Dewberry\*

MOKELUME HILL

PROJECT LOCATION

COPPEROPOLIS

SAN ANDREAS

CITY OF ANGELS

JAMESTOWN

VICINITY MAP NO SCALE

MONO 180 VISTA

#### CITY OF ANGELS

## CALAVERAS COUNTY, CALIFORNIA

## PURDY ROAD WATER AND SEWER IMPROVEMENTS

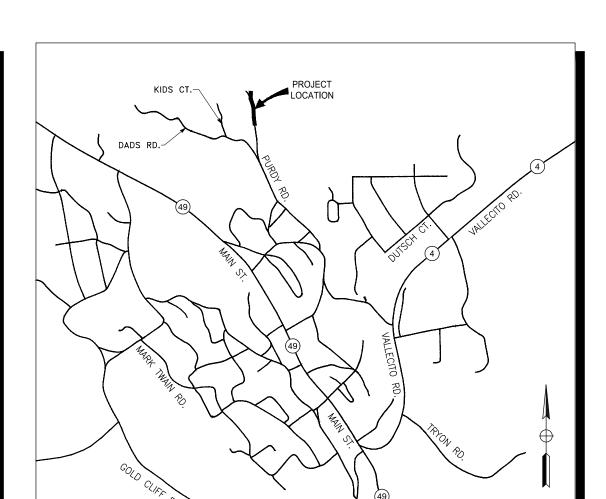
TO BE SUPPLEMENTED BY THE CITY OF ANGELS 2010 IMPROVEMENT STANDARDS

PROJECT LOCATION

CITY OF ANGELS MAP

NOT TO SCALE

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO CONTRACTORS"



SITE MAP NOT TO SCALE

**JUNE 2025** 

DEWBERRY 903 W CENTER STREET MANTECA, CA 95337 REVISED BID SET

CITY OF ANGELS

DEPARTMENT OF PUBLIC WORKS
2990 CENTENNIAL ROAD
ANGELS CAMP, CA 95222

USERNAME = ktran DGN FILE = PRWS-G-G0.10.dwg

TITLE SHEET

UNIT 0000 PROJECT NUMBER & PHASE 00000000

INDEX OF PLAN	ANS					PIPING SYSTEM	DESIGNATION	NS	PIPING DESIGNA	A TIONS			Dew		
SHEET NO.	DRAWING	DESCRIPTION				THING GIGIEM	DEGIGNATION	<u>10</u>	PIPING DESIGNA	ATIONS	-NOMINAL DIAMETER	2			PROFESS/ON
	05115011					BP BYPASS					SERVICE				18 For Ru
1	GENERAL G0.10	TITLE SHEET				DR DRAIN ELEC, E ELECTRICAL			PROPOSED PIPE		- (10" W) (10"	SS>			No. 33479 EXP. 6/30/26
2	G0.20	LIST OF DRAWINGS, SYMBO	OLS AND ABBR	EVIATIONS		SD STORM DRA	IN		EXISTING PIPE		- <u>36</u> " <u>W</u> <u>36</u> "	<u></u>			OF CALIFO
3	G0.30	GENERAL CONSTRUCTION A	ND SITE PIPIN	IG NOTES		SS SANITARY S									OF CALIFE
4 5	G0.40 G0.50	SURVEY CONTROL POINTS	D EACEMENT A	WD.		SSFM SANITARY S WTR, W POTABLE W	EWER FORCE M	IAIN		12" BD		CITY OF A	NGELS NT OF PUBLIC W	DEWB	BERRY W CENTER STREET
6	G0.50 G0.60	PROPERTY OWNERSHIP AND EROSION CONTROL DETAILS		МАР		, , , , , , , , , , , , , , , , , , , ,						2990 CEN	TENNIAL ROAD AMP, CA 95222	MANT	TECA, CA 95337
7	G0.61	EROSION CONTROL DETAILS				DRAWING LEGENI	<u>)</u>		10" 55	(5)					
						G GENERAL			12" BD	L ADDITION	IAL DESCRIPTION (IF REC	OUIRED)			
8	<u>CIVIL</u> C0.01	WATER AND SEWER MAIN E	FYISTING CONF	PARTICIPATION		C CIVIL				FLOW ST	REAM IDENTIFICATÌON LE . PIPE SIZE				
9	C0.01			'S AND SEWER REHABILITATION — OVERALL	PLAN VIEW	CD CIVIL DETAIL				NOMINAL	. PIPE SIZE				
10	CO.11	CONSTRUCTION SEQUENCIN	IG PLAN			SECTION/DETAIL	<b>SYMBOLS</b>		NOTE: FLOW STREAM IDEN	ITIFICATION I	EGEND SHALL BE USED I	FOR			
11 12	CO.12	PROPOSED SEWER BYPASS		EW				- SECTION LETTER	_		DDITIONAL DESCRIPTION				
13	C0.13 C1.00	TRAFFIC CONTROL PLAN - PROPOSED WATERLINE IMP		URDY ROAD — PLAN AND PROFILE — 1		SECTION	(A)	— SHEET WHERE SECTION IS	USED ONLY TO DES	SCRIBE THE F	PROCESS FUNCTION OF T	HE			
14	C1.01	PROPOSED WATERLINE IMP	ROVEMENTS P	URDY ROAD — PLAN AND PROFILE — 2		SCALE: 1/2"=1'-0"	G0.20	REFERENCED			ARE FROM THE STANDA	ARD			
15 16	C1.02 C1.03			55-2 TO MH. 55-4 - PLAN AND PROFILI 55-4 TO MH. 55-6 - PLAN AND PROFILI				- DETAIL NUMBER	ABBREVIATIONS DR	AWING.					
17	C1.03			55-6 TO MH. 55-7 - PLAN AND PROFILI		DETAIL COME 1 (0" 1' 0'	2 ×	-SHEET WHERE DETAIL IS							
18	C1.05	PROPOSED WATERLINE IMP	ROVEMENTS P	URDY ROAD - SECTION VIEW		SCALE: 1/2"=1'-0'	" G0.20	REFERENCED							
19 20	CD0.01 CD0.02	CONSTRUCTION DETAILS NO				•		- SECTION LETTER	₹						
21	CD0.02	CONSTRUCTION DETAILS NO CITY OF ANGELS STANDARI					G0.20	-SHEET WHERE							
							60.20	SECTION IS DRAWN							
GENERAL A	ABBREVIA1	TIONS					MATERIA	L DESIGNATION	<u>ONS</u>						
AB	AGGREGATE		FT	FOOT	PC	POINT OF CURVATURE									
AC	ASBESTOS	CEMENT	GPS	GLOBAL POSITIONING SYSTEM	PE	PLAIN END		AGGREGATE	BASE (A.B.)		CONCRETE MASONE	RY WALL		PLASTIC,	RUBBER OR NEOPE
AGG	AGGREGATE		GSP	GALVANIZED STEEL PIPE	PI	POINT OF INTERSECTION	<u> </u>	100DE01TE	DAGE WALK	(7)2/72/7 <u>)</u>				CAND	
CIPP		PLACE PIPE	GV	GATE VALVE	P/L	PROPERTY LINE	****	AGGREGATE	BASE WALK		EARTH			SAND	
€ CONC	CENTERLINE CONCRETE	Ē	HGT HORIZ	HEIGHT HORIZONTAL	PP PT	POWER POLE	7//////	A S D LL A L T I C	CONCRETE (A.C.)	+ + + +	EARTHWORK/GRADI	NG	W. (S. 10)	STUCCO	
COORD	COORDINAT	E	ID	INSIDE DIAMETER	PVC	POINT OF TANGENCY POLYVINYL CHLORIDE	(///////	ASITIALITO	DONGNETE (A.C.)	+ + + + +	,		4.47		
CU FT	CUBIC FEE	Т	IN	INCH	RC	RELATIVE COMPACTION		CHECKERED	PLATE		NATIVE ROCK				
CU IN	CUBIC INC		INV, I.E.	INVERT ELEVATION	RCP	REINFORCED CONCRETE PIPE	[كيركيركي]								
CY	CUBIC YAR		LB/CU F		REF	REFER OR REFERENCE	3	CONCRETE			GRATING				
C-C DET	CENTER TO DETAIL	CENTER	LF	LINEAR FEET	REINF	REINFORCE(D)									
DIA, Ø	DIAMETER		MAX MECH	MAXIMUM MECHANICAL	RMJ R.O.W.	RESTRAINED MECHANICAL JOINT RIGHT-OF-WAY									
DIP	DUCTILE IR	ON PIPE	MFR	MANUFACTURER	SCHED	SCHEDULE			CONTACTS						
DRWG	DRAWING		MH	MANHOLE	SHT	SHEET		CODE	NAME		DDRESS	CONTACT NAME			
EA ELD/	EACH		MIN	MINIMUM	SLP	SLOPE		CAMGAS	CAMPORA PROPANE S	PC	MGAS ) BOX 478	DESIREE MACLEA	1 (209)736-0	0449	
EL, ELEV ELL	ELEVATION ELBOW		MISC MJ	MISCELLANEOUS MECHANICAL JOINT	SQ	SQUARE		COMCLV	COMCAST-CALAVERAS		NGELS CAMP, CA 95222 305 TAM O'SHANTER DR.	KRIS COOK,	(005)457	6500	
ELEC	ELECTRIC		NO.	NUMBER	SQ FT SQ IN	SQUARE FOOT SQUARE INCH		COMICEV	COMCAST-CALAVERAS	ST	OCKTON, CA 95210	REG. CONS.	(925)453-0 EXT. 30431		
ENGR	ENGINEER		NTS	NOT TO SCALE	SST	STAINLESS STEEL		JSWGAS	J.S. WEST PROPANE		BOX 37	SPECIALIST KATLIN LINKER	(209)736-4	4799	
EX, E	EXISTING		NIC	NOT IN CONTRACT	STL	STEEL		DAODEL	DAOISIO DELL		GELS CAMP, CA 95222	COOTT FLCACCED			
FDC		RTMENT CONNECTION	OC	ON CENTER	ТВМ	TEMPORARY BENCH MARK		PACBEL	PACIFIC BELL	<del>-</del> -	<del></del>	SCOTT ELSASSER	(209)474-4 se1672@att	439 <i>7</i> t.com	
FG FIG	FINISHED OF	SKADE	OD	OUTSIDE DIAMETER	TCE	TEMPORARY CONSTRUCTION EAS	SEMENT								
FL	FLANGED		OG OHE	ORIGINAL GRADE OVERHEAD ELECTRICAL	TYP UE	TYPICAL UNDERGROUND ELECTRIC		PGEMDO	PGE DISTR MODESTO				(877)743-	7782	
FLR	FLOOR		P	PROPOSED	UON	UNLESS OTHERWISE NOTED							Delineation! uests@pge.		
OFNEDAL	0)44001.0							WATER SEWER	CITY OF ANGELS	Cl	TY OF ANGELS O B. MONTE VERDA STREE	DAVE POROVICH	(209)736-2	181	
GENERAL S			_					STORM DRAI	N		IGELS CAMP, CA 95222	• •			
<b>A</b>	AIR RELEAS	SE VALVE	\$	SEWER MANHOLE											
. e	BLOW OFF BOLLARD		-	SIGN WATER METER											
•		ΔΝΤ	9	WATER VALVE											
• • •	FIRE HYDRA														
• • •															
• • • • • •	FIRE HYDRA	OR											T OF DRA		

- 9. PRIOR TO BEGINNING WORK, CONTACT CAL-OSHA AT (559) 445-5302 FOR PERMIT REQUIREMENTS
- 10. CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY: THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE CITY AND THE DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE CITY OR THE DESIGN ENGINEER.
- 11. EXCAVATIONS OF 5 FEET OR MORE IN DEPTH WILL REQUIRE AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY. FOR TRENCHES 5 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL COMPLY WITH SECTION 5-1.02A OF THE CALTRANS STANDARDS, CHAPTER 9 OF THE STATE OF CALIFORNIA LABOR CODE, AND APPLICABLE 21. DEMOLITION OF EXISTING FEATURES SHALL BE LIMITED

LOCAL CODES OR ORDINANCES.

- 12. WHENEVER PAVEMENT IS BROKEN OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE SPECIFICATIONS, THE CONTRACTOR SHALL REPLACE THE PAVEMENT, AFTER PROPER BACKFILLING, WITH PAVEMENT MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL PAVING, THE FINISHED PAVEMENT SHALL BE SUBJECT TO THE APPROVAL OF THE CITY ENGINEER.
- 13. THE CONTRACTOR'S ATTENTION IS DIRECTED TO: SECTION 1540 (A) (1) OF THE CONSTRUCTION SAFETY ORDERS (TITLE 8 CALIFORNIA ADMINISTRATION CODE SECTION 1540), ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONS SAFETY AND HEALTH ACT OF 1973, AS AMENDED, WHICH STATES: 24. ALL CURB, GUTTER AND SIDEWALK SHOWN TO BE (A) "PRIOR TO OPENING AN EXCAVATION, THE CONTRACTOR SHALL DETERMINE WHETHER UNDERGROUND INSTALLATIONS; I.E., SEWER, WATER, FUEL, ELECTRIC LINES, ETC., WILL BE ENCOUNTERED AND IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN THE EXCAVATION APPROACHES THE LOCATION OF SUCH UNDERGROUND 25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION. THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING; AND, WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE EXISTING INSTALLATION BY THE CONTRACTOR
- 14. DUST SHALL BE CONTROLLED PER SECTION 10 OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS AND PROJECT TECHNICAL SPECIFICATIONS.
- 15. ALL DRAINAGE PATTERNS SHALL BE MAINTAINED AT ALL TIMES DURING AND AFTER CONSTRUCTION.
- 16. THE CITY SHALL BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF ANY WORK BEING PERFORMED.
- 17. A FOURTEEN (14) DAY NOTICE SHALL BE GIVEN FOR ANY PLANNED DISRUPTION AND THE CITY OR

- ASSOCIATED UTILITY COMPANY TO BE AFFECTED SHALL BE NOTIFIED IMMEDIATELY UPON ANY UTILITY SERVICE DISRUPTION OTHER THAN SPECIFIED PREVIOUSLY.
- 18. EXISTING OVERHEAD ELECTRIC AND TELEPHONE TRANSMISSION LINES MAY BE LOCATED AT OR NEAR THE SITE. THESE OVERHEAD UTILITIES ARE NOT SHOWN ON THE DRAWINGS. EXTREME CAUTION SHALL BE USED WHEN WORKING IN THE VICINITY OF OVERHEAD UTILITIES SO AS TO PREVENT INJURY TO WORKMEN OR DAMAGE TO THE UTILITIES.
- 19. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING WATER, SEWER AND/OR DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL THE PROPOSED IMPROVEMENTS ARE PLACED, FUNCTIONING, AND ACCEPTED BY THE CITY.
- 20. EXACT LIMITS OF PAVEMENT REMOVAL AND RECONSTRUCTION SHALL BE BE DETERMINED IN THE FIFLD BY THE CITY ENGINEER.
- TO THE ITEMS SHOWN ON THE PLANS AND DESCRIBED IN THE SPECIFICATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE ALL EXISTING FEATURES DAMAGED BY HIS OPERATIONS. AT HIS EXPENSE.
- 22. THE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR PROTECTING EXISTING TREES, ANY TREE DAMAGED SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE CITY.
- 23. CALL PG&F 48 HOURS IN ADVANCE TO REQUEST "STANDBY" WHEN WORKING NEAR (WITHIN 10') OR CROSSING HIGH PRESSURE FEEDER GAS MAINS AS DESIGNATED ON THE PLANS OR IN THE FIELD. CONTACT PG&E BY CALLING (877)743-7782.
- REMOVED SHALL BE REMOVED TO THE NEAREST EXPANSION JOINT OR SCORE MARK. DAMAGE TO EXISTING CURB, GUTTER, AND SIDEWALK WHICH IS SHOWN ON THE PLANS TO REMAIN, SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- MAINTAINING RECORD DRAWINGS FOR ALL UNDERGROUND WORK THROUGHOUT THE COURSE OF CONSTRUCTION. SUCH DRAWINGS SHALL RECORD THE LOCATION AND GRADE (CITY DATUM) OF ALL UNDERGROUND IMPROVEMENTS AND SHALL BE DELIVERED TO THE CITY PRIOR TO CONSIDERATION OF THE ACCEPTANCE OF WORK.
- 26. FEATURES SHOWN ON THE AERIAL PHOTOS AND SITE PHOTOGRAPHS ARE FOR INFORMATION ONLY AND MAY HAVE CHANGED SINCE PHOTOS WERE TAKEN THE PHOTOS ARE NOT RECTIFIED AND MAY HAVE VARYING LEVELS OF DISTORTION. PHOTO SCALE IS APPROXIMATE.
- 27. ALL STRUCTURES, PLANTINGS, OR OTHER FIXTURES NOT SPECIFICALLY NOTED TO BE REMOVED SHALL BE PROTECTED IN PLACE. IF DAMAGED AS PART OF WORK, ALL DAMAGED UTILITIES SHALL BE REPLACED

- IN AS GOOD OR BETTER THAN EXISTING CONDITIONS. GENERAL SITE PIPING NOTES:
- 28. CONTRACTOR SHALL COORDINATE AND NOTIFY THE CITY ENGINEER 24 HOURS IN ADVANCE WHEN WORK IS READY FOR INSPECTIONS. PRESENCE OR ABSENCE OF CITY ENGINEER WILL NOT RELIEVE CONTRACTOR OF FULL RESPONSIBILITY FOR PROPER PERFORMANCE
- 29. CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF ALL MATERIALS THAT ARE TO BE REMOVED FROM AND DEBRIS. CONTRACTOR SHALL MAINTAIN THE SITE IN A SAFE, NEAT, AND ORDERLY CONDITION CONTRACTOR SHALL DELIVER MATERIALS OR EQUIPMENT TO BE SALVAGED AND RETURNED TO THE 3. PIPELINE STATION SHOWN IS APPROXIMATE. CITY AT THE LOCATION TO BE DETERMINED BY THE
- 30. SOME EXISTING ABANDONED UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES. WHERE SHOWN ABANDONED UTILITIES ARE BASED ON FIELD OBSERVATIONS AND RECORD DOCUMENTS, AND MAY NOT BE ACCURATE. NO ATTEMPT WAS MADE TO IDENTIFY OR SHOW ALL ABANDONED UTILITIES. CONTRACTOR SHALL VERIFY ABANDONMENT OF UTILITIES NOT SHOWN ON THE PLANS PRIOR TO DISTURBANCE.
- 31. THE EXISTING SEWERS ARE KNOWN TO HAVE HIGH CONCENTRATIONS OF TOXIC AND/OR EXPLOSIVE GASES. WASTEWATER MAY CONTAIN INFECTIOUS AND/OR CONTAGIOUS DISEASES AND THE CONTRACTOR SHALL OBSERVE ALL NECESSARY PRECAUTIONS.
- 32. MANHOLE ENTRY AND/OR ENTRY TO ANY EXCAVATION GREATER THAN FOUR (4) FEET DEEP SHALL BE IN FULL COMPLIANCE WITH THE CONFINED SPACE ENTRY 8. ALL OPEN TRENCHES SHALL BE APPROPRIATELY PLATED REQUIREMENTS OF CALIFORNIA AND FEDERAL OSHA.
- 33. CONTRACTOR SHALL COMPLY WITH ALL STATE AND CITY LAWS AND ORDINANCES RELATING TO SAFETY AND CHARACTER OF WORK, EQUIPMENT AND LABOR PERSONNEL. THIS SHALL INCLUDE, BUT NOT LIMITED TO SHORING OF TRENCHES, VENTILATION OF CONFINED SPACES, CONFORMANCE TO TRAFFIC CONTROL REQUIREMENTS, INCLUDING PROVISIONS AND MAINTENANCE OF BARRICADES, TRENCH COVERS, AND PREPARATION AND IMPLEMENTATION OF TRAFFIC CONTROL PLANS AS REQUIRED.
- 34. A 48-HOUR NOTICE SHALL BE PROVIDED TO THE CITY AND AFFECTED RESIDENTS IF ANY DRIVEWAY WILL BE BLOCKED DURING THE CONSTRUCTION HOURS; NO DRIVEWAY SHALL REMAIN BLOCKED OR OTHERWISE INACCESSIBLE OUTSIDE OF CONSTRUCTION 12. PROVIDE FIRE HYDRANT PER CITY STANDARD DRAWING
- 35. CONTRACTOR SHALL MAINTAIN CONTINUOUS ACCESS FOR EMERGENCY VEHICLES THROUGH THE CONSTRUCTION AREA AT ALL TIME

- 1. EXISTING UTILITIES ARE SHOWN BASED ON A REVIEW OF HISTORICAL CONSTRUCTION DRAWINGS. CONTRACTOR SHALL POTHOLE TO VERIFY IN FIELD HORIZONTAL AND VERTICAL LOCATION OF UTILITIES WHEN NECESSARY TO RELY ON LOCATION FOR CONSTRUCTION. POTHOLING FOR CROSSINGS SHALL OCCUR A MINIMUM OF SIX WEEKS PRIOR TO UNDERGROUND CONSTRUCTION IN THE AREA BEING POTHOLED
- THE SITE INCLUDING SURPLUS EXCAVATION MATERIALS 2. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES AT ALL UTILITY CROSSINGS

  - 4. PROVIDE MINIMUM CLEARANCE OF 12" AT PIPELINE CROSSINGS UNLESS INDICATED OTHERWISE. SHOULD THE RESULT OF POTHOLING OF EXISTING UTILITIES AT PROPOSED CROSSINGS INDICATES THAT 12" CLEARANCE CANNOT BE OBTAINED WITH PROPOSED VERTICAL ALIGNMENT OF WATERLINE, ADJUST ALIGNMENT OF PROPOSED WATERLINE AS APPROVED BY THE CITY.
  - 5. PROVIDE MINIMUM LONGITUDINAL CLEARANCE OF 12" BETWEEN PIPELINES UNLESS INDICATED OTHERWISE
  - 6. DO NOT CUT PIPELINES TO BE ABANDONED UNTIL DIRECTED BY THE CITY.
  - 7. WHERE CONNECTIONS ARE TO BE MADE TO EXISTING FACILITIES AND PIPING, CONTRACTOR SHALL EXPOSE EXISTING PIPING AND DEVELOP INFORMATION TO FACILITATE PIPE FABRICATION. EXPOSURE AND MEASUREMENTS SHALL BE ACCOMPLISHED PRIOR TO SUBMITTAL OF PIPING SHOP DRAWINGS.
  - OVER WHEN THE CONTRACTOR IS NOT ACTIVELY WORKING IN THAT TRENCH.
  - 9. FOR PIPE TRENCH BEDDING AND BACKFILL FOR WATERLINE AND SEWER, SEE DETAIL 1. SHEET CD0.01.
  - 10. WHERE CONNECTIONS ARE TO BE MADE TO EXISTING FACILITIES AND PIPING, CONTRACTOR SHALL EXPOSE EXISTING PIPING AND DEVELOP INFORMATION TO FACILITATE PIPE FABRICATION. EXPOSURE AND MEASUREMENTS SHALL BE ACCOMPLISHED PRIOR TO SUBMITTAL OF PIPING SHOP DRAWINGS.
  - 11. PROVIDE WATER VALVE AND LOCATING WIRE INSTALLATION PER CITY STANDARD WS-1, VALVE AND LOCATING WIRE INSTALLATION, DETAIL 9, SHEET CD0.03.
  - WS-6, FIRE HYDRANT AND BLOW-OFF ASSEMBLY, SEE DETAIL 11, SHEET CD0.03.
  - 13. PROVIDE, THRUST BLOCKS AT FITTINGS ON PRESSURED PIPELINES PER CITY STANDARD DRAWINGS WS-13, THRUST BLOCK DETAILS, SEE DETAIL 13, SHEET CD0.03.

**Dewberry** 

No. 33479 EXP. 6/30/26 CIVIL

DEPARTMENT OF PUBLIC WORKS 2990 CENTENNIAL ROAD NGELS CAMP, CA 95222

903 W CENTER STREET MANTECA, CA 95337

#### **ENVIRONMENTAL REQUIREMENTS:**

- 1. CONSTRUCTION EQUIPMENT AND PERSONNEL SHALL BE LIMITED TO THE DESIGNATED WORK AREA
- 2. ALL EQUIPMENTS SHALL BE RE-FUELED AND SERVICED AT ADJACENT CONSTRUCTION STAGING
- 3. ALL EXCAVATED TRENCHES SHALL BE COVERED AT THE END OF EACH WORKING DAY TO PREVENT INADVERTENT ENTRAPMENT OF ANIMALS.
- 4. ALL EQUIPMENT AND VEHICLES SHALL BE CLEANED TO REMOVE DIRT AND WEED SEEDS PRIOR TO BEING TRANSPORTED OR DRIVEN TO OR FROM THE
- 5. CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO 7:00 AM TO 5:00 PM MONDAY THROUGH FRIDAY AND 8:00 AM TO 4:00 PM ON SATURDAYS UNLESS APPROVED BY THE CITY. NO CONSTRUCTION ACTIVITIES SHALL OCCUR ON SUNDAYS OR CITY RECOGNIZED HOLIDAYS.
- 6. VIBRATION-GENERATING CONSTRUCTION EQUIPMENT SHALL NOT GENERATE VIBRATION LEVELS THAT EXCEED 0.1 IN./SEC. PPV AT HISTORIC STRUCTURES OR OCCUPIED RESIDENCES.

**^ ^** 

GO. 30 8

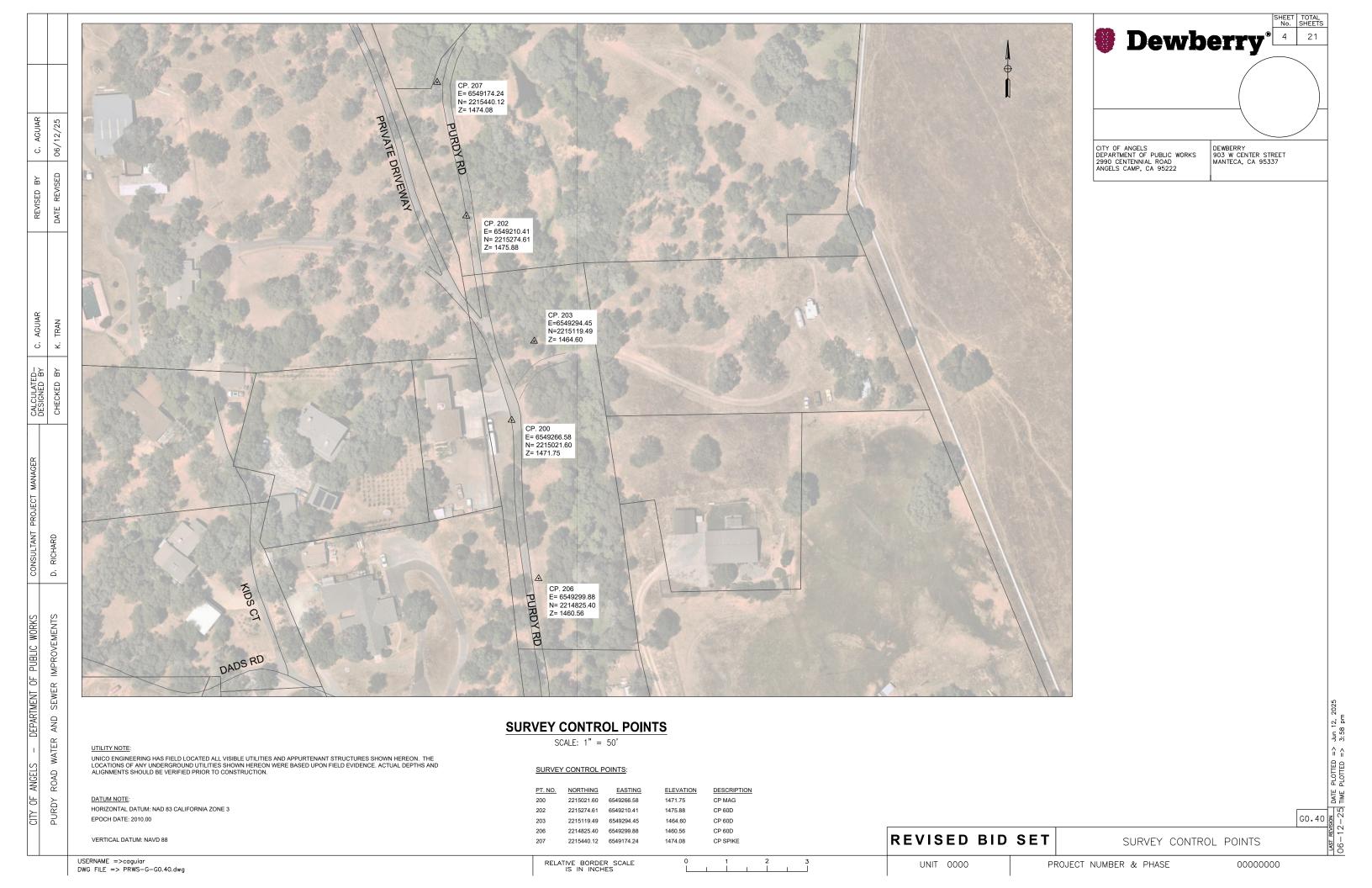
REVISED BID SET GENERAL CONSTRUCTION AND SITE PIPING NOTES

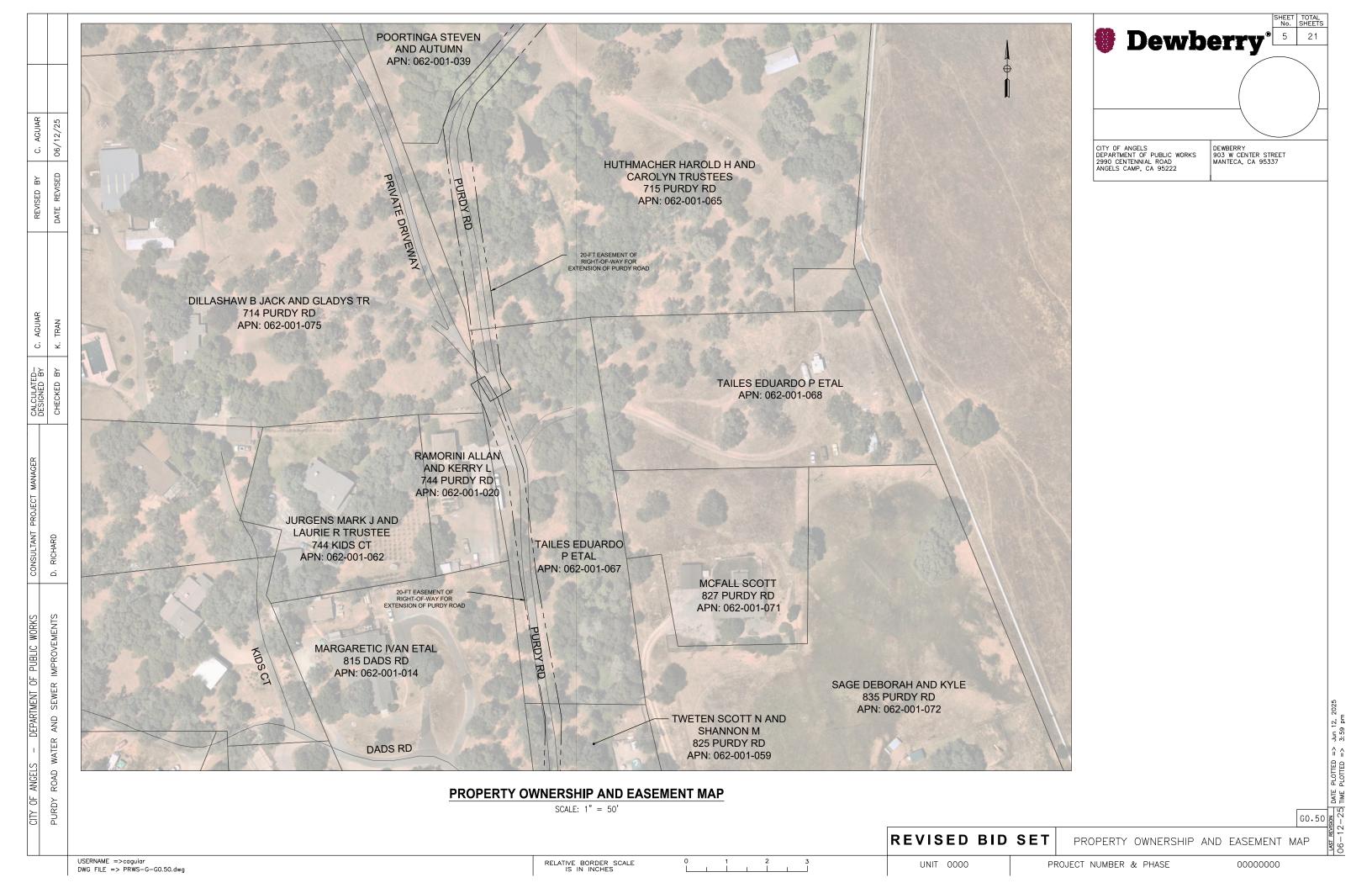
USERNAME =>caguiar DWG FILE => PRWS-G-G0.30.dwg

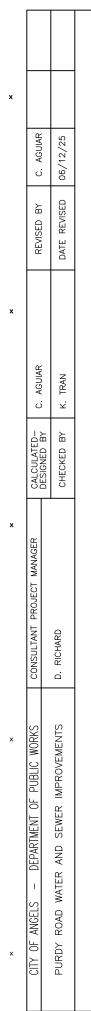
RELATIVE BORDER SCALE

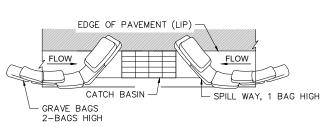
UNIT 0000

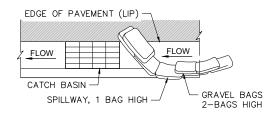
PROJECT NUMBER & PHASE





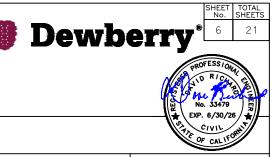






#### NOTE:

- 1. INTENDED FOR SHORT-TERM USE.
- 2. USE TO INHIBIT NON-STORM WATER FLOW.
- 3. ALLOW FOR PROPER MAINTENANCE AND CLEAN UP.
- 4. BAGS MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED.
- 5. NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRIC.



CITY OF ANGELS DEPARTMENT OF PUBLIC WORKS 2990 CENTENNIAL ROAD ANGELS CAMP, CA 95222 DEWBERRY 903 W CENTER STREET MANTECA, CA 95337

## TYPICAL PROTECTION FOR INLET ON SUMP

SCALE: N.T.S

### DI PROTECTION TYPE 3 - GRAVEL BAG:

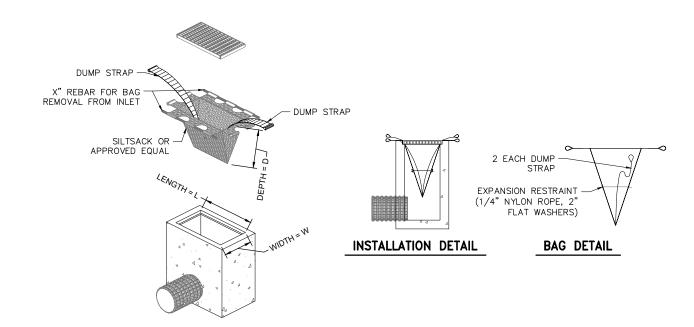
THE GRAVEL BAG BARRIER (TYPE 3) IS SHOWN IN THE FIGURES. FLOW FROM A SEVERE STORM SHOULD NOT OVERTOP THE CURB. IN AREAS OF HIGH CLAY AND SILTS, USE FILTER FABRIC AND GRAVEL AS ADDITIONAL FILTER MEDIA. GRAVEL BAGS SHOULD BE USED DUE TO THEIR HIGH PERMEABILITY.

TYPICAL PROTECTION FOR INLET ON GRADE

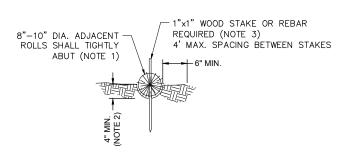
SCALE: N.T.S

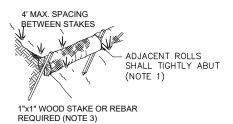
- 1. USE SAND BAG MADE OF GEOTEXTILE FABRIC (NOT BURLAP) AND FILL WITH 0.75 IN. ROCK OR 0.25 IN. PEA GRAVEL.
- 2. CONSTRUCT ON GENTLY SLOPING STREET.
- 3. LEAVE ROOM UPSTREAM OF BARRIER FOR WATER TO POND AND SEDIMENT TO SETTLE.
- 4. PLACE SEVERAL LAYERS OF SAND BAGS OVERLAPPING THE BAGS AND PACKING THEM TIGHTLY TOGETHER.
- 5. LEAVE GAP OF ONE BAG ON THE TOP ROW TO SERVE AS A SPILLWAY. FLOW FROM A SEVERE STORM (E.G., 10 YEAR STORM) SHOULD NOT OVERTOP THE CURB.
- 6. THIS DETAIL IS TO BE USED ON EXISTING STREETS WHERE SILTED FLOW IS TO BE INTERCEPTED (CAUGHT) PRIOR TO ENTERING THE STORM DRAIN SYSTEM. SANDBAGS CAN ALSO BE USED WHEN THE ROUGH GRADED STREETS HAVE POURED IN-PLACE CONCRETE SURROUNDING THE INLET TO CREATE A "FLOW LINE" WHERE A DAM CAN BE ACHIEVED TO PROTECT THE STORM SYSTEM FROM THE INFLOW OF SEDIMENT.

## DI PROTECTION - TYPE 3



## TYPICAL SILTSACK CONSTRUCTION SCALE: N.T.S





#### NOTE:

- 1. WATTLES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING ALONG EXISTING FENCE.
- 2. EACH WATTLE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4 INCHES. AFTER CONSTRUCTION, CONTRACTOR TO REMOVE WATTLES AND FILL CAVITY.
- 3. WATTLES SHALL BE SECURELY ANCHORED IN-PLACE BY TWO STAKES OR REBARS DRIVEN THROUGH THE WATTLES. THE FIRST STAKE IN EACH WATTLE SHALL BE DRIVE TOWARD THE PREVIOUSLY LAND WATTLE TO FORCE THE WATTLES TOGETHER.
- 4. THE DIKE SHALL BE INSPECTED AFTER EACH STORM, AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED. THE WATTLES SHALL BE REMOVED ONCE THEY HAVE SERVED THEIR PURPOSE SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

STRAW WATTLE DETAIL

REVISED BID SET

EROSION CONTROL DETAILS NO. 1

PROJECT NUMBER & PHASE 00000000

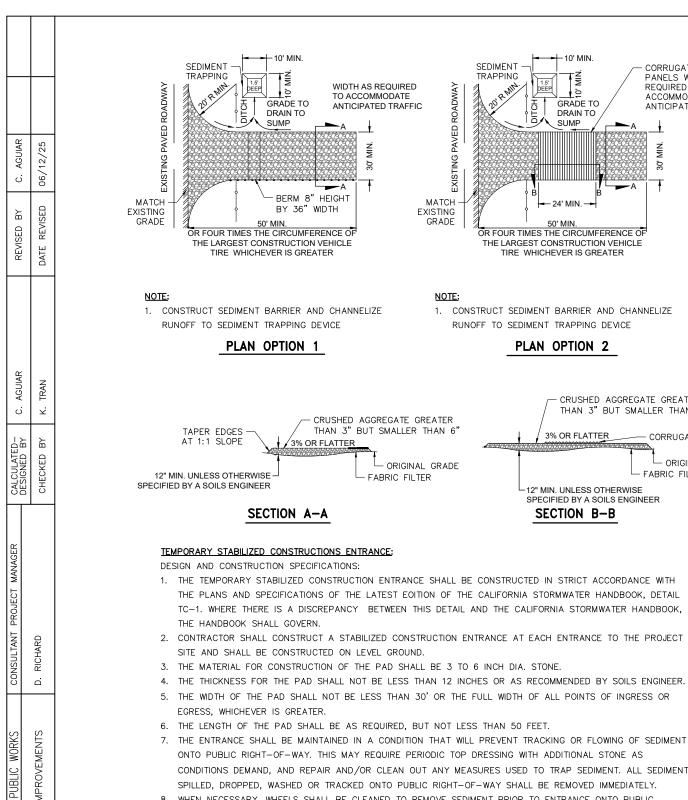
USERNAME =>caguiar DWG FILE => PRWS-G-G0.60-G0.61.dwg

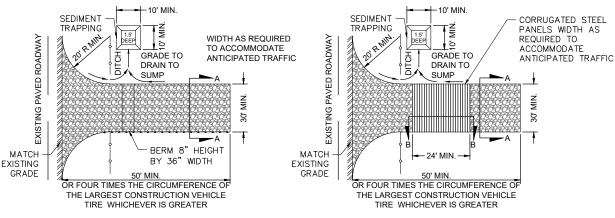
RELATIVE BORDER SCALE IS IN INCHES 1 2 3

UNIT 0000

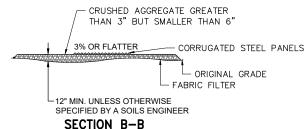
 $\frac{\text{ISION}}{2-25}$  DATE PLOTTED => Jun 12,

R SCALE 0 1



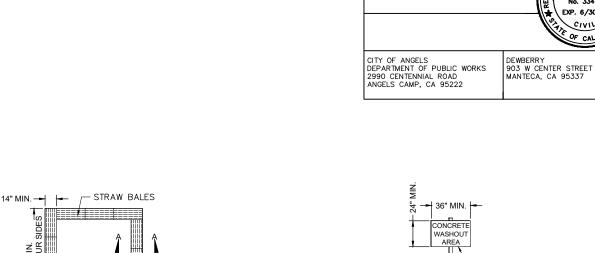


1. CONSTRUCT SEDIMENT BARRIER AND CHANNELIZE



- THE PLANS AND SPECIFICATIONS OF THE LATEST EDITION OF THE CALIFORNIA STORMWATER HANDBOOK, DETAIL TC-1. WHERE THERE IS A DISCREPANCY BETWEEN THIS DETAIL AND THE CALIFORNIA STORMWATER HANDBOOK,
- 2. CONTRACTOR SHALL CONSTRUCT A STABILIZED CONSTRUCTION ENTRANCE AT EACH ENTRANCE TO THE PROJECT
- 4. THE THICKNESS FOR THE PAD SHALL NOT BE LESS THAN 12 INCHES OR AS RECOMMENDED BY SOILS ENGINEER.
- 5. THE WIDTH OF THE PAD SHALL NOT BE LESS THAN 30' OR THE FULL WIDTH OF ALL POINTS OF INGRESS OR
- ONTO PUBLIC RIGHT-OF-WAY, THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY SHALL BE REMOVED IMMEDIATELY.
- 8. WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP, SEDIMENT BASIN, OR SEDIMENT SWALE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH, OR WATERCOURSE THROUGH USE OF GRAVEL BAGS, GRAVEL, BOARDS, OR OTHER APPROVED METHODS.
- 9. CONTRACTOR TO REMOVE AND DISPOSE OF STABILIZED CONSTRUCTION ENTRANCE UPON COMPLETION OF CONSTRUCTION.
- 10. CONSTRUCTION AND MAINTENANCE SHALL BE IN ACCORDANCE WITH THE 2003 CALIFORNIA STORMWATER BMP HANDBOOK.

#### TEMPORARY STABILIZED CONSTRUCTION ENTRANCE



THIS SECTION REMOVED FOR GRAPHICAL REPRESENTATION ONLY. STRAW BALE PERIMETER SHALL BE CONTINUOUS.

**Dewberry** 

EXP. 6/30/26

#### NOTE:

- 1. FACE SIGN TOWARD NEAREST STREET OR ACCESS POINT
- 2. CONCRETE WASHOUT SHALL BE LOCATED BEHIND THE CURB AND 50 FEET MINIMUM FROM DRAINAGE INLETS OR WATERCOURSES.
- 3. CONTRACTOR SHALL CONDUCT ALL CONCRETE WASHOUT ONSITE AS DIRECTED BY CITY.

#### CONCRETE WASHOUT DETAIL

SCALE: N.T.S

REVISED BID SET

EROSION CONTROL DETAILS NO. 2

DATE GO.61

Jun 12, 3

PLOTTED => PLOTTED =>

USERNAME =>caguiar DWG FILE => PRWS-G-G0.60-G0.61.dwg

ROAD

RELATIVE BORDER SCALE

UNIT 0000

BALE CONFIGURATION

STRAW BALES

SECTION A-A

- 60 MIL. POLYETHYLENE

(TYP.)

2"x2" STAKES OR #4

J-BARS 2 PER BALE

PROJECT NUMBER & PHASE



B

ပ

PUBLIC

DEPARTMENT

CITY

**Dewberry**\*

EXP. 6/30/26

CITY OF ANGELS DEPARTMENT OF PUBLIC WORKS 2990 CENTENNIAL ROAD ANGELS CAMP, CA 95222

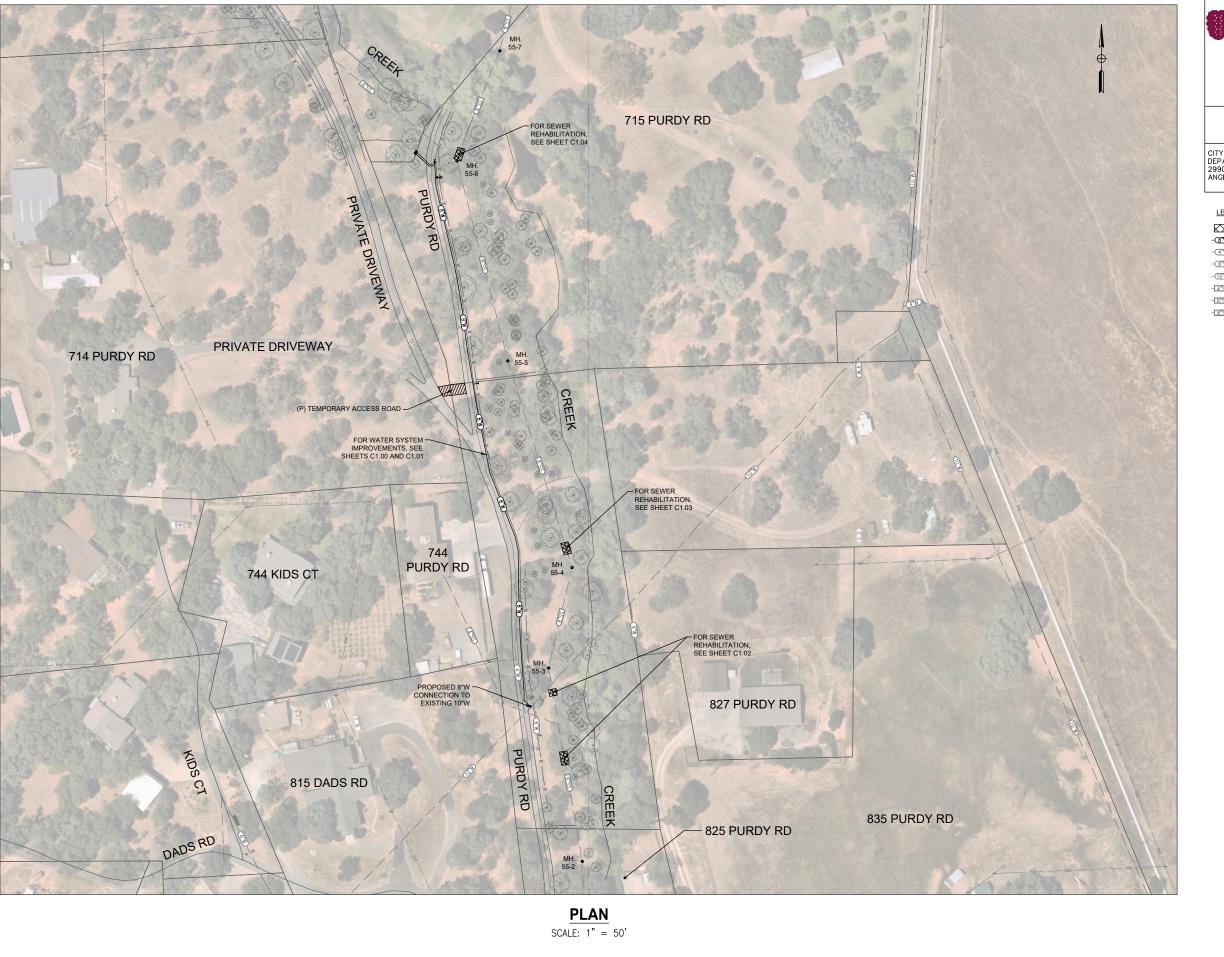
DEWBERRY 903 W CENTER STREET MANTECA, CA 95337

EXISTING 4" POTABLE WATER MAIN EXISTING 6" POTABLE WATER MAIN EXISTING 10" POTABLE WATER MAIN EXISTING 4" SANITARY SEWER EXISTING 6" SANITARY SEWER EXISTING 8" SANITARY SEWER

WATER AND SEWER MAIN EXISTING CONDITIONS

USERNAME =>caguiar DWG FILE => PRWS-C-C0.01-C0.12.dwg RELATIVE BORDER SCALE IS IN INCHES UNIT 0000 PROJECT NUMBER & PHASE 00000000

C0.01 N



**Dewberry** 



CITY OF ANGELS DEPARTMENT OF PUBLIC WORKS 2990 CENTENNIAL ROAD ANGELS CAMP, CA 95222

DEWBERRY 903 W CENTER STREET MANTECA, CA 95337

#### LEGEND:

REHABILITATION OF SANITARY SEWER -<u>(8\*W</u>)-PROPOSED 8" POTABLE WATER MAIN -(4"W)-EXISTING 4" POTABLE WATER MAIN -(6"W)-EXISTING 6" POTABLE WATER MAIN -(10"W)-EXISTING 10" POTABLE WATER MAIN -4"SS>-EXISTING 4" SANITARY SEWER -<u>6"SS</u>>-EXISTING 6" SANITARY SEWER EXISTING 8" SANITARY SEWER -[8"SS>-

REVISED BID SET

PROPOSED WATER SYSTEM IMPROVEMENTS AND SEWER REHABILITATION - OVERALL PLAN VIEW

PROJECT NUMBER & PHASE

USERNAME =>caguiar DWG FILE => PRWS-C-C0.01-C0.12.dwg

06/12/25

DATE

 $\stackrel{\sf M}{\bowtie}$ 

ပ

B

CHECKED

Ö.

OF PUBLIC WORKS

DEPARTMENT

ANGELS

CITY OF A PURDY

AND

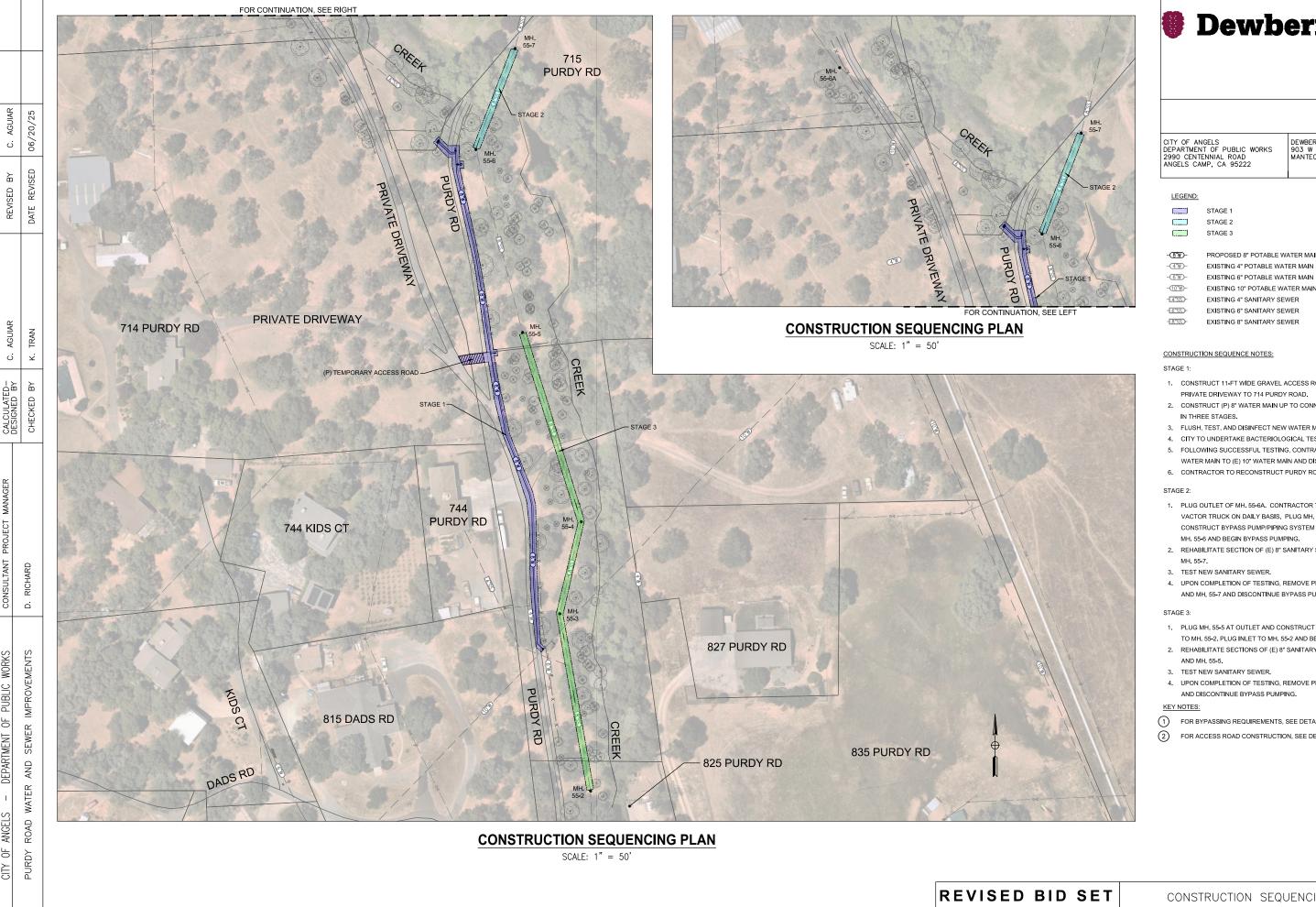
WATER

ROAD

CALCULATED— DESIGNED BY

RELATIVE BORDER SCALE IS IN INCHES

UNIT 0000



Dewberry SHEET TOTAL NO. SHEETS 10 21

CITY OF ANGELS DEPARTMENT OF PUBLIC WORKS 2990 CENTENNIAL ROAD ANGELS CAMP, CA 95222

DEWBERRY 903 W CENTER STREET MANTECA, CA 95337

STAGE 2

PROPOSED 8" POTABLE WATER MAIN EXISTING 4" POTABLE WATER MAIN

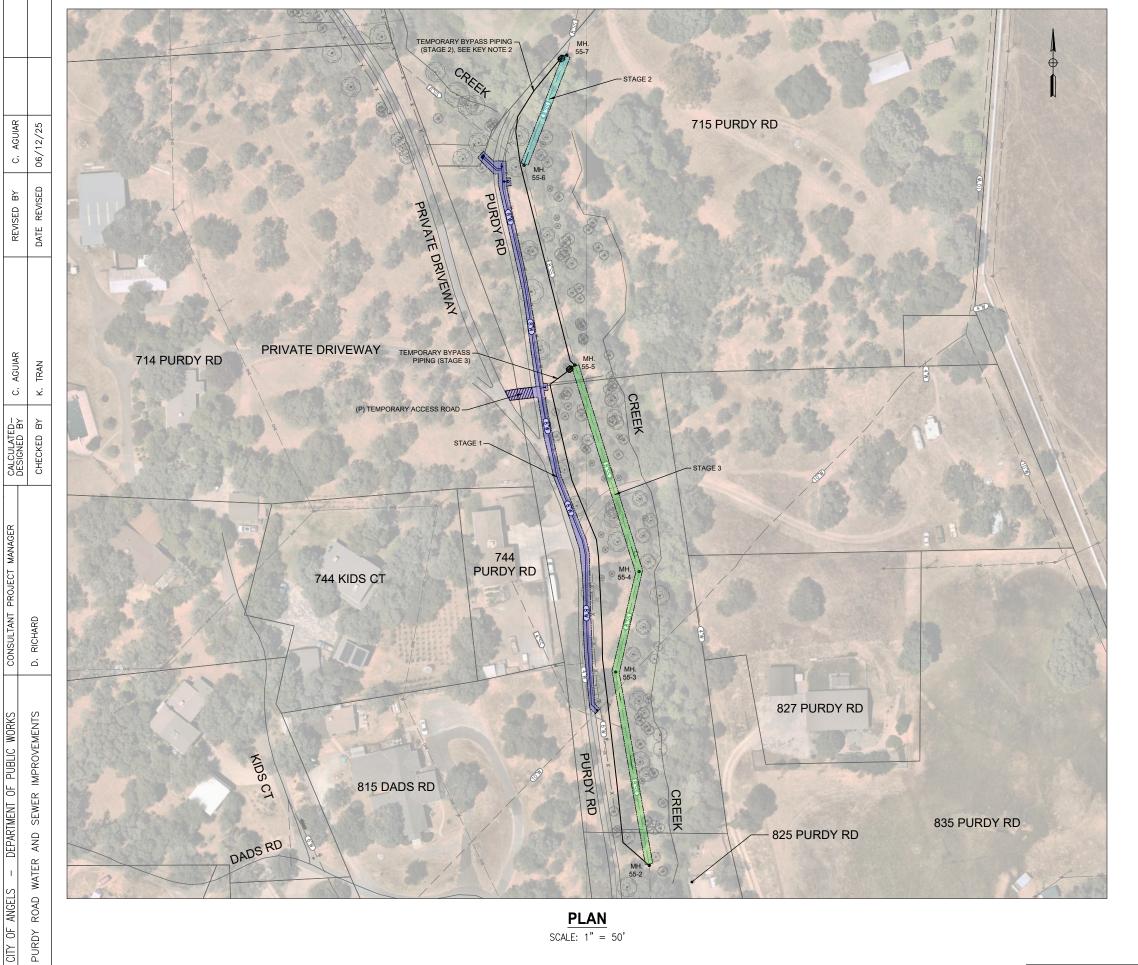
EXISTING 10" POTABLE WATER MAIN EXISTING 4" SANITARY SEWER

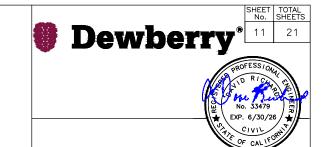
EXISTING 6" SANITARY SEWER EXISTING 8" SANITARY SEWER

#### CONSTRUCTION SEQUENCE NOTES:

- 1. CONSTRUCT 11-FT WIDE GRAVEL ACCESS ROAD FROM PURDY ROAD TO PRIVATE DRIVEWAY TO 714 PURDY ROAD.
- 2. CONSTRUCT (P) 8" WATER MAIN UP TO CONNECTION TO (E) 10" WATER MAIN IN THREE STAGES.
- 3. FLUSH, TEST, AND DISINFECT NEW WATER MAIN.
- 4. CITY TO UNDERTAKE BACTERIOLOGICAL TESTING OF NEW WATER MAIN.
- 5. FOLLOWING SUCCESSFUL TESTING, CONTRACTOR TO CONNECT (P) 8" WATER MAIN TO (E) 10" WATER MAIN AND DISINFECT AS DIRECTED BY CITY
- 6. CONTRACTOR TO RECONSTRUCT PURDY ROAD.
- 1. PLUG OUTLET OF MH. 55-6A. CONTRACTOR TO REMOVE WASTEWATER BY VACTOR TRUCK ON DAILY BASIS. PLUG MH. 55-7 AT OUTLET AND CONSTRUCT BYPASS PUMP/PIPING SYSTEM TO MH. 55-6. PLUG INLET TO MH. 55-6 AND BEGIN BYPASS PUMPING.
- 2. REHABILITATE SECTION OF (E) 8" SANITARY SEWER BETWEEN MH. 55-6 AND
- 3. TEST NEW SANITARY SEWER.
- 4. UPON COMPLETION OF TESTING, REMOVE PLUGS AT MH. 55-6A, MH. 55-6, AND MH. 55-7 AND DISCONTINUE BYPASS PUMPING.
- 1. PLUG MH. 55-5 AT OUTLET AND CONSTRUCT BYPASS PUMP/PIPING SYSTEM TO MH. 55-2. PLUG INLET TO MH. 55-2 AND BEGIN BYPASS PUMPING.
- 2. REHABILITATE SECTIONS OF (E) 8" SANITARY SEWER BETWEEN MH. 55-2
- 3. TEST NEW SANITARY SEWER.
- 4. UPON COMPLETION OF TESTING, REMOVE PLUGS AT MH. 55-2 AND MH. 55-5 AND DISCONTINUE BYPASS PUMPING.
- FOR BYPASSING REQUIREMENTS, SEE DETAIL 7, SHEET CD0.02.
- FOR ACCESS ROAD CONSTRUCTION, SEE DETAIL 8, SHEET CD0.02.

CONSTRUCTION SEQUENCING PLAN





CITY OF ANGELS DEPARTMENT OF PUBLIC WORKS 2990 CENTENNIAL ROAD ANGELS CAMP, CA 95222

DEWBERRY 903 W CENTER STREET MANTECA, CA 95337

#### LEGEND:

STAGE 1 STAGE 2 STAGE 3

-(8"W)-PROPOSED 8" POTABLE WATER MAIN -(4"W)-EXISTING 4" POTABLE WATER MAIN -(6"W)-EXISTING 6" POTABLE WATER MAIN

-(10"W)-EXISTING 10" POTABLE WATER MAIN -<u>4"SS</u>)-EXISTING 4" SANITARY SEWER -<u>6"SS</u>>-EXISTING 6" SANITARY SEWER

- 8"SS)-EXISTING 8" SANITARY SEWER

#### KEY NOTES:

- SEE DETAIL 7, SHEET CD0.02 FOR TYPICAL BYPASS PUMPING SET-UP.
- STAGE 2 BYPASS PIPING SHALL INCLUDE UTILITY BRIDGE FOR TEMPORARY CREEK CROSSING.

#### STAGING FOR SEWER REHABILITATION / SEWER BYPASS

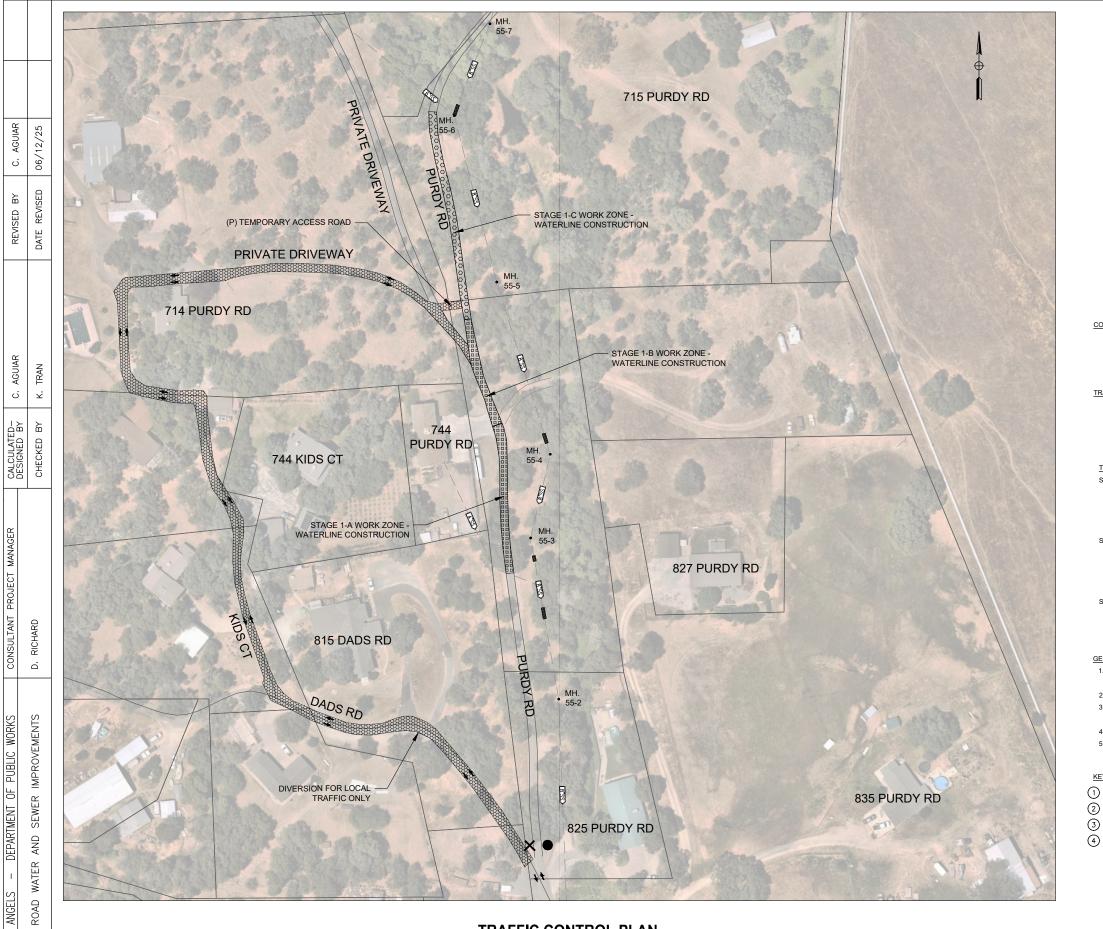
STAGE	SEWER SECTION TO BE REHABILITATED	SEWER BYPASSING REQUIREMENTS
2	8", MH. 55-7 TO MH. 55-6	MH. 55-7 TO MH. 55-5
3	8", MH. 55-5 TO MH. 55-4, MH. 55-3 TO MH. 55-2	MH. 55-5 TO MH. 55-2
	STAGE 2 3	2 8", MH. 55-7 TO MH. 55-6 8", MH. 55-5 TO MH. 55-4, MH.

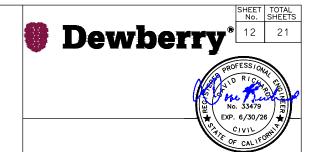
REVISED BID SET

PROPOSED SEWER BYPASSING - OVERVIEW

USERNAME =>caguiar DWG FILE => PRWS-C-C0.01-C0.12.dwg RELATIVE BORDER SCALE IS IN INCHES UNIT 0000 PROJECT NUMBER & PHASE 00000000

C0.12 S -





CITY OF ANGELS DEPARTMENT OF PUBLIC WORKS 2990 CENTENNIAL ROAD ANGELS CAMP, CA 95222 DEWBERRY 903 W CENTER STREET MANTECA, CA 95337

#### LEGEND:

- EXISTING 4" SANITARY SEWER
- EXISTING 6" SANITARY SEWER
- EXISTING 8" SANITARY SEWER
- TRAFFIC DIRECTION

#### CONSTRUCTION AREA SIGNS:

W20-1 "ROAD WORK AHEAD" STATIONARY SIGN (36X36)

X G20-2 "END ROAD WORK" STATIONARY SIGN (36X18)

#### TRAFFIC CONTROL LEGEND:

ROAD CLOSURE FOR DAY WORK (7:00AM - 4:30PM)

ROAD CLOSURE FOR NIGHT WORK (10:00PM - 4:00AM)

TRAFFIC DIVERSION ROUTE

#### TRAFFIC CONTROL STAGING NOTES:

#### STAGE 1-

- ROAD CLOSURE TO TRAFFIC DURING DAILY CONSTRUCTION. TRAFFIC DIVERTED THROUGH DADS ROAD, KIDS COURT AND PROPOSED ACCESS ROAD.
- 2. TRENCH TO BE PLATED AND TRAFFIC RESTORED AT END OF WORKING DAY.
- 3. WORK AREA SHALL BE SURROUNDED BY TRAFFIC BARRICADE.

#### STAGE 1-B:

- ROAD CLOSURE TO TRAFFIC DURING DAILY CONSTRUCTION. TRAFFIC DIVERTED THROUGH DADS ROAD AND KIDS COURT AND PROPOSED ACCESS ROAD.
- 2. TRENCH TO BE PLATED AND TRAFFIC RESTORED AT END OF WORKING DAY.
- WORK AREA SHALL BE SURROUNDED BY TRAFFIC BARRICADE.

#### STAGE 1-C:

- 1. ROAD CLOSURE TO TRAFFIC DURING NIGHT-TIME CONSTRUCTION 10:00PM 4:00AM.
- 2. TRENCH TO BE PLATED AT END OF WORKING DAY AND TRAFFIC RESTORED BY 4:00AM.
- 3. WORK AREA SHALL BE SURROUNDED BY TRAFFIC BARRICADE.

#### GENERAL NOT

- TEMPORARY TRAFFIC CONTROL SHALL CONFORM TO THE REQUIREMENTS OF THE CITY STANDARD SPECIFICATIONS AND THE CAMUTCD.
- 2. CONSTRUCTION AREA SIGNS SHOWN SHALL BE IN ADDITION TO ANY REQUIRED TEMPORARY TRAFFIC CONTROL.
- LOCATION OF CONSTRUCTION AREA SIGNS ARE APPROXIMATE, EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.
- 4. WHEN WORK IS PERFORMED THAT REQUIRES ROAD CLOSURE, PORTABLE MESSAGE SIGNS SHALL BE PROVIDED.
- FOR PORTABLE CHANGEABLE MESSAGE SIGN USE ABBREVIATIONS LISTED IN CALIFORNIA MUTCD, PAGE 96-98, CONTRACTOR SHALL COORDINATE WITH THE CITY ON MESSAGE AND DURATION OF PCMS.

#### KEY NOTES:

- CONTRACTOR SHALL CONSTRUCT WATERLINE IN PURDY ROAD IN STAGES BEGINNING WITH STAGE 1-A.
- 2 TEMPORARY PAVEMENT SHALL BE PLACED AS PART OF TRENCH RESTORATION AT THE COMPLETION OF EACH STAGE.
- 3 FINAL PAVEMENT RESTORATION SHALL BE CONSTRUCTED FOLLOWING CITY ACCEPTANCE OF WATERLINE.
- 4 ACCESS FOR EMERGENCY VEHICLES MUST BE MAINTAINED AT ALL TIMES.

TRAFFIC CONTROL PLAN

SCALE: 1" = 60'

REVISED BID SET

TRAFFIC CONTROL PLAN - OVERVIEW

RVIEW

CO.13 8

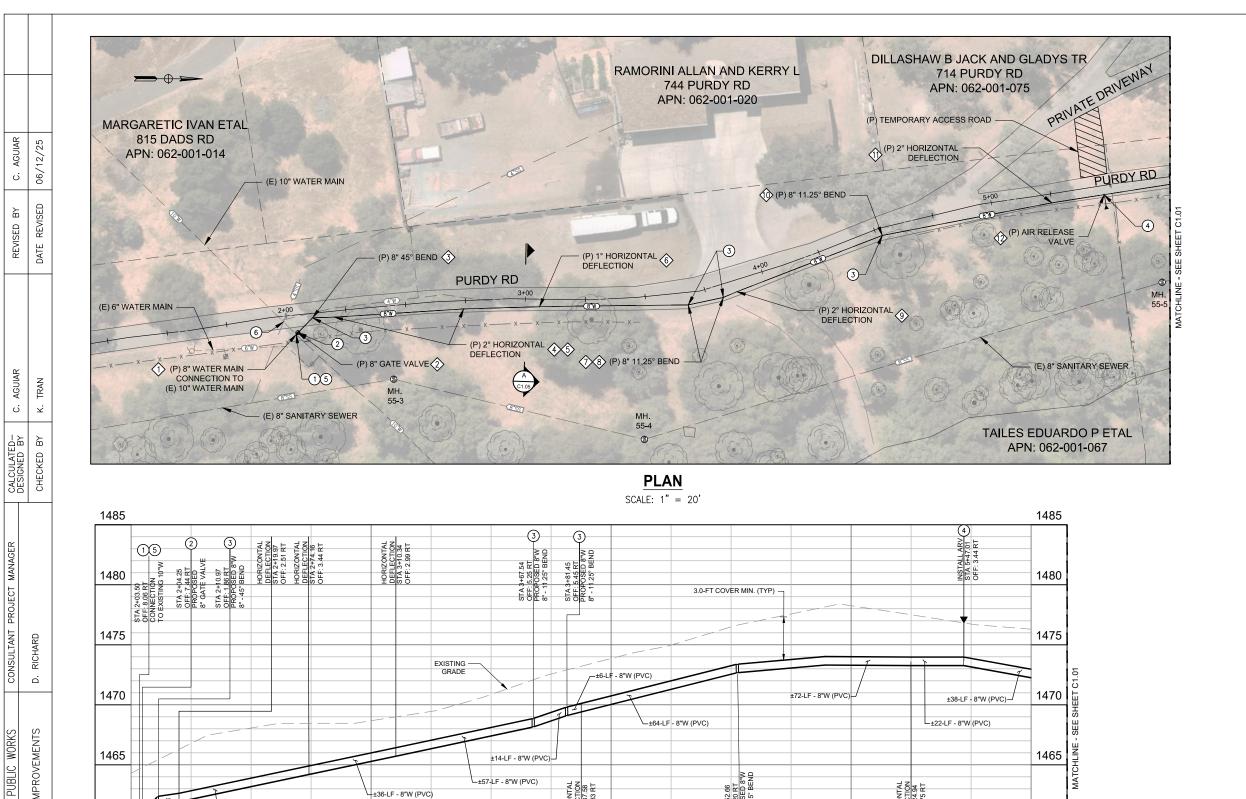
USERNAME =>caguiar DWG FILE => PRWS-C-C0.13.dwg

PURDY

RELATIVE BORDER SCALE IS IN INCHES 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE



4+00

**PROFILE** 

**Dewberry**\* EXP. 6/30/26

CITY OF ANGELS
DEPARTMENT OF PUBLIC WORKS
2990 CENTENNIAL ROAD
ANGELS CAMP, CA 95222

DEWBERRY 903 W CENTER STREET MANTECA, CA 95337

HORIZONTAL CONTROL						
POINT	NORTHING	EASTING	DESCRIPTION			
<b>(</b>	2214864.30	6549289.60	8" TO 10" CONNECTION			
2>	2214864.97	6549288.90	8" GATE VALVE			
3>	2214871.05	6549282.63	8" 45° BEND			
4>	2214880.07	6549282.31	2° HORIZONTAL DEFLECTION			
\$	2214933.94	6549278.55	2° HORIZONTAL DEFLECTION			
6>	2214969.92	6549277.29	1° HORIZONTAL DEFLECTION			
$\Diamond$	2215027.55	6549276.28	8" 11.25° BEND			
<b>®</b>	2215042.12	6549273.12	8" 11.25° BEND			
9>	2215047.78	6549270.66	2° HORIZONTAL DEFLECTION			
<	2215108.16	6549246.87	8" 11.25° BEND			
<	2215178.78	6549232.83	2° HORIZONTAL DEFLECTION			
12>	2215200.59	6549229.27	AIR RELEASE VALVE			

#### WATER KEY NOTES:

- (1) CONNECT TO (E) WATER MAIN PER DETAIL 2, SHEET CD0.01.
- 2 INSTALL 8" GATE VALVE PER CITY STANDARD DRAWING WS-1, SEE DETAIL 9, SHEET CD0.03.
- 3 INSTALL FITTING AND RESTRAINED JOINTS PER PLAN.
- INSTALL AIR RELEASE VALVE PER CITY STANDARD DRAWING WS-9. VENT PIPING SHALL HAVE POSITIVE OR FLAT SLOPE FROM ARV TO THE PIPE, SEE DETAIL 12, SHEET CD0.03. 4
- (5) FOR CONNECTION DETAIL, SEE DETAIL 2, SHEET CD0.01.
- 6 CONTRACTOR SHALL POTHOLE EXISTING 4" SANITARY SEWER LATERAL FROM 744 PURDY ROAD TO FIELD VERIFY ALIGNMENT AND INVERT ELEVATION. IF FOUND LOCATION 00 4" SANITARY SEWER WOULD CREATE LESS THAN 10-FT SEPARATION FROM PROPOSED WATERLINE, POINT OF CONNECTION TO EXISTING WATERLINE SHALL

#### LEGEND:

-(8"W)-	PROPOSED 8" POTABLE WATER MAIN
-(4"W)-	EXISTING 4" POTABLE WATER MAIN
-(6"W)-	EXISTING 6" POTABLE WATER MAIN

-(10°W)-EXISTING 10" POTABLE WATER MAIN

-[4"SS>-

EXISTING 4" SANITARY SEWER

-<u>8"SS</u>-EXISTING 8" SANITARY SEWER

C1.00 N

REVISED BID SET

PROPOSED WATERLINE IMPROVEMENTS PURDY ROAD - PLAN AND PROFILE -1

HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 4'

3+00

±36-LF - 8"W (PVC)

RELATIVE BORDER SCALE IS IN INCHES

5+00

UNIT 0000

1460

1455

5+75

PROJECT NUMBER & PHASE

00000000

2+00

1460

1455

-±54-LF - 8"W (PVC)

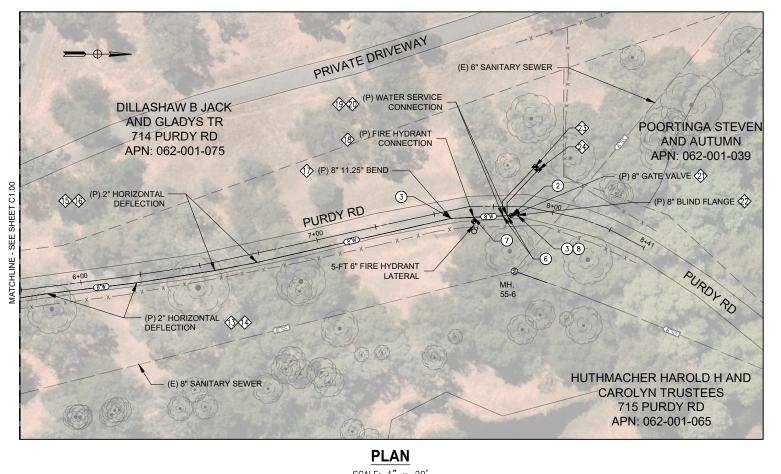
-±9-LF - 8"W (PVC)

±8-LF - 8"W (PVC)

DEPARTMENT OF

AND

PURDY



06/12/25

DATE

ن ĸ.

CALCULATED— DESIGNED BY

B

Ö

AND

PURDY

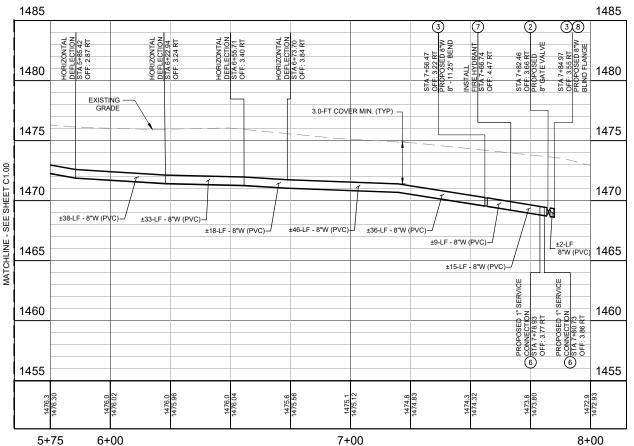
USERNAME =>caguiar

DWG FILE => PRWS-C-C1.00-C1.04.dwg

DEPARTMENT OF PUBLIC WORKS

님

SCALE: 1" = 20'



**PROFILE** 

HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 4'

REVISED BID SET

PURDY ROAD - PLAN AND PROFILE - 2

**Dewberry**\* EXP. 6/30/26

CITY OF ANGELS DEPARTMENT OF PUBLIC WORKS 2990 CENTENNIAL ROAD ANGELS CAMP, CA 95222

DEWBERRY 903 W CENTER STREET MANTECA, CA 95337

HORIZONTAL CONTROL						
POINT	NORTHING	EASTING	DESCRIPTION			
₫>	6549223.13	2215238.32	2° HORIZONTAL DEFLECTION			
13>	6549218.39	2215275.61	2° HORIZONTAL DEFLECTION			
₫\$	6549213.07	2215308.15	2° HORIZONTAL DEFLECTION			
16	6549209.56	2215325.81	2° HORIZONTAL DEFLECTION			
♦	6549190.72	2215406.40	8" 11.25° BEND			
18>	6549190.21	2215415.79	FIRE HYDRANT CONNECTION			
19>	6549189.54	2215427.98	WATER SERVICE CONNECTION			
<b>�</b>	6549189.43	2215429.78	WATER SERVICE CONNECTION			
<b>②</b>	6549189.33	2215431.53	8" GATE VALVE			
< <li>⟨₂⟩</li>	6549189.18	2215434.52	8" BLIND FLANGE			
< <li>♦</li>	6549169.03	2215441.27	WATER METER			
€\$	6549170.25	2215442.59	WATER METER			

#### WATER KEY NOTES:

INSTALL 8" GATE VALVE PER CITY STANDARD DRAWING WS-1, SEE DETAIL 9, SHEET CD0.03. 2

3 INSTALL FITTING AND RESTRAINED JOINTS PER PLAN.

6 INSTALL WATER SERVICE CONNECTION PER CITY STANDARD DRAWING WS-2, SEE DETAIL 10, SHEET CD0.03.

7 INSTALL FIRE HYDRANT ASSEMBLY PER CITY STANDARD DRAWING WS-6, SEE DETAIL 11, SHEET CD0.03.

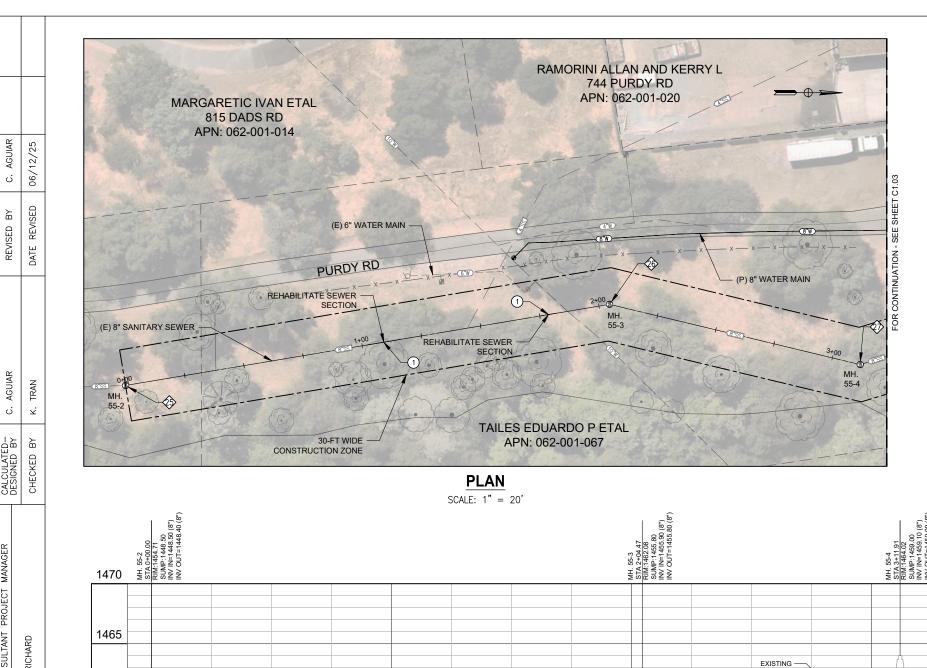
8 CAP BLIND FLANGE WITH CONCRETE SEE DETAIL 5, SHEET CD0.01.

#### LEGEND:

-(8"W)-PROPOSED 8" POTABLE WATER MAIN -[8"SS)-EXISTING 8" SANITARY SEWER EXISTING 6" SANITARY SEWER

C1.01 8 C

PROPOSED WATERLINE IMPROVEMENTS



**Dewberry**\* CITY OF ANGELS DEPARTMENT OF PUBLIC WORKS 2990 CENTENNIAL ROAD ANGELS CAMP, CA 95222 DEWBERRY 903 W CENTER STREET MANTECA, CA 95337

HORIZONTAL CONTROL							
POINT	NORTHING	EASTING	DESCRIPTION				
<b>\$</b>	2214703.53	6549343.06	SANITARY SEWER MH. 55-2				
<b>\$</b> \$	2214904.98	6549308.01	SANITARY SEWER MH. 55-3				
♦>	2215009.61	6549332.44	SANITARY SEWER MH. 55-4				

#### SEWER KEY NOTES:

REHABILITATE SEWER PER DETAIL 3 AND DETAIL 4, SHEET CD0.01.

#### LEGEND:

PROPOSED 8" POTABLE WATER MAIN -(4"W)-EXISTING 4" POTABLE WATER MAIN

-(6"W)-EXISTING 6" POTABLE WATER MAIN -(10"W)-EXISTING 10" POTABLE WATER MAIN

EXISTING 4" SANITARY SEWER -[4"SS)-

HANNER 1470 1465 1460 1460 1) REHABILITATE SEWER SECTION -1) REHABILITATE SEWER SECTION -1455 1455 (E) ±104 LF - 8"SS (AC) @ 2.89% (E) ±21 LF - 8"SS (AC) @ 3.57% (E) ±59 LF - 8"\$S (AC) @ 3.57% 1450 1450 (E) ±102 LF - 8"SS (AC) @ 3.57% - INSTALL ±14-LF - 8"SS (PVC) - INSTALL ±7-LF - 8"SS (PVC) - (E) 8" SS (AC) 1445 1445 1+00 2+00 3+25 0+00 3+00

REVISED BID SET

PROPOSED SEWER REHABILITATION, MH. 55-2 TO MH. 55-4 - PLAN AND PROFILE

HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 4'

**PROFILE** 

RELATIVE BORDER SCALE IS IN INCHES

UNIT 0000

00000000

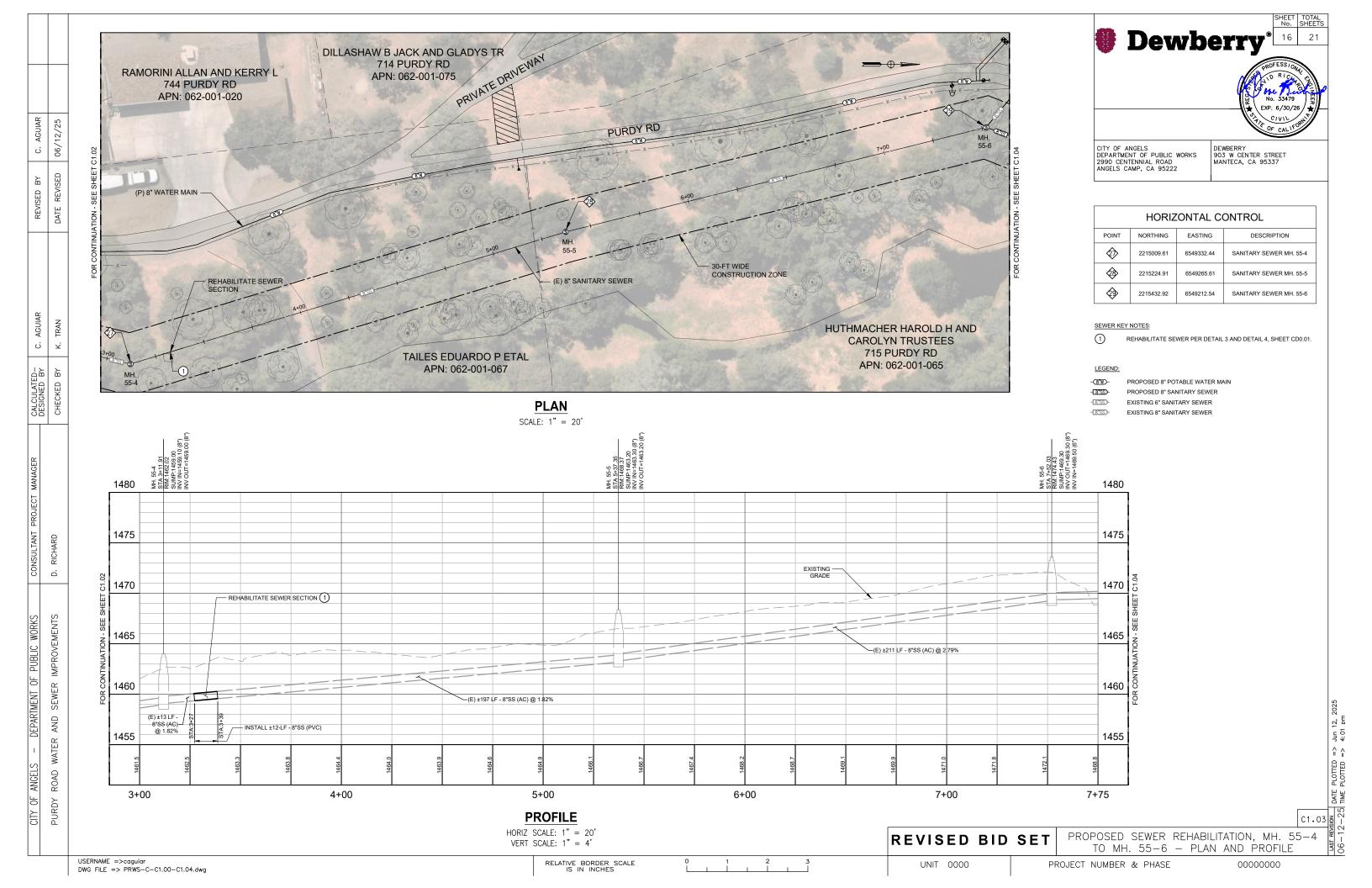
USERNAME =>caguiar DWG FILE => PRWS-C-C1.00-C1.04.dwg

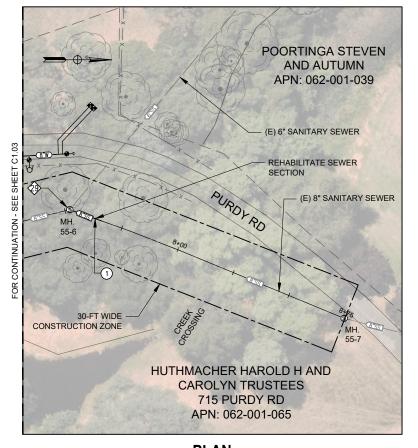
Ö.

DEPARTMENT OF PUBLIC WORKS

PURDY

PROJECT NUMBER & PHASE





06/12/25

DATE REVISED

ပ

₩

ن ĸ.

CALCULATED—DESIGNED BY

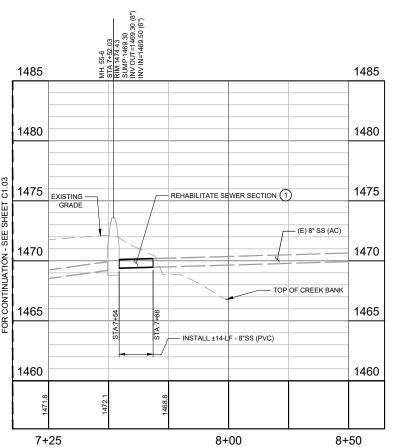
o.

AND

PURDY

DEPARTMENT OF PUBLIC WORKS

CITY OF ANGELS



PROPOSED SEWER REHABILITATION, MH. 55-6 TO MH. 55-7 - PLAN AND PROFILE

C1.04 NO.

REVISED BID SET

**Dewberry**\*

HORIZONTAL CONTROL

EASTING

6549212.54

REHABILITATE SEWER PER DETAIL 3 AND DETAIL 4, SHEET CD0.01.

DURING SEWER REHABILITATION, REMOVE AND REPLACE DOWNSTREAM PIPE SECTION WHERE ROOT INTRUSION OCCURRED. DO NOT REMOVE UPSTREAM PIPE SECTION THAT IS EXPOSED TO SURFACE.

CITY OF ANGELS DEPARTMENT OF PUBLIC WORKS 2990 CENTENNIAL ROAD ANGELS CAMP, CA 95222

NORTHING

2215432.92

PROPOSED 8" WATER MAIN

PROPOSED 8" SANITARY SEWER

EXISTING 6" SANITARY SEWER

EXISTING 8" SANITARY SEWER

POINT

**②** 

SEWER KEY NOTES:

LEGEND: -(8"W)-

-[8"SS)-

-[8"SS)-

GENERAL NOTES:

EXP. 6/30/26

DEWBERRY 903 W CENTER STREET MANTECA, CA 95337

DESCRIPTION

SANITARY SEWER MH. 55-6

00000000

**PLAN** SCALE: 1" = 20'

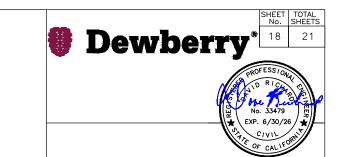
**PROFILE** HORIZ SCALE: 1" = 20'

VERT SCALE: 1" = 4' USERNAME =>caguiar DWG FILE => PRWS-C-C1.00-C1.04.dwg

RELATIVE BORDER SCALE IS IN INCHES

UNIT 0000

PROJECT NUMBER & PHASE

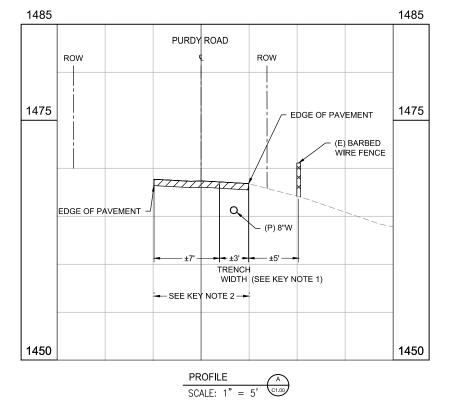


CITY OF ANGELS DEPARTMENT OF PUBLIC WORKS 2990 CENTENNIAL ROAD ANGELS CAMP, CA 95222

DEWBERRY 903 W CENTER STREET MANTECA, CA 95337

#### KEY NOTES:

- 1) FOR TRENCH SECTION, SEE DETAIL 1, SHEET CD0.01.
- FULL PAVEMENT SECTION RESTORATION IS REQUIRED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT OF PURDY ROAD, SEE DETAIL 6, SHEET CD0.01.



REVISED BID SET

PROPOSED WATERLINE IMPROVEMENTS PURDY ROAD - SECTION VIEW

USERNAME =>caguiar DWG FILE => PRWS-C-C1.05.dwg

06/12/25

DATE REVISED REVISED BY

ن <u>خ</u>

CALCULATED— DESIGNED BY CHECKED BY

Ö.

DEPARTMENT OF PUBLIC WORKS

CITY OF ANGELS

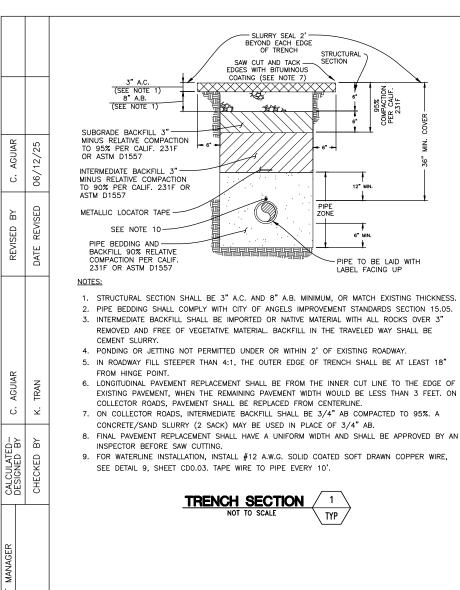
ROAD

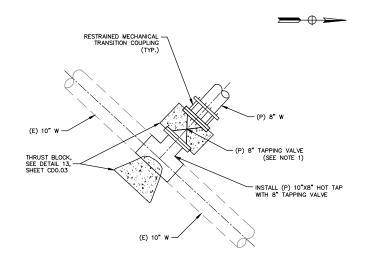
PURDY

UNIT 0000

PROJECT NUMBER & PHASE

RELATIVE BORDER SCALE IS IN INCHES





1. INSTALL 8" TAPPING VALVE AND VALVE BOX PER DETAIL 9, SHEET CD0.03.

2. CONTRACTOR SHALL POTHOLE AND EXPOSE EXISTING WATER MAIN AND VERIFY PIPE SIZE AND

MATERIAL PRIOR TO ORDERING TAPPING SLEEVE. ALL REQUIRED FITTINGS SHALL BE ONSITE

3. CONTRACTOR SHALL NOTIFY THE CITY 14 DAYS IN ADVANCE OF CONSTRUCTING CONNECTION.

## - PIPE SECTION TO BE REHABILITATED BETWEEN JOINTS CONCRETE COLLAR

# **Dewberry** EXP. 6/30/26

CITY OF ANGELS DEPARTMENT OF PUBLIC WORKS 2990 CENTENNIAL ROAD ANGELS CAMP, CA 95222

DEWBERRY 903 W CENTER STREET MANTECA, CA 95337

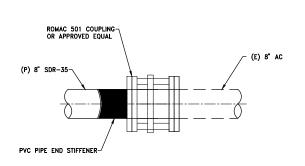
#### NOTES:

- 1. EXPOSE PIPE TO DETERMINE LOCATION OF JOINTS.
- 2. CONTRACTOR TO REHABILITATE (E) SANITARY SEWER BY REMOVING AND REPLACING DEFECTIVE PIPE SECTION FROM JOINT TO JOINT. IF EXISTING PIPE IS PVC, PROVIDE CONCRETE COLLAR AT JOINT CONNECTION. IF EXISTING PIPE IS AC, SEE DETAIL 4, THIS
- 3. WHERE ROOT INTRUSION OCCURS IN JOINT, REPLACE UPSTREAM AND DOWNSTREAM PIPE SECTIONS TO NEXT JOINTS EXCEPT WHERE PIPE IS EXPOSED TO SURFACE (ABOVE GRADE).



PRIOR TO WORK.





Ö

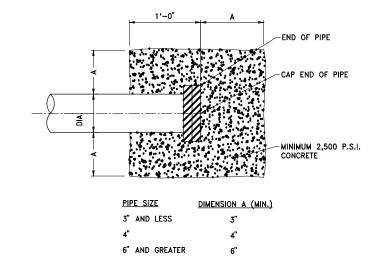
PUBLIC

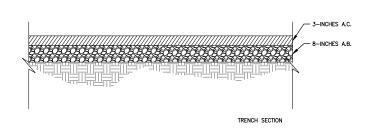
DEPARTMENT OF

AND

PURDY

USERNAME =>caguiar





#### NOTES:

1. SEE NOTE 1. DETAIL 1. THIS SHEET

8' PVC TO 8' AC CONNECTION

PIPE CAP DETAIL

**PAVEMENT RESTORATION DETAIL** 

REVISED BID SET

CONSTRUCTION DETAILS NO. 1

DWG FILE => PRWS-CD-CD0.01-CD0.03.dwg

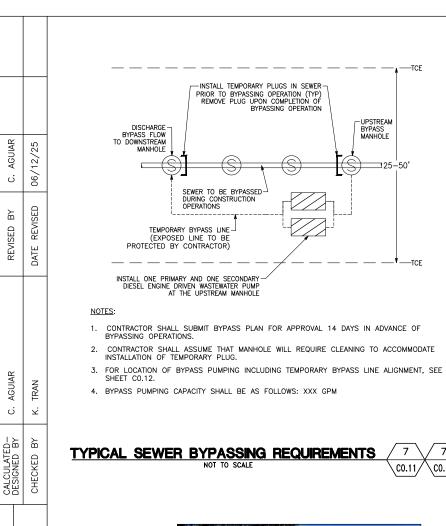
UNIT 0000

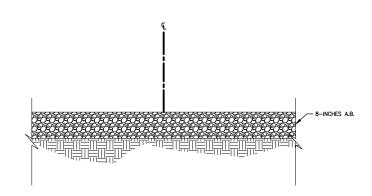
00000000

CD0.01 5

RELATIVE BORDER SCALE

PROJECT NUMBER & PHASE





#### NOTES:

- 1. GRADE EXISTING SURFACE AND CONSTRUCT 11-FT WIDE A.B. ACCESS RAMP TO CONNECT PURDY ROAD TO PRIVATE DRIVEWAY. COORDINATE LOCATION/ALIGNMENT WITH OWNER, 714 PURDY ROAD.
- 2. COMPACT AGGREGATE BASE TO 95% RC.
- FOLLOWING WATERLINE COMPLETION, REMOVE ACCESS RAMP AND RESTORE AREA TO ORIGINAL CONDITION TO SATISFACTION OF OWNER.











**EXISTING CONDITION OF PURDY ROAD** 

REVISED BID SET

CONSTRUCTION DETAILS NO. 2

**Dewberry**\*

CITY OF ANGELS DEPARTMENT OF PUBLIC WORKS 2990 CENTENNIAL ROAD ANGELS CAMP, CA 95222

EXP. 6/30/26

DEWBERRY 903 W CENTER STREET MANTECA, CA 95337

CD0.02 N

USERNAME =>caguiar DWG FILE => PRWS-CD-CD0.01-CD0.03.dwg

Ö

AND

PURDY

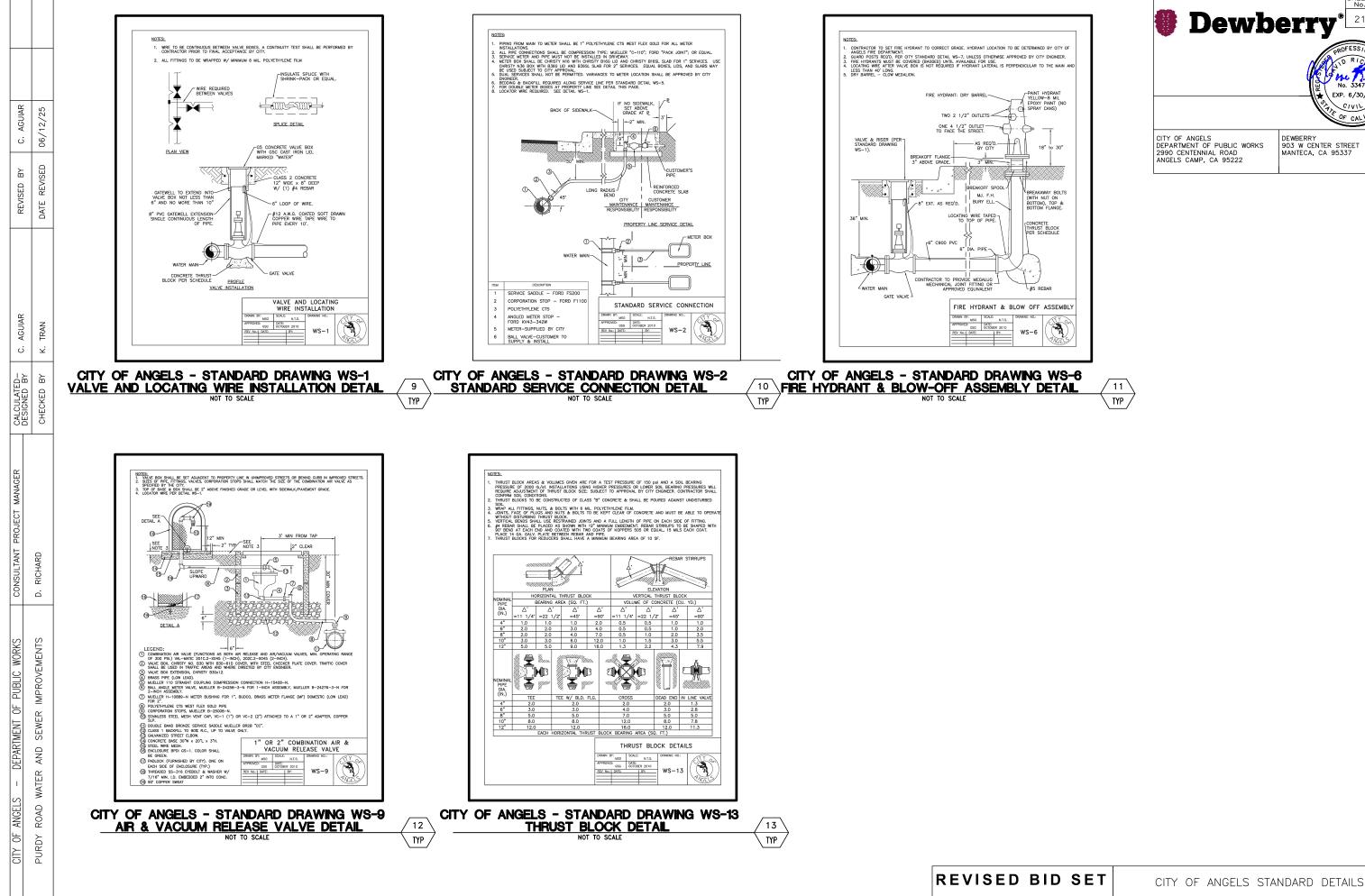
DEPARTMENT OF PUBLIC WORKS

P

RELATIVE BORDER SCALE IS IN INCHES

UNIT 0000

PROJECT NUMBER & PHASE



CD0.03 N

21 21

EXP. 6/30/26

USERNAME =>caguiar DWG FILE => PRWS-CD-CD0.01-CD0.03.dwg

RELATIVE BORDER SCALE

UNIT 0000

PROJECT NUMBER & PHASE