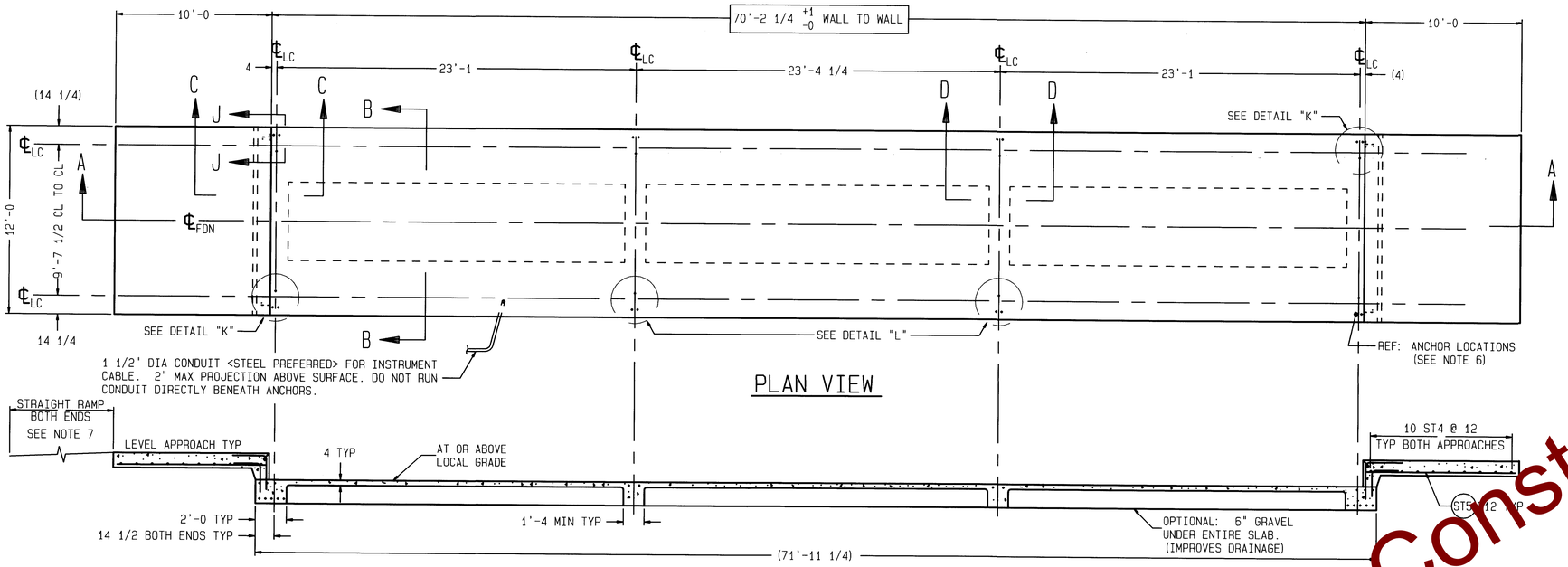
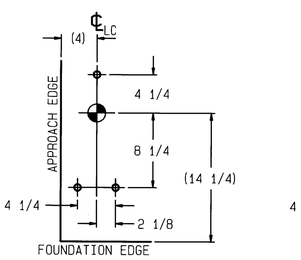
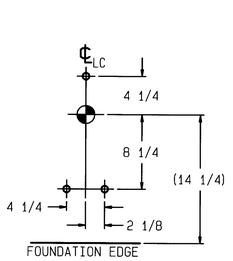


PLAN VIEW

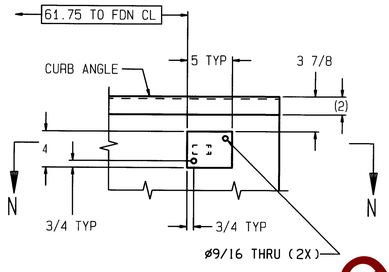
SECTION A-A



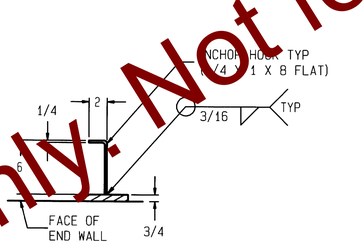
DETAIL "K"
SCALE: 1/8
ANCHOR BOLT LOCATIONS
(OTHER SIDE IS OPPOSITE)



DETAIL "L"
SCALE: 1/8
ANCHOR BOLT LOCATIONS
(OTHER SIDE IS OPPOSITE)



VIEW J-J
SCALE: 1/8
BUMPER PLATE ASSEMBLIES (TWO EACH END)
MATERIAL: H.R. STEEL (BY OTHERS).



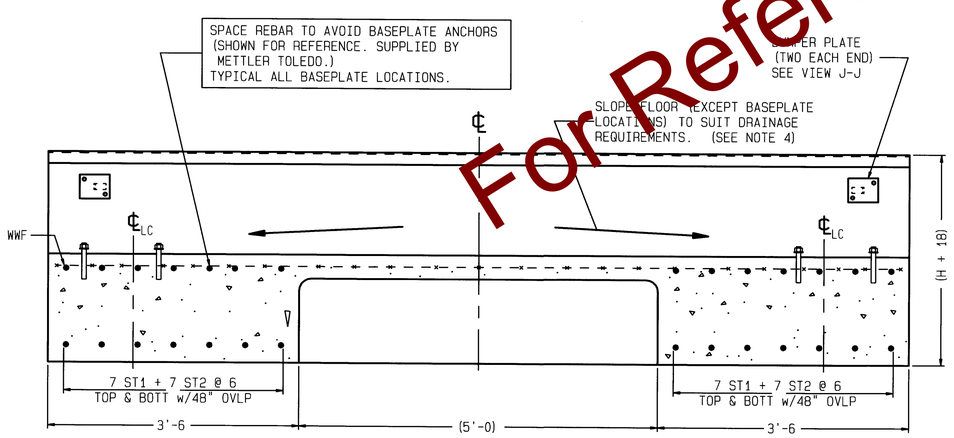
SECTION N-N
SCALE: 1/8

REINFORCING STEEL SCHEDULE (A.S.T.M. A-615 GRADE 60)						
COLD FORM BARS TO INSIDE DIMENSIONS				A, B		
SYM	QTY	SIZE	LOCATION, DIRECTION	A	B	WGT
ST1	28	#6	FLOOR BEAMS, LONG.	40'-0		1683
ST2	28	#6	FLOOR BEAMS, LONG.	35'-5		1490
ST3	10	#6	END FOOTERS, LATERAL	11'-6		173
ST4	10	#5	ENDS, LATERAL	11'-6		120
	20		APPROACHES, LATERAL			240
	4		FOOTERS, LATERAL			48
ST5	24	#5	APPROACHES, LONG.	9'-6		238
L1	24	#5	APPROACH TO END TIES	2'-2	2'-2	109
L2	24	#5	APPROACH TO END TIES	1'-8	1'-8	84

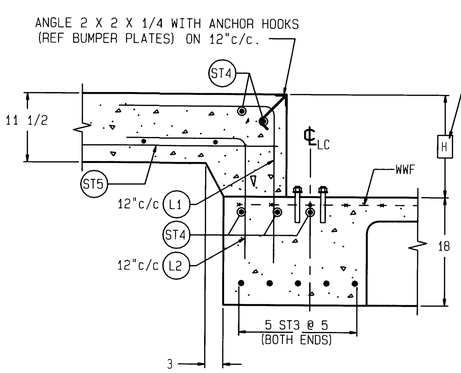
L1 & L2 GIVEN WITHOUT RISER BASEPLATES
DIMENSION "B" WILL VARY WITH THE ACTUAL HEIGHT OF RISERS USED, AS FOLLOWS:

	L1	L2
3" RISERS	2'-5	1'-11
6" RISERS	2'-8	2'-2

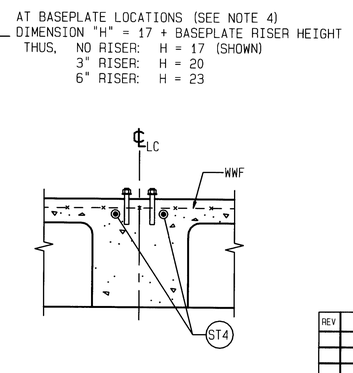
MATERIAL SUMMARY	
CONCRETE (CU. YDS.)	43
REINFORCING STEEL (LBS)	4185
WWF: 6x6_W1.4xW1.4 (SQ. FT.)	850



SECTION B-B
SCALE 1/12



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



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

For Reference Only. Not for Construction.

NOTES:

1) USE MINIMUM 3000 PSI STRENGTH CONCRETE AT 28 DAYS WITH 5-7% AIR ENTRAINMENT.
2) 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.
3) FOUNDATION REQUIRES 1500 PSF RATED SOIL.
4) TOP OF CONCRETE AT BASEPLATE LOCATIONS TO BE LEVEL AND IN ONE PLANE ±1/8"
5) DIAGONAL MEASUREMENTS ENDWALL TO ENDWALL MUST BE EQUAL WITHIN 1/2". THIS IS VERY IMPORTANT! SCALE INSTALLATION WILL BE DIFFICULT IF NOT IMPOSSIBLE IF SQUARENESS IS NOT HELD TO THIS TOLERANCE.
6) BASEPLATE ANCHORS SUPPLIED BY METTLER TOLEDO. USE BASEPLATES AS TEMPLATES TO LOCATE ANCHORS DURING SCALE INSTALLATION.
7) RAMP LENGTH: -PER LOCAL REGULATIONS
   -1/2" SLOPE PER FOOT TYPICAL
8) CONTRACTOR SUPPLIES:
   -EXCAVATION
   -REINFORCING STEEL
   -CURB ANGLE ASSEMBLIES (SECT C-C)
   -BUMPER PLATE ASSEMBLIES (VIEWS J-J & N-N)
   -CONCRETE AND FORMS
   -1 1/2" DIA CONDUIT (STEEL PREFERRED)

REV	CHANGE	BY	DATE

SCALE .02
DATE 03/2/11
DRN KRS APPD JLB

METTLER TOLEDO

TITLE VTS10X, FOUNDATION, BEAM SLAB, 70' X 11', (3-MOD), WITH RISER BASEPLATE OPTIONS

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE:
FRACTIONAL ±1/32 DECIMAL .XX ±.02 .XXX ±.005 ANGULAR ±.5°

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