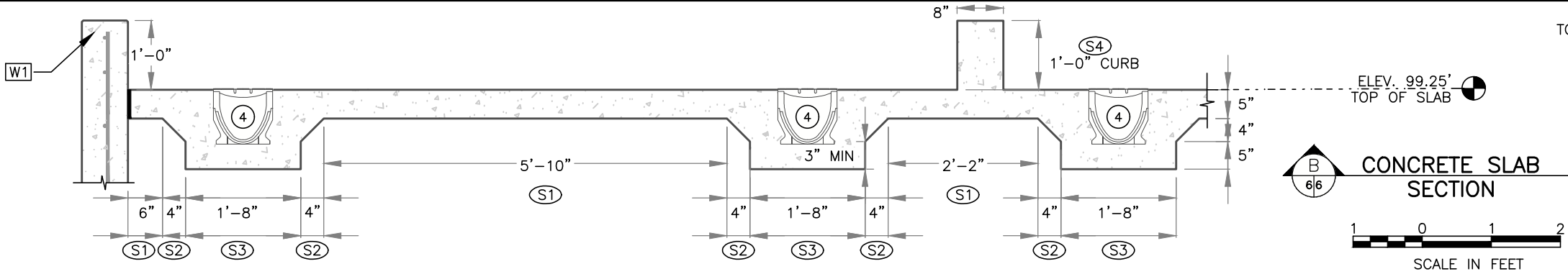


REVISIONS:	DATE	BY

DESIGNER:	DRAWER:	CHECKED BY:	APPROVED:	CHIEF ENGR.:
JH	JH			

DATE	PROJECT NO.	SHEET NO.	OF
09/24	SCA23M	3	11

FINAL WITH ADDENDUM NO. 1
PROPOSED SITE PLAN

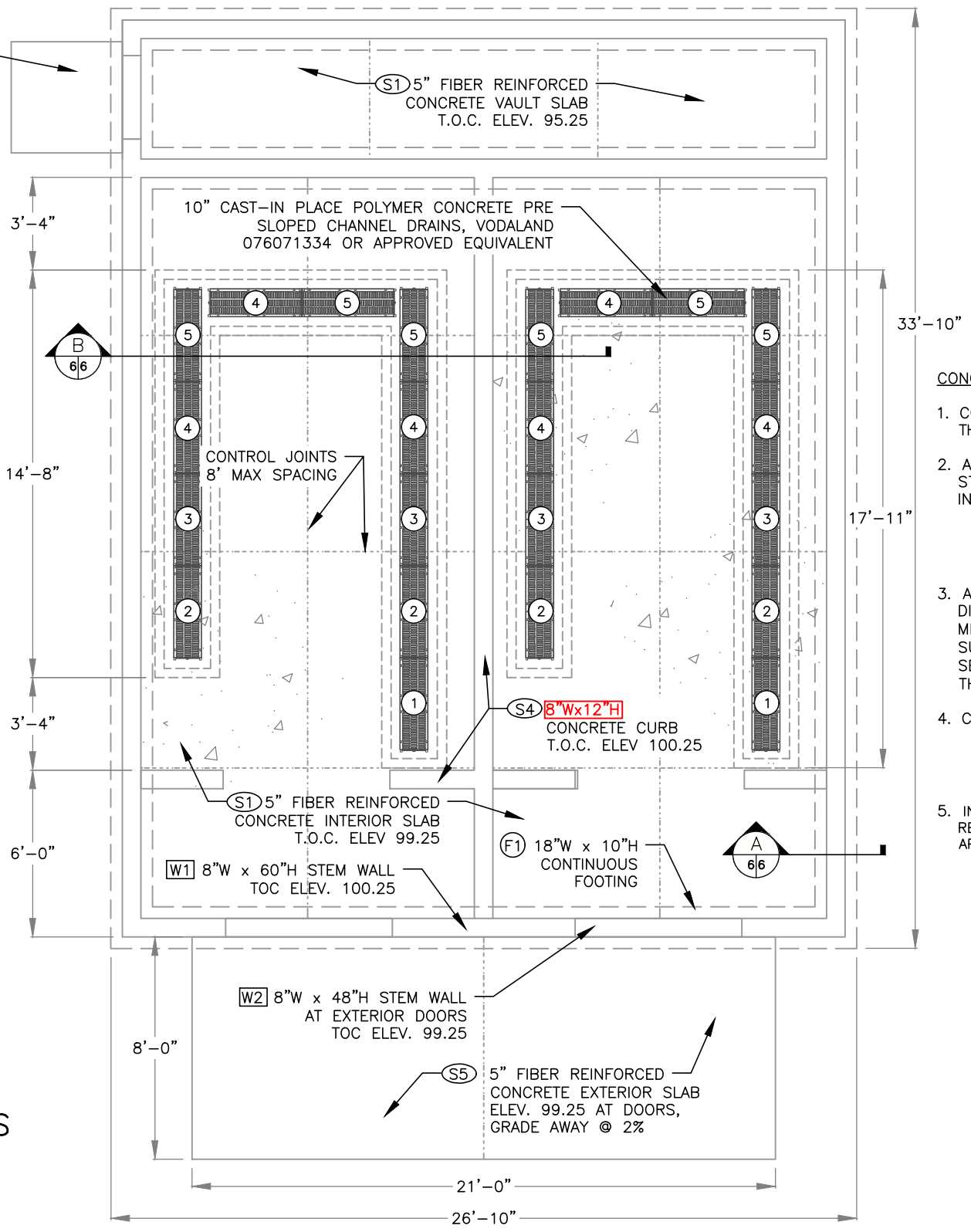
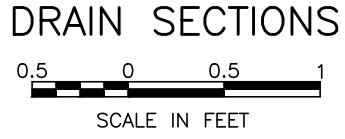
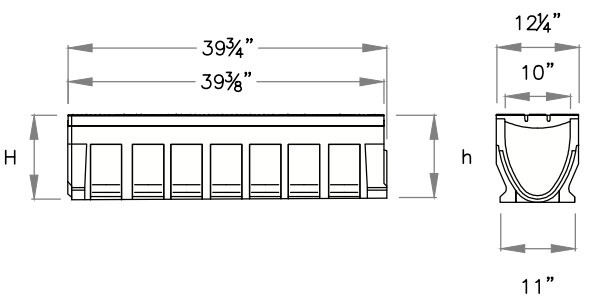


FOOTING SCHEDULE				
ID	SIZE (W x H x L)	HORIZONTAL REINFORCING	VERTICAL REINFORCING	VOL (CY)
F1	1'-6" x 10" x 139'-2"	(2)#5 CONTINUOUS	#5 HOOKED @ 12" O.C.	6.44

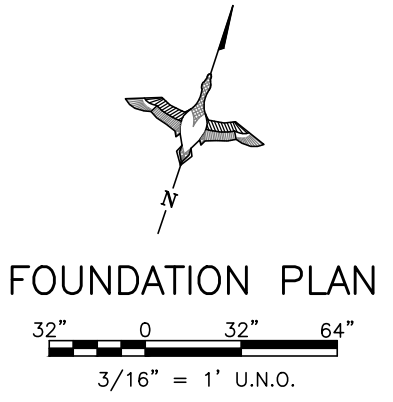
STEM WALL SCHEDULE				
ID	SIZE (W x H x L)	HORIZONTAL REINFORCING	VERTICAL REINFORCING	VOL (CY)
W1	0'-8" x 5'-0" x 125'-0"	#5 @ 12" O.C. MAX.	#5 HOOKED @ 12" O.C.	15.43
W2	0'-8" x 4'-0" x 15'-0"	#5 @ 12" O.C. MAX.	#5 HOOKED @ 12" O.C.	1.48
TOTAL FOUNDATION VOLUME				23.4

SLAB SCHEDULE			
ID	AREA (S.F.)	AVERAGE DEPTH	VOLUME (CY)
S1	544.76	0'-5"	8.41
S2	48.25	0'-7"	1.04
S3	171.66	1'-2"	5.15
S4	25.78	1'-0"	0.95
S5	168.00	0'-5"	2.59
S6	16.00	0'-4"	0.20
TOTAL SLAB VOLUME			18.4

10" POLYMER CONCRETE CHANNEL SCHEDULE					
ID	QTY	ARTICLE	NAME	H (IN.)	h (IN.)
1	2	076071334/240-230	ST-PCN-10"-DR-D400H9.4"-9.1"	9.4	9.1
2	4	076071334/250-240	ST-PCN-10"-DR-D400H9.8"-9.4"	9.8	9.4
3	4	076071334/260-250	ST-PCN-10"-DR-D400H10.2"-9.8"	10.2	9.8
4	6	076071334/270-260	ST-PCN-10"-DR-D400H10.6"-10.2"	10.6	10.2
5	6	076071334/280-270	ST-PCN-10"-DR-D400H11.0"-10.6"	11.0	10.6



- CONCRETE NOTES:**
- CONCRETE FOUNDATIONS WILL BE PAID TO THE NEAT LINES OF THE FOUNDATION PLAN AS REPORTED IN THE BID SCHEDULE.
 - ALL CONCRETE TO BE CONSTRUCTED ABOVE COMPACTED STRUCTURAL FILL ACCORDING TO THE GEOTECHNICAL INVESTIGATION. MINIMUM DEPTH REQUIREMENTS:
 FOUNDATIONS 24"
 NON STRUCTURAL FLOOR SLABS 18"
 EXTERIOR FLATWORK 12"
 - ANCHOR SILL PLATES TO CONCRETE FOUNDATION USING 1/2" DIAMETER STEEL BOLTS. BOLTS SHALL BE EMBEDDED A MINIMUM OF 7" INTO THE FOUNDATION WALL. LOCATE BOLTS SUCH THAT THERE IS A BOLT AT EACH END OF THE WALL SECTION (12" MAX, 4" MIN FROM END) AND SPACED NO MORE THAN 4 FEET O.C. ALONG WALL
 - CONCRETE COVERAGE FOR REINFORCEMENT:
 CONCRETE CAST AGAINST EARTH: 3"
 FORMED EDGES EXPOSED TO WEATHER OR FREEZING: 2"
 FINISHED INTERIOR SURFACES: 1 1/2"
 - INTERIOR CONCRETE FLOORS SHALL BE FINISHED WITH WATER REPELLENT CONCRETE SEALER GHOSTSHIELD LITHI-TEK 9500 OR APPROVED EQUIVALENT

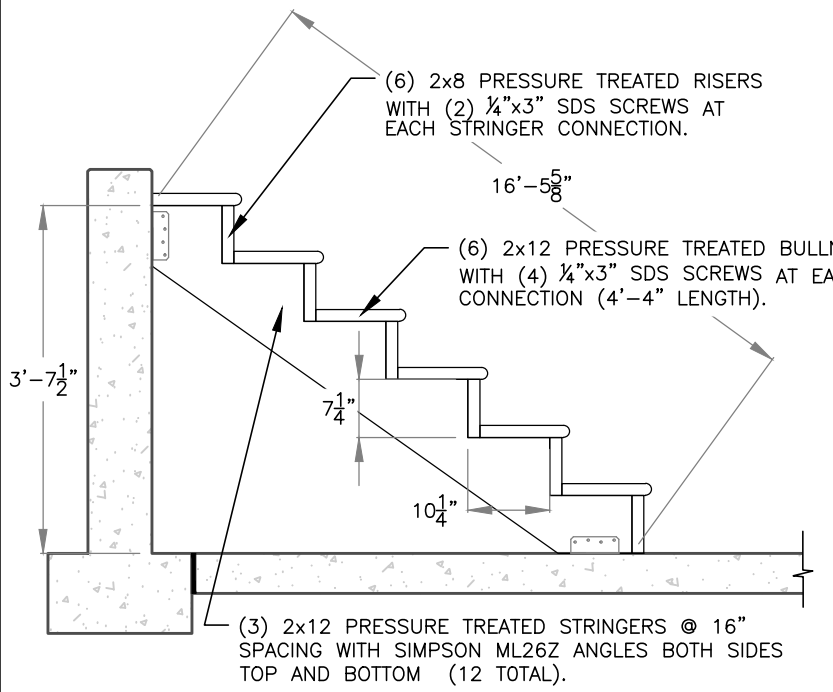


RIFLE FALLS SFU
ISOLATION BUILDING

DESIGNER:	DRAWN:	CHECKED BY:	APPROVED:	CHIEF ENGR.:

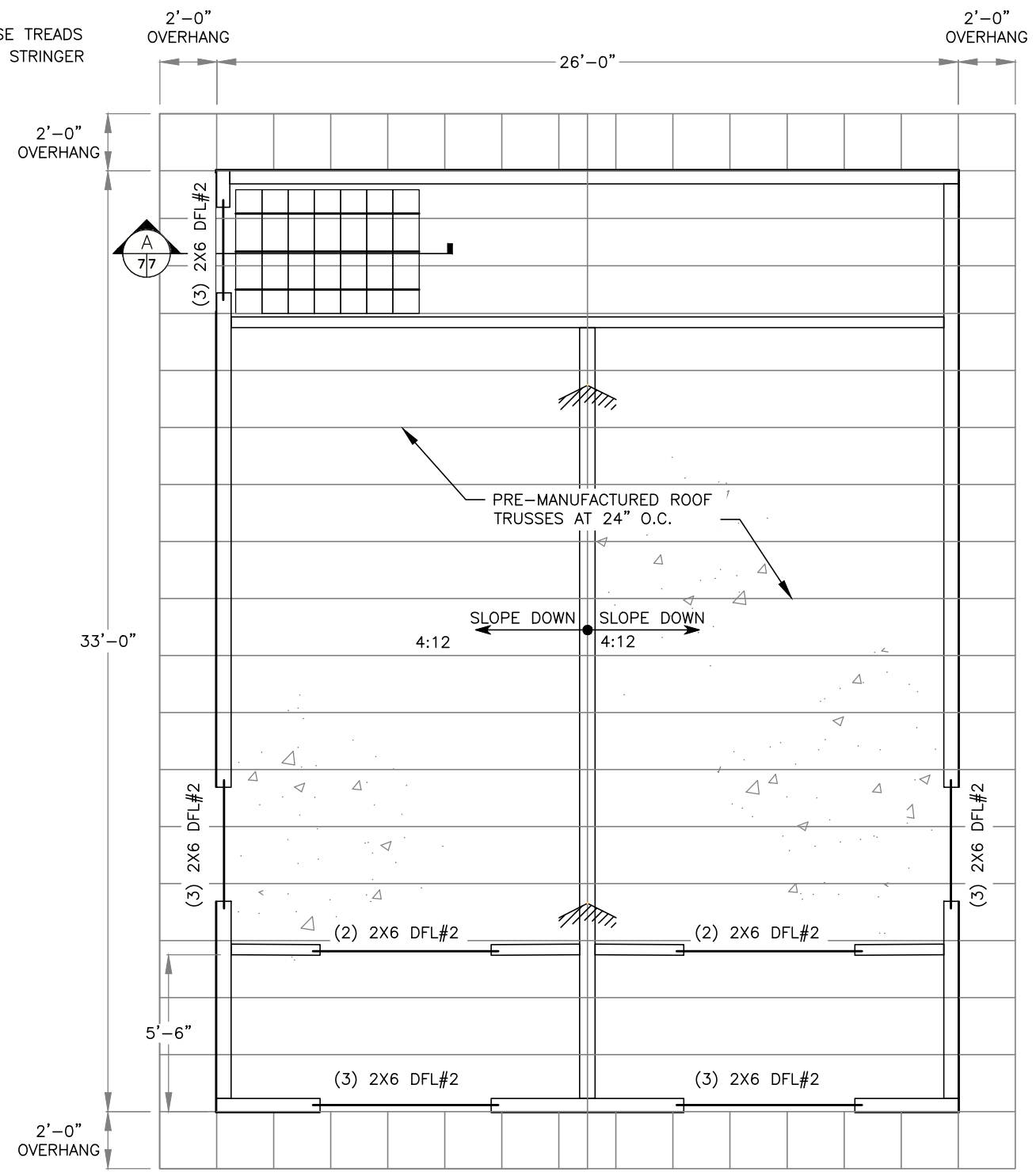
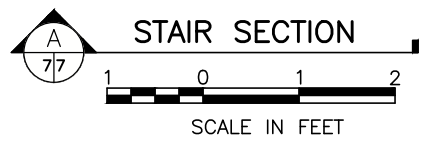
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FINAL FOR BID
FOUNDATION PLAN



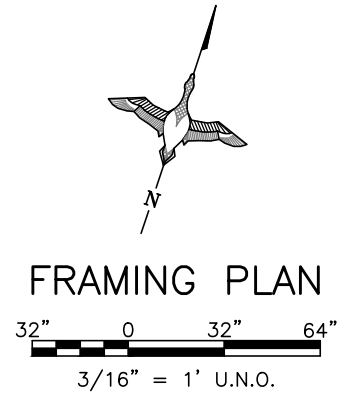
USE ¼"x1½" SDS SCREWS AT WOOD CONNECTIONS, AND ¼"x2¼" HEX HEAD TAPCONS AT CONCRETE CONNECTIONS.

STAIN STEPS ACCORDING TO SECTION 09900.



FRAMING NOTES:

1. ROOF AND WALL SHEATHING SHALL BE 7/16" OSB/PLYWOOD (2 1/2" SPAN RATING OR BETTER). ROOF SHEATHING SHALL BE INSTALLED PERPENDICULAR TO SUPPORTING MEMBERS WITH VERTICAL JOINTS STAGGERED BETWEEN ROWS. THE FIRST ROW OF SHEATHING ABOVE GRADE SHALL BE PRESERVATIVE TREATED. WALL SHEATHING SHALL BE INSTALLED VERTICALLY WITH JOINTS LOCATED OVER FRAMING MEMBERS OR BLOCKING AND FASTENED WITH 6D COMMON NAILS SPACED 12" O.C. IN THE FIELD AND 6" O.C. ALONG PANEL EDGES.
2. COLORADO P.E. TO DESIGN ROOF TRUSSES. DESIGN CALCULATIONS AND SHOP DRAWINGS TO BE SUBMITTED TO CPW FOR REVIEW AND ACCEPTANCE.
3. SILL PLATES SHALL BE PRESSURED TREATED LUMBER IN ACCORDANCE WITH THE SPECIFICATIONS.
4. FASTENING OF WOOD FRAMING SHALL BE IN ACCORDANCE WITH TABLE 2304.9.1 OF THE IBC.
5. HEADERS ARE AS CALLED OUT ON PLAN. HEADERS TO BEAR ON (1) TRIMMER STUD WITH (1) KING STUD ADJACENT TO THE TRIMMER.



RIFLE FALLS SFU
ISOLATION BUILDING



DESIGNER:	JH	DATE:	05/24
DRAWER:	JH	DATE:	05/24
CHECKED BY:		APPROVED:	
PROJECT NO. SCASUM:		SHEET NO.:	7
			OF 11

FINAL FOR BID
FRAMING PLAN

APPENDIX G - XCEL ENERGY SERVICE ORDER CONFIRMATION

**Rifle Falls SFU - Isolation Building
SCA23A**



RESPONSIBLE BY NATURE®

414 Nicollet Mall
Minneapolis, MN 55401

May 02, 2024

JORDAN HASZ
11466 Highway 325
Rifle, CO-81650-9209

Re: Service Order Confirmation

App Reference#: 05790405
Service type: Commercial Electric
Service Address: 11466, HIGHWAY 325 , RIFLE
CO, 81650-9209
Legal Description: Lot:
Block:

Gas Installation *Where Applicable.(Gas not available in TX, NM and SD)

Prior to Xcel Energy service installation, please make sure the following are completed on your site:

- For builders, the site must be within 4"-6" of final grade in installation area.
- The path must be clear of all obstacles from the meter location to the distribution source.
- All private utilities must be clearly marked or identified including sprinkler systems, septic tanks, sewer lines, drain fields, invisible fences, electric lines, pipelines and water wells. Xcel Energy is not responsible for damage to these items if they are not clearly marked.

Prior to energizing the system:

- Customer piping must be inspected before gas is turned on in certain service territories

Electric Installation

Prior to Xcel Energy service installation, please make sure the following are completed on your site:

- For builders, the site must be within 4"-6" of final grade in installation area.
- All private utilities must be clearly marked or identified including sprinkler systems, septic tanks, sewer lines, drain fields, invisible fences, electric lines, pipelines and water wells. Xcel Energy is not responsible for damage to these items if they are not clearly marked.

Prior to energizing the system:

- Be sure all electrical approvals are completed and filed with Xcel Energy.

If there are any changes or addition to this information, please call the Builders Call Line at 1-800-628-2121 or email us at BCLCO@xcelenergy.com. Our representatives are available from 7AM to 5PM, Monday through Friday. Thank you for requesting service from Xcel Energy. We appreciate your business.

Sincerely,

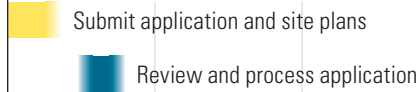
Builder's Call Line
Xcel Energy

Installing and connecting service

Scope of work, required permits and weather conditions can impact the time frame. **Total project duration is typically three to six months.**

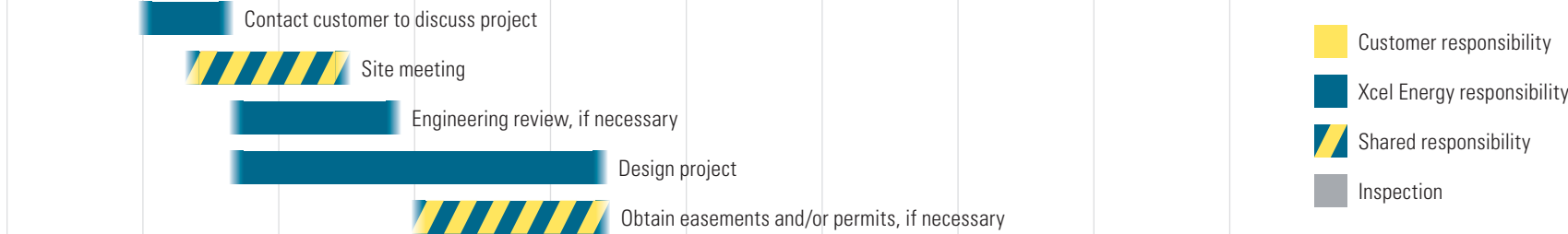
Application

5% of project time



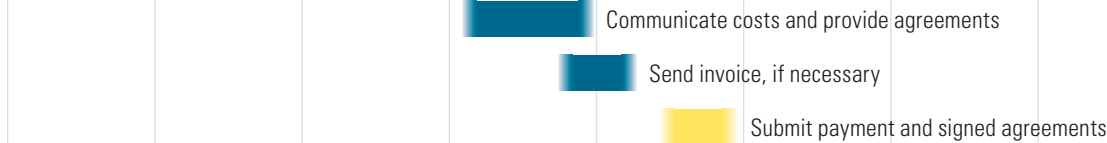
Design

50% of project time



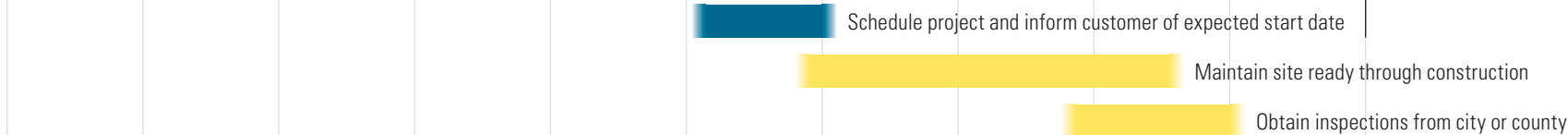
Payment

10% of project time



Scheduling

10% of project time



Construction and meter set

25% of project time

