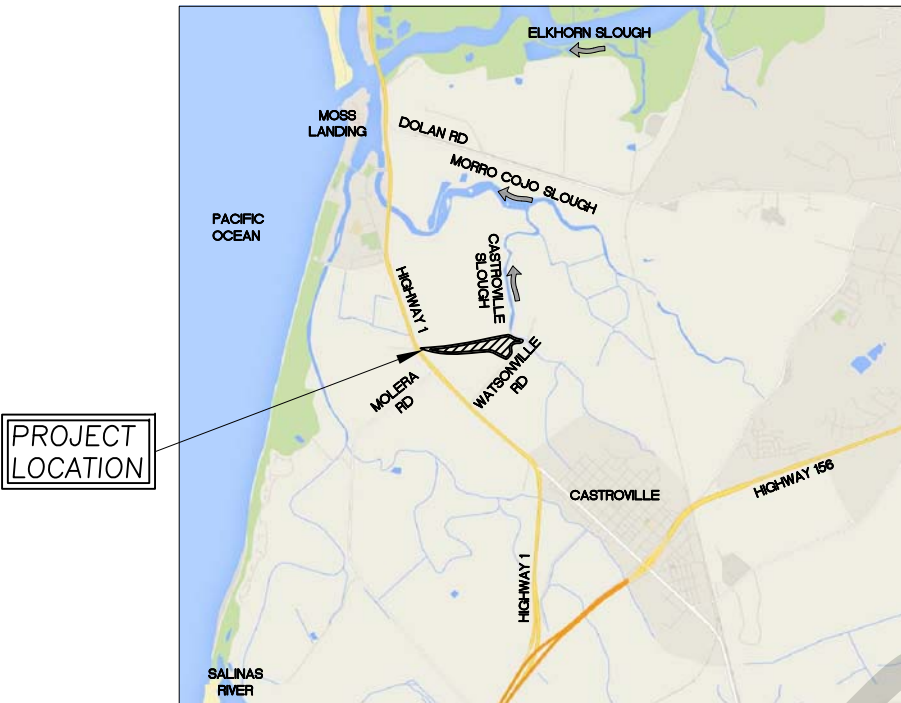
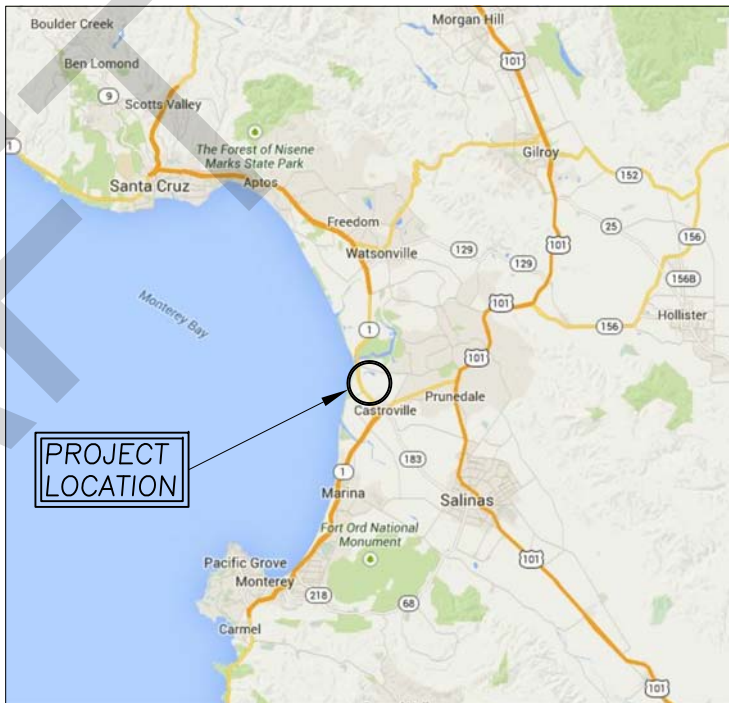


PG&E TREATMENT WETLANDS  
(APN 133-142-005-000)  
2058 WATSONVILLE ROAD, CASTROVILLE, CA 95012

100% DESIGN SUBMITTAL - FINAL



VICINITY MAP  
N.T.S. (GOOGLE)



REGIONAL MAP  
N.T.S. (GOOGLE)

SHEET INDEX

C1	COVER SHEET
C2	PROPOSED SITE PLAN (1 OF 2)
C3	PROPOSED SITE PLAN (2 OF 2)
C4	SEDIMENT FOREBAY AND PRETREATMENT SITE PLAN
C5	TYPICAL PROFILES AND SECTIONS
C6	TYPICAL SECTIONS AND DETAILS (1 OF 2)
C7	TYPICAL SECTIONS AND DETAILS (2 OF 2)
C8	EROSION CONTROL AND ACCESS PLAN
C9	EXISTING CONDITIONS (1 OF 2)
C10	EXISTING CONDITIONS (2 OF 2)
C11	GENERAL NOTES

GENERAL NOTES

- TOPOGRAPHIC MAPPING WAS PERFORMED BY:  
WATERWAYS CONSULTING INC.  
509A SWIFT STREET  
SANTA CRUZ, CA 95060  
SURVEY DATES: OCTOBER 6, 2014; OCTOBER 14, 2014; DECEMBER 13, 2014.
- ELEVATION DATUM: GPS TIES TO NAVD 88 USING THE LEICA GEOSYSTEMS SMARTNET GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS).
- BASIS OF BEARINGS: GPS TIES TO NAD 83 CALIFORNIA STATE PLANE, ZONE 4 USING THE LEICA GEOSYSTEMS SMARTNET GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS).
- CONTOUR INTERVAL IS ONE FOOT. ELEVATIONS AND DISTANCES SHOWN ARE IN DECIMAL FEET.
- THIS IS NOT A BOUNDARY SURVEY. PROPERTY LINES SHOWN HEREON ARE APPROXIMATE, AND BASED ON RECORD INFORMATION.
- ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE 2010 EDITION OF THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS, ISSUED BY THE DEPARTMENT OF TRANSPORTATION (HEREAFTER REFERRED TO AS "STANDARD SPECIFICATIONS").
- AERIAL PHOTO SOURCE:  
GOOGLE EARTH PRO  
PHOTOGRAPH DATE: 8/25/2013

ABBREVIATIONS

AVG.	AVERAGE
CC	CONCRETE
CY	CUBIC YARDS
DIA.	DIAMETER
E	EXISTING
E.G.	EXISTING GROUND
ELEV.	ELEVATION
FG	FINISHED GRADE
FT	FEET
INV	INVERT
N	NEW
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
RC	RELATIVE COMPACTION
RSP	ROCK SLOPE PROTECTION
SPK	SPIKE
SF	SQUARE FOOT
T	TREE
TBD	TO BE DETERMINED
TYP	TYPICAL
UNK	UNKNOWN
WS	WATER SURFACE ELEVATION
YR	YEAR

PROJECT DESCRIPTION

THESE DRAWINGS PROVIDE DETAILS FOR THE CONSTRUCTION OF A TREATMENT WETLAND ON A PARCEL OF LAND OWNED BY PG&E. PUMPED DISCHARGE (1,000 GPM PUMP) FROM THE CASTROVILLE SLOUGH, A BRANCH OF THE MORRO COJO SLOUGH, WILL BE DIVERTED INTO THE CONSTRUCTED WETLAND. THE FLOW WILL BE ROUTED THROUGH THE WETLAND AND THEN DISCHARGED FROM THE WETLAND BACK INTO CASTROVILLE SLOUGH ROUGHLY 600 FT. DOWNSTREAM OF THE DIVERSION POINT.

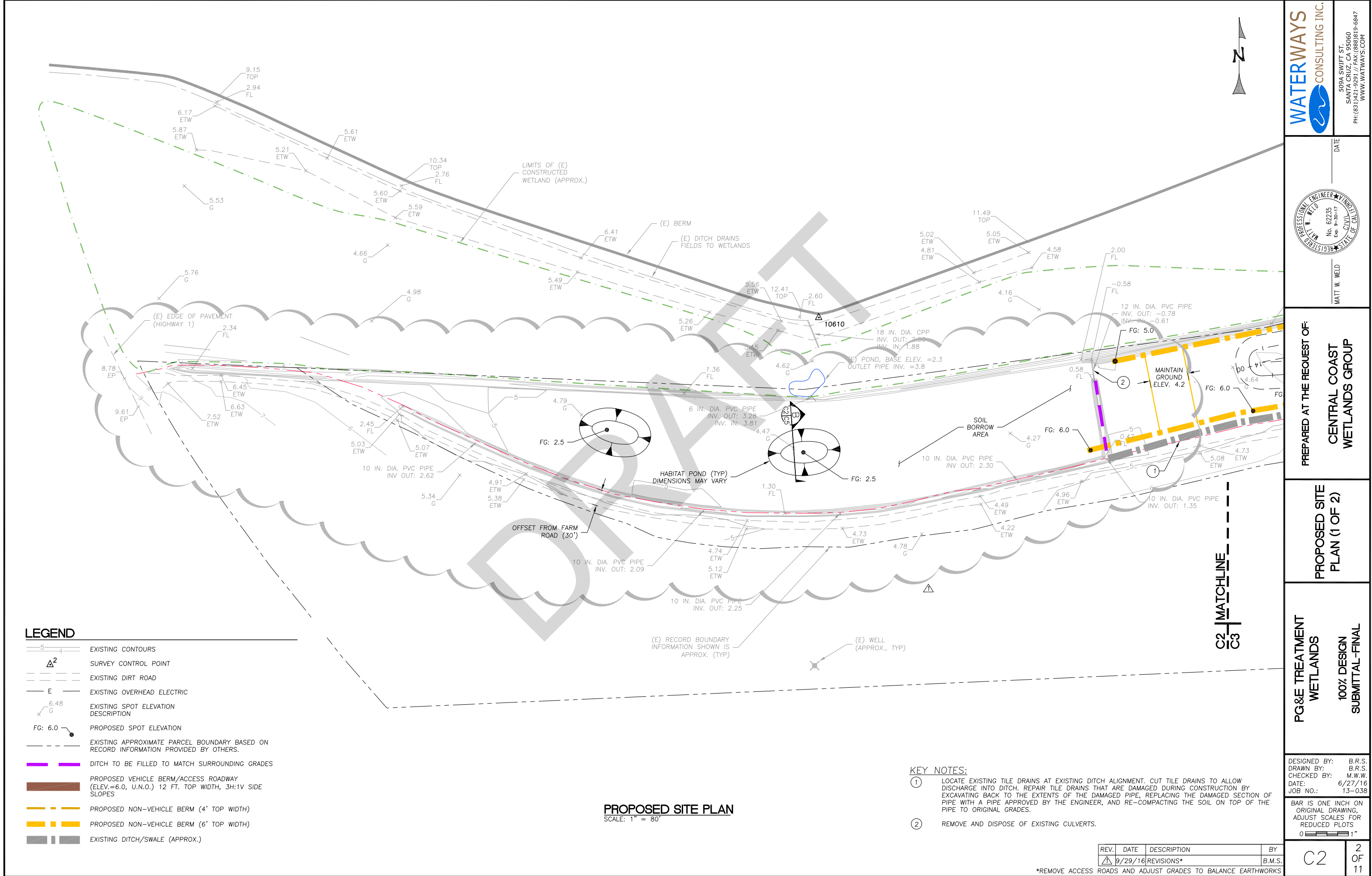
SECTION AND DETAIL CONVENTION

SECTION OR DETAIL IDENTIFICATION  
(NUMBER OR LETTER)

5  
C2C3

REFERENCE SHEET FROM WHICH  
DETAIL OR SECTION IS TAKEN.

REFERENCE SHEET ON WHICH  
SECTION OR DETAIL IS SHOWN.



LEGEND

- EXISTING CONTOURS
- SURVEY CONTROL POINT
- EXISTING DIRT ROAD
- EXISTING OVERHEAD ELECTRIC
- EXISTING SPOT ELEVATION DESCRIPTION
- PROPOSED SPOT ELEVATION
- EXISTING APPROXIMATE PARCEL BOUNDARY BASED ON RECORD INFORMATION PROVIDED BY OTHERS.
- DITCH TO BE FILLED TO MATCH SURROUNDING GRADES
- PROPOSED VEHICLE BERM/ACCESS ROADWAY (ELEV.=6.0, U.N.O.) 12 FT. TOP WIDTH, 3H:1V SIDE SLOPES
- PROPOSED NON-VEHICLE BERM (4' TOP WIDTH)
- PROPOSED NON-VEHICLE BERM (6' TOP WIDTH)
- EXISTING DITCH/SWALE (APPROX.)

PROPOSED SITE PLAN  
SCALE: 1" = 80'

KEY NOTES:

- LOCATE EXISTING TILE DRAINS AT EXISTING DITCH ALIGNMENT. CUT TILE DRAINS TO ALLOW DISCHARGE INTO DITCH. REPAIR TILE DRAINS THAT ARE DAMAGED DURING CONSTRUCTION BY EXCAVATING BACK TO THE EXTENTS OF THE DAMAGED PIPE, REPLACING THE DAMAGED SECTION OF PIPE WITH A PIPE APPROVED BY THE ENGINEER, AND RE-COMPACTING THE SOIL ON TOP OF THE PIPE TO ORIGINAL GRADES.
- REMOVE AND DISPOSE OF EXISTING CULVERTS.

REV.	DATE	DESCRIPTION	BY
1	9/29/16	REVISIONS*	B.M.S.

\*REMOVE ACCESS ROADS AND ADJUST GRADES TO BALANCE EARTHWORKS

**WATERWAYS CONSULTING INC.**

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PH: (831) 285-1111 FAX: (831) 285-1112  
WWW.WATERWAYS.COM

DATE

NO. 62235  
Exp. 9-30-17

MATT W. WELD  
REGISTERED PROFESSIONAL ENGINEER  
No. 62235  
Exp. 9-30-17  
CIVIL  
STATE OF CALIF.

PREPARED AT THE REQUEST OF:

**CENTRAL COAST WETLANDS GROUP**

PROPOSED SITE PLAN (1 OF 2)

PG&E TREATMENT WETLANDS

100% DESIGN SUBMITTAL-FINAL

DESIGNED BY: B.R.S.  
DRAWN BY: B.R.S.  
CHECKED BY: M.W.W.  
DATE: 6/27/16  
JOB NO.: 13-038

BAR IS ONE INCH ON ORIGINAL DRAWING, ADJUST SCALES FOR REDUCED PLOTS

0 1" 1"

C2

2 OF 11

\*REALIGN PG&E ACCESS ROADS AND ADJUST GRADES TO BALANCE EARTHWORKS

EXCAVATE ACCUMULATED SEDIMENTS AROUND EXISTING CULVERT.  
INSPECT CULVERT AND REPLACE OR REPAIR IN COORDINATION WITH  
LAND OWNER TO ALLOW DITCH #1 FLOWS TO CONTINUE NORTH ALONG  
SLOUTH. HIGH FLOWS IN DITCH #1 MAY DISCHARGE NORTH OR  
SOUTHWEST INTO NEW WETLAND AND OVER WEIR TO SLOUGH.

DEPRESSED SWALE FOR  
HYDRAULIC MIXING (TYP)  
SLOPE ALL SIDES AT 5H:1V (TYP)

CULVERT #2  
(3 TOTAL)

CULVERT #3

PROPOSED BERM ALIGNMENT

PROPOSED DITCH ALIGNMENT

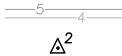
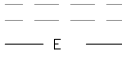
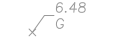
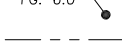







**PROPOSED SITE PLAN**  
SCALE: 1" = 80'

① LOCATE EXISTING TILE DRAINS AT EXISTING DITCH ALIGNMENT. CUT TILE DRAINS TO ALLOW DISCHARGE INTO DITCH. REPAIR TILE DRAINS THAT ARE DAMAGED DURING CONSTRUCTION BY EXCAVATING BACK TO THE EXTENTS OF THE DAMAGED PIPE, REPLACING THE DAMAGED SECTION OF PIPE WITH A PIPE APPROVED BY THE ENGINEER, AND RE-COMPACTING THE SOIL ON TOP OF THE PIPE TO ORIGINAL GRADES.

② REMOVE AND DISPOSE OF EXISTING CULVERTS.

③ MULTI-MEDIA CHAMBERS PER PLAN BY OTHERS. PAD ELEV.: 8.0. FINAL DIMENSIONS MAY VARY TO BALANCE ONSITE MATERIAL QUANTITIES.

④ CONSTRUCT FINISHED GRADE TOPOGRAPHY TO TRANSITION AT A UNIFORM CONSTANT GRADE ALONG PROPOSED FEATURES (E.G., DITCHES, BERMS, ROADS) BETWEEN SPOT ELEVATIONS PROVIDED. SPOT ELEVATIONS FOR THE TOP OF BERMS ARE DEPICTED ON THE PLANS. REFER TO CROSS SECTIONS AND PROFILES FOR BERM GEOMETRY.

	SURVEY CONTROL POINT
	EXISTING DIRT ROAD
	EXISTING OVERHEAD ELECTRIC
	EXISTING SPOT ELEVATION DESCRIPTION
	PROPOSED SPOT ELEVATION
	EXISTING APPROXIMATE PARCEL BOUNDARY BASED ON RECORD INFORMATION PROVIDED BY OTHERS.
	DITCH TO BE FILLED TO MATCH SURROUNDING GRADES
	PROPOSED VEHICLE BERM/ACCESS ROADWAY (ELEV.=6.0, U.N.O.) 12 FT. TOP WIDTH, 3H:1V SIDE SLOPES
	PROPOSED NON-VEHICLE BERM (4' TOP WIDTH)
	PROPOSED NON-VEHICLE BERM (6' TOP WIDTH)
	EXISTING DITCH/SWALE (APPROX.)
	PROPOSED CULVERT
	ZONE OF VARIABLE TOPOGRAPHY TO PROMOTE DIVERSITY. FINISHED GRADES IN THESE AREAS TO VARY AS DIRECTED IN THE FIELD BY THE ENGINEER

PREPARED AT THE REQUEST OF:


PROPOSED SITE  
PLAN (2 OF 2)

**PG&E TREATMENT  
WETLANDS**

**100% DESIGN  
SUBMITTAL -FINAL**

DESIGNED BY: M.W.W.  
DRAWN BY: B.M.S.  
CHECKED BY: M.W.W.  
DATE: 6/27/16  
JOB NO.: 13-038

BAR IS ONE INCH ON  
ORIGINAL DRAWING,  
ADJUST SCALES FOR  
REDUCED PLOTS

0  1"

C3	3 OF 11
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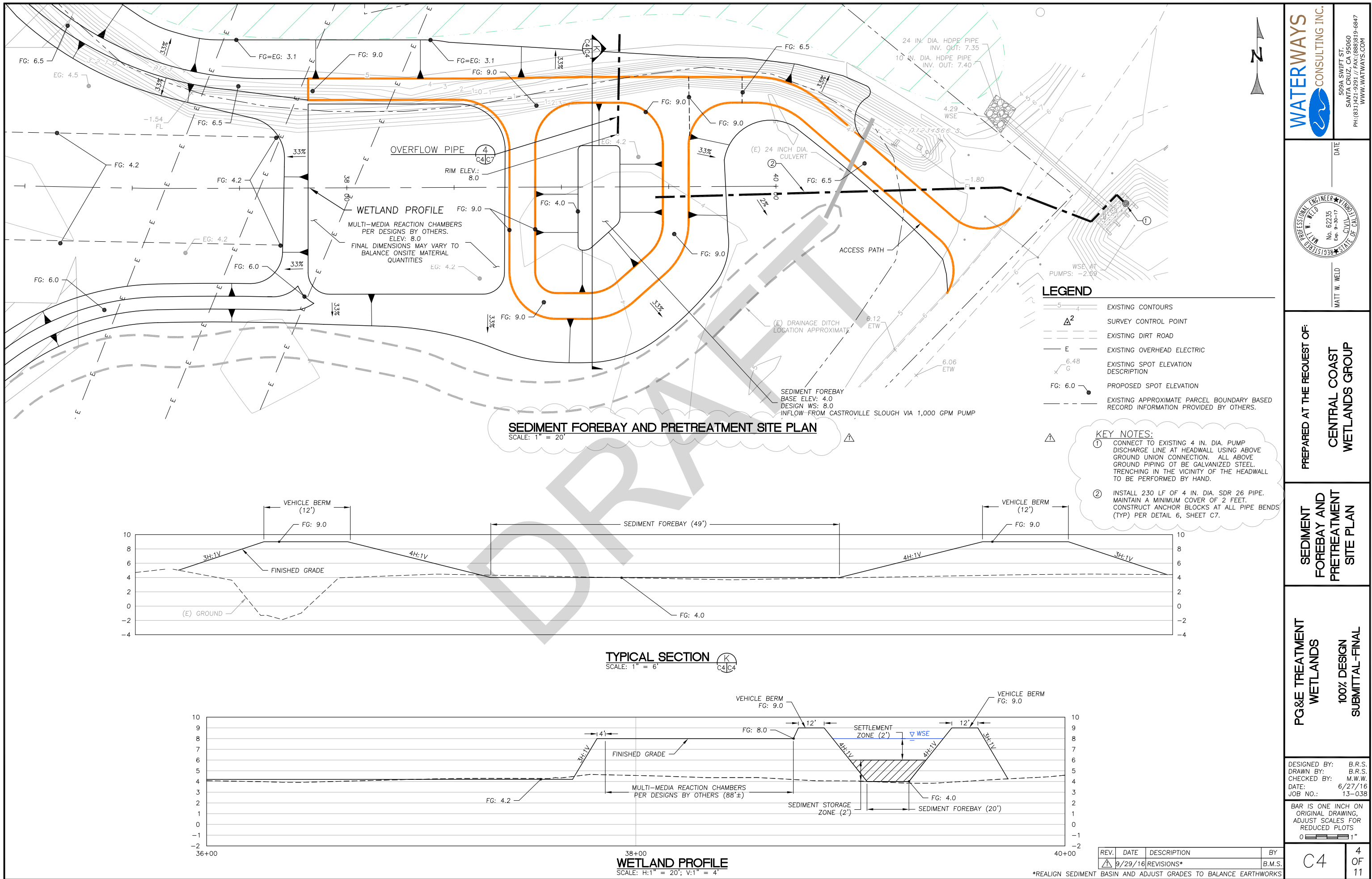


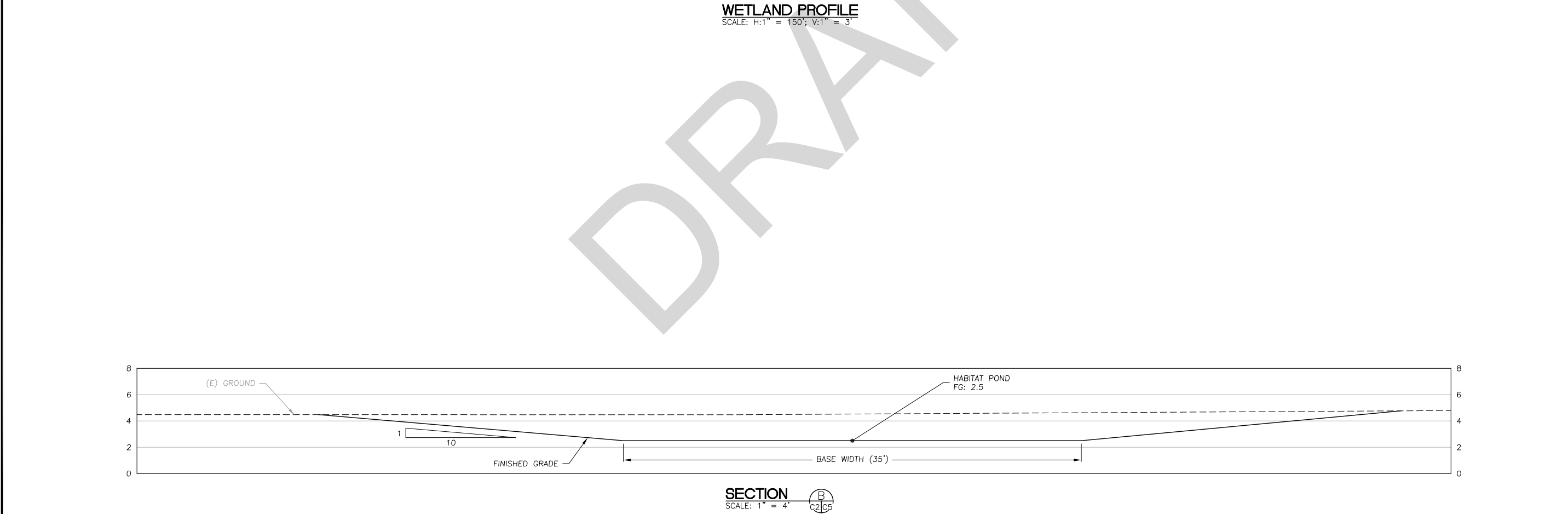
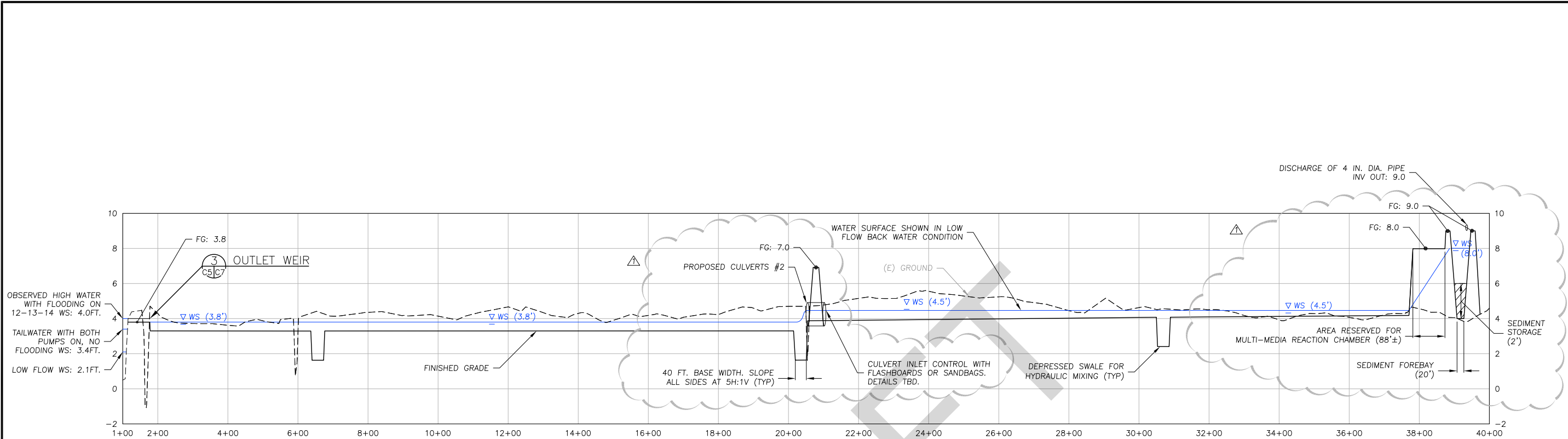
**WATERWAYS**  
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PH: (831) 421-9291 // FAX: (888) 819-6847  
WWW.WATWAYS.COM

STATE OF CALIFORNIA  
CIVIL  
REG. No. 62235  
Exp. 9-30-17  
DATE \_\_\_\_\_  
MATT W. WELD

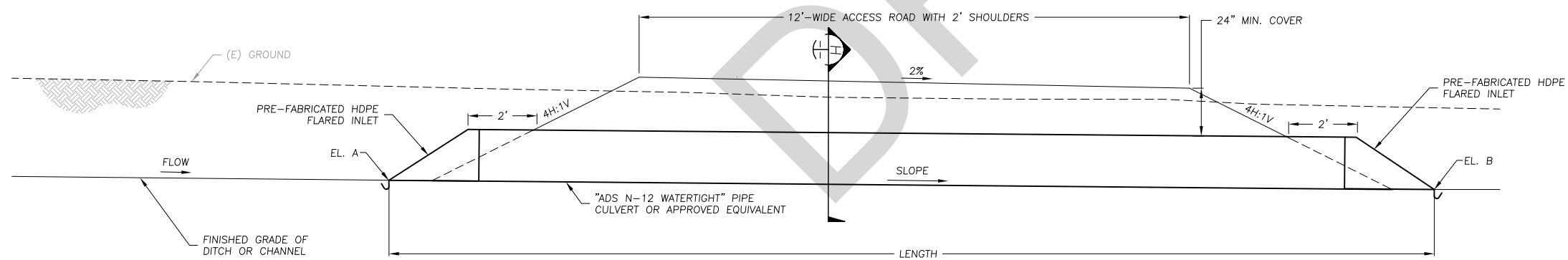
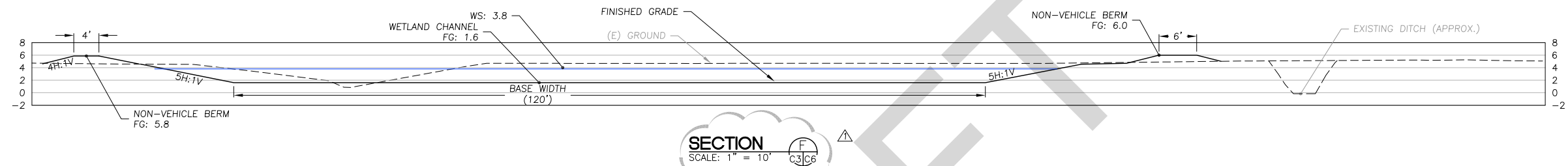
CENTRAL COAST  
WETLANDS GROUP





REV.	DATE	DESCRIPTION	BY
1	9/29/16	REVISIONS*	B.M.S.

\*REALIGN SEDIMENT BASIN AND ADJUST GRADES TO BALANCE EARTHWORKS



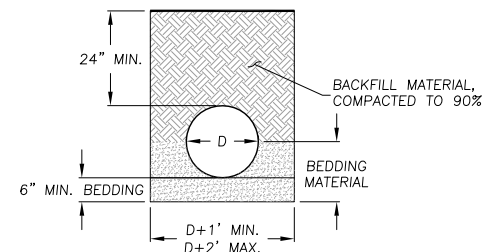
### SCHEDULE OF DRAINAGE CULVERTS

NUMBER	SLOPE	EL. A	EL. B	DIA.	TYPE	LENGTH	NO. CULVERTS
—1	0.25%	2.66	2.56	18"	HDPE	40'	—1
2	0.20%	3.90	3.80	14"	HDPE	36'	3
3	0.12%	-0.17	-0.24	14"	HDPE	58'	3

## CULVERT DETAIL

N.T.S.

1  
C2,C3,C4 | C6



### CULVERT SECTION

N.T.S.

CULVERT NOTES:

1. INSTALL PRE-FABRICATED HDPE FLARED INLETS AND OUTLETS ON ALL CULVERTS PER MANUFACTURERS SPECIFICATIONS, UNO.
2. SET INVERTS OF CULVERT #2 BELOW FINISHED GRADE BY 8 INCHES.
3. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II, OR III, PER ASTM D2321. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER.

**CENTRAL COAST  
WETLANDS GROUP**


**TYPICAL  
SECTIONS  
AND DETAILS  
(1 OF 2)**

**G&E TREATMENT  
WETLANDS**

**100% DESIGN  
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DESIGNED BY: B.R.S.  
DRAWN BY: B.R.S.  
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0  1"

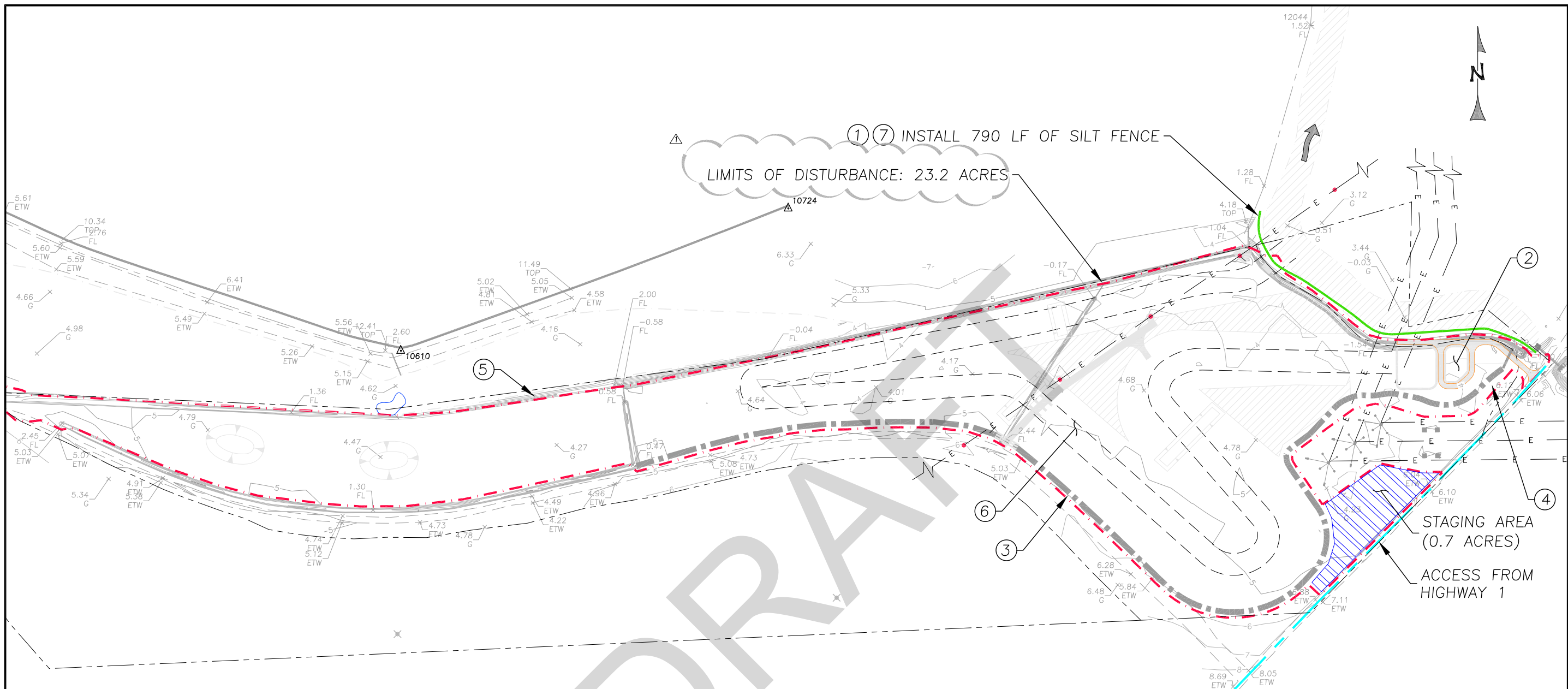
C6

6  
OF  
1

REV.	DATE	DESCRIPTION	BY
1	9/29/16	REVISIONS*	B.M.S.

\*REVISED CULVERT DETAILS AND ADJUST GRADES TO BALANCE EARTHWORKS





**EROSION CONTROL AND ACCESS PLAN**  
SCALE: 1" = 120'

**BMP NOTES:**

SITE WILL BE ISOLATED FROM THE SOUTH AND NORTH BY EXISTING DITCHES. THEREFORE, THE SITE WILL BE INTERNALLY DRAINED AND MINIMAL BMPs WILL BE NEEDED.

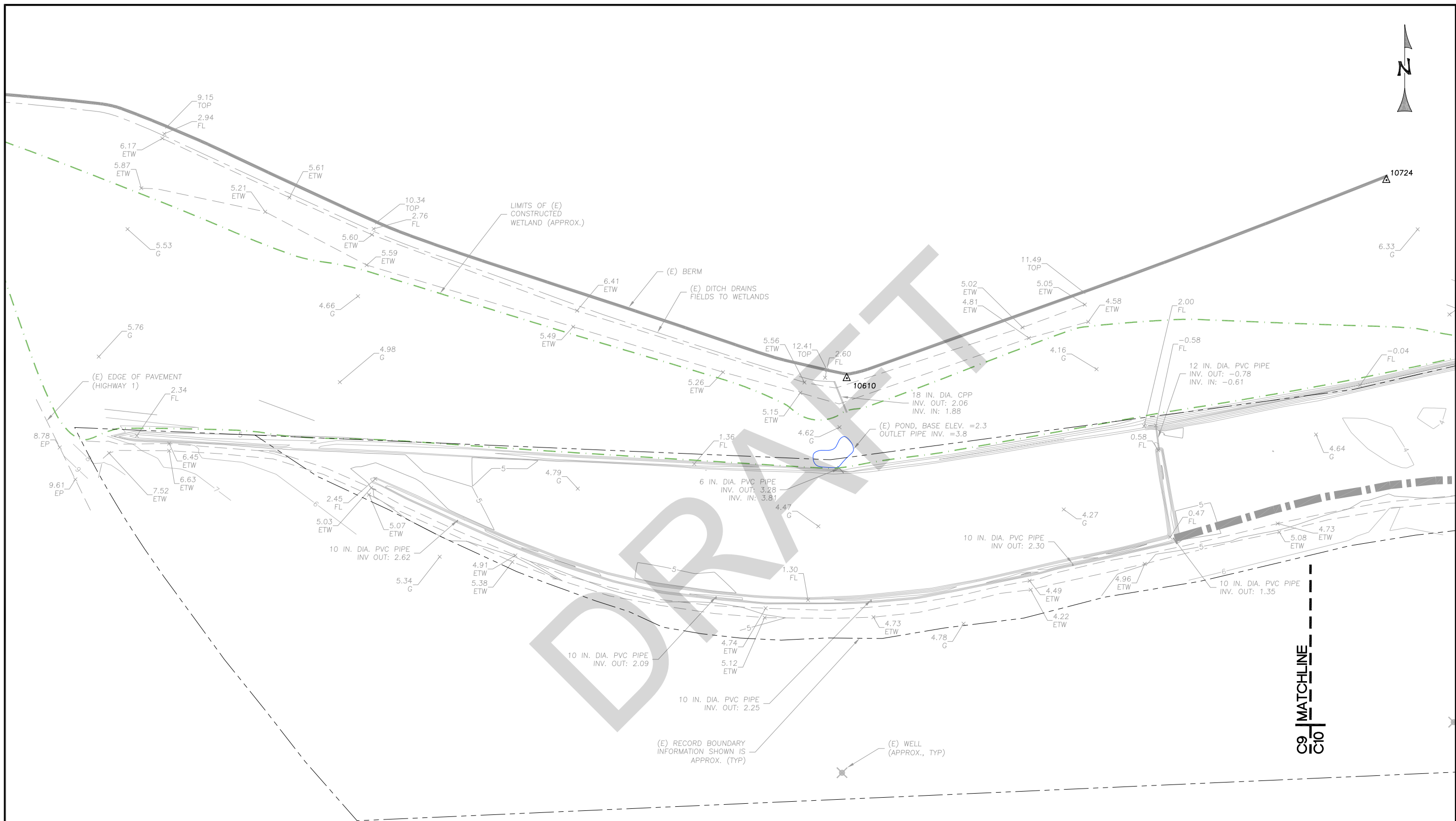
**CONSTRUCTION STEPS:**

1. INSTALL SILT FENCE.
2. CONSTRUCT SEDIMENT BASIN.
3. CONSTRUCT BERM FROM DOWNSTREAM TO UPSTREAM
4. INSTALL SILT FENCE IN EXISTING DITCH ALIGNMENT AND PUMP EXCESS WATER TO SEDIMENT BASIN. PUMP WATER FROM SEDIMENT BASIN INTO CASTROVILLE SLOUGH.
5. INSTALL WELL POINT AND DE-WATER EXISTING NORTH DITCH AND PUMP CONTINUOUSLY INTO PROPOSED DITCH ALIGNMENT (FLOWING ALONG SOUTHERN EDGE OF PROPERTY) FOR THE DURATION OF GRADING ACTIVITIES.
6. CONSTRUCT WETLAND CHANNEL, WEIRS, BERMS, MULTI-MEDIA BIO-REACTORS, HABITAT PONDS AND INSTALL CULVERTS #2 AND #3 AND OVERFLOW PIPE. AT THIS TIME SITE WILL BE INTERNALLY DRAINED. WHILE GRADING MAINTAIN LOW GROUND WATER BY PUMPING INTO PROPOSED DITCH ALIGNMENT.
7. REMOVE SILT FENCES AND WELL POINTS.
8. REVEGETATE THE SITE (PLANS BY OTHERS).

**STAGING AREA NOTES:**

1. CONSTRUCTION MATERIAL, CONSTRUCTION EQUIPMENT, PORTABLE SANITATION FACILITIES, WASTE COLLECTION FACILITIES, CONCRETE WASHOUT, ETC. WILL BE LOCATED IN THE STAGING AREA.
2. TEMPORARY STOCKPILING OF SOIL WILL BE WITHIN THE LIMITS OF WORK.

REV.	DATE	DESCRIPTION	BY
1	9/29/16	REVISIONS*	B.M.S.
*REALIGN ACCESS ROADS AND SEDIMENT BASIN			



**LEGEND**

- EXISTING CONTOURS
- SURVEY CONTROL POINT
- EXISTING DIRT ROAD
- EXISTING OVERHEAD ELECTRIC
- EXISTING SPOT ELEVATION DESCRIPTION
- PROPOSED SPOT ELEVATION
- EXISTING APPROXIMATE PARCEL BOUNDARY BASED ON RECORD INFORMATION PROVIDED BY OTHERS.
- EXISTING DITCH/SWALE (APPROX.)

**EXISTING CONDITIONS**  
SCALE: 1" = 80'

REV.	DATE	DESCRIPTION	BY
1	9/29/16	REVISIONS*	B.M.S.

\*REVISED TO REFLECT CONDITIONS IMMEDIATELY PRIOR TO CONSTRUCTION

**WATERWAYS CONSULTING INC.**

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SANTA CRUZ, CA 95060  
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DATE

**MATT W. WELD**  
No. 62235  
Exp. 9-30-17  
PROFESSIONAL ENGINEER  
CIVIL  
STATE OF CALIFORNIA

PREPARED AT THE REQUEST OF:

**CENTRAL COAST WETLANDS GROUP**

EXISTING CONDITIONS  
(1 OF 2)

PG&E TREATMENT WETLANDS  
100% DESIGN  
SUBMITTAL-FINAL

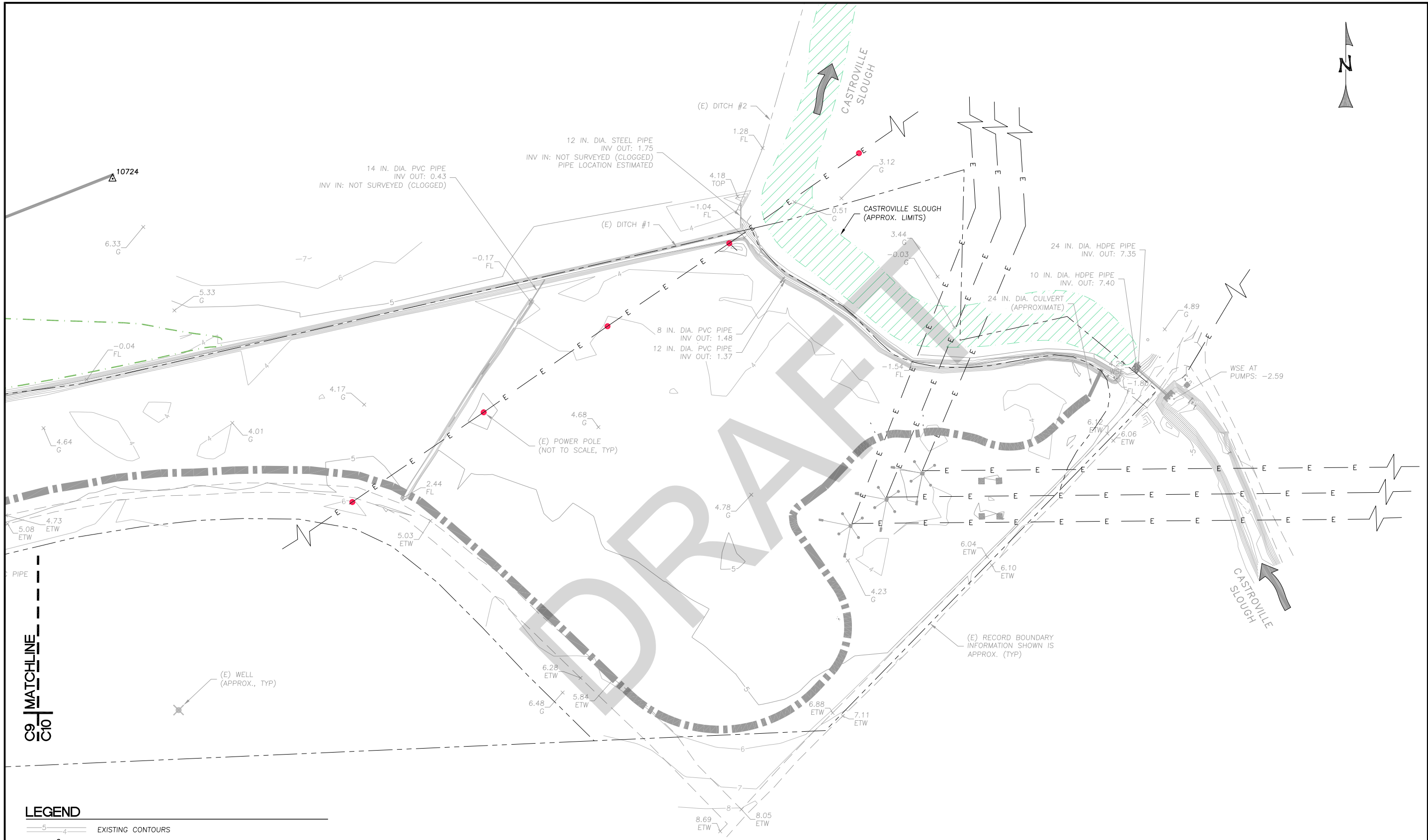
DESIGNED BY: B.R.S.  
DRAWN BY: B.R.S.  
CHECKED BY: M.W.W.  
DATE: 6/27/16  
JOB NO.: 13-038

BAR IS ONE INCH ON ORIGINAL DRAWING, ADJUST SCALES FOR REDUCED PLOTS

0 1"

C9

9 OF 11



C9 MATCHLINE  
C10

- LEGEND**
- EXISTING CONTOURS
  - SURVEY CONTROL POINT
  - EXISTING DIRT ROAD
  - EXISTING OVERHEAD ELECTRIC
  - EXISTING SPOT ELEVATION DESCRIPTION
  - PROPOSED SPOT ELEVATION
  - EXISTING APPROXIMATE PARCEL BOUNDARY BASED ON RECORD INFORMATION PROVIDED BY OTHERS.
  - EXISTING DITCH/SWALE (APPROX.)

**EXISTING CONDITIONS**  
SCALE: 1" = 80'

REV.	DATE	DESCRIPTION	BY
1	9/29/16	REVISIONS*	B.M.S.

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DATE

**MATT W. WELD**  
No. 62235  
Exp. 9-30-17  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL  
STATE OF CALIFORNIA

PREPARED AT THE REQUEST OF:

**CENTRAL COAST  
WETLANDS GROUP**

EXISTING  
CONDITIONS  
(2 OF 2)

PG&E TREATMENT  
WETLANDS

100% DESIGN  
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ORIGINAL DRAWING,  
ADJUST SCALES FOR  
REDUCED PLOTS

0 1" 1"

10  
OF  
11

GENERAL NOTES

1. AFFECTED APN'S:  
133-142-005

2. THE ENGINEER SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO CONSTRUCTION. THE ENGINEER OR A DESIGNATED REPRESENTATIVE SHALL MONITOR THE CONSTRUCTION PROCESS, AS NECESSARY, TO ENSURE PROPER INSTALLATION PROCEDURES.

3.

4. EXISTING UNDERGROUND UTILITY LOCATIONS:

A. PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL CONTACT ALL UTILITIES COMPANIES WITH REGARD TO WORKING OVER, UNDER, OR AROUND EXISTING FACILITIES AND TO OBTAIN INFORMATION REGARDING RESTRICTIONS THAT ARE REQUIRED TO PREVENT DAMAGE TO THE FACILITIES.

B. LOCATIONS SHOWN ARE COMPILED FROM INFORMATION SUPPLIED BY THE APPROPRIATE UTILITY AGENCIES AND FROM FIELD MEASUREMENTS TO ABOVE GROUND FEATURES READILY VISIBLE AT THE TIME OF SURVEY. LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE DIMENSIONS, SIZES, MATERIALS, LOCATIONS, AND DEPTH OF UNDERGROUND UTILITIES.

C. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE LOCATION AND/OR PROTECTION OF ALL EXISTING AND PROPOSED PIPING, UTILITIES, TRAFFIC SIGNAL EQUIPMENT (BOTH ABOVE GROUND AND BELOW GROUND), STRUCTURES, AND ALL OTHER EXISTING IMPROVEMENTS THROUGHOUT CONSTRUCTION.

D. PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION, CONTRACTOR SHALL DISCOVER OR VERIFY THE ACTUAL DIMENSIONS, SIZES, MATERIALS, LOCATIONS, AND ELEVATIONS OF ALL EXISTING UTILITIES AND POTHOLE THOSE AREAS WHERE POTENTIAL CONFLICTS ARE LIKELY OR DATA IS OTHERWISE INCOMPLETE.

E. CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO PROTECT EXISTING UTILITIES DURING CONSTRUCTION OPERATIONS, AND SHALL BE SOLELY RESPONSIBLE FOR THE COST OF REPAIR/REPLACEMENT OF ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION. CONTRACTOR TO CALL UNDERGROUND SERVICE ALERT (1-800-642-2444) TO LOCATE ALL UNDERGROUND UTILITY LINES PRIOR TO COMMENCING CONSTRUCTION.

F. UPON LEARNING OF THE EXISTENCE AND/OR LOCATIONS OF ANY UNDERGROUND FACILITIES NOT SHOWN OR SHOWN INACCURATELY ON THE PLANS OR NOT PROPERLY MARKED BY THE UTILITY OWNER, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY OWNER AND THE COUNTY BY TELEPHONE AND IN WRITING.

G. UTILITY RELOCATIONS REQUIRED FOR THE CONSTRUCTION OF THE PROJECT FACILITIES WILL BE PERFORMED BY THE UTILITY COMPANY, UNLESS OTHERWISE NOTED.

12. SHOULD THE CONTRACTOR DISCOVER ANY DISCREPANCIES BETWEEN THE CONDITIONS EXISTING IN THE FIELD AND THE INFORMATION SHOWN ON THESE DRAWINGS, HE SHALL NOTIFY THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.

13. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE FULLY INFORMED OF AND TO COMPLY WITH ALL LAWS, ORDINANCES, CODES, REQUIREMENTS AND STANDARDS WHICH IN ANY MANNER AFFECT THE COURSE OF CONSTRUCTION OF THIS PROJECT, THOSE ENGAGED OR EMPLOYED IN THE CONSTRUCTION AND THE MATERIALS USED IN THE CONSTRUCTION.

14. ANY TESTS, INSPECTIONS, SPECIAL OR OTHERWISE, THAT ARE REQUIRED BY THE BUILDING CODES, LOCAL BUILDING DEPARTMENTS, OR THESE PLANS, SHALL BE DONE BY AN INDEPENDENT INSPECTION COMPANY. JOB SITE VISITS BY THE ENGINEER DO NOT CONSTITUTE AN OFFICIAL INSPECTION, IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE REQUIRED TESTS AND INSPECTIONS ARE PERFORMED.

15. PROJECT SCHEDULE: PRIOR TO COMMENCEMENT OF WORK, CONTRACTOR SHALL PROVIDE ENGINEER A DETAILED CONSTRUCTION SCHEDULE FOR APPROVAL. THE CONTRACTOR SHALL NOT BEGIN ANY CONSTRUCTION WORK UNTIL THE PROJECT SCHEDULE AND WORK PLAN IS APPROVED BY THE ENGINEER. ALL CONSTRUCTION SHALL BE CLOSELY COORDINATED WITH THE ENGINEER SO THAT THE QUALITY OF WORK CAN BE CHECKED FOR APPROVAL. THE CONTRACTOR SHALL PURSUE WORK IN A CONTINUOUS AND DILIGENT MANNER TO ENSURE A TIMELY COMPLETION OF THE PROJECT.

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN, PERMITTING, INSTALLATION, AND MAINTENANCE OF ANY AND ALL TRAFFIC CONTROL MEASURES DEEMED NECESSARY.

17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL SAFETY DURING CONSTRUCTION. ALL WORK SHALL CONFORM TO PERTINENT SAFETY REGULATIONS AND CODES. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR FURNISHING, INSTALLING, AND MAINTAINING ALL WARNING SIGNS AND DEVICES NECESSARY TO SAFEGUARD THE GENERAL PUBLIC AND THE WORK, AND PROVIDE FOR THE PROPER AND SAFE ROUTING OF VEHICULAR AND PEDESTRIAN TRAFFIC DURING THE PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF OSHA IN THE CONSTRUCTION PRACTICES FOR ALL EMPLOYEES DIRECTLY ENGAGED IN THE CONSTRUCTION OF THIS PROJECT.

18. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTION LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL. NEITHER THE PROFESSIONAL ACTIVITIES OF CONSULTANT NOR THE PRESENCE OF CONSULTANT OR HIS OR HER EMPLOYEES OR SUB-CONSULTANTS AT A CONSTRUCTION SITE SHALL RELIEVE THE CONTRACTOR AND ITS SUBCONTRACTORS OF THEIR RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING OR COORDINATING ALL PORTIONS OF THE WORK OF CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND APPLICABLE HEALTH OR SAFETY REQUIREMENTS OF ANY REGULATORY AGENCY OR OF STATE LAW.

19. THE CONTRACTOR SHALL MAINTAIN A CURRENT, COMPLETE, AND ACCURATE RECORD OF ALL AS-BUILT DEVIATIONS FROM THE CONSTRUCTION AS SHOWN ON THESE DRAWINGS AND SPECIFICATIONS, FOR THE PURPOSE OF PROVIDING THE ENGINEER OF RECORD WITH A BASIS FOR THE PREPARATION OF RECORD DRAWINGS.

20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SITE IN A NEAT AND ORDERLY MANNER THROUGHOUT THE CONSTRUCTION PROCESS. ALL MATERIALS SHALL BE STORED WITHIN APPROVED STAGING AREAS.

21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AT HIS EXPENSE, ALL REQUIRED PERMITS NOT PREVIOUSLY OBTAINED BY THE OWNER. THE CONTRACTOR SHALL PROVIDE, AT HIS EXPENSE, ALL MATERIALS, LABOR AND EQUIPMENT REQUIRED TO COMPLY WITH ALL APPLICABLE PERMIT CONDITIONS AND REQUIREMENTS.

22. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING AND LAYOUT, UNLESS OTHERWISE SPECIFIED.

23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND PRESERVATION OF ALL SURVEY MONUMENTS OR PROPERTY CORNERS. DISTURBED MONUMENTS SHALL BE RESTORED BACK TO THEIR ORIGINAL LOCATION AND SHALL BE CERTIFIED BY A REGISTERED CIVIL ENGINEER OR LAND SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.

24. CONTRACTOR IS REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

25. IF, DURING THE COURSE OF CONSTRUCTION, CULTURAL, ARCHAEOLOGICAL, HISTORICAL OR PALEONTOLOGICAL RESOURCES ARE UNCOVERED AT THE SITE (SURFACE OR SUBSURFACE RESOURCES) WORK SHALL BE HALTED IMMEDIATELY WITHIN 50 METERS (165 FEET) OF THE FIND UNTIL A QUALIFIED PROFESSIONAL ARCHAEOLOGIST CAN EVALUATE IT. MONTEREY COUNTY RMA - PLANNING AND A QUALIFIED ARCHAEOLOGIST (I.E., AN ARCHAEOLOGIST REGISTERED WITH THE REGISTER OF PROFESSIONAL ARCHAEOLOGISTS) SHALL BE IMMEDIATELY CONTACTED BY THE RESPONSIBLE INDIVIDUAL PRESENT ON-SITE. WHEN CONTACTED, THE PROJECT PLANNER AND THE ARCHAEOLOGIST SHALL IMMEDIATELY VISIT THE SITE TO DETERMINE THE EXTENT OF THE RESOURCES AND TO DEVELOP PROPER MITIGATION MEASURES REQUIRED FOR RECOVERY.
- EARTHWORK NOTES
1. ALL GRADING SHALL COMPLY WITH THE RECOMMENDATIONS OF THE APPLICABLE REQUIREMENTS OF THE MONTEREY COUNTY GRADING ORDINANCE AND THE NOTES HEREIN.

2. GRADING SUMMARY:

TOTAL CUT VOLUME = 14,100 CY

TOTAL FILL VOLUME = 14,100 CY

OFFHAUL = 0 CY

THE ABOVE QUANTITIES ARE APPROXIMATE IN-PLACE VOLUMES CALCULATED AS THE DIFFERENCE BETWEEN EXISTING GROUND AND THE PROPOSED FINISH GRADE, PREPARED FOR PERMITTING PURPOSES ONLY. EXISTING GROUND IS DEFINED BY THE TOPOGRAPHIC CONTOURS AND/OR SPOT ELEVATIONS ON THE PLAN. PROPOSED FINISH GRADE IS DEFINED AS THE DESIGN SURFACE ELEVATION OF WORK TO BE CONSTRUCTED. THE QUANTITIES HAVE NOT BEEN FACTORED TO INCLUDE ALLOWANCES FOR BULKING, CLEARING AND GRUBBING, SUBSIDENCE, SHRINKAGE, OVER EXCAVATION, AND RECOMPACTION, UNDERGROUND UTILITY AND SUBSTRUCTURE SPOILS AND CONSTRUCTION METHODS.

THE CONTRACTOR SHALL PERFORM AN INDEPENDENT EARTHWORK ESTIMATE FOR THE PURPOSE OF PREPARING BID PRICES FOR EARTHWORK. THE BID PRICE SHALL INCLUDE COSTS FOR ANY NECESSARY IMPORT AND PLACEMENT OF EARTH MATERIALS OR THE EXPORT AND PROPER DISPOSAL OF EXCESS OR UNSUITABLE EARTH MATERIALS.

3. PRIOR TO COMMENCING WORK, ALL AREAS TO REMAIN UNDISTURBED SHALL BE ADEQUATELY PROTECTED WITH TEMPORARY FENCING.

4. DO NOT DISTURB AREAS OUTSIDE OF THE DESIGNATED LIMITS OF DISTURBANCE, UNLESS AUTHORIZED IN WRITING BY THE ENGINEER. ALL WORK ASSOCIATED WITH RESTORATION AND REVEGETATION OF DISTURBED AREAS OUTSIDE THE DESIGNATED LIMITS OF DISTURBANCE, AS SHOWN ON THE DRAWINGS, SHALL BE BORN SOLELY BY THE CONTRACTOR.

5. ALL EXCESS SOILS SHALL BE REMOVED TO AN APPROVED DUMP SITE OR DISPOSED OF ON SITE AT A LOCATION TO BE APPROVED BY THE ENGINEER, IN A MANNER THAT WILL NOT CAUSE EROSION.

6. CLEARING AND GRUBBING, SUBGRADE PREPARATION AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 19 OF THE STANDARD SPECIFICATIONS AND THESE DRAWINGS.

7. UNSUITABLE SOIL OR MATERIALS, NOT TO BE INCLUDED IN THE WORK INCLUDE:

A. ORGANIC MATERIALS SUCH AS PEAT, MULCH, ORGANIC SILT OR SOD.

B. MATERIAL CONTAINING EXCESSIVE MOISTURE.

C. POORLY GRADED COURSE MATERIAL, PARTICLE SIZE IN EXCESS OF 6 INCHES.

8. FINE GRADING ELEVATIONS AND SLOPES NOT SHOWN SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD TO OBTAIN DRAINAGE IN THE DIRECTION INDICATED. ALL FINAL GRADING SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER.

9. CONTRACTOR IS ADVISED THAT SITE SOILS PRIMARILY CONSIST OF UNCONSOLIDATED PLASTIC CLAY AND SITLY CLAY. GROUNDWATER IS SHALLOW AND MUCH OF THE SITE SOILS ARE LIKELY TO BE AT OVER-OPTIMUM MOISTURE CONTENT AND WILL REQUIRE CONDITIONING TO ACHIEVE THE SPECIFIED COMPACTION.

10. BACKFILL SHALL BE PLACED IN UNIFORM LAYERS NOT EXCEEDING 8 INCHES IN UNCOMPACTED THICKNESS. A SHEEPSFOOT COMPACTOR SHALL BE USED TO COMPACT THE NATIVE CLAY SOILS. THE MATERIAL IN EACH LAYER SHALL BE WETTED OR DRIED AS NEEDED AND THOROUGHLY MIXED TO ENSURE UNIFORM MOISTURE CONTENT AND ADEQUATE COMPACTION. THE NUMBER OF PASSES REQUIRED TO ACHIEVE COMPACTION IS DEPENDENT ON THE EQUIPMENT USED AND SHALL BE DETERMINED BY THE ENGINEER ON SITE DURING GRADING OPERATIONS. THE COMPACTION PROCESS SHALL BE CONTINUOUSLY OBSERVED BY THE ENGINEER.

11. ALL CONTACT SURFACES BETWEEN ORIGINAL GROUND AND RECOMPACTED FILL SHALL BE EITHER HORIZONTAL OR VERTICAL. ALL ORGANIC MATERIAL SHALL BE REMOVED AND THE REMAINING SURFACE SCARIFIED TO A DEPTH OF AT LEAST 12 INCHES, UNLESS DEEPER EXCAVATION IS REQUIRED BY THE ENGINEER.

12. PROVIDE SLOPE ROUNDING AT ALL GRADE BREAKS.
- MONTEREY COUNTY GRADING NOTES
1. THE GROUND SURFACE SHALL BE PREPARED TO RECEIVE FILL BY REMOVING VEGETATION, NONCOMPLYING FILL, TOPSOIL AND OTHER UNSUITABLE MATERIALS SCARIFYING TO PROVIDE A BOND WITH THE NEW FILL, AND, WHERE SLOPES ARE STEEPER THAN FIVE (HORIZONTAL) TO ONE (VERTICAL), AND THE HEIGHT IS GREATER THAN FIVE FEET, BY BENCHING INTO COMPETENT MATERIAL AS DETERMINED BY THE ENGINEER. THE BENCH UNDER THE TOE OF A FILL ON A SLOPE STEEPER THAN FIVE (HORIZONTAL) TO ONE (VERTICAL) SHALL BE AT LEAST TWELVE FEET WIDE. THE AREA BEYOND THE TOE OF FILL SHALL BE SLOPED FOR SHEET OVERFLOW OR A PAVED DRAIN SHALL BE PROVIDED. WHERE FILL IS TO BE PLACED OVER A CUT, THE BENCH UNDER THE TOE OF FILL SHALL BE AT LEAST TEN FEET WIDE. FILL SLOPES SHALL NOT BE CONSTRUCTED ON NATURAL SLOPES STEEPER THAN TWO (HORIZONTAL) TO ONE (VERTICAL).
- MONTEREY COUNTY NOTES
1. DUST FROM GRADING OPERATIONS SHALL BE CONTROLLED. SEE DUST CONTROL NOTES.

2. PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE, THE OWNER/APPLICANT SHALL SCHEDULE AN INSPECTION WITH RMA-ENVIRONMENTAL SERVICES TO ENSURE ALL NECESSARY SEDIMENT CONTROLS ARE IN PLACE AND THE PROJECT IS COMPLIANT WITH MONTEREY COUNTY GRADING AND EROSION CONTROL REGULATIONS.

3. DURING CONSTRUCTION, THE OWNER/APPLICANT SHALL SCHEDULE AN INSPECTION WITH RMA-ENVIRONMENTAL SERVICES TO INSPECT DRAINAGE DEVICE INSTALLATION, REVIEW THE MAINTENANCE AND EFFECTIVENESS OF BMPS INSTALLED, AND TO VERIFY THAT POLLUTANTS OF CONCERN ARE NOT DISCHARGED FROM THE SITE. AT THE TIME OF THE INSPECTION, THE APPLICANT SHALL PROVIDE CERTIFICATION THAT ALL NECESSARY GEOTECHNICAL INSPECTIONS HAVE BEEN COMPLETED TO THAT POINT.

4. PRIOR TO FINAL INSPECTION, THE OWNER/APPLICANT SHALL SCHEDULE AN INSPECTION WITH RMA-ENVIRONMENTAL SERVICES TO ENSURE THAT ALL DISTURBED AREAS HAVE BEEN STABILIZED AND THAT ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES THAT ARE NO LONGER NEEDED HAVE BEEN REMOVED.
- EROSION CONTROL NOTES
1. THE EROSION CONTROL PLAN SHOWN IS INTENDED FOR THE SUMMER CONSTRUCTION SEASON (APRIL 15TH TO OCTOBER 15TH). IF THE DRAINAGE FEATURES SHOWN ON THESE DRAWINGS ARE NOT COMPLETED AND DISTURBED AREAS STABILIZED BY OCTOBER 1ST, CONSULT THE ENGINEER FOR ADDITIONAL RAINY SEASON EROSION CONTROL MEASURES.

2. ALL WORK SHALL COMPLY WITH AN APPROVED STORM WATER POLLUTION PREVENTION PLAN, TO BE IMPLEMENTED BY THE CONTRACTOR, IN COMPLIANCE WITH THE REQUIREMENTS OF THE STATE WATER RESOURCES CONTROL BOARD (SWRCB) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION AND LAND DISTURBANCE ACTIVITIES, WATER QUALITY ORDER NO. 2009-0009-DWQ, GENERAL PERMIT NO. CAS000002, ADOPTED SEPTEMBER 2, 2009, (HEREAFTER CONSTRUCTION GENERAL PERMIT (CGP)).

3. CONTRACTOR SHALL NOT BEGIN SITE DISTURBING ACTIVITIES UNTIL THE SWPPP HAS BEEN APPROVED BY THE OWNER, UPLOADED TO SMARTS AND A WASTE DISCHARGE IDENTIFICATION (WDID) NUMBER RECEIVED.

4. IMPLEMENTATION OF SWPPP MEASURES SHALL BE THE FIRST ORDER OF BUSINESS UPON SITE MOBILIZATION.

5. CONTRACTOR SHALL UTILIZE ONLY THE APPROVED HAUL ROADS AND ACCESS POINTS (AS SHOWN ON THE DRAWINGS) FOR TRANSPORT OF MATERIALS AND EQUIPMENT.

6. BETWEEN OCTOBER 15 AND APRIL 15, EXPOSED SOIL SHALL BE PROTECTED FROM EROSION AT ALL TIMES. DURING CONSTRUCTION, SUCH PROTECTION MAY CONSIST OF MULCHING AND/OR PLANTING OF NATIVE VEGETATION OF ADEQUATE DENSITY. BEFORE COMPLETION OF THE PROJECT, ANY EXPOSED SOIL ON DISTURBED SLOPES SHALL BE PERMANENTLY PROTECTED FROM EROSION.

7. A STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (OCTOBER 15 THROUGH APRIL 15). NECESSARY MATERIALS SHALL BE AVAILABLE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES.

8. CONSTRUCT TEMPORARY EROSION CONTROL MEASURES AS SHOWN ON THE DRAWINGS, THE SWPPP, AND/OR AS DIRECTED BY THE ENGINEER TO CONTROL DRAINAGE WHICH HAS BEEN AFFECTED BY GRADING AND/OR TRENCHING OPERATIONS.

9. THE CONTRACTOR SHALL INCORPORATE ADEQUATE DRAINAGE PROCEDURES DURING THE CONSTRUCTION PROCESS TO ELIMINATE EXCESSIVE PONDING AND EROSION.

10. CONSTRUCT AND MAINTAIN EROSION CONTROL MEASURES TO PREVENT THE DISCHARGE OF EARTHEN MATERIALS TO THE SLOUGH FROM DISTURBED AREAS UNDER CONSTRUCTION AND FROM COMPLETED CONSTRUCTION AREAS.

11. INSTALL ALL PROTECTIVE DEVICES AT THE END OF EACH WORK DAY WHEN THE FIVE-DAY RAIN PROBABILITY EQUALS OR EXCEEDS 50 PERCENT AS DETERMINED FROM THE NATIONAL WEATHER SERVICE FORECAST OFFICE: WWW.SRH.NOAA.GOV.

12. THE EROSION CONTROL DEVICES ON THIS PLAN ARE A SCHEMATIC REPRESENTATION OF WHAT MAY BE REQUIRED. EROSION CONTROL DEVICES MAY BE RELOCATED, DELETED, OR ADDITIONAL ITEMS MAY BE REQUIRED DEPENDING ON THE ACTUAL SOIL CONDITIONS ENCOUNTERED, AT THE DISCRETION OF THE ENGINEER.

13. THE CONTRACTOR IS RESPONSIBLE TO KEEP IN FORCE ALL EROSION CONTROL DEVICES AND TO MODIFY THOSE DEVICES AS SITE PROGRESS DICTATES.

14. THE CONTRACTOR SHALL MONITOR THE EROSION CONTROL DEVICES DURING STORMS AND MODIFY THEM IN ORDER TO PREVENT PROGRESS OF ANY ONGOING EROSION.

15. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING ANY EROSION OR DEBRIS SPILLING ONTO A PUBLIC STREET.

16. THE CONTRACTOR SHALL CONTACT THE ENGINEER IN THE EVENT THAT THE EROSION CONTROL PLAN AS DESIGNED REQUIRES ANY SUBSTANTIAL REVISIONS.

17. CONTRACTOR SHALL BE FAMILIAR WITH THE CONDITIONS OF APPROVAL OF ALL REQUIRED PROJECT PERMITS AND SHALL IMPLEMENT ALL REQUIRED BMP'S PRIOR TO COMMENCING GRADING OPERATIONS.
- DUST CONTROL NOTES
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTINUOUS DUST CONTROL, THROUGHOUT THE CONSTRUCTION, IN ACCORDANCE WITH THE PERMIT CONDITIONS OF APPROVAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REGULAR CLEANING OF ALL MUD, DIRT, DEBRIS, ETC., FROM ANY AND ALL ADJACENT ROADS AND SIDEWALKS, AT LEAST ONCE EVERY 24 HOURS WHEN OPERATIONS ARE OCCURRING.

2. ALL DISTURBED AREAS, INCLUDING UNPAVED ACCESS ROADS OR STORAGE PILES, NOT BEING ACTIVELY UTILIZED FOR CONSTRUCTION PURPOSES, SHALL BE EFFECTIVELY STABILIZED OF DUST EMISSIONS USING WATER, CHEMICAL STABILIZER/SUPPRESSANT, OR VEGETATIVE GROUND COVER.

3. ALL GROUND-DISTURBING ACTIVITIES (E.G., CLEARING, GRUBBING, SCRAPING, AND EXCAVATION) SHALL BE EFFECTIVELY CONTROLLED OF FUGITIVE DUST EMISSIONS UTILIZING APPLICATION OF WATER OR BY PRE-SOAKING.

4. ALL MATERIALS TRANSPORTED OFFSITE SHALL BE COVERED OR EFFECTIVELY WETTED TO LIMIT DUST EMISSIONS.

5. FOLLOWING THE ADDITION OF MATERIALS TO, OR THE REMOVAL OF MATERIALS FROM, THE SURFACES OF OUTDOOR STORAGE PILES, SAID PILES SHALL BE EFFECTIVELY STABILIZED OF FUGITIVE DUST EMISSIONS UTILIZING SUFFICIENT WATER OR CHEMICAL STABILIZER/SUPPRESANT.

6. ONSITE VEHICLE SPEED ON UNPAVED SURFACES SHALL BE LIMITED TO 10 MPH.

7. DISTURBED AREAS SHALL BE SEEDED PRIOR TO OCTOBER 15TH OR EARLIER AS REQUIRED BY THE APPLICABLE PERMIT CONDITIONS.
- ACCESS AND STAGING AREA NOTES
1. PRIOR TO STARTING WORK ON THE PROJECT, THE CONTRACTOR SHALL SUBMIT FOR ACCEPTANCE BY THE ENGINEER A HAZARDOUS MATERIALS CONTROLS AND SPILL PREVENTION PLAN. THE PLAN SHALL INCLUDE PROVISIONS FOR PREVENTING HAZARDOUS MATERIALS FROM CONTAMINATING SOIL OR ENTERING WATER COURSES, AND SHALL ESTABLISH A SPILL PREVENTION AND COUNTER MEASURE PLAN.

2. UTILIZE ONLY THE APPROVED ACCESS POINTS AND STAGING AREAS, AS SHOWN ON THE DRAWINGS.

3. THE DOWNSLOPE PERIMETER OF STAGING OR STOCKPILE AREAS SHALL BE CONTAINED WITH SILT FENCE.

4. ALL EQUIPMENT AND MATERIALS SHALL BE STORED, MAINTAINED AND REFUELED IN A DESIGNATED PORTION OF THE STAGING AREA.
- WATERWAYS CONSULTING INC.

509A SWIFT ST.  
SANTA CRUZ, CA 95060  
PH: (831) 286-1111 FAX: (888) 919-6847  
WWW.WATWAYS.COM

DATE

PROFESSIONAL ENGINEER  
No. 62235  
Exp. 9-30-17  
MATT W. WELD  
STATE OF CALIFORNIA

PREPARED AT THE REQUEST OF:

CENTRAL COAST WETLANDS GROUP

GENERAL NOTES

PG&E TREATMENT WETLANDS

100% DESIGN SUBMITTAL-FINAL

DESIGNED BY: M.W.W.  
DRAWN BY: M.W.W.  
CHECKED BY: M.W.W.  
DATE: 6/27/16  
JOB NO.: 13-038

BAR IS ONE INCH ON ORIGINAL DRAWING, ADJUST SCALES FOR REDUCED PLOTS

0"=1"

REV. DATE DESCRIPTION BY

9/29/16 REVISED GRADING QUANTITIES B.M.S.

C11

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