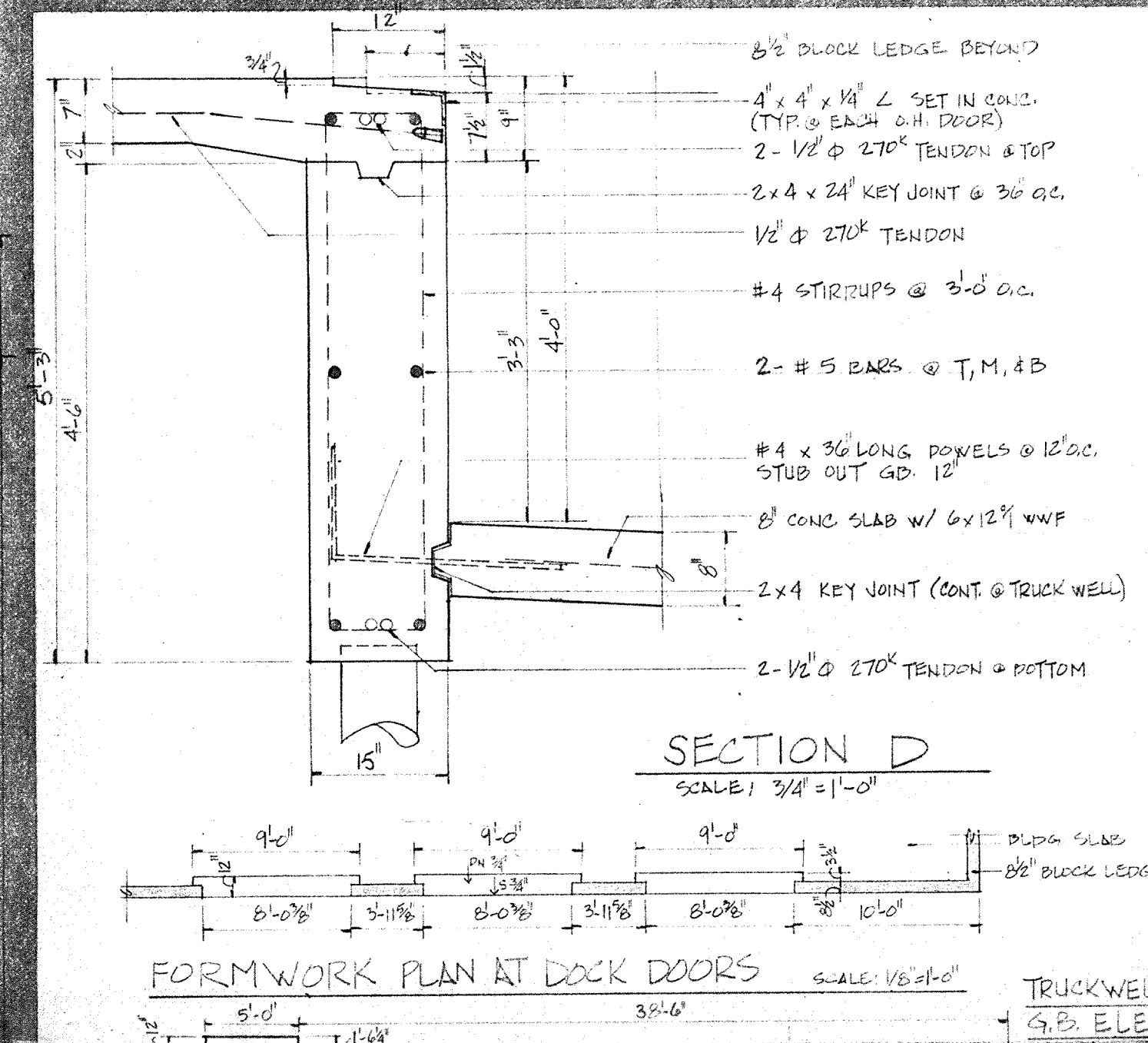
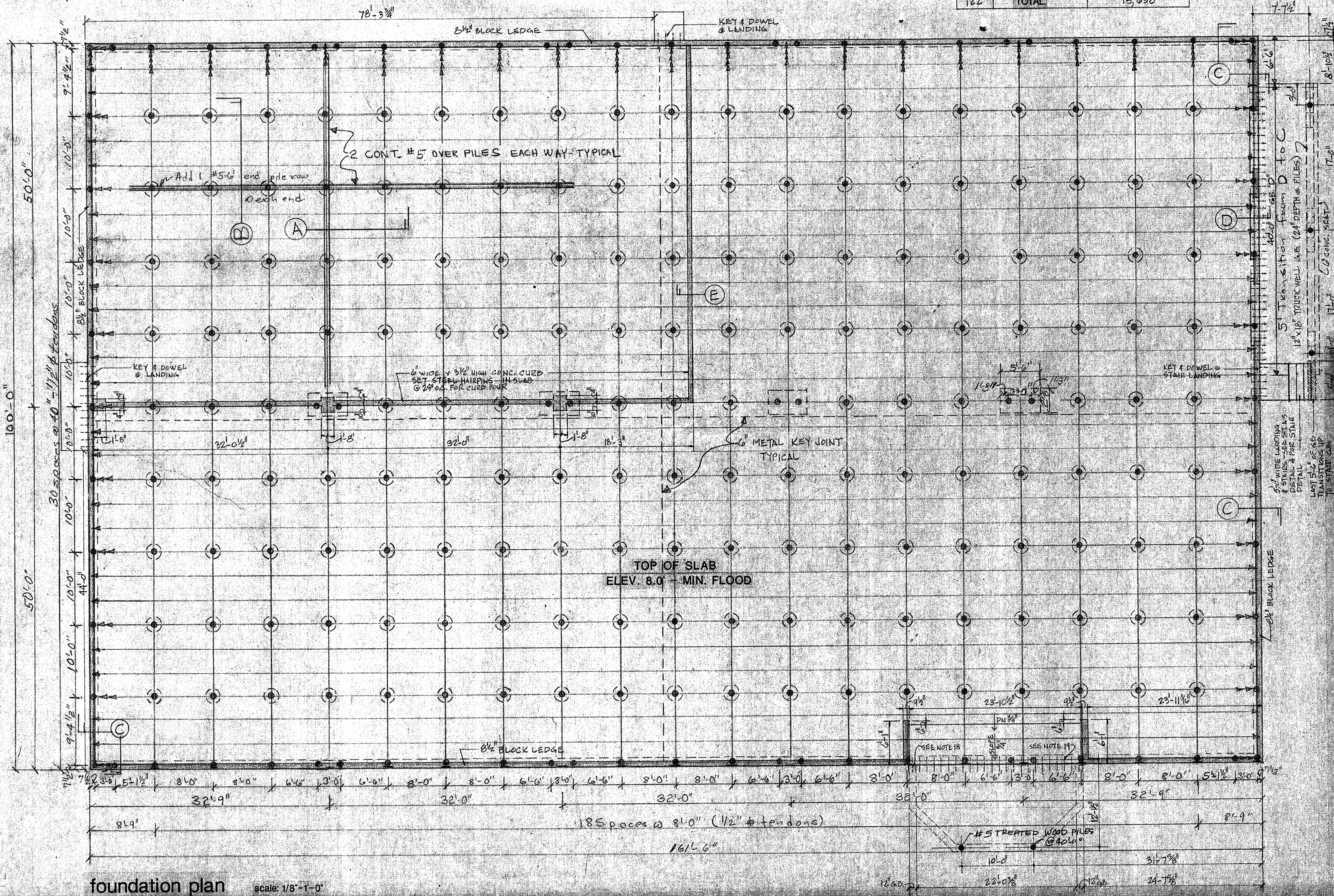


TENDON SCHEDULE		
NO.	LENGTH	TOTAL
82	102'-0"	8364'
44	165'-4"	7274'
122	TOTAL	15,638'

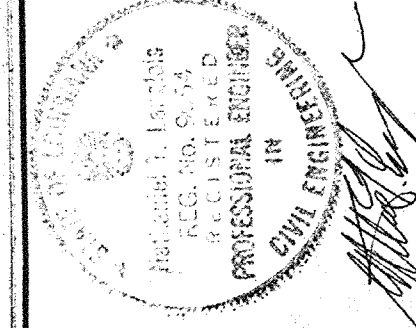
NOTE: PILES CLASS B - COMPOSITE - 25 TONS DESIGN LOAD & DEPTH FURNISHED BY CASERTA / CARROLL ARCHITECTS



GENERAL NOTES:

- Concrete design is based upon a concrete mix having a minimum of 525 sacks of cement per cubic yard and a maximum of 30 gallons of free and added water per cubic yard. Such a mix should give a minimum compression strength of 3000 p.s.i. at 28 days. Concrete design mix shall be in accordance with the A.C.I. Building Code Requirements (A.C.I. 318-77)
- Concrete to have minimum compressive strength of 1500 p.s.i. at the time of stressing.
- All conventional reinforcing steel shall be ASTM Designation A-615 (Grade 60) reinforcing and shall be detailed and accessories provided in accordance with the latest A.C.I. Manual of Standard Practice for detailing reinforced concrete structures.
- All prestressing steel shall consist of seven-wire stress relieved strand conforming to ASTM A-416. Minimum ultimate tensile strength shall be 270,000 p.s.i. Strands shall be coated with a permanent rust preventative lubricant and a plastic sheath.
- Reinforcement shall have 2" cover in grade beam bottoms, 2" cover in beam sides and tops, 1 1/2" cover in slab tops and bottoms, unless otherwise shown.
- Tendons and bars shall be securely supported to prevent both vertical and horizontal movement during placing of concrete.
- The contractor shall verify all drops, off-sets, brick-ledges and block-outs on architectural plans and notify the engineer of any discrepancies that may exist.
- Coordinate structural drawings with architectural and mechanical drawings for all openings, inserts, and any other related items.
- Plans for pipes, conduits, thimbles, etc., to pass through concrete slab or beam, must not conflict with reinforcing. Where a conflict occurs between tendons and reinforcing, tendon location is to take precedence.
- Provide .006 Polyethylene membrane under all concrete slabs and grade beams.
- All sections shown are the sections at mid-span of grade beams unless otherwise shown.
- The tendon location at the end of grade beam to be a minimum of 6" from the top of slab to central gravity of tendons.
- Tendons to be stressed no earlier than 6 days and no later than 14 days after placement of concrete.
- Stressing:  
1. 1/2" tendon shall be anchored at 28.9k per strand, but shall be initially stressed to 33.0k per strand.  
2. 3/8" tendon shall be anchored at 161k per strand, but shall be initially stressed to 18.4k per strand.
- Loading of slab prior to tensioning shall not be done without the approval and direction of the Supervising Engineer.
- This design to be used only for the below location:  
Lot 9A, Square 12, James Business Park, St. Rose, La.
- Catheads to be placed on all live ends prior to placement of concrete.
- 5/8" STEEL TOP FINE BAGS OUT OF FOUNDATION GRADE BEAM TO THE INTO BOTTOM CEILING BARS OF ENTRANCE PLAZA GRADE BEAMS WHERE PLAZA MEETS ELEV. FOUNDATION. SEE SHT. 11.11.11
- #4x24 LONG DOWELS @ 12 O.C. TO SET THE OUT. OF BLDG. SLAB 12" ALONG ENTRANCE TO THE INTO PLAZA SLAB W/ CONT. KEY JOINT. SEE SHT. 11.11.11

project no. 87094	date 10 Dec. 87	scale	NOTED	drawn by	checked by	revisions
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