DATE: 09/11/98 TIME: 12:58:38
DESIGN FILE: I:\ligo\site\st\bts603.dgz

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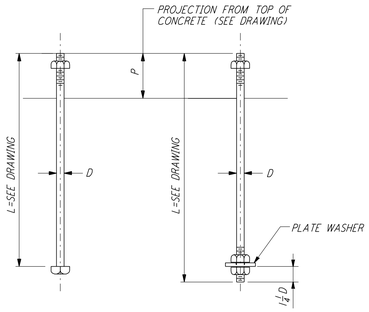


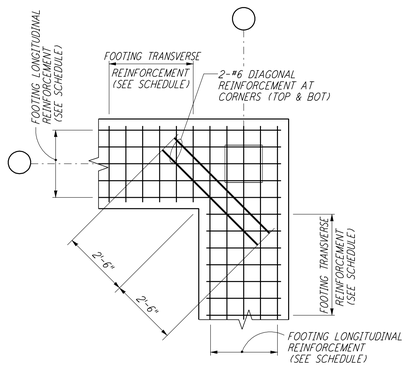
ANCHOR BOLTS DETAILS 1

NOTES:

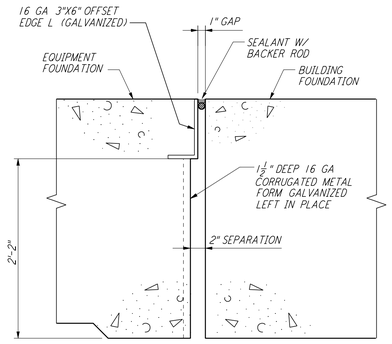
1. BOLT MATERIAL SHALL BE IN ACCORDANCE WITH ASTM A307, UNLESS OTHERWISE SPECIFIED.
2. USE UNIFIED NATIONAL COARSE THREAD, CLASS 2 FIT.
3. USE HEAVY DOUBLE CHAMFER HEX NUTS UP TO 1", AND HEAVY FLAT FACE HEX NUTS LARGER THAN 1".
4. PROVIDE 1 HEX NUT FOR EACH BOLT, UNLESS OTHERWISE NOTED ON DESIGN DRAWINGS.
5. PLATE WASHER MATERIAL SHALL BE ASTM A36, UNLESS OTHERWISE NOTED.
6. FABRICATOR SHALL BUNDLE AND TAG BOLTS BY INDIVIDUAL FOUNDATIONS OR MEMBERS. TAGS SHALL BE WEATHER RESISTANT, WITH MARKS AT LEAST 1/2" HIGH, AND FIRMLY WIRED TO BUNDLES.
7. SLEEVES SHALL NOT BE USED UNLESS SPECIFIED ON THE DESIGN DRAWINGS.

ANCHOR BOLT SCHEDULE

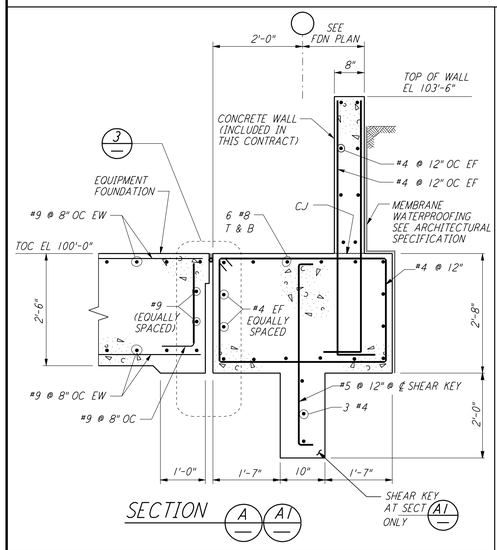
DIA D	PLATE WASHER	SLEEVE IF REQD DIA	SLEEVE IF REQD LENGTH	THREAD LENGTH	DIA D
1/2"		2"	5"	1 3/4"	1/2"
5/8"		2"	5"	2 1/8"	5/8"
3/4"		2"	7"	2 1/2"	3/4"
7/8"		2"	7"	2 7/8"	7/8"
1"	2 1/2" X 2 1/2" X 3/8"	3"	10"	3 1/4"	1"
1 1/8"	3" X 3" X 1/2"	3"	10"	3 5/8"	1 1/8"
1 1/4"	3 1/4" X 3 1/4" X 1/2"	3"	10"	4"	1 1/4"
1 3/8"	3 1/2" X 3 1/2" X 1/2"	4"	15"	4 3/8"	1 3/8"
1 1/2"	3 3/4" X 3 3/4" X 5/8"	4"	15"	4 3/4"	1 1/2"



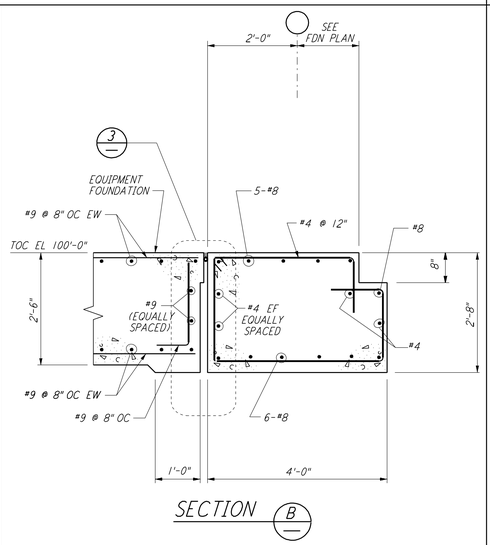
FOOTING DIAGONAL REINFORCEMENT AT CORNERS DETAIL 2



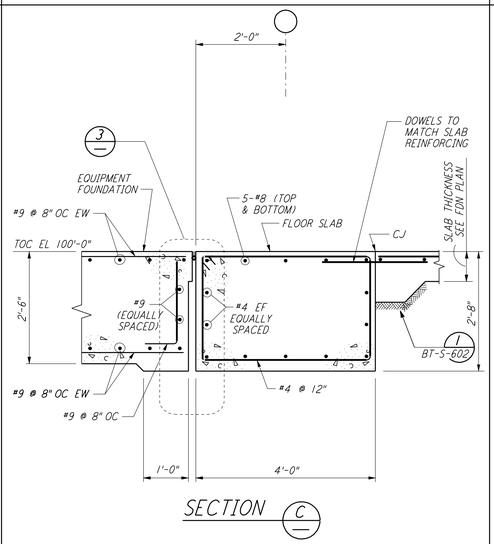
EQUIPT FDN & BLDG FDN INTERFACE DETAIL 3



SECTION A A1



SECTION B



SECTION C

NOTES:

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

LIGO-D960737-A-O

REFERENCES

DRAWING NO.	DESCRIPTION

REVISIONS

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
A	4-19-96	MCS	KS	BP		CHANGE ORDER #4

DRAWN	MCS
CHECKED	
ENGINEER	
PROJ	

PARSONS
100 WEST WALNUT STREET
PASADENA, CALIFORNIA

LIGO
CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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

TITLE: STRUCTURAL STANDARD CONCRETE DETAILS SHEET 2

SCALE	CONTRACT NUMBER	PROJECT NUMBER
NONE	PP150969	8094

SHEET NUMBER: BT-S-603 REVISIONS: A

LIGOBTF.BDR

Fri Sep 11 12:58:01 1998 c:\plot\acf\S3-30.acf N:\DUELUES\E3882\STF603.PRF