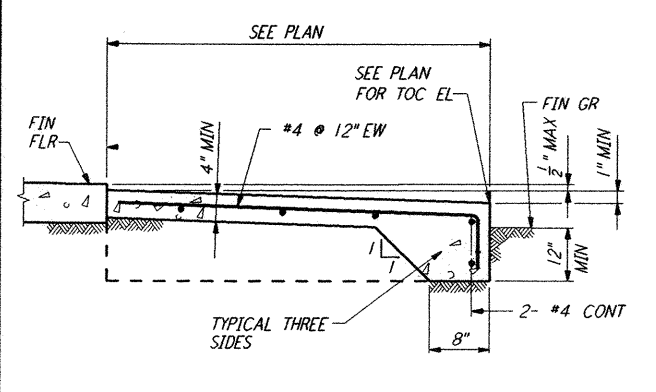
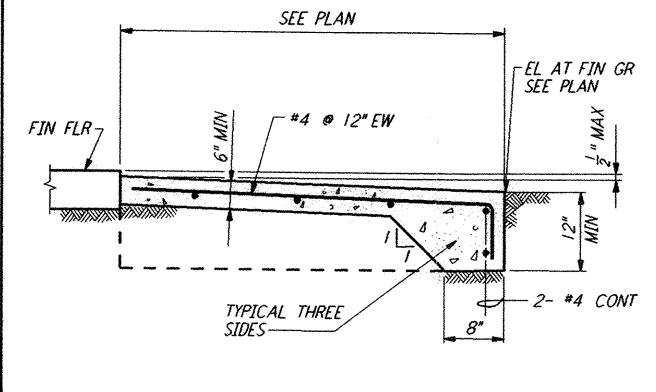


NOTE:
 INSTALL MOISTURE BARRIER WITH 2" SAND COVER ONLY WHEN SLAB IS INSIDE BUILDING

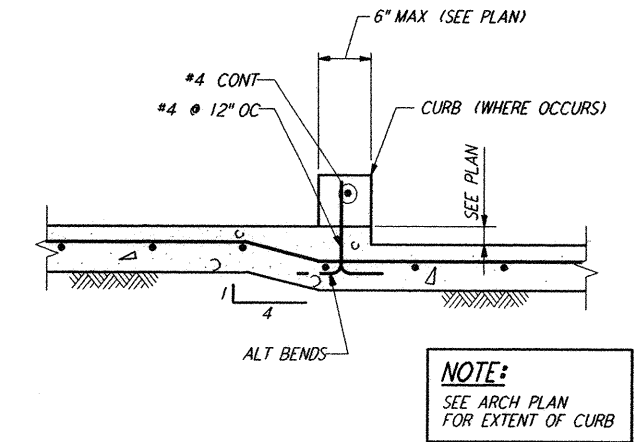
SLAB ON GRADE EDGE (1)



STOOP (2)

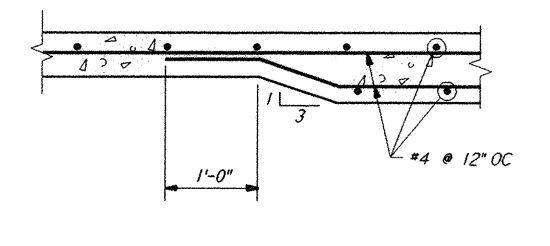


RAMP (3)

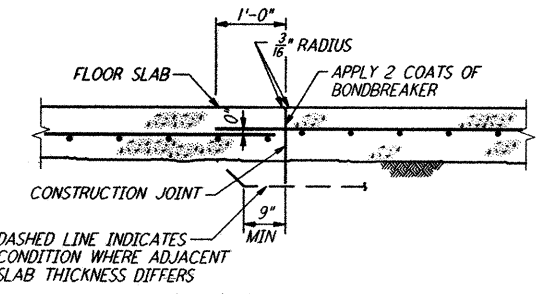


NOTE:
 SEE ARCH PLAN FOR EXTENT OF CURB

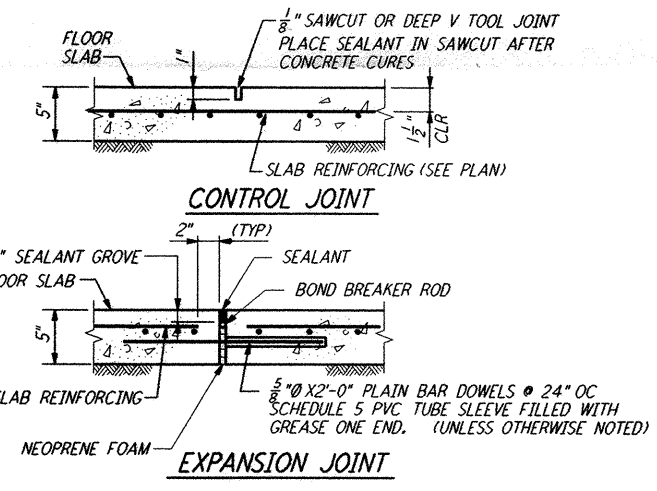
DEPRESSED SLAB (4)



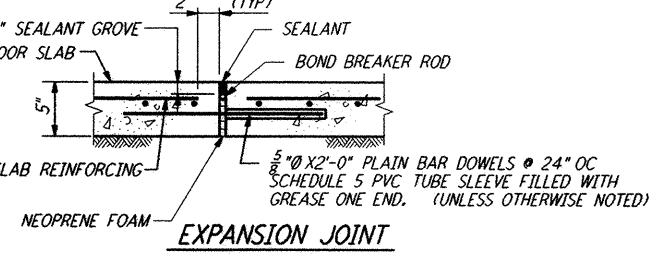
THICKENED SLAB (5)



CONSTRUCTION JOINT



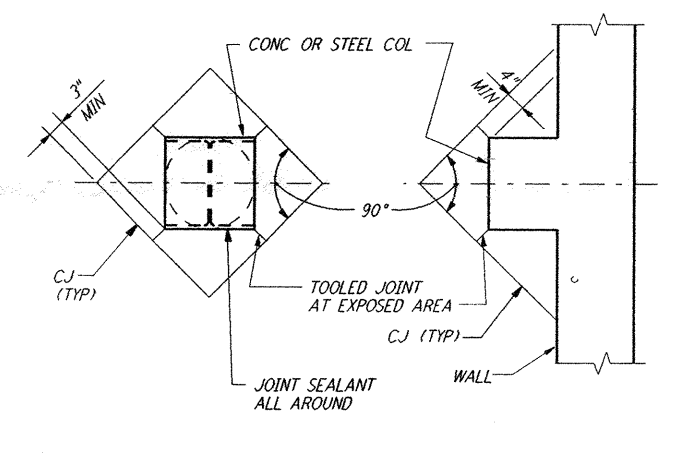
CONTROL JOINT



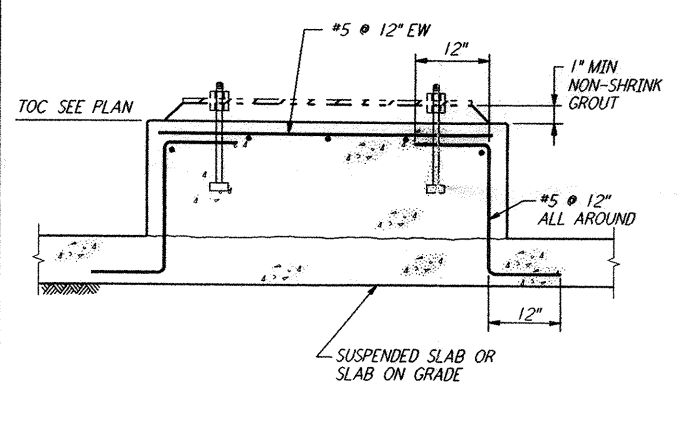
EXPANSION JOINT

NOTE:
 CONSTRUCTION JOINT DETAIL IS MANDATORY FOR FOUR 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 FOUR 400 SQ FT.

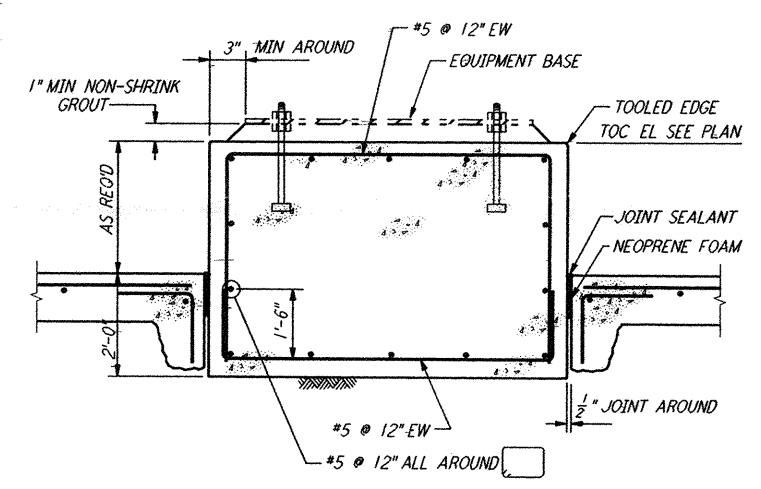
SLAB ON GRADE JOINTS (6)



CONSTRUCTION JOINTS AT COL (7)

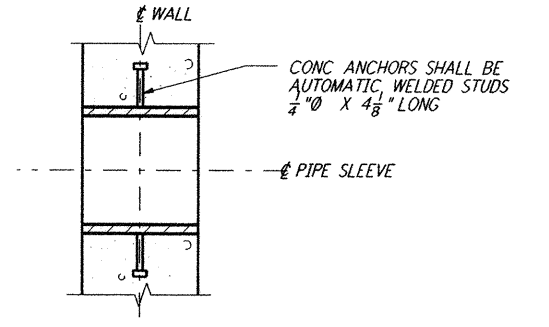


EQUIPMENT BASE (8)

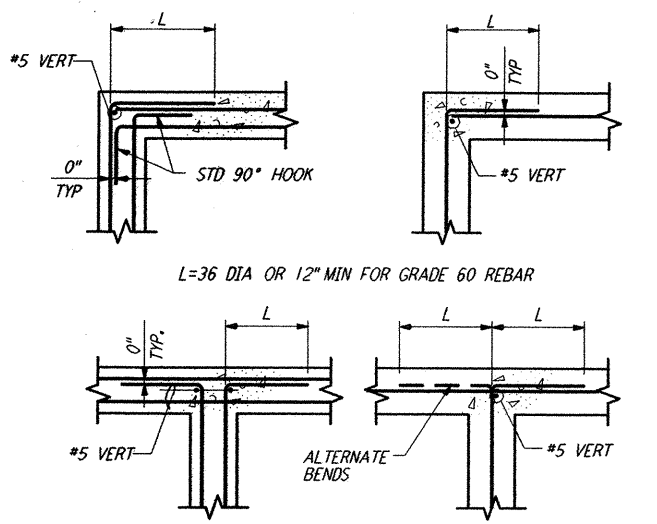


EQUIPMENT BASE WITH SEPARATING JOINT (9)

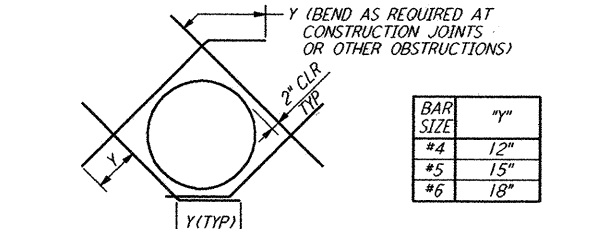
SLEEVE SCHEDULE		
DIA	MATERIAL	NO OF ANCHORS
2" THRU 4"	STD PIPE	2
6"	STD PIPE	3
8" THRU 12"	SCH 20 PIPE	4
14" THRU 16"	SCH 20 PIPE	5
18" THRU 22"	SCH 20 PIPE	6
24" THRU 36"	SCH 20 PIPE	8



SLEEVES IN CONCRETE WALLS (10)

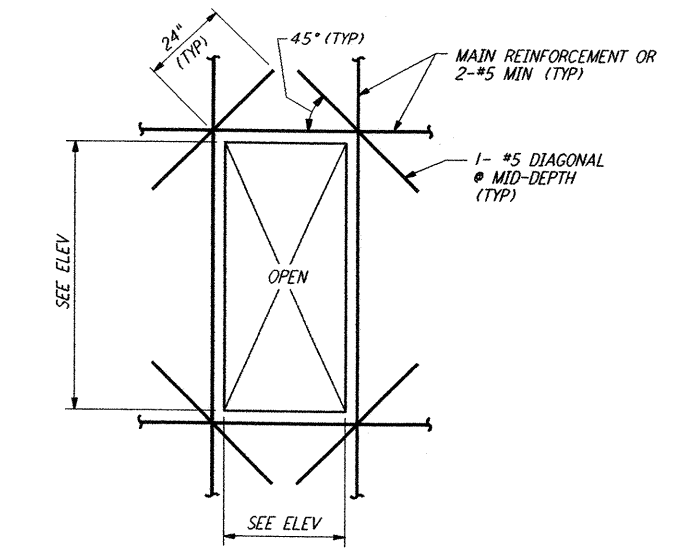


HORIZONTAL WALL REINFORCEMENT (11)

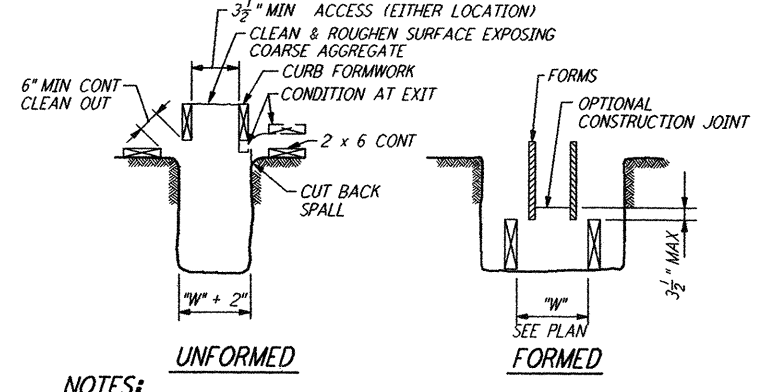


NOTES:
 1. CUT NORMAL REINFORCEMENT AT OPENING.
 2. DIAGONAL BARS TO BE PLACED:
 A. AT $\frac{1}{2}$ OF WALL OR SLAB WHERE ONE LAYER OF REINFORCEMENT IS PROVIDED.
 B. AT EACH FACE OF WALL OR SLAB WHERE TWO LAYERS OF REINFORCEMENT ARE PROVIDED.
 3. UNLESS OTHERWISE NOTED, SIZE OF DIAGONAL BARS SHALL BE THE SIZE OF THE LARGEST NORMAL REINFORCING BAR CUT.
 4. THIS DETAIL TO BE USED ONLY WHEN CALLED FOR ON THE DRAWINGS OR WHEN NO OTHER DETAIL IS SPECIFIED.
 5. THIS DETAIL SHALL APPLY TO OPENINGS 6" IN DIAMETER AND LARGER.

DIAGONAL REINFORCEMENT AT CIRCULAR OPENINGS (12)



REINFORCING DETAIL AT WALL OPNG (13)



NOTES:
 1. FOUNDATION CONC MAY BE PLACED DIRECTLY INTO NEAT EXCAVATIONS, PROVIDED THE FOUNDATION TRENCH WALLS ARE STABLE AS DETERMINED BY SOIL ENGINEER.
 2. FORMWORK NOT PERMITTED BELOW GRADE UNLESS FOOTING AND WALL ARE FULLY FORMED.
 3. STAKES NOT PERMITTED WITHIN FOOTING SECTION.
 4. UNFORMED FOOTINGS MAY BE USED ONLY FOR NON-BEARING WALLS.

WALL FOOTING FORMWORK (14)

NOTES:
 1. FOR GENERAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING S-100.

NO.	DATE	APRD BY	DESCRIPTION OF REVISION
9			
8			
7			
6			
5			
4			
3			
2			
1			

NO.	DATE	APRD BY	ISSUE
A	10-31-95	TDM	PRELIMINARY DESIGN REVIEW
B			
C			
D			
E			
F			
G			
H			

DATE	10-31-95
DRAWN	MCS
CHECKED	
ENGINEER	
PROJ MGR	

PARSONS
 100 WEST WALNUT STREET
 PASADENA, CALIFORNIA

LIGO
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER
 GRAVITATIONAL-WAVE OBSERVATORY
 SITE NO. 2 - LIVINGSTON, LOUISIANA

TITLE	STANDARD CONCRETE DETAILS SHEET 1	SCALE	NONE	CONTRACT NUMBER	PP150969	PROJECT NUMBER	8094
SHEET NUMBER	LA-S-002	REVISIONS					

This document and the design it covers are the property of PARSONS. They are loaned only with the borrower's expressed written agreement that they will not be reproduced, copied, loaned, exhibited, or used in any other way, except by written consent from PARSONS to the borrower.

J:\PLOTS\QUEUES\18B2\ST002.PRF
 s3-v18b2
 18:50:34 1995
 LIGOLAP.BDR