

LEGEND

- PERMIT BOUNDARY
- WASTE UNIT BOUNDARY
- PERIMETER DITCH
- PERIMETER ACCESS ROAD
- + MW-1 GROUNDWATER MONITORING WELL (UPGRADIENT)
- + GW-10 GROUNDWATER MONITORING WELL (DOWNGRADIENT)
- CLOMR 100-YEAR FLOODPLAIN
- POINT OF COMPLIANCE (P.O.C.)

NOTES

1. EXISTING CONTOURS DEVELOPED FROM SITE AERIAL TOPOGRAPHIC SURVEY BY DALLAS AERIAL SURVEYS ON FEBRUARY 15, 2010.
2. FOR CLARITY, NOT ALL SITE FEATURES MAY BE SHOWN.
3. THE NEED FOR FLEXIBILITY TO ACCOMMODATE ADJUSTMENTS AND MODIFICATIONS IS ANTICIPATED CONSIDERING THE SIZE, COMPLEXITY, AND LIFE OF THE PROJECT.
4. MW-3 TO MW-33 ARE DOWNGRADIENT ALONG P.O.C.
5. MW-1, MW-2, AND MW-34 TO MW-38 ARE UPGRADIENT,

GROUNDWATER MONITORING WELL
SEE DETAIL 1
F.1-2

REV. NO.	DATE	DESCRIPTION

CB&I Environmental & Infrastructure, Inc.
TBPE FIRM F-5650

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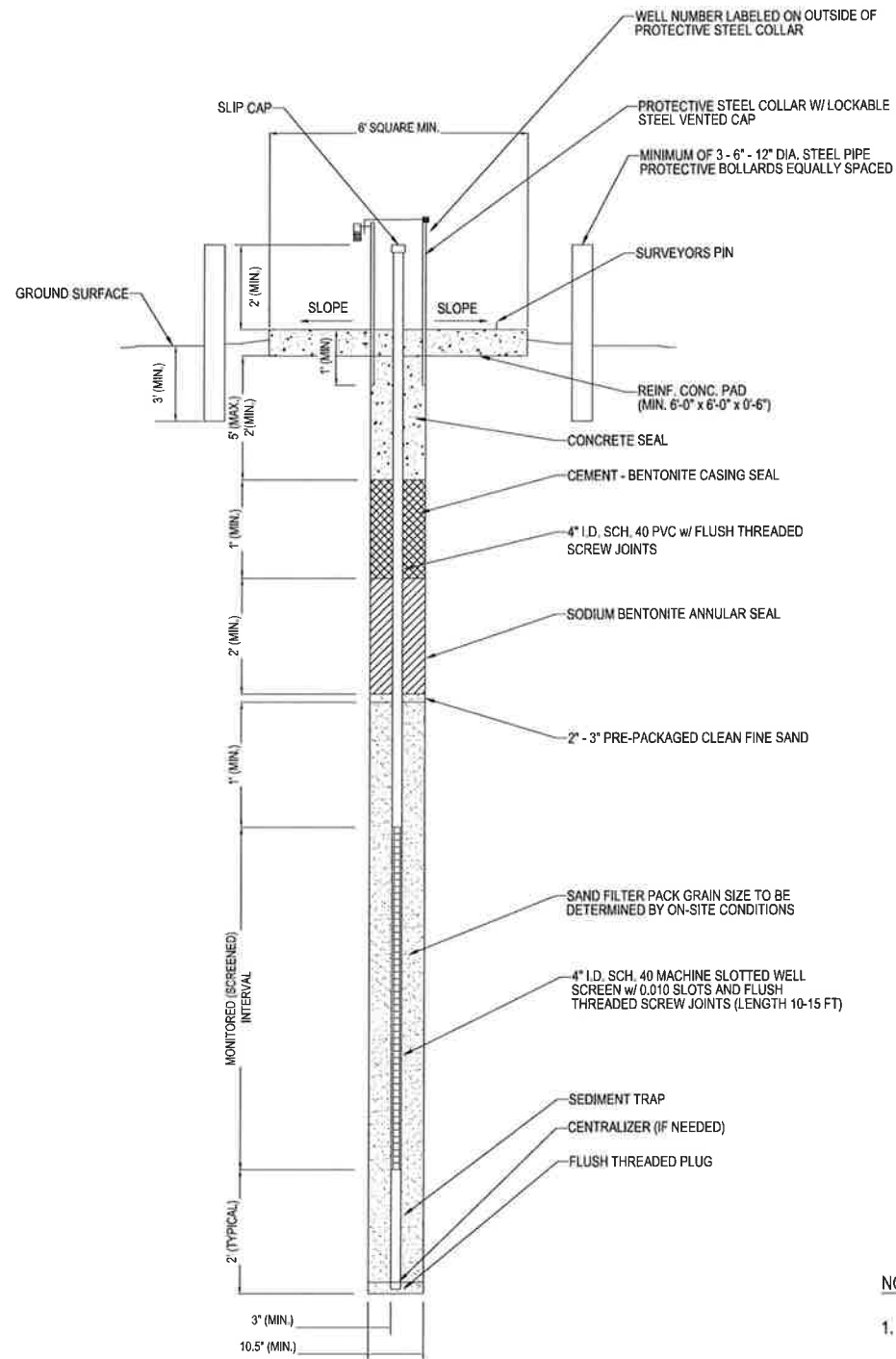
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Michael W. Oden

**PESCADITO ENVIRONMENTAL RESOURCE CENTER
 WEBB COUNTY, TEXAS
 MSW 2374**

GROUNDWATER MONITORING SYSTEM PLAN

PROJ. NO.: 148866	DATE: MARCH 2015	DRAWING NO.
DESIGNED BY: -		III
DRAWN BY: MTE		F.1-1
CHECKED BY: RDS		
APPROVED BY: MWO		1 OF 2 SHEETS



NOTES:

1. MONITORING WELL INSTALLATION SHALL CONFORM TO METHODS AND MATERIALS DESCRIBED IN APPLICABLE REGULATIONS OF TCEQ.
2. PTFE TAPE OR O-RINGS ON ALL JOINTS.
3. SCREEN INTERVAL TO BE FROM 9' BELOW GROUND SURFACE TO 5' BELOW LINER ELEVATION AT EACH WELL LOCATION.

GROUNDWATER MONITORING WELL SUMMARY TABLE

Well Name	Northing	Easting	Ground Surface Elevation (ft MSL)	Depth to Liner (ft)
MW-1	17098886.69	773881.16	565.91	107.91
MW-2	17097702.31	773688.14	559.21	102.54
MW-3	17097110.12	773591.63	556.43	100.58
MW-4	17096518.07	773494.27	554.75	99.72
MW-5	17095926.02	773396.92	552.54	98.32
MW-6	17095334.01	773299.35	550.91	98.68
MW-7	17094751.01	773153.82	549.51	99.93
MW-8	17094169.73	773005.28	548.77	101.46
MW-9	17093587.87	772856.59	548.00	102.47
MW-10	17093007.29	772707.40	546.58	102.83
MW-11	17092426.17	772558.07	545.54	103.58
MW-12	17091845.05	772408.73	544.09	103.91
MW-13	17091263.93	772259.40	542.59	104.19
MW-14	17090661.89	772104.69	540.87	102.87
MW-15	17090315.17	771600.30	539.35	101.35
MW-16	17089980.45	771102.31	538.01	99.81
MW-17	17090078.66	770498.36	536.84	98.24
MW-18	17090229.27	769917.57	534.01	95.01
MW-19	17090604.86	769395.12	534.50	95.10
MW-20	17090986.53	769111.29	536.55	96.91
MW-21	17091428.42	769025.09	537.64	97.86
MW-22	17091577.75	768443.97	537.68	97.68
MW-23	17091984.47	768293.13	537.94	97.94
MW-24	17092567.11	768436.39	540.44	99.33
MW-25	17093149.76	768579.65	541.99	99.44
MW-26	17093732.41	768722.91	541.54	97.54
MW-27	17094315.05	768866.17	547.36	101.91
MW-28	17094897.70	769009.43	540.00	93.11
MW-29	17095480.34	769152.69	541.99	93.49
MW-30	17096067.47	769269.65	543.99	93.24
MW-31	17096664.67	769327.57	547.69	95.16
MW-32	17097261.87	769385.49	552.73	98.97
MW-33	17097829.62	769191.05	558.02	103.18
MW-34	17098750.56	769569.69	556.70	99.89
MW-35	17099883.71	769707.17	563.37	105.37
MW-36	17099726.98	770651.32	560.31	102.31
MW-37	17099530.46	771835.12	566.08	108.08
MW-38	17099333.94	773018.92	559.58	101.58

1
F.1-2

TYPICAL GROUNDWATER MONITORING WELL

NOT TO SCALE

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MSW 2374**

TYPICAL GROUNDWATER MONITORING WELL DETAIL

PROJ. NO.:	148866	DATE:	MARCH 2015
DESIGNED BY:	-	DRAWING NO.	III F.1-2
DRAWN BY:	MTE		
CHECKED BY:	RDS		
APPROVED BY:	MWO		2 OF 2 SHEETS