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REVISIONS
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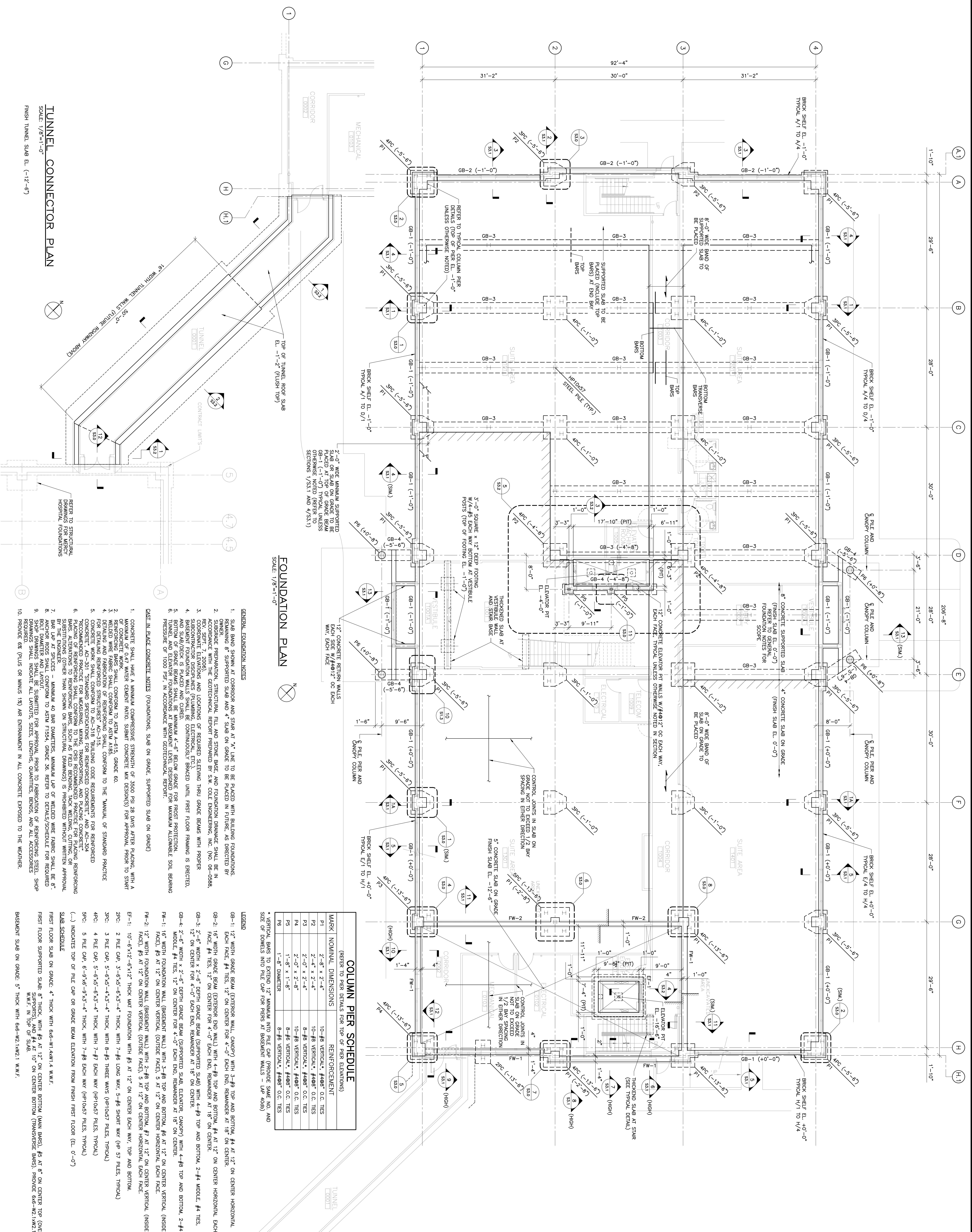
**FOUNDATION PLAN AND
TUNNEL CONNECTOR
PLAN**

Project Title
Landmark Healthcare
Facilities LLC
Fore River Medical
Pavilion
Portland, Maine

Date
NOVEMBER 20, 2006

Project Number
FO6-5103

Drawing Number
S1.0



FOUNDATION PLAN
SCALE 1/8"=1'-0"

TUNNEL CONNECTOR PLAN
SCALE 1/8"=1'-0"

COLUMN PIER SCHEDULE
(REFER TO PIER DETAILS FOR TOP OF PIER ELEVATIONS)

MARK	NOMINAL DIMENSIONS	REINFORCEMENT
P1	2'-8" x 2'-4"	10-#8 VERTICAL, #4@8" O.C. TIES
P2	2'-4" x 2'-4"	10-#8 VERTICAL, #4@8" O.C. TIES
P3	2'-0" x 2'-4"	8-#8 VERTICAL, #4@8" O.C. TIES
P4	2'-0" x 2'-8"	8-#8 VERTICAL, #4@8" O.C. TIES
P5	1'-8" x 1'-8"	8-#8 VERTICAL, #4@8" O.C. TIES
P6	1'-8" x 1'-8"	8-#8 VERTICAL, #4@8" O.C. TIES

* VERTICAL BARS TO EXTEND 12" MINIMUM INTO PILE CAP (PROVIDE SAME NW AND SE SIZE OF DOWNLAYS INTO PILE CAP FOR PIERS AT BASEMENT WALLS - LAP 40dB)

GENERAL FOUNDATION NOTES

1. SLAB BAND SHOWN AT CORRIDOR AND STAIR AT "X" LINE TO BE PLACED WITH BUILDING FOUNDATIONS. REMAINING 8" SUPPORTED SLAB AND 4" SLAB ON GRADE TO BE PLACED IN TOWER, AS DIRECTED BY ARCHITECT.
2. SUGARSHADE PREPARATION, STRUCTURAL FILL AND STONE BASE, AND FOUNDATION DRAINAGE SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED BY S.W. COLE ENGINEERING, INC. (NO. 06-0598).
3. COMPANIE ELEVATIONS AND LOCATIONS OF REQUIRED STEELING THRU GRADE BEAMS WITH PROPER SUBCONTRACTOR DISPLINES (PLUMBING, ELECTRICAL, ETC.).
4. REINFORCING FOUNDATION WALLS SHALL BE CONTINUOUSLY BRACED UNTIL FIRST FLOOR FRAMING IS ERECTED.
5. TUNNEL AND ELEVATOR FOUNDATIONS AT BASEMENT LEVEL DESIGNED FOR MAXIMUM ALLOWABLE SOIL BEARING PRESSURE OF 1000 PSF, IN ACCORDANCE WITH GEOTECHNICAL REPORT.
6. CAST-IN PLACE CONCRETE NOTES (FOUNDATIONS, SLAB ON GRADE, SUPPORTED SLAB ON GRADE)
1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI 28 DAYS AFTER PLACING, WITH A WATER/CEMENT RATIO NOT TO EXCEED 0.45.
2. REINFORCING BARS SHALL CONFORM TO ASTM A-615, GRADE 60.
3. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
4. FOR DETAILING REINFORCED STRUCTURES" ACI-315.
5. CONCRETE WORK SHALL CONFORM TO ACI-318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AND ACI-308 "STANDARD SPECIFICATIONS FOR REINFORCED CONCRETE, AND ACI-308.3 "RECOMMENDED PRACTICE FOR PLACING, PLACING, ALTERATIONS TO REINFORCING BARS, SUCH AS FIELD BENDING, TACK WELDING, CUTTING, OR BRACING, OTHER THAN SHOWN ON STRUCTURAL DRAWINGS) IS PROHIBITED WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT.
7. BAR LAP AT SLICES - MINIMUM 40 BAR DIAMETERS, MINIMUM LAP OF WELDED WIRE FABRIC SHALL BE 8".
8. ANCHOR RODS SHALL CONFORM TO ASTM F1554, GRADE 36. REFER TO DETAILS/SCHEDULE FOR REQUIRED SLOP DRAWINGS.
9. SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION OF REINFORCING STEEL. SHOP DRAWINGS SHALL INDICATE ALL LAYOUTS, SIZES, LENGTHS, QUANTITIES, BEINGS, AND ALL ACCESSORIES.
10. PROVIDE 5% (PLUS OR MINUS 1%) AIR ENTRAINMENT IN ALL CONCRETE EXPOSED TO THE WEATHER.

- LEGEND**
- GB-1: 12" WIDTH GRADE BEAM (EXTERIOR WALL, CANOPY) WITH 3-#9 TOP AND BOTTOM, #4 AT 12" ON CENTER HORIZONTAL FACE, #4 TIES, 12" ON CENTER FOR 4'-0" EACH END, REMAINDER AT 18" ON CENTER.
 - GB-2: 16" WIDTH GRADE BEAM (EXTERIOR END WALL) WITH 4-#9 TOP AND BOTTOM, #4 AT 12" ON CENTER HORIZONTAL EACH FACE, #4 TIES, 12" ON CENTER FOR 4'-0" EACH END, REMAINDER AT 18" ON CENTER.
 - GB-3: 2'-6" WIDTH X 2'-6" DEPTH GRADE BEAM (SUPPORTED SLAB) WITH 4-#9 TOP AND BOTTOM, 2-#4 MIDDLE, #4 TIES, 12" ON CENTER FOR 4'-0" EACH END, REMAINDER AT 18" ON CENTER.
 - GB-4: 2'-6" WIDTH X 2'-6" DEPTH GRADE BEAM (SUPPORTED SLAB, ELEVATOR, CANOPY) WITH 4-#9 TOP AND BOTTOM, 2-#4 MIDDLE, #4 TIES, 12" ON CENTER FOR 4'-0" EACH END, REMAINDER AT 18" ON CENTER.
 - FW-1: 16" WIDTH FOUNDATION WALL (BASEMENT WALL) WITH 3-#9 TOP AND BOTTOM, #6 AT 12" ON CENTER VERTICAL (INSIDE FACE), #5 AT 12" ON CENTER VERTICAL (OUTSIDE FACE), 5 AT 12" ON CENTER HORIZONTAL EACH FACE.
 - FW-2: 12" WIDTH FOUNDATION WALL (BASEMENT WALL) WITH 2-#9 TOP AND BOTTOM, #7 AT 12" ON CENTER VERTICAL (INSIDE FACE), #5 AT 12" ON CENTER VERTICAL (OUTSIDE FACE), 5 AT 12" ON CENTER HORIZONTAL EACH FACE.
 - EF-1: 10'-6"x12'-6"x12" THICK MAT FOUNDATION WITH #5 AT 12" ON CENTER EACH WAY, TOP AND BOTTOM.
 - 2PC: 2 PILE CAP, 3'-6"x5'-6"x3'-4" THICK, WITH 7-#8 LONG WAY, 5-#8 SHORT WAY (PP 57 PILES, TYPICAL)
 - 3PC: 3 PILE CAP, 5'-6"x5'-6"x3'-4" THICK, WITH 8-#8 THREE BARS WAYS (HP10x57 PILES, TYPICAL)
 - 4PC: 4 PILE CAP, 5'-6"x5'-6"x3'-4" THICK, WITH 7-#8 EACH WAY (HP10x57 PILES, TYPICAL)
 - 5PC: 5 PILE CAP, 6'-9"x6'-9"x3'-4" THICK, WITH 7-#8 EACH WAY (HP10x57 PILES, TYPICAL)
 - (...) INDICATES TOP OF PILE CAP OR GRADE BEAM ELEVATION FROM FINISH FIRST FLOOR (EL. 0'-0")
- SLAB SCHEDULE**
- FIRST FLOOR SLAB ON GRADE: 8" THICK WITH 6x6-W1.4xM1.4 W.W.F.
- FIRST FLOOR SUPPORTED SLAB: 8" THICK, WITH #5 AT 12" ON CENTER TOP (MAIN BARS), #5 AT 8" ON CENTER TOP (OVER W.W.F.), #5 AT 12" ON CENTER BOTTOM (TRANSVERSE BARS), PROVIDE 6x6-W2.1xM2.1 W.W.F.
- BASEMENT SLAB ON GRADE: 5" THICK WITH 6x6-W2.1xM2.1 W.W.F.