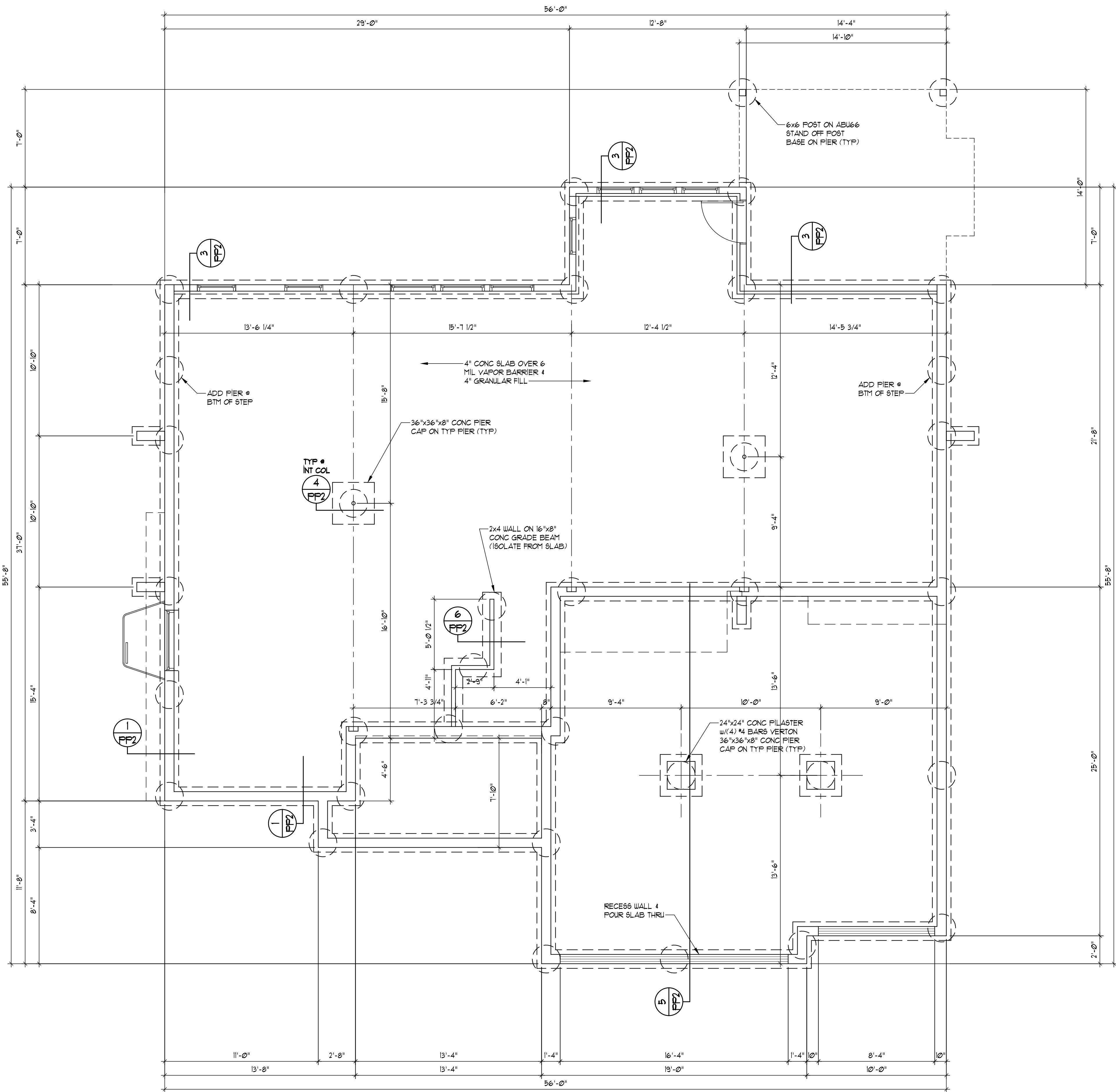
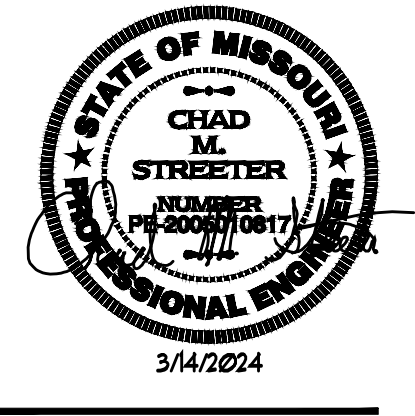


RELEASE FOR CONSTRUCTION
 AS NOTED ON PLANS REVIEW
 DEVELOPMENT SERVICES
 LEE'S SUMMIT, MISSOURI
 03/22/2024 4:06:37



- GENERAL PIER FOUNDATION NOTES:**
- ALL PIERS SHALL BE 24" Ø DRILLED PIER EXTENDED MIN 3'-0" INTO HARD CLAY OR 18" Ø DRILLED PIER TO BEAR ON LIMESTONE OR HARD SHALE.
 - ALL FOOTINGS ARE TO BE EXTENDED TO MIN 36" BELOW FINISHED GRADE.
 - FOR ALL CONC WALL OPENINGS, FOOTING & WALL STEPS, PROVIDE ONE #4 BAR, 48" LONG DIAGONALLY AS CLOSE AS PRACTICAL TO CORNER.
 - ALL REINFORCEMENT SHALL BE LAPPED A MIN OF 24" AT ENDS SPLICES AND AROUND CORNERS.
 - ANCHOR BOLTS ARE TO BE SPACED @ 36" WITH 1" MIN EMBED. A BOLT SHALL BE PLACED WITHIN 12" OF THE END OF EACH PLATE SECTION.
 - FASTEN JOISTS TO SILL PLATES WITH 3-8d COM NAILS. AT PERPENDICULAR JOIST CONDITION, PROVIDE 2x10 SOLID BLOCKING @ 32" FOR 3 JOIST SPACES. FASTEN TO SILL PLATE PER NOTE #2.
 - VAPOR BARRIER: 6 MIL PE VAPOR RETARDER WITH JOINTS LAPPED A MIN OF 6" BETWEEN SLAB & BASE.
 - DAMP PROOFING: ONE COAT (MIN) OF DAMP PROOFING OR EQUIVALENT FOUND MEMBRANE SHALL BE APPLIED TO EXTERIOR WALL SURFACES BELOW GRADE. SEAL TIE HOLES, VOIDS BEFORE APPLICATION.
 - FOUNDATION DRAIN: INSTALL CONT 4" PERFORATED PVC DRAIN TILE. DRAIN TILE TO BE EXTENDED TO GRADE OR BE CONNECTED TO MIN 24" DIA. OR 20" SQUARE SUMP PIT WHICH EXTENDS A MIN 24" BELOW BASEMENT FLOOR.
 - ALL FRAMING MEMBERS IN CONTACT WITH CONC SHALL BE TREATED LUMBER.
 - ALL STEEL FASTENERS (INCLUDING FOUND. ANCHOR BOLTS) ON ACC TO BE (DOUBLE HOT-DIPPED) GALVANIZED.
 - FLOOR SLAB PER ORIGINAL CONTRACT DRAWINGS.
 - REFER TO ORIGINAL CONTRACT DRAWINGS FOR WINDOW, WELL, DOORS, AND HOLD DOWN PLACEMENT.

HOUSE PIER COUNT: 36

| | |
|--------------|-----------|
| ISSUE DATE: | 3/14/2024 |
| PERMIT: | 3/14/2024 |
| REVISIONS: | |
| JOB NO.: | |
| DRAWN BY: | JUH |
| DESIGNED BY: | CM6 |

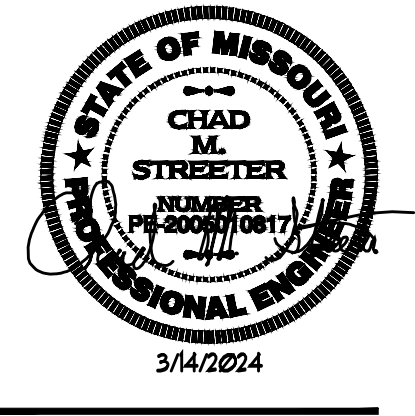
VAN DER ZEN & ASSOCIATES, P.A.
 1001 KING STREET, SUITE 100
 OVERLAND PARK, KS 66209
 (913) 451-6305 FAX (913) 451-1021
 LEIS PLAZA, 100 WASHINGTON, SUITE 200
 OVERLAND PARK, KS 66204
 EMAIL: VZ@VANDERZENASSOCIATES.COM
 Van Der Zen and Associates, P.A. © 2024

PIER PLAN FOR
 2155 SW HEARTLAND ROAD
 LEE'S SUMMIT, MO 64082
 THE RETREAT AT HOOK FARMS LOT 181

PIER PLAN
 SCALE: 1/4" = 1'-0"

SHEET NO. 001

001



ISSUE DATE:
PERMIT 3/14/2024
REVISIONS:

JOB NO:
DRAWN BY: JMH
DESIGNED BY: CHS

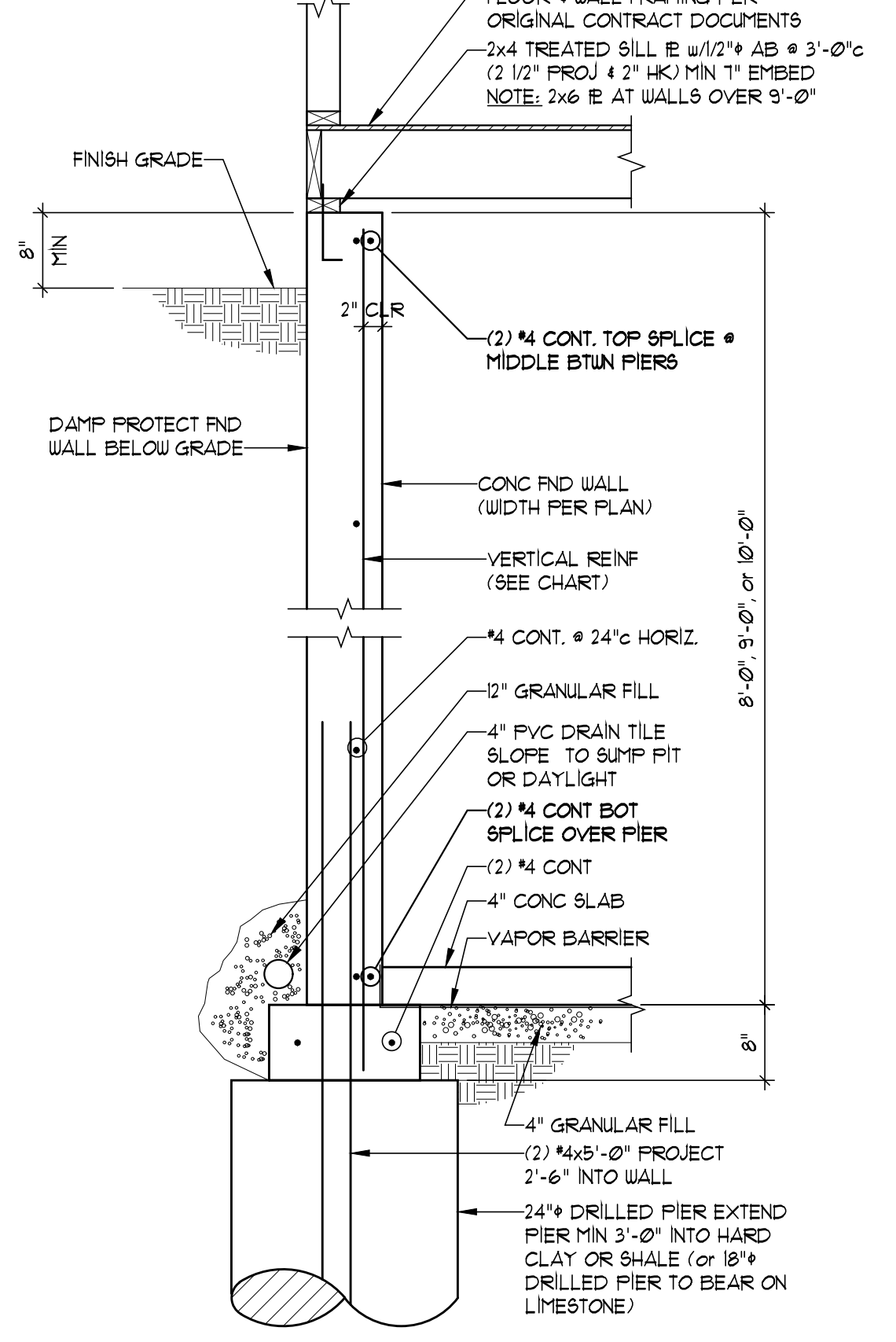
VAN DERZEE & ASSOCIATES, P.A.
1001 KING STREET, SUITE 100
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(913) 451-6300 FAX (913) 451-1071
LEES FARM SUBDIVISION, ARBORCORN
LEES FARM SUBDIVISION, ARBORCORN
EMAIL: CHAD@VANDERZEEENGINEERS.COM
Van Derzee and Associates, P.A. © 2024

PIER DETAILS FOR
2155 SW HEARTLAND ROAD
LEE'S SUMMIT, MO 64082
THE RETREAT AT HOOK FARMS LOT 181

SHEET NO:

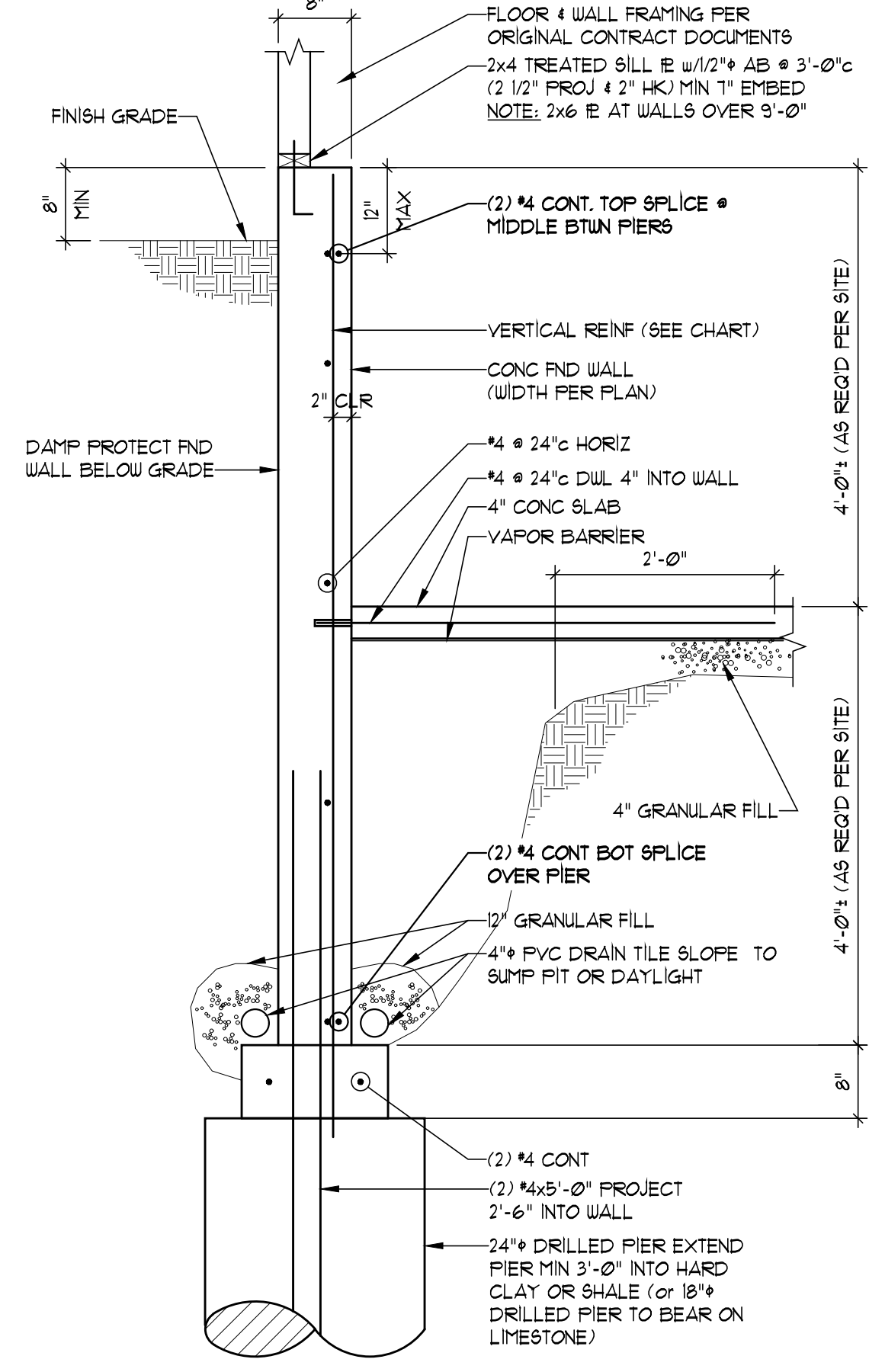
PP2

| VERTICAL REINF (#4 BARS - GRADE 40) | | | | | |
|-------------------------------------|---------|-----|----------|-----|-----|
| WALL HGT | 8" WALL | | 10" WALL | | |
| | 8" | 9" | 8" | 10" | |
| REINF SPACING | 16" | 12" | 24" | 16" | 12" |

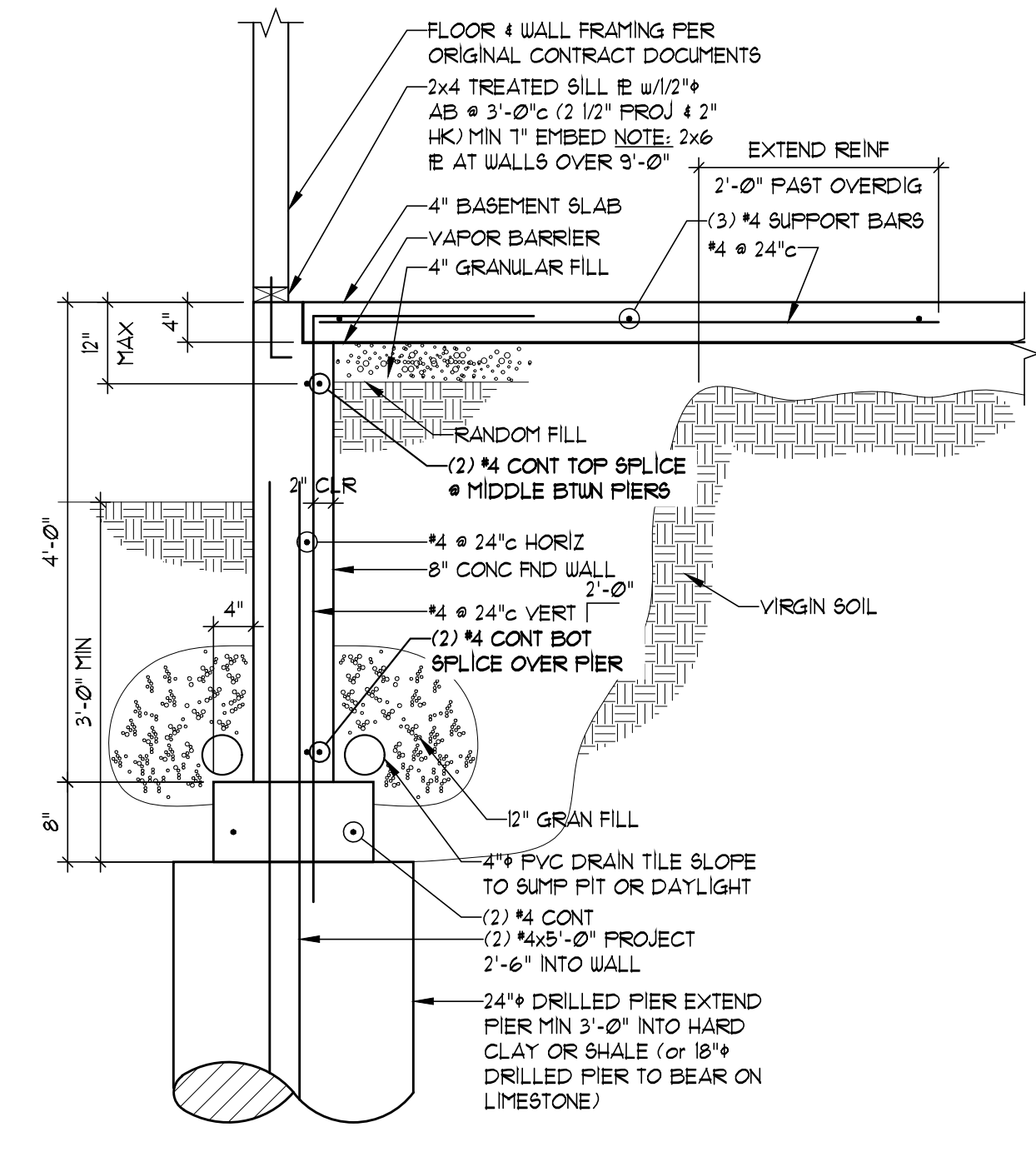


SECTION 1
SCALE: 3/4" = 1'-0" PP2

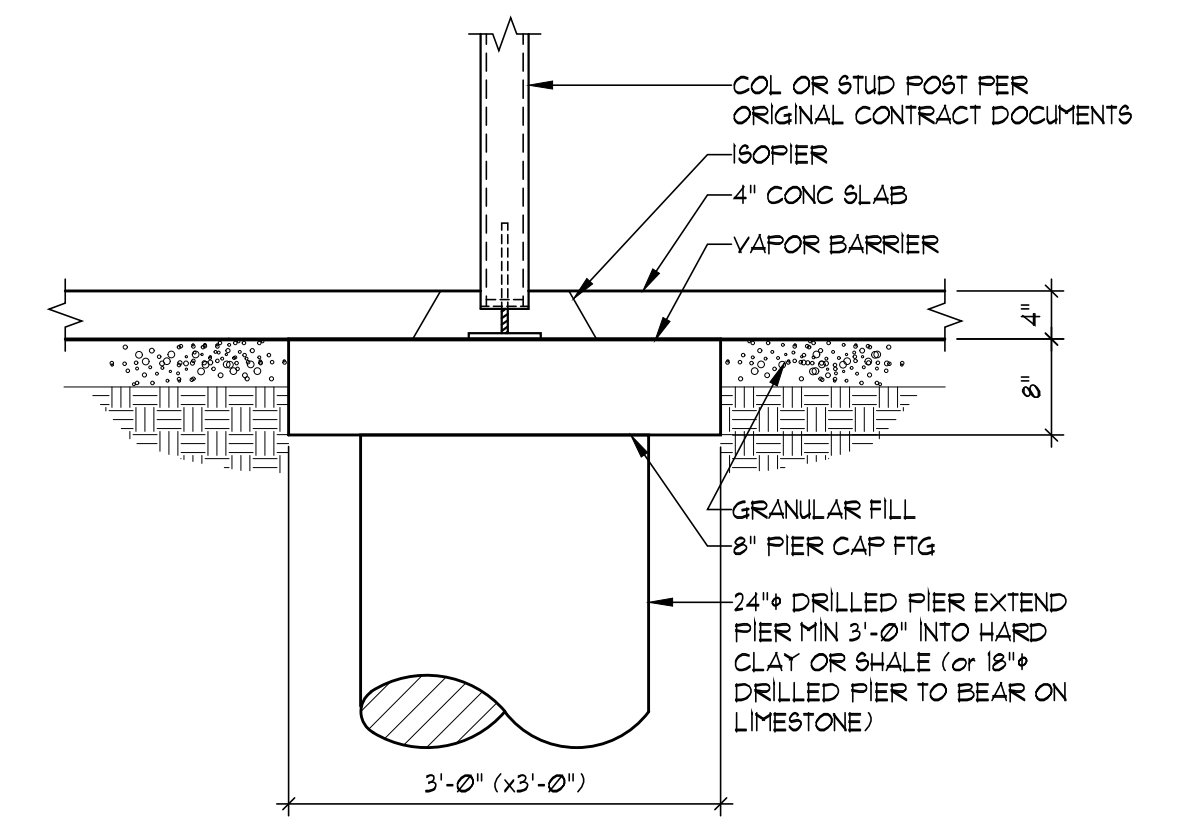
| VERTICAL REINF (#4 BARS - GRADE 40) | | | | | |
|-------------------------------------|---------|-----|----------|-----|-----|
| WALL HGT | 8" WALL | | 10" WALL | | |
| | 8" | 9" | 8" | 10" | |
| REINF SPACING | 16" | 12" | 24" | 16" | 12" |



SECTION 2
SCALE: 3/4" = 1'-0" PP2

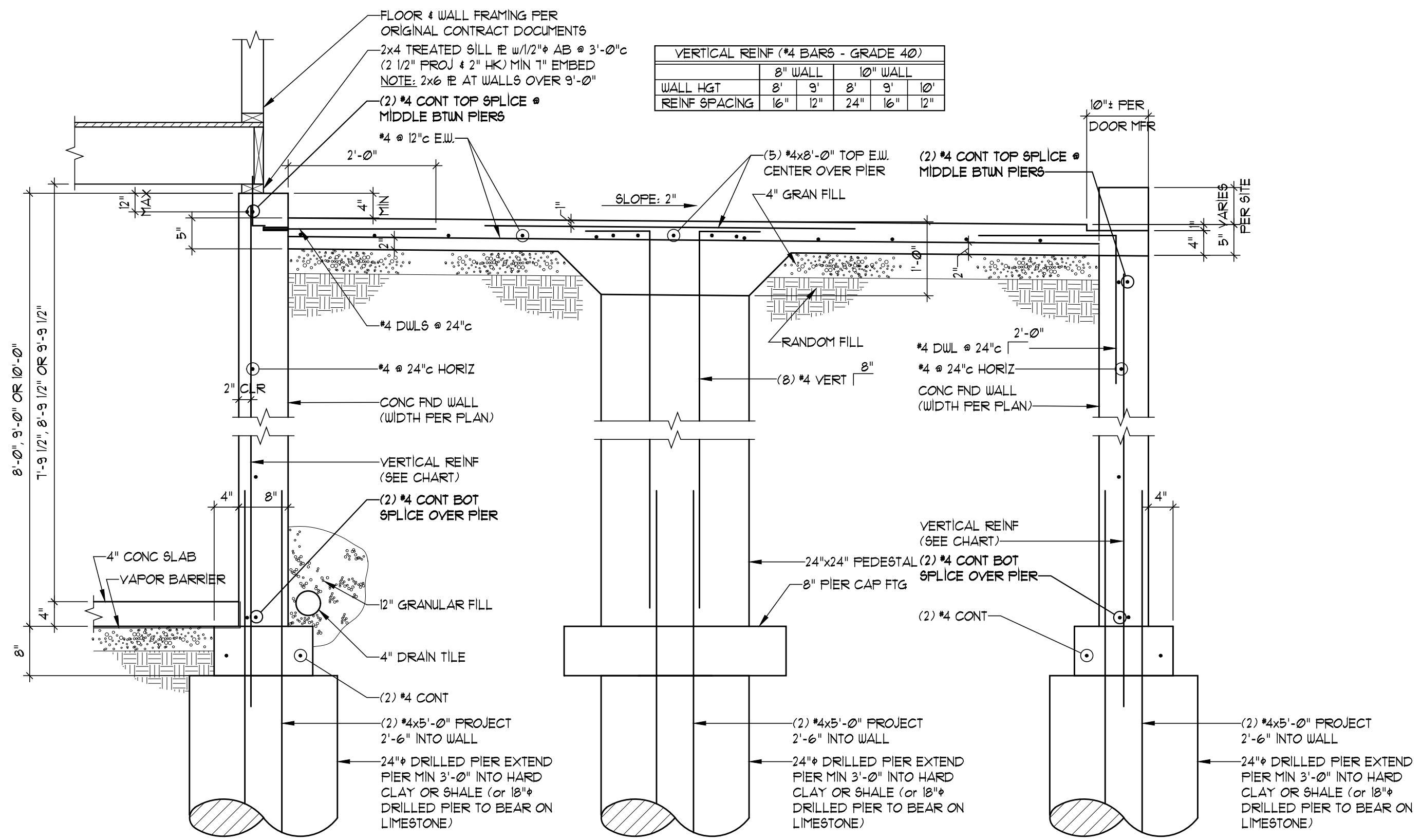


SECTION 3
SCALE: 3/4" = 1'-0" PP2

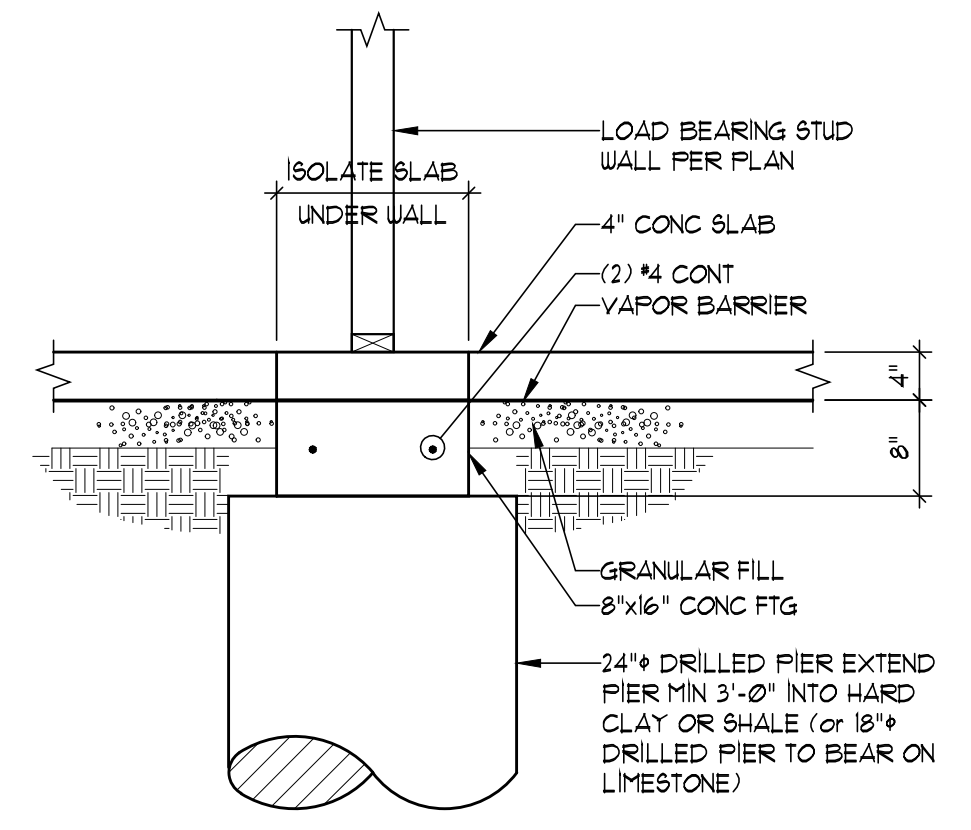


SECTION 4
SCALE: 3/4" = 1'-0" PP2

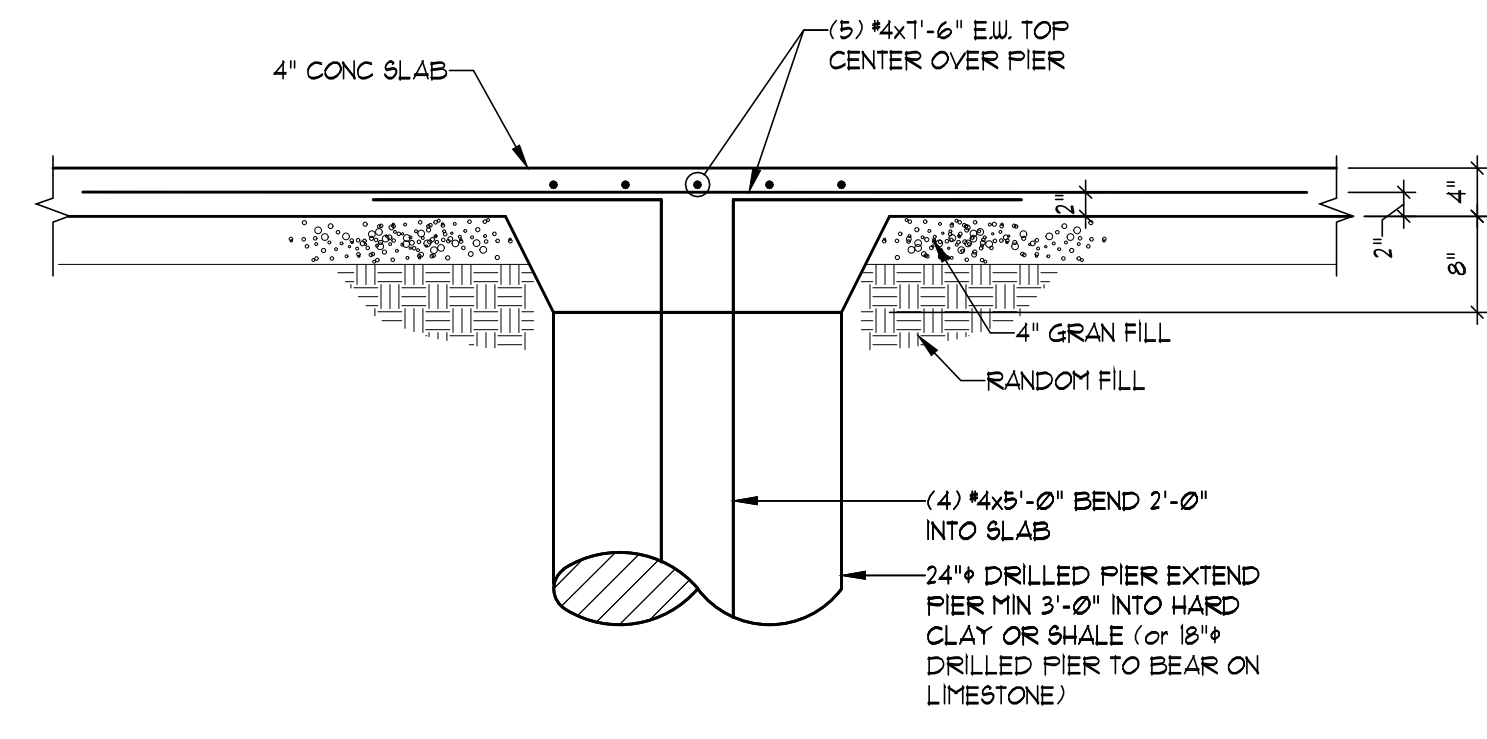
| VERTICAL REINF (#4 BARS - GRADE 40) | | | | | |
|-------------------------------------|---------|-----|----------|-----|-----|
| WALL HGT | 8" WALL | | 10" WALL | | |
| | 8" | 9" | 8" | 10" | |
| REINF SPACING | 16" | 12" | 24" | 16" | 12" |



SECTION 5
SCALE: 3/4" = 1'-0" PP2



SECTION 6
SCALE: 3/4" = 1'-0" PP2



SECTION 7
SCALE: 3/4" = 1'-0" PP2