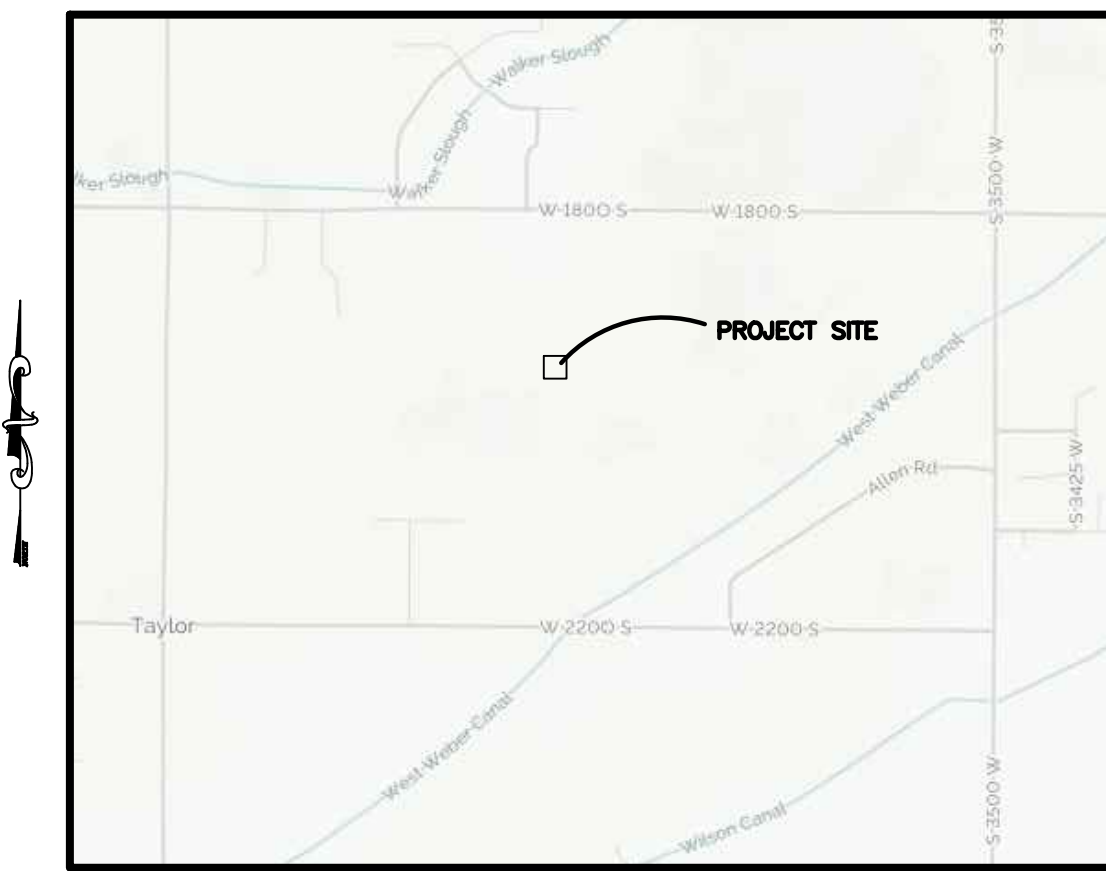


**Project Narrative/Notes/Revisions**

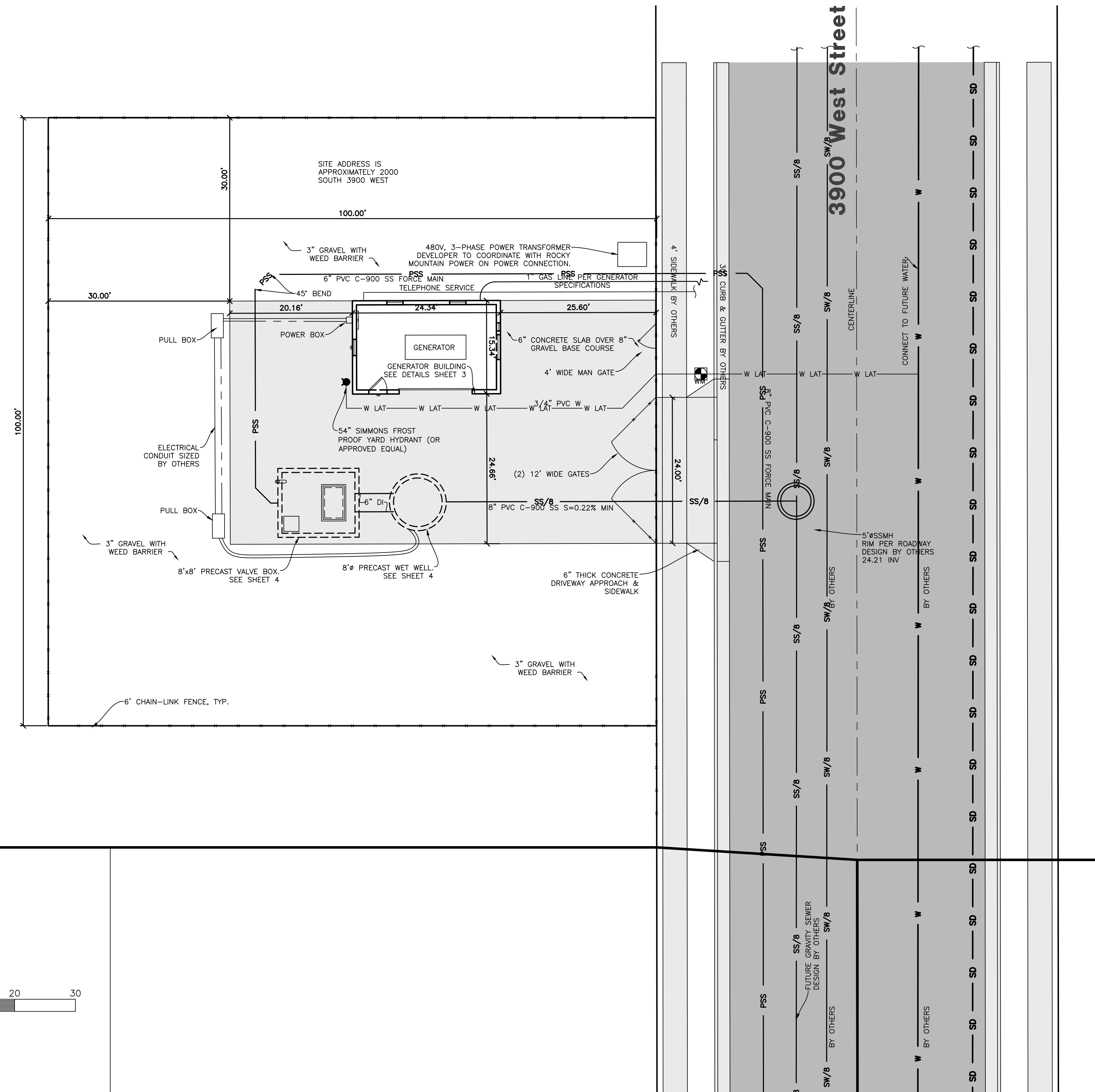
- 06/22/20 CK - COMPLETED DESIGN FOR CLIENT & CITY REVIEW.
- 08/12/20 CK - UPDATED PER REVIEW COMMENTS DATED 07/09/20.
- 08/27/20 CK - UPDATED PER REVIEW COMMENTS DATED 08/17/20.
- 09/29/20 CK - MOVED LIFT STATION 20' NORTH PER EMAIL DATED 09/24/20.
- 02/03/21 CK - REVISED LIFT STATION FROM REGIONAL TO LOCAL & RELATIVE SIZING & CAPACITY WAS REDUCED.
- 04/13/21 KH - CHANGED TO CHOPPER PUMP, REMOVED GRINDER.

# Taylor Landing Local Lift Station Improvement Plans

WEBER COUNTY, UTAH  
JUNE 2020



**Vicinity Map**  
NOT TO SCALE

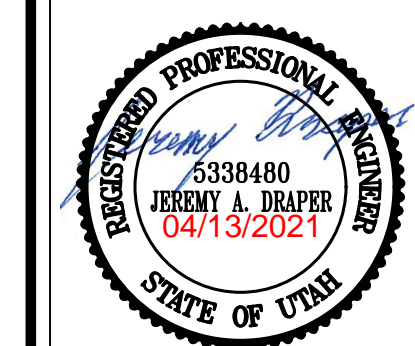
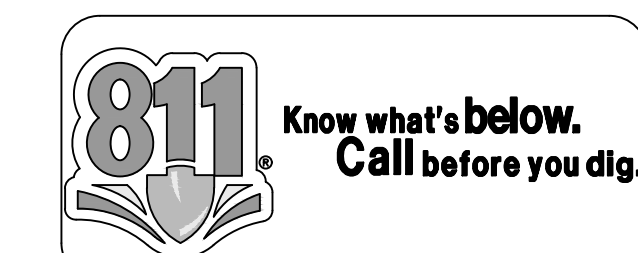


**Sheet Index**

- Sheet 1 - Proposed Site Plan
- Sheet 2 - Grading & Utility Plan
- Sheet 3 - Sewer Connection
- Sheet 4 - Generator Building
- Sheet 5 - Lift Station
- Sheet 6 - Notes & Schedule
- Sheet 7 - Plan & Details

REVISIONS	DESCRIPTION

**Taylor Landing Local Lift Station**  
WEBER COUNTY, UTAH  
**Cover/Index Sheet**



**Engineer's Notice To Contractors**  
THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED FROM AVAILABLE INFORMATION PROVIDED BY OTHERS. THE LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE CONFIRMED IN THE FIELD BY THE CONTRACTOR, SO THAT ANY NECESSARY ADJUSTMENT CAN BE MADE IN ALIGNMENT AND/OR GRADE OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR IS REQUIRED TO CONTACT THE UTILITY COMPANIES AND TAKE DUE PRECAUTIONARY MEASURE TO PROTECT ANY UTILITY LINES SHOWN, AND ANY OTHER LINES OBTAINED BY THE CONTRACTOR'S RESEARCH, AND OTHERS NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

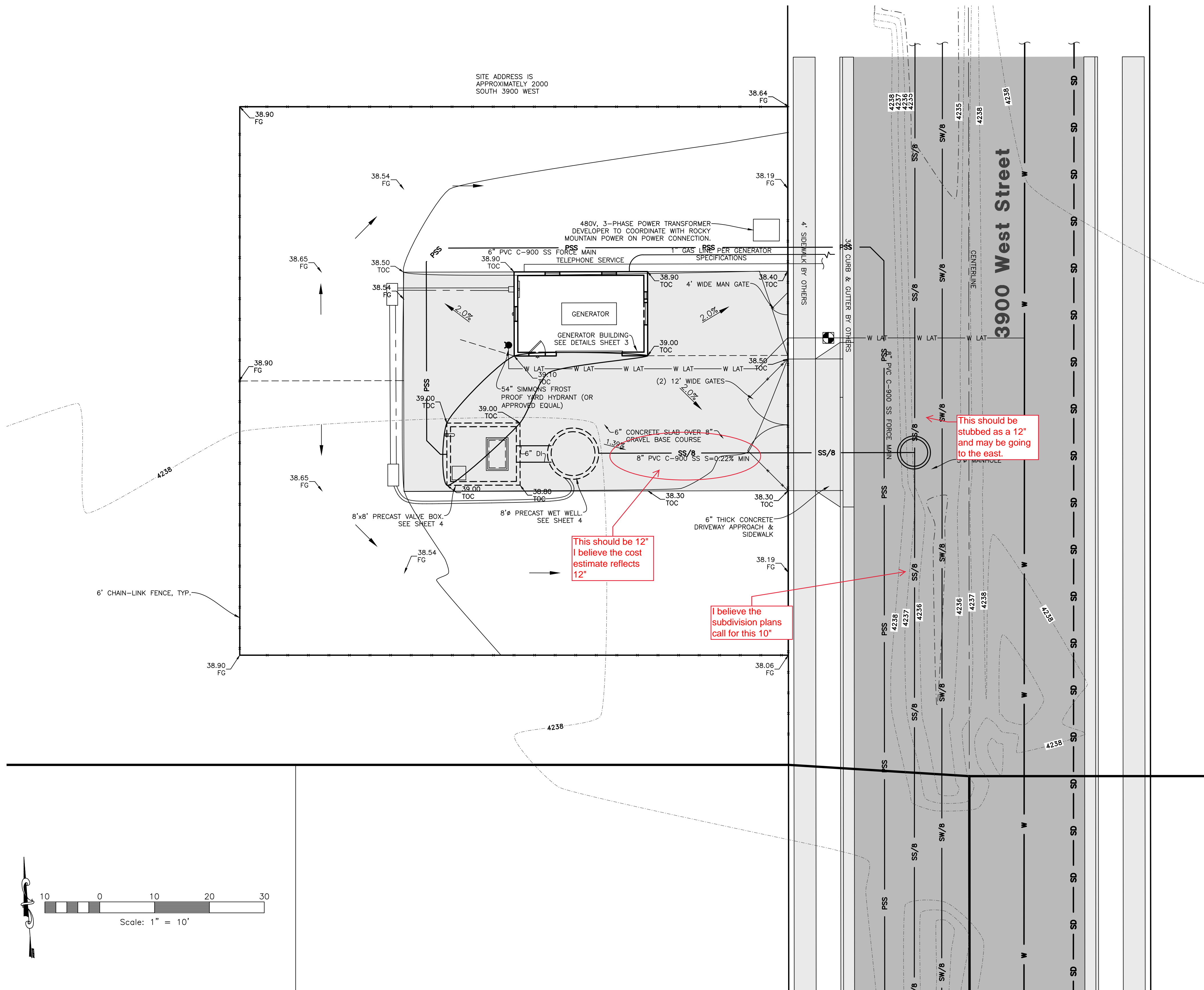
**Developer Contact:**  
Visionary Homes  
50 East 2500 North  
North Logan, UT 84341  
PH: (435) 265-3853

**Project Contact:**  
Project Manager: JEREMY DRAPER  
Project Engineer: KEN HUNTER

**Project Info.**  
Engineer: JEREMY A. DRAPER, P.E.  
Drafter: C. KINGSLEY  
Begin Date: JUNE 2020  
Name: TAYLOR LANDING LOCAL LIFT STATION  
Number: 4016-09

Sheet **7**  
**1** Sheets

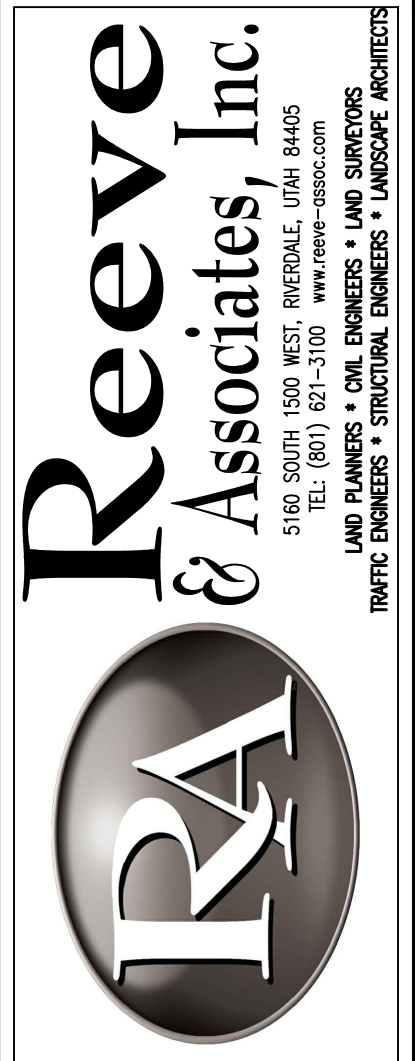
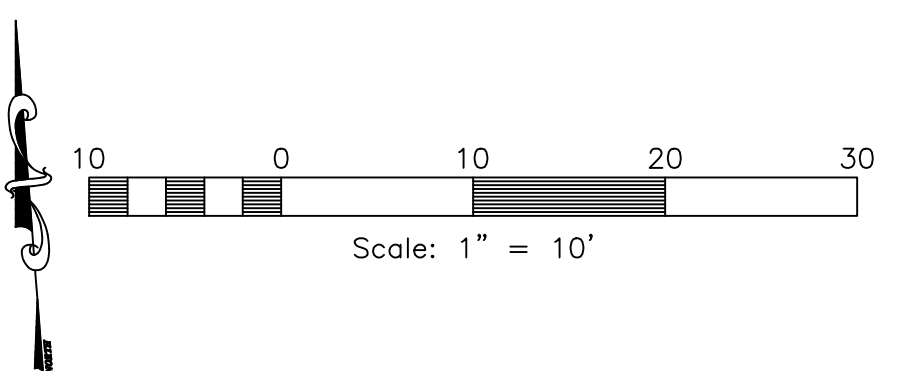
VERIFY ROADWAY DESIGN ELEVATIONS PRIOR TO INSTALLATION OF LIFT STATION. CONTACT ENGINEER OF RECORD IF ISSUES ARISE.



This should be 12" I believe the cost estimate reflects 12"

I believe the subdivision plans call for this 10"

This should be stubbed as a 12" and may be going to the east.



REVISIONS	DESCRIPTION

**Taylor Landing Local Lift Station**  
WEBER COUNTY, UTAH

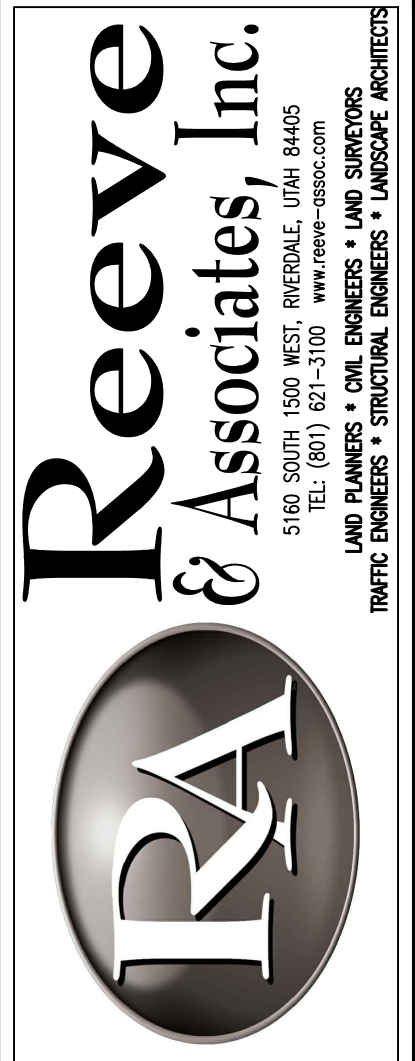
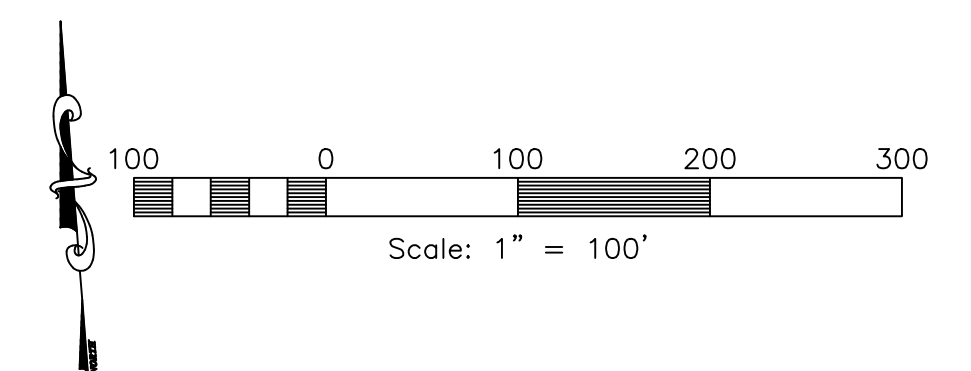
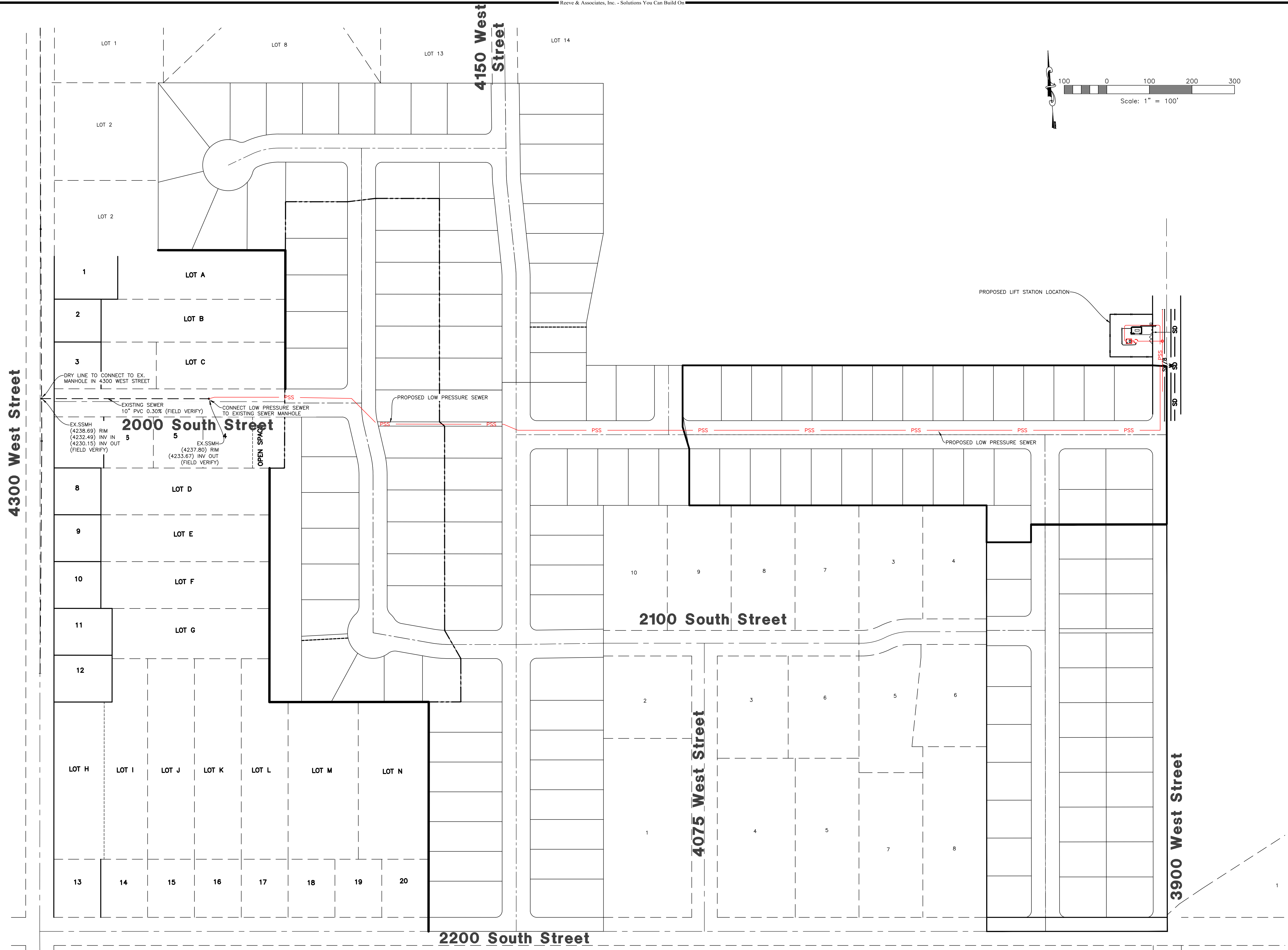
**Grading & Utility Plan**



**Project Info.**

Engineer:	JEREMY A. DRAPER, P.E.
Drafter:	C. KINGSLEY
Begin Date:	JUNE 2020
Name:	TAYLOR LANDING LOCAL LIFT STATION
Number:	4016-09

Sheet	7
2	Sheets



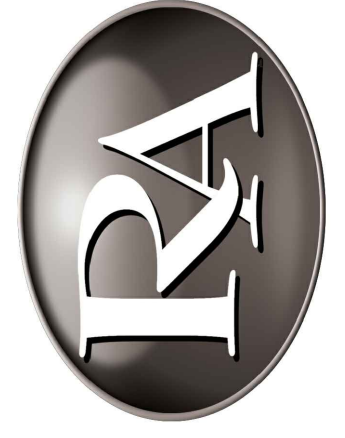
**Reeve & Associates, Inc.**  
 5160 SOUTH 1500 WEST, RIVERDALE, UTAH 84405  
 TEL: (801) 821-3100 www.reeve-assoc.com  
 LAND PLANNERS • CIVIL ENGINEERS • LAND SURVEYORS  
 TRAFFIC ENGINEERS • STRUCTURAL ENGINEERS • LANDSCAPE ARCHITECTS

REVISIONS	DESCRIPTION
DATE	

**Taylor Landing Local Lift Station**  
 WEBER COUNTY, UTAH  
**Sewer Connection**



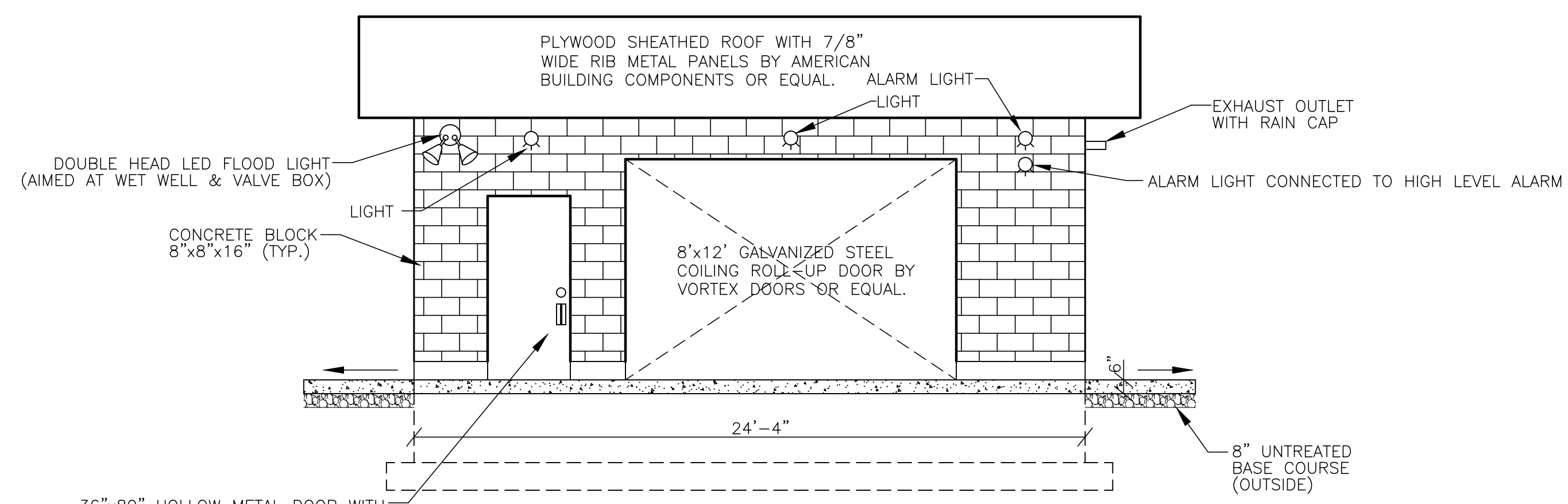
**Project Info.**  
 Engineer: JEREMY A. DRAPER, P.E.  
 Drafter: C. KINGSLEY  
 Begin Date: JUNE 2020  
 Name: TAYLOR LANDING LOCAL LIFT STATION  
 Number: 4016-09



REVISIONS	DESCRIPTION

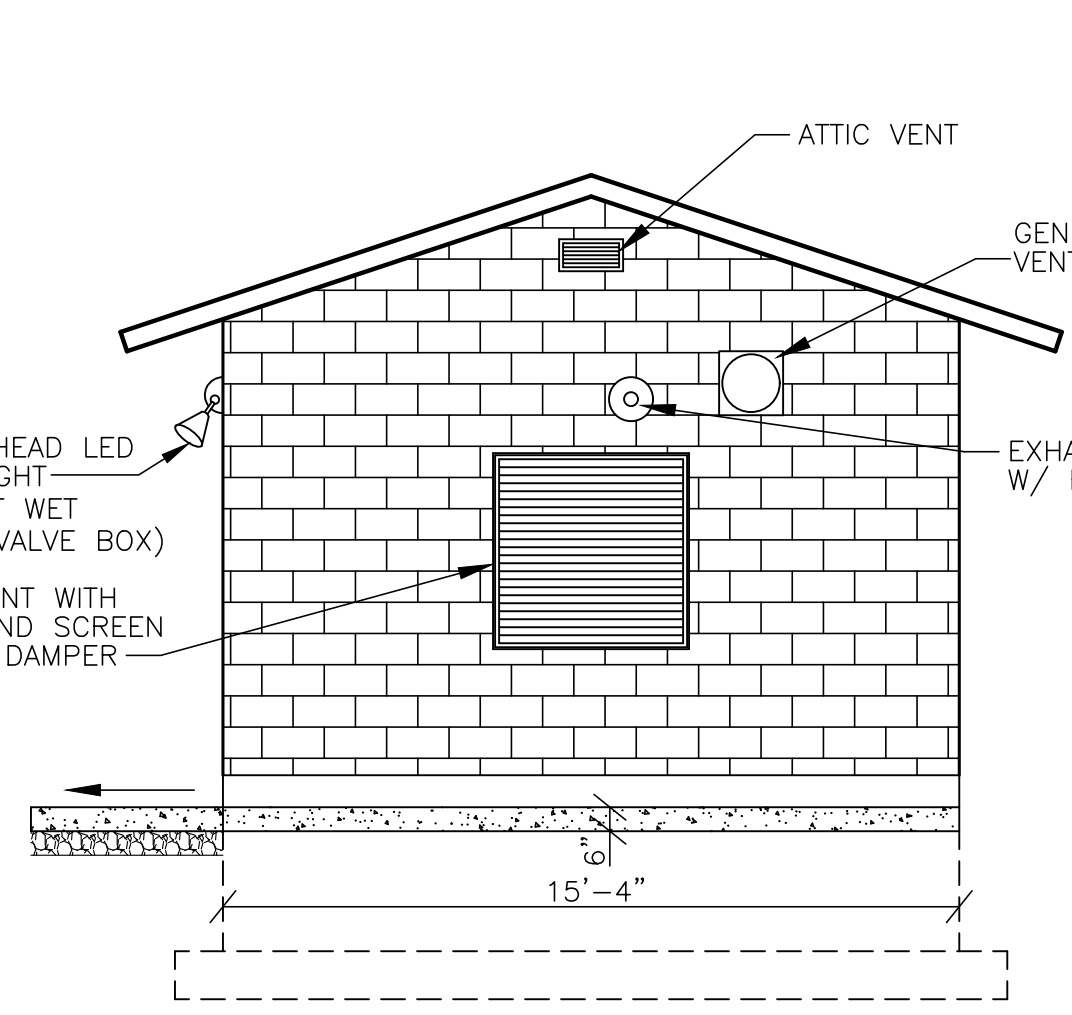
**Taylor Landing Local Lift Station**  
 WEBER COUNTY, UTAH

**Generator Building**

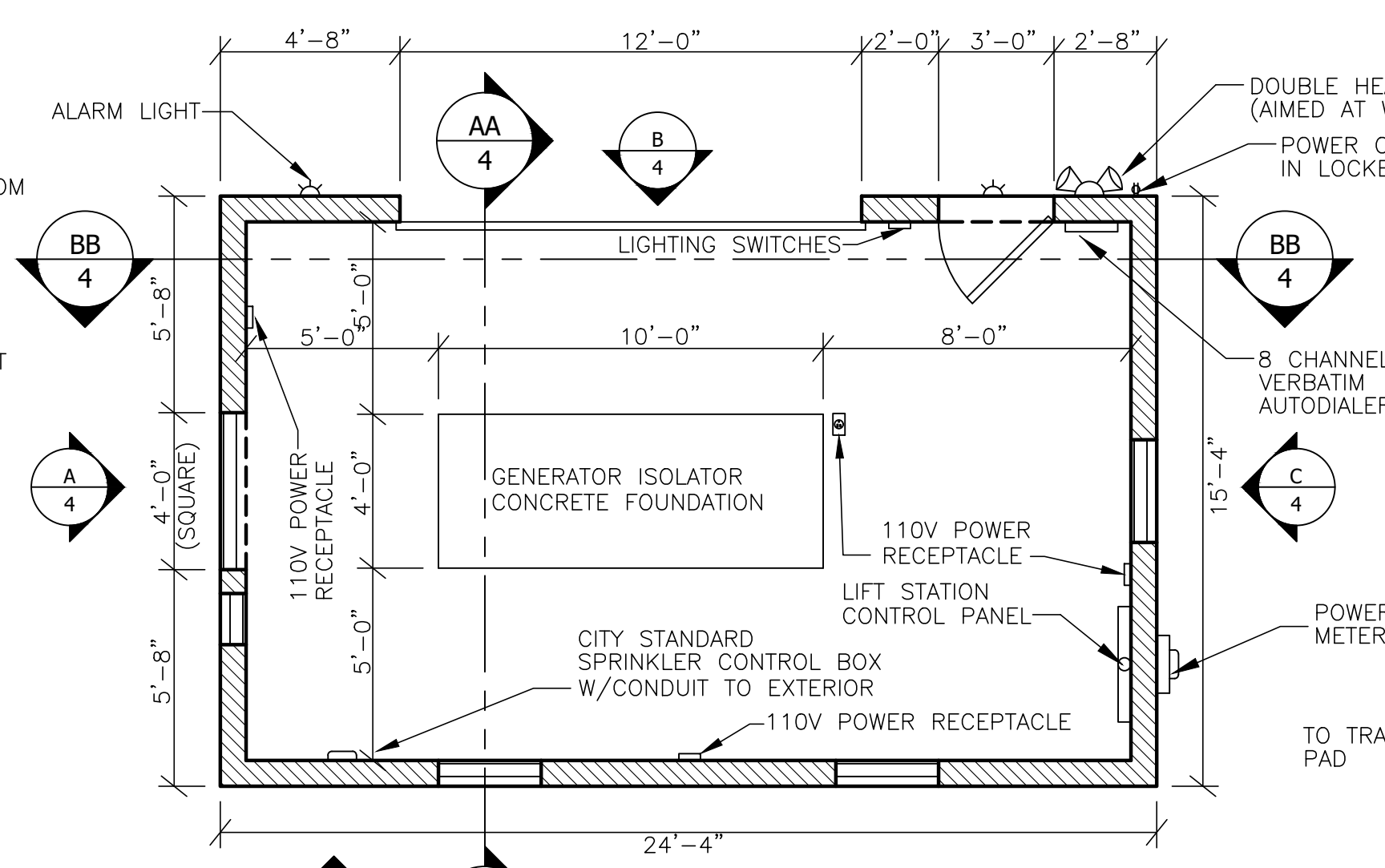


**Elevation B**  
 SCALE: 1/4" = 1'

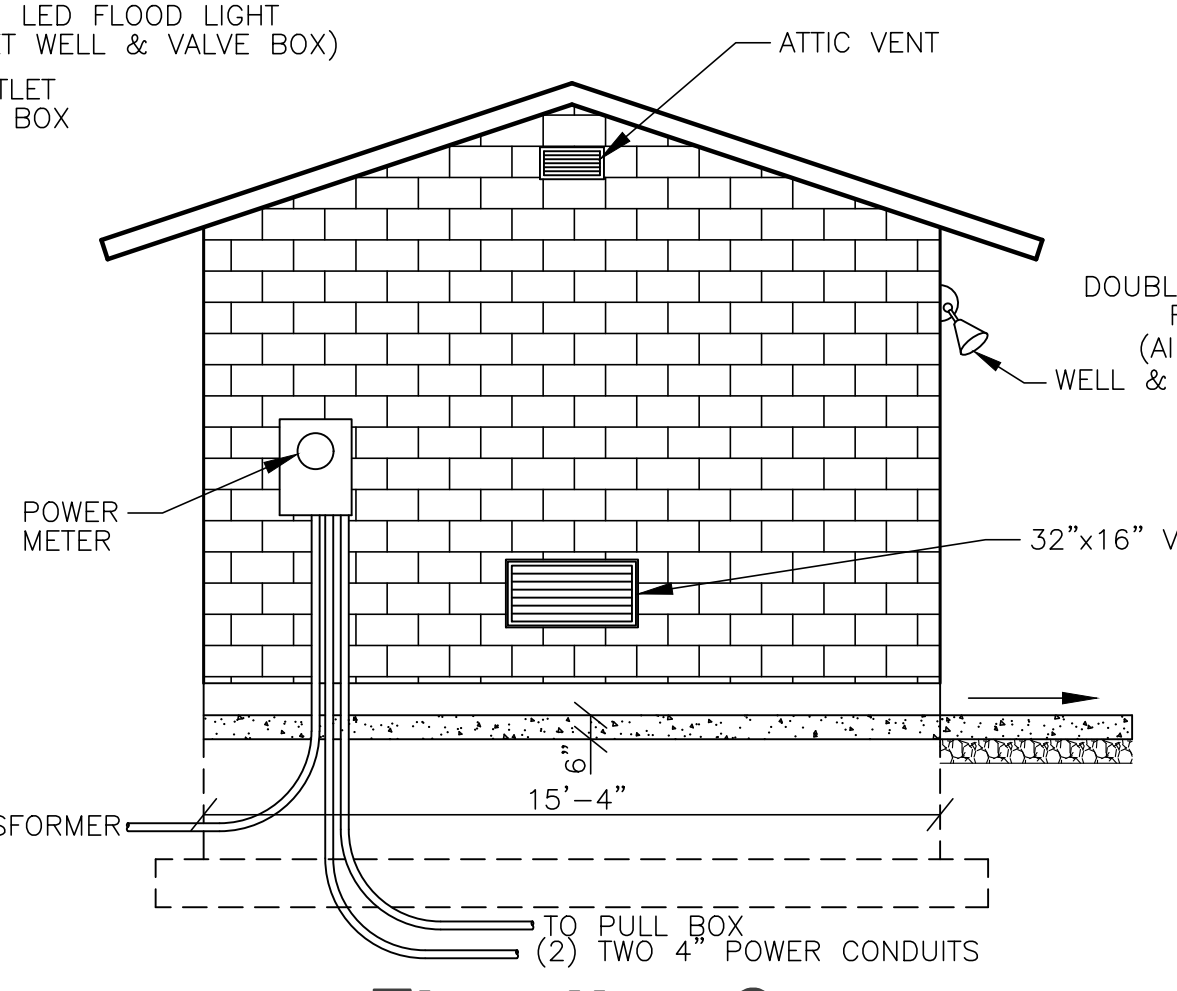
GENERATOR:  
 CATERPILLAR DG150-2 GENERATOR SET  
 ELECTRIC POWER, 8.8L, V8, 4-CYCLE ENGINE



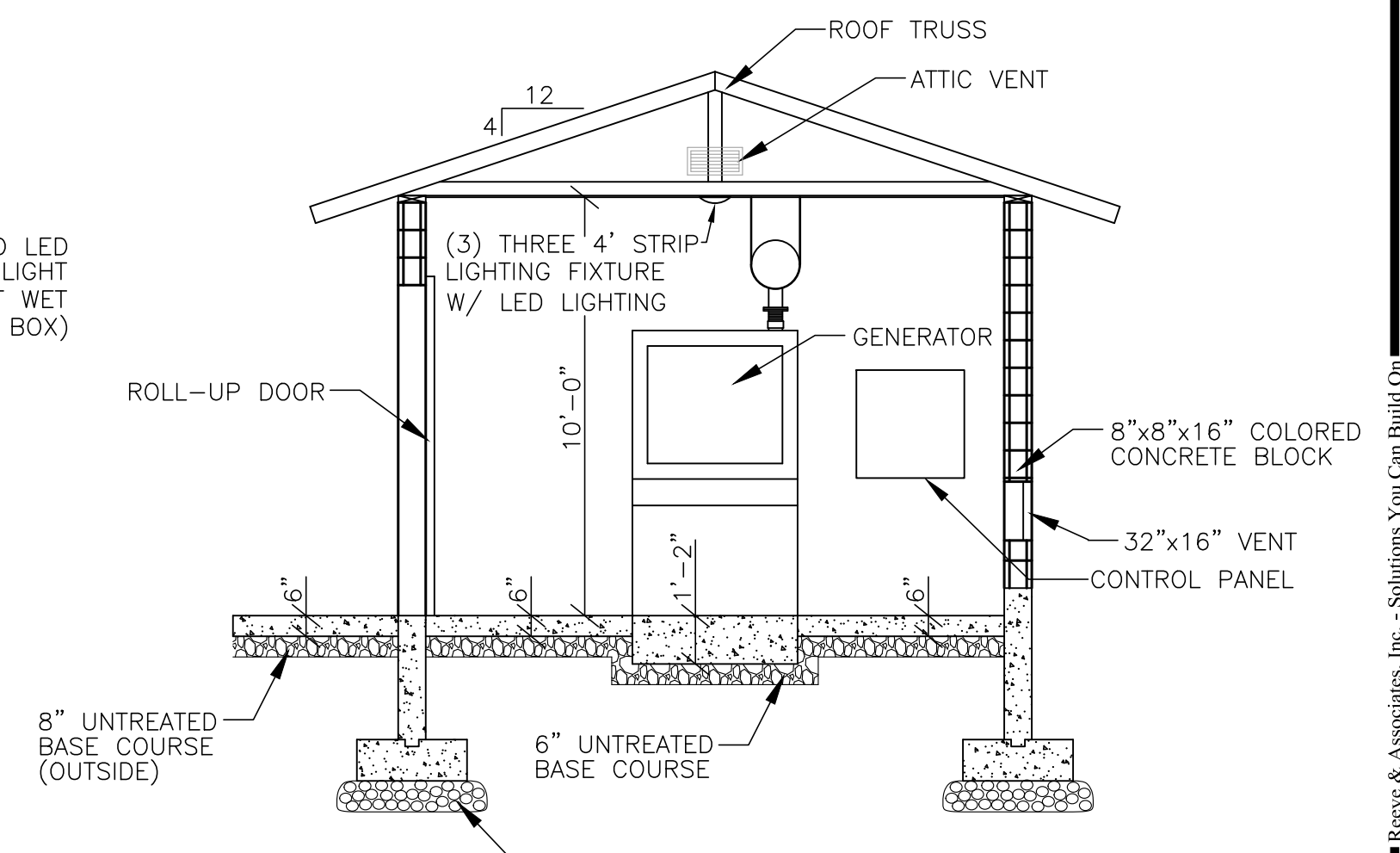
**Elevation A**  
 SCALE: 1/4" = 1'



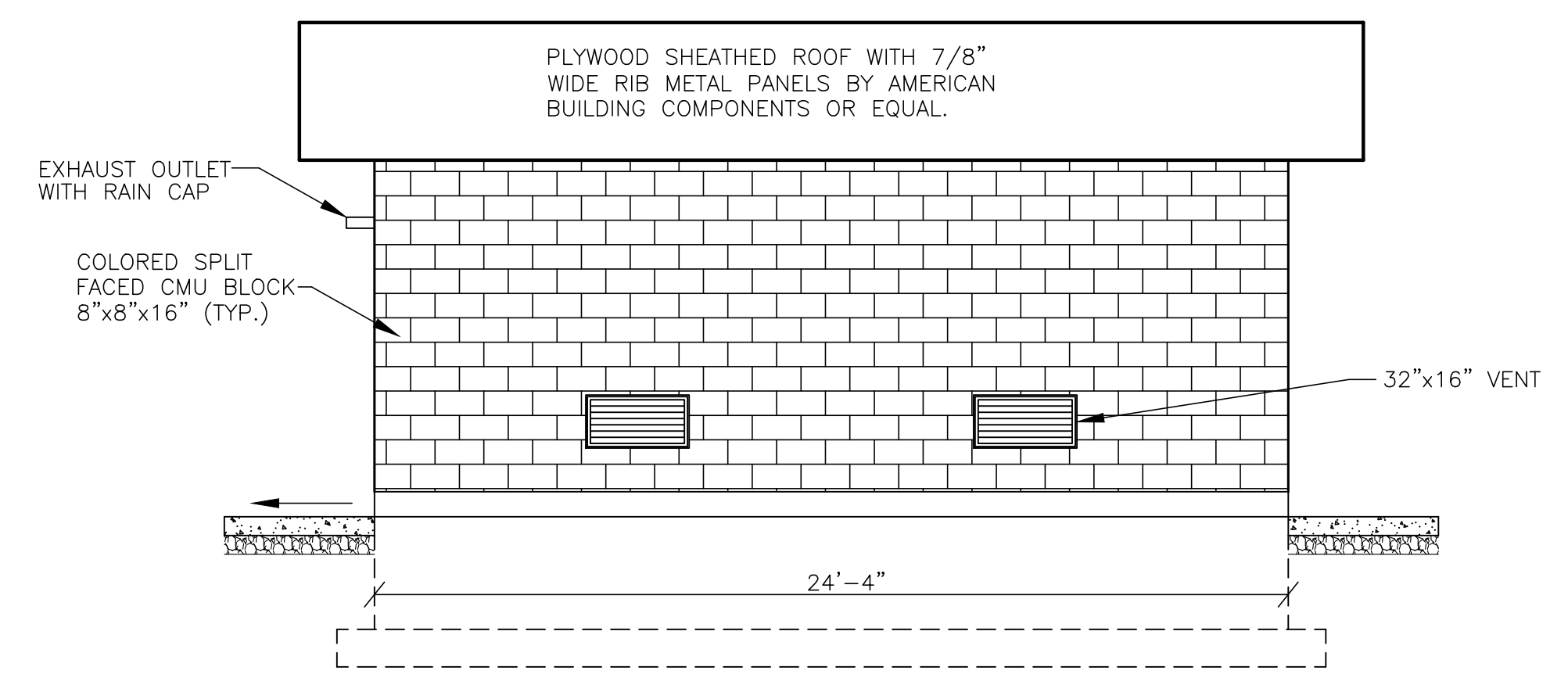
**Generator Building Floor-plan**  
 SCALE: 1/4" = 1'



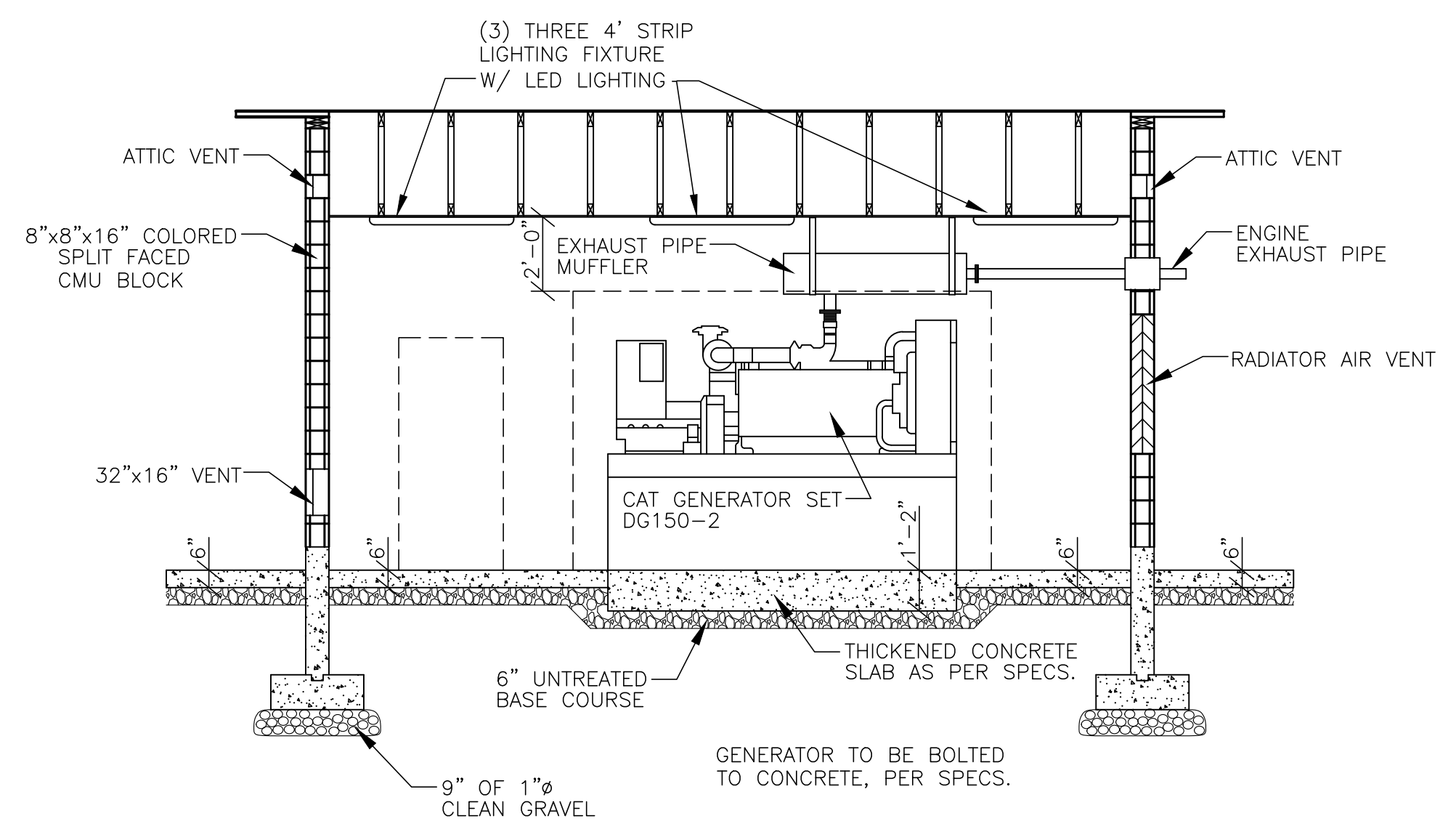
**Elevation C**  
 SCALE: 1/4" = 1'



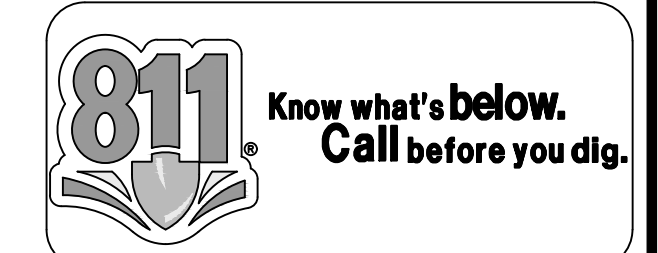
**Section A-A**  
 SCALE: 1/4" = 1'



**Elevation D**  
 SCALE: 1/4" = 1'



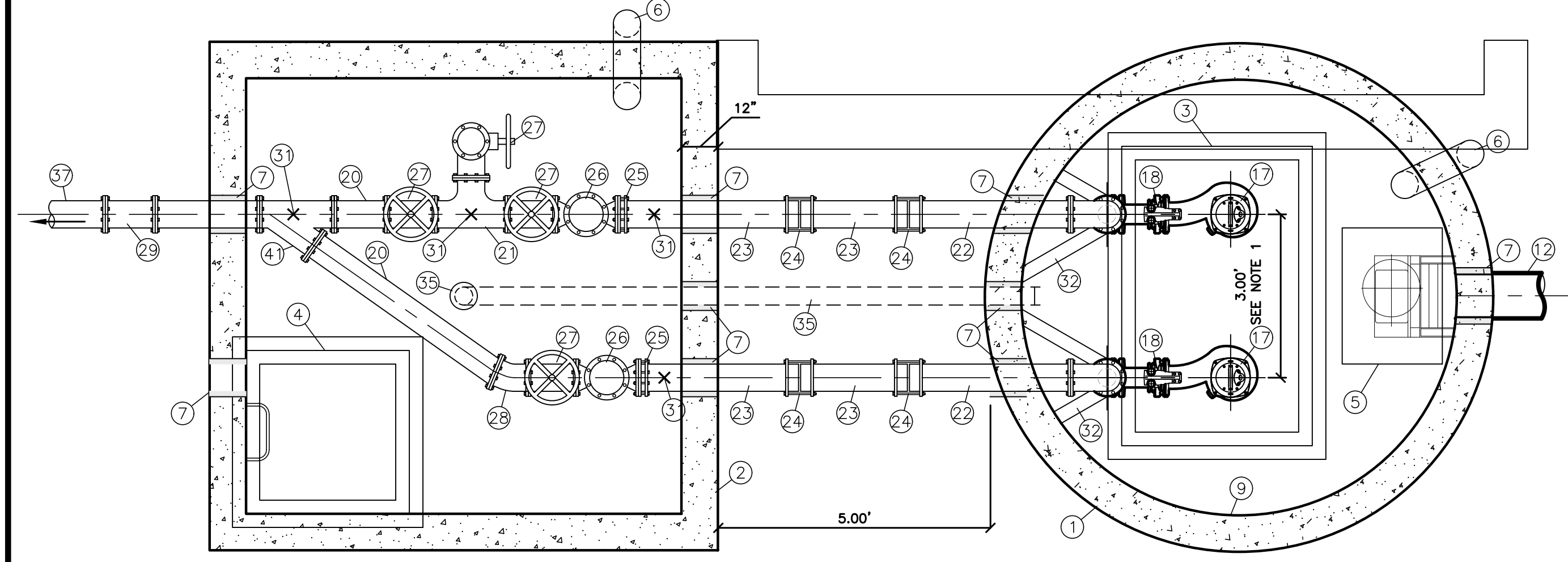
**Section B-B**  
 SCALE: 1/4" = 1'



**Project Info.**

Engineer: JEREMY A. DRAPER, P.E.  
 Drafter: C. KINGSLEY  
 Begin Date: JUNE 2020  
 Name: TAYLOR LANDING LOCAL LIFT STATION  
 Number: 4016-09

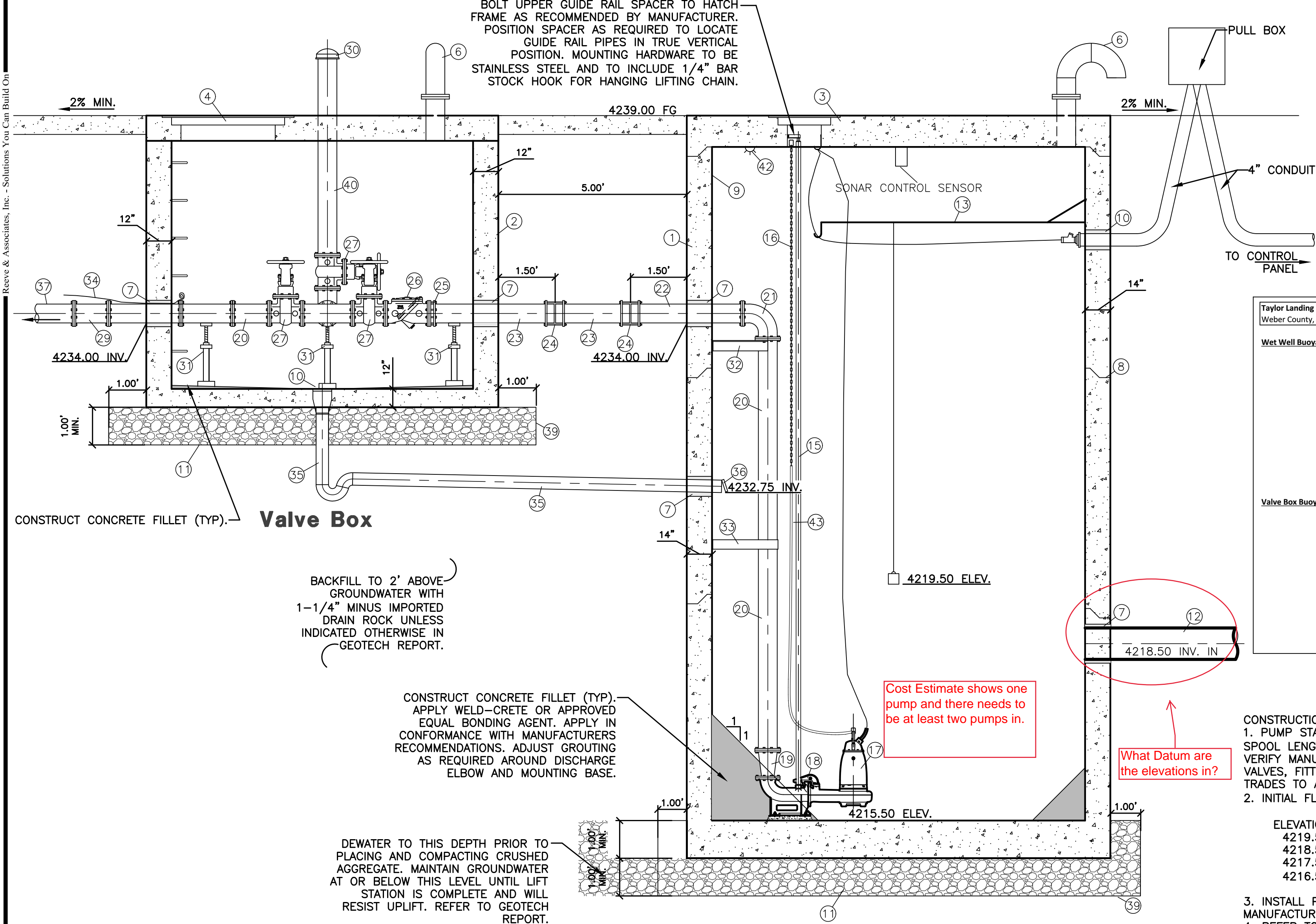
Sheet	7
4	Sheets



Valve Box

Precast Concrete Wet Well

Lift Station - Plan  
SCALE: 1"=2'



Valve Box

Precast Concrete Wet Well

Lift Station - Section  
NTS

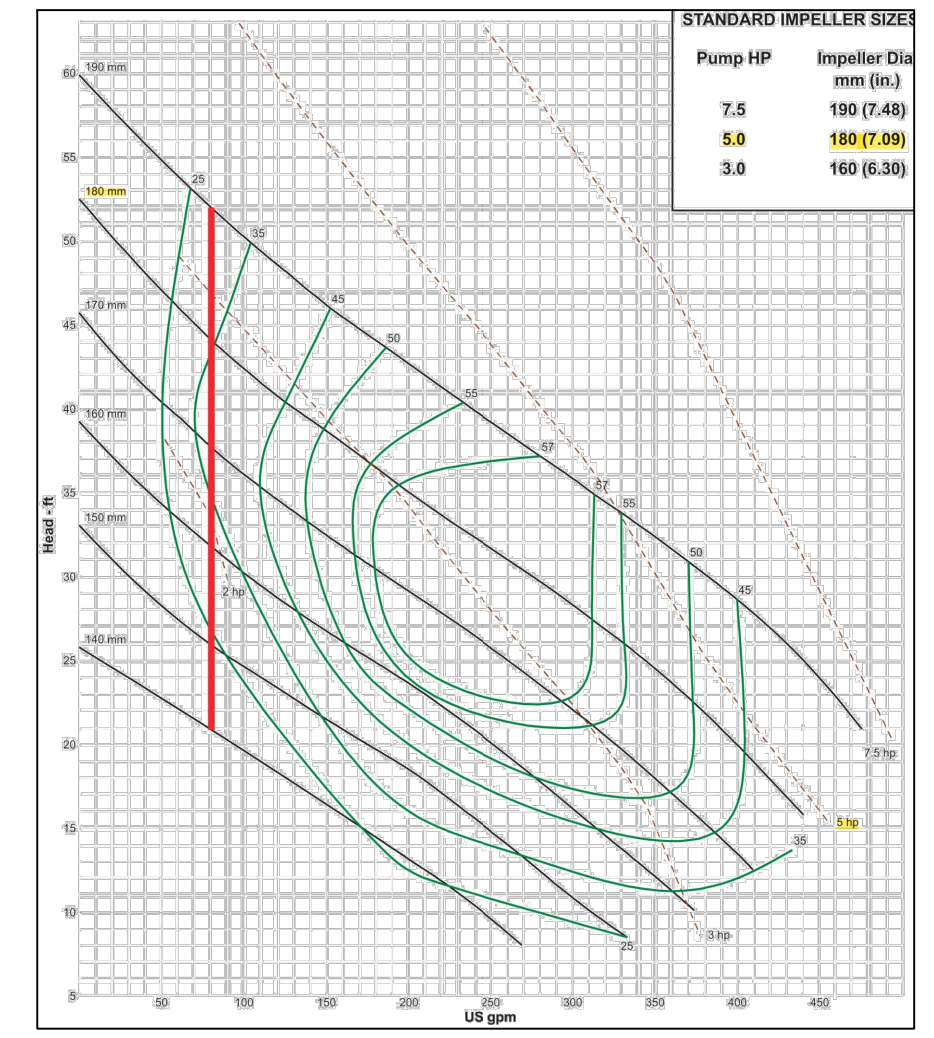
Is this going to be the Flygt Pump. If they are not I am not sure about the other pump that was submitted

What Datum are the elevations in?

Cost Estimate shows one pump and there needs to be at least two pumps in.

Table with columns: No., ITEM, JOINT, QUANTITY, LEGEND, NOTES. Lists materials and quantities for the lift station, including concrete, pipes, valves, and pumps.

Table titled 'Wet Well Buoyancy Calculations' and 'Valve Box Buoyancy Calculations' showing structural and buoyancy data.

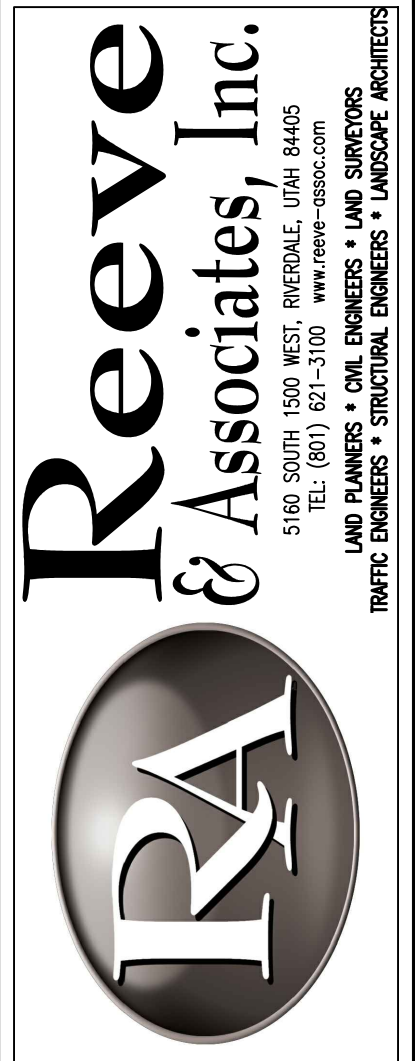


Sewer Pump Station Design Data: 156 SINGLE FAMILY LOTS @ 300 GAL/PER LOT, AVERAGE FLOW IN = 32.5 GPM, PEAK FLOW IN (2.0 PEAKING FACTOR) = 65 GMP.

CONSTRUCTION NOTES: 1. PUMP STATION MECHANICAL EQUIPMENT SHOWN IS SCHEMATIC. CONTRACTOR IS RESPONSIBLE FOR CORRECT QUANTITIES AND PIPE SPOOL LENGTHS AS REQUIRED FOR A FULLY FUNCTIONAL INSTALLATION.

Table with columns: ELEVATION (FEET), CONTROLLER FUNCTION FOR RISING LEVEL, CONTROLLER FUNCTION FOR FALLING LEVEL.

3. INSTALL PUMP AND ALL RELATED PUMP EQUIPMENT IN STRICT ACCORDANCE WITH THE DRAWINGS, SPECIFICATIONS, AND MANUFACTURERS RECOMMENDATIONS.



REVISIONS table with columns: NO., DESCRIPTION, DATE.

Taylor Landing Local Lift Station  
WEBER COUNTY, UTAH  
Lift Station



Project Info:  
Engineer: JEREMY A. DRAPER, P.E.  
Drafted: C. KINGSLEY  
Begin Date: JUNE 2020  
Name: TAYLOR LANDING LOCAL LIFT STATION  
Number: 4016-09

Blue Stakes Location Center  
Call: Toll Free 1-800-662-4111  
Two Working Days Before You Dig



REVISIONS	DESCRIPTION

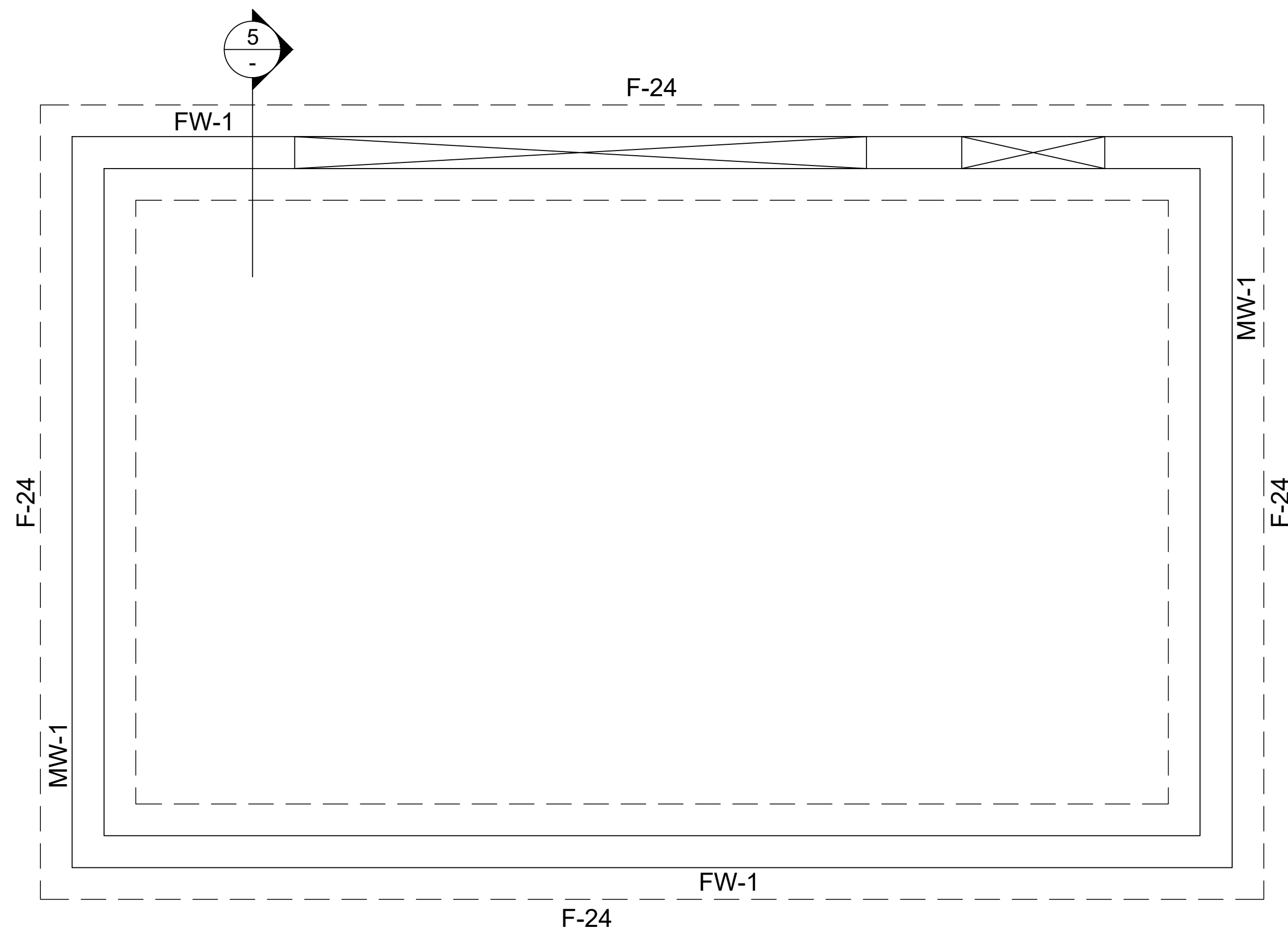
**Taylor Landing Local Lift Station**  
 WEBER COUNTY, UTAH  
**Plan & Details**



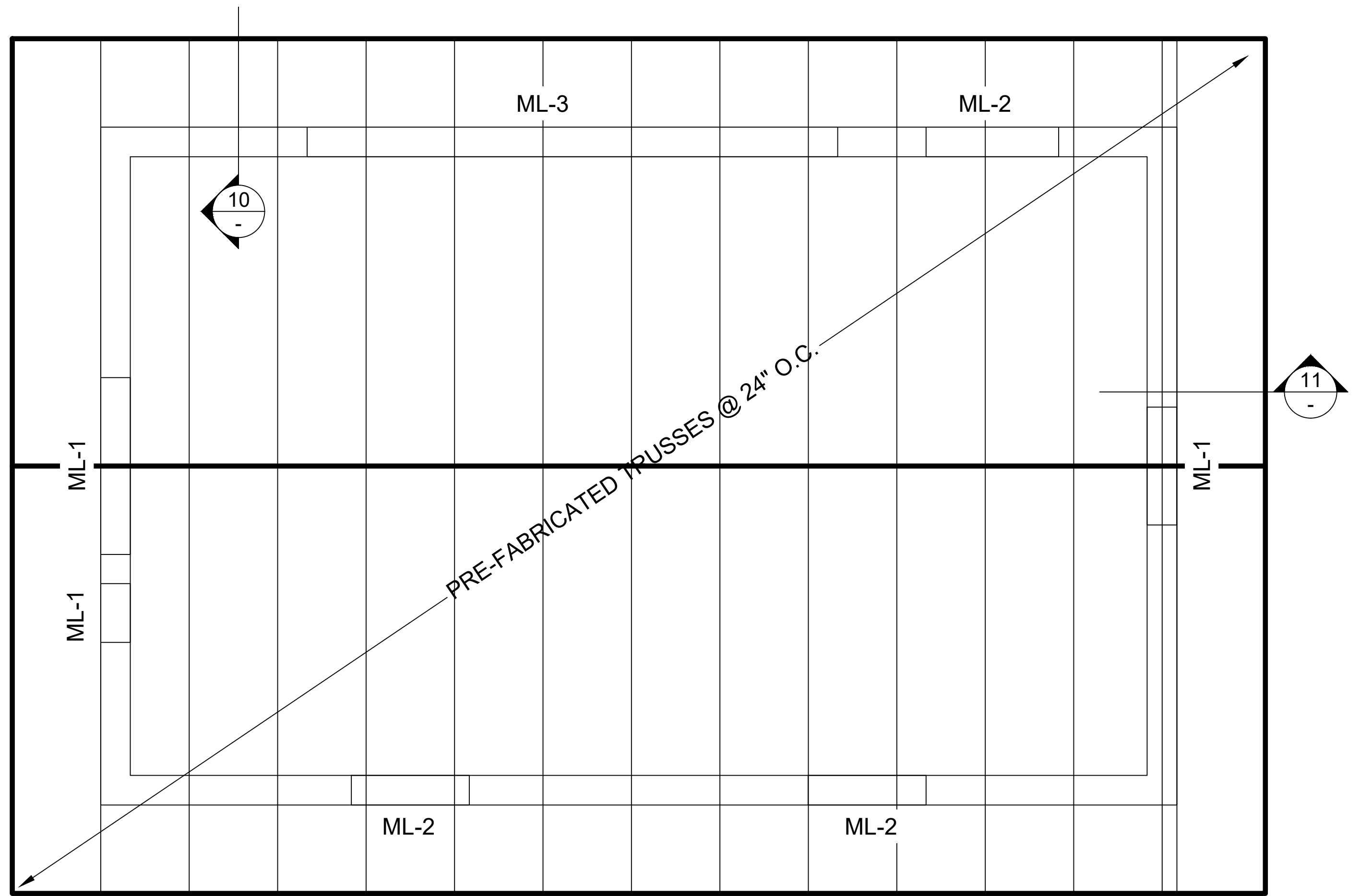
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Reeve & Associates, Inc. - Solutions You Can Build On

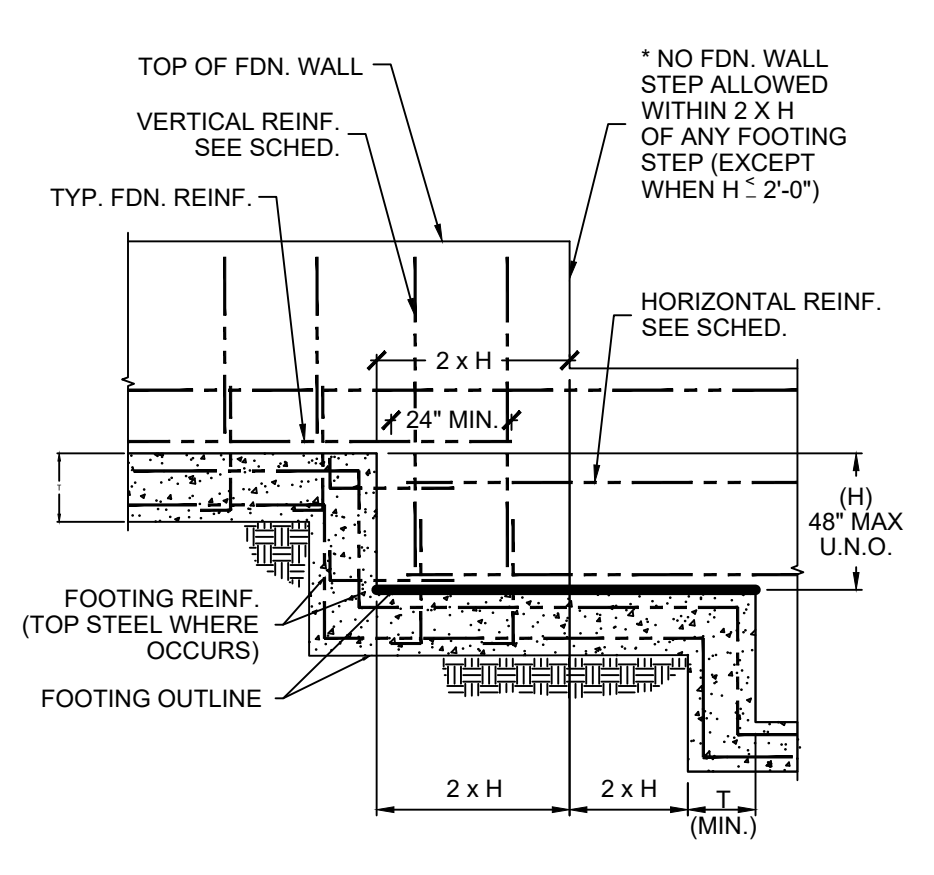
Reeve & Associates, Inc. - Solutions You Can Build On



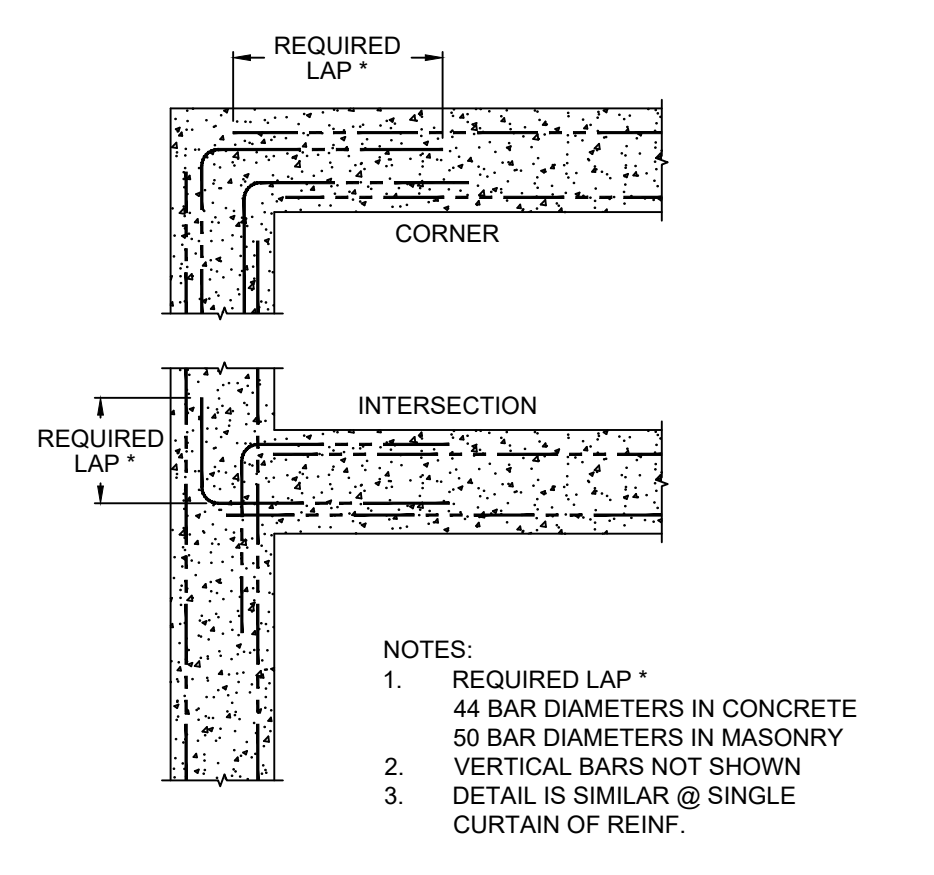
**13 FOOTING AND FOUNDATION PLAN**  
 SCALE: 1/2" = 1'-0"



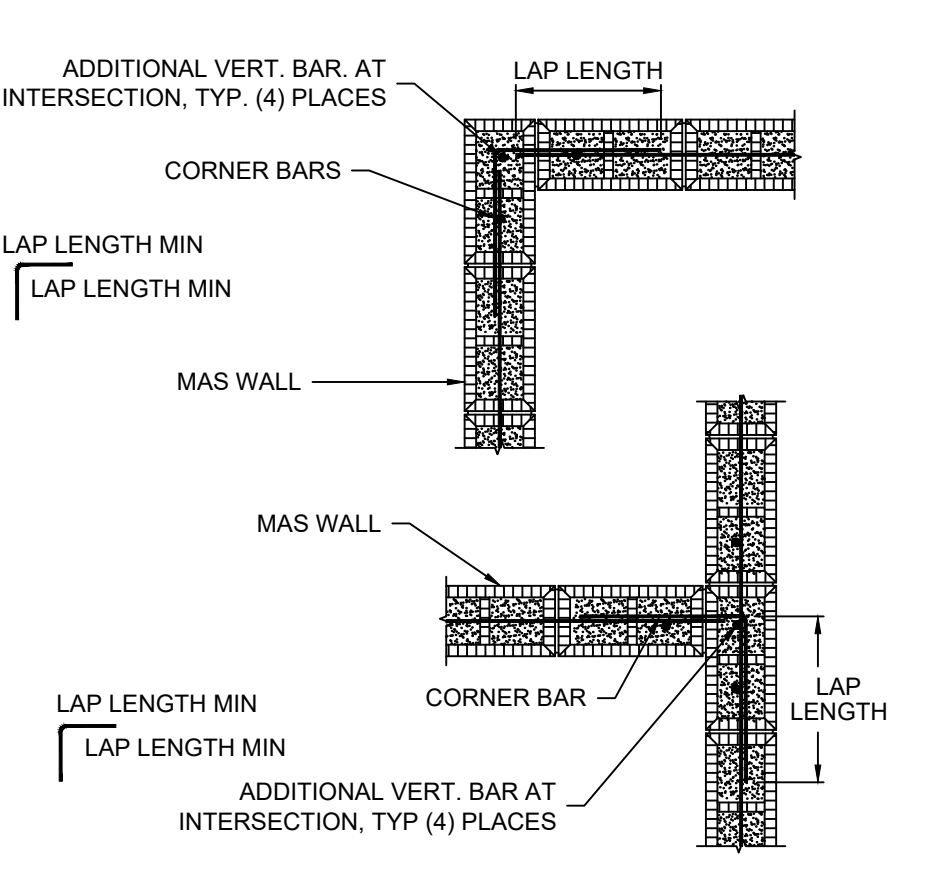
**14 ROOF FRAMING PLAN**  
 SCALE: 1/2" = 1'-0"



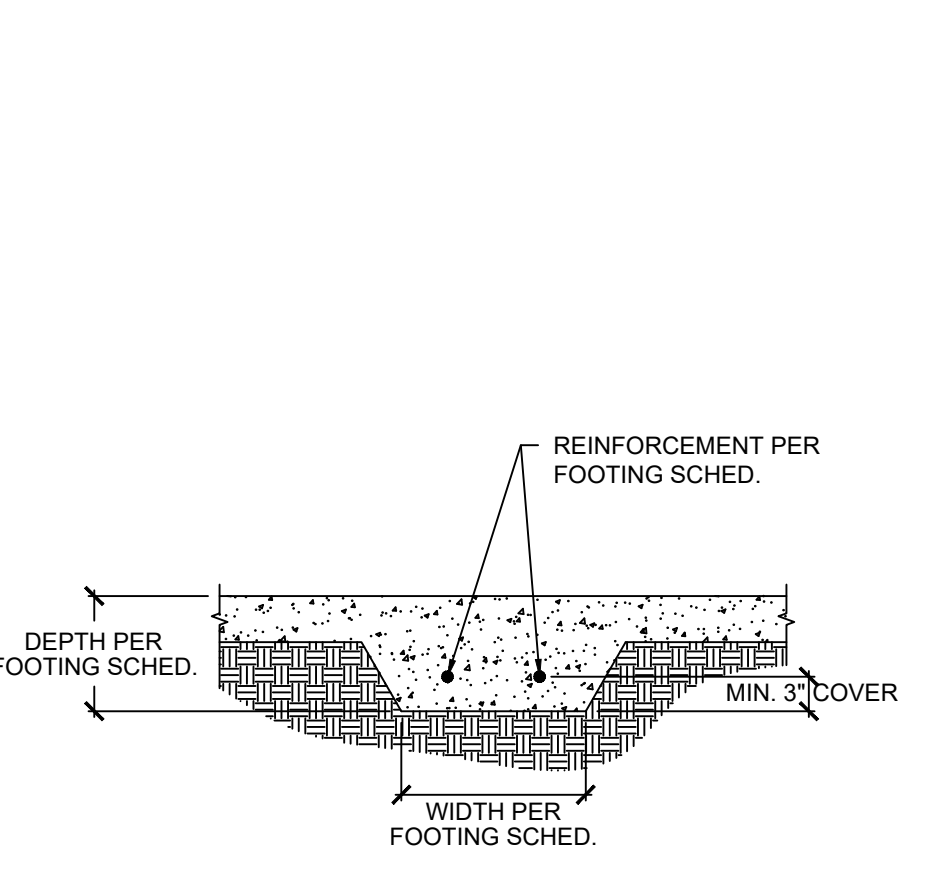
**1 STEP FOOTING (TYP.)**  
 SCALE: NONE (SEE PLAN FOR LOCATION)



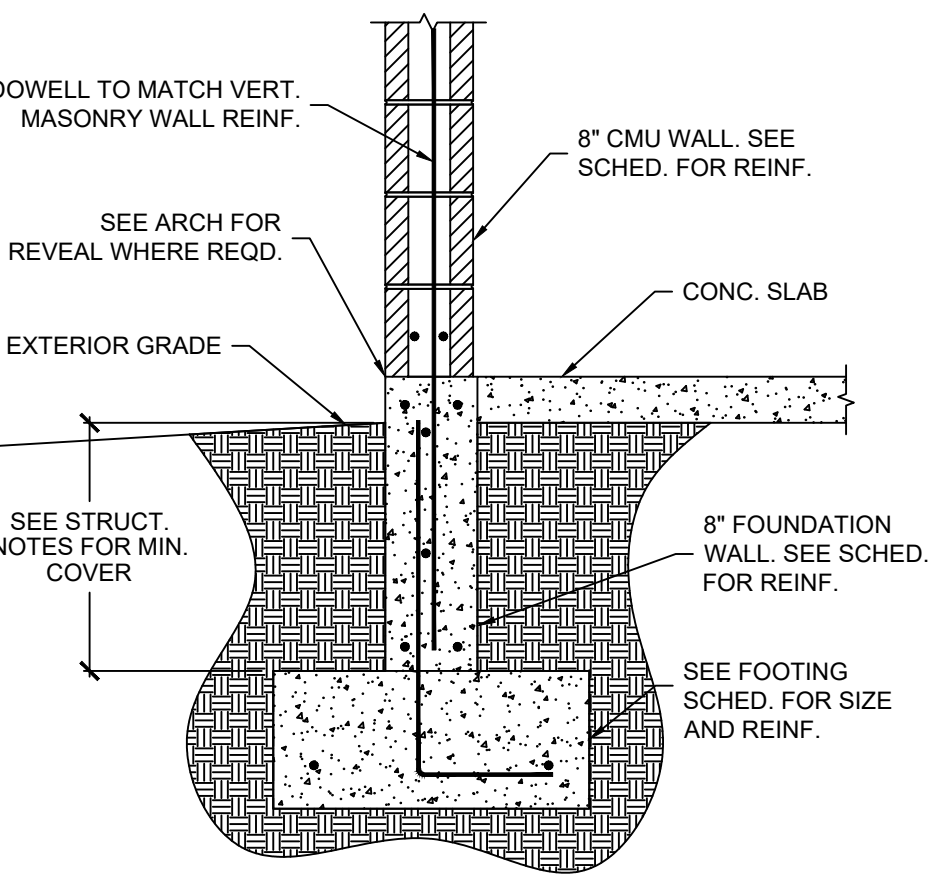
**2 HORIZONTAL REINFORCEMENT (TYP.)**  
 SCALE: NONE



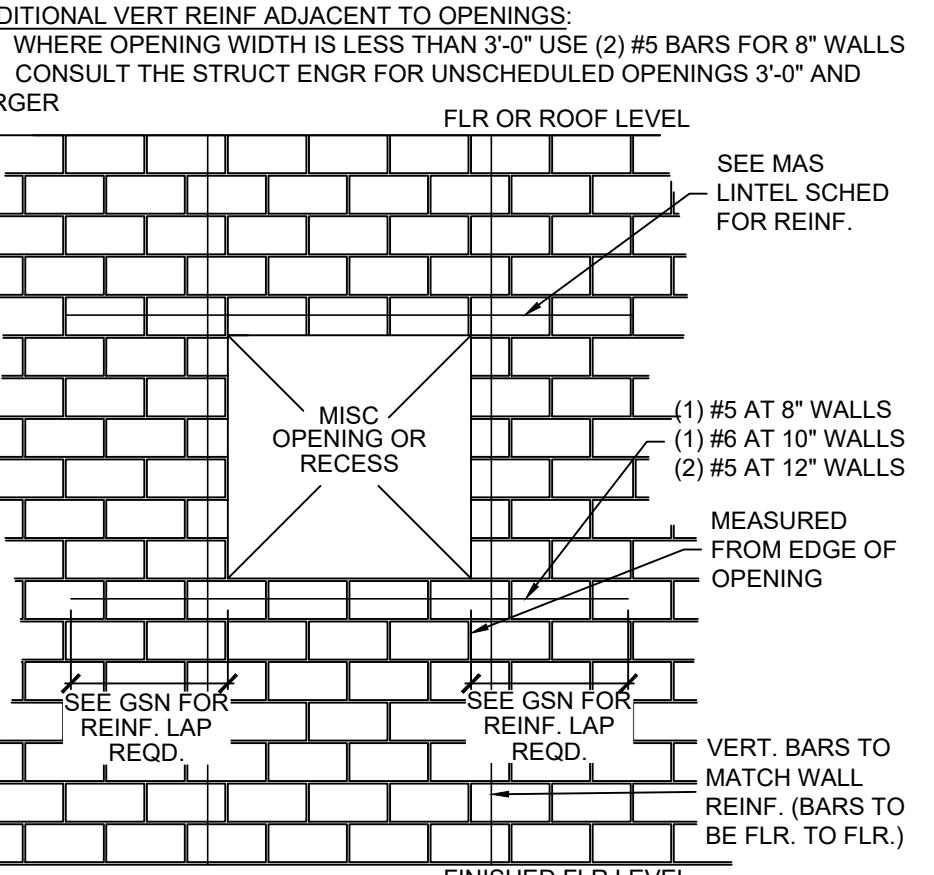
**3 CMU CORNER REINFORCING, TYP.**  
 SCALE: NONE



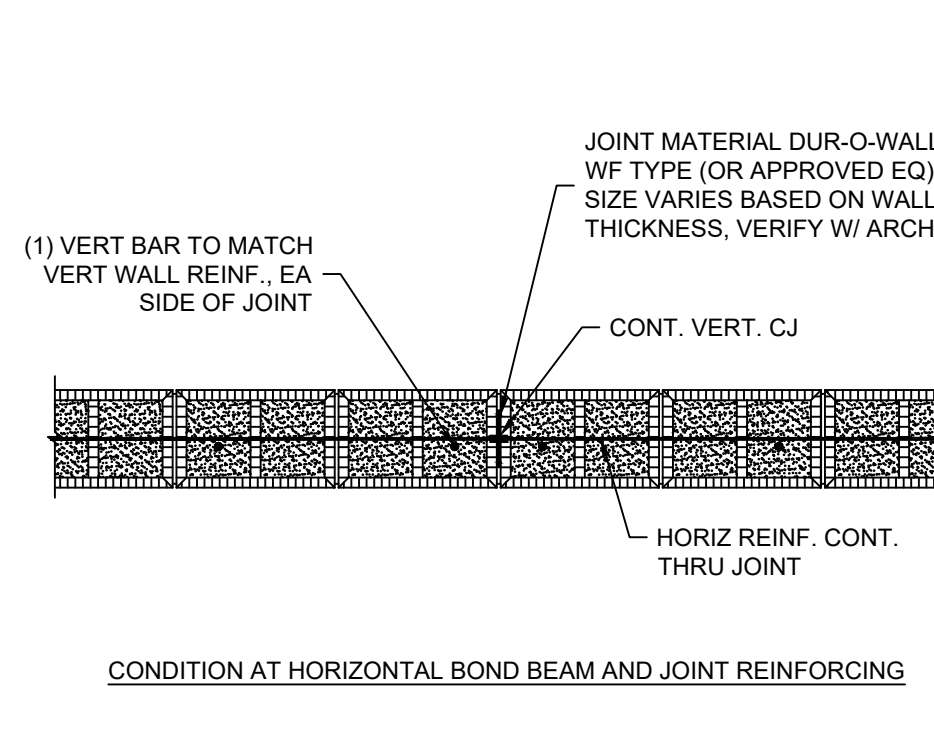
**4 THICKENED SLAB DETAIL**  
 SCALE: NONE



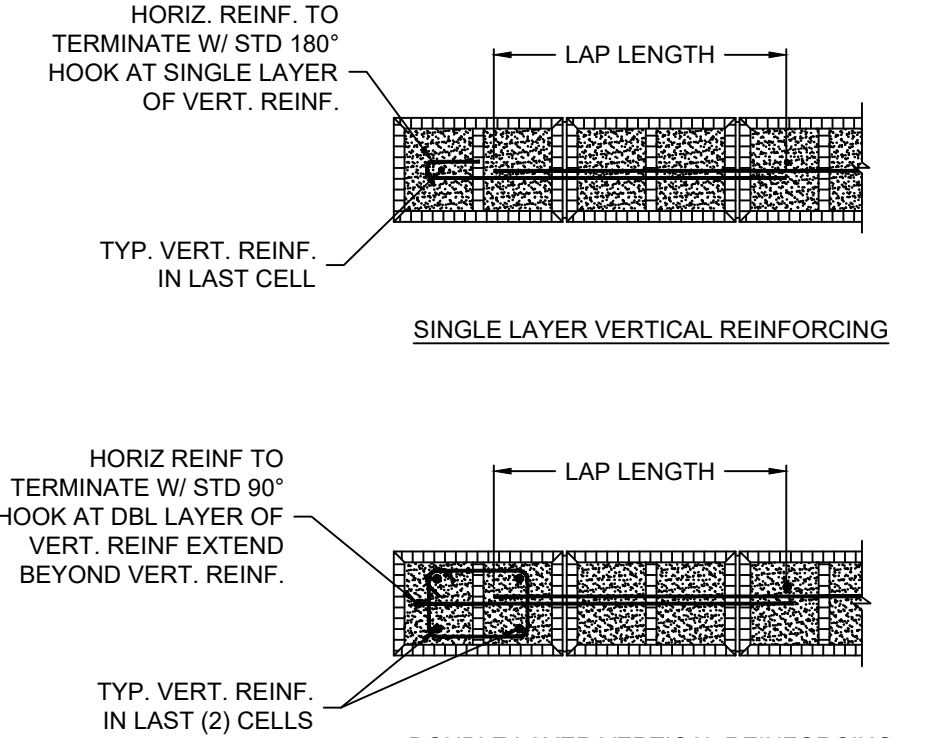
**5 TYPICAL PERIMETER WALL DETAIL**  
 SCALE: NONE



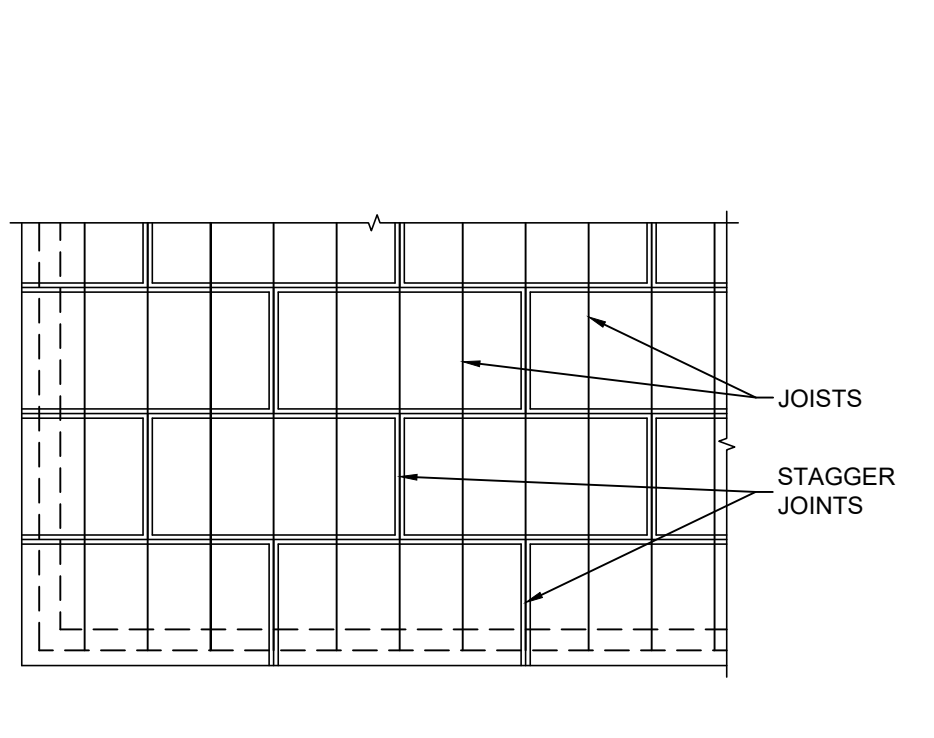
**6 MISC. CMU WALL OPENINGS**  
 SCALE: NONE



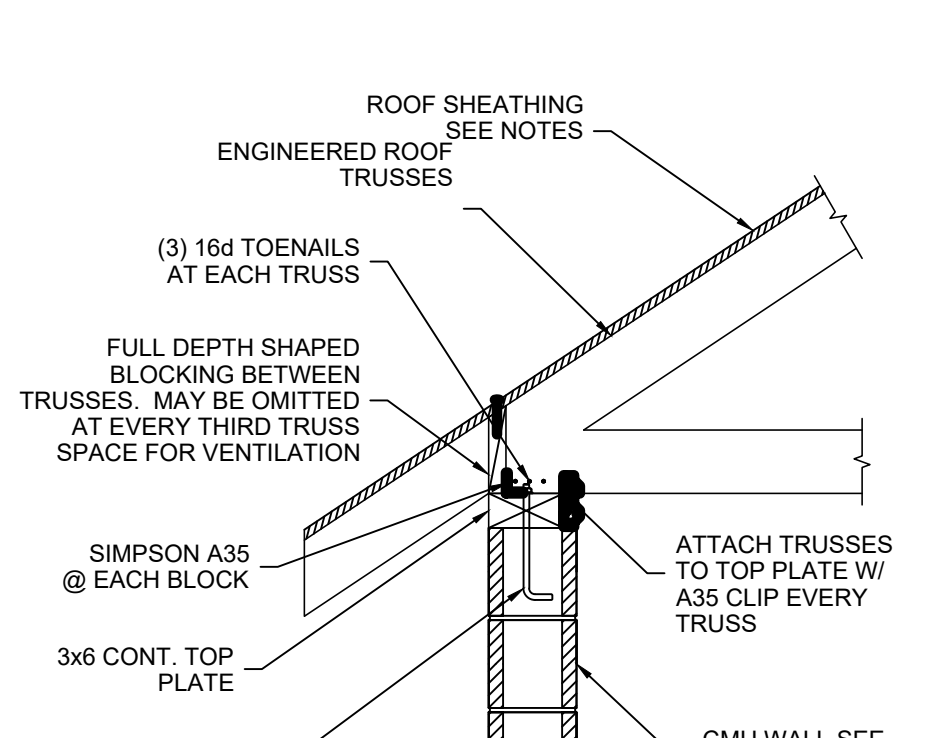
**7 TYPICAL CMU CONTROL JOINT**  
 SCALE: NONE



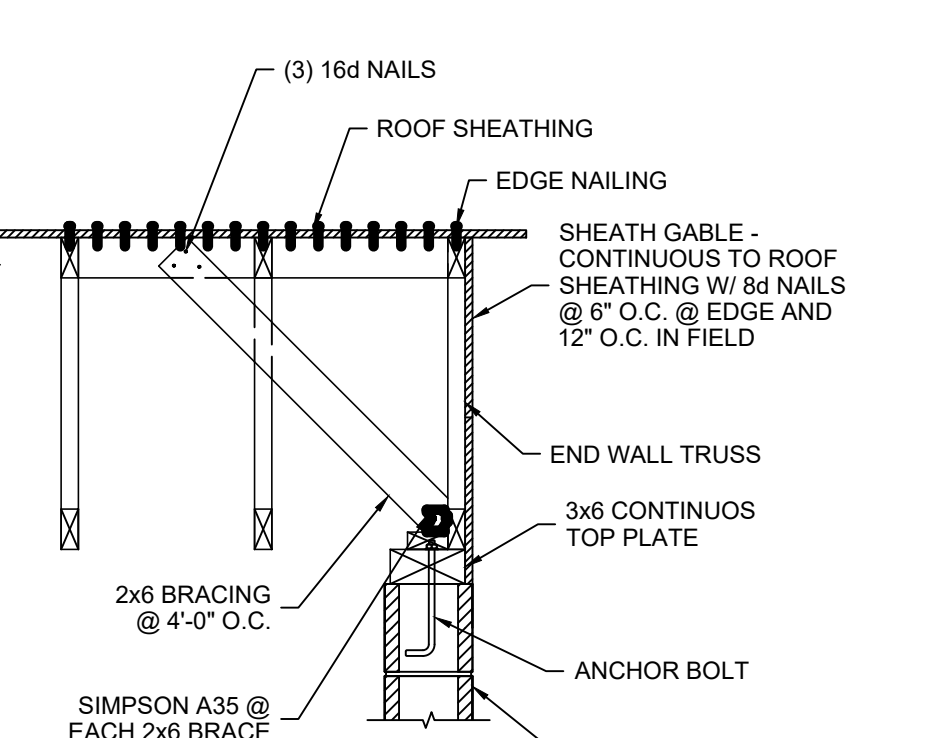
**8 TYPICAL TERMINATION OF HORIZ. REINF. FOR SINGLE REINF MASONRY WALLS**  
 SCALE: NONE



**9 HORIZONTAL SHEATHING LAYOUT (TYP.)**  
 SCALE: NONE



**10 TRUSS @ EXTERIOR WALL (TYP.)**  
 SCALE: NONE



**11 TRUSS PARALLEL TO SHEAR WALL DETAIL**  
 SCALE: NONE



**12 DETAIL**  
 SCALE: NONE