

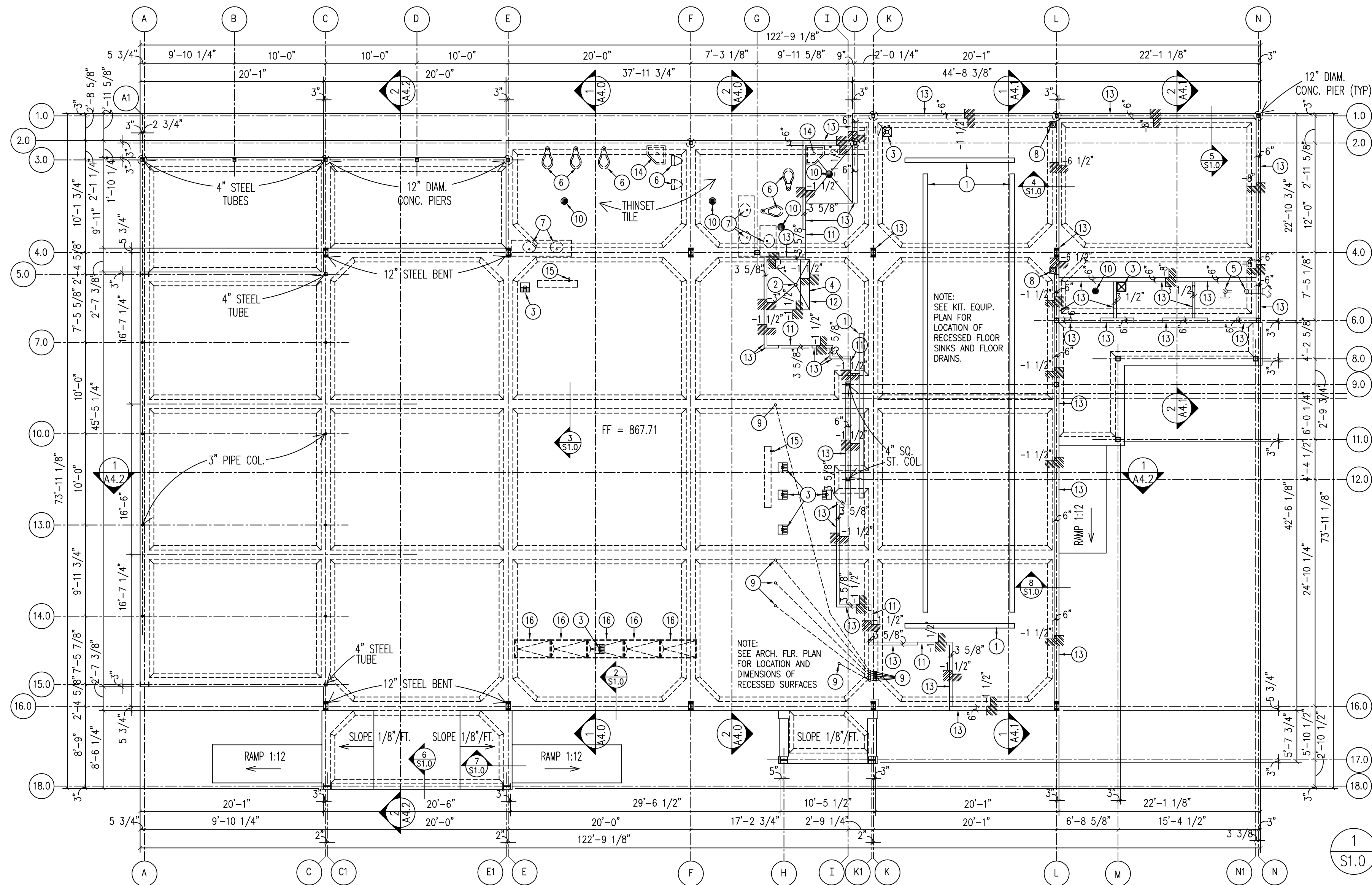
GENERAL NOTES:

CONCRETE/REINFORCING:

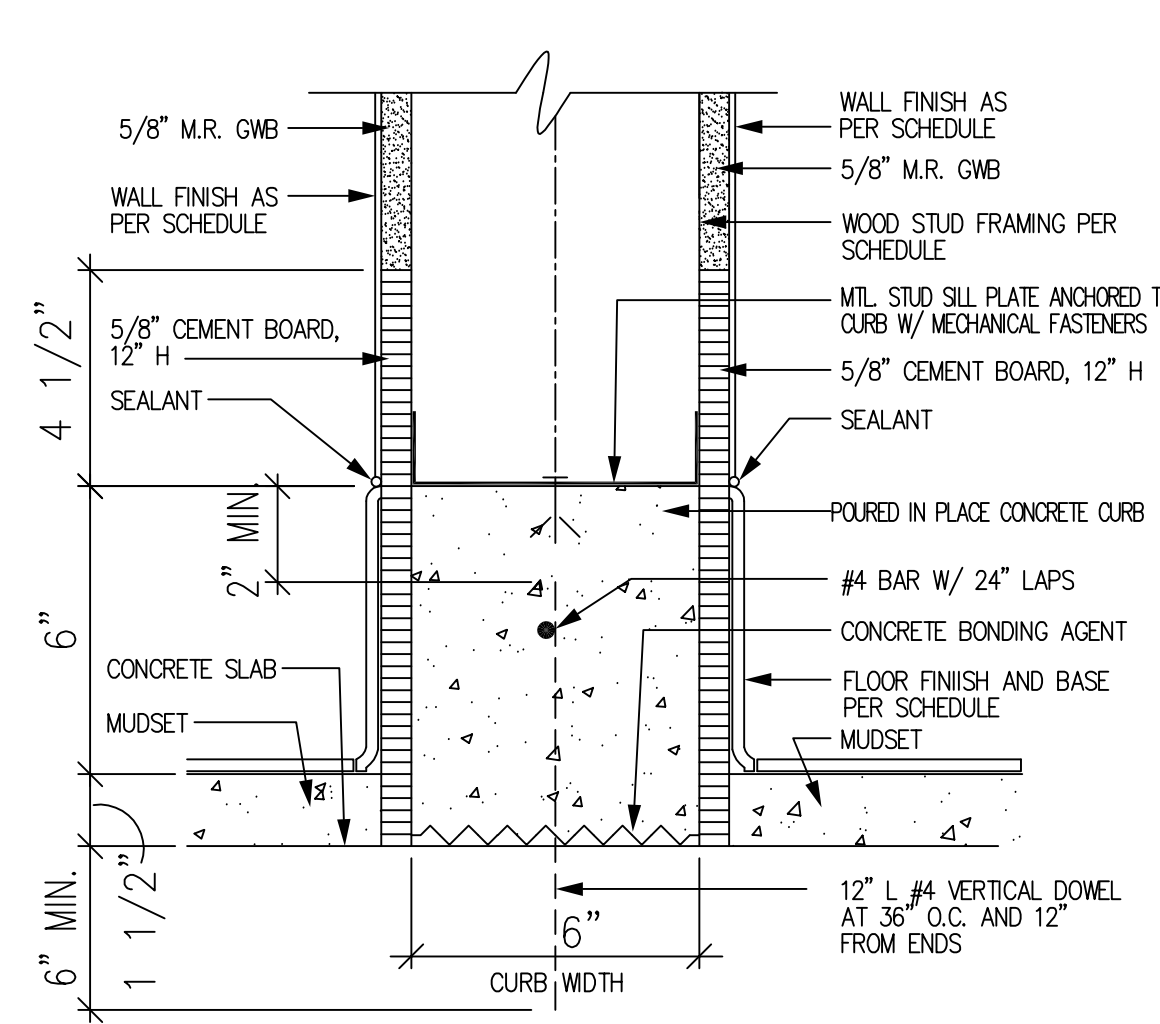
- CR-1 ALL CONCRETE SHALL TEST 3000 PSI AT 28 DAYS AND SHALL BE IN ACCORDANCE WITH ACI 301. TESTING SHALL BE THE SOLE RESPONSIBILITY OF THE BUILDER AND ANY SUBSTANDARD STRENGTHS SHALL BE REPORTED TO THE ARCHITECT AND THE ENGINEER.
- CR-2 FLYASH SHALL NOT EXCEED 20 PERCENT.
- CR-3 THERE SHALL BE NO HORIZONTAL CONSTRUCTION JOINTS IN CONCRETE POURS EXCEPT WHERE SHOWN ON DETAILS.
- CR-4 BAR SUPPORT ACCESSORIES SHALL BE PROVIDED IN ACCORDANCE WITH THE LATEST ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES, EXCEPT THAT BEAM REINFORCING SHALL BE SUPPORTED ON BEAM BOLSTERS SPACED NOT MORE THAN 4 FEET ON CENTER. BAR SUPPORTS FOR CONCRETE EXPOSED TO VIEW SHALL HAVE PLASTIC COATED LEGS OR BE HOT DIP GALVANIZED AFTER FABRICATION. DO NOT USE HALF BRICKS OR BAR SUPPORTS.
- CR-5 MECHANICAL AND ELECTRICAL CONDUIT IN SLABS SHALL RUN UNDER TOP LAYER OF SLAB REINFORCING. PROVIDE A MINIMUM OF 1-1/2" CLEAR BETWEEN CONDUITS AND BETWEEN REINFORCING AND ADJACENT CONDUITS PARALLEL TO REINFORCING. IF MAXIMUM SIZE OF CONDUIT EXCEEDS ONE THIRD OF THE SLAB DEPTH, ADDITIONAL FRAMING OR REINFORCING MAY BE NECESSARY.
- CR-6 WHERE SHOWN ON THE DETAILS, HCA STANDS FOR HEADED CONCRETE ANCHORS. ANCHORS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A108, GRADES 1010, 1015, 1017, OR 1020. STUDS SHALL BE AUTOMATICALLY END WELDED IN THE SHOP OR FIELD IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. REMOVE CERAMIC FERRULE PRIOR TO PLACING CONCRETE.
- CR-7 WHERE EXPANSION BOLTS (EXP. BOLT) ARE SHOWN, THEY SHALL BE HILTI KWIK BOLT III OR APPROVED EQUAL. ALL ANCHORS SHALL BE ZINC PLATED MEETING THE REQUIREMENTS OF ASTM B633. EXPANSION ANCHORS SHALL BE INSTALLED USING MINIMUM DEPTHS, EDGE DISTANCES AND SPACING (UNLESS OTHERWISE NOTED), AS RECOMMENDED BY THE ANCHOR MANUFACTURER AND SHALL BE TIGHTENED TO THE TORQUE REQUIREMENTS OF THE MANUFACTURER.
- CR-8 ALL REINFORCING STEEL SHALL BE GRADE 60 AND SHALL CONFORM TO THE ASTM SPECIFICATION A615. DETAILING OF REINFORCING STEEL SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE DETAILING MANUAL. LAP CONTINUOUS UNSCHEDULED REINFORCING BARS 40 BAR DIAMETERS AT SPLICES. ALL REINFORCING STEEL TO BE WELDED SHALL CONFORM TO ASTM SPECIFICATION A706. TIE WIRE SHALL BE 18 GAGE ANNEALED TYPE.
- CR-9 PROVIDE 1-#6 x 4'-0" L-SHAPED BAR TOP AND BOTTOM OF EXTERIOR FACE OF GRADE BEAMS AND SPANDREL BEAMS AT CORNERS.
- CR-10 REINFORCING STEEL COVERAGE SHALL BE AT GRADE BEAMS 1-1/2" TOP, 3" BOTTOM, 3" SIDES.
- CR-11 SLAB REINFORCING SHALL BE CENTERED IN CONCRETE SLAB THICKNESS.
- CR-12 PROVIDE "Z" TRANSITION BARS (SAME SIZE AS BEAM REINFORCEMENT) WHERE BEAM SOFFIT STEP DOWN ARE GREATER THAN 6 INCHES.
- CR-13 CONCRETE SHALL BE PLACED AND CURED IN ACCORDANCE WITH ACI 302.1R. FINISH TOLERANCE SHALL BE IN ACCORDANCE WITH ACI 117.
- CR-14 CONSTRUCT FORMWORK TO MAINTAIN TOLERANCES OUTLINES IN ACI 347.
- CR-15 FORMWORK SHALL EXTEND A MINIMUM OF 6 INCHES BELOW FINISHED GRADE AT PERIMETER.
- CR-16 VAPOR BARRIER SHALL BE 10 MIL POLYETHYLENE FILM FOR BELOW GRADE APPLICATION. VAPOR BARRIER SHALL BE CONTINUOUS WITH JOINTS LAPPED 12 INCHES.

KEYED NOTES:

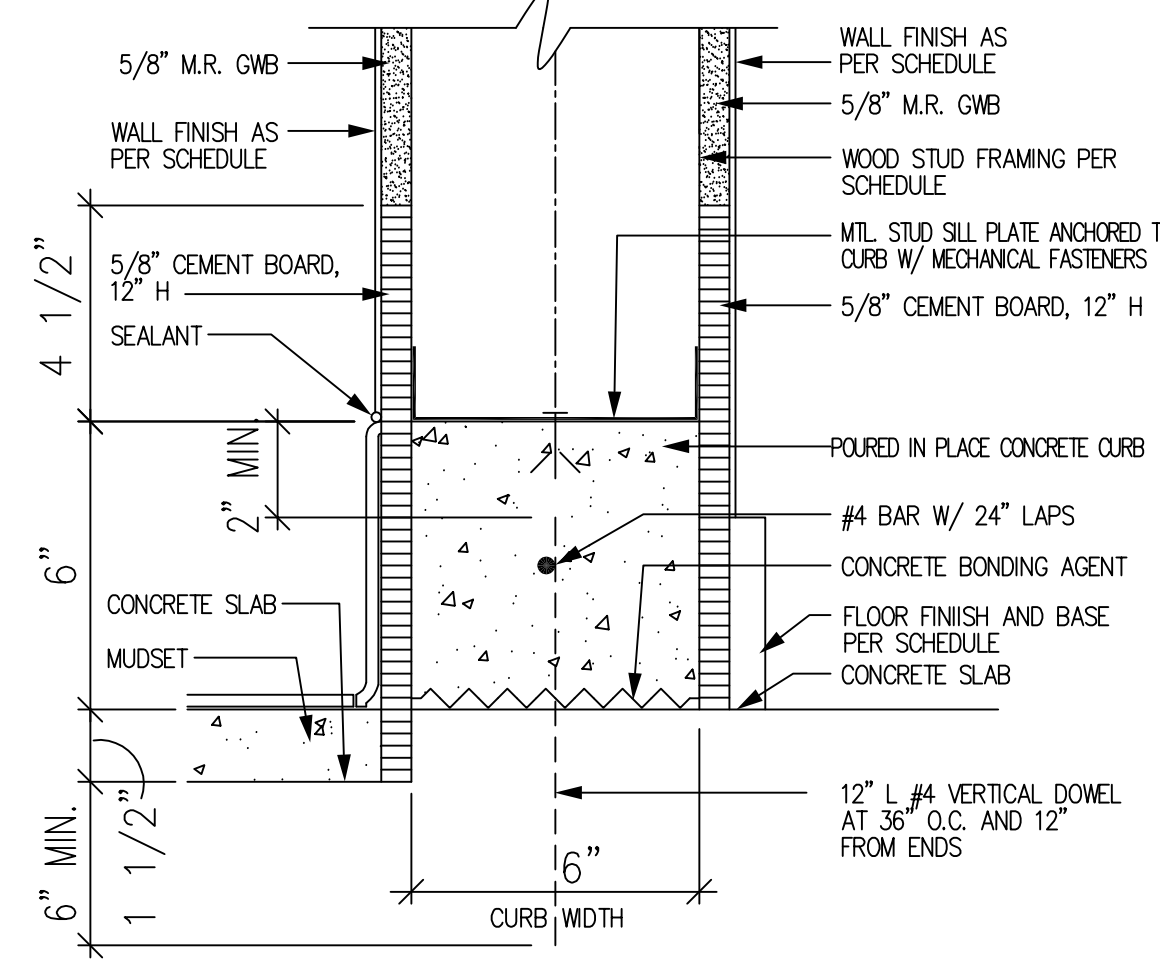
- 1 TRENCH DRAIN W/ NON-SLIP GRATE
- 2 HUB DRAIN
- 3 FLOOR SINK
- 4 FLOOR TRENCH DRAIN W/ GRATE
- 5 FIRE SPRINKLER SYSTEM RISER
- 6 WALL HUNG TOILET AND URINAL FIXTURES
- 7 LAVATORY FIXTURES
- 8 FUNNEL FLOOR DRAIN
- 9 1" UNDERSLAB CONDUIT FOR NETWORK CABLING
- 10 FLOOR DRAIN W/ ROUND GRATE
- 11 EDGE OF MUDSET SLAB DEPRESSION
- 12 EDGE OF ICE MACHINE SLAB DEPRESSION
- 13 CONCRETE CURB
- 14 JANITOR SINK
- 15 WATER GLASS FILL FAUCET
- 16 MOBILE ICE BATH TUB DISPLAY



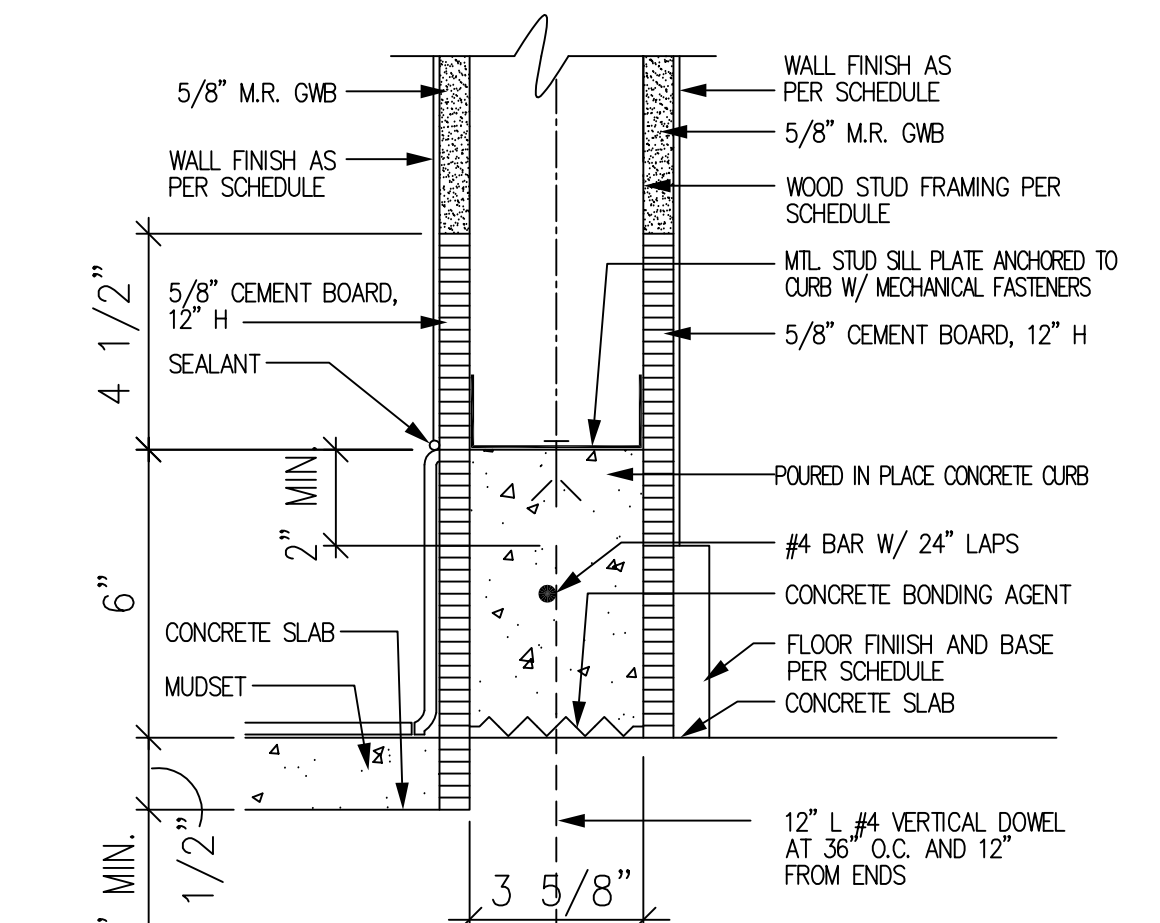
1 FOUNDATION PLAN
S1.0 SCALE: 1/8"=1'-0"



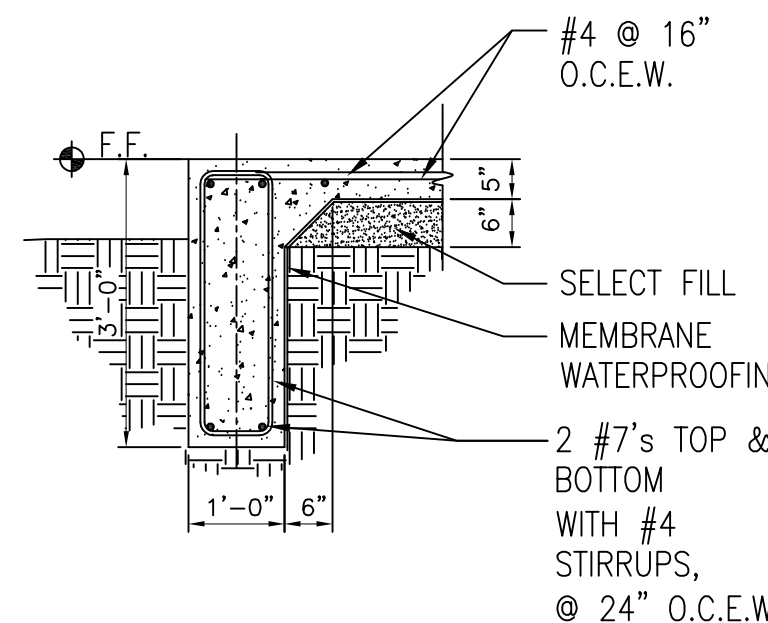
9 6" CONCRETE WALL CURB @ MUDSET DEPRESSION TWO SIDES
S1.0 SCALE: 3" = 1'-0"



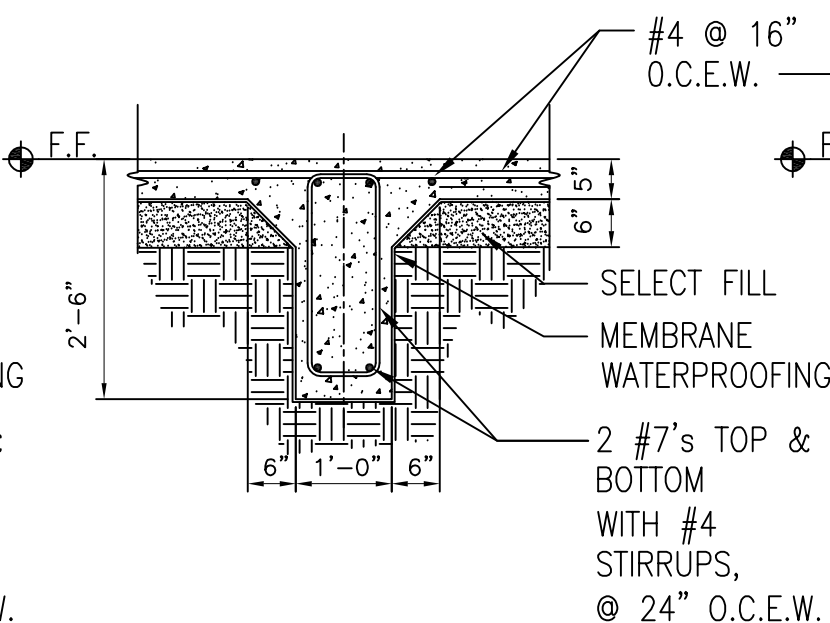
10 6" CONCRETE WALL CURB @ MUDSET DEPRESSION ONE SIDE
S1.0 SCALE: 3" = 1'-0"



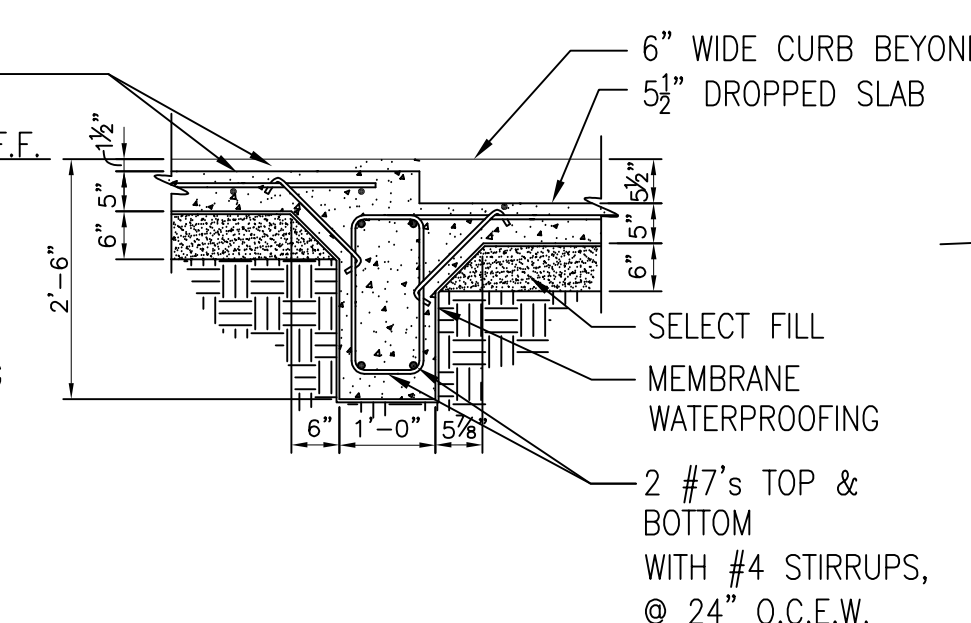
11 3 5/8" CONCRETE WALL CURB @ MUDSET DEPRESSION ONE SIDE
S1.0 SCALE: 3" = 1'-0"



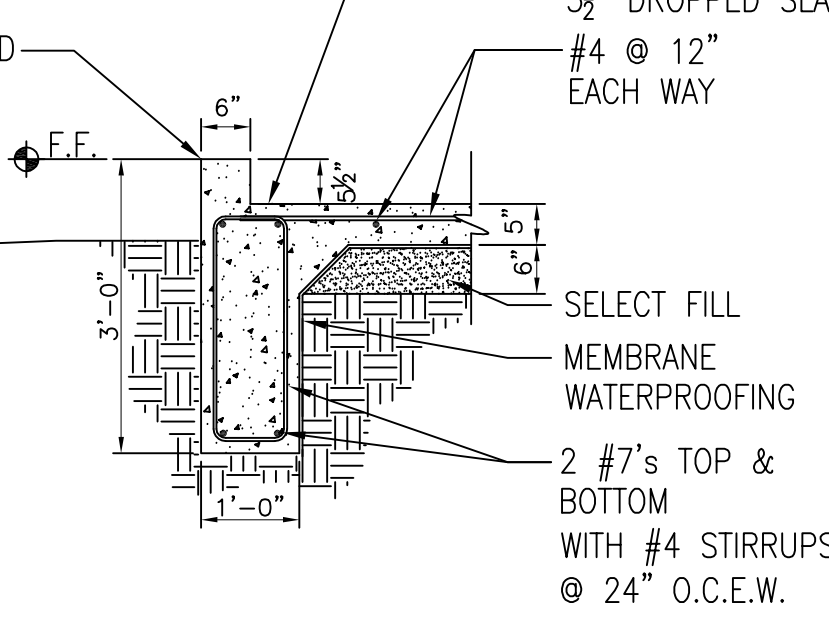
2 TYPICAL EXTERIOR BEAM
S1.0 SCALE: 1/2"=1'-0"



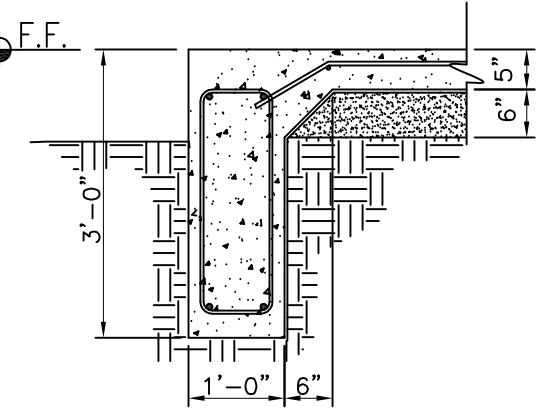
3 TYPICAL INTERIOR BEAM
S1.0 SCALE: 1/2"=1'-0"



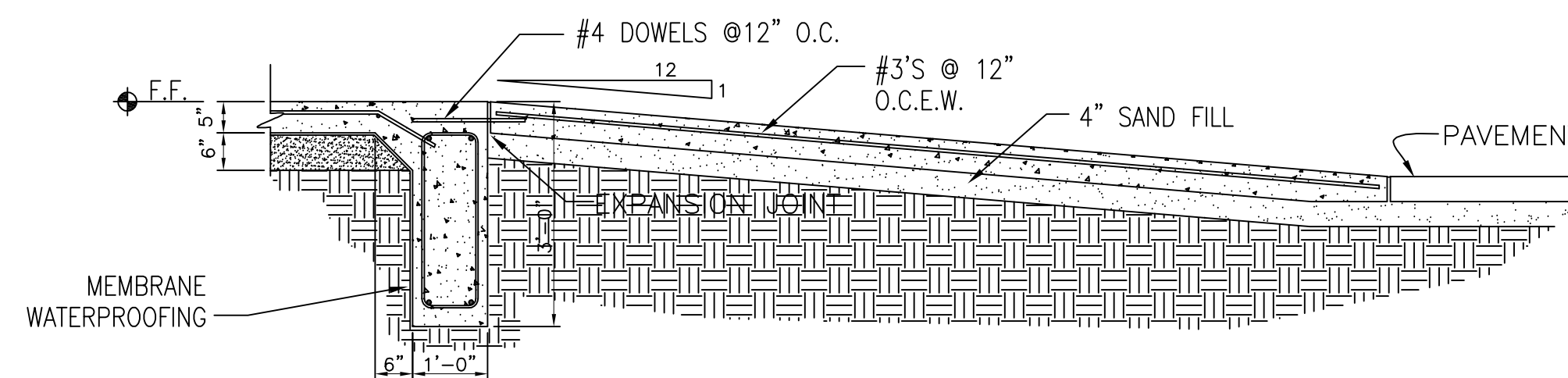
4 INTERIOR BEAM AT KITCHEN/FREEZER-COOLER
S1.0 SCALE: 1/2"=1'-0"



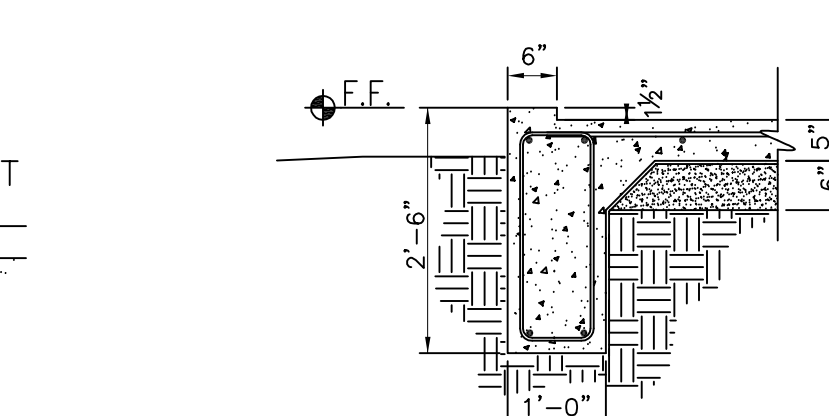
5 CURB AT FREEZER-COOLER
S1.0 SCALE: 1/2"=1'-0"



6 SECTION
S1.0 SCALE: 1/2"=1'-0"



7 CONCRETE RAMP
S1.0 SCALE: 1/2"=1'-0"



8 CURB AT KITCHEN SLAB RECESS
S1.0 SCALE: 1/2"=1'-0"

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REVISION	DATE	BY

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FEBRUARY 2011
PROJECT NO.
80813R

DRAWING TITLE

FOUNDATION PLAN

DRAWING NUMBER:

S1.0

Sheet ___ of ___