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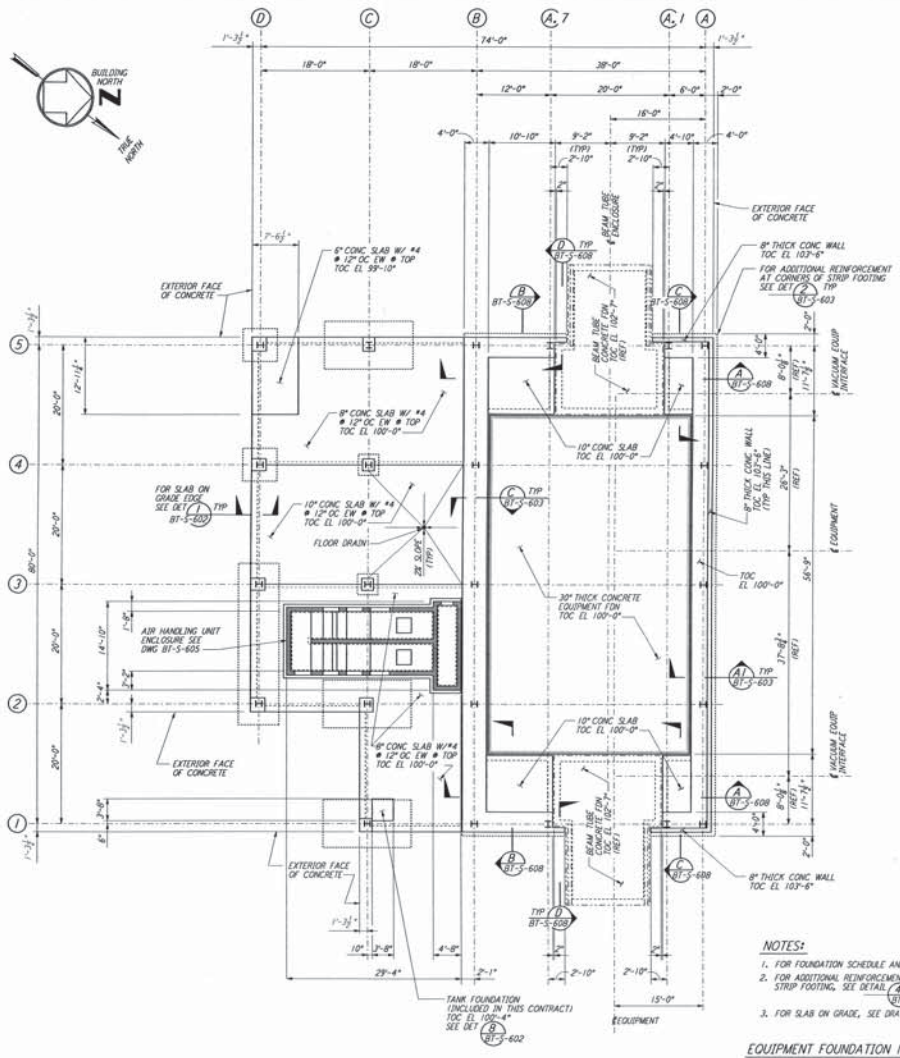
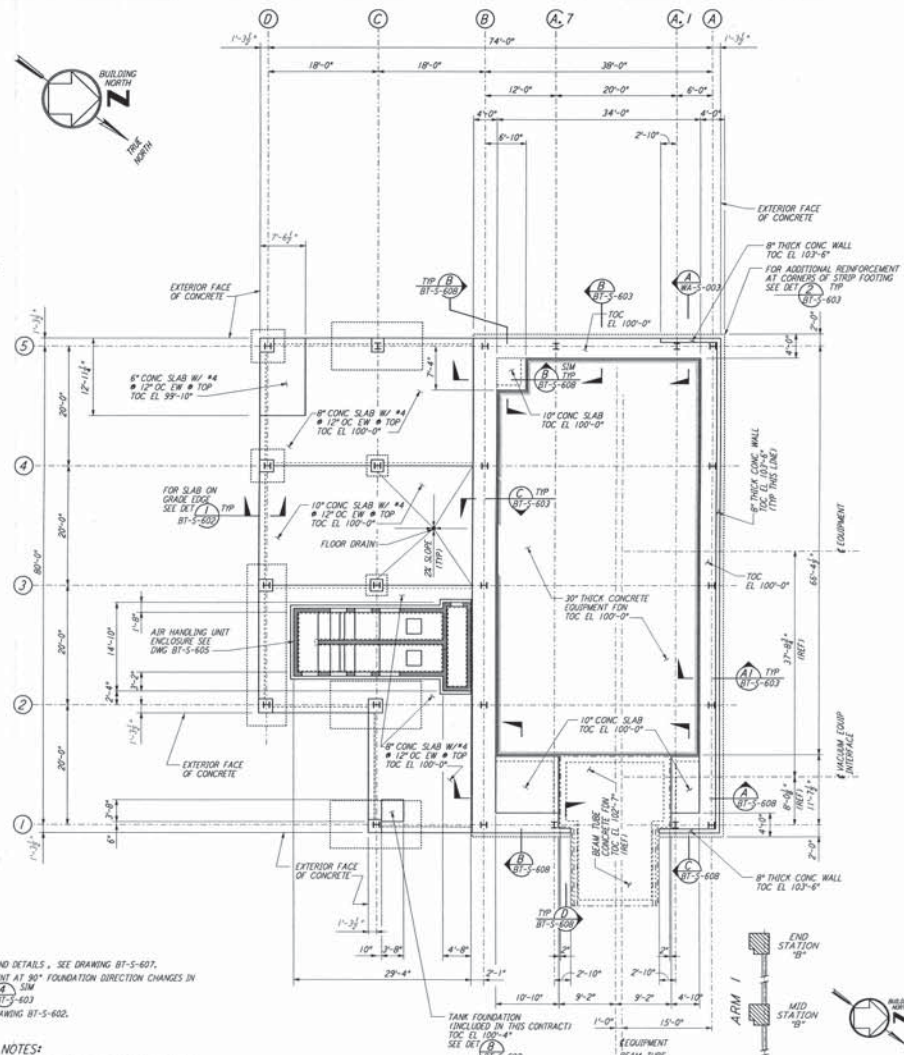


ARM 1 (SOUTHWEST ARM)

MID STATION "B" FOUNDATION PLAN

1/4" = 1'-0"

DATUM POINT EL 100'-0" = EL 532.22'



ARM 1 (SOUTHWEST ARM)

END STATION "B" FOUNDATION PLAN

1/4" = 1'-0"

DATUM POINT EL 100'-0" = EL 535.26'

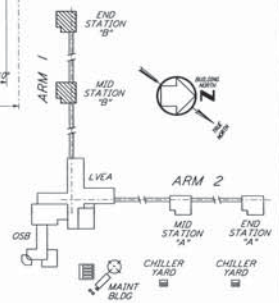
NOTES:

1. FOR FOUNDATION SCHEDULE AND DETAILS, SEE DRAWING BT-S-607.
2. FOR ADDITIONAL REINFORCEMENT AT 90° FOUNDATION DIRECTION CHANGES IN STRIP FOOTING, SEE DETAIL 2 SIM BT-S-603
3. FOR SLAB ON GRADE, SEE DRAWING BT-S-602.

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 HAVE SPARE PUMPS TO ENSURE UNINTERRUPTED PLACEMENT OF CONCRETE.
6. EQUIPMENT FOUNDATION SHALL BE CURED BY MEMBRANE CURING METHOD AS PER SPECIFICATIONS.

0 8 16 24 32FT
1/4" = 1'-0"



KEY PLAN

LIGO-D960738-00-O

REFERENCES		REVISIONS							
DRAWING NO.	DESCRIPTION	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 SITEWORK & FABRICATION - HANFORD, WA

TITLE: STRUCTURAL MID STATION "B" & END STATION "B" FOUNDATION PLANS

SCALE: AS NOTED | CONTRACT NUMBER: PP150969 | PROJECT NUMBER: 8094

SHEET NUMBER: BT-S-604 | REVISION: 0

L3OOBTF.BDR

Thu Jan 21 13:45:42 1999 C:\PLOT\DWG\S3-930820.DGN 52895 64\930820.dgn