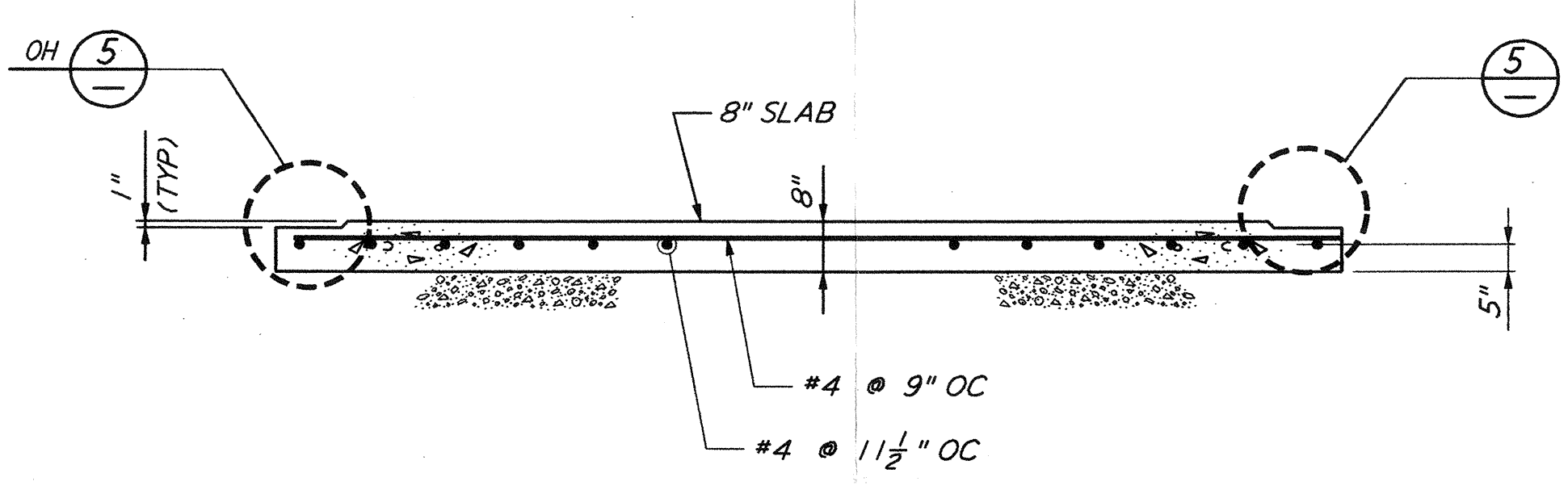
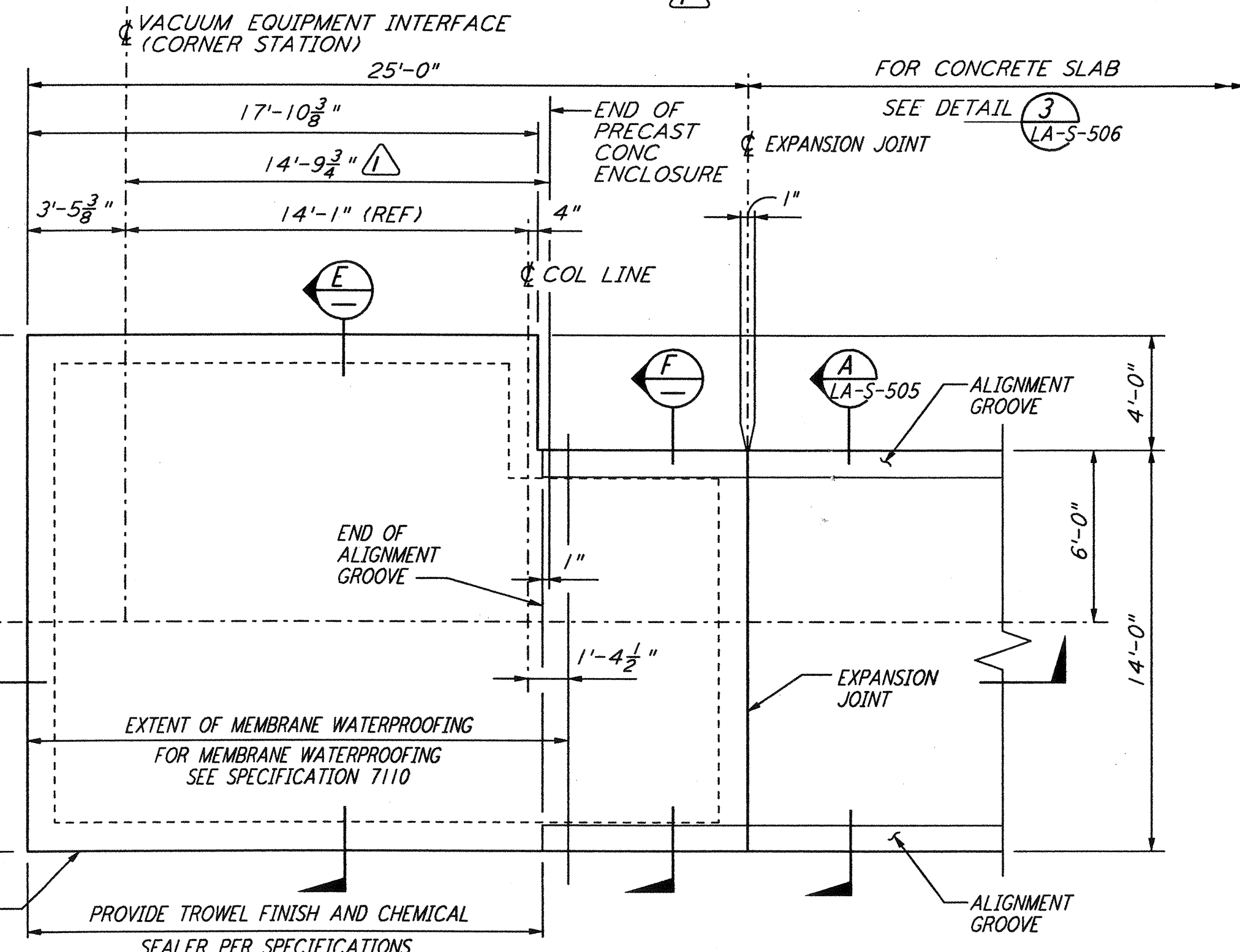


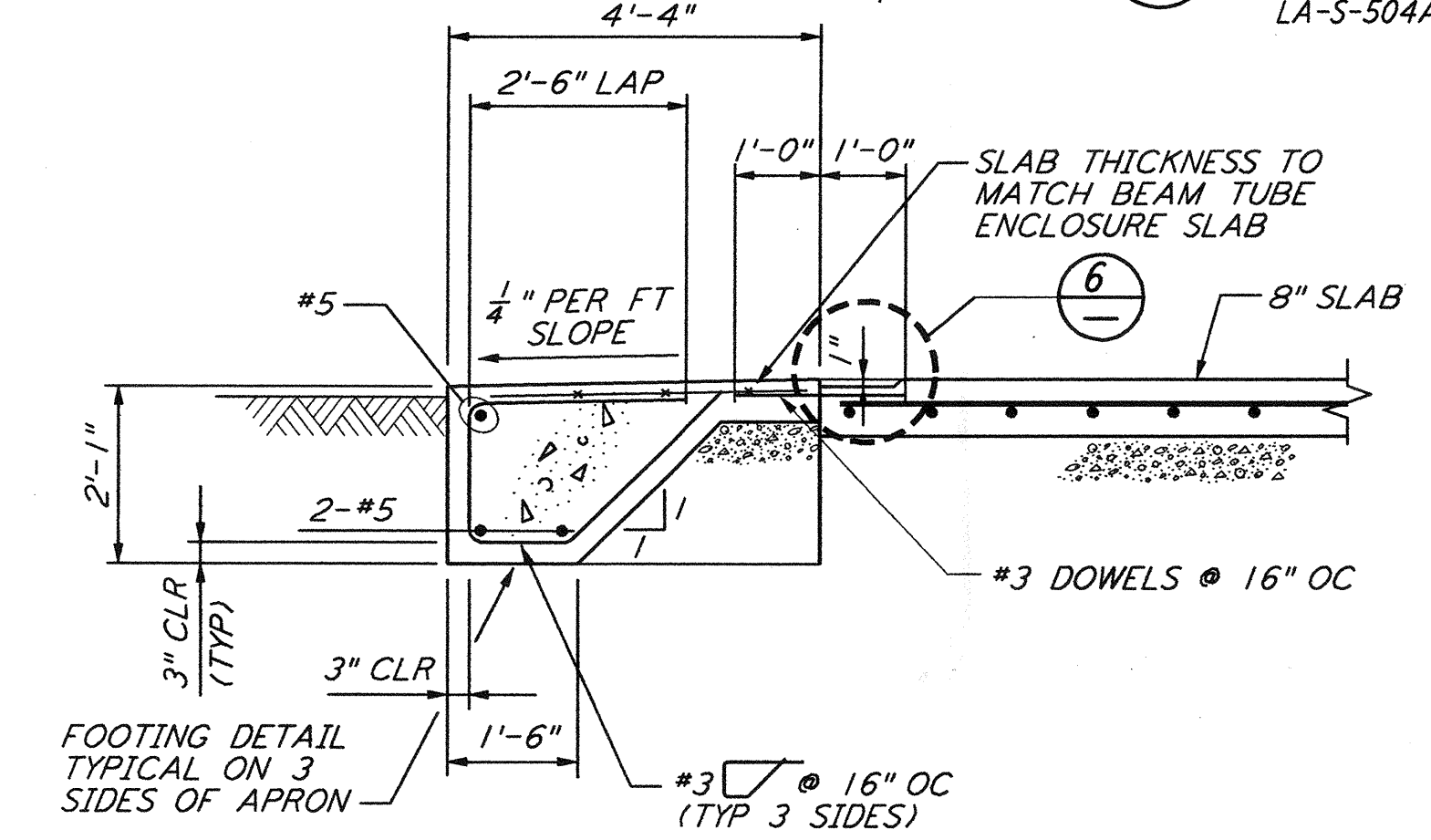
DETAIL 1 REF
1/4" = 1'-0" LA-S-505 LA-S-504 LA-S-504A

DETAIL 2 REF
1/4" = 1'-0" LA-S-505 LA-S-504 LA-S-504A

DETAIL 3 REF
1/4" = 1'-0" LA-S-505 LA-S-504 LA-S-504A



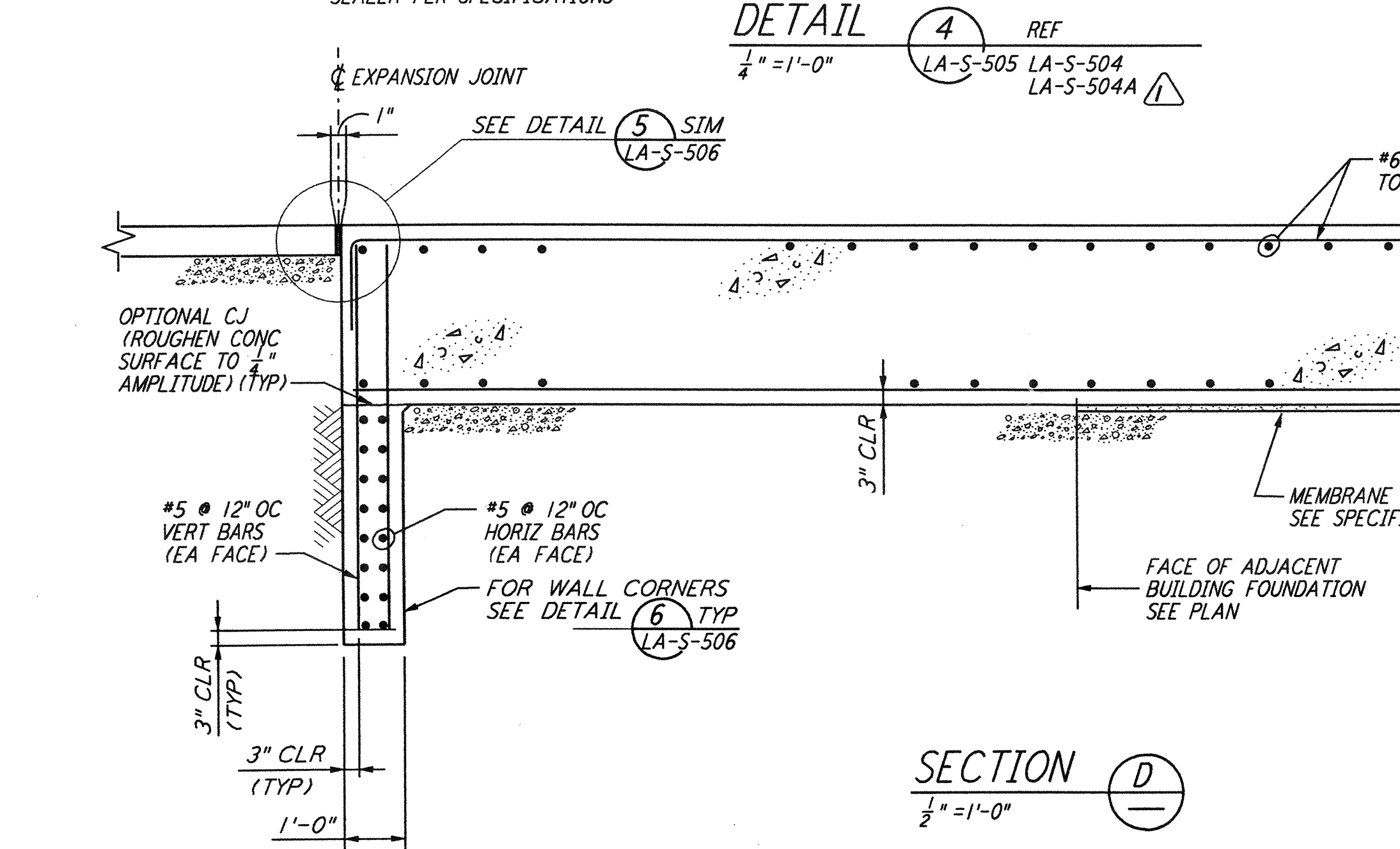
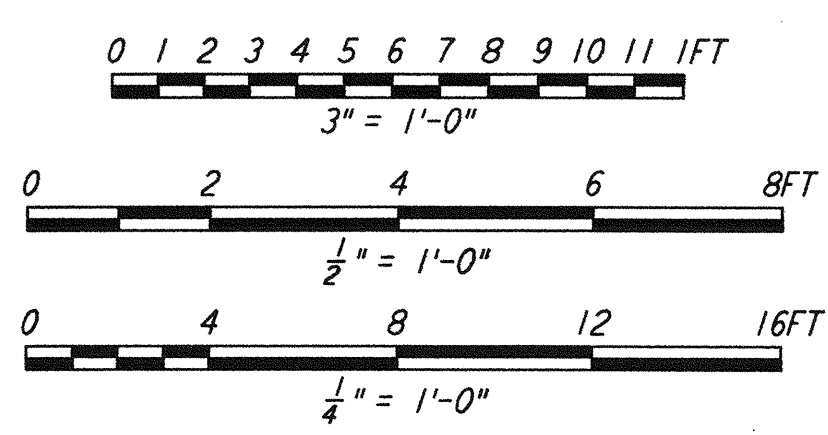
TYPICAL BEAM TUBE ENCLOSURE SLAB SECTION A REF
1/2" = 1'-0" LA-S-505 LA-S-506



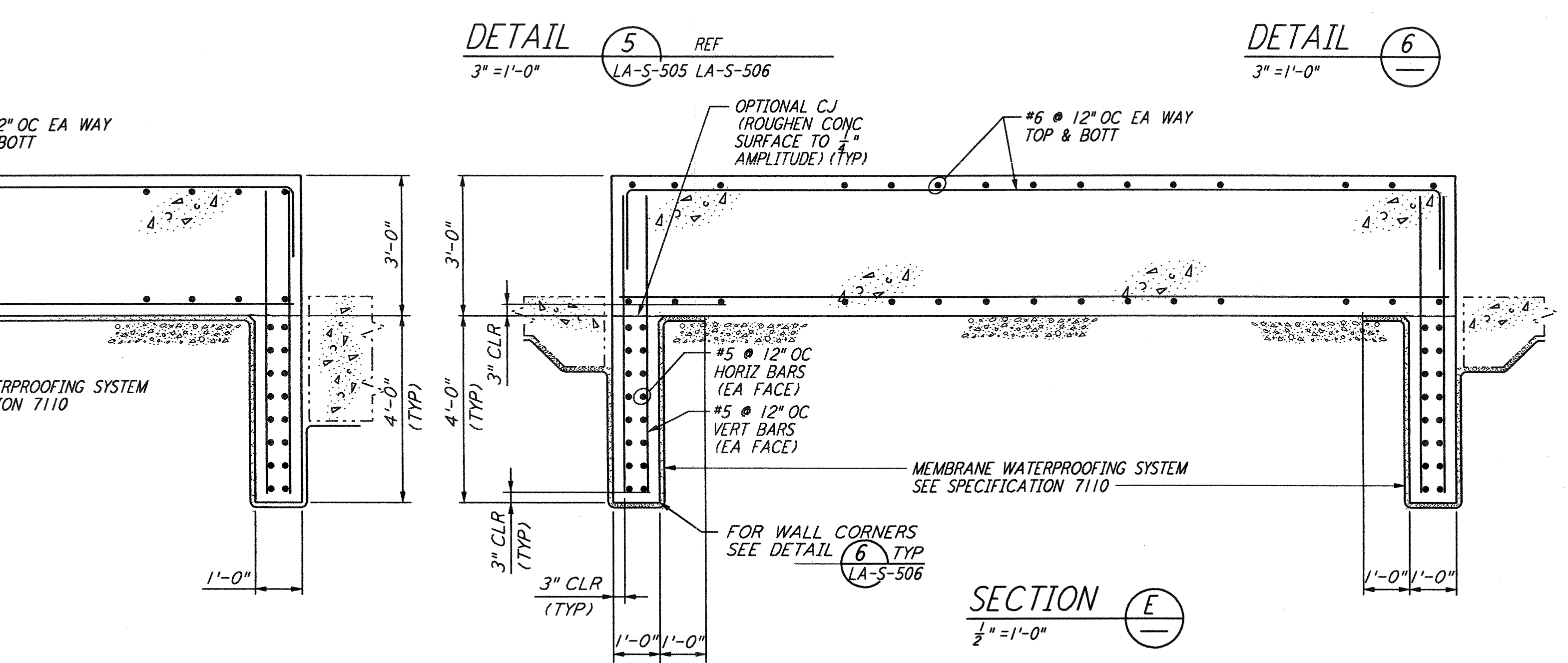
SECTION B REF
1/2" = 1'-0"

NOTE:
1. MID STATION FOUNDATION SHOWN IS FOR SOUTHWEST ARM, FOR SOUTHEAST ARM MID STATION FOUNDATION ORIENTATION SEE DETAIL 7 LA-S-506

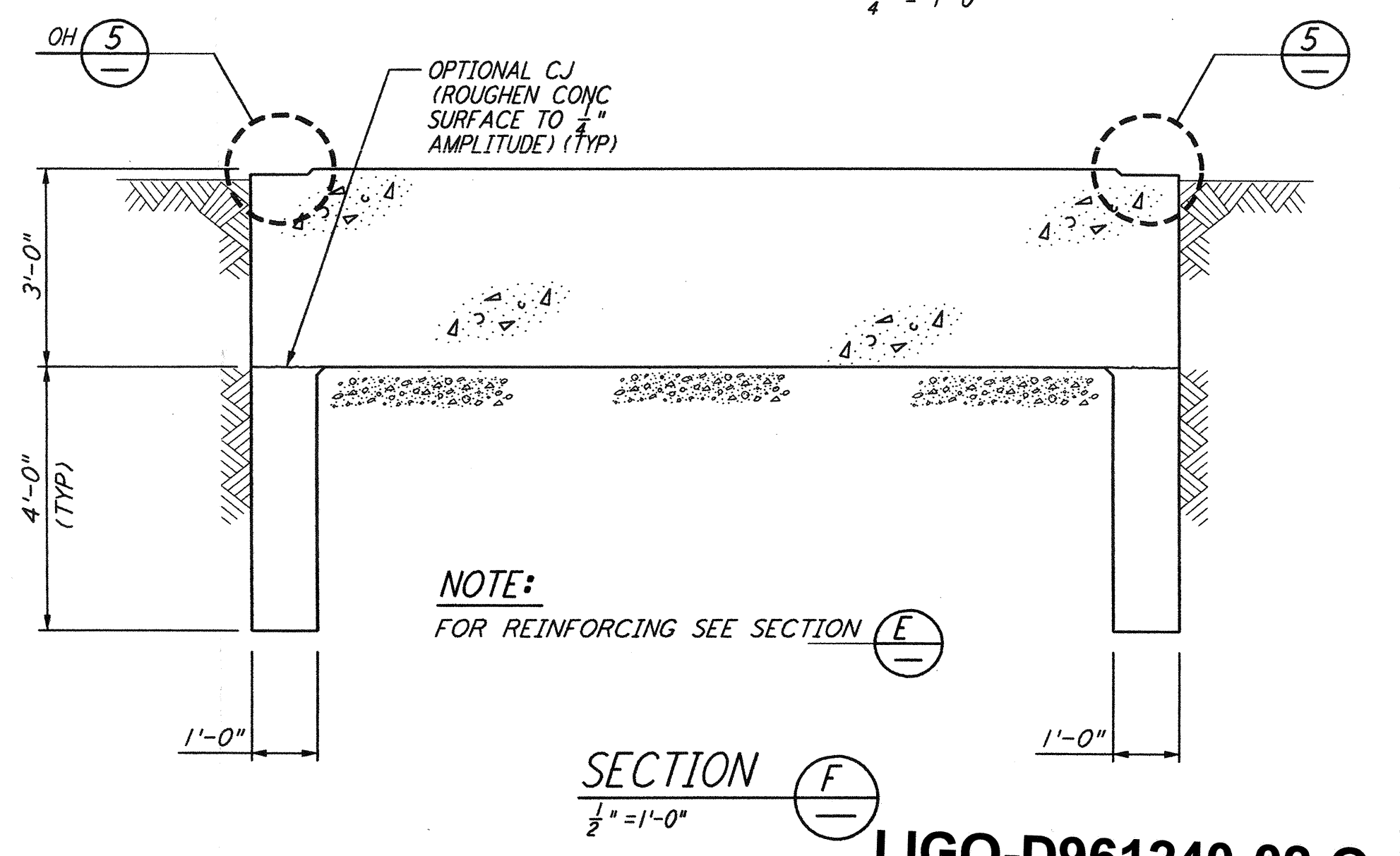
NOTE:
1. FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING LA-S-501.
2. ALL EXTERIOR VERTICAL SURFACES OF FOUNDATIONS SHALL BE FORMED.



SECTION D REF
1/2" = 1'-0"



SECTION E REF
1/2" = 1'-0"



SECTION F REF
1/2" = 1'-0"

NOTE:
FOR REINFORCING SEE SECTION E

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NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
2	1-15-99	MEI			MDW	ISSUED FOR AS BUILT
1	2-28-97	GP				REV DIMS & REFS AT DET 1 THRU 4

ISSUED FOR CONSTRUCTION
DRAWN MCS 11-15-96
CHECKED DDM 11-15-96
ENGINEER BP 11-15-96
PROJ TDM 11-15-96

AS-BUILT DRAWINGS

PARSONS
100 WEST WALNUT STREET
PASADENA, CALIFORNIA

LIGO
CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER
GRAVITATIONAL-WAVE OBSERVATORY
BEAM TUBE ENCLOSURE - LIVINGSTON, LA

TITLE: STRUCTURAL BEAM TUBE ENCLOSURE SECTIONS & DETAILS SHEET 1

SCALE: AS NOTED
CONTRACT NUMBER: PPI50969
PROJECT NUMBER: 8094

SHEET NUMBER: **LA-S-505**