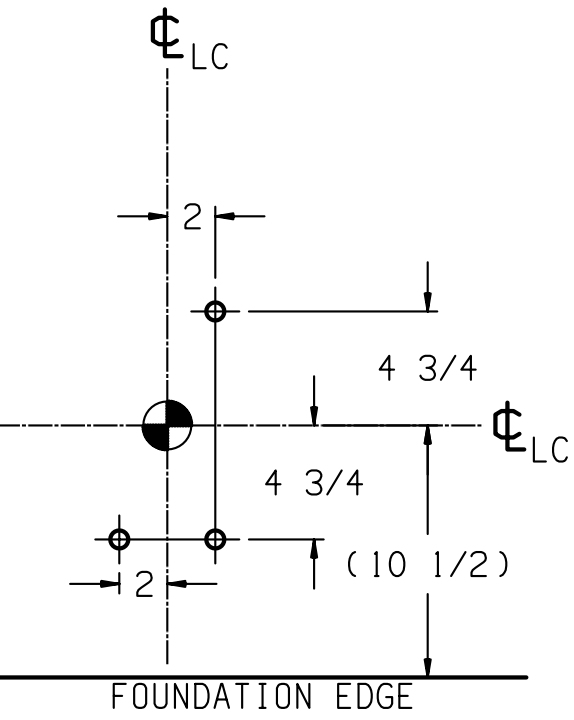
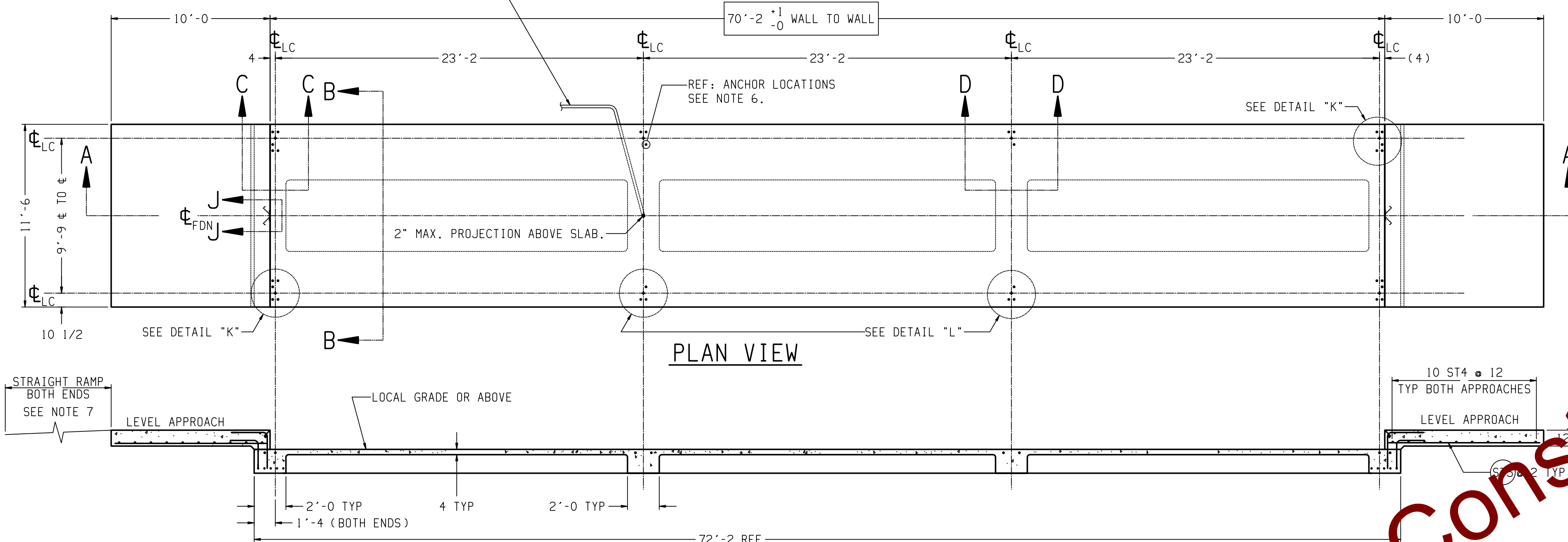
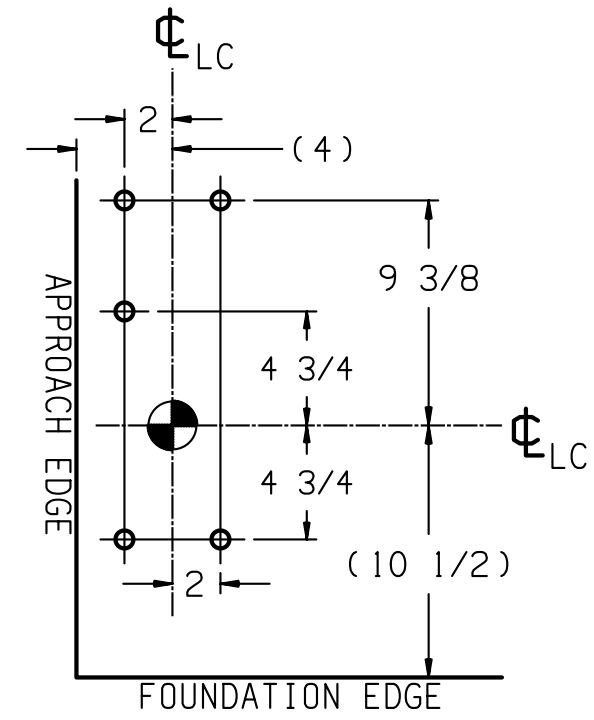


1 1/2" DIA CONDUIT <STEEL PREFERRED> FOR INSTRUMENT CABLE.
SEE CONDUIT NOTE 8



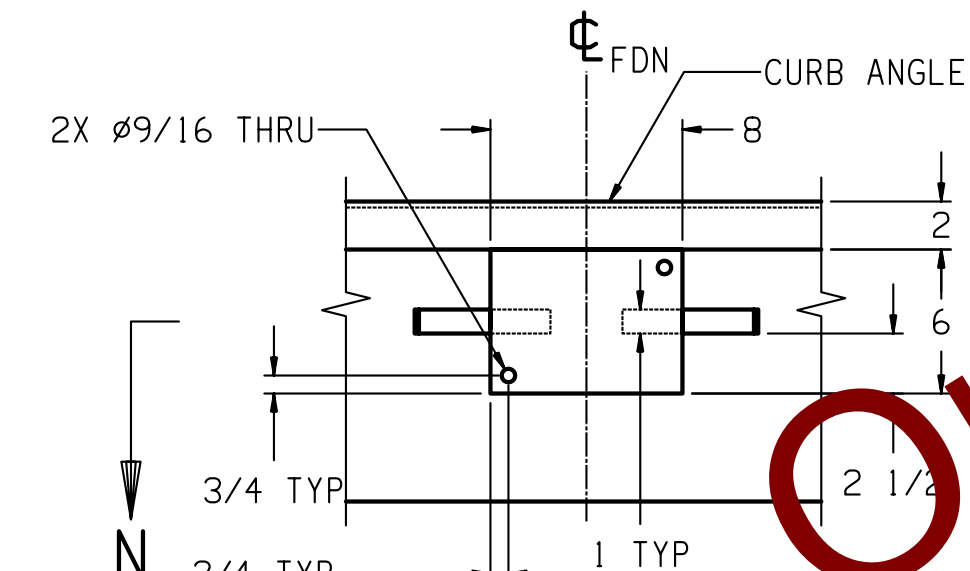
DETAIL "L"
ANCHOR LOCATIONS
(OTHER SIDE IS OPPOSITE)



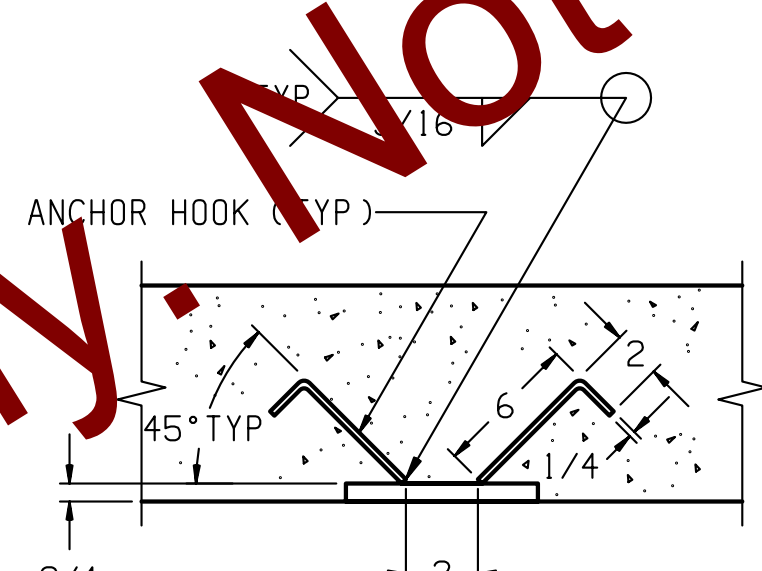
DETAIL "K"
ANCHOR LOCATIONS
(OTHER SIDE IS OPPOSITE)

PLAN VIEW

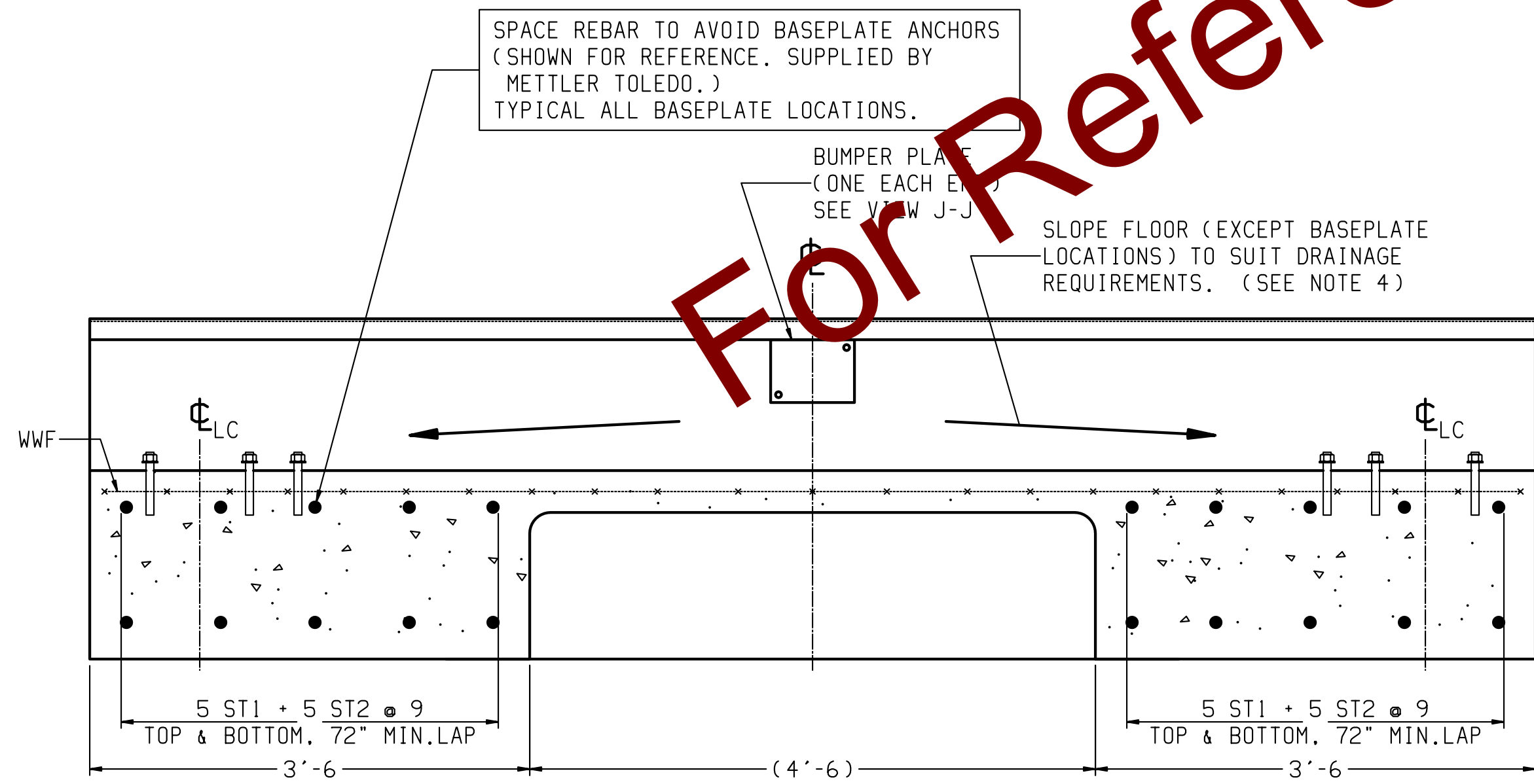
SECTION A-A



VIEW J-J
BUMPER PLATE ASSEMBLY (ONE EACH END)
MATERIAL: A36 STEEL (BY OTHERS).

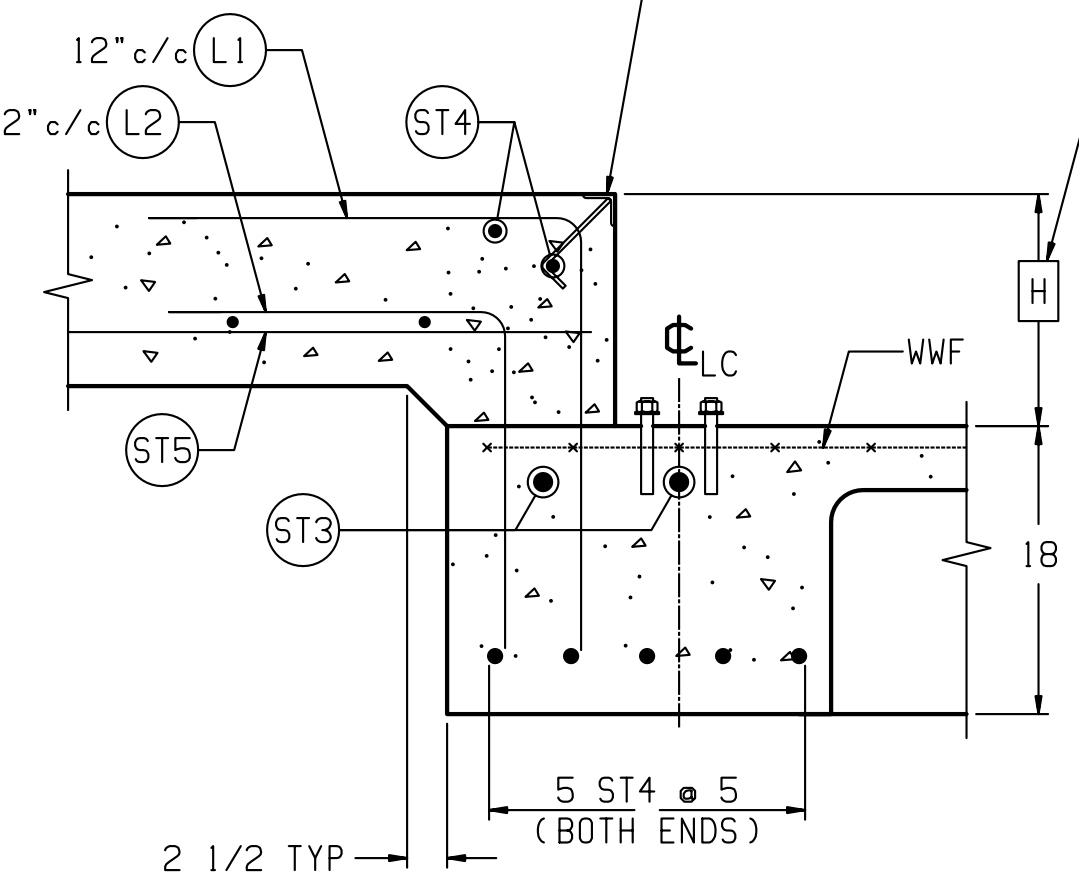


SECTION N-N



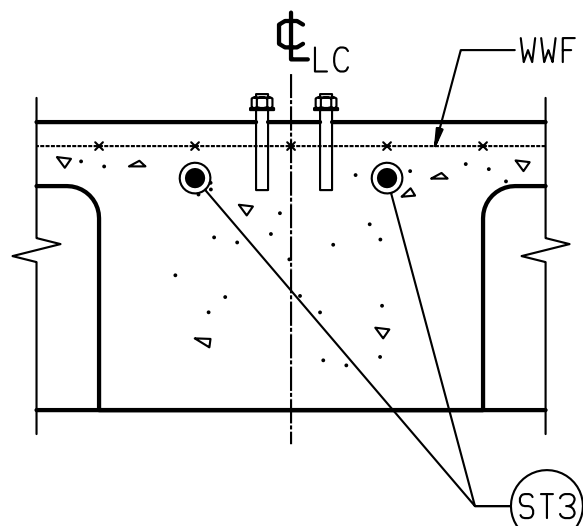
SECTION B-B
SCALE 1/12

ANGLE 2 X 2 X 1/4 WITH ANCHOR HOOKS
(REF BUMPER PLATES) ON 12" c/c.



SECTION C-C
SCALE 1/12
(TYPICAL END WALL)

AT BASEPLATE LOCATIONS (SEE NOTE 4)
DIMENSION "H" = 14 1/2" + BASEPLATE RISER HEIGHT
THUS, NO RISER: H = 14 1/2" (AS SHOWN)
3" RISER: H = 17 1/2"
6" RISER: H = 20 1/2"



SECTION D-D
SCALE 1/12
(TYPICAL FOOTER)
SINGLE BASEPLATE

REINFORCING STEEL SCHEDULE (A.S.T.M. A-615 GRADE 60)						
SYM		QTY	SIZE	LOCATION, DIRECTION	A	
					B	WGT
ST1	20	#8	FLOOR BEAMS, LONG.	40'-0"		2136
ST2	20	#8	FLOOR BEAMS, LONG.	37'-8"		2011
ST3	8	#8	FOOTERS, LATERAL	11'-0"		235
ST4	10	#5	ENDS, LATERAL	11'-0"		115
	24		APPROACHES, LATERAL			275
ST5	24	#5	APPROACHES, LONG.	9'-6"		238
L1	24	#5	APPROACH TO END TIES	2'-3"	2'-3"	113
L2	24	#5	APPROACH TO END TIES	1'-9"	1'-9"	88

L1 & L2 GIVEN WITHOUT RISER BASEPLATES.
DIMENSION "B" WILL VARY WITH THE ACTUAL
HEIGHT OF RISERS USED, AS FOLLOWS:

	L1	L2
NO RISERS	2'-3"	1'-9"
3" RISERS	2'-6"	2'-0"
6" RISERS	2'-9"	2'-3"

MATERIAL SUMMARY	
CONCRETE (CU. YDS.)	43
REINFORCING STEEL (LBS)	5211
WWF: 6x6-W1.4xW1.4 (SQ. FT.)	920

NOTES:

- USE MINIMUM 3000 PSI STRENGTH CONCRETE AT 28 DAYS WITH 5-7% AIR ENTRAINMENT.
- USE MINIMUM 60KSI YIELD DEFORMED REINFORCING STEEL. REBAR MINIMUM DEPTH OF COVER SHOULD BE IN ACCORDANCE WITH THE LATEST ACI BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-SECTION 7.7), UNLESS OTHERWISE SPECIFIED.
- FOUNDATION REQUIRES 1500 PSF RATED SOIL.
- TOP OF CONCRETE AT BASEPLATE LOCATIONS TO BE LEVEL AND IN ONE PLANE $\pm 1/8"$.
- DIAGONAL MEASUREMENTS ENDWALL TO ENDWALL MUST BE EQUAL WITHIN $1/2"$.
- BASEPLATES ANCHORS TO BE SUPPLIED BY METTLER TOLEDO. USE BASEPLATES AS TEMPLATES TO LOCATE ANCHORS DURING SCALE INSTALLATION.
- RAMP LENGTH: -PER LOCAL REGULATIONS
-1/2" SLOPE PER FOOT TYPICAL
- CONDUIT LOCATIONS MAY VARY BASED ON APPLICATION, AS LONG AS IT DOES NOT INTERFERE WITH BASE PLATE OR ANCHOR LOCATIONS. ON ABOVE GROUND INSTALLATIONS, THE CONDUIT MAY BE RUN ALONG THE SIDE OF THE FOUNDATION. PLEASE CHECK FOR LOCAL CODE REQUIREMENTS REGARDING CONDUIT PLACEMENT
- CONTRACTOR SUPPLIES:
 - EXCAVATION
 - REINFORCING STEEL
 - CURB ANGLE ASSEMBLIES (SECT C-C)
 - CONCRETE AND FORMS
 - 1 1/2" DIA CONDUIT
 - BUMPER PLATE ASSEMBLIES (VIEWS J-J & N-N)

DRAWING IS TO SCALE ONLY WHEN BORDER MEASURES 22-7/8" X 35" (FULL SIZE)

REV	CHANGE	BY	DATE	SCALE	.02	METTLER TOLEDO
A	REMOVED 12" RISER OPTION.	MDP	03/10/06	DATE	06/18/03	
B	ADDED VTS231, PDX DETAIL, CONDUIT NOTE	KRS	06/15/10	DRN MDP	APPD	
				TITLE VTS231/7562C FOUNDATION, 70' X 11' BEAM SLAB, 3-MODULES, W/ RISER OPTIONS.		
				UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE:		THIS PRINT IS FURNISHED WITH THE UNDERSTANDING THAT THE ESSENCE THEREOF WILL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN AUTHORIZATION OF METTLER-TOLEDO, INC. ALL DESIGNS ARE THE PROPERTY OF METTLER-TOLEDO, INC. AND WILL BE PROTECTED BY PATENTS.
				FRACTIONAL .XX ± .02 DECIMAL .XXX ± .005 ANGULAR ± .5°		
				TC205844		REV B