

GENERAL NOTES:

1. DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN IN THESE DRAWINGS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE CONTRACT SPECIFICATIONS.
2. THE CONTRACTOR SHALL PROVIDE ALL UTILITIES AS NECESSARY TO SUCCESSFULLY COMPLETE ALL CONSTRUCTION ACTIVITIES.
3. ALL EXISTING AND PROPOSED DIMENSIONS DEPICTED HEREIN SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO STARTING WORK.
4. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON ALL CONSTRUCTION ACTIVITIES.
5. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITIES, WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE. ANY DAMAGE CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE EXPEDITIOUSLY REPAIRED OR RECONSTRUCTED TO THE ENGINEER'S SATISFACTION AT THE CONTRACTOR'S SOLE EXPENSE WITHOUT ADDITIONAL COMPENSATION.
6. THE CONTRACTOR SHALL POSSESS THE CLASS, OR CLASSES, OF LICENSE AS SPECIFIED IN THE NOTICE TO CONTRACTORS.
7. THE CONTRACTOR IS TO EXPOSE THE ENDS OF EXISTING BURIED UTILITIES FOR SURVEYORS TO VERIFY LOCATION AND ELEVATION PRIOR TO PLACEMENT OF NEW UTILITIES. ALL COSTS OF SUCH EXCAVATION AND BACKFILL SHALL BE INCLUDED IN THE PRICE PAID FOR VARIOUS ITEMS OF WORK.
8. ALL APPLICABLE FEES TO BE PAID AND PERMITS REQUIRED SHALL BE OBTAINED BY THE CONTRACTOR BEFORE COMMENCEMENT OF CONSTRUCTION.
9. THE TYPES, LOCATIONS, SIZES, AND DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE IMPROVEMENT PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES, HOWEVER, TVCE CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT DEPICTED ON THESE DRAWINGS.
10. THE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE 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 THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.
11. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF U.S.A. TWO WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING THE TOLL FREE NUMBER 1-800-227-2600.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION. ALL SUCH MONUMENTS OR MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
13. UNDOCUMENTED PIPING EXPOSED DURING CONSTRUCTION SHALL BE LOCATED AND MARKED BY THE CONTRACTOR FOR INCLUSION IN AS-BUILT DRAWINGS.
14. ALL NEW BURIED PIPING SHALL HAVE A MINIMUM OF 3 FEET OF COVER UNLESS OTHERWISE SPECIFIED.

CULTURALLY SENSITIVE AREAS:

1. AREAS WITHIN THE PROJECT PERIMETER THAT ARE CULTURALLY SENSITIVE SHALL BE PROTECTED AGAINST DAMAGE FROM CONSTRUCTION ACTIVITIES. AT NO TIME SHALL SUCH CULTURALLY SENSITIVE AREAS BE ENTERED, PARKED UPON, STOCK PILED UPON, OR HAVE ANY OTHER ACTIVITY ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT IN ANY WAY INFRINGE UPON, DETERIORATE, DESTROY, OR RENDER TO A STATE OR CONDITION UNACCEPTABLE ANY CULTURALLY SENSITIVE AREA. THE CONTRACTOR AGREES TO PROTECT ALL SUCH AREAS DURING ANY AND ALL ACTIVITIES ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT.

TRAFFIC CONTROL NOTES:

1. WHENEVER THE WORK AREA IS ADJACENT TO A TRAFFIC LANE AND THERE IS A CUT, DITCH OR TRENCH MORE THAN TWO INCHES DEEP, THE CONTRACTOR SHALL MAINTAIN CONTINUOUS BARRICADES SPACED AT APPROXIMATELY 20-FOOT INTERVALS FOR THE FIRST 100 FEET FROM THE BEGINNING OF THE CUT, DITCH OR TRENCH, AND AT APPROXIMATELY 50-FOOT INTERVALS THEREAFTER. IF THE CUT, DITCH OR TRENCH IS MORE THAN TEN FEET FROM A TRAFFIC LANE, THE BARRICADED SPACING MAY BE GREATER BUT SHALL NOT EXCEED 200 FEET.
2. UNLESS SPECIFICALLY SET FORTH AS SPECIAL PROVISIONS, ALL MARKED LANES OF TRAFFIC SHALL BE UNOBSTRUCTED IN EACH DIRECTION DURING THE PEAK TRAFFIC HOURS OF 7:00 TO 8:30AM AND 3:30 TO 6:00 PM.
3. SAFE VEHICULAR AND PEDESTRIAN ACCESS SHALL BE PROVIDED AT ALL TIMES DURING CONSTRUCTION.
4. TRACK MOUNTED VEHICLES SHALL NOT BE OPERATED ON PAVED ROADS.

AGGREGATE BASE ROCK NOTES:

1. AGGREGATE BASE SHALL BE CALTRANS CLASS II.
2. AGGREGATE BASE SHALL BE INSTALLED PER SECTION 26 OF THE CALTRANS STANDARD SPECIFICATIONS.
3. AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION PER CAL 316.

ASPHALT CONCRETE NOTES:

1. ASPHALT CONCRETE SHALL BE 1/2" MAXIMUM RADIUS HOT MIX TYPE A.
2. ASPHALT CONCRETE SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SECTION 39 OF THE CALTRANS STANDARD SPECIFICATIONS.
3. ASPHALT CONCRETE SHALL BE COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION AS VERIFIED PER CAL 216.
4. EXISTING AC SURFACES SHALL BE CUT TO A NEAT STRAIGHT LINE PARALLEL WITH THE CENTERLINE AND THE EXPOSED EDGE SHALL BE TACKED WITH EMULSION PRIOR TO PAVING. THE EXPOSED BASE MATERIAL SHALL BE GRADED, RE-COMPACTED, AND RESEALED PRIOR TO PAVING.

COMMUNICATIONS NOTES:

1. TELEPHONE/COMMUNICATION FACILITIES DEPICTED ON THESE PLAN SETS ARE FOR GENERAL LOCATION PURPOSES, ACTUAL HARDWARE, ALIGNMENTS, PLACEMENT, AND DESIGN TO BE PROVIDED BY VERIZON. CONTRACTOR TO COORDINATE WITH VERIZON FOR DESIGN AND INSTALLATION OF REQUIRED COMMUNICATION FACILITIES.

ELECTRIC NOTES:

1. POWER/ELECTRICAL FACILITIES DEPICTED ON THESE PLAN SETS ARE FOR GENERAL LOCATION PURPOSES, ACTUAL HARDWARE, ALIGNMENTS, PLACEMENT, AND DESIGN TO BE PROVIDED BY PACIFIC GAS & ELECTRIC (PG&E). CONTRACTOR TO COORDINATE WITH PG&E FOR DESIGN AND INSTALLATION OF REQUIRED COMMUNICATION FACILITIES.

QUANTITIES:

1. QUANTITIES AND LENGTHS OF ITEMS PROVIDED WITHIN THIS PLAN SET ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ACTUAL QUANTITIES OF COMPONENTS REQUIRED FOR THE SUCCESSFUL AND SATISFACTORY COMPLETION OF THE PROJECT.

DUST CONTROL NOTES:

1. THE CONTRACTOR SHALL IMPLEMENT ONE OR BOTH OF THE FOLLOWING MEASURES FOR DUST CONTROL ON THIS SITE:
 - 1.1 SPRAYING OF WATER SO AS NOT TO GENERATE ADDITIONAL RUNOFF. NO DUST PALLIATIVE MATERIALS OTHER THAN WATER WILL BE USED ON THIS PROJECT. IF NON-POTABLE WATER IS TO BE USED, IT MUST BE CONVEYED IN TANKS OR PIPES CLEARLY LABELED AS "NON-POTABLE WATER - DO NOT DRINK".
 - 1.2 COVERS FOR EXPOSED AREAS.

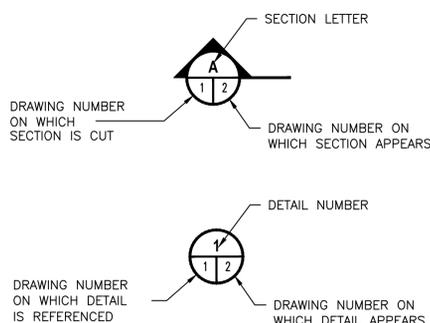
EQUIPMENT & MATERIALS STORAGE NOTES:

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL MATERIALS AND EQUIPMENT STORED ONSITE SHALL HAVE ADEQUATE COVERINGS AND CONTAINMENT TO PREVENT LEAKAGE AND SPILLS.
2. ALL MATERIALS AND EQUIPMENT SHALL BE STORED IN DESIGNATED AND APPROVED AREAS. THE AREA SHALL BE BERMED WITH EARTH DIKES THAT THE CONTRACTOR SHALL INSPECT AND MAINTAIN WEEKLY.
3. ALL FLAMMABLE, REACTIVE, AND/OR IGNITABLE LIQUIDS MUST COMPLY WITH LOCAL FIRE CODES.
4. DURING THE RAINY SEASON (OCTOBER THROUGH APRIL) THE CONTRACTOR SHALL ENSURE THAT MATERIALS ARE COVERED.
5. NO CHEMICALS, DRUMS, OR BAGGED MATERIALS SHALL BE STORED DIRECTLY ON THE GROUND; ITEMS SHALL BE PLACED ON PALLETS AND/OR IN SECONDARY CONTAINMENT.
6. IF DRUMS MUST BE KEPT UNCOVERED, THE CONTRACTOR SHALL STORE THEM AT A SLIGHT ANGLE TO REDUCE PONDING OF RAINWATER AND REDUCE CORROSION.
7. WHEN DANGEROUS MATERIALS AND/OR LIQUID CHEMICALS ARE UNLOADED ONSITE, THE CONTRACTOR SHALL HAVE EMPLOYEES TRAINED IN EMERGENCY SPILL CLEANUP PROCEDURES PRESENT.

VEHICLE MAINTENANCE NOTES:

1. EQUIPMENT AND VEHICLES TRAVELING ONSITE SHALL BE INSPECTED REGULARLY FOR LEAKS AND BE REPAIRED IMMEDIATELY; DO NOT ALLOW LEAKING VEHICLES ONSITE. KEEP VEHICLES AND EQUIPMENT CLEAN (DO NOT ALLOW EXCESSIVE BUILDUP OF OIL AND GREASE).
2. USE OFFSITE REPAIR SHOPS WHENEVER POSSIBLE; IF ONSITE REPAIRS ARE NECESSARY, USE A DESIGNATED AREA SURROUNDED BY EARTH BERMS. THE CONTRACTOR SHALL INSPECT THIS AREA WEEKLY AND AFTER EACH RAINSTORM EVENT TO ENSURE THAT THE EARTH BERMS ARE IN PLACE AND FUNCTIONING PROPERLY; ANY NON-FUNCTIONING BERMS SHALL BE REPAIRED IMMEDIATELY.
3. USE DRY CLEAN-UP METHODS FOR SPILLS AS MUCH AS POSSIBLE; USE ABSORBENT MATERIALS FOR SMALL SPILLS AND DISPOSE OF PROPERLY. USE A SECONDARY CONTAINMENT DURING FLUID CHANGES AND REPAIRS TO CATCH SPILLS.
4. SEGREGATE AND RECYCLE WASTES (INCLUDING BUT NOT LIMITED TO: USED OIL AND OIL FILTERS, BATTERIES, ETC.). KEEP HAZARDOUS WASTES SEPARATE FROM NON-HAZARDOUS WASTES; AFTER REPAIRS, ETC., PROMPTLY TRANSFER USED FLUIDS AND WASTES TO THEIR PROPER CONTAINMENT AREAS AND CONTAINERS.

SYMBOLS



SUMMARY OF QUANTITIES:			
ITEM	DESCRIPTION	PLAN QUANTITY TOTAL	UNIT
001	TEMPORARY FACILITIES	1	LS
002	MOBILIZATION / DEMOBILIZATION	1	LS
003	125,000 GAL BOLTED STEEL TANK	1	LS
004	TANK FOUNDATION	1	LS
005	GRADE ACCESS ROADWAY	1	LS
006	EXCAVATE TANK PAD/ WALL	1	LS
007	SOIL NAIL WALL (FACE)	2600	SF
008	CLASS II AGGREGATE BASE	420	TON
009	HOT MIX ASPHALT	210	TON
010	36" Ø CULVERT W/ END SECTION	1	LS
011	EROSION CONTROL	1	LS
012	SECURITY FENCE	210	LF
013	16' SECURITY GATE	1	EA
014	ROCK SLOPE PROTECTION	30	TON
015			
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022			
023			
024			
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DATE	6/20/16	PRELIMINARY DESIGN
REV		
DESCRIPTION		
DWN BY	RES BY	CHK BY
EEL		
FAM		
JTM		
TVCE		

KLAMATH WATER TANK

GENERAL NOTES & QUANTITIES

KLAMATH, DEL NORTE COUNTY, CALIFORNIA

DRAWN BY:	F. MASTEN
DESIGNED BY:	F. MASTEN
CHECKED BY:	J. MCKNIGHT
APPROVED BY:	TVCE

DATE OF ISSUE: JUNE 2016

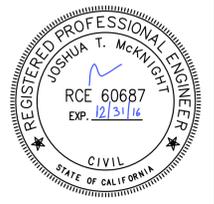
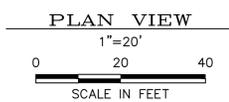
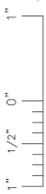
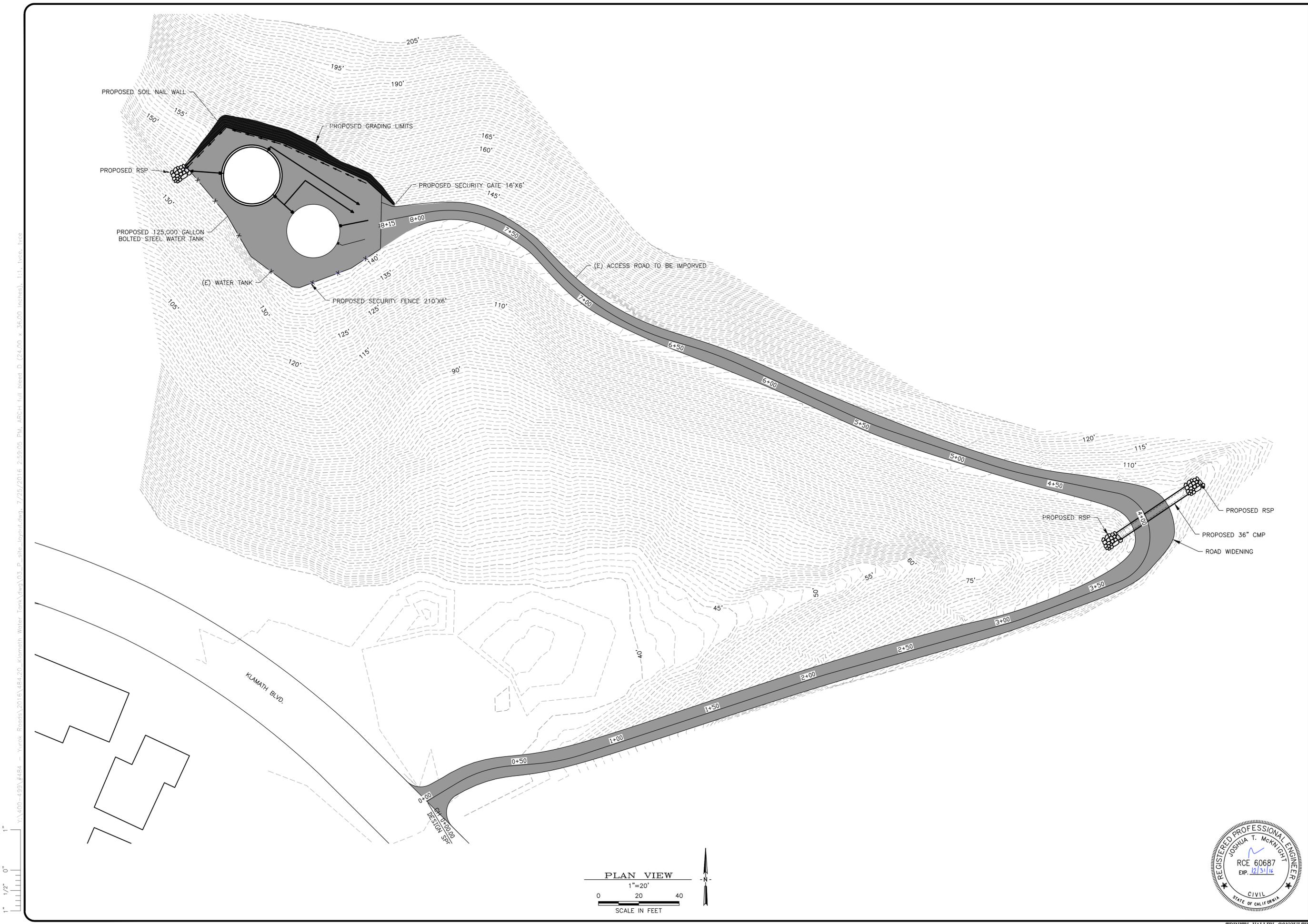
SCALE: AS SHOWN

PROJECT NO: 484

DRAWING NO: C01

1" 1/2" 0"

C:\Users\jmc\Documents\2016\484\Klamath\Water Tank\Drawings\01-general notes and quantities.dwg, 7/28/2016 2:50:25 PM, AECII - Full Based D: (24,00 x 36,00 inches), 11, TVCE, tvce



REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
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YUOK TRIBE PLANNING DEPARTMENT
 KLAMATH WATER TANK

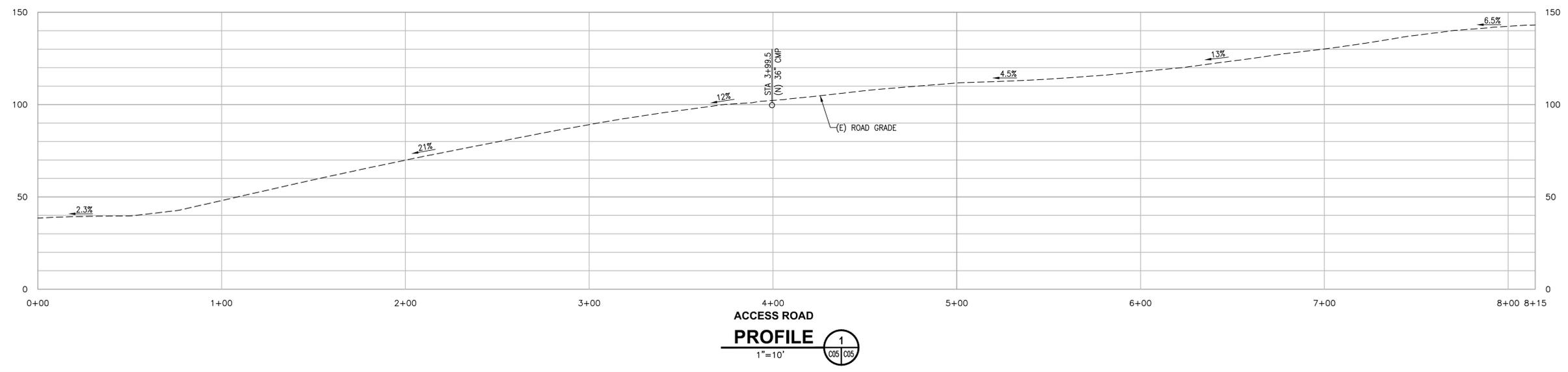
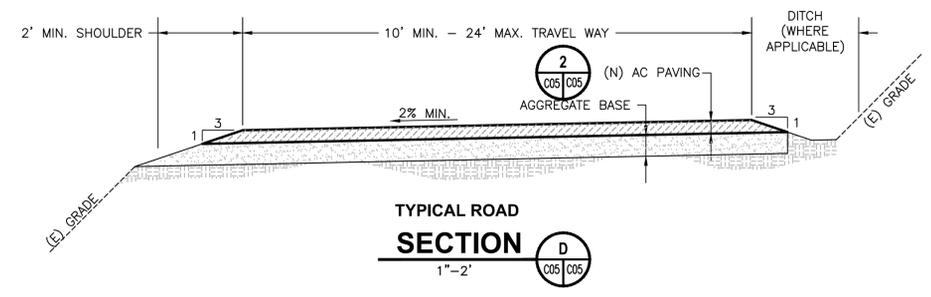
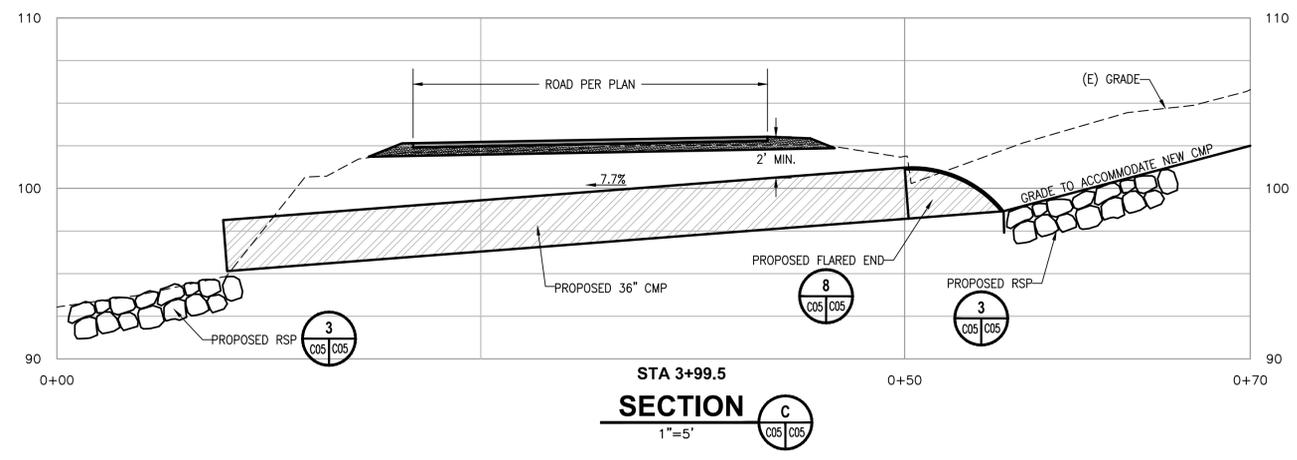
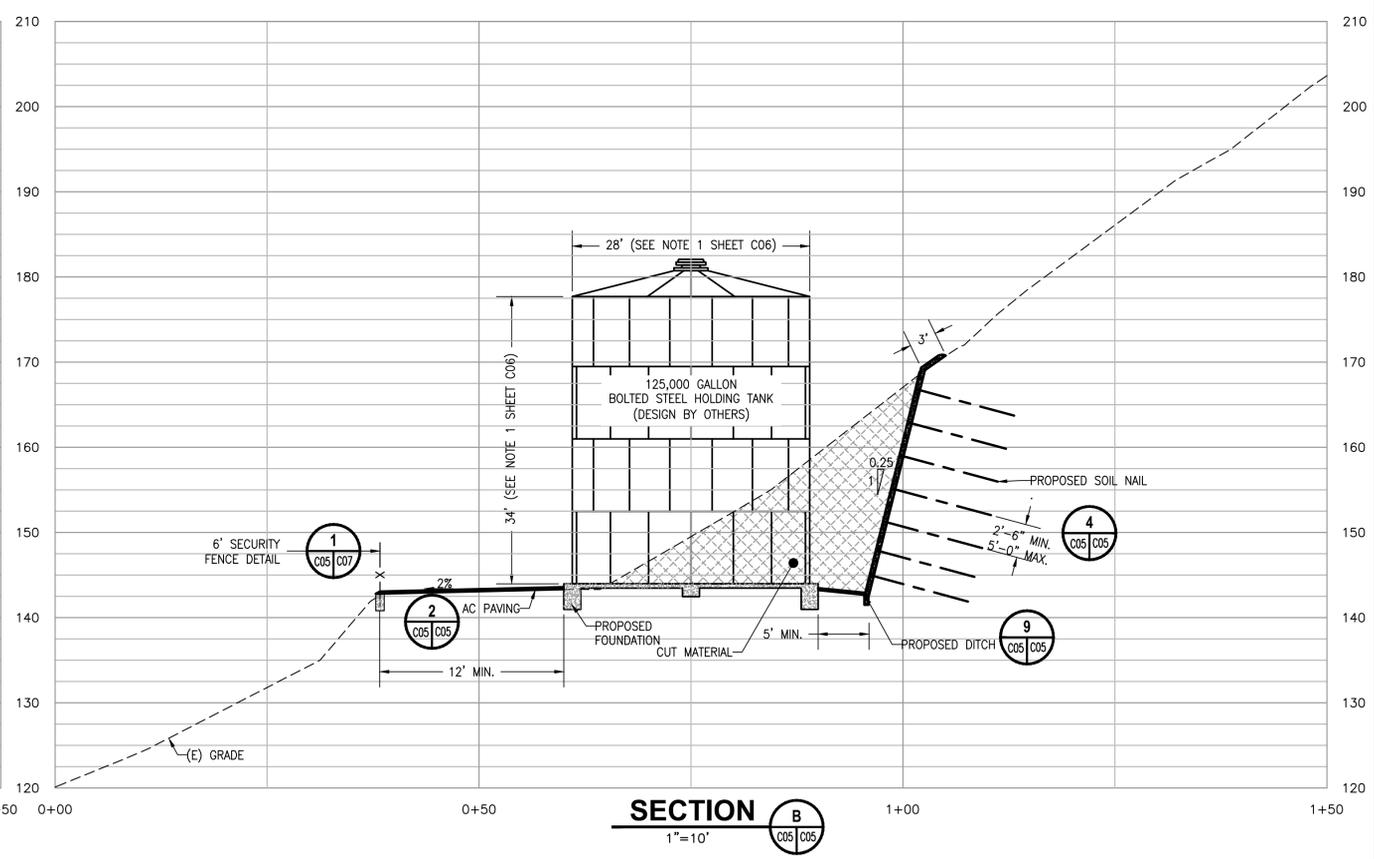
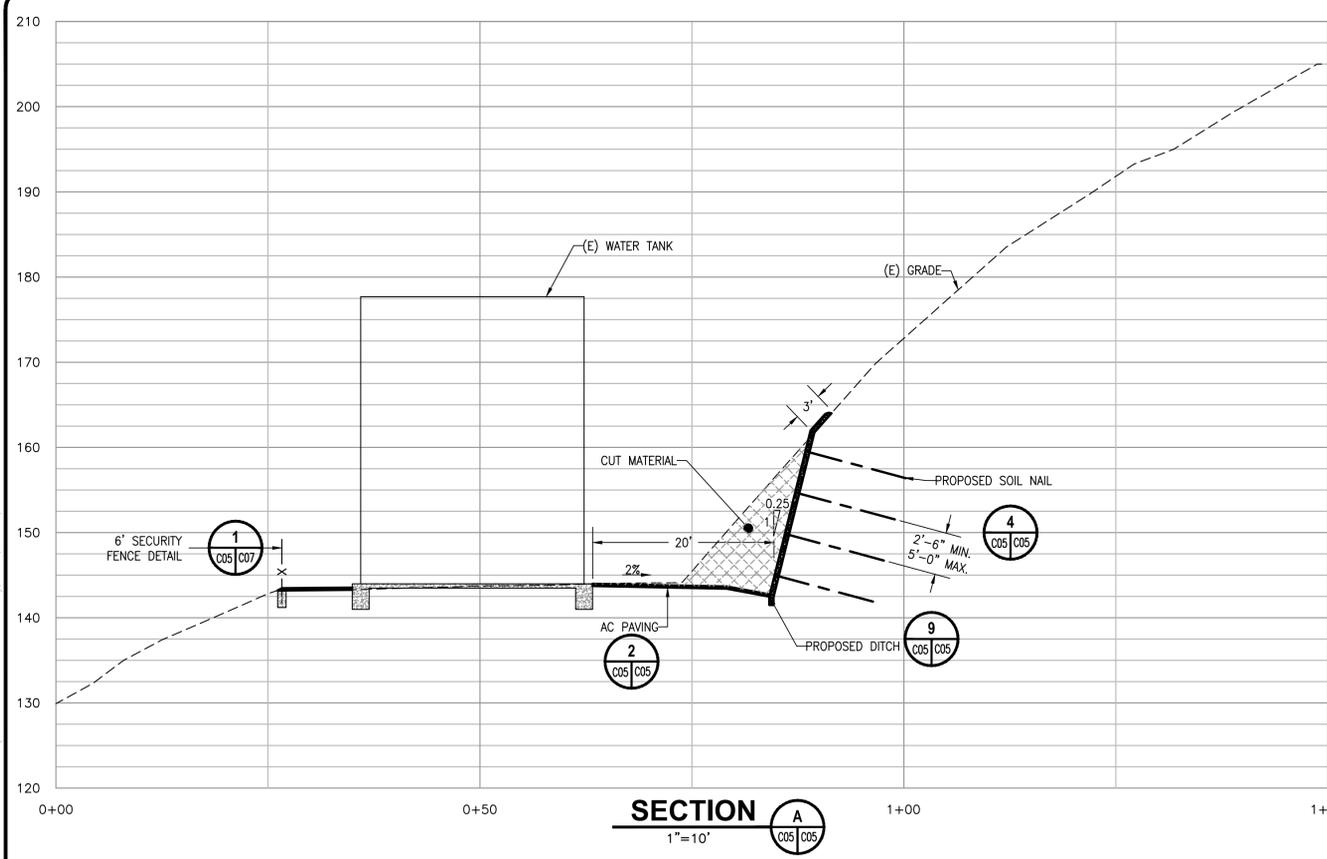
PROPOSED SITE PLAN

KLAMATH, DEL NORTE COUNTY, CALIFORNIA

DRAWN BY: E. KEYES	DESIGNED BY: J. MCKNIGHT	CHECKED BY: J. MCKNIGHT	APPROVED BY:
DATE OF ISSUE: JUNE 2016			
SCALE: AS SHOWN			
PROJECT NO: 484			
DRAWING NO: C03			

TVCE
 67 WILSON WAY
 PO BOX 1667
 WILLOW CREEK, CA 95573
 PHONE (530) 629-3000
 FAX (530) 629-3011

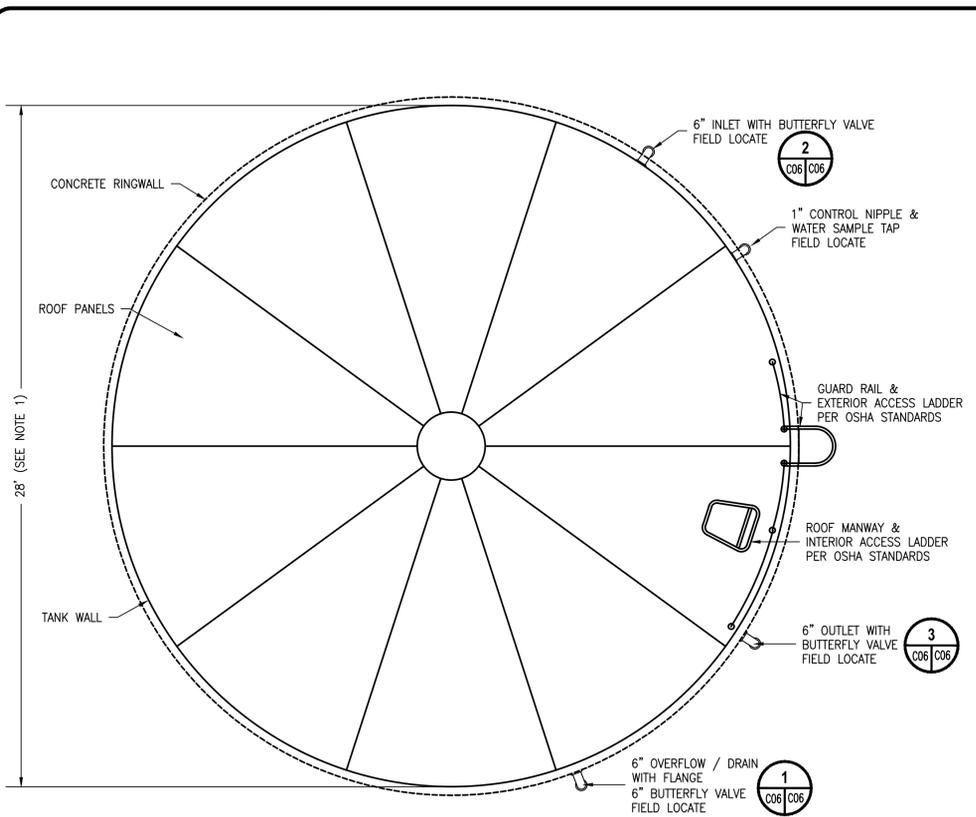
1" = 1/2' 0' 1"



REV	DATE	DESCRIPTION	CHK BY	APP BY
1	6/30/16	PRELIMINARY DESIGN	JTM	JTM

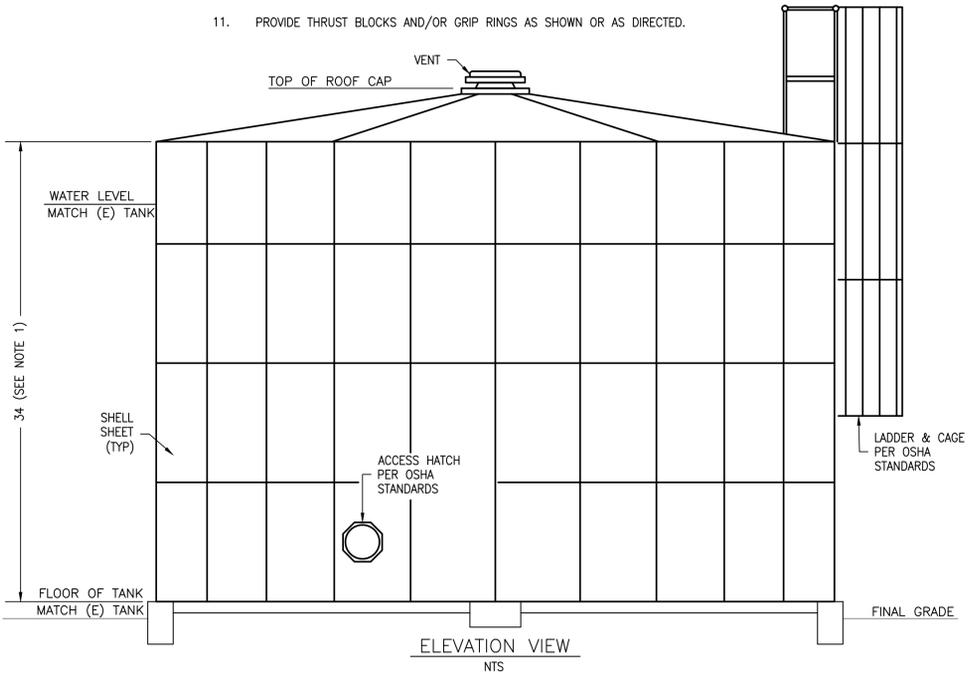
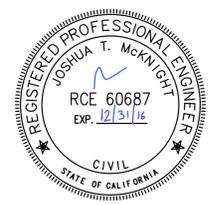
YUROK TRIBE PLANNING DEPARTMENT
KLAMATH WATER TANK
SITE SECTIONS
KLAMATH, DEL NORTE COUNTY, CALIFORNIA

DRAWN BY:	E. KEYES
DESIGNED BY:	JTM
CHECKED BY:	J. MCKNIGHT
APPROVED BY:	TVCE
DATE OF ISSUE:	JUNE 2016
SCALE:	AS SHOWN
PROJECT NO.:	484
DRAWING NO.:	C05.1

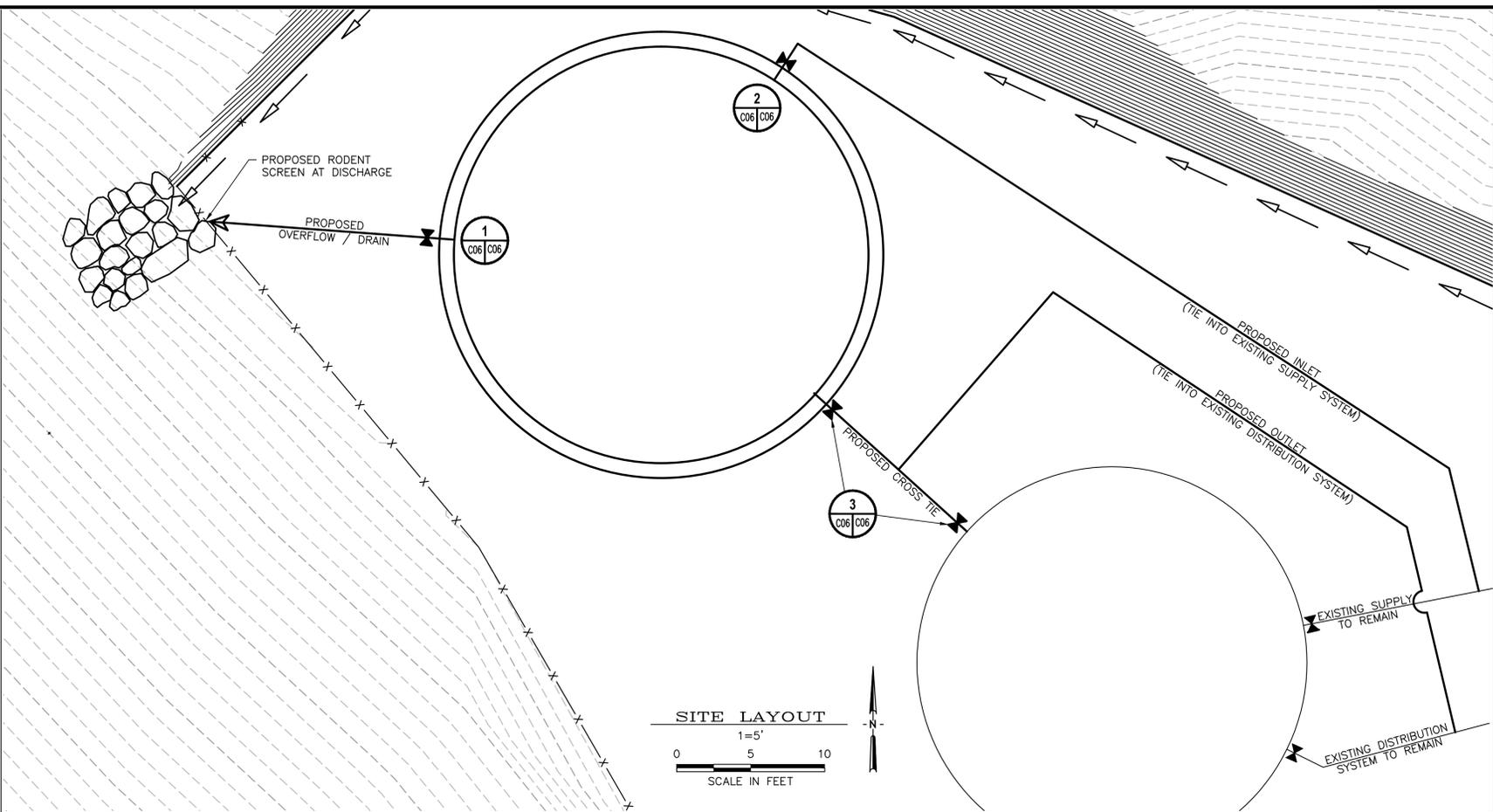


PLAN VIEW
NTS

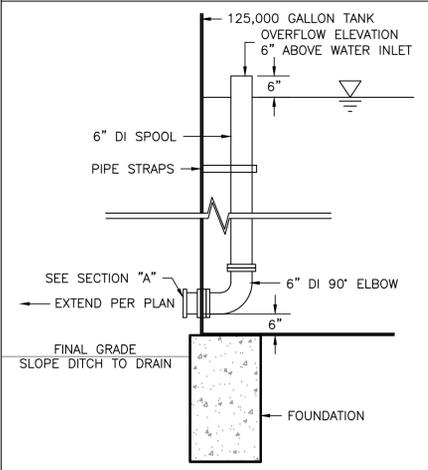
- NOTES:
- DIMENSIONS ARE APPROXIMATE, PROVIDE STANDARD TANK WITH MINIMUM 125,000 GALLON WORKING CAPACITY (BETWEEN OUTLET INVERT AND OVERFLOW INLET).
 - CONTRACTOR TO SUBMIT TANK PLANS FOR APPROVAL ACCORDING TO THE JOB SPECIFICATIONS.
 - CONNECTION PIPING AND CONTROLS NOT SHOWN IN ELEVATION VIEW FOR CLARITY.
 - PROVIDE TANK CONNECTION FOR LEVEL TRANSMITTER.
 - TYPICAL FOUNDATION IS SHOWN, PROVIDE FOUNDATION PER MANUFACTURER'S RECOMMENDATIONS AND SOILS REPORT.
 - ALL PIPE TO BE D.I. ABOVE GROUND AND PVC C-900 BELOW GROUND.
 - TANK FLOOR METAL TO BE 8 GA MIN.
 - ALL INTERIOR AND EXTERIOR BOLTS AND TANK PANELS TO BE EPOXY COATED OR CAPPED.
 - FINISH TANK WATER LEVEL SHALL BE THE SAME AS EXISTING WATER TANK. CONTRACTOR TO VERIFY EXISTING WATER TANK LEVEL.
 - PIPE CONNECTIONS FROM TANK TO UNDERGROUND REQUIRE FLEXIBLE SEISMIC COUPLING.
 - PROVIDE THRUST BLOCKS AND/OR GRIP RINGS AS SHOWN OR AS DIRECTED.



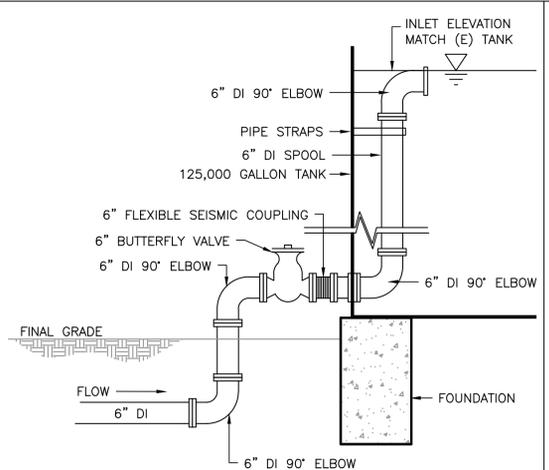
ELEVATION VIEW
NTS



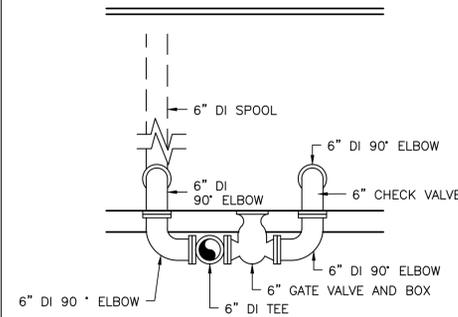
SITE LAYOUT
1=5'
SCALE IN FEET



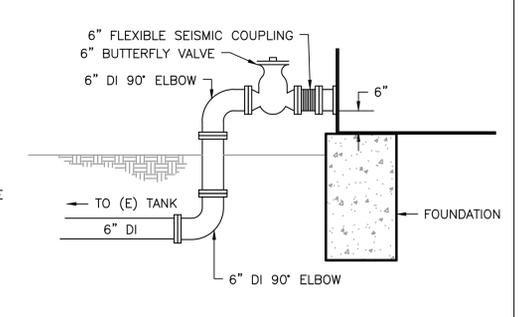
OVERFLOW/ DRAIN PIPING
DETAIL 1
1-2'



INLET PIPING
DETAIL 2
1-2'



OVERFLOW/ DRAIN PIPING
SECTION A
1-2'



OUTLET PIPING
DETAIL 3
1-2'

- WATER NOTES:**
- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF AWWA STANDARDS UNLESS OTHERWISE SHOWN OR DESCRIBED ON THESE PLANS.
 - THE CONTRACTOR SHALL NOTIFY THE KLAMATH COMMUNITY SERVICE DISTRICT (KCS D) FIVE (5) WORKING DAYS IN ADVANCE OF BEGINNING WORK.
 - PLANS SHALL BE RESUBMITTED FOR APPROVAL IF CONSTRUCTION OF WATER FACILITIES HAS NOT BEGUN WITHIN ONE (1) YEAR AFTER THE APPROVAL DATE OF THESE IMPROVEMENT PLANS.
 - ALL WORK SHALL BE INSPECTED BY THE KCS D PRIOR TO BACKFILLING.
 - THE CONTRACTOR SHALL NOTIFY THE KCS D IN CASE OF AN EMERGENCY.
 - THE CONTRACTOR SHALL NOTIFY THE KCS D FIVE (5) DAYS PRIOR TO SCHEDULED CONNECTION TO THE EXISTING WATER SYSTEM SO THE INSPECTOR CAN ARRANGE FOR CLOSURE OF VALVES AND CUSTOMER NOTIFICATION OF SHUTDOWN. THE KCS D WILL ARRANGE FOR CLOSURE OF VALVES, AND CUSTOMER NOTIFICATIONS OF SHUTDOWN. THE CONTRACTOR IS PROHIBITED FROM OPERATING ANY VALVES WITHOUT EXPRESS WRITTEN PERMISSION FROM THE KCS D.
 - THE CONTRACTOR SHALL DISINFECT AND FLUSH THE NEW WATER SYSTEM PRIOR TO CONNECTING TO THE EXISTING WATER SYSTEM PER AWWA 605.
 - SERVICE CONNECTIONS TO AN EXISTING WATER MAIN, OR TO AN EXTENSION OF AN EXISTING WATER MAIN, SHALL BE MADE BY THE CONTRACTOR. THE CONTRACTOR SHALL SCHEDULE AND PROCEED WITH THE SERVICE CONNECTION WITHOUT DELAY AND WITH MINIMUM INTERFERENCE TO EXISTING WATER AND FIRE SERVICES. THE CONTRACTOR SHALL NOTIFY THE KCS D AND SCHEDULE FOR INSPECTION FIVE (5) DAYS IN ADVANCE.
 - VALVES THREE INCHES (3") AND LARGER PLACED AT TEES, CROSSES, ELBOWS, AND REDUCERS SHALL BE FLANGED AND BOLTED TO THE FITTINGS.
 - PIPE JOINTS WILL NOT BE ALLOWED WITHIN SIX FEET (6') OF A VALVE, FITTING OR HYDRANT. DEFLECTION OF PIPE WILL NOT BE ALLOWED WITHIN TEN FEET (10') OF ANY FITTING OR VALVE.
 - STANDARD PIPE LENGTHS (MINIMUM EIGHTEEN (18) TO TWENTY (20) FEET) SHALL BE USED FOR ALL HORIZONTAL AND VERTICAL DEFLECTIONS.
 - BUTTERFLY VALVES SHALL BE MANUFACTURED BY DEZURIK, PRATT, MUELLER, OR APPROVED EQUAL.
 - ALL ELBOWS, TEES, CROSSES, REDUCERS, BLOW-OFFS, DEAD ENDS, AND VALVES SHALL BE RESTRAINED TO PREVENT MOVEMENT WHEN PRESSURIZED. RESTRAINTS SHALL BE INSTALLED WHETHER SHOWN ON PLANS AND DETAILS OR NOT. VALVES SHALL BE TREATED AS BI-DIRECTIONAL DEAD-ENDS WHEN DETERMINING REQUIRED RESTRAINT LENGTHS. THE TYPE OF RESTRAINT SHALL BE THRUST BLOCKS OR JOINT RESTRAINING DEVICES, AS HEREINAFTER SPECIFIED. JOINT RESTRAINING DEVICES SHALL BE USED AT ALL OTHER LOCATIONS, WHERE UTILITY CONFLICTS DO NOT LEAVE ROOM FOR THRUST BLOCKS, OR WHERE SPECIFIED. JOINT RESTRAINING DEVICES SHALL BE INSTALLED IN ALL PUSH ON AND MECHANICAL JOINTS WITHIN THE SPECIFIED "RESTRAINED LENGTH". THE "RESTRAINED LENGTH" SHALL COMPLY WITH NOTES ON THE PLANS, OR STANDARD DRAWINGS, WHICHEVER IS LONGER. IN THE EVENT THAT NO "RESTRAINED LENGTH" IS SPECIFIED, THE CONTRACTOR SHALL OBTAIN THE REQUIRED "RESTRAINED LENGTH" FROM THE ENGINEER.
 - JOINT RESTRAINING DEVICES FOR MECHANICAL JOINTS SHALL BE EBBA MEGALUG 1100, OR STAR PIPE PRODUCTS' STARGRIP 3000 FOR DUCTILE IRON PIPE; AND EBAA MEGALUG 2000PV, OR STAR PIPE PRODUCTS' ALLGRIP 3600, FOR PVC PIPE; OR APPROVED EQUAL BY THE KCS D. ONLY DUCTILE IRON PIPE SHALL BE USED WHEN RESTRAINING PUSH-ON JOINTS. PUSH-ON RESTRAINTS SHALL BE US PIPE FIELD LOCK GASKETS, OR US PIPE TR FLEX PIPE, OR APPROVED EQUAL BY THE KCS D. OUTSIDE THE BELL RESTRAINING DEVICES AND RESTRAINED PVC PUSH-ON JOINTS WILL NOT BE ALLOWED. THE PIPE LENGTH FROM THE RESTRAINED FITTING OR VALVE SHALL BE A MINIMUM OF 18- FEET, UNLESS OTHERWISE SPECIFIED.
 - THREE (3) SETS OF "AS-BUILT" PLANS SHALL BE SUBMITTED TO THE KCS D, PRIOR TO ACCEPTANCE OF THE WATER SYSTEM BY THE KCS D. ALL SHEETS SHALL BE STAMPED "RECORD DRAWING" OR "AS-BUILT".



DATE	REV	DESCRIPTION	DWN BY	CHK BY	APP BY
6/30/16		PRELIMINARY DESIGN			

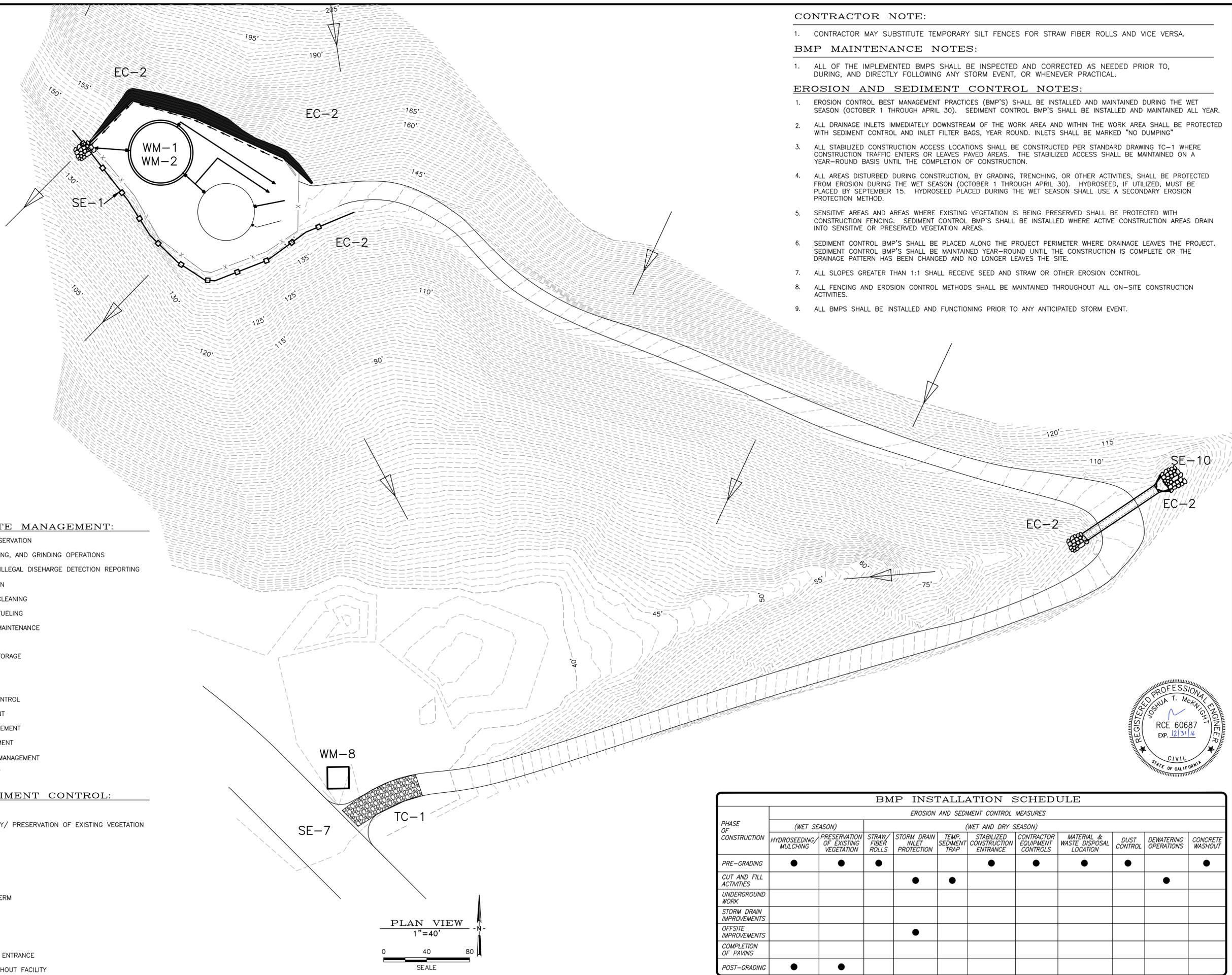
YUROK TRIBE PLANNING DEPARTMENT KLAMATH WATER TANK		UTILITY PLAN		KLAMATH, DEL NORTE COUNTY, CALIFORNIA	
DRAWN BY:	F. MASTEN	DESIGNED BY:	J. MCKNIGHT	CHECKED BY:	J. MCKNIGHT
DATE OF ISSUE:	JUNE 2016	SCALE:	AS SHOWN	PROJECT NO:	484
DRAWING NO:	C06.0				

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- LEGEND:**
- ON-SITE OVERLAND RELEASE PATH
 - OFF-SITE OVERLAND RELEASE PATH
 - STRAW/FIBER ROLLS
 - SILT FENCE
 - SEED AND STRAW

- CONSTRUCTION SITE MANAGEMENT:**
- NS-1 WATER CONTROL AND CONSERVATION
 - NS-3 PAVING, SEALING, SAWCUTTING, AND GRINDING OPERATIONS
 - NS-6 ILLEGAL CONNECTION AND ILLEGAL DISECHARGE DETECTION REPORTING
 - NS-7 POTABLE WATER/ IRRIGATION
 - NS-8 VEHICLE AND EQUIPMENT CLEANING
 - NS-9 VEHICLE AND EQUIPMENT FUELING
 - NS-10 VEHICLE AND EQUIPMENT MAINTENANCE
 - NS-12 CONCRETE CURING
 - WM-1 MATERIAL DELIVERY AND STORAGE
 - WM-2 MATERIAL USE
 - WM-3 STOCKPILE MANAGEMENT
 - WM-4 SPILL PREVENTION AND CONTROL
 - WM-6 HAZARD WASTE MANAGEMENT
 - WM-7 CONTAMINATED SOIL MANAGEMENT
 - WM-8 CONCRETE WASTE MANAGEMENT
 - WM-9 SANITARY/ SEPTIC WASTE MANAGEMENT
 - WM-10 LIQUID WASTE MANAGEMENT

- EROSION AND SEDIMENT CONTROL:**
- EC-1 SCHEDULING
 - EC-2 PRESERVATION OF PROPERTY/ PRESERVATION OF EXISTING VEGETATION
 - EC-6 STRAW MULCH
 - EC-7 GEOTEXTILE AND MATS
 - SE-1 TEMPORARY SILT FENCE
 - SE-5 TEMPORARY FIBER ROLLS
 - SE-6 TEMPORARY GRAVEL BAR BERM
 - SE-7 STREET SWEEPING
 - SE-10 INLET PROTECTION
 - WE-1 WIND EROSION CONTROL
 - TC-1 TEMPORARY CONSTRUCTION ENTRANCE
 - WM-8 TEMPORARY CONCRETE WASHOUT FACILITY



CONTRACTOR NOTE:

1. CONTRACTOR MAY SUBSTITUTE TEMPORARY SILT FENCES FOR STRAW FIBER ROLLS AND VICE VERSA.

BMP MAINTENANCE NOTES:

1. ALL OF THE IMPLEMENTED BMP'S SHALL BE INSPECTED AND CORRECTED AS NEEDED PRIOR TO, DURING, AND DIRECTLY FOLLOWING ANY STORM EVENT, OR WHENEVER PRACTICAL.

EROSION AND SEDIMENT CONTROL NOTES:

1. EROSION CONTROL BEST MANAGEMENT PRACTICES (BMP'S) SHALL BE INSTALLED AND MAINTAINED DURING THE WET SEASON (OCTOBER 1 THROUGH APRIL 30). SEDIMENT CONTROL BMP'S SHALL BE INSTALLED AND MAINTAINED ALL YEAR.
2. ALL DRAINAGE INLETS IMMEDIATELY DOWNSTREAM OF THE WORK AREA AND WITHIN THE WORK AREA SHALL BE PROTECTED WITH SEDIMENT CONTROL AND INLET FILTER BAGS, YEAR ROUND. INLETS SHALL BE MARKED "NO DUMPING"
3. ALL STABILIZED CONSTRUCTION ACCESS LOCATIONS SHALL BE CONSTRUCTED PER STANDARD DRAWING TC-1 WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES PAVED AREAS. THE STABILIZED ACCESS SHALL BE MAINTAINED ON A YEAR-ROUND BASIS UNTIL THE COMPLETION OF CONSTRUCTION.
4. ALL AREAS DISTURBED DURING CONSTRUCTION, BY GRADING, TRENCHING, OR OTHER ACTIVITIES, SHALL BE PROTECTED FROM EROSION DURING THE WET SEASON (OCTOBER 1 THROUGH APRIL 30). HYDROSEED, IF UTILIZED, MUST BE PLACED BY SEPTEMBER 15. HYDROSEED PLACED DURING THE WET SEASON SHALL USE A SECONDARY EROSION PROTECTION METHOD.
5. SENSITIVE AREAS AND AREAS WHERE EXISTING VEGETATION IS BEING PRESERVED SHALL BE PROTECTED WITH CONSTRUCTION FENCING. SEDIMENT CONTROL BMP'S SHALL BE INSTALLED WHERE ACTIVE CONSTRUCTION AREAS DRAIN INTO SENSITIVE OR PRESERVED VEGETATION AREAS.
6. SEDIMENT CONTROL BMP'S SHALL BE PLACED ALONG THE PROJECT PERIMETER WHERE DRAINAGE LEAVES THE PROJECT. SEDIMENT CONTROL BMP'S SHALL BE MAINTAINED YEAR-ROUND UNTIL THE CONSTRUCTION IS COMPLETE OR THE DRAINAGE PATTERN HAS BEEN CHANGED AND NO LONGER LEAVES THE SITE.
7. ALL SLOPES GREATER THAN 1:1 SHALL RECEIVE SEED AND STRAW OR OTHER EROSION CONTROL.
8. ALL FENCING AND EROSION CONTROL METHODS SHALL BE MAINTAINED THROUGHOUT ALL ON-SITE CONSTRUCTION ACTIVITIES.
9. ALL BMP'S SHALL BE INSTALLED AND FUNCTIONING PRIOR TO ANY ANTICIPATED STORM EVENT.



PHASE OF CONSTRUCTION	BMP INSTALLATION SCHEDULE										
	EROSION AND SEDIMENT CONTROL MEASURES										
	(WET SEASON)					(WET AND DRY SEASON)					
	HYDROSEEDING/MULCHING	PRESERVATION OF EXISTING VEGETATION	STRAW/FIBER ROLLS	STORM DRAIN INLET PROTECTION	TEMP. SEDIMENT TRAP	STABILIZED CONSTRUCTION ENTRANCE	CONTRACTOR EQUIPMENT CONTROLS	MATERIAL & WASTE DISPOSAL LOCATION	DUST CONTROL	DEWATERING OPERATIONS	CONCRETE WASHOUT
PRE-GRADING	●	●	●			●	●	●	●		●
CUT AND FILL ACTIVITIES				●	●					●	
UNDERGROUND WORK											
STORM DRAIN IMPROVEMENTS				●							
OFFSITE IMPROVEMENTS											
COMPLETION OF PAVING											
POST-GRADING	●	●									



REV	DATE	DESCRIPTION	CHK BY	APP BY

YUROK TRIBE PLANNING DEPARTMENT
 KLAMATH WATER TANK
EROSION CONTROL PLAN
 KLAMATH, DEL NORTE COUNTY, CALIFORNIA

DRAWN BY: E. KEYES
 DESIGNED BY: F. MASTEN
 CHECKED BY: J. MCKNIGHT
 APPROVED BY: TVCE
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