

1 **FIRST FLOOR PLAN**
 A100 3/32" = 1'-0"



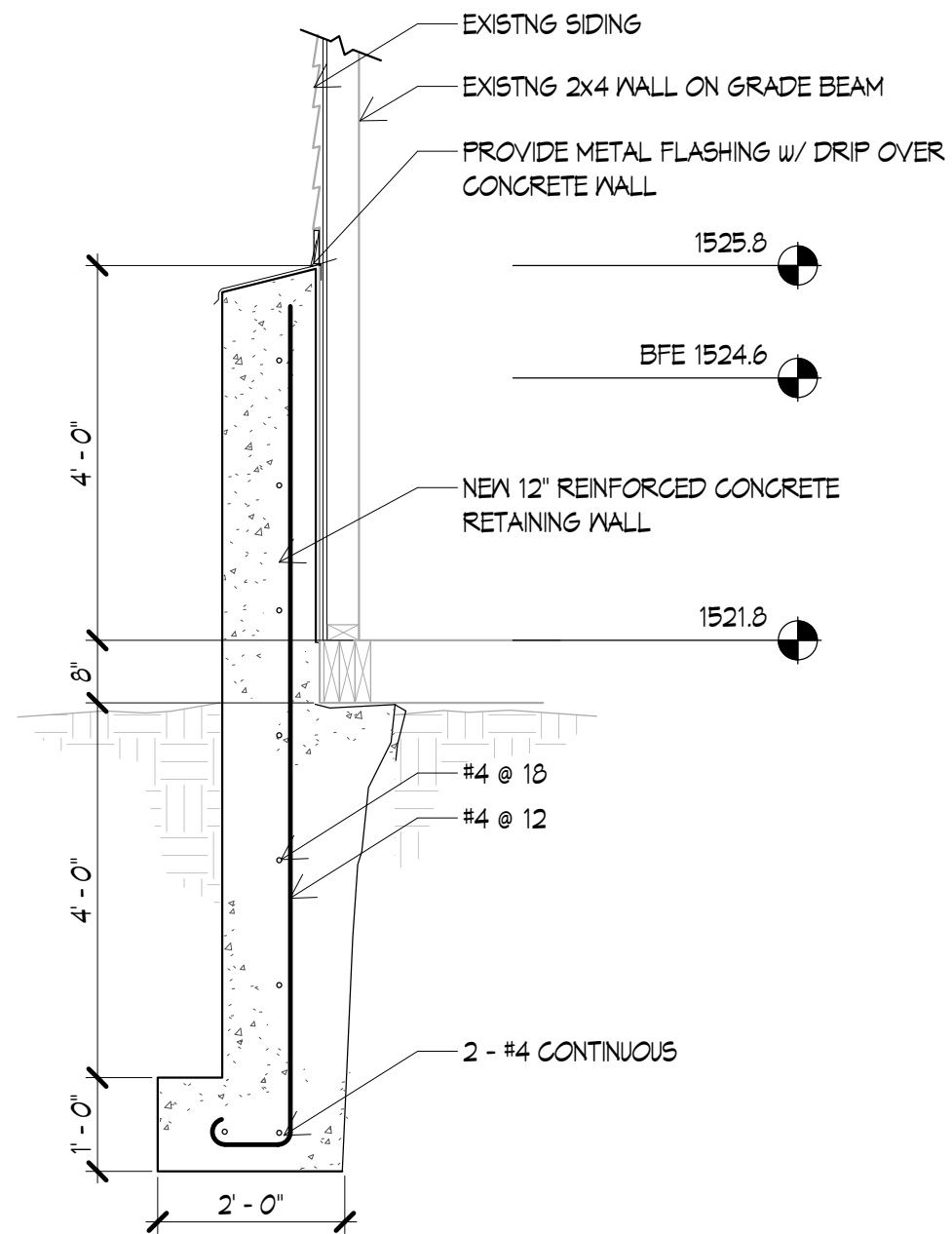
S&A STEVENS & ASSOCIATES, P.C.
 SMART DESIGN FOR LIVABLE COMMUNITIES
 ARCHITECTS | ENGINEERS | LANDSCAPE ARCHITECTS | PLANNERS
 95 MAIN ST. | P.O. BOX 1586 | BRATTLEBORO, VT 05302
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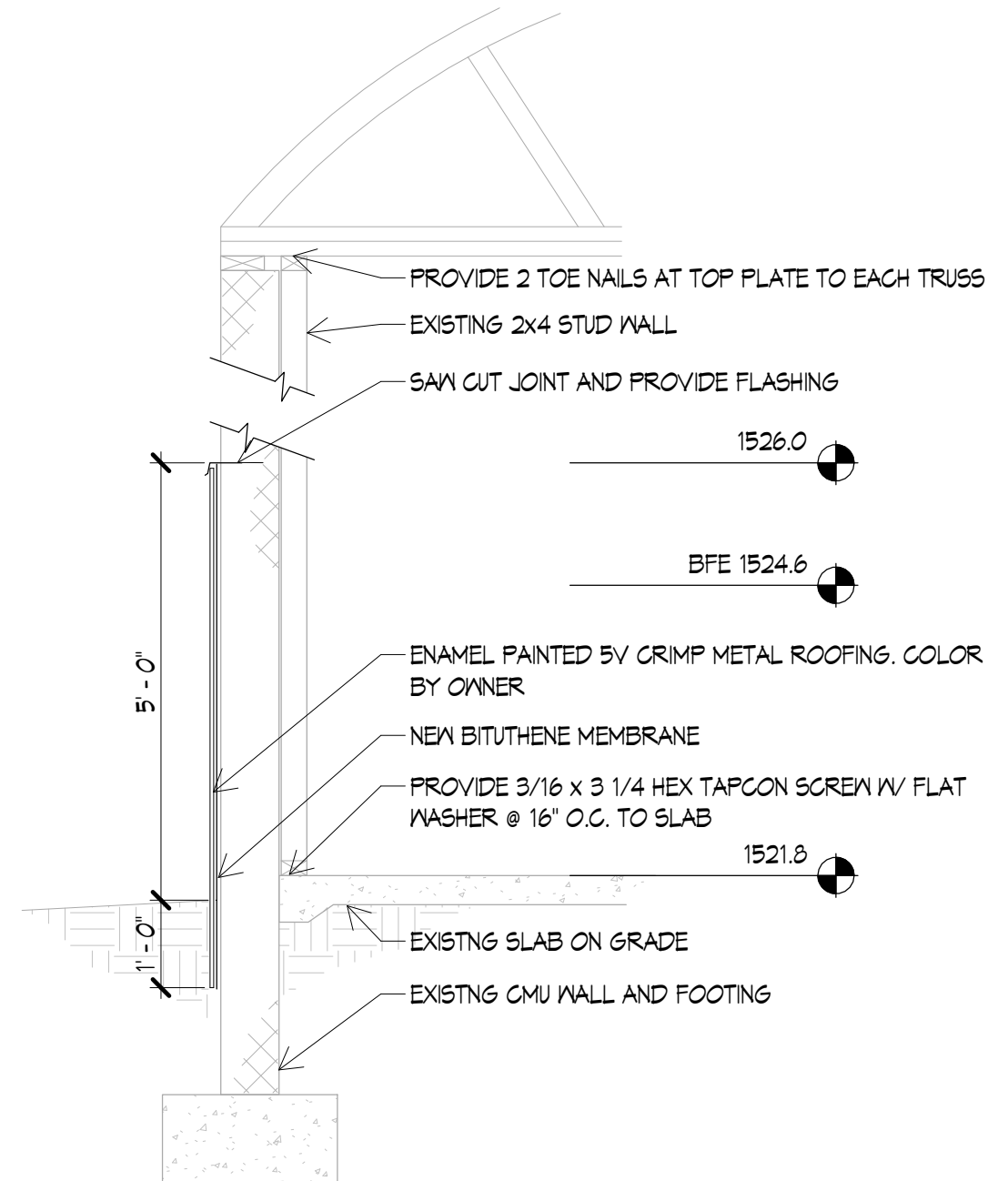
NORTH STAR BOWL
 L&S INC.
 179 ROUTE 100 NORTH
 WILMINGTON, VT 05363

FIRST FLOOR PLAN		A100
Project number	11-105	
Date	MAY 2, 2013	
Revised:	MAY 20, 2015	Scale 3/32" = 1'-0"

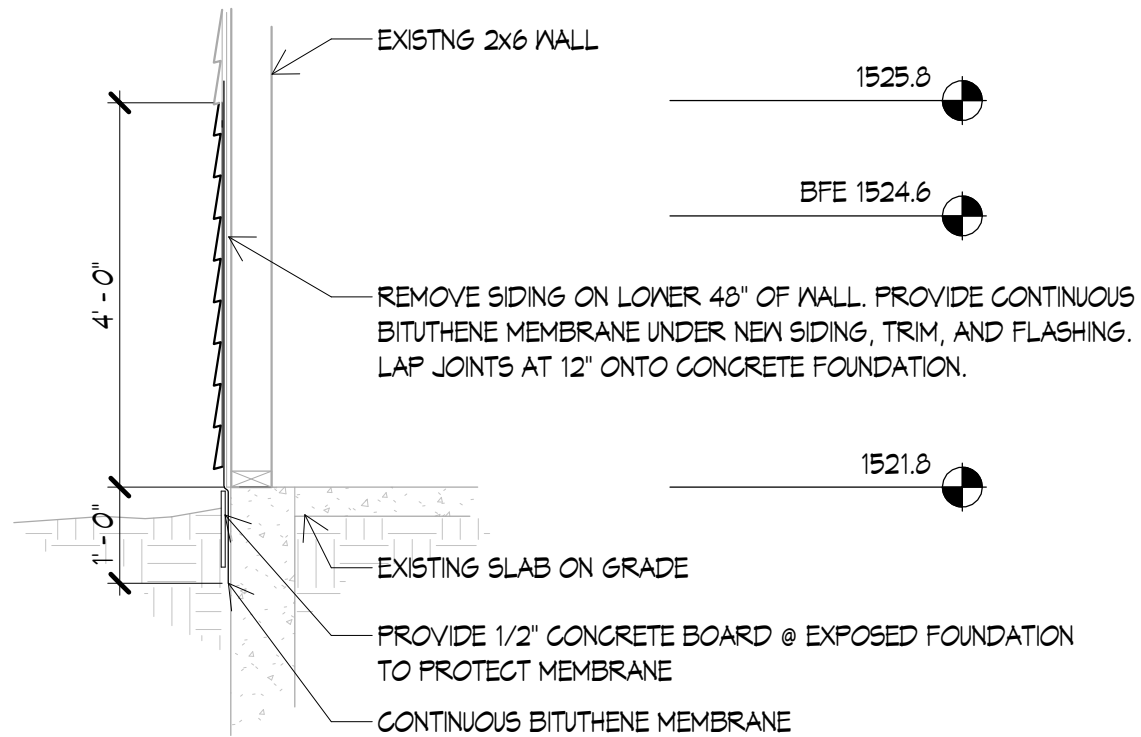
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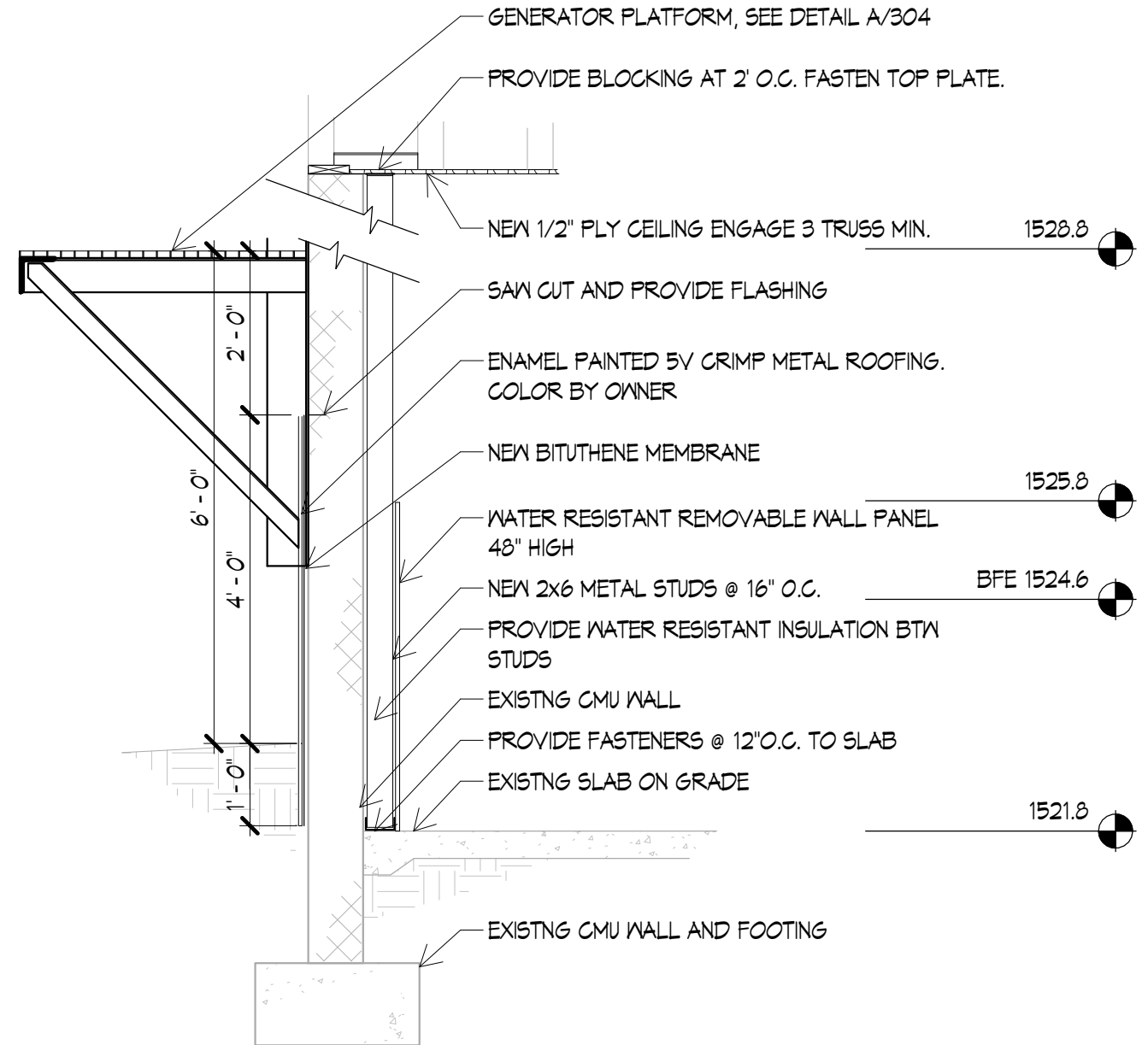
SECTION A-A
N.T.S.



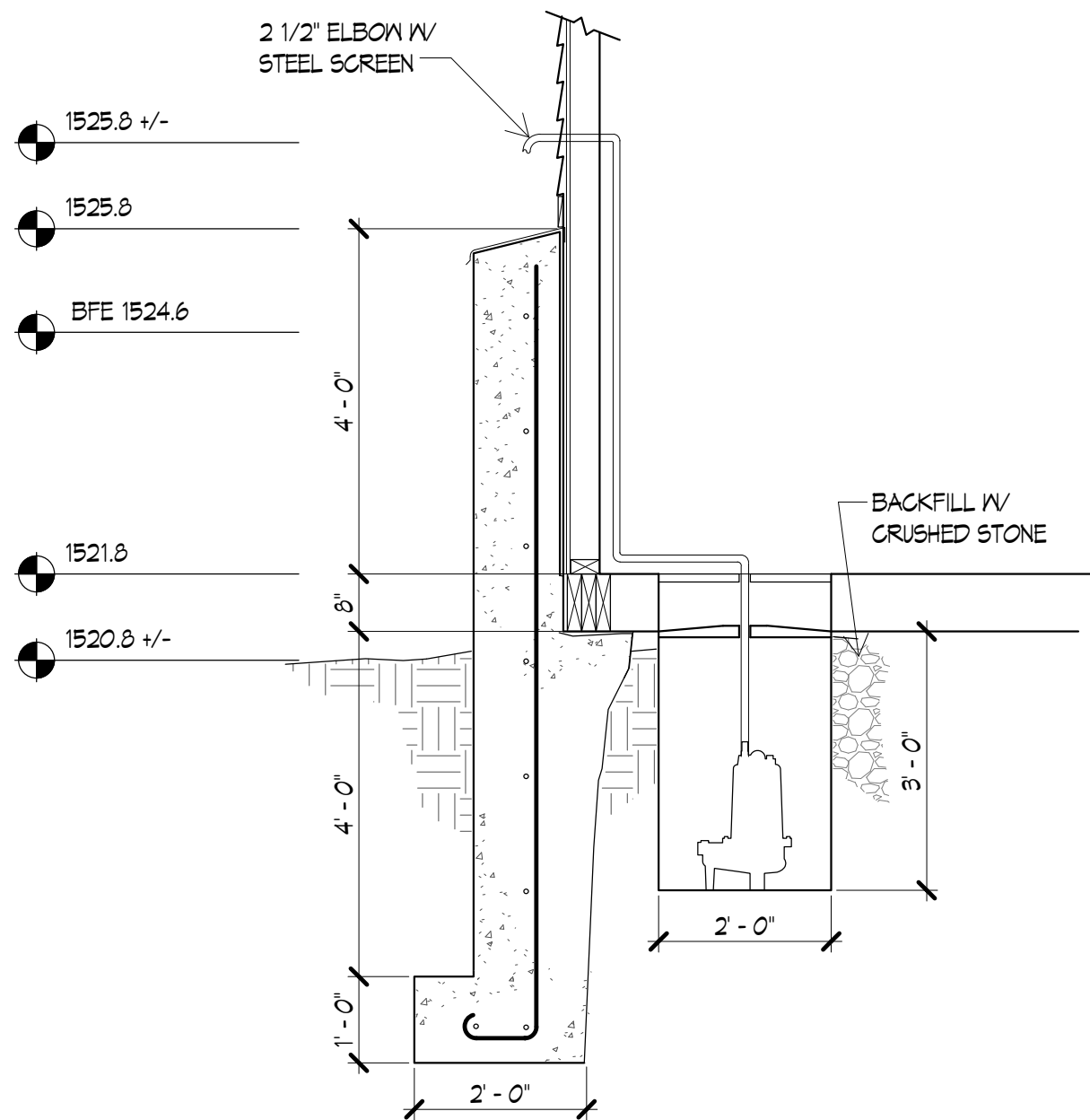
SECTION B-B
N.T.S.



SECTION C-C
N.T.S.



SECTION D-D
N.T.S.



TYP PUMP PROFILE

N.T.S.

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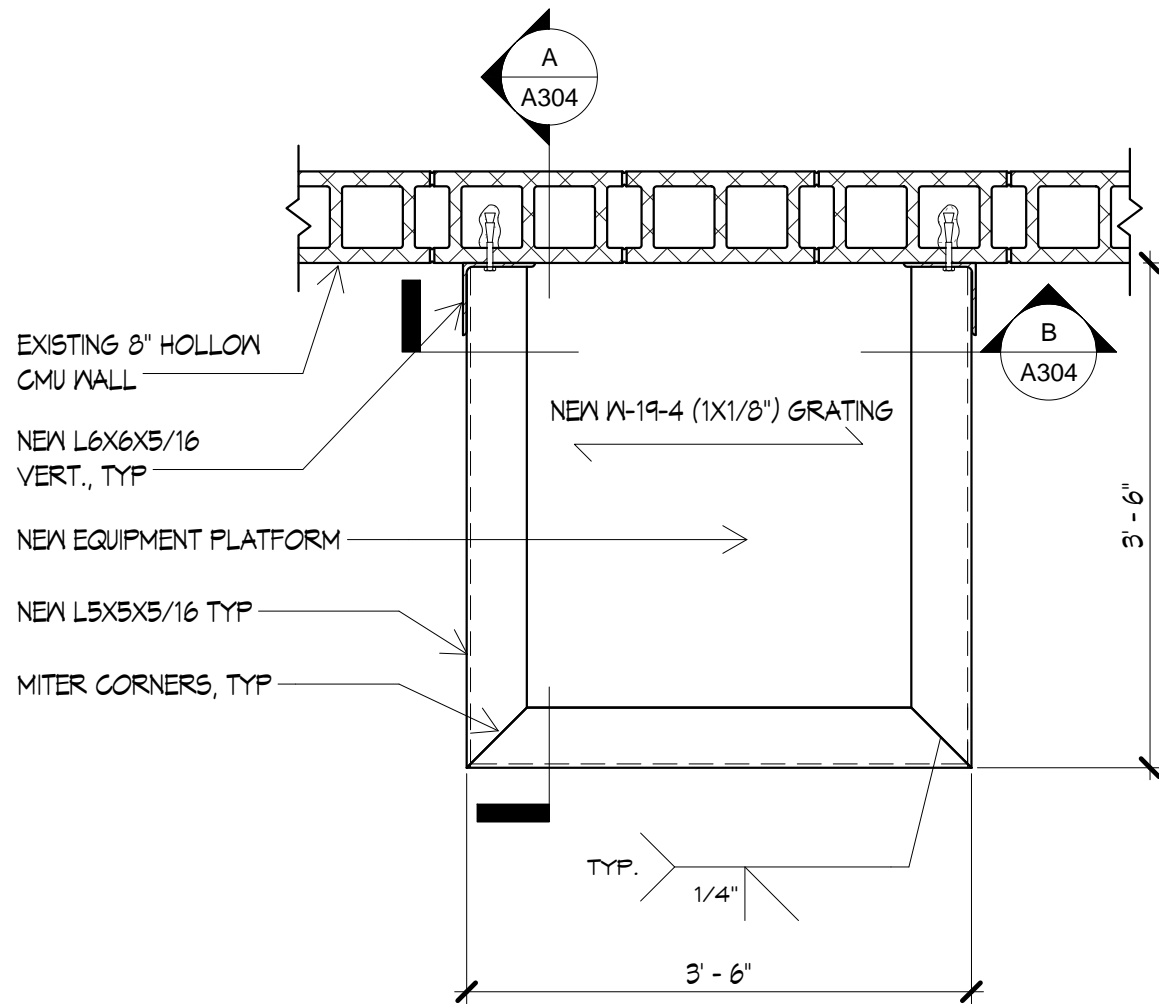


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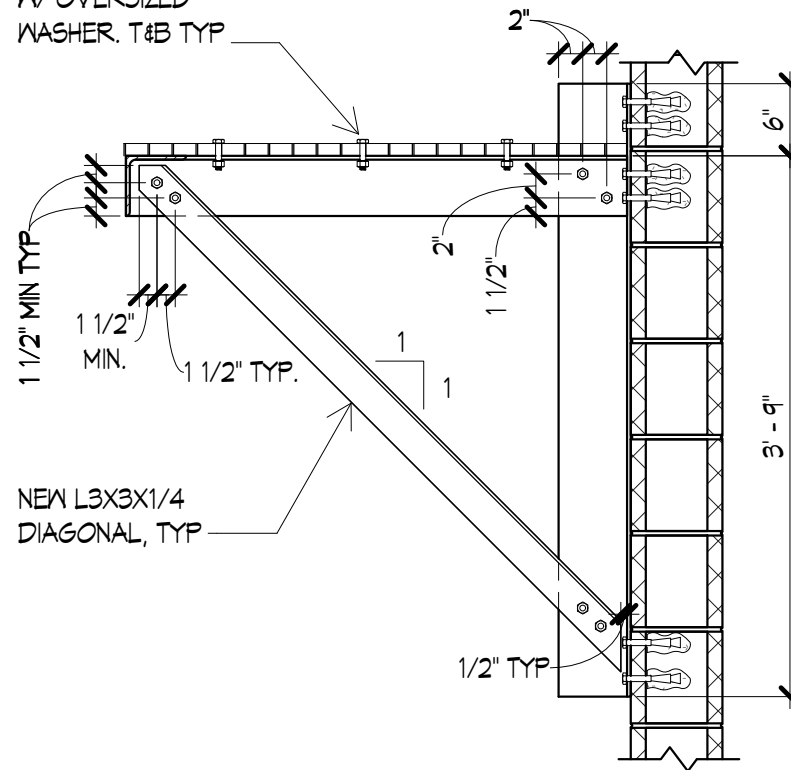
DETAILS		A303
Project number	11-105	
Date	MAY 2, 2013	
Revised:	MAY 20, 2015	Scale 1/2" = 1'-0"



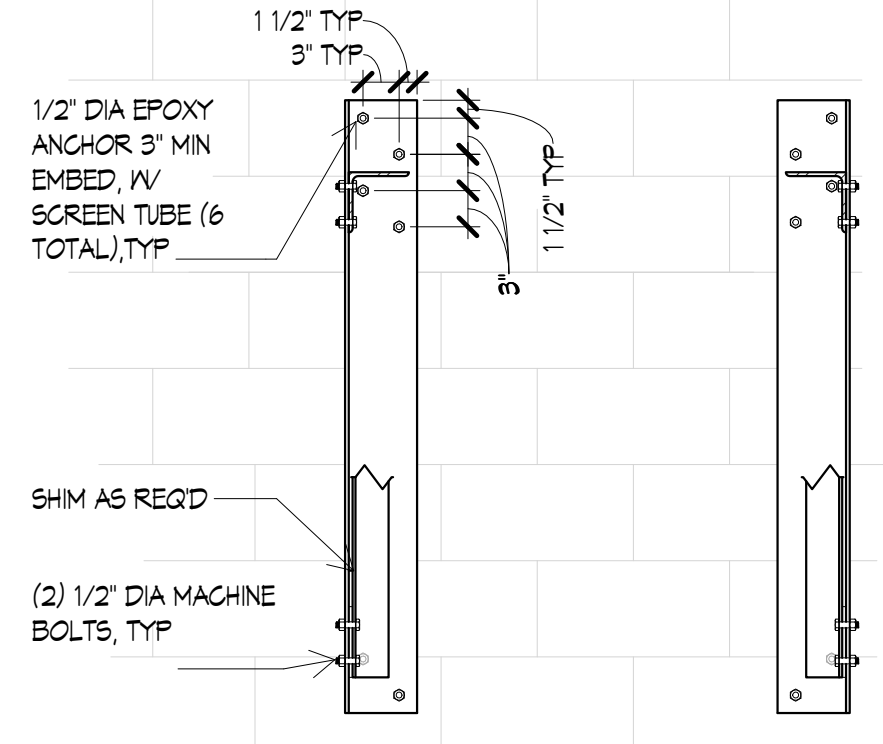
1 **STANDBY GENERATOR DETAIL**
 A304 3/4" = 1'-0"

- NOTE:
1. NEW EQUIPMENT SHALL BE DESIGN-BUILD BY ELECTRICIAN.
 2. MAXIMUM EQUIPMENT WT = 330 LBS.
 3. CONTRACTOR TO VERIFY EQUIPMENT WEIGHT & DIMENSIONS.
 4. FASTEN EQUIPMENT TO GRATING W/ 1/2" DIA MACHINE BOLTS W/ OVERSIZED WASHERS T&B, MINIMUM ONE AT EACH CORNER, FOUR TOTAL

PROVIDE 1/2" DIA
 MACHINE BOLTS @
 12" O.C. ALONG L5X5
 W/ OVERSIZED
 WASHER. T&B TYP



A **SECTION**
 A304 3/4" = 1'-0"



B **SECTION**
 A304 3/4" = 1'-0"

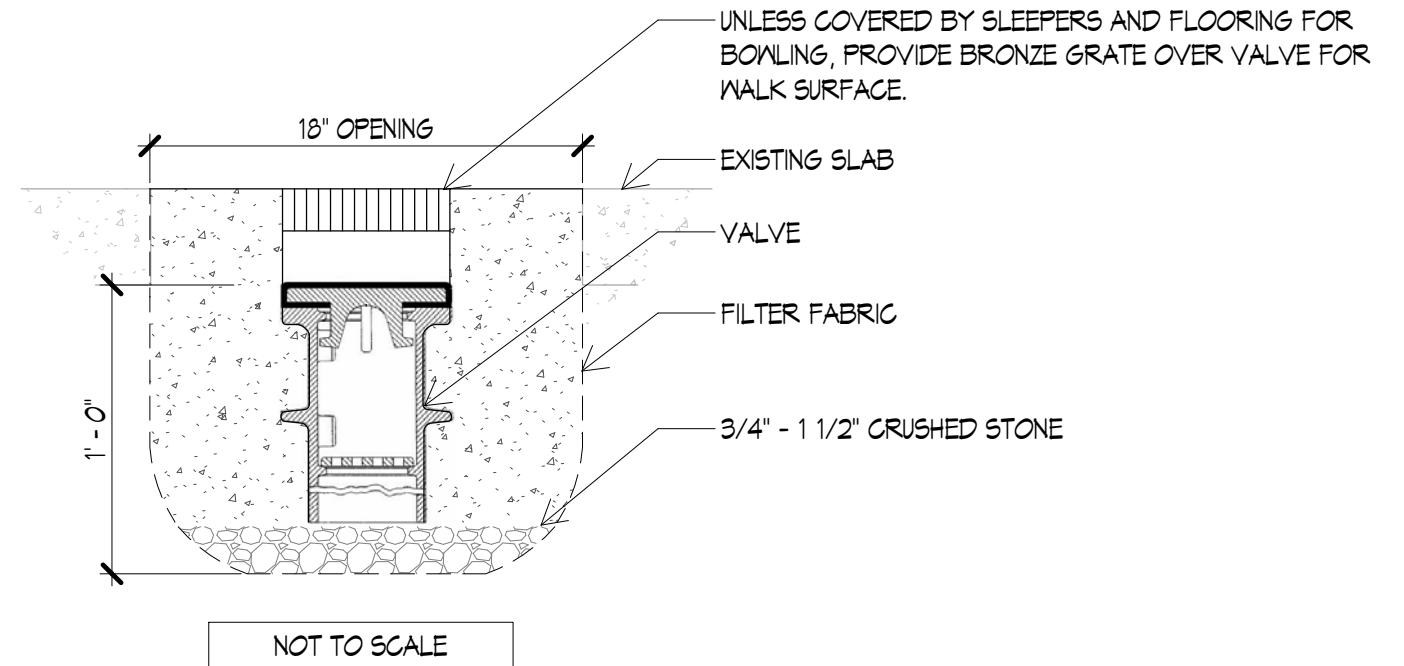
- NOTE:
1. GRATING NOT SHOWN FOR CLARITY.

GENERAL NOTES:

1. PROVIDE 48" HIGH ALUMINUM FLOOD SHIELD AT EACH EXTERIOR DOOR BY ZERO INTERNATIONAL OR EQUAL. PREFERRED INSTALLATION IS TO PERMANENTLY STORE THE SHIELD NEXT TO EACH DOOR.
2. CORE AND INSTALL 16 - 4" HYDROSTATIC PRESSURE RELIEF VALVES BY KENNEDY VALVE F-1493 INTO FLOOR SLAB. (SEE DETAIL SHEET A400)
3. PROVIDE PROPANE STANDBY GENERATOR ON REAR PLATFORM WITH GFI CIRCUIT FOR SUMP PUMPS AT 6' ABOVE GRADE.
4. WINDOW SILLS TO BE AT MIN. 48" ABOVE MAIN FLOOR LEVEL. MODIFY SILLS TO COMPLY AS NECESSARY.
5. PROVIDE WATERSTOP IN VERTICAL JOINT AT BUILDING AND INTEGRATE W/ WALL MEMBRANE.
6. PROVIDE WATER PROOF MEMBRANE 48" ABOVE FIRST FLOOR AND LAPPED 6 INCHES OVER CONCRETE FOUNDATION WALL, EXTENDING UNDER EXISTING SIDING OR NEW METAL SIDING. PRODUCT - GRACE BITUTHENE 3000 OR BITUTHENE LOW TEMPERATURE DEPENDING ON TEMPERATURE AT APPLICATION. PROVIDE ROOF MEMBRANE TERMINATION BAR AT CONCRETE EDGE WITH TYPICAL SCREW FASTENERS AND CAULKING. T-BAR TO HAVE 1/2" THERMAL BREAKS EVERY 10 FEET AND CAULK OVER SCREWS. FASTEN FLOOD SHIELD MOUNTING BRACKETS AND THRESHOLD THROUGH THE MEMBRANE AT DOORWAYS.
7. PROVIDE SUMP WITH 2 - MYERS WNR20H 2 HP SUBMERSIBLE PUMPS AT 100 GPM EACH. DISCHARGE TO SITE 6' ABOVE GRADE. INSTALLATION CAN BE SIMPLEX WITH INDEPENDENT PIPING FOR EACH PUMP. DISCHARGE TO BE METAL PIPE THROUGH THE OUTSIDE WALL. PROVIDE START PUMP FLOAT AT 6" ABOVE FIRST FLOOR. COORDINATE WITH ELECTRICIAN FOR PHASE AND POWER REQUIREMENTS. PROVIDE JACKEL SF24X36 UNDER SEWAGE BASIN UNDER FLOOR IN KITCHEN. CONSTRUCT FLOOR HATCH FOR ACCESS.

8. PROVIDE MANUFACTURED HOLD DOWN STRAPPING CONNECTED TO REINFORCED SLAB TO PREVENT TANK FLOTATION FOR PROPANE TANKS.
9. PROVIDE GATE VALVES ON ALL SANITARY AND DRAIN PIPING THAT PENETRATES THE BUILDING.
10. COMPLY WITH FEMA 348 PROTECTING BUILDING UTILITIES FOR OTHER UTILITIES IN THE BUILDING. IN GENERAL ELEVATE ALL MECHANICAL AND ELECTRICAL EQUIPMENT ABOVE DESIGN FLOOD ELEVATION AND PROTECT COMPONENTS BELOW FROM INFILTRATION AND FLOTATION.
11. COMPLY WITH FEMA 2-93 FLOOD RESISTANT MATERIALS FOR LOWER 12' OF CONSTRUCTION AND TO THE DEGREE PRACTICABLE THE FIRST FLOOR UP TO DESIGN FLOOD ELEVATION.
12. OWNER TO TEST FLOOD PROOFING MEASURES ON AN ANNUAL BASIS TO ENSURE MECHANICAL EQUIPMENT IS FUNCTIONING, VALVES ARE WORKING AND FLOOD SHIELDS ARE ABLE TO BE INSTALLED.

HYDROSTATIC RELIEF VALVE DETAIL



VALVENOTES:

1. SAW CUT EXISTING SLAB, 18" x 18" OPENING.
2. EXCAVATE 12" DEEP AND INSTALL FILTER FABRIC AND CRUSHED STONE.
3. CAST IN PLACE CONCRETE AROUND RELIEF VALVE AND BALCO BMLG-8-5 GRATE AND FLOOR DRAIN FRAME.
4. TAKE SPECIAL CARE TO ENSURE VALVE CAN FULLY OPEN WITHOUT HITTING GRATE.

GENERAL NOTES

Project number 11-105
 Date MAY 2, 2013
 Revised: MAY 20, 2015

A400

Scale 1 1/2" = 1'-0"