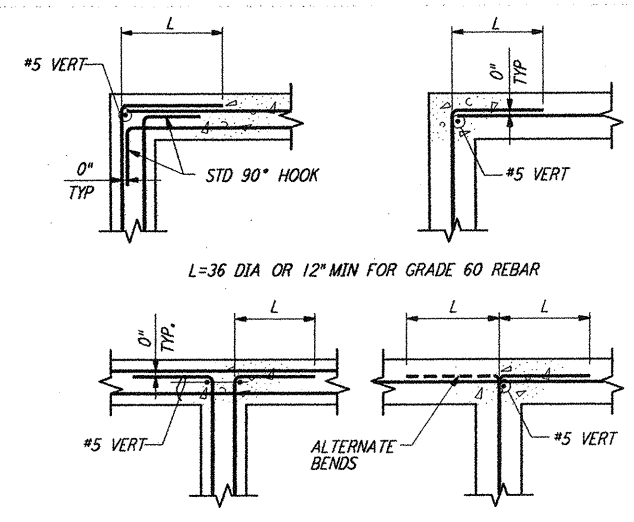
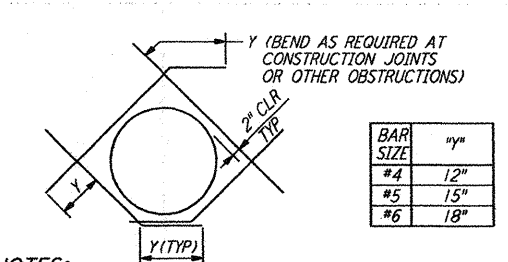


NOTE:
 INSTALL MOISTURE BARRIER WITH 2" SAND COVER ONLY WHEN SLAB IS INSIDE BUILDING

SLAB ON GRADE EDGE ①

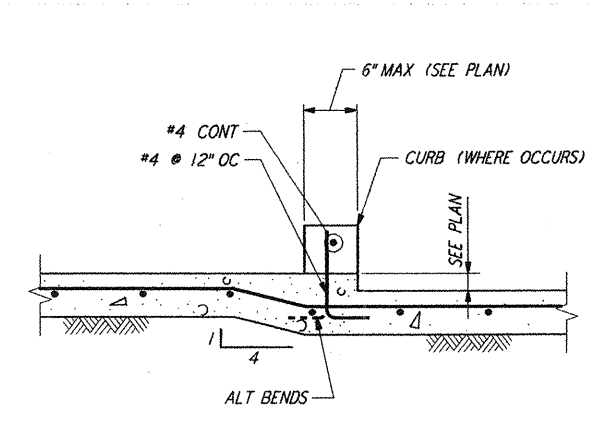


HORIZONTAL WALL REINFORCEMENT ②



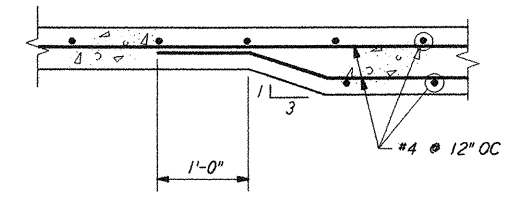
- NOTES:**
- CUT NORMAL REINFORCEMENT AT OPENING.
 - DIAGONAL BARS TO BE PLACED:
 - AT $\frac{1}{4}$ OF WALL OR SLAB WHERE ONE LAYER OF REINFORCEMENT IS PROVIDED.
 - AT EACH FACE OF WALL OR SLAB WHERE TWO LAYERS OF REINFORCEMENT ARE PROVIDED.
 - UNLESS OTHERWISE NOTED, SIZE OF DIAGONAL BARS SHALL BE THE SIZE OF THE LARGEST NORMAL REINFORCING BAR CUT.
 - THIS DETAIL TO BE USED ONLY WHEN CALLED FOR ON THE DRAWINGS OR WHEN NO OTHER DETAIL IS SPECIFIED.
 - THIS DETAIL SHALL APPLY TO OPENINGS 6" IN DIAMETER AND LARGER.

DIAGONAL REINFORCEMENT AT CIRCULAR OPENINGS ③



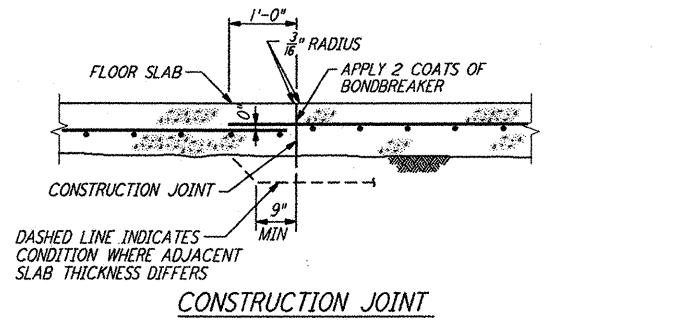
- NOTES:**
- SEE ARCH PLAN FOR EXTENT OF CURB.
 - FOR ADDITIONAL INFORMATION SEE DETAIL ①

DEPRESSED SLAB ④

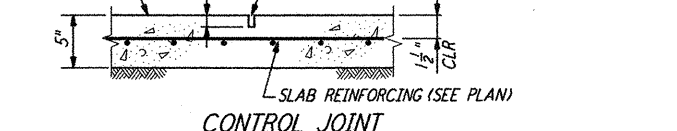


- NOTE:**
- FOR ADDITIONAL INFORMATION SEE DETAIL ①

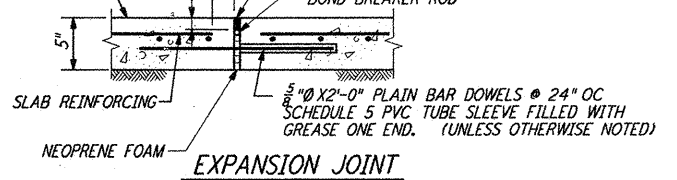
THICKENED SLAB ⑤



CONSTRUCTION JOINT
 DASHED LINE INDICATES CONDITION WHERE ADJACENT SLAB THICKNESS DIFFERS



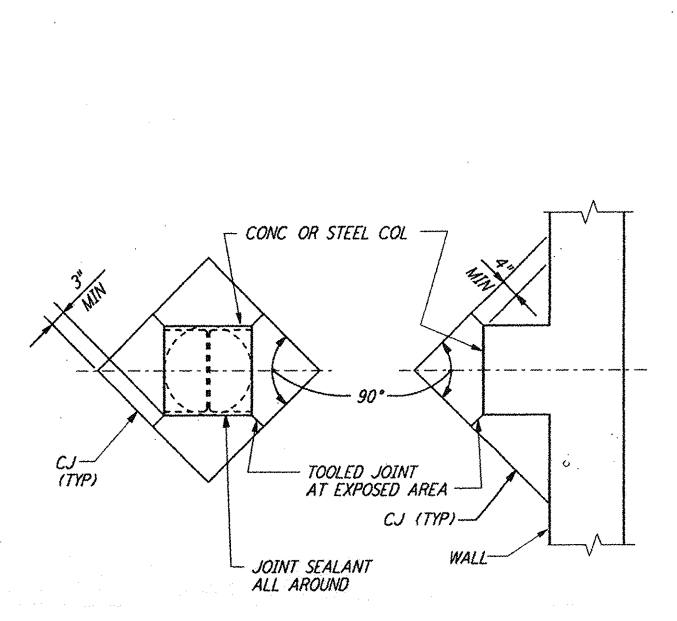
CONTROL JOINT
 1" SAWCUT OR DEEP V TOOL JOINT PLACE SEALANT IN SAWCUT AFTER CONCRETE CURES



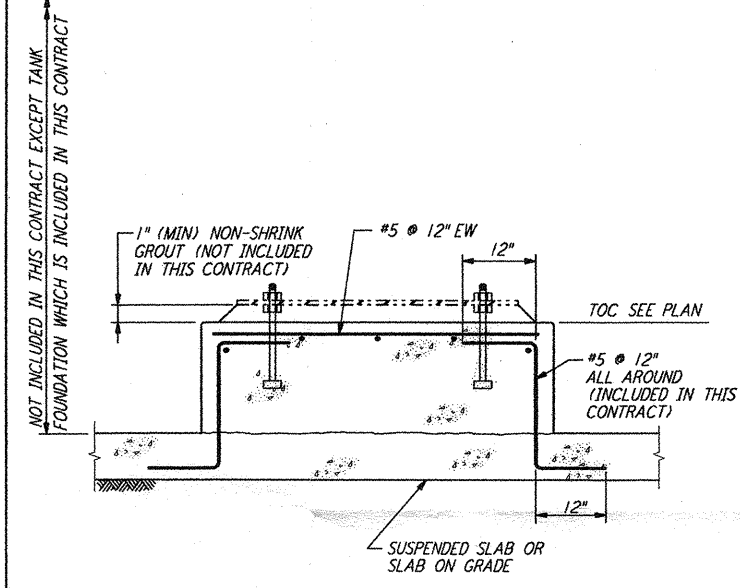
EXPANSION JOINT
 NEOPRENE FOAM

NOTE:
 CONSTRUCTION JOINT DETAIL IS MANDATORY FOR POUR JOINTS. AT OWNERS OPTION SLAB MAY BE POURED CONTINUOUS & CONTROL JOINTS MAY BE USED EVERYWHERE ELSE. CONSTRUCTION JOINT TO BE USED IN ONE DIRECTION AND CONTROL JOINTS IN THE OTHER DIRECTION - LIMIT OF POUR 400 SQ FT.

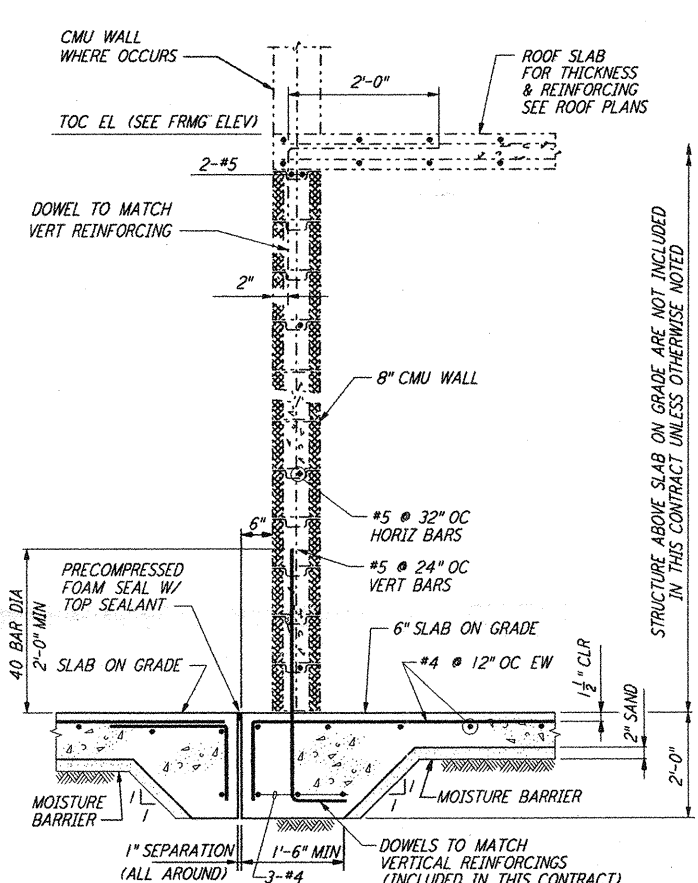
SLAB ON GRADE JOINTS ⑥



CONSTRUCTION JOINTS AT COL ⑦

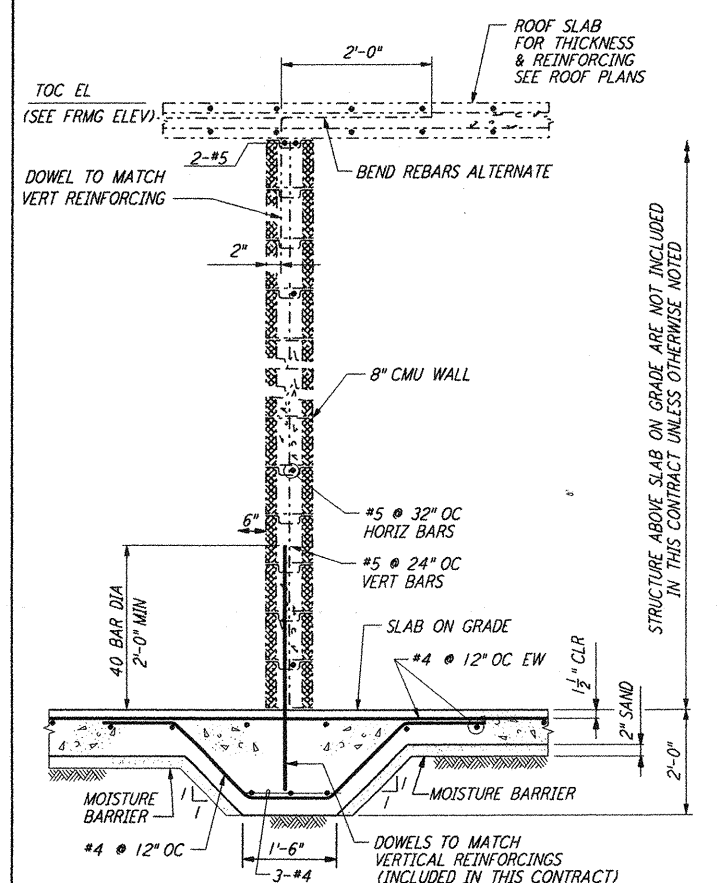


EQUIPMENT BASE ⑧



NOTE:
 INSTALL MOISTURE BARRIER WITH 2" SAND COVER ONLY WHEN SLAB IS INSIDE BUILDING

MASONRY WALL DETAIL ⑩



NOTE:
 INSTALL MOISTURE BARRIER WITH 2" SAND COVER ONLY WHEN SLAB IS INSIDE BUILDING

MASONRY WALL DETAIL ⑪

- NOTES:**
- FOR GENERAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING BT-S-601.

LIGO-D960736-00-0

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
0	1-22-99	MEI	--	--	MDW	ISSUED FOR AS BUILT
A	4-19-96	MCS	KS	BP		CHANGE ORDER #4

DRAWN: MCS
 CHECKED: []
 ENGINEER: []
 PROJ: []

AS-BUILT DRAWINGS

PARSONS
 100 WEST WALNUT STREET
 PASADENA, CALIFORNIA

LIGO
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER
 GRAVITATIONAL-WAVE OBSERVATORY
 BTE SITWORK & FABRICATION - HANFORD, WA

TITLE: STRUCTURAL STANDARD CONCRETE DETAILS SHEET 1
 SHEET NUMBER: BT-S-602

CONTRACT NUMBER: PPI50969
 PROJECT NUMBER: 8094

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