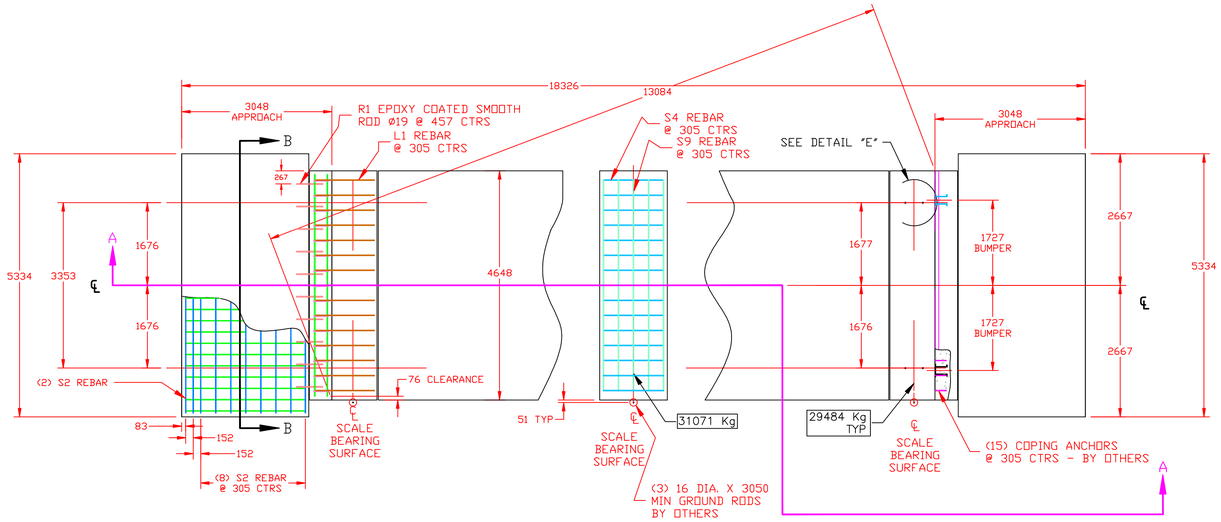
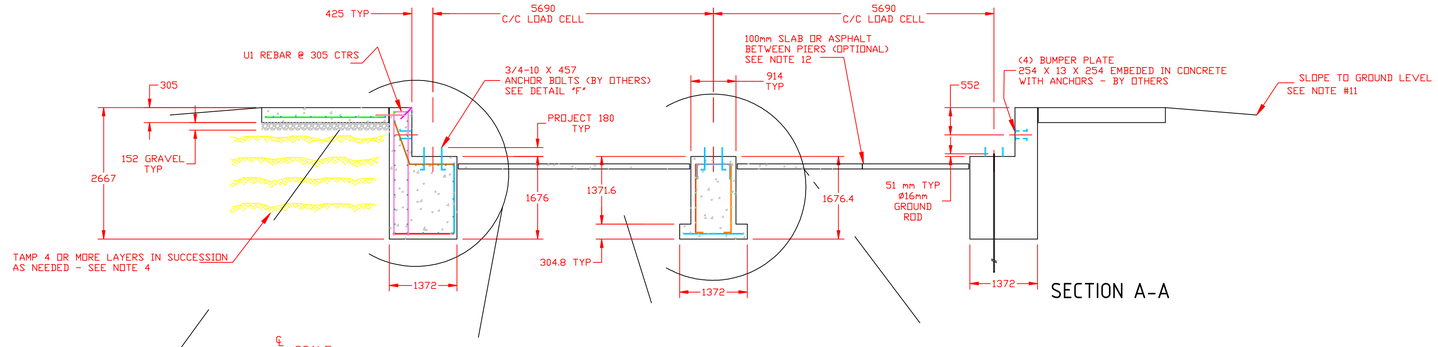
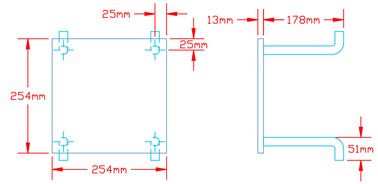
REVISIONS					
ZONE	REV	DESCRIPTION	BY	DATE	APPR

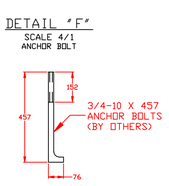




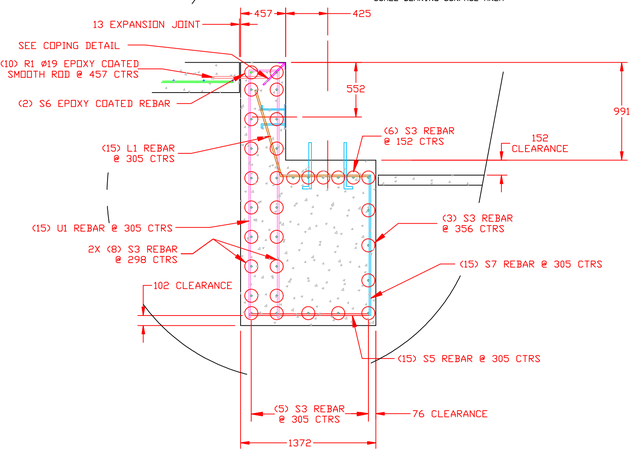
SECTION A-A



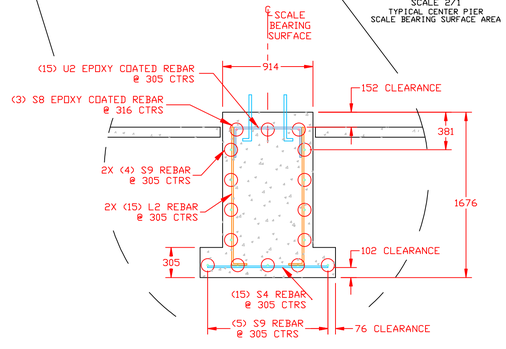
DETAIL "F"
SCALE 4/1
ANCHOR BOLT

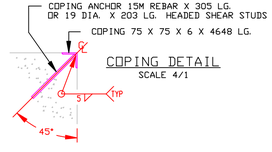


DETAIL "C"
SCALE 2/1
TYPICAL END PIER
SCALE BEARING SURFACE AREA



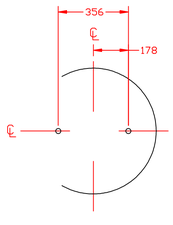
DETAIL "D"
SCALE 2/1
TYPICAL CENTER PIER
SCALE BEARING SURFACE AREA



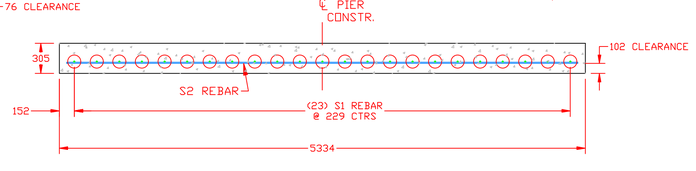


COPING DETAIL
SCALE 4/1

DETAIL "E"
SCALE 4/1
SCALE BEARING SURFACE TO BE LEVEL TYP 6 PLACES



SECTION B-B
SCALE 2/1



NOTES :

1) EXCAVATION, FORMS REBARS & CONCRETE FURNISHED BY CONTRACTOR. ERECT FORMS & SET ANCHOR BOLTS FROM CENTERLINES. TOLERANCE ON DIMENSIONS IS + 3mm UNLESS SPECIFIED OTHERWISE.
2) TOP OF PIERS MUST BE SMOOTH & LEVEL & AT THE SAME ELEVATION BY TRANSIT.
3) MATERIALS, FABRICATION & WORKMANSHIP TO BE IN ACCORDANCE WITH CURRENT A.C.I. CODES.. ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 20684 KPa IN 28 DAYS. 6% AIR.
4) COMPACT BACKFILL & GRAVEL UNDER APPROACHES IN 150mm LAYERS. THE OUTSIDE HALF OF APPROACHES TO REST ON FIRM GROUND.
5) PIER LOAD SHOWN INCLUDE LIVE AND DEAD LOADS.
6) MINIMUM SOIL BEARING CAPACITY OF 120 KPa IS REQUIRED.
7) FOOTING MUST BE CARRIED BELLOW THE LOCAL FROST LEVEL.
8) FOR UNUSUAL CONDITIONS OF : UNSUITABLE SOIL BEARING CAPACITY, HIGH WATER TABLE, ETC. THE USE OF THIS PLAN IS VOID.
9) WEIGH-TRONIX ULC. WILL NOT BE RESPONSIBLE FOR THE STABILITY OF THIS FOUNDATION IF CONSTRUCTION IS NOT IN STRICT ACCORDANCE WITH THIS PLAN.
10) 50mm CONDUIT REQUIRED TO RUN TO INSTRUMENT IN WEIGHOUSE. (SUPPLIED BY OTHERS).
11) SLOPE APPROACH RAMPS TO SUIT VEHICLE CONFIGURATIONS TO BE WEIGHED.
12) IF OPTIONAL 100mm CLEAN-OUT SLAB IS USED, THE SURFACE MUST BE SLOPED DOWN FROM THE LONGITUDINAL CENTER LINE TO EACH SIDE TO PREVENT DIRT AND WATER ACCUMULATION UNDER THE SCALE.

* IF NO GUIDE POST, APPROACH MAY BE 4650 WIDE. THEN, S2 MAY BE 4496 LONG; S1 QTY. = 40.

REBAR DATA CHART

	IDENT	SIZE	LG. mm	SHAPE	QTY
*	S1	15M	2438	STR.	46
*	S2	15M	5182	STR.	20
	S3	15M	4496	STR.	60
	S4	15M	1219	STR.	15
	S5	15M	1219	STR.	30
	S6	15M	4496	STR.	4
	S7	15M	1422	STR.	30
	S8	15M	4496	STR.	3
	S9	15M	4496	STR.	13
	R1	3/4" DIA. ROD	533	STR.	20
	L1	15M	1829	915 / 915	30
	L2	15M	1575	1829 / 1422	30
	U1	15M	5334	305 / 2515	30
	U2	15M	1372	305 / 762	15
	COPING ANCHOR	15M	305	STR.	28

LIST OF RAW MATERIALS

PIER & APPROACH CONCRETE (SEE NOTE #4)	40,1 CU. METERS
15M REBAR	955,8 METERS (1500,94 Kg)
19mm DIA. SMOOTH ROD	10,7 METERS (24 Kg)
GROUND RODS (3 PCS) 16mm DIA. X 3050mm LG. COPPER CLAD FUSION WELDED	9,15 METERS
* COPING 75mm x 75mm x 6mm x 4648mm LG 2 PC'S	9,3 METERS
OPTIONAL CONCRETE SLAB BETW PIERS 100mm THK.	4,1 CU. METERS

* MAY BE PURCHASED FROM WEIGH-TRONIX INC, NOT SUPPLIED WITH SCALE.

APPROVAL:	SIGNATURE & DATE	
DRAWN	E.R.	15 FEB 2013
MECH. ENG.	R. Kuppe	18 FEB 2013

TOLERANCE
UNITS ± 3mm
ANGLES ± 1°

DIMENSIONS ARE IN MILIMETERS
MESURE UNITS ARE IN METRIC SYSTEM
(XXXX) DENOTES REFERENCE DATA

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DO NOT SCALE DRAWING

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WEIGH-TRONIX CANADA ULC.
217 BRUNSWICK BLVD POINTE CLAIRE
QUEBEC CANADA H9R 4R7
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CONSTRUCTION DRAWING
A/G, DEEP PIER, AG10040153-S
100T CAPACITY

SIZE	DWG NO.	REV.
D	142191 M	
SCALE: NTS	DCN	SHEET 1 OF 2