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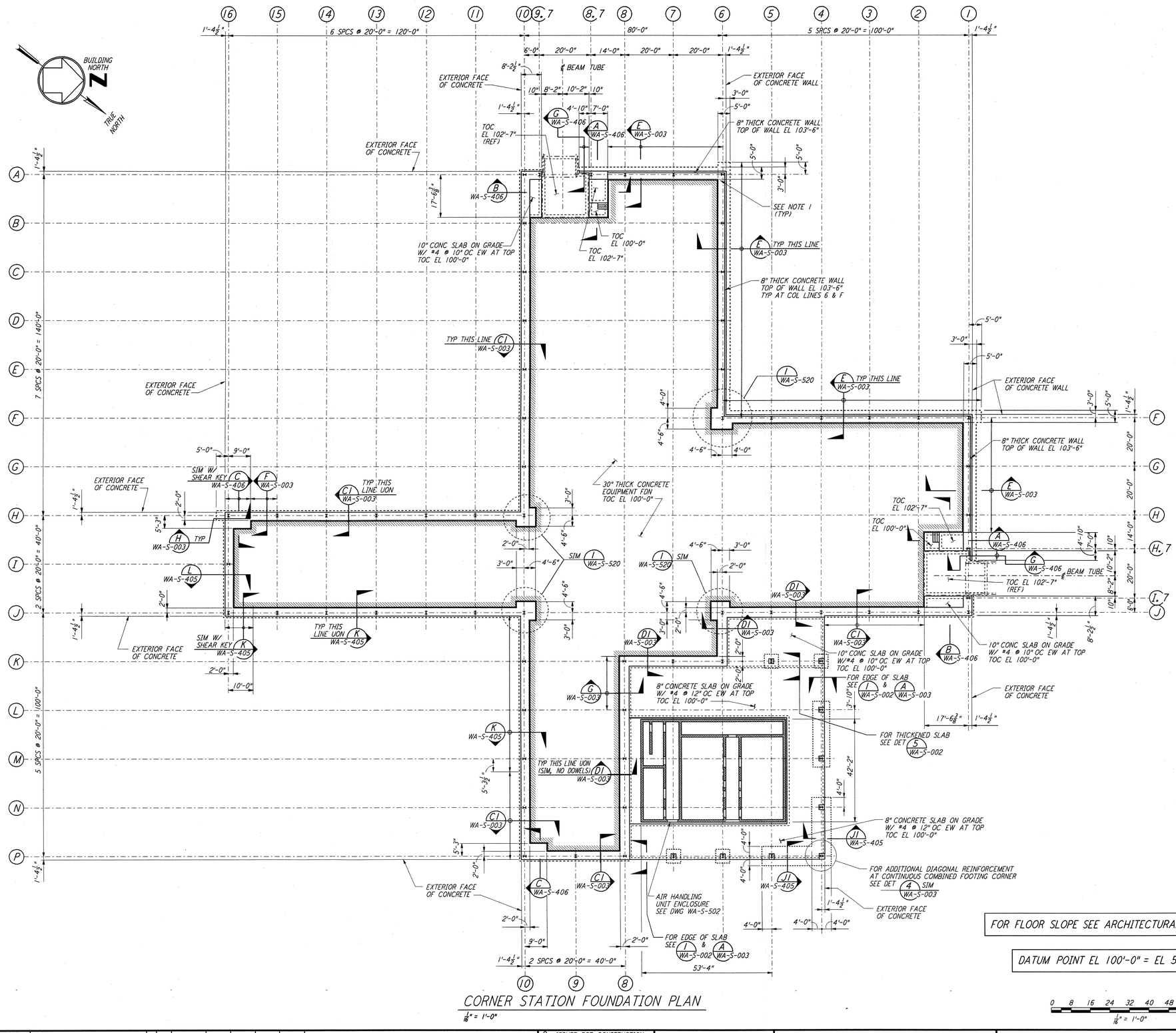


CORNER STATION FOUNDATION PLAN

1/8" = 1'-0"

FOR FLOOR SLOPE SEE ARCHITECTURAL DRAWINGS

DATUM POINT EL 100'-0" = EL 531.11'

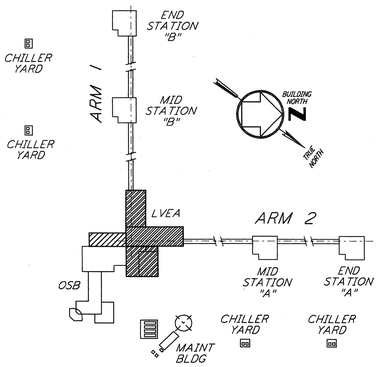
0 8 16 24 32 40 48 56 64FT
1/8" = 1'-0"

EQUIPMENT FOUNDATION NOTES:

1. CONCRETE FOR EQUIPMENT FOUNDATION SHALL BE PLACED IN MULTIPLE LIFTS OF ONE (1) FOOT OR MORE WITH A FINAL LIFT OF SIX (6) INCHES.
2. FIBERMESH FIBERS (MANUFACTURED BY FIBERMESH, CHATTANOOGA, TENNESSEE OR EQUAL) SHALL BE MIXED WITH CONCRETE FOR THE FINAL LIFT OF SIX (6) INCHES FOR THE EQUIPMENT FOUNDATION.
3. CONCRETE SURFACE SHALL BE CLEANED, RAKED AND ROUGHENED TO DEVELOPE BOND BETWEEN CONCRETE LAYERS.
4. TOP REINFORCEMENT OF EQUIPMENT FOUNDATION SHALL HAVE 1½" CLEAR COVER. CONTRACTOR SHALL TAKE ALL THE NECESSARY PRECAUTIONS TO MAINTAIN UNIFORM COVER.
5. CONTRACTOR SHALL USE FOUR (4) SETS OF EQUIPMENTS AND CREWS TO POUR LVEA EQUIPMENT FOUNDATION FROM FOUR (4) ENDS SIMULTANEOUSLY. CONTRACTOR SHALL HAVE SPARE PUMPS TO ENSURE UNINTERRUPTED PLACEMENT OF CONCRETE.
6. EQUIPMENT FOUNDATION SHALL BE CURED BY MEMBRANE CURING METHOD AS PER SPECIFICATIONS.

NOTES:

1. FOR ADDITIONAL REINFORCEMENT AT 90° FOUNDATION DIRECTION CHANGES IN STRIP FOOTING SEE DETAIL 4 SIM. WA-S-003
2. FOR GENERAL NOTES, ABBREVIATIONS & SYMBOLS SEE DRAWING WA-S-001.
3. FOR SLAB ON GRADE DETAILS SEE DRAWING WA-S-002.
4. FOR BASE ANGLE AT EDGE OF SLAB OR TOP OF 8" CONCRETE WALL, SEE FRAMING ELEVATIONS AND DETAIL A WA-S-003
5. FOR FOUNDATION SCHEDULE AND DETAILS SEE DRAWING WA-S-519.



KEY PLAN

LIGO-D960322-01-O

REFERENCES		REVISIONS						
DRAWING NO.	DESCRIPTION	NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
		1	6-15-98	CKT	BP	MDW	DB	ISSUED FOR AS-BUILT

ISSUED FOR CONSTRUCTION		
DRAWN	MCS	6-24-96
CHECKED	DDM	7-2-96
ENGINEER	BP	6-28-96
PROJ	MDW	7-9-96

AS-BUILT DRAWINGS

PARSONS
100 WEST WALNUT STREET
PASADENA, CALIFORNIA

LIGO
CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY
SITE NO. 1 - HANFORD, WASHINGTON

TITLE: **STRUCTURAL CORNER STATION LVEA FOUNDATION PLAN**

SCALE	CONTRACT NUMBER	PROJECT NUMBER
AS NOTED	PP150969	8094

SHEET NUMBER: **WA-S-501** REVISIONS: 1

LIGOWAF.BDR

Mon Jul 06 16:31:23 1998 C:\PLOTTOUES\S3-D962.OCF 52085 K:\V36B2C\was501.prf