

DO NOT SCALE THE DRAWINGS

THIS DRAWING HAS BEEN RELEASED TO THE OWNER IN ELECTRONIC FORMAT - THE SEALED AND SIGNED ORIGINAL OF THIS SHEET IS MAINTAINED AT THE OFFICE OF THE ARCHITECT MAR. 17, 2011

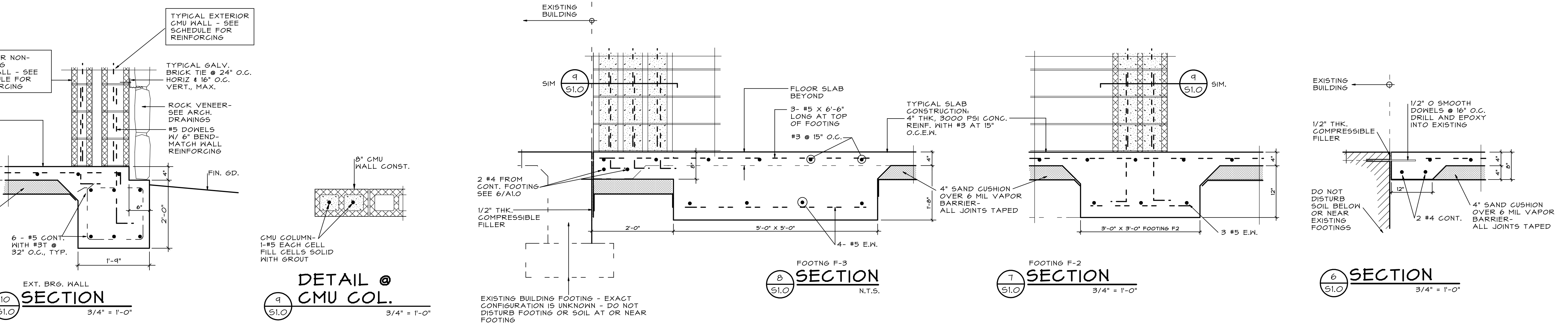
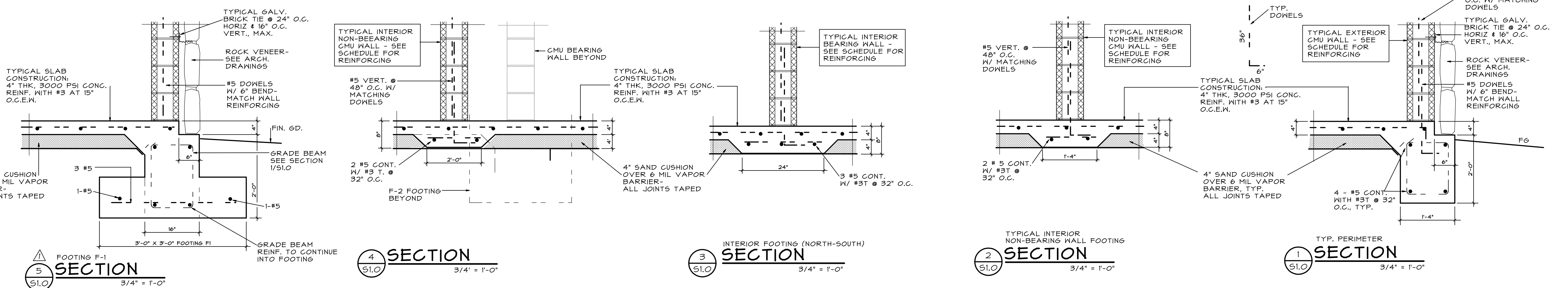
NOTE: WORK INDICATED THIS SHEET IS WITHIN THE "BASE BID" SCOPE OF WORK

REVISIONS
 △ FOOTING REVISION MAR. 9, 2011
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DRAWN BY: STAFF
 CHECKED BY: STAFF
 DATE: JAN. 2011
 PROJ. NO.: 10.302

BASE BID WORK
 FOUNDATION
 PLAN & DETAILS

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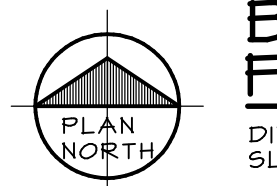
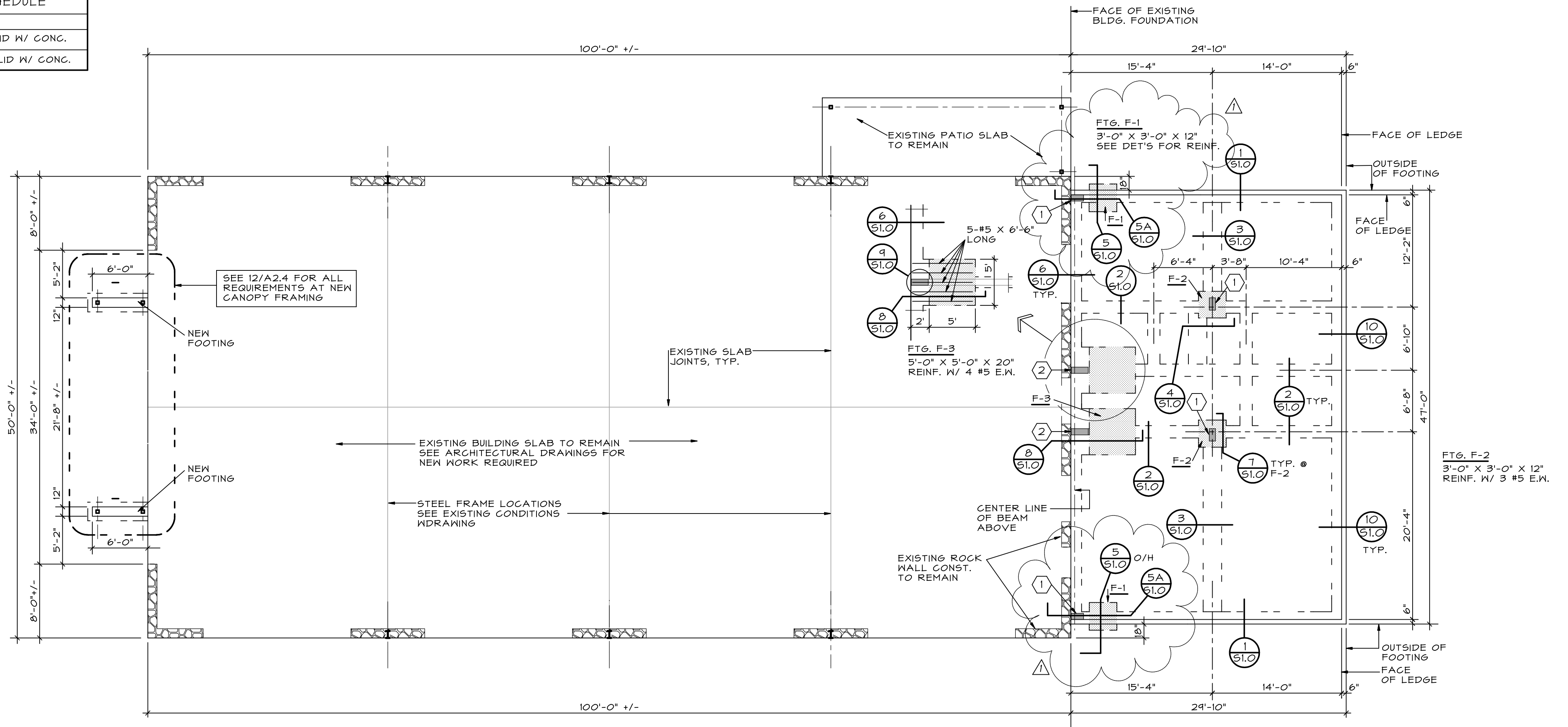
LOCATION	REINFORCING
4" INTERIOR NON-BEARING WALLS	#4 VERTICAL @ 48" O.C. - GROUTED SOLID DUR-O-MAL TRUSS TYPE, GALVANIZED WIRE JOINT REINFORCEMENT AT 16" O.C. HORIZ. BOND BEAMS AT 4" O.C. VERT. W/ 1-#4 CONT.
6" AND 8" INTERIOR NON-BEARING WALLS	#4 VERTICAL @ 48" O.C. - GROUTED SOLID DUR-O-MAL TRUSS TYPE, GALVANIZED WIRE JOINT REINFORCEMENT AT 16" O.C. HORIZ. BOND BEAMS AT 4" O.C. VERT. W/ 1-#4 CONT.
8" EXTERIOR BEARING AND NON-BEARING WALLS	#4 VERTICAL @ 48" O.C. - GROUTED SOLID DUR-O-MAL TRUSS TYPE, GALVANIZED WIRE JOINT REINFORCEMENT AT 16" O.C. HORIZ. BOND BEAMS AT 4" O.C. VERT. W/ 1-#4 CONT.

SPAN	REINFORCING
0' - 4'	1#4 IN 8" CMU B. BM. FILL SOLID W/ CONG.
4' - 6'	2#4 IN 8" CMU B. BM. FILL SOLID W/ CONG.

- KEYED NOTES:**
- MASONRY COLUMN THIS LOCATION - 1-#5 IN EACH OF 2 CELLS, FILL SOLID WITH GROUT - SEE DETAIL
 - MASONRY COLUMN THIS LOCATION - 1-#5 IN EACH OF 3 CELLS, FILL SOLID WITH CONG. GROUT - SEE DETAIL

GENERAL STRUCTURAL NOTES

- GENERAL**
- THE CONTRACTOR SHALL COMPARE THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, PLUMBING, MECHANICAL & ELECTRICAL DRAWINGS AS TO LAYOUT, DIMENSIONS AND ELEVATIONS. ALL DISCREPANCIES, IF ANY, SHALL BE REPORTED TO THE ARCHITECT FOR PROPER ADJUSTMENTS BEFORE PROCEEDING WITH THE WORK.
 - IN THE EVENT THAT CERTAIN FEATURES OF CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS, THEN THEIR CONSTRUCTION SHALL BE IN THE SAME CHARACTER FOR SIMILAR CONDITIONS THAT ARE SHOWN OR CALLED FOR.
- CONCRETE**
- ALL CONCRETE SHALL HAVE A MIN. ULTIMATE COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS AND SHALL BE MONOLITHICALLY PLACED TO THE EXTENT INDICATED ON THE DRAWINGS.
 - CONCRETE SLAB IN ROOMS 102, 103 AND 104 SHALL BE FINISHED WITH HARDENER/SEALER EQUAL TO A.C. HORNE'S "HORNSTONE" - APPLICATION AS PER MFR'S WRITTEN RECOMMENDATIONS.
 - ALL REINFORCING STEEL SHALL CONFORM TO ASTM GRADE 60, EXCEPT #3 BARS = ASTM GRADE 40.
 - ALL WELDED WIRE FABRIC SHALL CONFORM TO LATEST ASTM A 105.
 - LAP ALL WELDED WIRE FABRIC 8" MINIMUM.
 - DOWELS INTO THE FOOTINGS SHALL MATCH THE VERTICAL REINFORCING OF COLUMNS AND CMU WALLS IN SIZE AND NUMBER. EXTEND MIN. 11 BAR DIAMETERS INTO FOOTING AND 30 BAR DIAMETERS INTO WALL, UNLESS NOTED OTHERWISE.
 - ALL DETAILING, FABRICATION AND ERECTION OF REINFORCING BARS, UNLESS NOTED OTHERWISE, MUST FOLLOW THE ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI 318).
 - ALL REINFORCING STEEL IN THE FOUNDATION SHALL HAVE A MINIMUM COVER OF 3".
- FOUNDATION**
- THE FOUNDATION HAS BEEN DESIGNED IN ACCORDANCE WITH THE SOIL ANALYSIS AND REPORT PREPARED BY SPEESOIL, SPEESOIL REPORT SP610101, DATED NOV. 10, 2010. REPORT ANY UNFAVORABLE SUB-SURFACE CONDITIONS TO THE ARCHITECT/ENGINEER.
 - THE FOOTINGS SHALL BE POURED ON COMPACTED ENGINEERED FILL. NATIVE SOIL SHALL BE OVEREXCAVATED TO A DEPTH OF 36" MIN. BELOW EXISTING GRADE - SEE DETAIL.
 - FOOTINGS SHALL BE FORMED WHENEVER CONCRETE CANNOT BE PLACED AGAINST SOLID EARTH. FOOTINGS SHALL BE EXCAVATED NEATLY.
 - ALL FILL REQUIRED TO BRING THE BUILDING PAD TO GRADE SHALL BE ENGINEERED FILL AND SHALL BE COMPACTED TO 95% MAX. DENSITY (ASTM D 1557).
 - SLOPE ALL GRADES AWAY FROM THE BUILDING - SEE GRADING PLAN.
- MASONRY**
- UNLESS SPECIFIED OTHERWISE MORTAR SHALL BE TYPE 'M' OR TYPE 'S'.
 - CMU WALL REINFORCING: REFER TO THE REINFORCING SCHEDULE, THIS SHEET. BARS SHALL RUN CONTINUOUSLY THE FULL HEIGHT OF THE WALL. IN ADDITION PROVIDE:
 - #5 VERTICAL AT EACH CORNER W/ CORNER BARS
 - #5 VERTICAL AT EACH JAMB
 - #5 VERTICAL AT EACH INTERSECTION
 - #5 VERTICAL AT EACH SIDE OF CONTROL JOINTS (SEE ARCHITECTURAL DWGS.) AND ELSEWHERE AS SHOWN.
 - BOND BEAMS: REFER TO THE CMU REINFORCING SCHEDULE THIS SHEET.
 - PROVIDE BOND BEAMS AT JOIST BEARINGS AS SHOWN.
 - SEE LINTEL SCHEDULE FOR ALL MASONRY LINTELS.
 - GROUT (CONCRETE FILL) = 3/8" MAX. AGGREGATE, 1500 PSI @ 28 DAYS, 8" SLUMP.



BASE BID WORK FOUNDATION PLAN
 DIMENSIONS ARE SHOWN AT FLOOR SLAB LEVEL. 1/8" = 1'-0"

NOTE: ALL DIMENSIONS AT EXISTING BUILDING ARE APPROXIMATE. FIELD VERIFY ALL CONDITIONS AND DIMENSION PRIOR TO COMMENCEMENT OF ANY WORK.

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