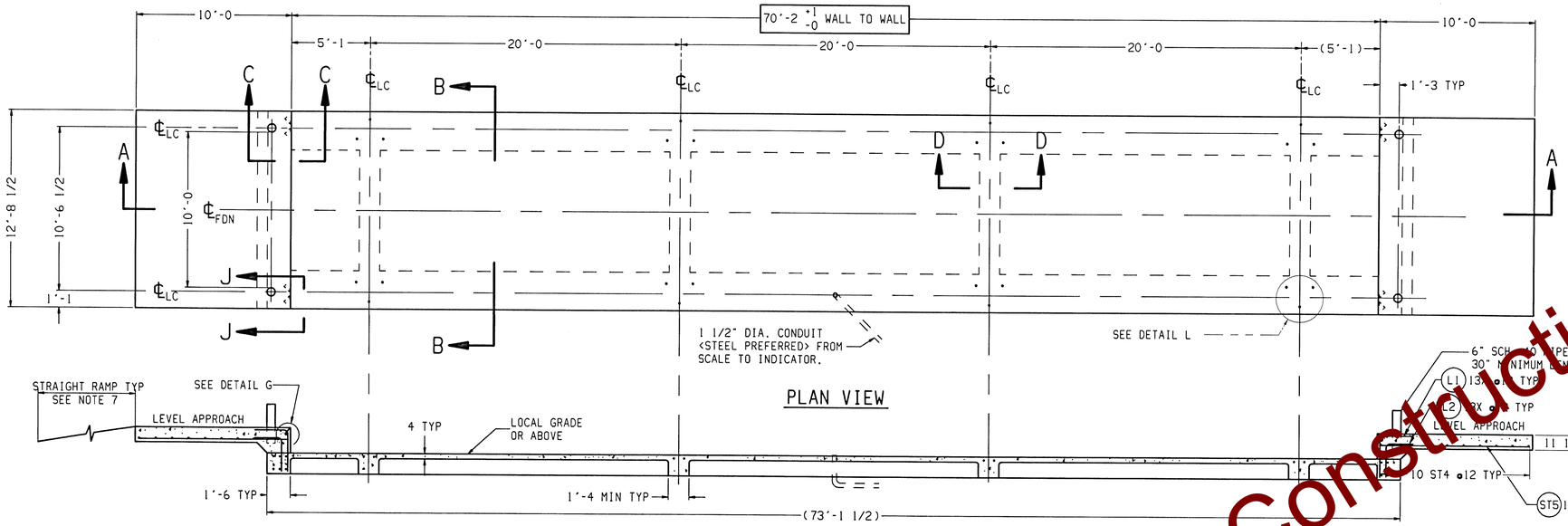
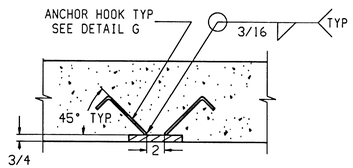
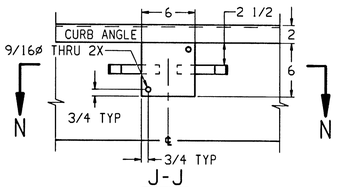


REINFORCING STEEL SCHEDULE (A.S.T.M. A-615 GRADE 60)						
COLD FORM BARS TO INSIDE DIMENSIONS				A, B		
SYM	QTY	SIZE	LOCATION, DIRECTION	A	B	WGT
ST1	20	#6	FLOOR BEAMS, LONG.	40'-0		1202
ST2	20	#6	FLOOR BEAMS, LONG.	36'-6		1097
ST3	6	#6	END FOOTERS, LATERAL	12'-2		110
ST4	10	#5	ENDS, LATERAL	12'-2		127
	20		APPROACHES, LATERAL			254
	8		FOOTERS, LATERAL			102
ST5	26	#5	APPROACHES, LONG.	9'-6		258
L1	26	#5	APPROACH TO END TIES	2'-8	2'-8	145
L2	26	#5	APPROACH TO END TIES	2'-2	2'-2	118

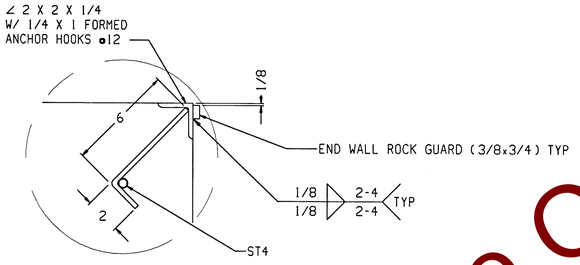


N-N



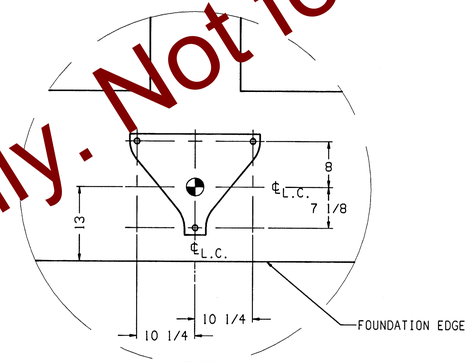
J-J

(SCALE: 1:8)
BUMPER PLATE ASSY'S: TWO EACH END
MATERIAL: H.R. STEEL
SEE NOTE 10



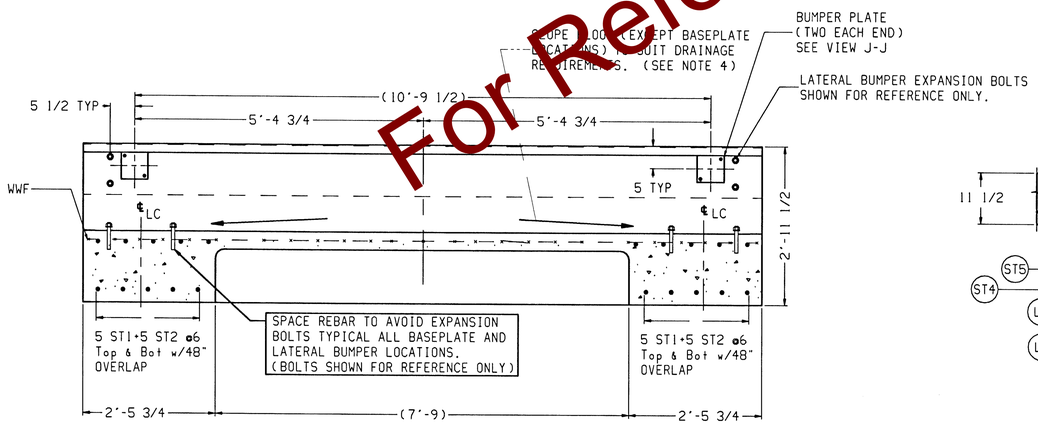
DETAIL G

(SCALE: 1:4)
SEE NOTE 10



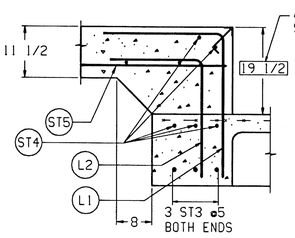
DETAIL L

(SCALE: 1:4)
EXPANSION BOLT PLACEMENT
(OTHER SIDE IS OPPOSITE)
SEE NOTE 6



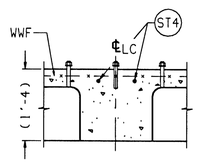
SECTION B-B

(SCALE 1:16)



SECTION C-C

(SCALE 1:16)
(TYPICAL END WALL)



SECTION D-D

(SCALE 1:16)
(TYPICAL)

MATERIAL SUMMARY *	
CONCRETE (CU. YDS.)	38
REINFORCING STEEL (LBS)	3413
WWF: 6x6_W1.4xW1.4 (SQ. FT.)	925

* REFER TO SCALE GENERAL LAYOUT DRAWING FOR DECK CONCRETE AND REINFORCING STEEL SPECIFICATIONS.

NOTES:

1) USE MINIMUM 3000 PSI STRENGTH CONCRETE AT 28 DAYS WITH 5-7% AIR ENTRAINMENT.
2) USE MINIMUM 60KSI YIELD DEFORMED REINFORCING STEEL.
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".
6) BASEPLATE AND LATERAL BUMPER EXPANSION BOLTS TO BE SUPPLIED BY METTLER TOLEDO. USE BASEPLATES AND LATERAL BUMPERS AS TEMPLATES TO LOCATE EXPANSION BOLTS DURING SCALE INSTALLATION.
7) RAMP LENGTH: -PER LOCAL REGULATIONS
   -1/2" SLOPE PER FOOT TYPICAL
8) 6" OF GRAVEL MAY BE USED UNDER APPROACHES AND SLAB AS AN OPTION TO IMPROVE DRAINAGE.
9) MINIMUM DEPTH OF COVER FROM THE SURFACE FOR REBAR IS 2". HOWEVER IN PLACES WHERE THE SURFACE IS IN CONTACT WITH THE GROUND, THE REBAR COVER SHOULD BE 3".
10) CONTRACTOR SUPPLIES:
   -EXCAVATION
   -CONCRETE AND FORMS
   -REINFORCING STEEL
   -1 1/2" DIA CONDUIT
   -CURB ANGLE ASSEMBLIES (DETAIL G)
   -BUMPER PLATE ASSEMBLIES (VIEWS J-J & N-N)
   -END WALL ROCK GUARD (DETAIL G)
   -6" SCH. 40 PIPE
   -WWF (6X6_W1.4XW1.4)

For Reference Only. Not for Construction.

REV	CHANGE	BY	DATE

SCALE 1:50
DATE 11/02/98
DRN JEB APPD
TITLE 7531 FOUNDATION: BEAM SLAB 70' X 10', KD

METTLER TOLEDO

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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