

L:\Clients\746 County of Yolo\14-16-01 North Davis Meadows\CAD\Production\74614-1601-G01-G02.dwg 7/27/2017 1:03 PM jriedel

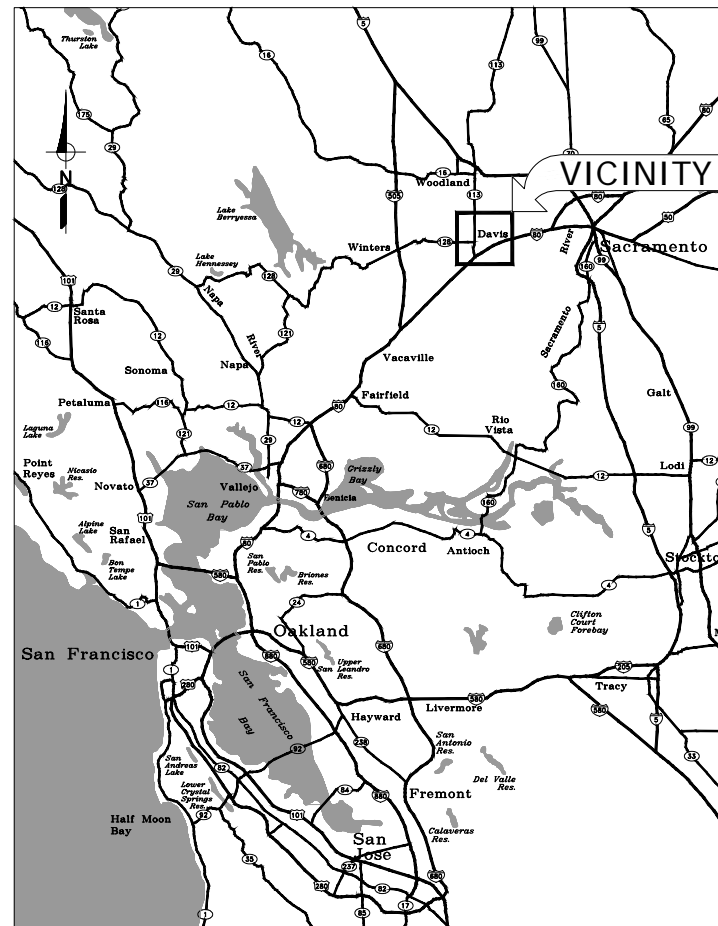
# LEGEND

PROPOSED	EXISTING	
		STORM DRAIN
		SANITARY SEWER AND MANHOLE
		FIRE HYDRANT AND VALVE ASSEMBLY
		WATER MAIN, VALVE, WATER METER, AIR RELEASE VALVE & BLOWOFF VALVE
		WATER SAMPLING STATION
		IRRIGATION PIPELINE
		JOINT UTILITY TRENCH
		SANITARY SEWER FORCE MAIN
		GAS MAIN
		ELECTRICAL LINE
		ELECTRICAL LINE - OVERHEAD
		TELEPHONE LINE
		CABLE TELEVISION
		PG&E TRANSFORMER LOCATION
		STREET LIGHT CONDUIT, WIRING & PULL BOX
		STREET LIGHT AND POLE
		UTILITY POLE WITH DOWN GUY & ANCHOR
		POWER POLE, TELEPHONE POLE, JOINT POLE
		FENCE
		FLOWLINE OF DITCH OR SWALE
		DIRECTION OF SURFACE DRAINAGE FLOW
		CUT OR FILL SLOPE
		RIGHT OF WAY OR PROPERTY LINE
		STREET CENTERLINE OR BASELINE
		SURVEY MONUMENT
		SIGN
		TREE
		TREE TO BE REMOVED
		EXISTING GROUND SURFACE ELEVATION
		DRAINAGE DITCH
		DETAIL NO. / SHEET NO.

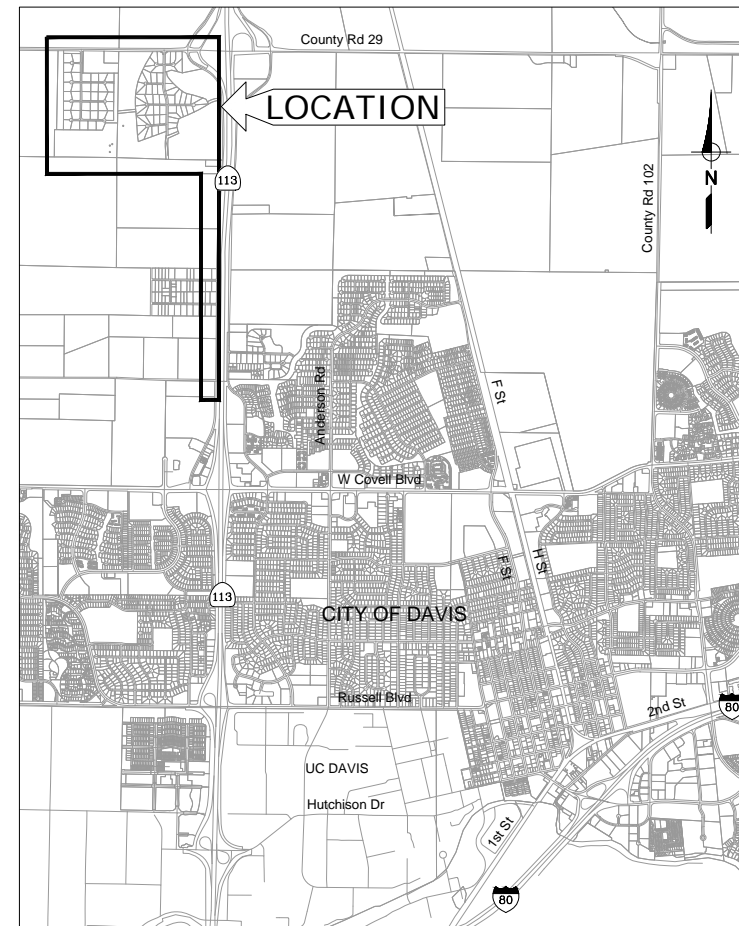
# IMPROVEMENT PLANS FOR NORTH DAVIS MEADOWS WATER SYSTEM CONSOLIDATION PROJECT

NORTH DAVIS MEADOWS COUNTY SERVICE AREA

YOLO COUNTY, CALIFORNIA



VICINITY MAP  
NOT TO SCALE



LOCATION MAP  
NOT TO SCALE

## SHEET INDEX

SHEET NO.	DWG NO.	SHEET TITLE
GENERAL		
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4	G04	SURVEY CONTROL PLAN
DETAILS		
5	D01	TYPICAL SECTIONS AND STANDARDS 1
6	D02	TYPICAL SECTIONS AND STANDARDS 2
7	D03	CITY STANDARD DETAILS
8	D04	DETAILS
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16	C08	LUPINE COURT PLAN AND PROFILE
17	C09	MORNING DOVE PL PLAN AND PROFILE
18	C10	PRIMROSE PL PLAN AND PROFILE
19	C11	FAIRWAY DR PLAN AND PROFILE 1
20	C12	FAIRWAY DR PLAN AND PROFILE 2
21	C13	FAIRWAY DR PLAN AND PROFILE 3
22	C14	GOLF COURSE FAIRWAY NORTH PLAN AND PROFILE
23	C15	GOLF COURSE FAIRWAY SOUTH A PLAN AND PROFILE 1
24	C16	GOLF COURSE FAIRWAY SOUTH A PLAN AND PROFILE 2
25	C17	GOLF COURSE FAIRWAY SOUTH A PLAN AND PROFILE 3
26	C18	GOLF COURSE FAIRWAY SOUTH B PLAN AND PROFILE 1
27	C19	GOLF COURSE FAIRWAY SOUTH B PLAN AND PROFILE 2
28	C20	COUNTY ROAD 99D PLAN AND PROFILE 1
29	C21	COUNTY ROAD 99D PLAN AND PROFILE 2
30	C22	COUNTY ROAD 99D PLAN AND PROFILE 3
31	C23	COUNTY ROAD 99D PLAN AND PROFILE 4
32	C24	COUNTY ROAD 99D PLAN AND PROFILE 5
33	C25	COUNTY ROAD 99D PLAN AND PROFILE 6

PRELIMINARY / 90% SUBMITTAL

AGENCY/UTILITY CONTACTS			
UTILITY		REPRESENTATIVE	
GAS	PG&E	BRENT DRAWVER	(661)637-9807
ELECTRICITY	PG&E	BRENT DRAWVER	(661)637-9807
PHONE	AT&T	CHARLENE SASAMOTO	(707)258-5308
CABLE	COMCAST	MARK DUBY	(916)830-6743
WATER/SEWER	CITY OF DAVIS	STAN GRYZCKO	--

CITY OF DAVIS  
APPROVED FOR EXTENSION OF CITY OF DAVIS WATER SYSTEM

\_\_\_\_\_  
TITLE  
DATE APPROVED \_\_\_\_\_

YOLO COUNTY  
PLANNING AND PUBLIC WORKS

Reviewed for conformance with the Yolo County Improvement Standards. The undersigned shall not be liable for errors and omissions on the plans.

\_\_\_\_\_  
COUNTY ENGINEER  
P.E. \_\_\_\_\_ REGISTRATION EXPIRES \_\_\_\_\_

DESIGN ENGINEER  
BY ASA J. UTTERBACK  
ENGINEER'S NAME  
DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017

**WEST YOST ASSOCIATES**

2020 Research Park Drive  
Suite 100  
Davis, California 95618  
(530) 756-5905  
FAX (530) 756-5991

IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT

TITLE SHEET

SCALE  
AS SHOWN

DWG NO  
**G01**

DATE: \_\_\_\_\_

SHEET NO  
1 of 33

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**ABBREVIATIONS**

AB	AGGREGATE BASE	LF	LINEAL FEET
AC	ASPHALT CONCRETE	MFR	MANUFACTURE
AFF	ABOVE FINISH FLOOR	MAX	MAXIMUM
AL, ALUM	ALUMINUM	MIN	MINIMUM
APPROX	APPROXIMATE	MH	MANHOLE
ARV	AIR RELIEF VALVE	MJ	MECHANICAL JOINT
ASPH	ASPHALT	MON	MONUMENT, MONITORING
BC	BEGIN CURVE	MOV	MOTOR OPERATED VALVE
BF	BLIND FLANGE	N	NEW, NORTH
BOV	BLOW-OFF VALVE	NC	NOT IN CONTRACT
BV, BVF	BUTTERFLY VALVE	No., #	NUMBER
BVC	BEGIN VERTICAL CURVE	NTS	NOT TO SCALE
CAV	COMBINATION AIR/VACUUM VALVE	OC	ON CENTER
CL, CL	CENTER LINE	OD	OUTSIDE DIAMETER
CLR	CLEAR	OF	OVERFLOW
CLSM	CONTROL LOW STRENGTH MATERIAL	OH	OVERHEAD
CO	CLEAN OUT	PL, PL	PLATE, PROPERTY LINE
CONC	CONCRETE	PSV	PRESSURE RELIEF VALVE
CMU	CONCRETE MASONRY UNIT	PRC	POINT OF REVERSE CURVE
CV	CHECK VALVE	PRV	PRESSURE REDUCING VALVE
CI	CUBIC YARDS	PSF	POUNDS PER SQUARE FOOT
DY	DRAIN INLET	PSI	POUNDS PER SQUARE INCH
DIA, Ø	DIAMETER	PG	PRESSURE GAUGE
DIP	DUCTILE IRON PIPE	PUE	PUBLIC UTILITY EASEMENT
DWG	DRAWING	PV	PLUG VALVE
EA	EACH	PVC	POLYVINYL CHLORIDE PIPE
EC	END HORIZONTAL CURVE	PVM/T	PAVEMENT
EF	EACH FACE	R	RADIUS
EL	ELEVATION	RCP	REINFORCED CONC PIPE
ELEC	ELECTRIC	REQ'D	REQUIRED
EP	EDGE OF PAVEMENT	REV	REVISION
EQUIP	EQUIPMENT	RJ	RESTRAINED JOINT
EVC	END VERTICAL CURVE	RR	RAILROAD
EW	EACH WAY	R/W	RIGHT OF WAY
EX, (E)	EXISTING	S	SEWER, SOUTH, SLOPE
EXP	EXPANSION	SCH	SCHEDULE
FF	FINISHED FLOOR	SDMH	STORM DRAIN MANHOLE
FH	FIRE HYDRANT	SPD	SUMP PUMP DISCHARGE
FCA	FLANGED COUPLING ADAPTER	SQ	SQUARE
FCO	FLOOR CLEANOUT	SS	SANITARY SEWER
FD	FLOOR DRAIN	SSB	STAINLESS STEEL BOLT
FL, FL	FLOW LINE	SSMH	SANITARY SEWER MANHOLE
FLG	FLANGE	SST	STAINLESS STEEL
FO	FIBER OPTIC	STA	STATION
FRP	FIBERGLASS REINFORCED PLASTIC	ST	STREET
FOC	FACE OF CURB	STD	STANDARD
FT, '	FEET, FOOT	STL	STEEL
GA	GAUGE	SVC	SERVICE
GALV	GALVANIZED	SW	SIDEWALK
GB	GRADE BREAK	T	TELEPHONE
GS	GROUND SURFACE	T&B	TOP & BOTTOM
GSP	GROUND SURFACE PROFILE	TOC	TOP OF CONCRETE
GV	GATE VALVE	TOS	TOP OF STEEL OR TOP OF STRUCTURAL FRAME
HC	HANDICAPPED	TYP	TYPICAL
HMA	HOT MIX ASPHALT	UG	UNDERGROUND
HP	HIGH POINT IN PVMT, HIGH PRESSURE	UPRR	UNION PACIFIC RAILROAD
HPI	HORIZONTAL POINT OF INFLECTION	VAR	VARIOUS
IE	HORIZONTAL INVERT ELEVATION	VPI	VERTICAL POINT OF INTERSECTION
IN, "	INCH	VTR	VENT THROUGH ROOF
INV	INVERT	W	WEST
IRR	IRRIGATION	W/O	WITH OUT
LAT	LATERAL	WS	WATER SURFACE
		WWF	WELDED WIRE FABRIC
		WV	WATER VALVE
		WW	WELL WATER

**WATER GENERAL NOTES**

- WHERE VALVE INSTALLATION IS SHOWN ADJACENT TO A TEE, BEND OR CROSS, ATTACH THE VALVE(S) TO THE FITTING PER CITY STANDARDS.
- POSITIONS OF EXISTING WATER MAIN ARE SHOWN BASED ON CITY SYSTEM MAPPING AND AVAILABLE VALVE LOCATIONS. FIELD VERIFY LOCATIONS BEFORE BEGINNING WORK.
- PRIOR TO BEGINNING ANY WORK INVOLVING WATER SYSTEM SHUTDOWN, PREPARE AND SUBMIT WATER SYSTEM SHUTDOWN PLAN SCHEDULING ALL WORK SHOWN ON THESE WATER SYSTEM PLANS TO LIMIT THE NUMBER AND DURATION OF ALL PLANNED SHUTDOWNS OF THE WATER SERVICE TO EXISTING CONNECTED USES IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- WHERE WATER LINE CROSSES UNDERNEATH STORM OR SANITARY SEWER, INSTALL FULL 20 LF STICK OF DUCTILE IRON PIPE CENTERED ON SEWER OR STORM PIPE ALIGNMENT.
- THE ENGINEER HAS PERFORMED A NON-DESTRUCTIVE, VISUAL REVIEW OF THE WATER PIPING THAT IS VISIBLE ABOVE-GROUND WHERE IT ENTERS THE HOUSES AND DESIGNED THE HOUSE CONNECTION POINTS BASED ON APPARENT USES AND INTERVIEWS WITH THE HOMEOWNERS. CONTRACTOR SHALL MAKE POSITIVE VERIFICATION ON SITE THAT THE PIPES TO WHICH THIS PROJECT IS CONNECTING SERVE ALL OF THE DOMESTIC POTABLE WATER USES FOR EACH HOME SITE. DUE TO LACK OF EXISTING SHUT-OFF VALVES THIS MAY REQUIRE TEMPORARY DISCONNECTIONS AND CONSTRUCTIVE EFFORT.
- CONTRACTOR SHALL PERFORM AN INDEPENDENT VERIFICATION FOR EACH HOME SITE THAT THE NEWLY INSTALLED POTABLE WATER SYSTEM IS NOT CROSS-CONNECTED TO THE EXISTING WATER SYSTEM, WHICH IS LEFT IN OPERATION FOR LANDSCAPE IRRIGATION AND IN SOME CASES FOR FIRE SUPPRESSION SPRINKLER SYSTEMS WITHIN THE HOMES. CONTRACTOR SHALL PROVIDE A REPORT OF THE VERIFICATION FOR EACH HOME SITE PREPARED AND SIGNED BY A CROSS CONNECTION SPECIALIST.
- WATER METER AND BACKFLOW PREVENTER LOCATIONS MAY BE ADJUSTED AS NECESSARY TO LOCATE THEM WITHIN EXISTING LANDSCAPE PLANTERS AREAS AND MINIMIZE IMPACTS TO LANDSCAPE FEATURES AND SHRUBBERY PROVIDING THAT NEW WATER SERVICES ARE 5 FEET AWAY FROM EXISTING WATER SERVICES AND EXISTING SEWER LATERALS.

**CONSTRUCTION NOTES:**

- INSTALL WATER PIPE (DIAMETER)
- INSTALL GATE VALVE (SIZE)
- INSTALL HORIZONTAL BEND (SIZE/ANGLE)
- INSTALL VERTICAL BEND (SIZE/ANGLE)
- INSTALL TEE (SIZE)
- INSTALL CROSS (SIZE)
- INSTALL REDUCER (SIZE/SIZE)
- INSTALL 2-INCH BLOW-OFF ASSEMBLY PER DETAIL 3/SHT 7
- INSTALL WATER SERVICE LATERAL (SIZE)
- INSTALL 3/4"-INCH METER WITH VALVES AND BOX PER DETAIL 2/SHT 7
- INSTALL BACKFLOW PREVENTION ASSEMBLY WITH INSULATION AND PROTECTIVE COVER PER CITY OF DAVIS STD DETAIL 101-11 (SIZE)
- LOCATE EXISTING SERVICE VALVE AND RESET BOX TO GRADE
- INSTALL PRIVATE SERVICE LATERAL PIPE TO HOUSE AND CONNECT TO EXISTING PLUMBING AT ENTRY TO HOUSE PER DETAIL 1/SHT 5
- REMOVE BLOW-OFF ASSEMBLY AND CONNECT TO EXISTING 14-INCH WATER UNDER CONTINUOUS INSPECTION
- INSTALL 6-INCH RJ DUCTILE IRON WATER PIPE W/CEMENT-SLURRY ENCASEMENT PER SECTION A/SHT 6 (STA TO STA)
- INSTALL 4-INCH PIPE IN 8-INCH SLEEVE BY TRENCHLESS CONSTRUCTION METHOD (STA TO STA)
- INSTALL WATER SAMPLING STATION COMPLETE WITH 1-INCH SERVICE PER CITY OF DAVIS STANDARD DETAIL 101-10
- INSTALL COMBINATION AIR/VACUUM VALVE ASSEMBLY COMPLETE WITH 1-INCH SERVICE PER COUNTY OF YOLO STANDARD DETAIL 8-14

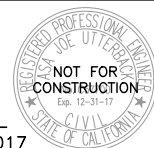
**GENERAL NOTES**

- THESE WATER SYSTEM IMPROVEMENTS WILL BE INSTALLED AND OPERATED IN PARALLEL TO THE EXISTING WATER SYSTEM WITHOUT ANY CROSS-CONNECTION. EXISTING WATER SYSTEM TO REMAIN IN USE BY COUNTY TO SERVE FIRE HYDRANTS AND LANDSCAPE IRRIGATION ONLY. THESE DOMESTIC POTABLE WATER SYSTEM IMPROVEMENTS WILL BE OWNED AND OPERATED BY THE CITY OF DAVIS.
- ALL WATER SYSTEM IMPROVEMENTS SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF DAVIS STANDARD DETAILS AND SPECIFICATIONS MOST RECENT EDITION. ALL OTHER CONSTRUCTION AND MATERIALS SHALL CONFORM TO COUNTY OF YOLO STANDARDS.
- THE CONTRACTOR SHALL NOT BEGIN ANY WORK SHOWN ON THESE PLANS UNTIL THE SIGNATURE OF APPROVAL OF THE COUNTY ENGINEER IS AFFIXED AND HEREON AND ALL APPLICABLE PERMITS HAVE BEEN OBTAINED.
- CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) 800-227-2600 AT LEAST TWO WORKING DAYS PRIOR TO ANY EXCAVATION.
- EXISTING UTILITIES ARE PLOTTED FROM AVAILABLE RECORDS. CONTRACTOR SHALL LOCATE AND PRESERVE ALL FACILITIES INCLUDING SEWER, GAS, IRRIGATION, POWER, STREET LIGHTS, TELEPHONE AND OTHERS WHICH MAY BE IN AREA OF CONSTRUCTION. CONTRACTOR SHALL EXPOSE AND VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION OF THE NEW IMPROVEMENTS OR CONNECTING TO OR IN THE VICINITY OF THE SAME.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD SURVEYING AND ESTABLISHING GRADE STAKING. STAKING SHALL BE DONE BY A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR COMPLYING WITH THE STATE REQUIREMENTS.
- NO PAVEMENT WORK WILL OCCUR WITHIN THE ROAD RIGHT-OF-WAY PRIOR TO COMPLETION OF ANY NECESSARY UTILITY UNDERGROUND WORK WITHIN THAT RIGHT-OF-WAY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS AND/OR OTHER SURVEY MARKERS DURING CONSTRUCTION. ALL MONUMENTS OR MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED BY A LICENSED CALIFORNIA LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- IT IS INTENDED THAT THESE PLANS REQUIRE ALL LABOR AND MATERIALS NECESSARY FOR COMPLETION OF WORK IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES OR AMBIGUITIES WHICH MAY EXIST IN PLANS OR SPECIFICATIONS. ENGINEER'S INTERPRETATION OR CORRECTION THEREOF SHALL BE FINAL AND CONCLUSIVE. WHERE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAILS, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE SHALL PREVAIL AND ONLY MATERIALS AND WORKMANSHIP OF FIRST QUALITY SHALL BE USED.
- MATERIALS SUBMITTALS FOR MATERIAL INCORPORATED INTO THE WORK INCLUDING, BUT NOT LIMITED TO AGGREGATE BASE, ASPHALT CONCRETE, AND CONCRETE MATERIALS SHALL BE SUBMITTED TO THE COUNTY AT LEAST TWO WEEKS PRIOR TO DELIVERY OF MATERIALS TO THE SITE.
- TESTING IS REQUIRED FOR TRENCH BACKFILL, GRADE COMPACTION, CONCRETE SLUMP AND CONCRETE STRENGTH. TESTING SHALL BE PROVIDED BY INDEPENDENT LABORATORY APPROVED BY THE COUNTY AND HIRED BY THE CONTRACTOR. ALL TESTING SHALL BE PAID BY CONTRACTOR. THE QUANTITY OF RE-TESTING SHALL BE AS REQUIRED BY THE COUNTY. ALL TEST RESULTS SHALL BE SUBMITTED TO THE COUNTY WITHIN THREE (3) WORKING DAYS.
- CONTRACTORS SHALL BE RESPONSIBLE FOR COORDINATING THEIR OPERATIONS WITH ALL REQUIRED MATERIALS TESTING SERVICES AS REQUIRED BY THE YOLO COUNTY IMPROVEMENT STANDARDS AND THE COUNTY INSPECTOR. EACH PHASE OF CONSTRUCTION SHALL BE TESTED AND APPROVED BY THE COUNTY INSPECTOR PRIOR TO PROCEEDING TO SUBSEQUENT PHASES.
- CONTRACTOR SHALL, AT ALL TIMES, KEEP WORK AREA IN A NEAT AND SAFE CONDITION. UPON COMPLETION OF ANY PORTION OF WORK, CONTRACTOR SHALL PROMPTLY REMOVE ALL ITS EQUIPMENT AND SURPLUS MATERIALS, UNLESS NOTED OTHERWISE. CONTRACTOR SHALL, AT HIS/HER OWN EXPENSE, DISPOSE OF ALL RUBBISH, UNUSED MATERIALS AND OTHER EQUIPMENT BELONGING TO OR USED IN PERFORMANCE OF WORK, TO THE SATISFACTION OF THE ENGINEER. AFTER COMPLETION OF THE PROJECT, CONTRACTOR SHALL LEAVE THE PROJECT SITE IN EQUAL OR BETTER CONDITION THAN WHEN CONSTRUCTION BEGAN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF REMOVAL OR RELOCATION OF ALL EXISTING UTILITIES WITH RESPECTIVE UTILITY COMPANIES, WITH NO ADDITIONAL COST TO THE COUNTY.
- CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITION AND THE PROTECTION OF PUBLIC AND PRIVATE PROPERTY ADJACENT TO THE WORK SITE DURING THE CONSTRUCTION OF THE PROJECT.
- ALL CONSTRUCTION AND MATERIAL DELIVERY ROUTES SHALL BE MONITORED DURING THE PROJECT FOR ANY DAMAGE AND DEBRIS ATTRIBUTED TO THE PROJECT VEHICLES. ALL DAMAGE AND DEBRIS AS A RESULT OF THE PROJECT SHALL BE REPAIRED AND CLEANED PER COUNTY STANDARDS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL CURRENTLY APPLICABLE SAFETY LAWS OF ANY JURISDICTIONAL BODY. CONTRACTOR IS DIRECTED TO CONTACT STATE OF CALIFORNIA, INDUSTRIAL RELATION DEPARTMENT (209) 948-7763. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL BARRICADES, SAFETY DEVICES AND CONTROL OF TRAFFIC WITHIN CONSTRUCTION AREAS AS NECESSARY. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR COMPLIANCE WITH ADDITIONAL PUBLIC SAFETY REQUIREMENTS WHICH MAY ARISE DURING CONSTRUCTION.
- CONTRACTOR SHALL NOT DETOUR ANY TRAFFIC IN ANY MANNER. SINGLE LANE CLOSURE WILL BE ALLOWED WITH FLAGGED TRAFFIC. ANY PROPOSAL FOR CLOSURE OF A TRAFFIC LANE ON A COUNTY STREET SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL IN WRITING. ACCESS TO NEIGHBORING PROPERTIES SHALL BE PROVIDED AT ALL TIMES.
- PROPER TRAFFIC CONTROL SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION IN ACCORDANCE WITH COUNTY'S ADOPTED TRAFFIC MANUAL. CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS TO THE COUNTY FOR REVIEW AT PRE-CONSTRUCTION MEETING AND OBTAIN ACCEPTANCE BEFORE STARTING ANY WORK. SAFE VEHICULAR, BICYCLE, AND PEDESTRIAN ACCESS SHALL BE PROVIDED AT ALL TIMES.
- THE CONTRACTOR SHALL MAINTAIN CONTINUOUS TEMPORARY TRAFFIC BARRICADES, WITH OPERABLE FLASHING DEVICES, SPACED AT INTERVALS OF NOT TO EXCEED 50 FEET WHENEVER THE WORK AREA IS ADJACENT TO AN EXISTING TRAFFIC LANE AND THERE IS A PAVEMENT CUT, TRENCH, OR DITCH WHICH IS OVER 2 INCHES IN DEPTH, OR IF THE TRAFFIC LANE USED BY VEHICLES IS NOT PAVED. IF THE CUT, TRENCH, OR DITCH IS MORE THAN 10 FEET FROM TRAFFIC LANE, THEN THE BARRICADE SPACING MAY BE GREATER, PROVIDED THAT IT DOES NOT EXCEED 200 FEET.
- PRIOR TO EXCAVATION OF TRENCHES 5 FEET OR DEEPER, THE CONTRACTOR SHALL SUBMIT TO THE PUBLIC WORKS DEPARTMENT INSPECTOR A COPY OF THE COMPANY'S ANNUAL CALOSHA TRENCHING PERMIT AND A COPY OF THE COMPANY'S LETTER INFORMING CALOSHA OF THE TIME THE TRENCHING IS COMMENCING AND THE LOCATION OF THE WORK.
- CONTRACTOR SHALL COORDINATE WITH PG&E TO ALLOW PG&E PERSONNEL TO BE PRESENT WHEN EXCAVATING WITHIN 10 FEET OF EXISTING GAS MAIN.
- CONTRACTOR SHALL COORDINATE WITH WASTE MANAGEMENT SERVICES AND FACILITATE THE COLLECTION SERVICES THROUGH ANY ACTIVE CONSTRUCTION ZONES.
- CONTRACTOR SHALL NOT DISPOSE OF CHLORINATED OR OTHER CHEMICALLY TREATED WATER INTO ANY DRAINAGE SYSTEM.
- WHERE WORK IS BEING DONE IN AN EASEMENT THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER TWO WORKING DAYS PRIOR TO COMMENCING WORK WITHIN SAID EASEMENT. WORK IN THE DAVIS MUNICIPAL GOLF COURSE SHALL BE COORDINATED WITH THE GENERAL MANAGER, JERRY LILLIEDOLL, AT (530) 756-0647 ONE WEEK IN ADVANCE.

**PRELIMINARY / 90% SUBMITTAL**

DESIGNED <u>AJU</u>					
DRAWN <u>JRR</u>					
CHECKED <u>NAM</u>					
	NO.	BY	DATE	REVISION	APP'D DATE

DESIGN ENGINEER  
 BY ASA J. UTTERBACK  
 ENGINEER'S NAME  
 DATE July, YYYY P.E. C57700  
 REGISTRATION EXPIRES 12/31/2017



**WEST YOST ASSOCIATES**  
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IMPROVEMENT PLANS FOR  
 NORTH DAVIS MEADOWS WATER  
 SYSTEM CONSOLIDATION PROJECT

SCALE  
 AS SHOWN

DATE:

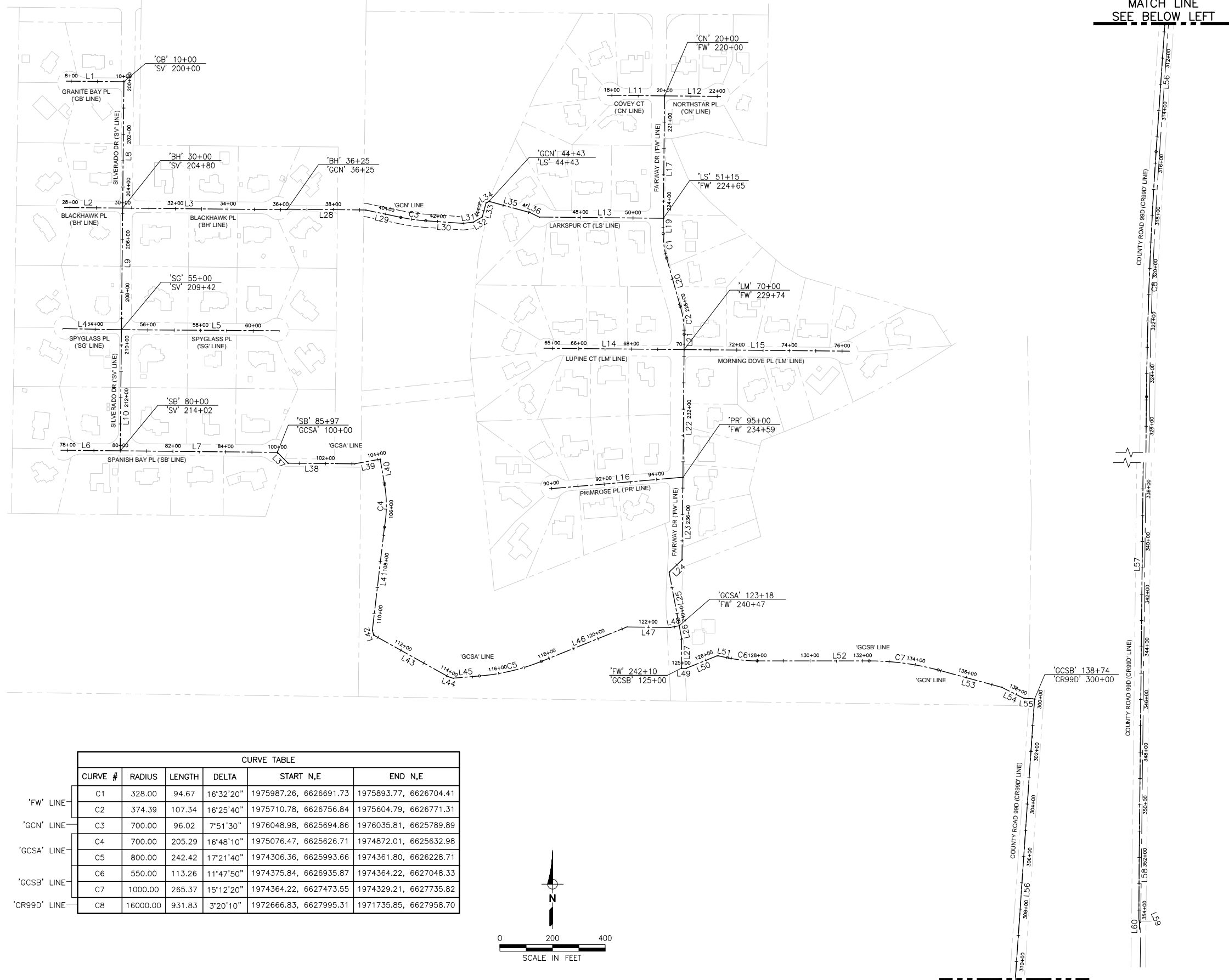
GENERAL NOTES

DWG NO  
**G02**

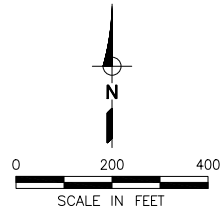
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LINE TABLE					
LINE #	LENGTH	DIRECTION	START N,E	END N,E	
'GB' LINE	L1	217.56	S89°26'00"E	1976566.15, 6624426.34	1976564.00, 6624643.88
'BH' LINE	L2	220.18	S89°26'00"E	1976086.20, 6624419.00	1976084.02, 6624639.17
'SG' LINE	L3	620.00	S89°26'00"E	1976084.02, 6624639.17	1976077.90, 6625259.14
'SB' LINE	L4	222.75	S89°26'00"E	1975624.24, 6624411.86	1975622.04, 6624634.60
'SV' LINE	L5	600.22	S89°26'00"E	1975622.04, 6624634.60	1975616.12, 6625234.80
'CN' LINE	L6	225.18	S89°26'00"E	1975164.29, 6624404.89	1975162.06, 6624630.06
'LS' LINE	L7	596.70	S89°26'00"E	1975162.06, 6624630.06	1975156.17, 6625226.73
'LM' LINE	L8	480.00	S0°33'50"W	1976564.00, 6624643.88	1976084.02, 6624639.17
'PR' LINE	L9	462.00	S0°34'00"W	1976084.02, 6624639.17	1975622.04, 6624634.60
'FW' LINE	L10	460.00	S0°34'00"W	1975622.04, 6624634.60	1975162.06, 6624630.06
'GCN' LINE	L11	217.00	S89°27'00"E	1976510.38, 6626696.75	1976510.38, 6626696.75
'GCSA' LINE	L12	213.00	S89°27'00"E	1976510.38, 6626696.75	1976508.34, 6626909.74
'GCSB' LINE	L13	471.68	S89°27'00"E	1976049.93, 6626220.63	1976045.40, 6626692.29
'CR99D' LINE	L14	532.20	S89°27'00"E	1975551.71, 6626238.68	1975546.61, 6626770.85
	L15	627.80	S89°27'00"E	1975546.61, 6626770.85	1975540.58, 6627398.62
	L16	489.84	N85°02'50"E	1975017.84, 6626260.14	1975060.11, 6626748.15
	L17	465.00	S0°33'00"W	1976510.38, 6626696.75	1976045.40, 6626692.29
	L19	58.14	S0°33'00"W	1976045.40, 6626692.29	1975987.26, 6626691.73
	L20	190.36	S15°59'20"E	1975893.77, 6626704.41	1975710.78, 6626756.84
	L21	58.18	S0°27'00"W	1975604.79, 6626771.31	1975546.61, 6626770.85
	L22	485.55	S0°31'00"W	1975546.61, 6626770.85	1975061.08, 6626766.47
	L23	313.52	S0°37'00"W	1975061.08, 6626766.47	1974747.58, 6626763.10
	L24	67.58	S46°35'40"W	1974747.58, 6626763.10	1974701.14, 6626714.00
	L25	207.11	S10°42'10"E	1974701.14, 6626714.00	1974497.63, 6626752.46
	L26	48.52	S10°42'10"E	1974497.63, 6626752.46	1974449.96, 6626761.47
	L27	114.03	S0°32'50"W	1974449.96, 6626761.47	1974335.93, 6626760.38
	L28	297.33	S89°26'00"E	1976079.85, 6625263.98	1976076.92, 6625561.29
	L29	136.45	S78°11'00"E	1976076.92, 6625561.29	1976048.98, 6625694.86
	L30	142.42	S86°02'40"E	1976035.81, 6625789.89	1976025.99, 6625931.97
	L31	39.00	N82°42'20"E	1976025.99, 6625931.97	1976030.94, 6625970.66
	L32	39.00	N60°12'20"E	1976030.94, 6625970.66	1976050.32, 6626004.50
	L33	54.92	N15°12'20"E	1976050.32, 6626004.50	1976103.31, 6626018.91
	L34	12.90	N60°12'20"E	1976103.31, 6626018.91	1976109.72, 6626030.11
	L35	160.71	S74°47'40"E	1976109.72, 6626030.11	1976067.57, 6626185.19
	L36	39.59	S63°32'40"E	1976067.57, 6626185.19	1976049.93, 6626220.63
	L37	57.48	S44°26'00"E	1975156.17, 6625226.73	1975115.13, 6625266.97
	L38	251.86	S89°26'00"E	1975115.13, 6625266.97	1975112.64, 6625518.82
	L39	99.82	N79°50'30"E	1975112.64, 6625518.82	1975130.25, 6625617.07
	L40	54.64	S10°09'30"E	1975130.25, 6625617.07	1975076.47, 6625626.71
	L41	394.57	S6°38'40"W	1974872.01, 6625632.98	1974480.09, 6625587.32
	L42	19.00	S15°50'20"E	1974480.09, 6625587.32	1974461.81, 6625592.50
	L43	323.58	S60°50'20"E	1974461.81, 6625592.50	1974304.14, 6625875.07
	L44	19.00	S72°05'20"E	1974304.14, 6625875.07	1974298.30, 6625893.15
	L45	100.83	N85°24'40"E	1974298.30, 6625893.15	1974306.36, 6625993.66
	L46	350.22	N68°02'50"E	1974361.80, 6626228.71	1974492.72, 6626553.54
	L47	164.60	S89°27'10"E	1974492.72, 6626553.54	1974491.14, 6626718.13
	L48	34.93	N79°17'50"E	1974491.14, 6626718.13	1974497.63, 6626752.46
	L49	33.03	S89°27'00"E	1974336.08, 6626745.38	1974335.76, 6626778.41
	L50	128.57	N68°02'50"E	1974335.76, 6626778.41	1974383.82, 6626897.65
	L51	39.04	S78°12'10"E	1974383.82, 6626897.65	1974375.84, 6626935.87
	L52	425.23	N90°00'00"E	1974364.22, 6627048.33	1974364.22, 6627473.55
	L53	250.01	S74°47'40"E	1974329.21, 6627735.82	1974263.64, 6627977.08
	L54	93.16	S63°32'40"E	1974263.64, 6627977.08	1974222.14, 6628060.48
	L55	41.30	S86°02'40"E	1974222.14, 6628060.48	1974219.29, 6628101.69
	L56	1563.16	S3°55'10"W	1974226.34, 6628102.17	1972666.83, 6627995.31
	L57	2665.43	S0°35'00"W	1971735.85, 6627958.70	1969070.56, 6627931.57
	L58	285.42	S0°22'30"W	1969070.56, 6627931.57	1968785.14, 6627929.71
	L59	7.90	S22°07'30"E	1968785.14, 6627929.71	1968777.82, 6627932.68
	L60	26.50	S0°17'50"W	1968777.82, 6627932.68	1968751.32, 6627932.54



CURVE TABLE						
CURVE #	RADIUS	LENGTH	DELTA	START N,E	END N,E	
'FW' LINE	C1	328.00	94.67	16°32'20"	1975987.26, 6626691.73	1975893.77, 6626704.41
'FW' LINE	C2	374.39	107.34	16°25'40"	1975710.78, 6626756.84	1975604.79, 6626771.31
'GCN' LINE	C3	700.00	96.02	7°51'30"	1976048.98, 6625694.86	1976035.81, 6625789.89
'GCSA' LINE	C4	700.00	205.29	16°48'10"	1975076.47, 6625626.71	1974872.01, 6625632.98
'GCSA' LINE	C5	800.00	242.42	17°21'40"	1974306.36, 6625993.66	1974361.80, 6626228.71
'GCSB' LINE	C6	550.00	113.26	11°47'50"	1974375.84, 6626935.87	1974364.22, 6627048.33
'GCSB' LINE	C7	1000.00	265.37	15°12'20"	1974364.22, 6627473.55	1974329.21, 6627735.82
'CR99D' LINE	C8	16000.00	931.83	3°20'10"	1972666.83, 6627995.31	1971735.85, 6627958.70



PRELIMINARY / 90% SUBMITTAL

MATCH LINE SEE ABOVE RIGHT

DESIGNED_AJU					
DRAWN_JRR					
CHECKED_NAM					
	NO.	BY	DATE	REVISION	APP'D DATE

DESIGN ENGINEER  
 BY ASA J. UTTERBACK  
 ENGINEER'S NAME  
 DATE July, YYYY P.E. C57700  
 REGISTRATION EXPIRES 12/31/2017



**WEST YOST ASSOCIATES**  
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 FAX (530) 756-5991

IMPROVEMENT PLANS FOR  
 NORTH DAVIS MEADOWS WATER  
 SYSTEM CONSOLIDATION PROJECT

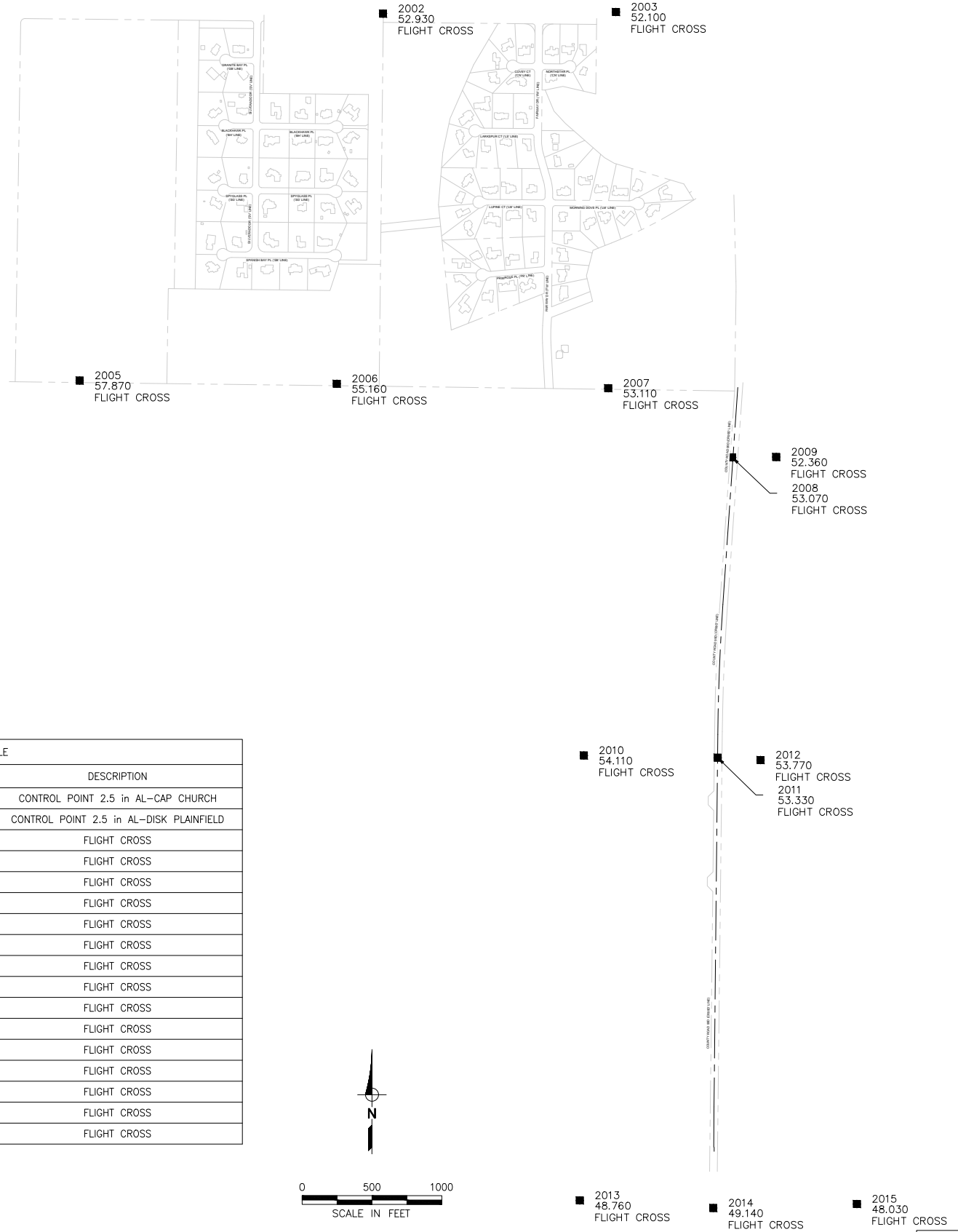
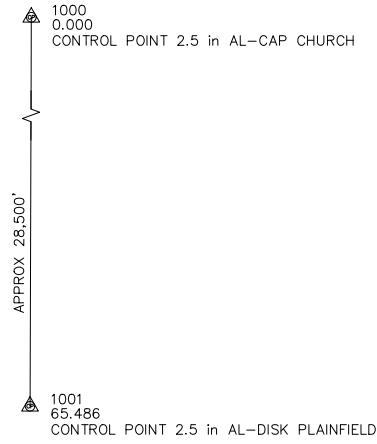
ALIGNMENT CONTROL PLAN

SCALE  
 AS SHOWN

DWG NO  
**G03**

SHEET NO  
**3 of 33**

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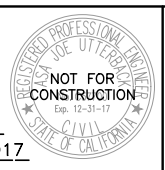
POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1000	2003455.66	6618054.62	0.00	CONTROL POINT 2.5 in AL-CAP CHURCH
1001	1974876.43	6617913.18	65.49	CONTROL POINT 2.5 in AL-DISK PLAINFIELD
2001	1976913.88	6623385.99	59.20	FLIGHT CROSS
2002	1976894.27	6625562.33	52.93	FLIGHT CROSS
2003	1976906.53	6627229.78	52.10	FLIGHT CROSS
2004	1976890.13	6628779.36	55.35	FLIGHT CROSS
2005	1974268.51	6623389.67	57.87	FLIGHT CROSS
2006	1974245.95	6625230.70	55.16	FLIGHT CROSS
2007	1974213.76	6627173.68	53.11	FLIGHT CROSS
2008	1973718.02	6628062.14	53.07	FLIGHT CROSS
2009	1973721.41	6628376.66	52.36	FLIGHT CROSS
2010	1971585.24	6626999.97	54.11	FLIGHT CROSS
2011	1971569.32	6627957.45	53.33	FLIGHT CROSS
2012	1971552.32	6628265.18	53.77	FLIGHT CROSS
2013	1968399.73	6626970.64	48.76	FLIGHT CROSS
2014	1968345.99	6627926.72	49.14	FLIGHT CROSS
2015	1968374.50	6628954.69	48.03	FLIGHT CROSS

COORDINATES SHOWN ARE CCS83 ZONE2, EPOCH 2002.53, AND ARE BASED ON THE "YOLO COUNTY GPS SUBSIDENCE NETWORK", SUBMITTED FEBRUARY 26, 2003. ELEVATIONS SHOWN ARE BASED ON THE "YOLO COUNTY GPS SUBSIDENCE NETWORK" HOLDING PLAINFIELD FOR THE VERTICAL ADJUSTMENT. COORDINATES AND ELEVATIONS SHOWN ARE IN U.S. SURVEY FEET. AN AVERAGE COMBINED FACTOR OF 0.99995 WILL BE USED FOR THIS PROJECT. DIVIDE GRID DISTANCES BY 0.99995 TO OBTAIN GROUND DISTANCES.

**PRELIMINARY / 90% SUBMITTAL**

DESIGNED	AJU					
DRAWN	JRR					
CHECKED	NAM					
NO.	BY	DATE	REVISION	APP'D	DATE	

DESIGN ENGINEER  
 BY ASA J. UTTERBACK  
 ENGINEER'S NAME  
 DATE July, YYYY P.E. C57700  
 REGISTRATION EXPIRES 12/31/2017



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IMPROVEMENT PLANS FOR  
 NORTH DAVIS MEADOWS WATER  
 SYSTEM CONSOLIDATION PROJECT

**SURVEY CONTROL PLAN**

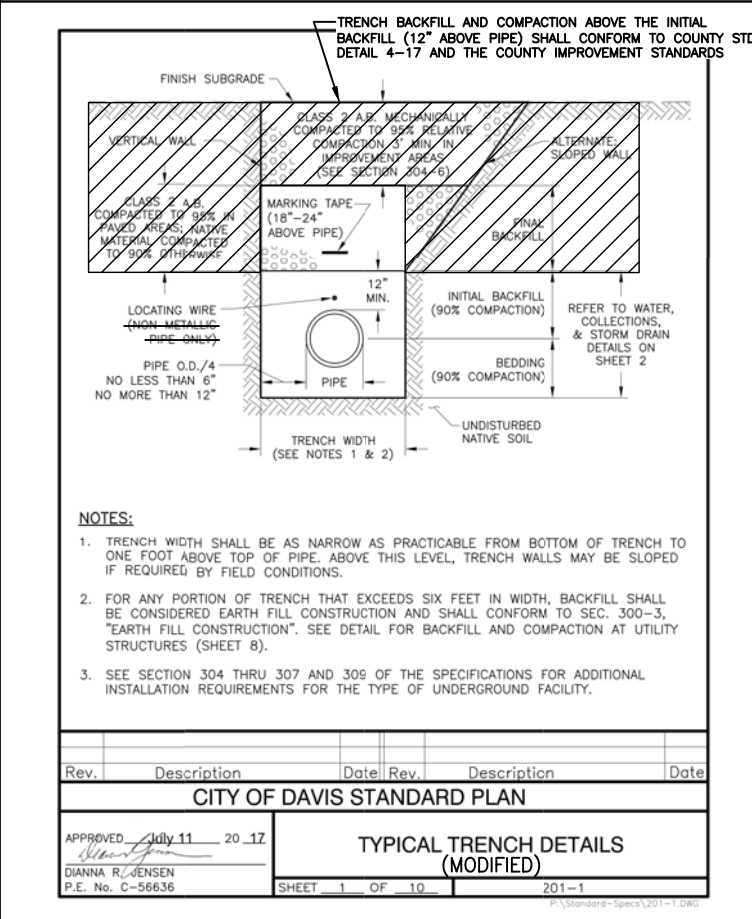
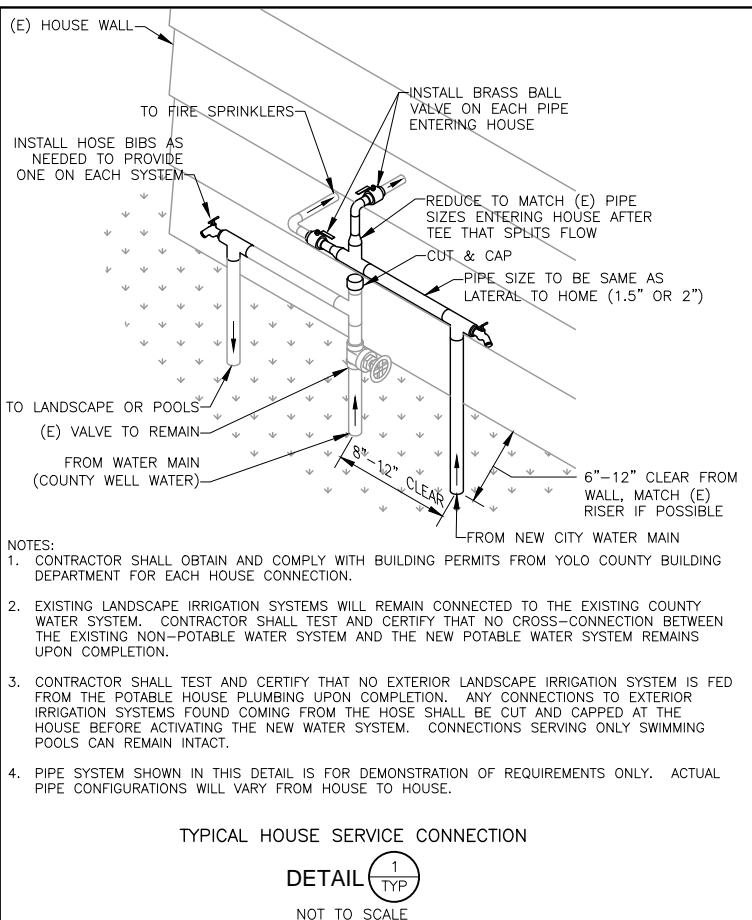
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 AS SHOWN

DATE:

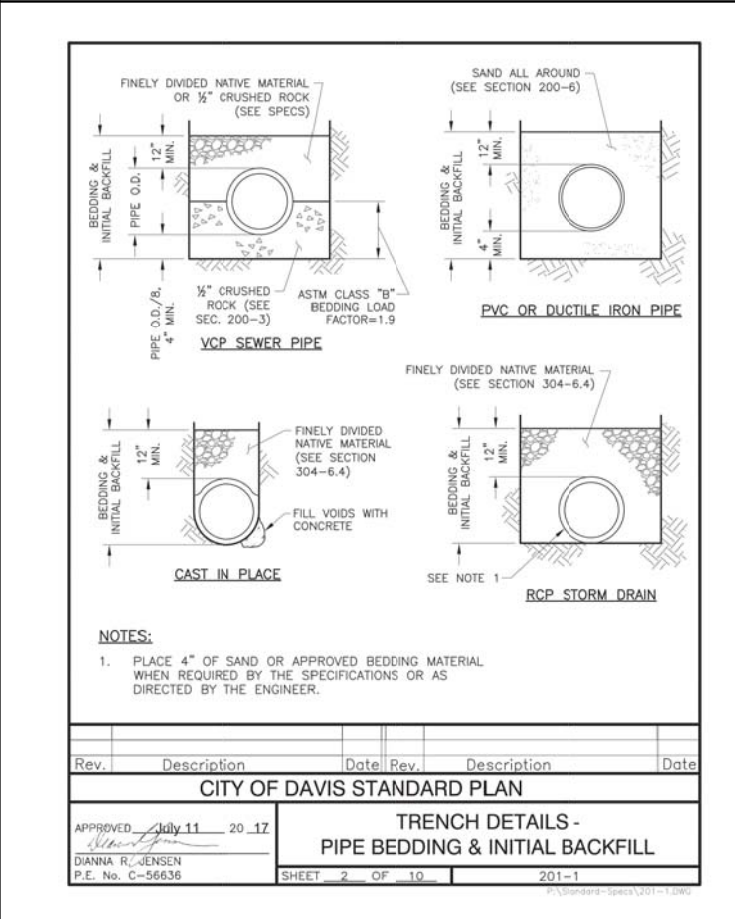
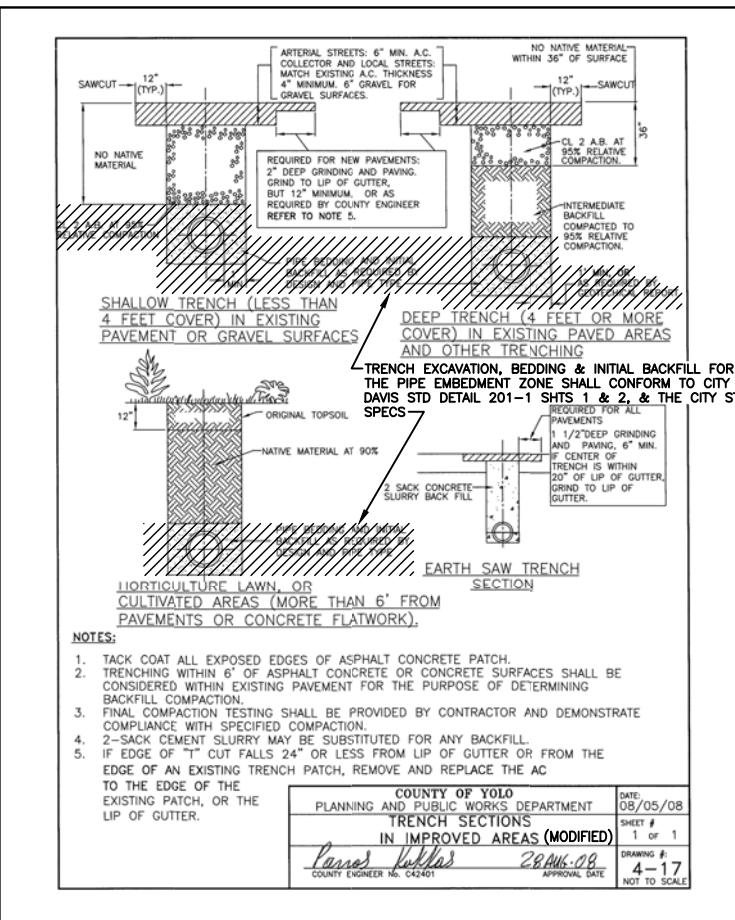
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**G04**

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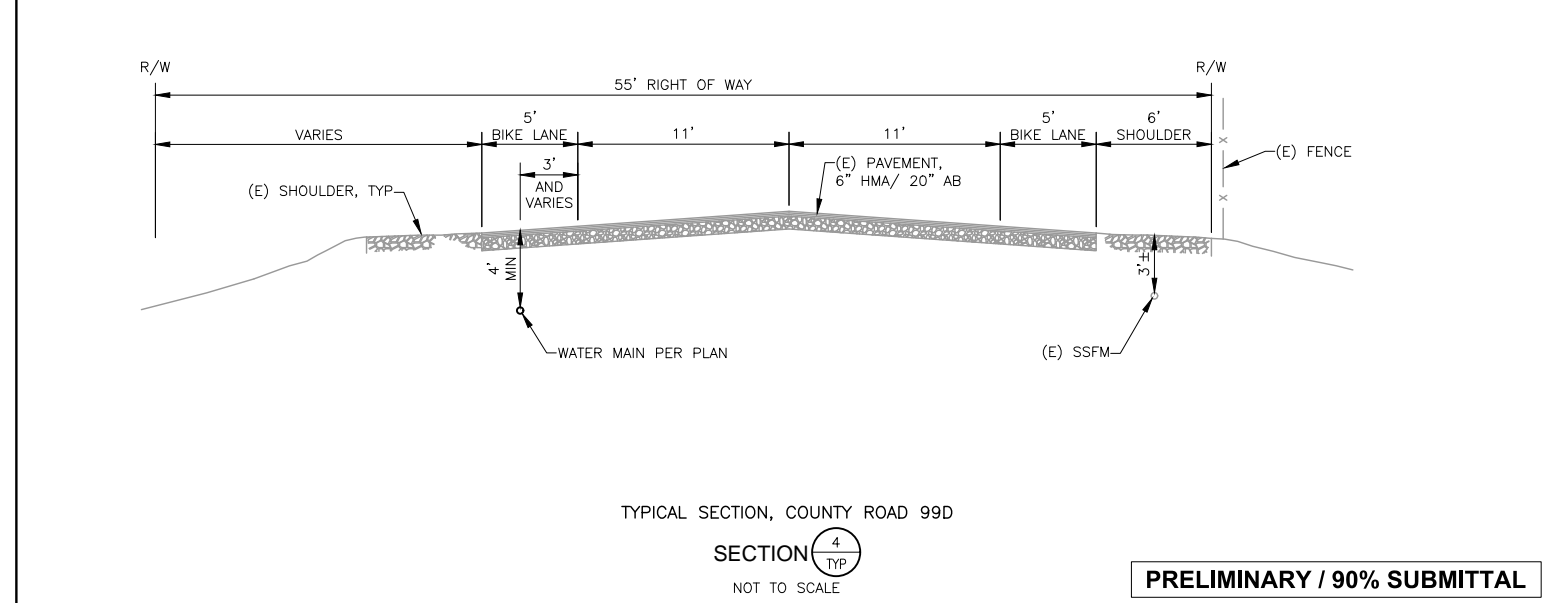
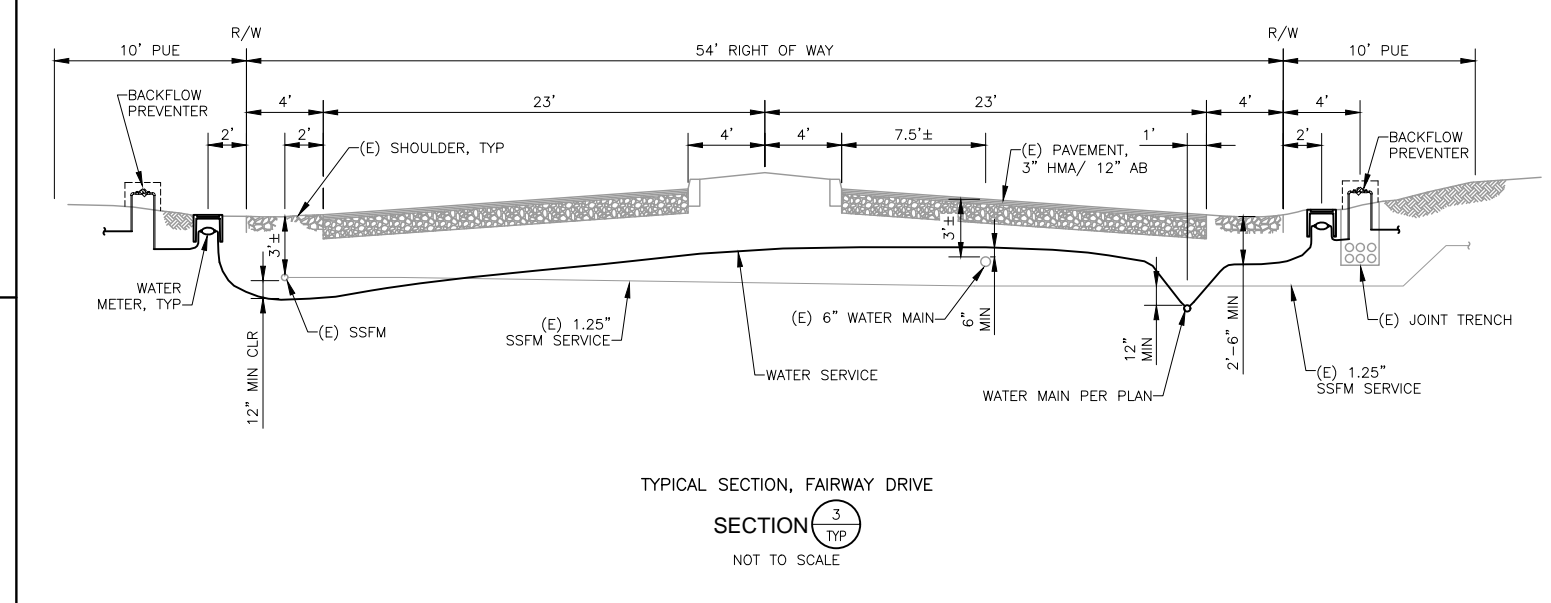
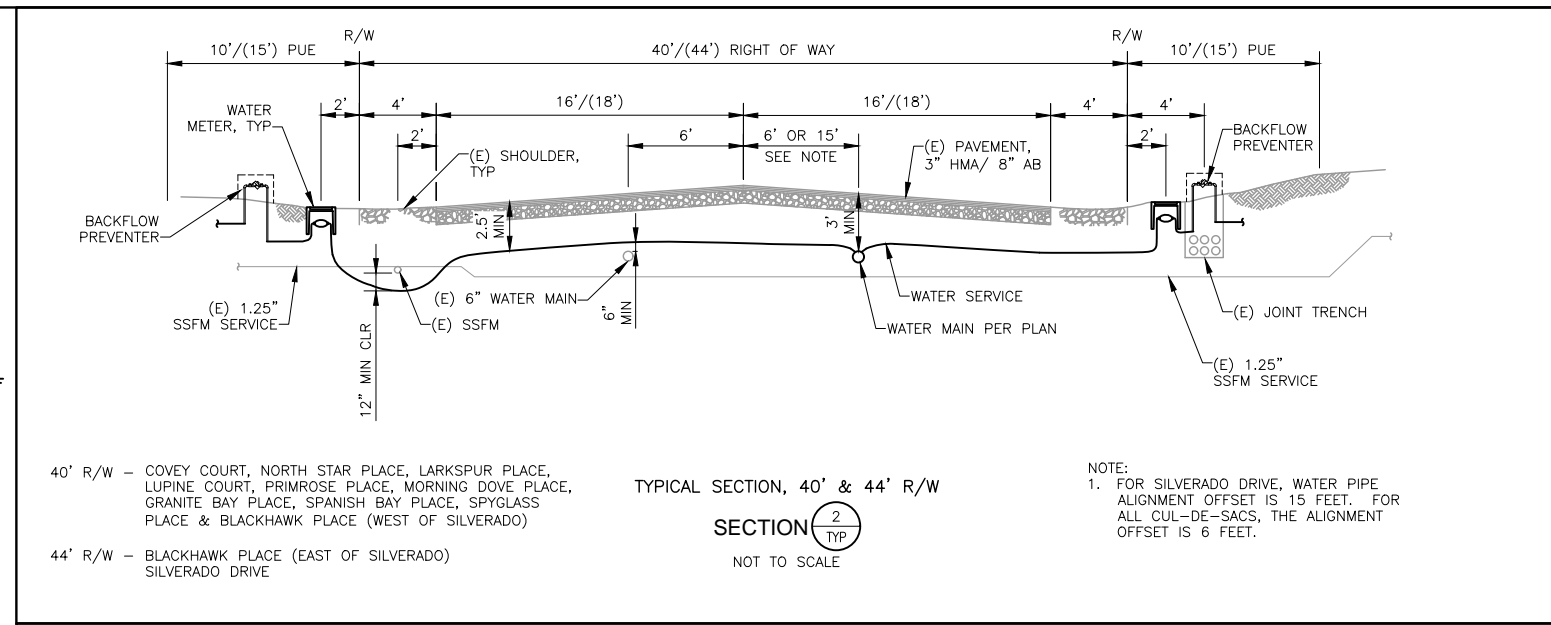
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Rev.	Description	Date	Rev.	Description	Date
CITY OF DAVIS STANDARD PLAN					
APPROVED July 11 20 17		TYPICAL TRENCH DETAILS (MODIFIED)			
DIANNA R. JENSEN P.E. No. C-56636		SHEET 1 OF 10		201-1	

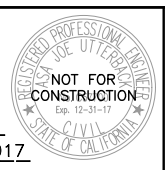


Rev.	Description	Date	Rev.	Description	Date
CITY OF DAVIS STANDARD PLAN					
APPROVED July 11 20 17		TRENCH DETAILS - PIPE BEDDING & INITIAL BACKFILL			
DIANNA R. JENSEN P.E. No. C-56636		SHEET 2 OF 10		201-1	



DESIGNED <u>AJU</u>					
DRAWN <u>JRR</u>					
CHECKED <u>NAM</u>	NO.	BY	DATE	REVISION	APP'D DATE

DESIGN ENGINEER  
 BY ASA J. UTTERBACK  
 ENGINEER'S NAME  
 DATE July, YYYY P.E. C57700  
 REGISTRATION EXPIRES 12/31/2017



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IMPROVEMENT PLANS FOR  
 NORTH DAVIS MEADOWS WATER  
 SYSTEM CONSOLIDATION PROJECT

TYPICAL SECTIONS AND STANDARDS 1

SCALE  
 AS SHOWN

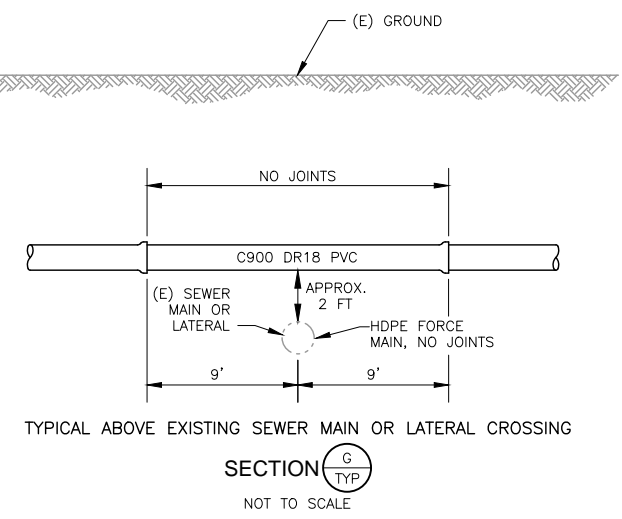
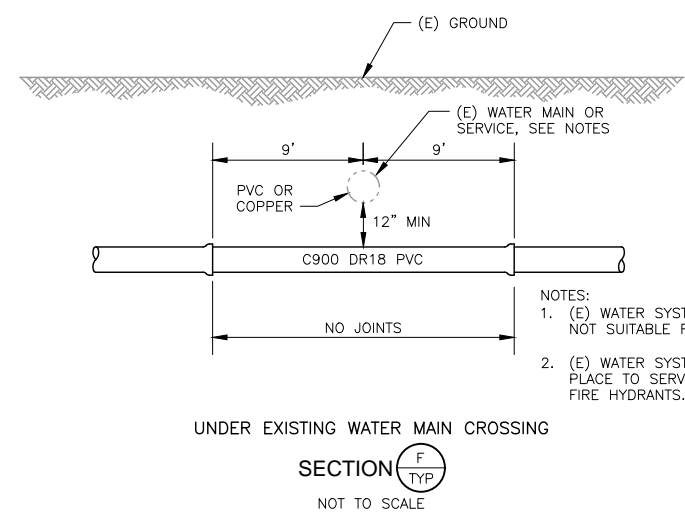
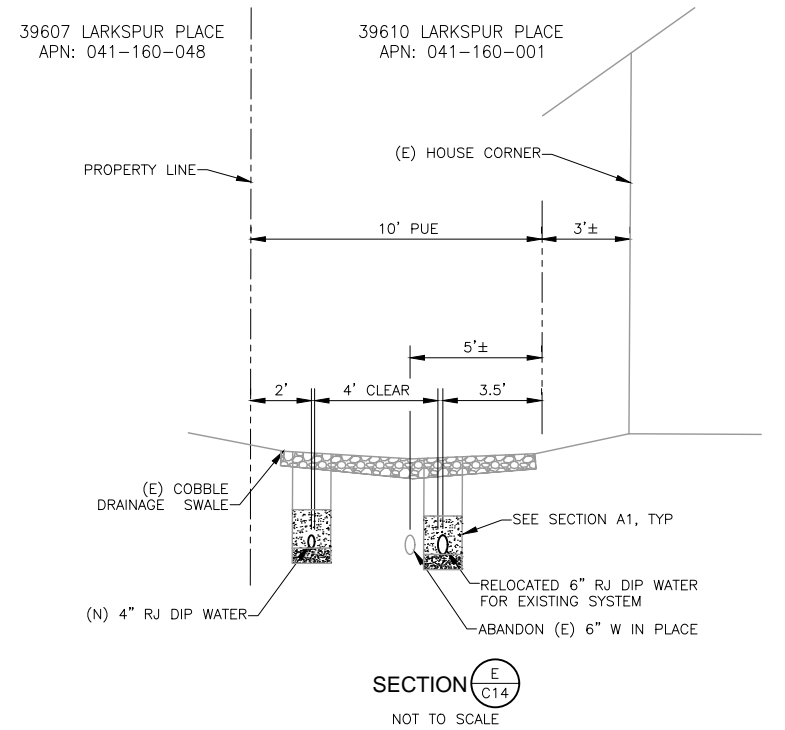
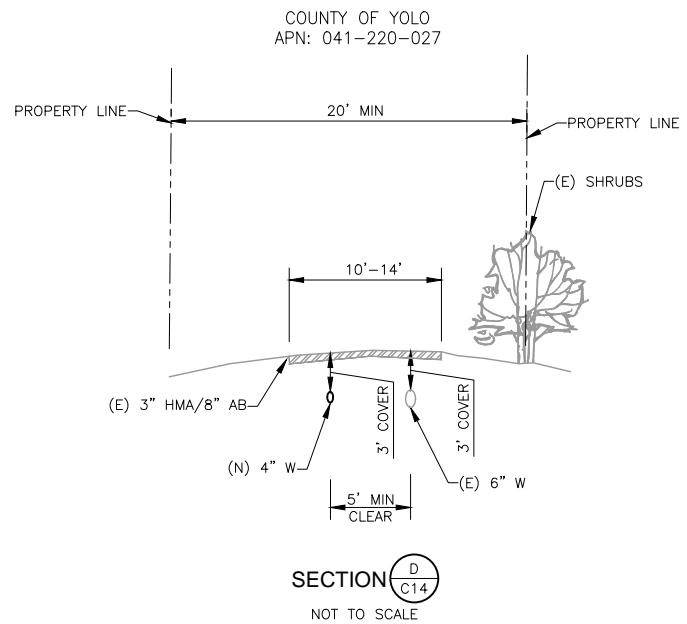
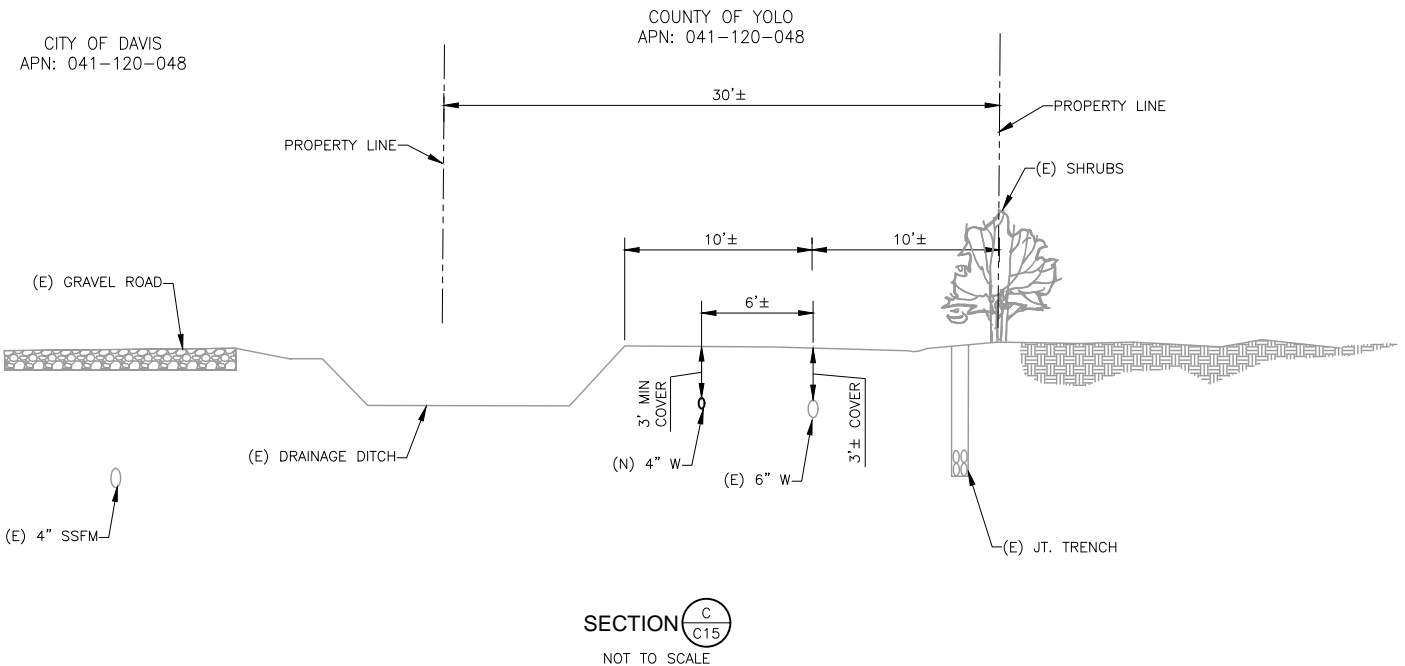
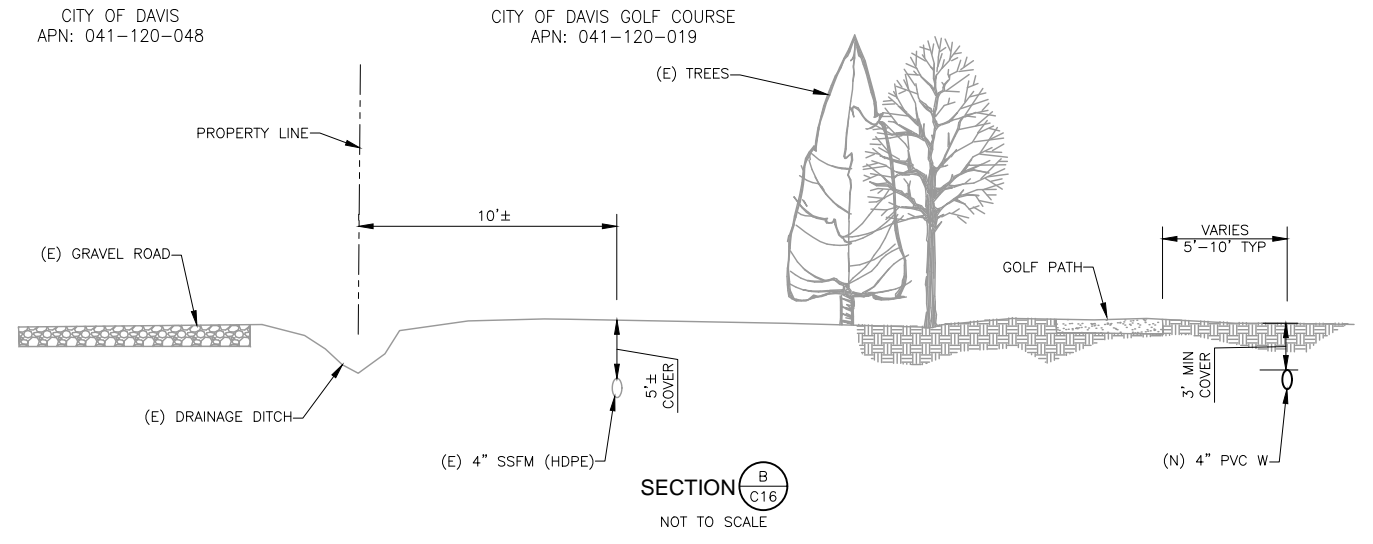
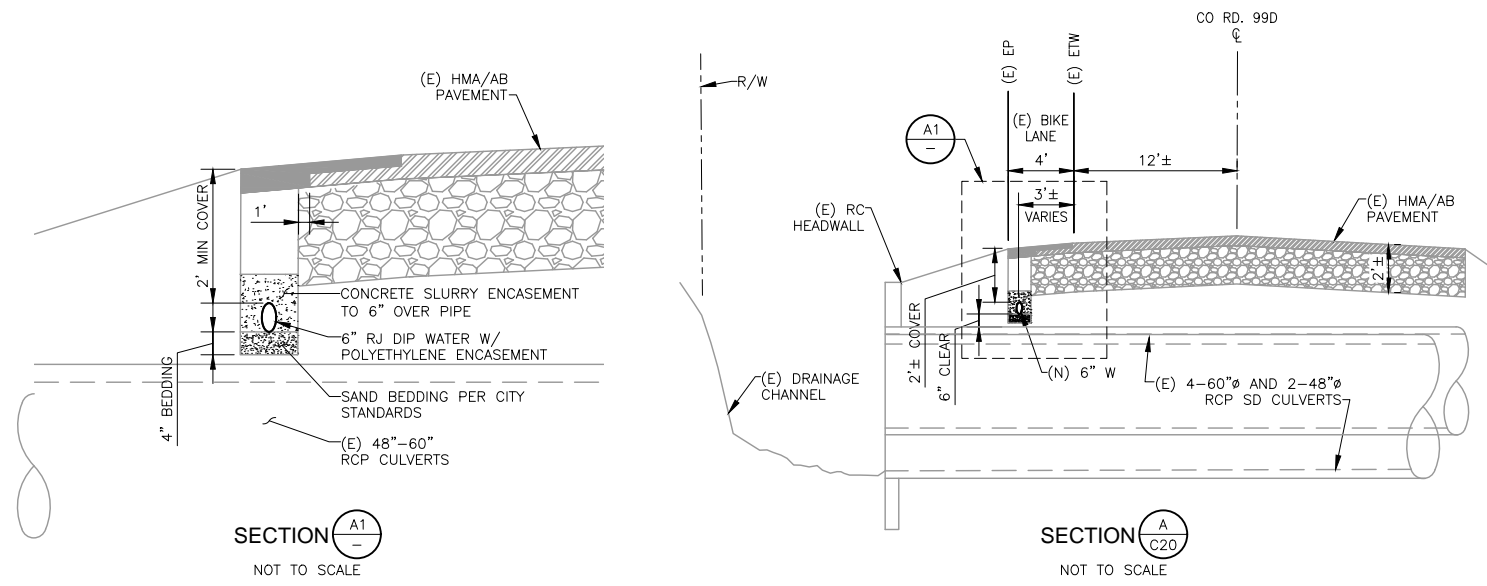
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**D01**

DATE:

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 5 of 33

**PRELIMINARY / 90% SUBMITTAL**

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PRELIMINARY / 90% SUBMITTAL

DESIGNED	AJU				
DRAWN	JRR				
CHECKED	NAM				
NO.	BY	DATE	REVISION	APP'D	DATE

DESIGN ENGINEER  
 BY ASA J. UTTERBACK  
 ENGINEER'S NAME  
 DATE July, YYYY P.E. C57700  
 REGISTRATION EXPIRES 12/31/2017



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IMPROVEMENT PLANS FOR  
 NORTH DAVIS MEADOWS WATER  
 SYSTEM CONSOLIDATION PROJECT

TYPICAL SECTIONS AND STANDARDS 2

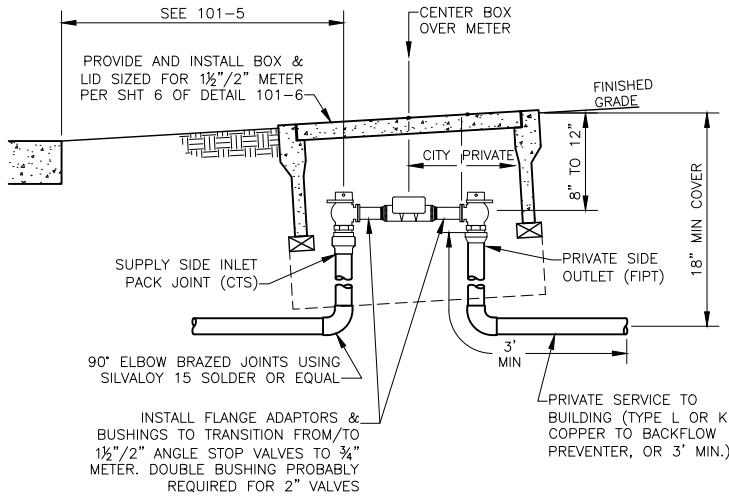
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DATE:

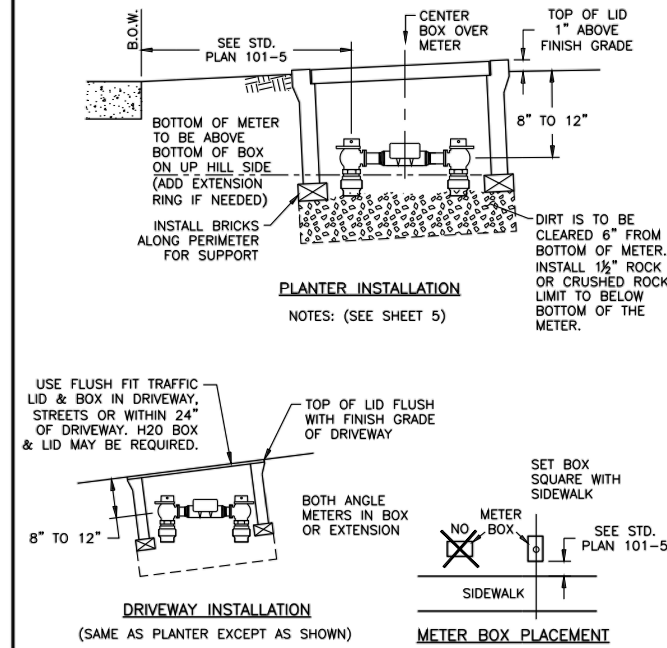
SHEET NO  
 6 OF 33

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3/4" WATER METER DETAIL FOR INSTALLATION ON 1.5" & 2" SERVICE LATERALS

DETAIL 2 TYP  
NOT TO SCALE



Rev.	Description	Date	Rev.	Description	Date
CITY OF DAVIS STANDARD PLAN					
APPROVED July 11 20 17 DIANNA R. JENSEN P.E. No. C-56636			WATER METER BOX DETAILS FOR DRIVEWAYS, & PLANTERS 2" & SMALLER SHEET 4 OF 6 101-6		

SERVICE SIZE	MANUFACTURER	SUPPLY SIDE MODEL#	COPPERSETTER
1"	Ford Mueller Jones McDonald	BA43-444W P-2425B E-1963W 74602B-22	As Approved
1 1/2"	Ford Mueller Jones McDonald	BFA43-666W B24276 E-1975W 74602B-22	As Approved.
2"	Ford Mueller Jones McDonald	BFA43-777W B24276 E-1975W 74602B-22	As Approved.
4"+	Gate Valves required per Standard Specifications, designed by private Engineer, reviewed and approved by City Engineer.		Not applicable.

**METER SERVICE CONSTRUCTION NOTES:**

- Water Division - Public Works Department, shall determine appropriate meter size based upon water meter sizing form submitted by applicant.
- Suitable Backflow prevention shall be provided downstream of the meter when required by the City. Refer to the Rules and Regulations for Backflow Prevention published by PW.
- Coppersetter with bypass may be required depending on service use. Provide meter box extensions to fully enclose bypass.
- Silvaloy 15 solder or equal shall be used for all brazing.
- All adapters and other fittings shall be of the same manufacturer as both angle meter stops at a particular service. Angle stops at front and back of meter shall be of same manufacturer.
- Makes/models shown in the table above are approved for use by the City. Equivalent meter stops, angle stops and accessories by other manufacturers may be allowed subject to City Engineer review and approval.
- Multiple meters serving one address shall be labeled per Spec. Sect. 203-10.9.

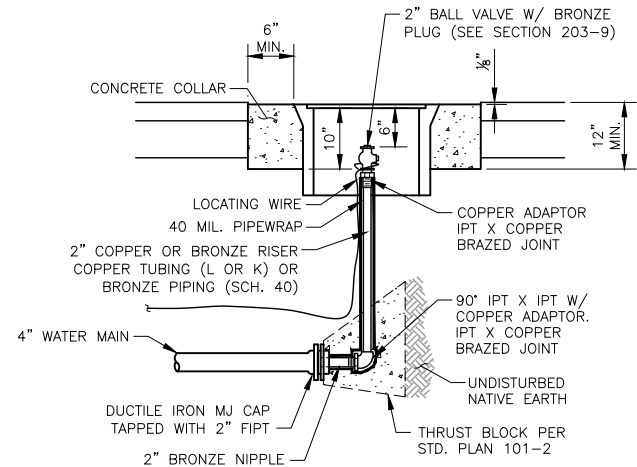
Rev.	Description	Date	Rev.	Description	Date
CITY OF DAVIS STANDARD PLAN					
APPROVED July 11 20 17 DIANNA R. JENSEN P.E. No. C-56636			ANGLE METER STOPS & CONSTRUCTION NOTES SHEET 5 OF 6 101-6		

METER SIZE	BOX SIZE	LANDSCAPED AREAS	TRAFFIC AREAS
3/4"	13" x 24" inside dimensions	OLDCASTLE: BOX: FL30TBOX LID: FL30T	OLDCASTLE: BOX: B1324, H20 Loading, LID: B1324-51GH, Flush mount, Steel Checker Plate, 10,000# design load or Fibrelyte lid.
1 1/2"	17" x 30" inside dimensions	OLDCASTLE: BOX: FL36TBOX LID: FL36T	OLDCASTLE: BOX: B1730, H20 Loading LID: B1730-51GH, Steel Checker
3"	30" x 48" inside dimensions	OLDCASTLE: BOX: N48BOX LID: B48-62G	OLDCASTLE: BOX: B3048, H20 Loading LID: B3048-53JH, Steel Checker
4"	30" x 48" inside dimensions	OLDCASTLE: BOX: N48BOX LID: B48-62G	OLDCASTLE: BOX: B3048, H20 Loading LID: B3048-53JH, Steel Checker
6"+	Designed by private Engineer, reviewed and approved by City Engineer. Box and lid must conform to AASHTO H20 criteria in traffic loading situations.		

**METER BOX AND LID NOTES:**

- All box knock-outs for lines shall be left in place for 1", 1 1/2" and 2" meter sizes. Service lines shall be placed under lowest edge of boxes and any extensions.
- Stainless Steel pentagon-head bolts (5-sided) shall be provided with lids for 3/4" through 2" boxes in landscaped areas. Normal bolts shall be provided with traffic boxes when applicable.
- For N30 concrete boxes, steel lid or traffic rated Fibrelyte Lid is required for 3/4" and 1" services in driveways, sidewalks, concrete or other paved hard surfaces.
- Makes and models by Oldcastle Precast, as shown in the table above are approved for use. Equivalent boxes/lids by other manufacturers will be allowed subject to City Engineer review and approval. Plastic or Fibrelyte boxes/lids shall be green in color.
- Per standard specifications, allowable service line sizes are 1", 1 1/2", 2" or 4" and larger. Meter sizes may be smaller than service lines depending on flow demands.
- Lids shall have one 1 1/4" diameter hole for touch read device installation (T.R. device installation by City).
- Traffic boxes for 1 1/2" and larger services installed in A.C. pavement, or other hard surfaces shall have 12" deep by 12" wide concrete collar constructed around the exterior of the box per Standard Plan 201-2 (indicated as TOP BLOCK on Sheet 1 of 201-2).

Rev.	Description	Date	Rev.	Description	Date
CITY OF DAVIS STANDARD PLAN					
APPROVED July 11 20 17 DIANNA R. JENSEN P.E. No. C-56636			WATER METER - BOXES AND LIDS SHEET 6 OF 6 101-6		



- NOTES:**
- BOX IN LANDSCAPED AREAS: CHRISTY B16 BOX WITH REINFORCED CONCRETE LID (CHRISTY B16G).
  - STREET BOX IN RESIDENTIAL AREAS: CHRISTY B16 BOX WITH CAST IRON LID (CHRISTY B16C). STREET BOX ON COLLECTORS AND ARTERIALS: CHRISTY B1324 BOX H/20 LOADING & LID, INSTALL SCREWS AND BOLTS THAT ARE PROVIDED BY MANUFACTURER.
  - SEE SECTIONS 203-10 AND 203-11 OF THE STANDARD SPECIFICATIONS FOR MATERIALS, SOLDER & BRAZING REQUIREMENTS.
  - PRIOR TO CONCRETE PLACEMENT THE CONTRACTOR SHALL CALL CITY FOR AN INSPECTION.
  - THE BALL VALVE SHALL BE ORIENTED SO THAT WHEN A WRENCH IS USED TO OPERATE THE VALVE, THE WRENCH IS PARALLEL TO THE LONG AXIS OF THE BOX.

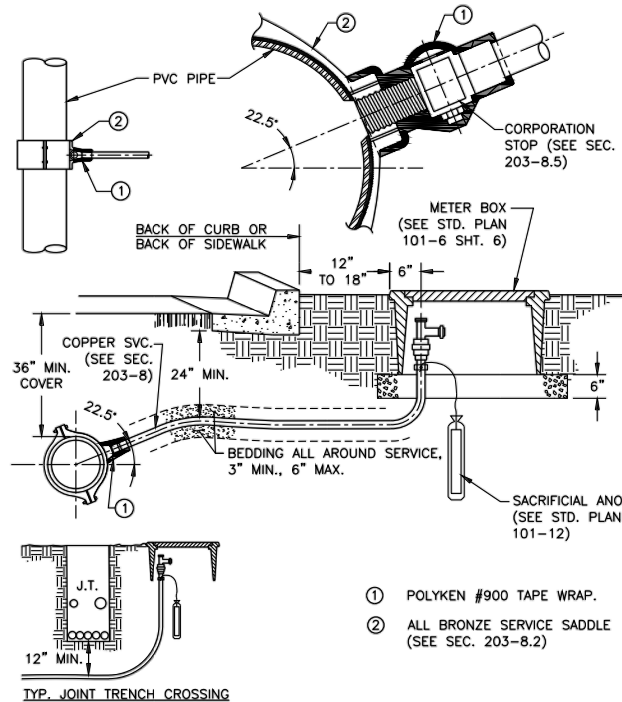
WATERLINE BLOWOFF INSTALLATION ON 4" MAIN

DETAIL 3 TYP  
NOT TO SCALE

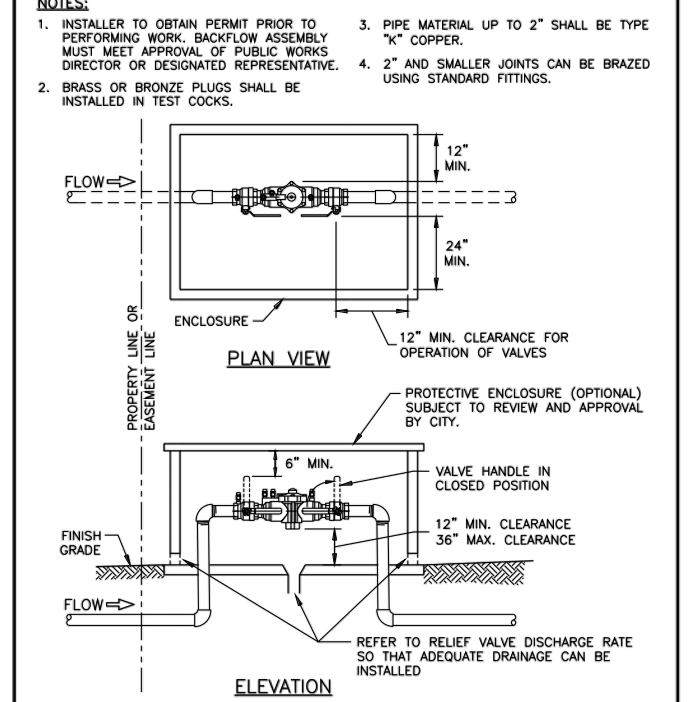
FITTING TYPE	REQUIRED BEARING AREA - TOTAL SQUARE FEET						
	90° BEND	45° BEND	1 1/4" OR 22 1/2" BEND	TEE OR DEAD END	TEE W/ PLUG	CROSS W/ PLUG	CROSS W/ PLUGS
4"	2	1	1	2	2	2	2
6"	4	2	1	3	4	4	4
8"	7	4	2	5	7	7	7
10"	12	6	3	8	12	12	12
12"	16	10	5	12	16	16	16
14"							

- NOTES:**
- THRUST BLOCKS TO BE CONSTRUCTED OF CLASS "C" CONCRETE.
  - AREAS GIVEN ARE FOR CLASS 200 PIPE AT TEST PRESSURE OF 150 P.S.I. IN SOIL WITH 2,000 P.S.F. BEARING CAPACITY. INSTALLATIONS USING DIFFERENT PIPE, TEST PRESSURES, AND/OR SOLID TYPES SHOULD ADJUST AREAS ACCORDINGLY, SUBJECT TO APPROVAL OF ENGINEER.
  - BLOCKS SHALL BE POURED AGAINST UNDISTURBED SOIL.
  - CONCRETE SHALL BE KEPT CLEAR OF JOINTS AND FACES OF PLUGS. ALL FITTINGS SHALL BE WRAPPED WITH 8 MIL. PLASTIC SO THAT CONCRETE DOES NOT CONTACT WATER MAIN.
  - THRUST BLOCKS NOT MEETING THIS DETAIL OR THE USE OF OTHER MEANS TO RESIST WATER HAMMER ACTION MUST BE APPROVED BY THE CITY ENGINEER PRIOR TO INSTALLATION.
  - THRUST BLOCKS SHALL NOT BE LOCATED OR SIZED TO ENCASE ADJACENT PIPES OR FITTINGS.
  - FOR PIPES LARGER THAN 12" CALCULATIONS SHALL BE SUBMITTED PRIOR TO DESIGN APPROVAL.

Rev.	Description	Date	Rev.	Description	Date
CITY OF DAVIS STANDARD PLAN					
APPROVED July 11 20 17 DIANNA R. JENSEN P.E. No. C-56636			THRUST BLOCK AREA FOR WATER MAINS SHEET 1 OF 1 101-2		



Rev.	Description	Date	Rev.	Description	Date
CITY OF DAVIS STANDARD PLAN					
APPROVED July 11 20 17 DIANNA R. JENSEN P.E. No. C-56636			WATER SERVICE UP TO 2" SERVICE TAP OF PVC PIPE SHEET 1 OF 3 101-5		



Rev.	Description	Date	Rev.	Description	Date
CITY OF DAVIS STANDARD PLAN					
APPROVED July 11 20 17 DIANNA R. JENSEN P.E. No. C-56636			BACKFLOW PREVENTION - ASSEMBLY LAYOUT SHEET 1 OF 2 101-11		

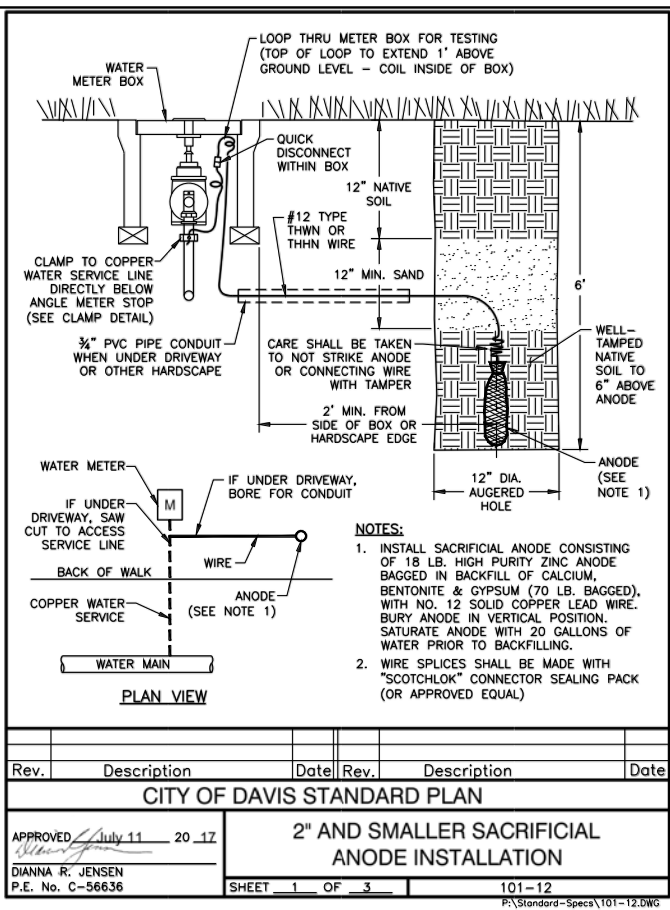
DESIGNED	DRAWN	CHECKED	NO.	BY	DATE	REVISION	APP'D	DATE
AJU	JRR	NAM						

DESIGN ENGINEER  
BY ASA J. UTTERBACK  
ENGINEER'S NAME  
DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017

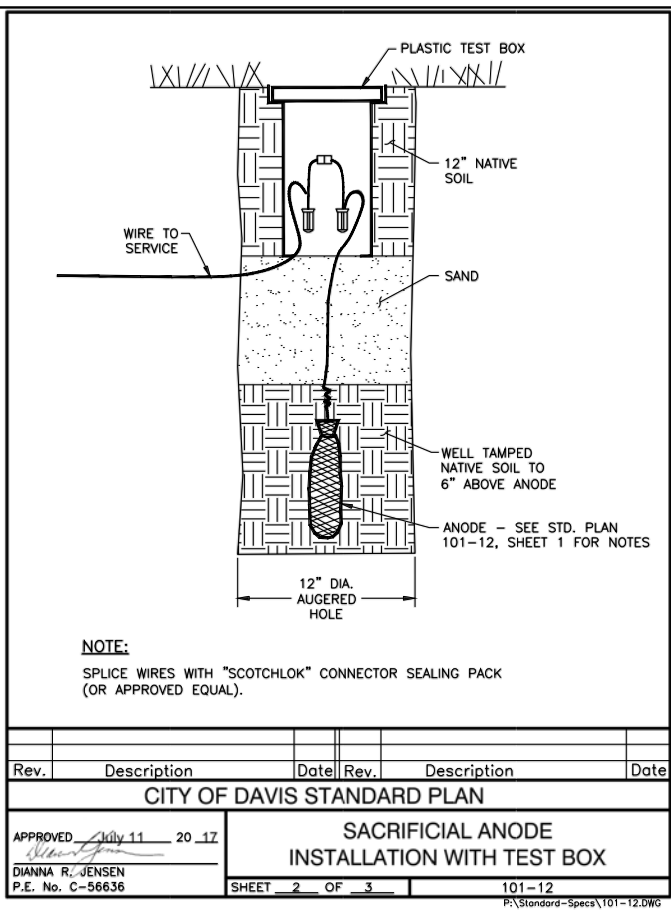
**WEST YOST ASSOCIATES**  
2020 Research Park Drive Suite 100 Davis, California 95618 (530) 756-5905 FAX (530) 756-5991

IMPROVEMENT PLANS FOR NORTH DAVIS MEADOWS WATER SYSTEM CONSOLIDATION PROJECT  
SCALE AS SHOWN  
CITY STANDARD DETAILS  
DWG NO D03  
SHEET NO 7 of 33

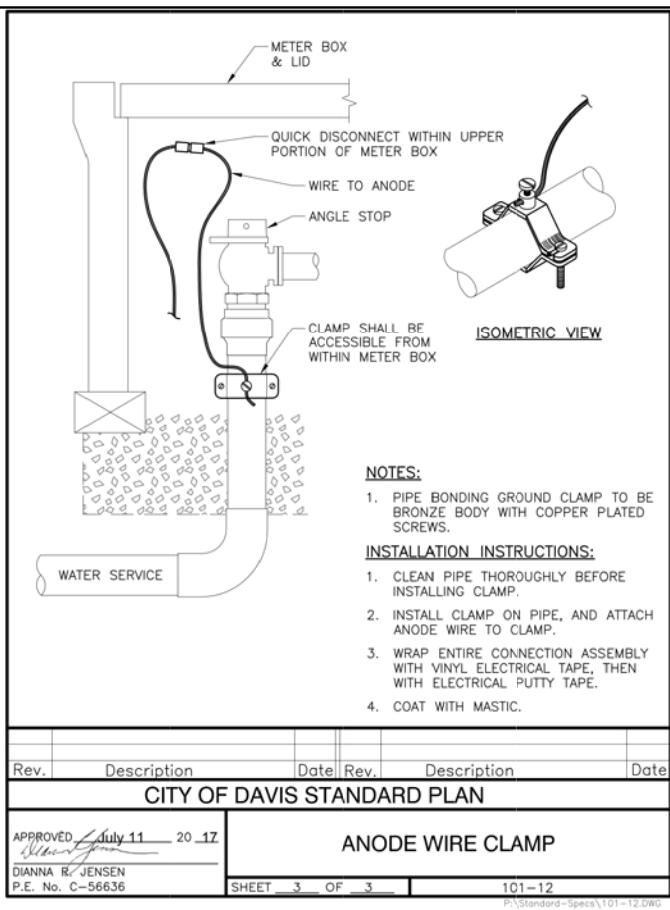
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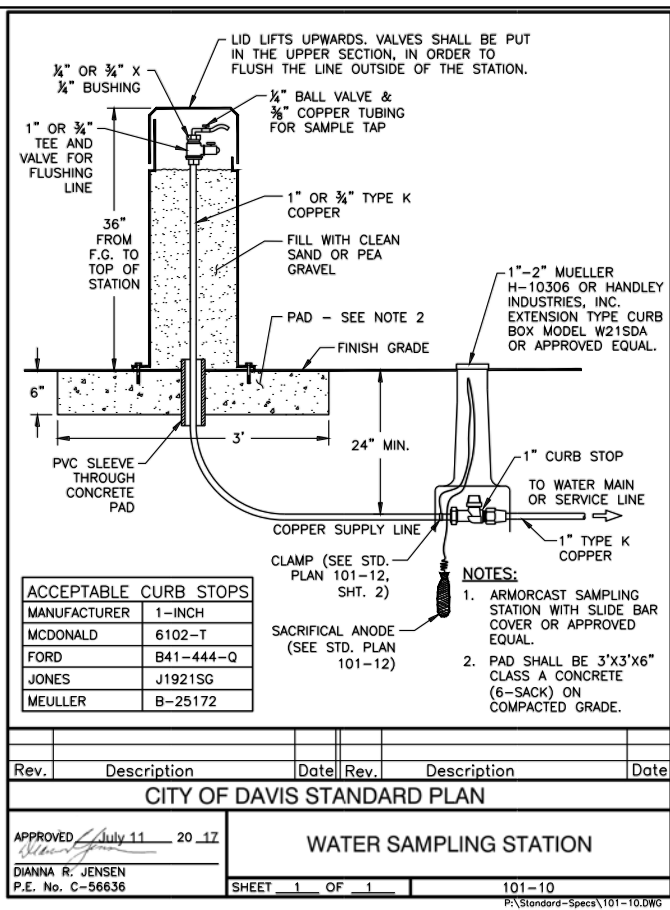
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CITY OF DAVIS STANDARD PLAN					
APPROVED July 11 20 17		DIANNA R. JENSEN		P.E. No. C-56636	
SHEET 1 OF 3		101-12		P:\Standard-Specs\101-12.DWG	



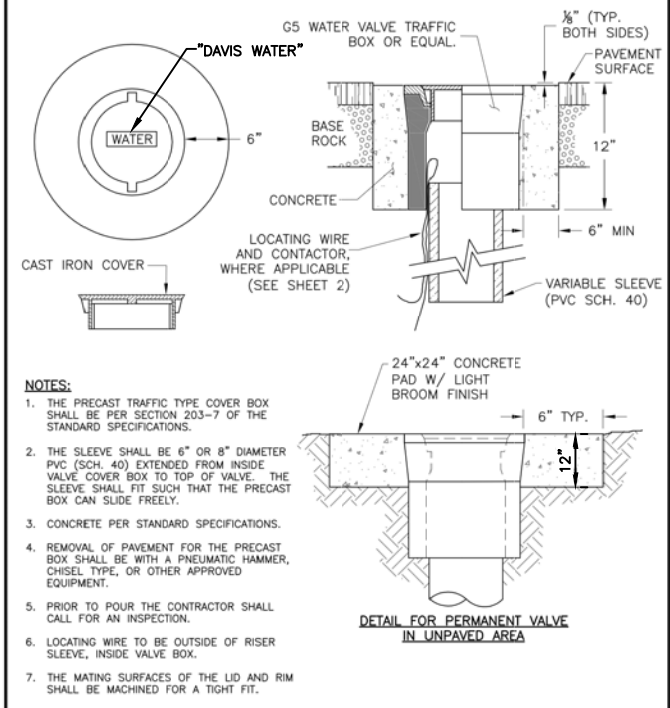
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CITY OF DAVIS STANDARD PLAN					
APPROVED July 11 20 17		DIANNA R. JENSEN		P.E. No. C-56636	
SHEET 2 OF 3		101-12		P:\Standard-Specs\101-12.DWG	



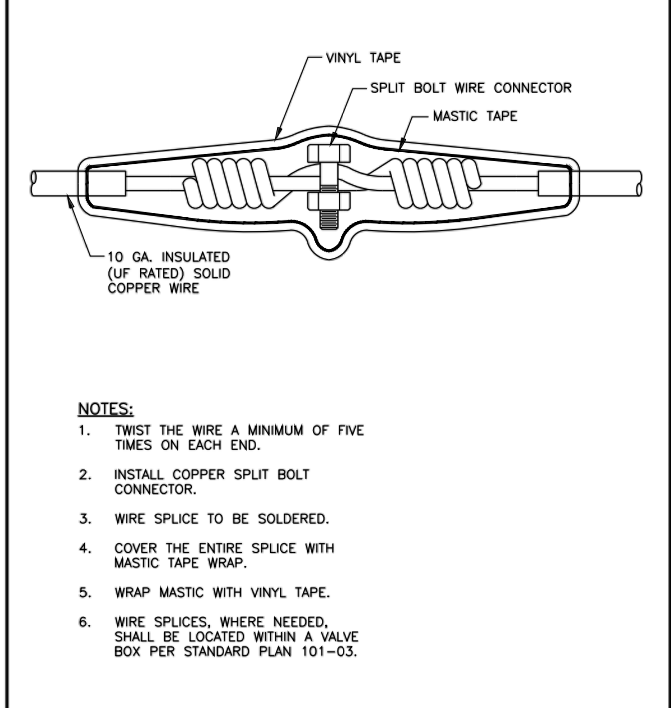
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CITY OF DAVIS STANDARD PLAN					
APPROVED July 11 20 17		DIANNA R. JENSEN		P.E. No. C-56636	
SHEET 3 OF 3		101-12		P:\Standard-Specs\101-12.DWG	



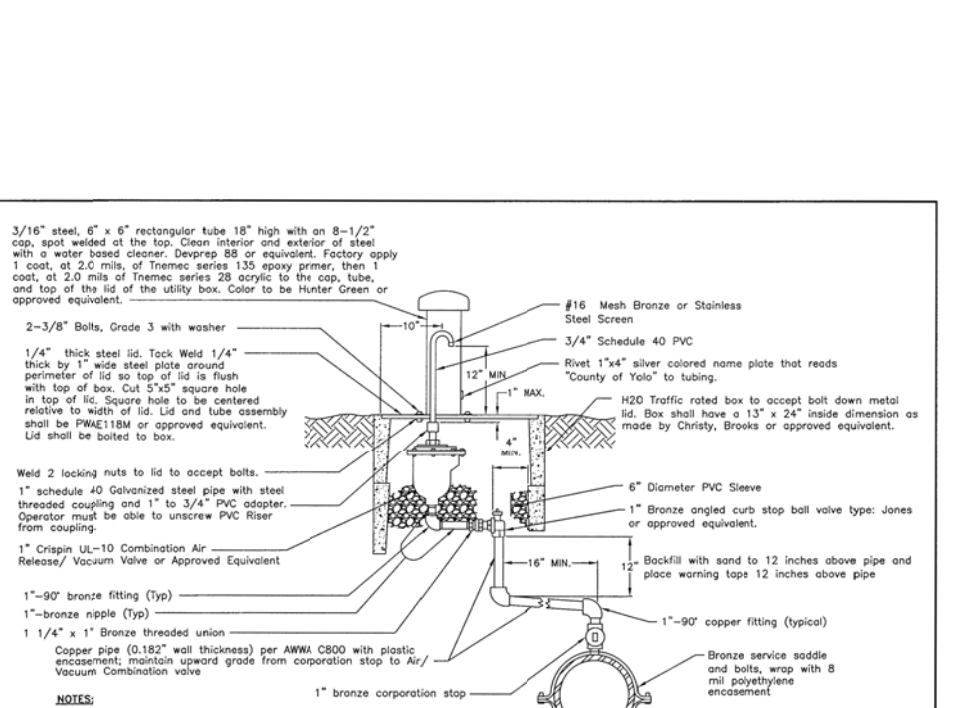
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SHEET 1 OF 1		101-10		P:\Standard-Specs\101-10.DWG	



Rev.	Description	Date	Rev.	Description	Date
CITY OF DAVIS STANDARD PLAN					
APPROVED July 11 20 17		DIANNA R. JENSEN		P.E. No. C-56636	
SHEET 1 OF 2		101-3		P:\Standard-Specs\101-03.dwg	



Rev.	Description	Date	Rev.	Description	Date
CITY OF DAVIS STANDARD PLAN					
APPROVED July 11 20 17		DIANNA R. JENSEN		P.E. No. C-56636	
SHEET 2 OF 2		101-3		P:\Standard-Specs\101-03.dwg	



Rev.	Description	Date	Rev.	Description	Date
CITY OF DAVIS STANDARD PLAN					
APPROVED July 11 20 17		DIANNA R. JENSEN		P.E. No. C-56636	
SHEET 2 OF 2		101-3		P:\Standard-Specs\101-03.dwg	



**NOTE:** SIGNS AND LABELS POSTED AS NOTICE OF NON-POTABLE WATER USE SHALL BE AN APPROVED EQUIVALENT OF THE SIGN IN THIS DETAIL.

OSHA NON-POTABLE WATER SIGN/LABEL  
DETAIL 7 TYP  
NOT TO SCALE

PRELIMINARY / 90% SUBMITTAL

DESIGNED	DRAWN	CHECKED	NO.	BY	DATE	REVISION	APP'D	DATE
AJU	JRR	NAM						

DESIGN ENGINEER  
BY ASA J. UTTERBACK  
ENGINEER'S NAME  
DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017

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(530) 756-5905  
FAX (530) 756-5991

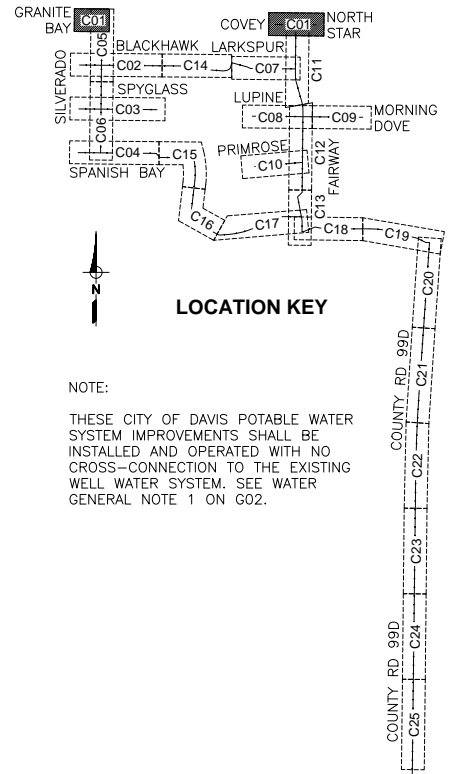
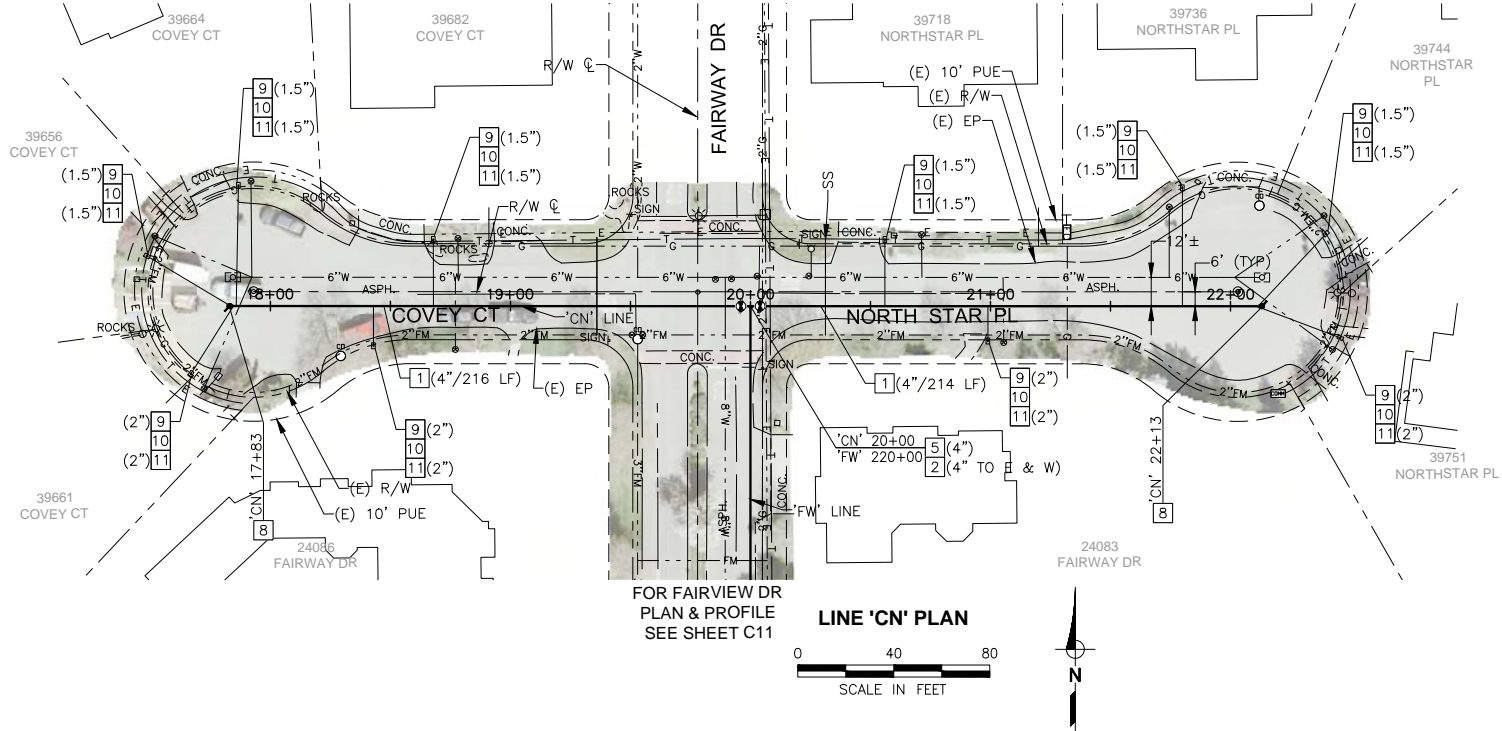
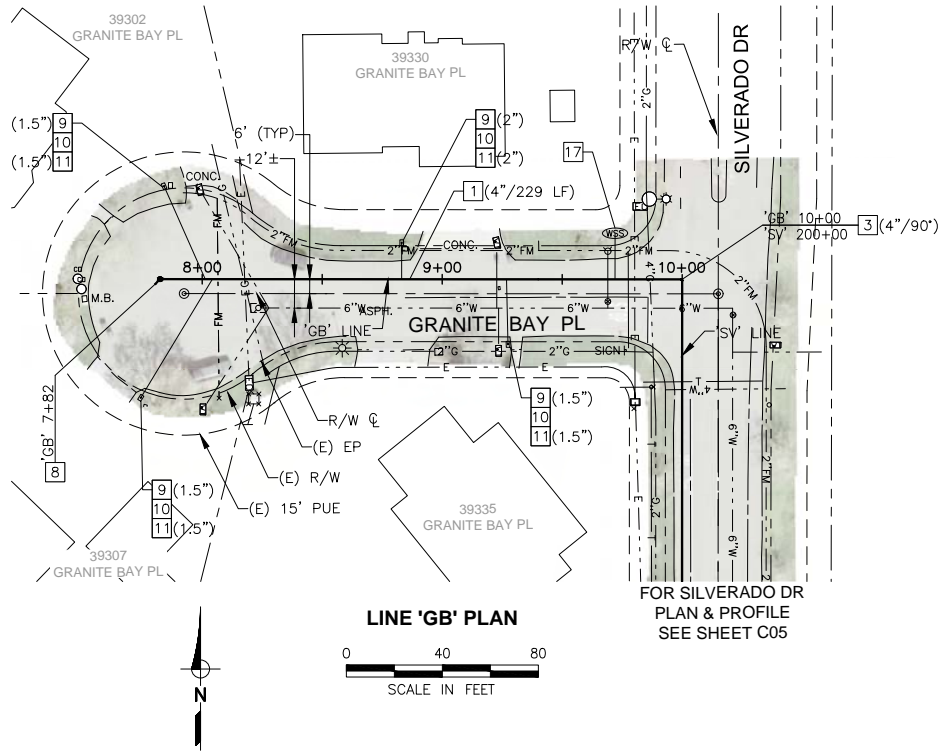
IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT

SCALE  
AS SHOWN

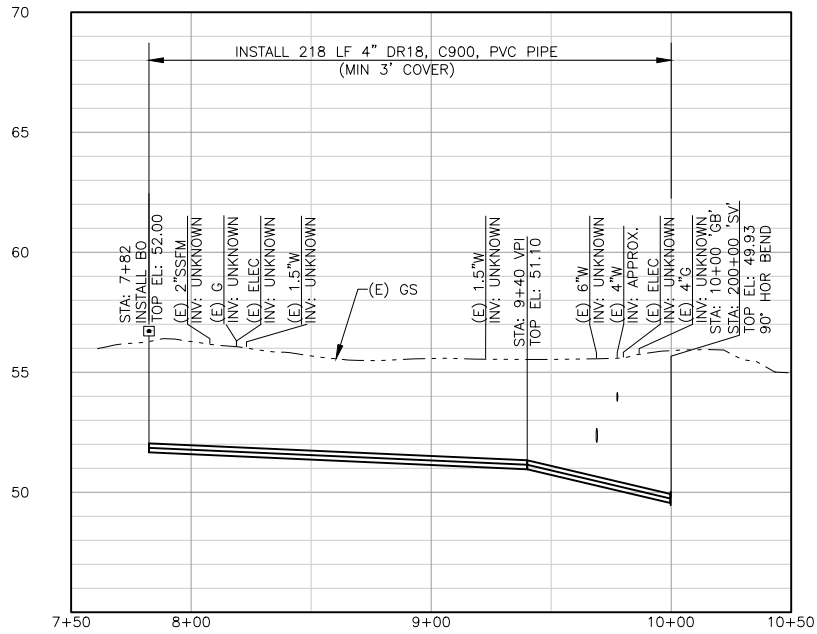
DATE: \_\_\_\_\_ SHEET NO  
8 of 33



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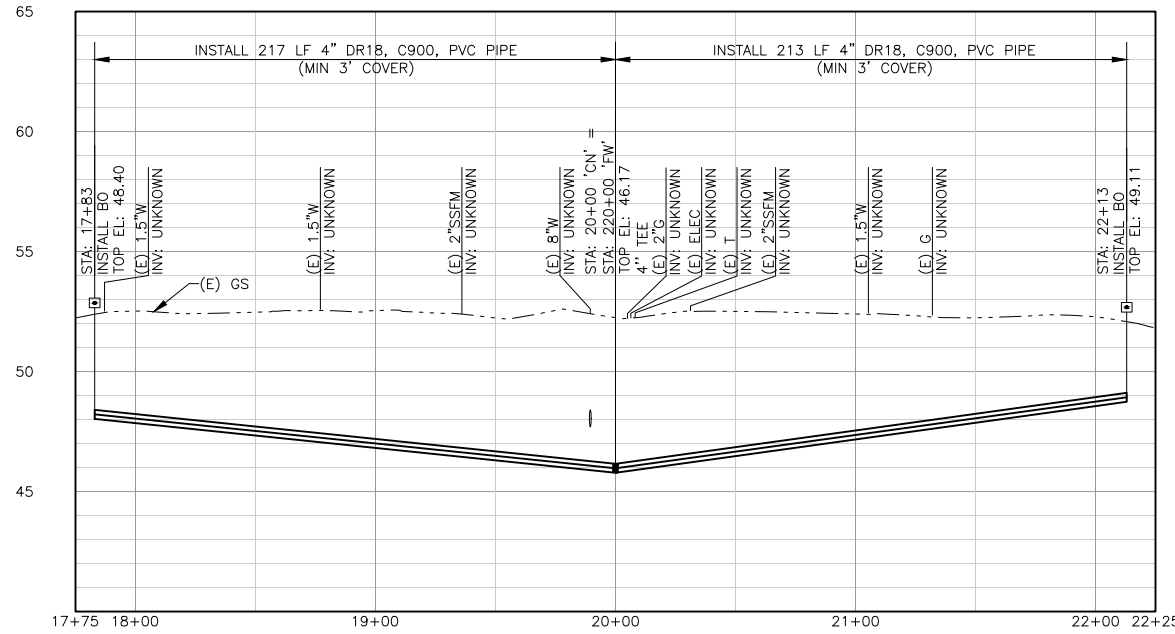


NOTE:  
THESE CITY OF DAVIS POTABLE WATER SYSTEM IMPROVEMENTS SHALL BE INSTALLED AND OPERATED WITH NO CROSS-CONNECTION TO THE EXISTING WELL WATER SYSTEM. SEE WATER GENERAL NOTE 1 ON G02.



LINE 'GB' PROFILE

SCALE: H:1"=40', V:1"=4'



LINE 'CN' PROFILE

SCALE: H:1"=40', V:1"=4'

CONSTRUCTION NOTES:

- 1 INSTALL WATER PIPE (DIAMETER)
- 2 INSTALL GATE VALVE (SIZE)
- 3 INSTALL HORIZONTAL BEND (SIZE/ANGLE)
- 5 INSTALL TEE (SIZE)
- 8 INSTALL 2-INCH BLOW-OFF ASSEMBLY PER DETAIL 3/SHT 7
- 9 INSTALL WATER SERVICE LATERAL (SIZE)
- 10 INSTALL 3/4"-INCH METER WITH VALVES AND BOX PER DETAIL 2/SHT 7
- 11 INSTALL BACKFLOW PREVENTION ASSEMBLY WITH INSULATION AND PROTECTIVE COVER PER CITY OF DAVIS STD DETAIL 101-11 (SIZE)
- 17 INSTALL WATER SAMPLING STATION COMPLETE WITH 1-INCH SERVICE PER CITY OF DAVIS STANDARD DETAIL 101-10

PRELIMINARY / 90% SUBMITTAL

DESIGNED	AJU				
DRAWN	JRR				
CHECKED	NAM				
NO.	BY	DATE	REVISION	APP'D	DATE

DESIGN ENGINEER  
BY ASA J. UTTERBACK  
ENGINEER'S NAME  
DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017

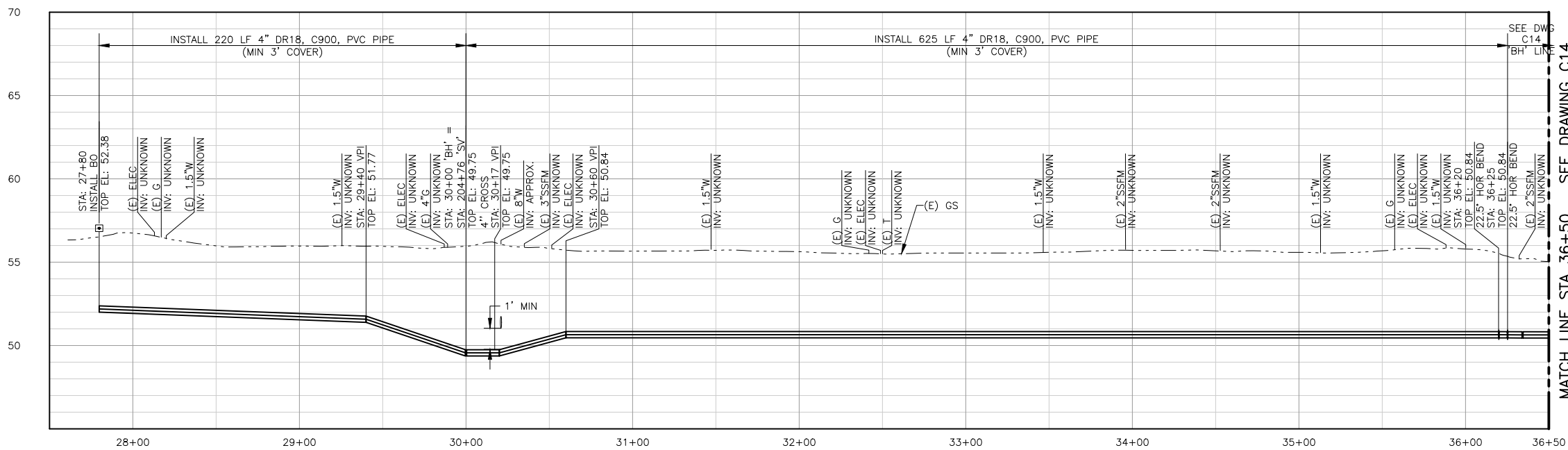
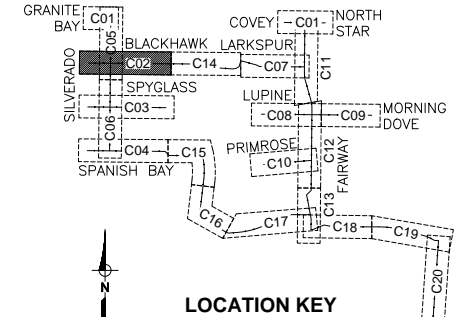
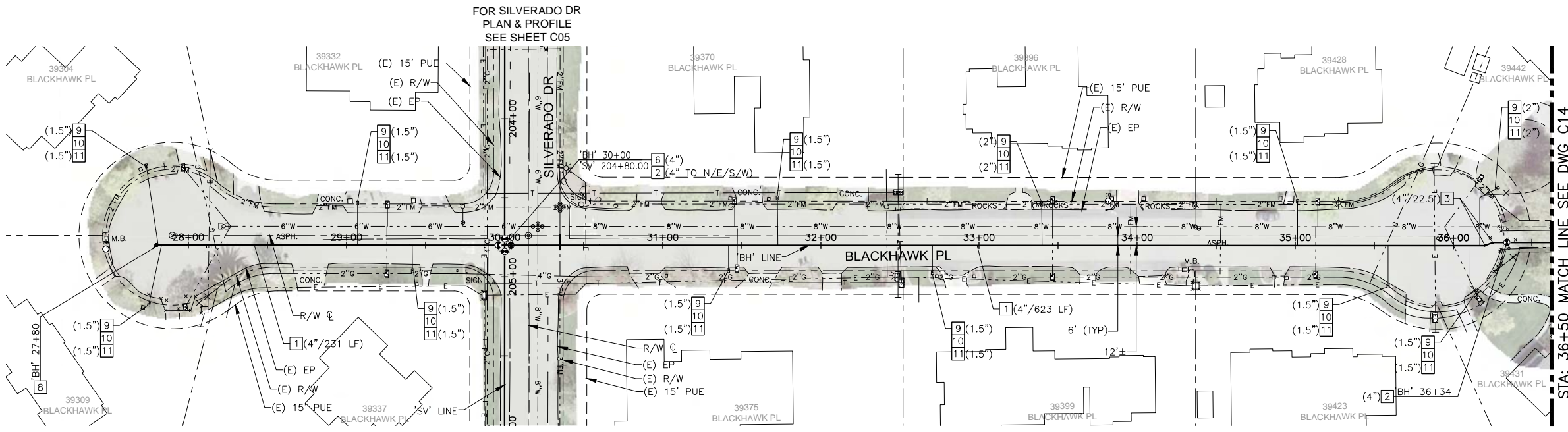


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IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT  
**GRANITE BAY PL - COVEY CT -  
NORTH STAR PL PLAN AND PROFILE**

SCALE  
AS SHOWN  
DATE:  
DWG NO  
**C01**  
SHEET NO  
**9 of 33**

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- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 2 INSTALL GATE VALVE (SIZE)
  - 3 INSTALL HORIZONTAL BEND (SIZE/ANGLE)
  - 6 INSTALL CROSS (SIZE)
  - 8 INSTALL 2-INCH BLOW-OFF ASSEMBLY PER DETAIL 3/SHT 7
  - 9 INSTALL WATER SERVICE LATERAL (SIZE)
  - 10 INSTALL 3/4"-INCH METER WITH VALVES AND BOX PER DETAIL 2/SHT 7
  - 11 INSTALL BACKFLOW PREVENTION ASSEMBLY WITH INSULATION AND PROTECTIVE COVER PER CITY OF DAVIS STD DETAIL 101-11 (SIZE)

PRELIMINARY / 90% SUBMITTAL

DESIGNED	AJU				
DRAWN	JRR				
CHECKED	NAM				
NO.	BY	DATE	REVISION	APP'D	DATE

DESIGN ENGINEER  
 BY ASA J. UTTERBACK  
 ENGINEER'S NAME  
 DATE July, YYYY P.E. C57700  
 REGISTRATION EXPIRES 12/31/2017

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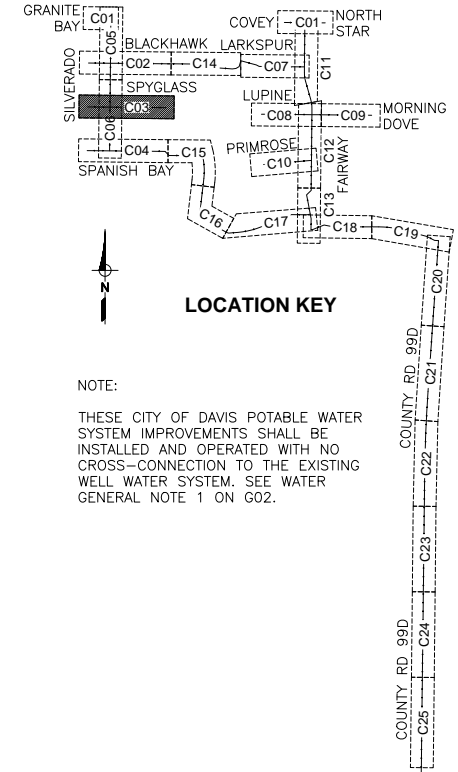
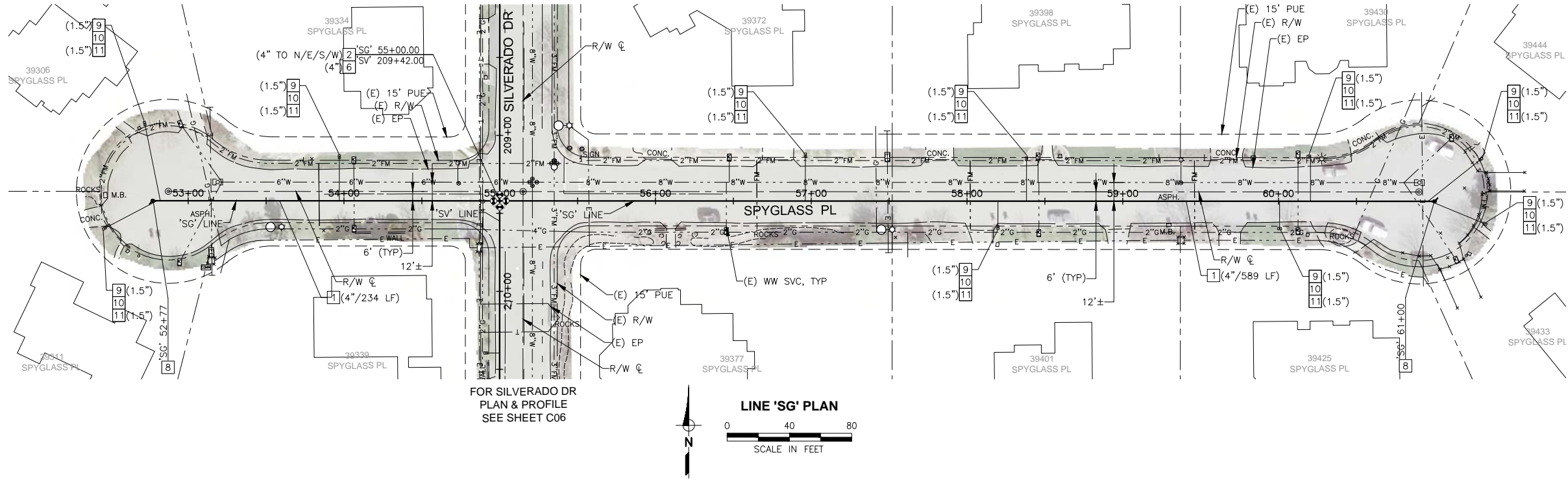
2020 Research Park Drive  
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 FAX (530) 756-5991

IMPROVEMENT PLANS FOR  
 NORTH DAVIS MEADOWS WATER  
 SYSTEM CONSOLIDATION PROJECT

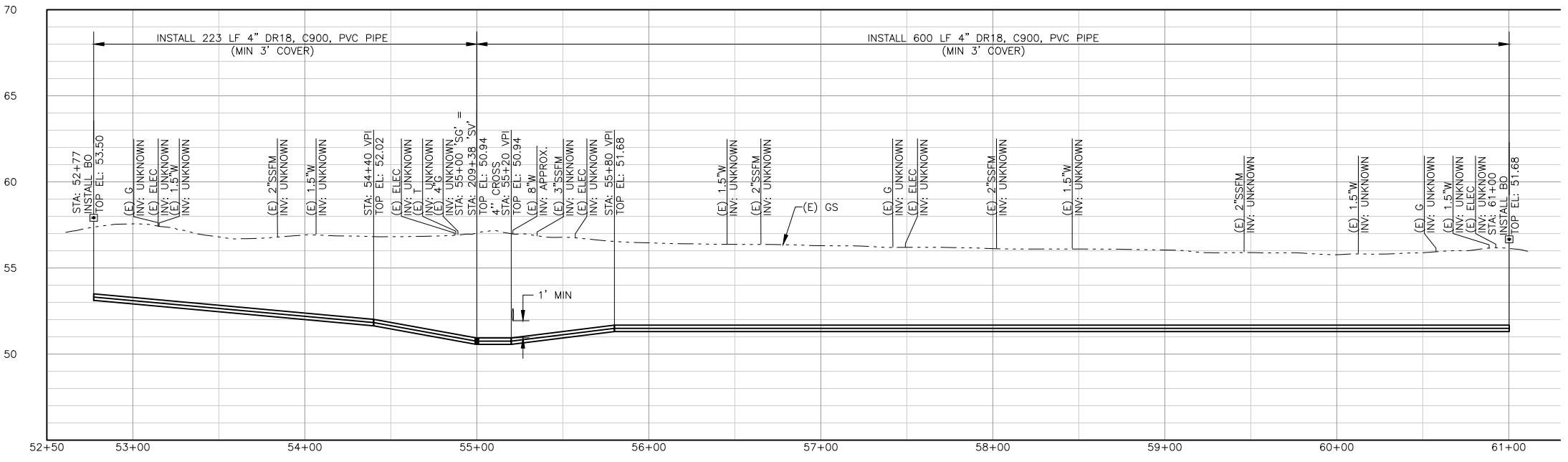
**BLACKHAWK PL PLAN AND PROFILE**

SCALE	DWG NO
AS SHOWN	C02
DATE:	SHEET NO
	10 of 33

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NOTE:  
THESE CITY OF DAVIS POTABLE WATER SYSTEM IMPROVEMENTS SHALL BE INSTALLED AND OPERATED WITH NO CROSS-CONNECTION TO THE EXISTING WELL WATER SYSTEM. SEE WATER GENERAL NOTE 1 ON G02.



LINE 'SG' PROFILE  
SCALE: H:1"=40', V:1"=4'

- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 2 INSTALL GATE VALVE (SIZE)
  - 6 INSTALL CROSS (SIZE)
  - 8 INSTALL 2-INCH BLOW-OFF ASSEMBLY PER DETAIL 3/SHT 7
  - 9 INSTALL WATER SERVICE LATERAL (SIZE)
  - 10 INSTALL 3/4-INCH METER WITH VALVES AND BOX PER DETAIL 2/SHT 7
  - 11 INSTALL BACKFLOW PREVENTION ASSEMBLY WITH INSULATION AND PROTECTIVE COVER PER CITY OF DAVIS STD DETAIL 101-11 (SIZE)

PRELIMINARY / 90% SUBMITTAL

DESIGNED	AJU				
DRAWN	JRR				
CHECKED	NAM				
NO.	BY	DATE	REVISION	APP'D	DATE

DESIGN ENGINEER  
BY ASA J. UTTERBACK  
ENGINEER'S NAME  
DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017



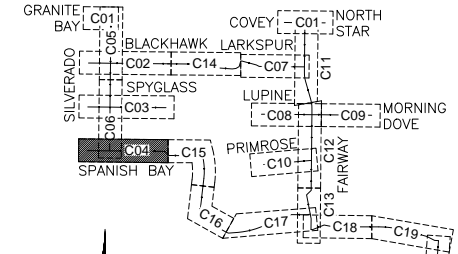
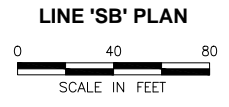
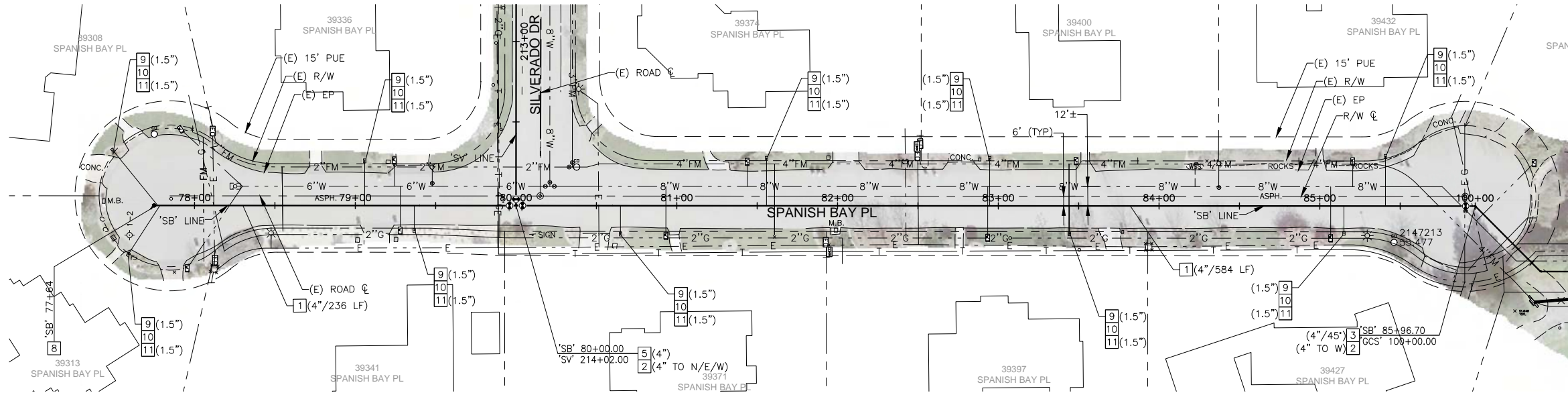
**WEST YOST ASSOCIATES**  
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IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT  
**SPYGLASS PL PLAN AND PROFILE**

SCALE  
AS SHOWN  
DATE:  
DWG NO  
**C03**  
SHEET NO  
**11 of 33**

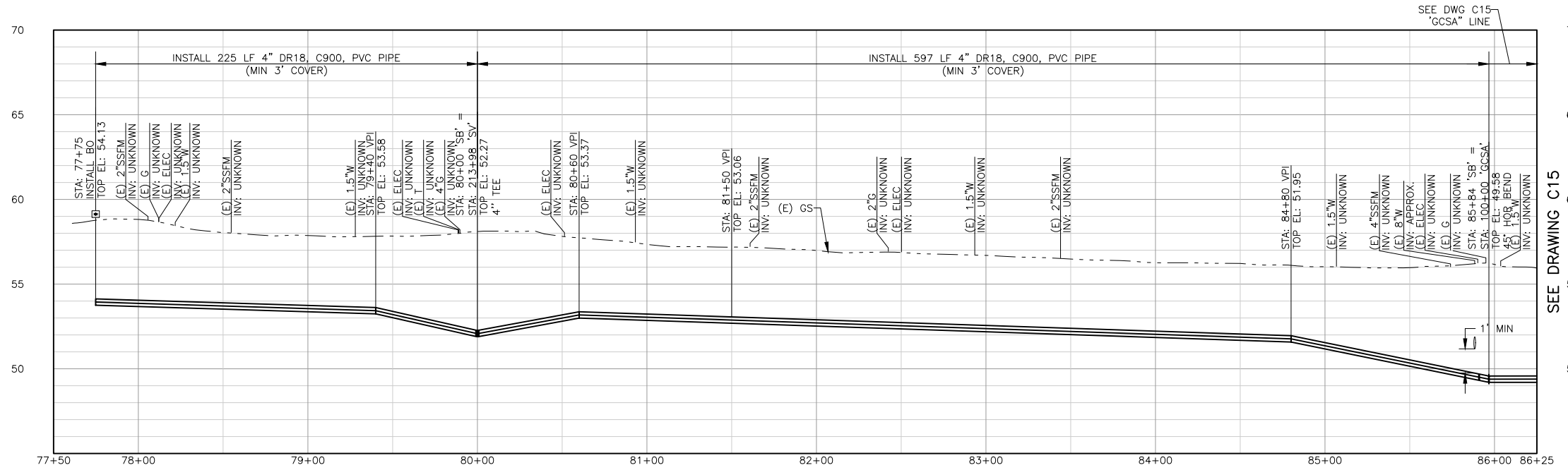
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FOR SILVERADO DR  
PLAN & PROFILE  
SEE SHEET C06



NOTE:  
THESE CITY OF DAVIS POTABLE WATER SYSTEM IMPROVEMENTS SHALL BE INSTALLED AND OPERATED WITH NO CROSS-CONNECTION TO THE EXISTING WELL WATER SYSTEM. SEE WATER GENERAL NOTE 1 ON G02.

SEE DRAWING C15



LINE 'SB' PROFILE  
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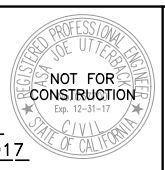
SEE DRAWING C15

- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 2 INSTALL GATE VALVE (SIZE)
  - 3 INSTALL HORIZONTAL BEND (SIZE/ANGLE)
  - 5 INSTALL TEE (SIZE)
  - 8 INSTALL 2-INCH BLOW-OFF ASSEMBLY PER DETAIL 3/SHT 7
  - 9 INSTALL WATER SERVICE LATERAL (SIZE)
  - 10 INSTALL 3/4-INCH METER WITH VALVES AND BOX PER DETAIL 2/SHT 7
  - 11 INSTALL BACKFLOW PREVENTION ASSEMBLY WITH INSULATION AND PROTECTIVE COVER PER CITY OF DAVIS STD DETAIL 101-11 (SIZE)

PRELIMINARY / 90% SUBMITTAL

DESIGNED_AJU					
DRAWN_JRR					
CHECKED_NAM					
NO.	BY	DATE	REVISION	APP'D	DATE

DESIGN ENGINEER  
BY ASA J. UTTERBACK  
ENGINEER'S NAME  
DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017

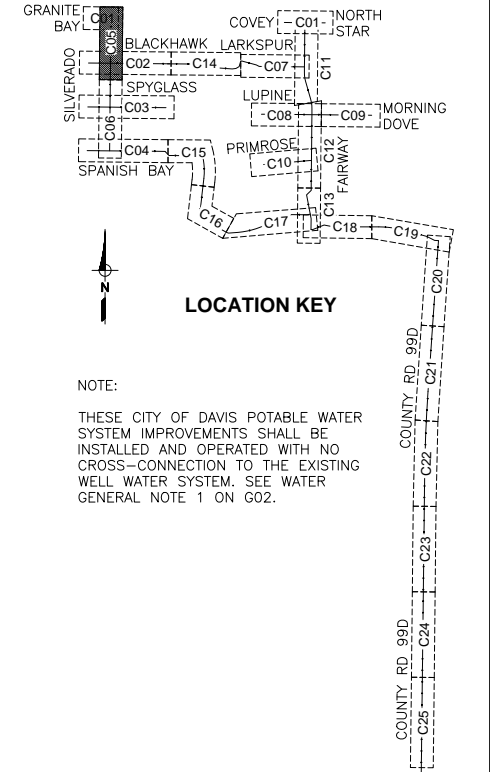
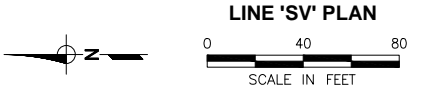
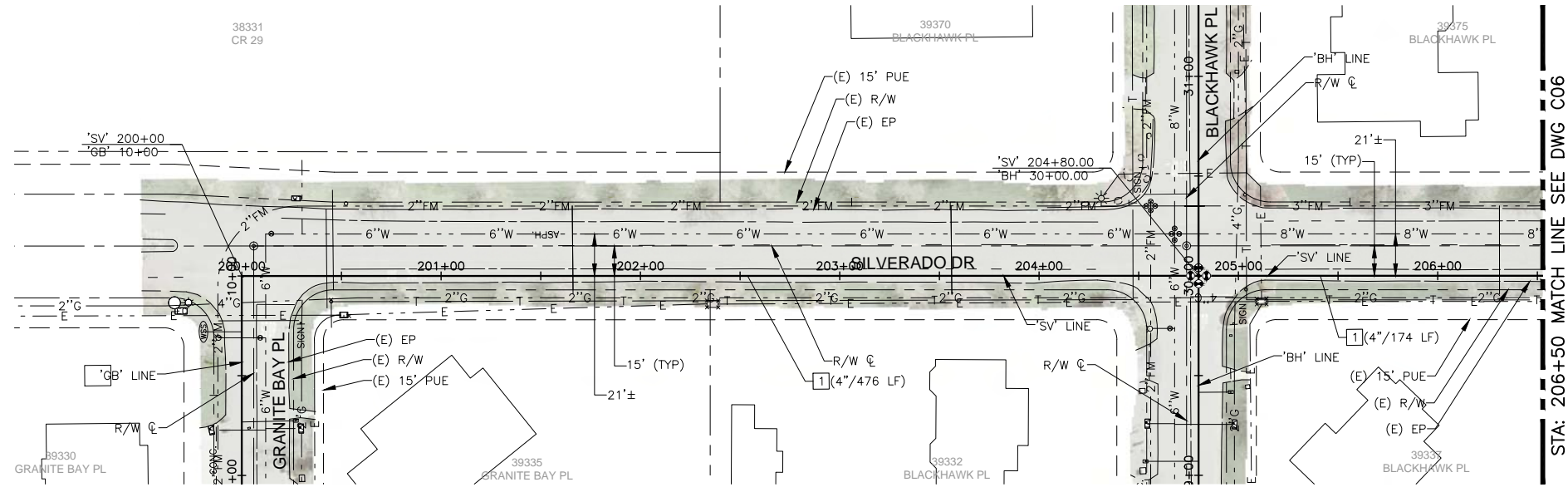


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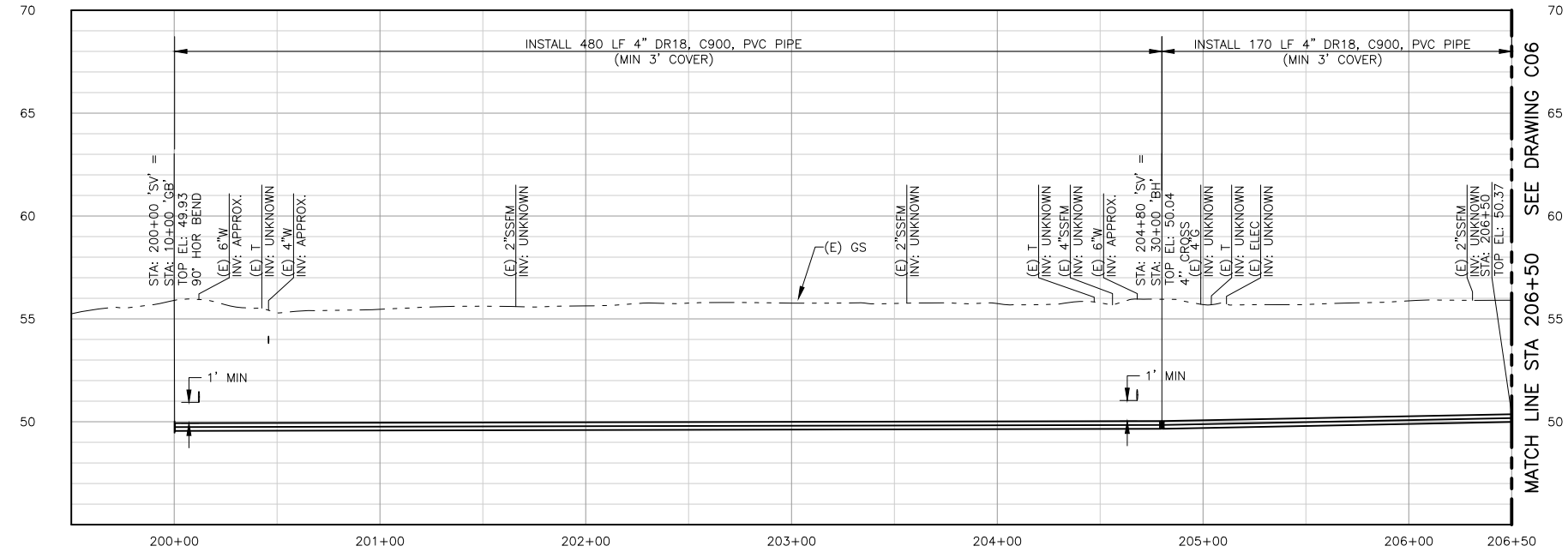
IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT  
SPANISH BAY PL PLAN AND PROFILE

SCALE AS SHOWN	DWG NO C04
DATE:	SHEET NO 12 of 33

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NOTE:  
THESE CITY OF DAVIS POTABLE WATER SYSTEM IMPROVEMENTS SHALL BE INSTALLED AND OPERATED WITH NO CROSS-CONNECTION TO THE EXISTING WELL WATER SYSTEM. SEE WATER GENERAL NOTE 1 ON G02.



LINE 'SV' PROFILE  
SCALE: H:1"=40', V:1"=4'

- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 2 INSTALL GATE VALVE (SIZE)
  - 3 INSTALL HORIZONTAL BEND (SIZE/ANGLE)
  - 6 INSTALL CROSS (SIZE)

PRELIMINARY / 90% SUBMITTAL

DESIGNED	AJU				
DRAWN	JRR				
CHECKED	NAM				
	NO.	BY	DATE	REVISION	APP'D DATE

DESIGN ENGINEER  
BY ASA J. UTTERBACK  
ENGINEER'S NAME  
DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017



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IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT

SILVERADO DR PLAN AND PROFILE 1

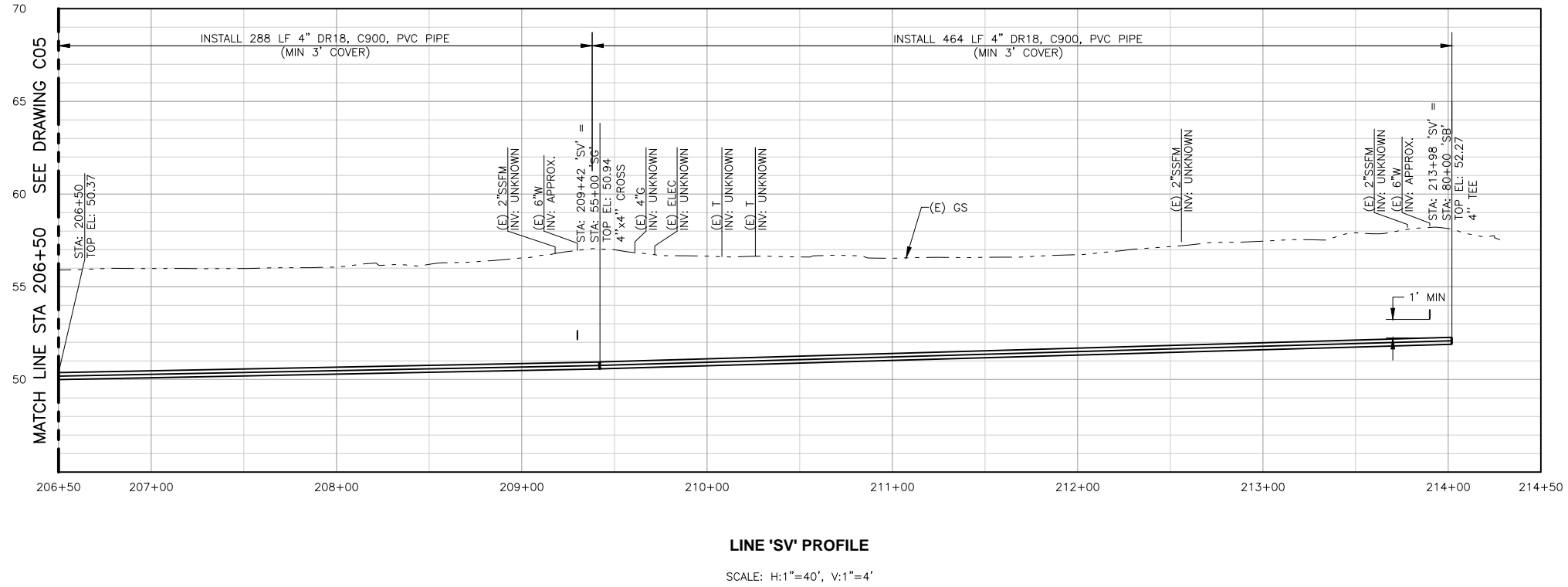
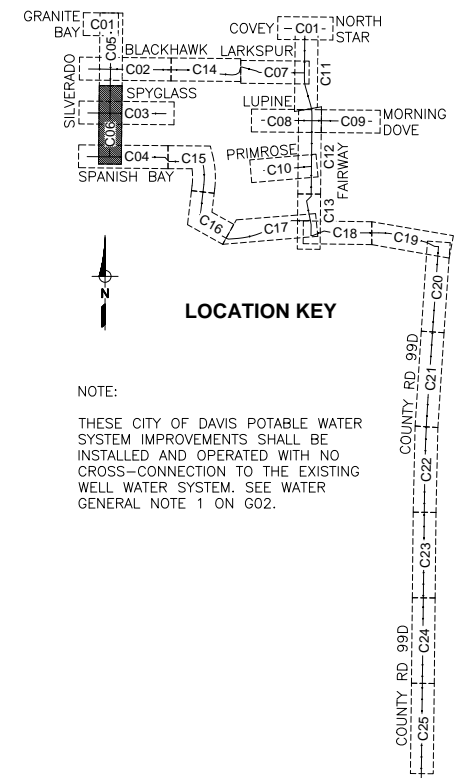
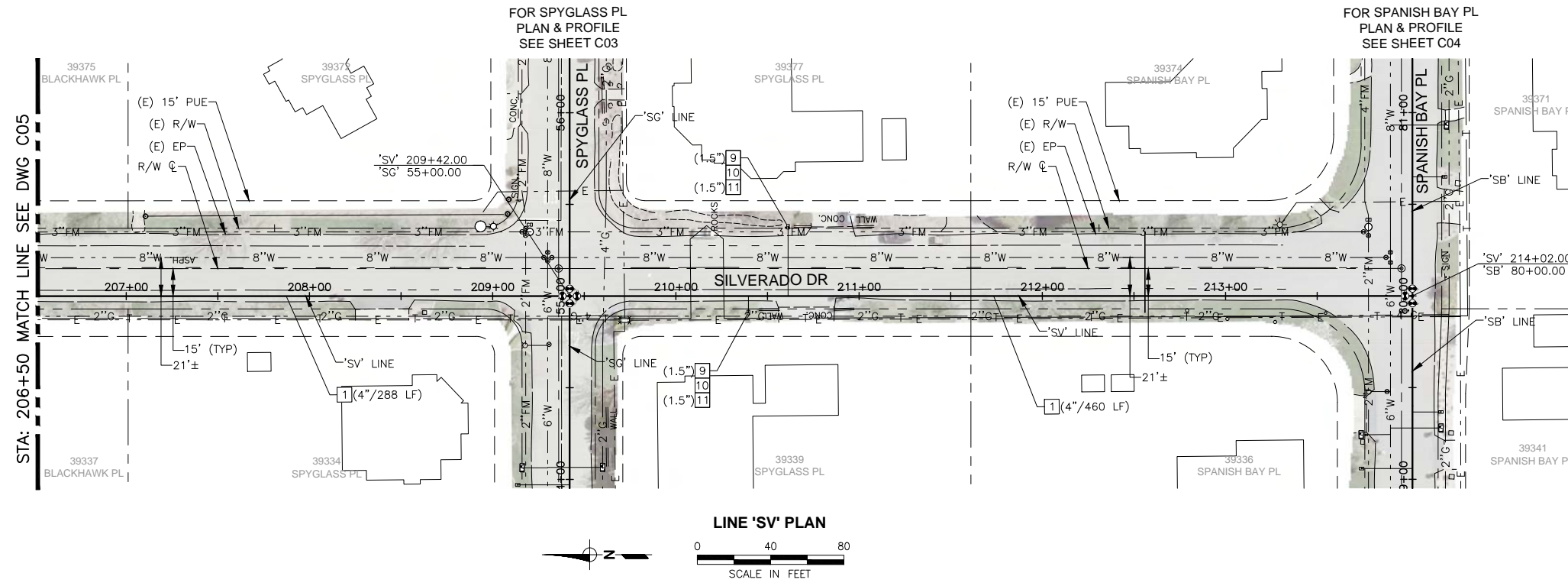
SCALE  
AS SHOWN

DWG NO  
C05

DATE:

SHEET NO  
13 of 33

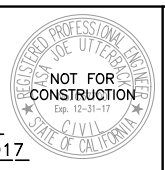
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- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 2 INSTALL GATE VALVE (SIZE)
  - 5 INSTALL TEE (SIZE)
  - 6 INSTALL CROSS (SIZE)
  - 9 INSTALL WATER SERVICE LATERAL (SIZE)
  - 10 INSTALL 3/4"-INCH METER WITH VALVES AND BOX PER DETAIL 2/SHT 7
  - 11 INSTALL BACKFLOW PREVENTION ASSEMBLY WITH INSULATION AND PROTECTIVE COVER PER CITY OF DAVIS STD DETAIL 101-11 (SIZE)

DESIGNED_AJU					
DRAWN_JRR					
CHECKED_NAM					
NO.	BY	DATE	REVISION	APP'D	DATE

DESIGN ENGINEER  
 BY ASA J. UTTERBACK  
 ENGINEER'S NAME  
 DATE July, YYYY P.E. C57700  
 REGISTRATION EXPIRES 12/31/2017



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IMPROVEMENT PLANS FOR  
 NORTH DAVIS MEADOWS WATER  
 SYSTEM CONSOLIDATION PROJECT

SILVERADO DR PLAN AND PROFILE 2

PRELIMINARY / 90% SUBMITTAL

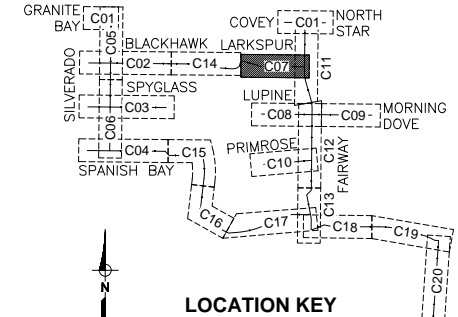
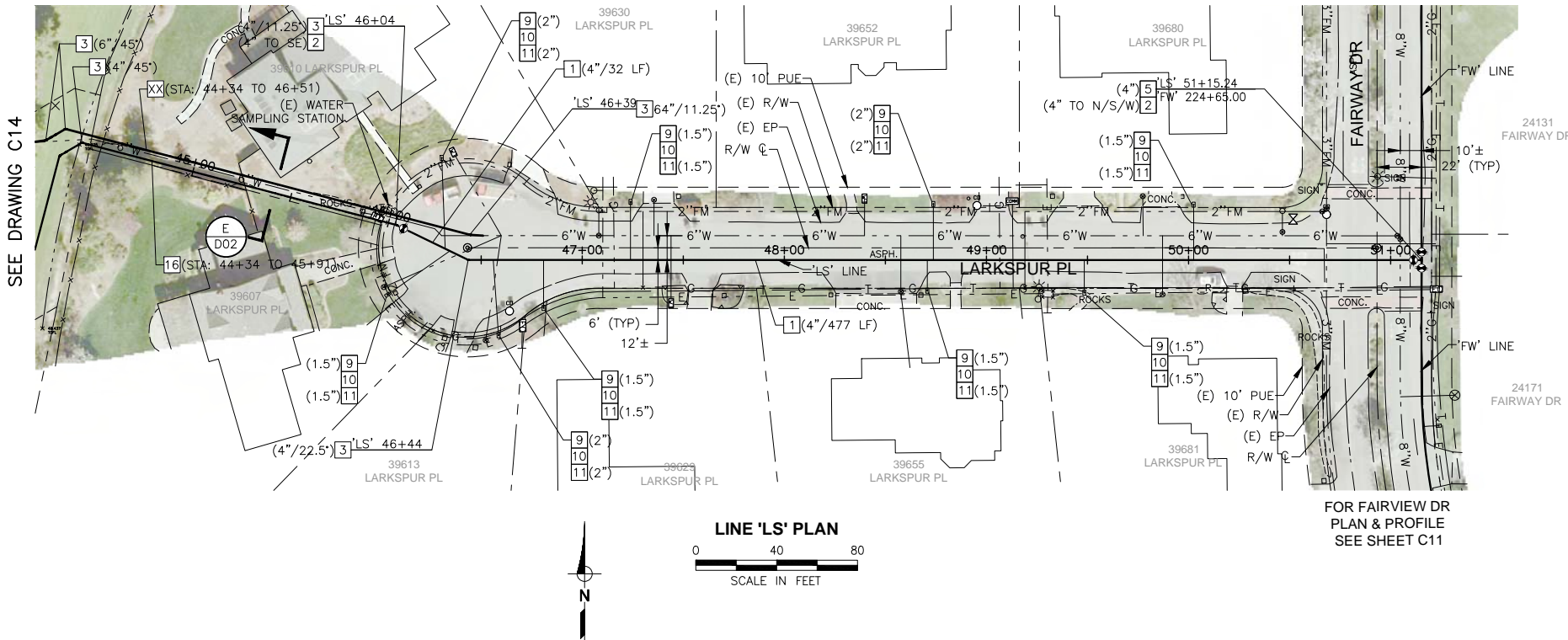
SCALE  
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DWG NO  
**C06**

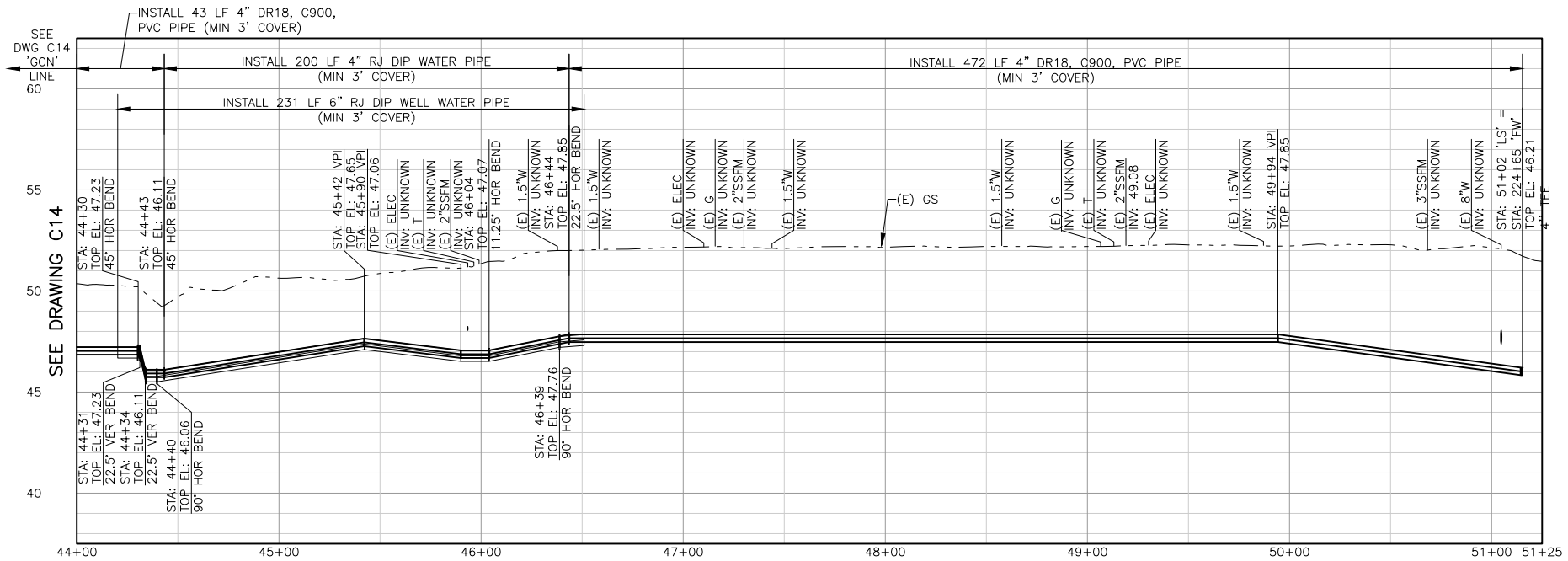
DATE:

SHEET NO  
 14 of 33

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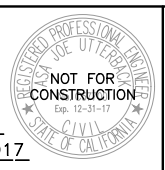
NOTE:  
THESE CITY OF DAVIS POTABLE WATER SYSTEM IMPROVEMENTS SHALL BE INSTALLED AND OPERATED WITH NO CROSS-CONNECTION TO THE EXISTING WELL WATER SYSTEM. SEE WATER GENERAL NOTE 1 ON G02.



- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 2 INSTALL GATE VALVE (SIZE)
  - 3 INSTALL HORIZONTAL BEND (SIZE/ANGLE)
  - 5 INSTALL TEE (SIZE)
  - 9 INSTALL WATER SERVICE LATERAL (SIZE)
  - 10 INSTALL 3/4"-INCH METER WITH VALVES AND BOX PER DETAIL 2/SHT 7
  - 11 INSTALL BACKFLOW PREVENTION ASSEMBLY WITH INSULATION AND PROTECTIVE COVER PER CITY OF DAVIS STD DETAIL 101-11 (SIZE)
  - 16 INSTALL 4"-INCH RJ DUCTILE IRON WATER PIPE (STA TO STA)

DESIGNED	AJU				
DRAWN	JRR				
CHECKED	NAM				
	NO.	BY	DATE	REVISION	APP'D DATE

DESIGN ENGINEER  
 BY ASA J. UTTERBACK  
 ENGINEER'S NAME  
 DATE July, YYYY P.E. C57700  
 REGISTRATION EXPIRES 12/31/2017



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IMPROVEMENT PLANS FOR  
 NORTH DAVIS MEADOWS WATER  
 SYSTEM CONSOLIDATION PROJECT

LARKSPUR PL PLAN AND PROFILE

PRELIMINARY / 90% SUBMITTAL

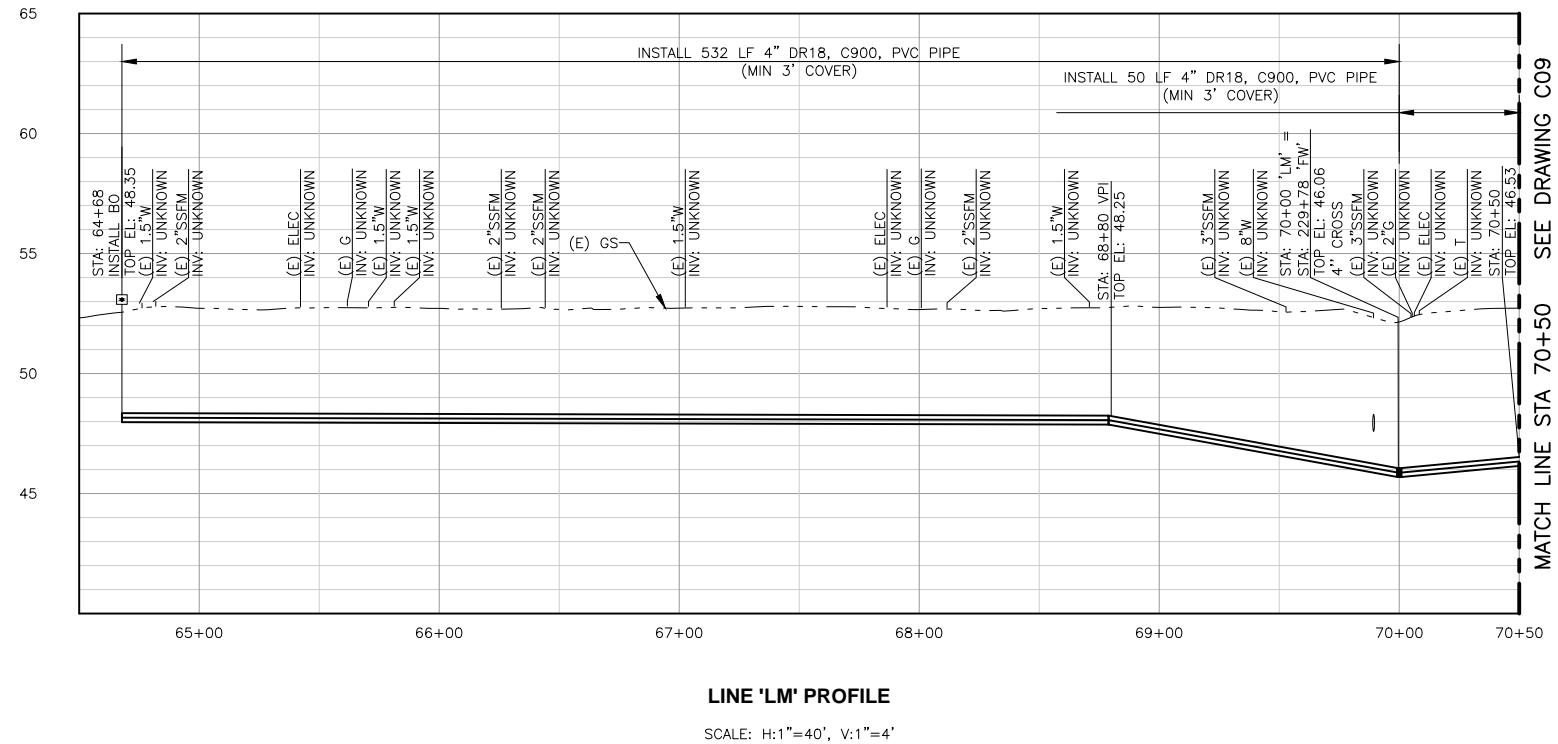
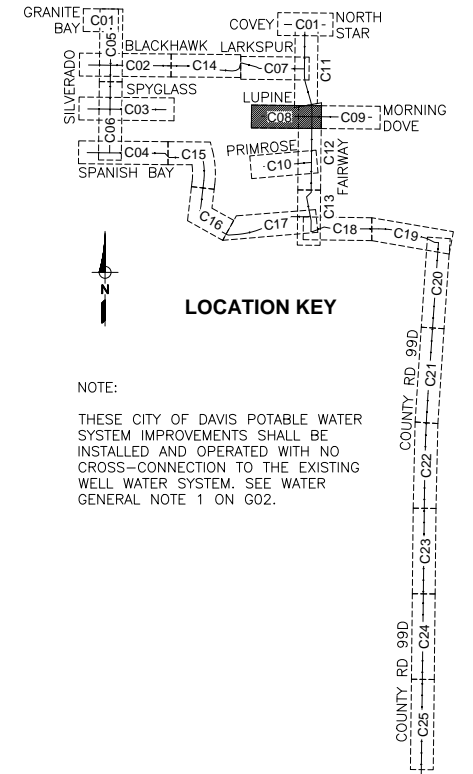
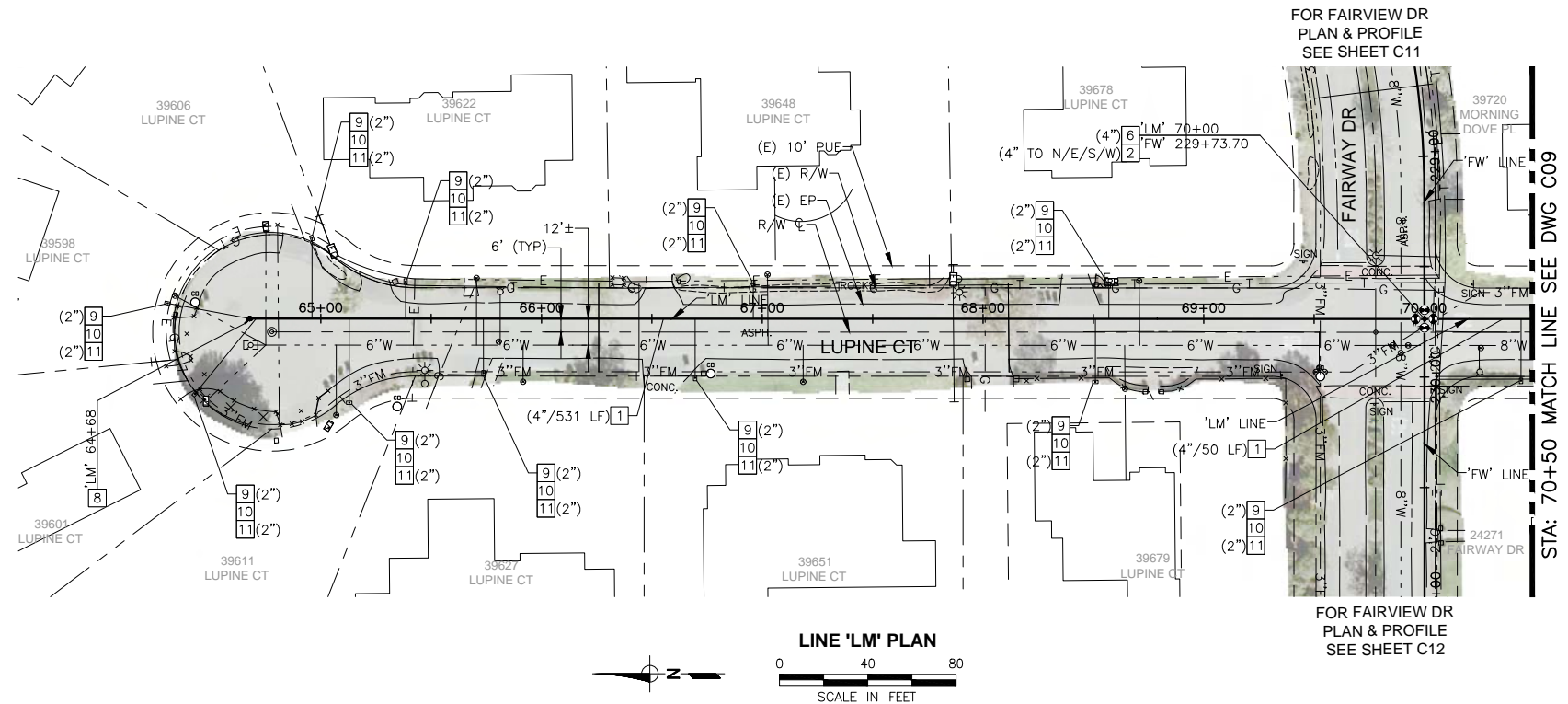
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DWG NO  
**C07**

DATE:

SHEET NO  
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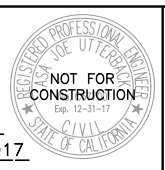


- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 2 INSTALL GATE VALVE (SIZE)
  - 6 INSTALL CROSS (SIZE)
  - 8 INSTALL 2-INCH BLOW-OFF ASSEMBLY PER DETAIL 3/SHT 7
  - 9 INSTALL WATER SERVICE LATERAL (SIZE)
  - 10 INSTALL 3/4"-INCH METER WITH VALVES AND BOX PER DETAIL 2/SHT 7
  - 11 INSTALL BACKFLOW PREVENTION ASSEMBLY WITH INSULATION AND PROTECTIVE COVER PER CITY OF DAVIS STD DETAIL 101-11 (SIZE)

**PRELIMINARY / 90% SUBMITTAL**

DESIGNED_AJU					
DRAWN_JRR					
CHECKED_NAM					
NO.	BY	DATE	REVISION	APP'D	DATE

DESIGN ENGINEER  
BY ASA J. UTTERBACK  
ENGINEER'S NAME  
DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017



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IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT

LUPINE COURT PLAN AND PROFILE

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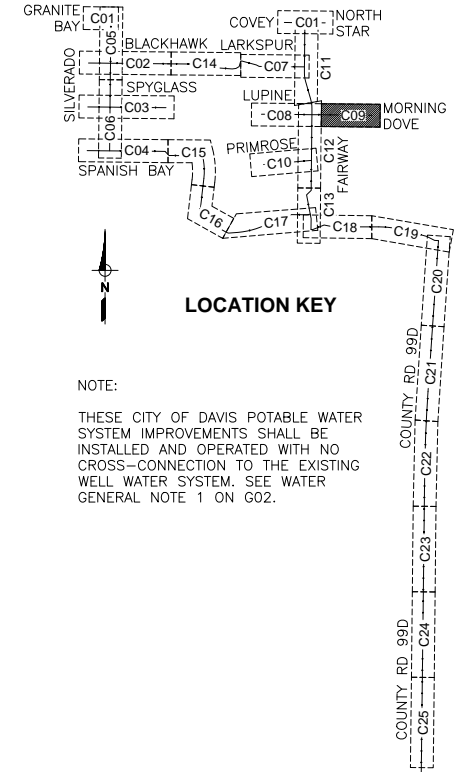
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**C08**

DATE:

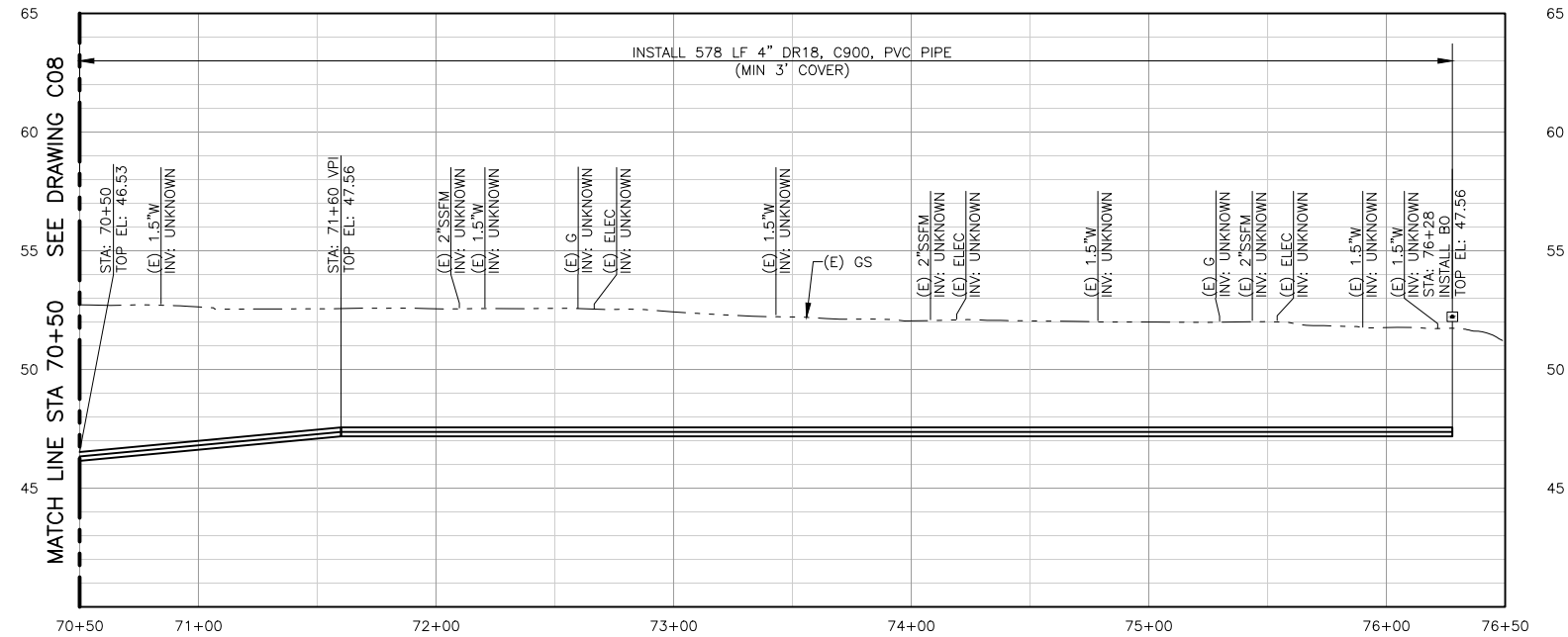
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**16 of 33**



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NOTE:  
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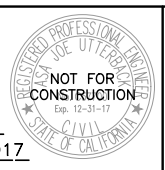
LINE 'LM' PROFILE  
SCALE: H:1"=40', V:1"=4'

- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 8 INSTALL 2-INCH BLOW-OFF ASSEMBLY PER DETAIL 3/SHT 7
  - 9 INSTALL WATER SERVICE LATERAL (SIZE)
  - 10 INSTALL 3/4"-INCH METER WITH VALVES AND BOX PER DETAIL 2/SHT 7
  - 11 INSTALL BACKFLOW PREVENTION ASSEMBLY WITH INSULATION AND PROTECTIVE COVER PER CITY OF DAVIS STD DETAIL 101-11 (SIZE)

PRELIMINARY / 90% SUBMITTAL

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DRAWN_JRR					
CHECKED_NAM					
	NO.	BY	DATE	REVISION	APP'D DATE

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BY ASA J. UTTERBACK  
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DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017

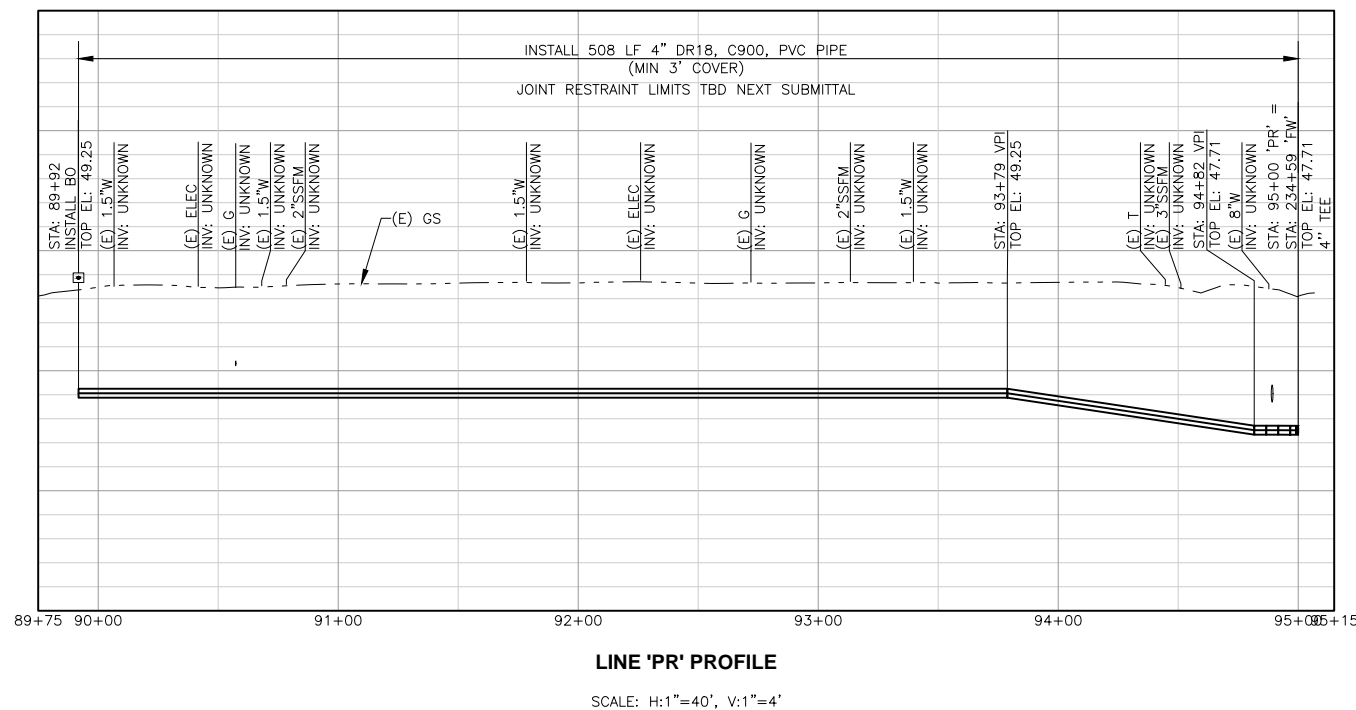
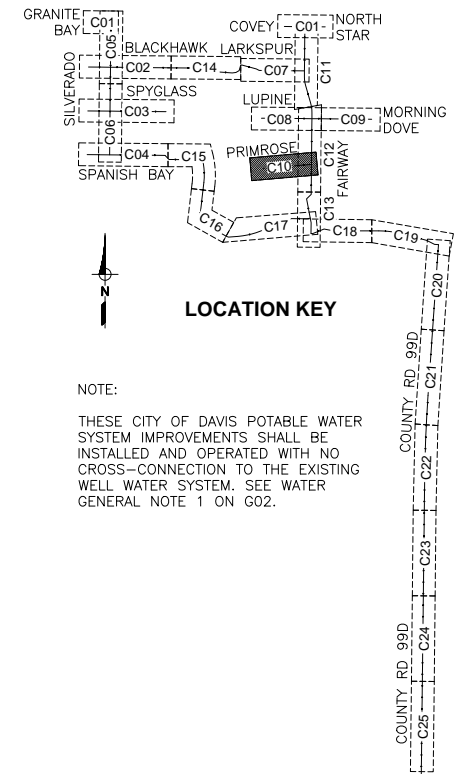
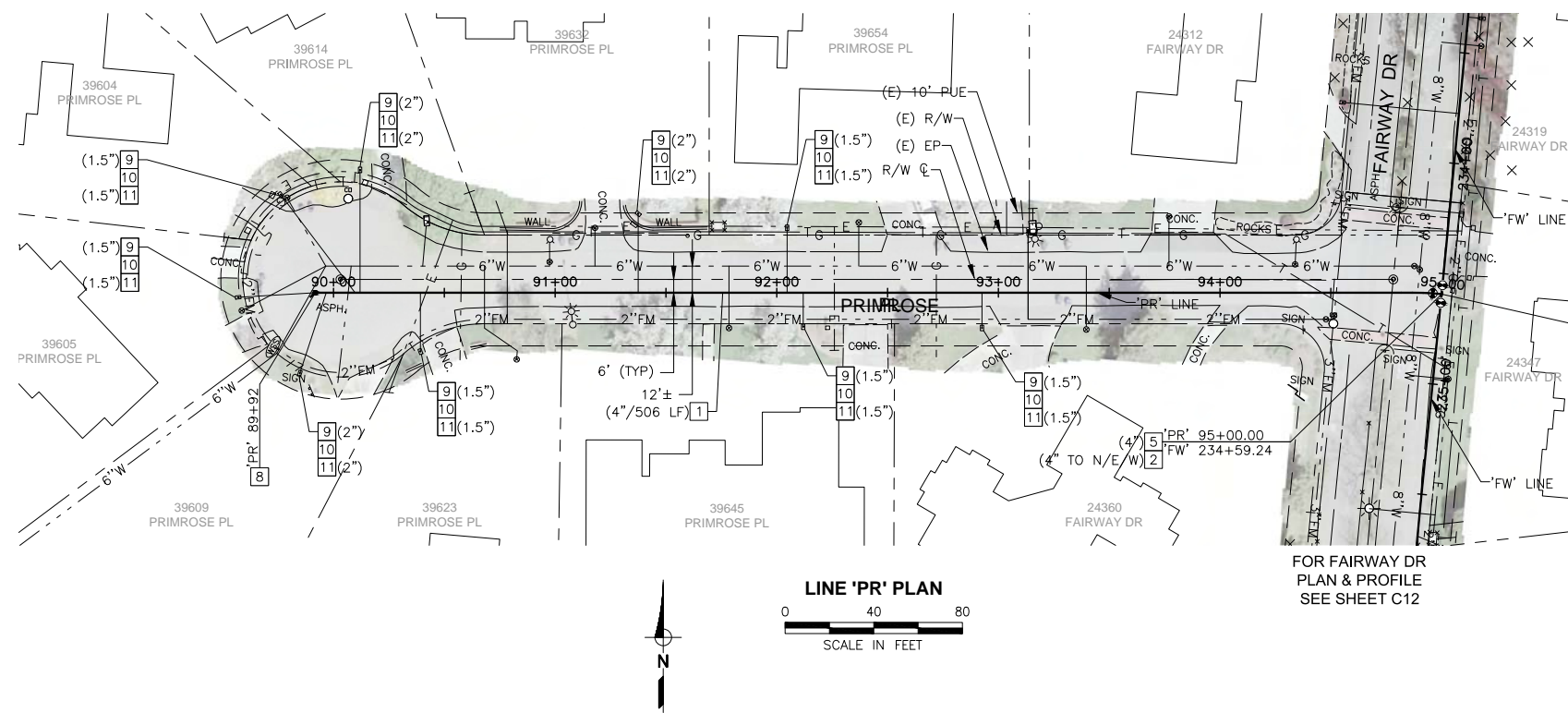


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IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT  
MORNING DOVE PL PLAN AND PROFILE

SCALE  
AS SHOWN  
DATE:  
DWG NO  
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SHEET NO  
17 of 33

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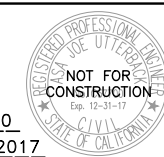
**CONSTRUCTION NOTES:**

- 1 INSTALL WATER PIPE (DIAMETER/LENGTH)
- 2 INSTALL GATE VALVE (SIZE)
- 5 INSTALL TEE (SIZE)
- 8 INSTALL 2-INCH BLOW-OFF ASSEMBLY PER DETAIL 3/SHT 7
- 9 INSTALL WATER SERVICE LATERAL (SIZE)
- 10 INSTALL 3/4-INCH METER WITH VALVES AND BOX PER DETAIL 2/SHT 7
- 11 INSTALL BACKFLOW PREVENTION ASSEMBLY WITH INSULATION AND PROTECTIVE COVER PER CITY OF DAVIS STD DETAIL 101-11 (SIZE)

**PRELIMINARY / 90% SUBMITTAL**

DESIGNED_AJU					
DRAWN_JRR					
CHECKED_NAM					
	NO.	BY	DATE	REVISION	APP'D DATE

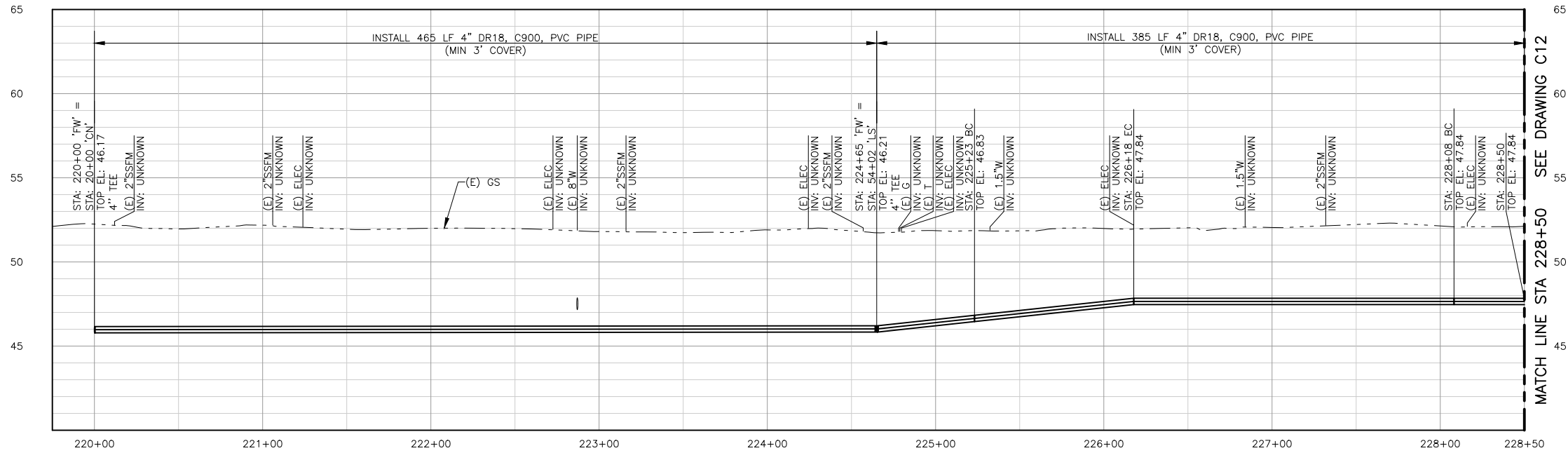
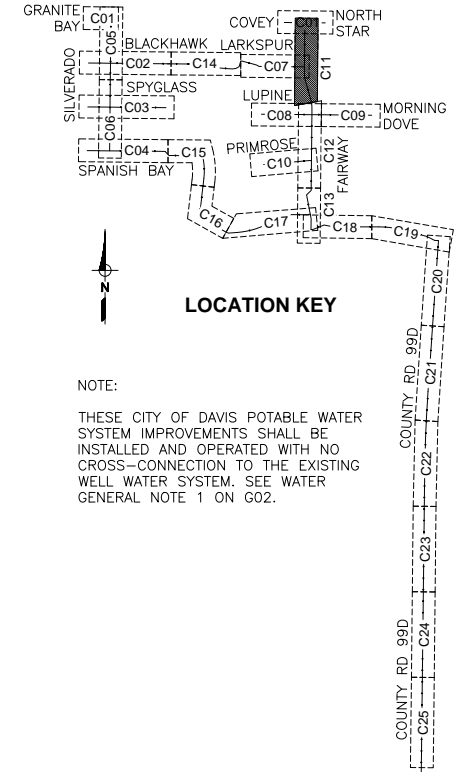
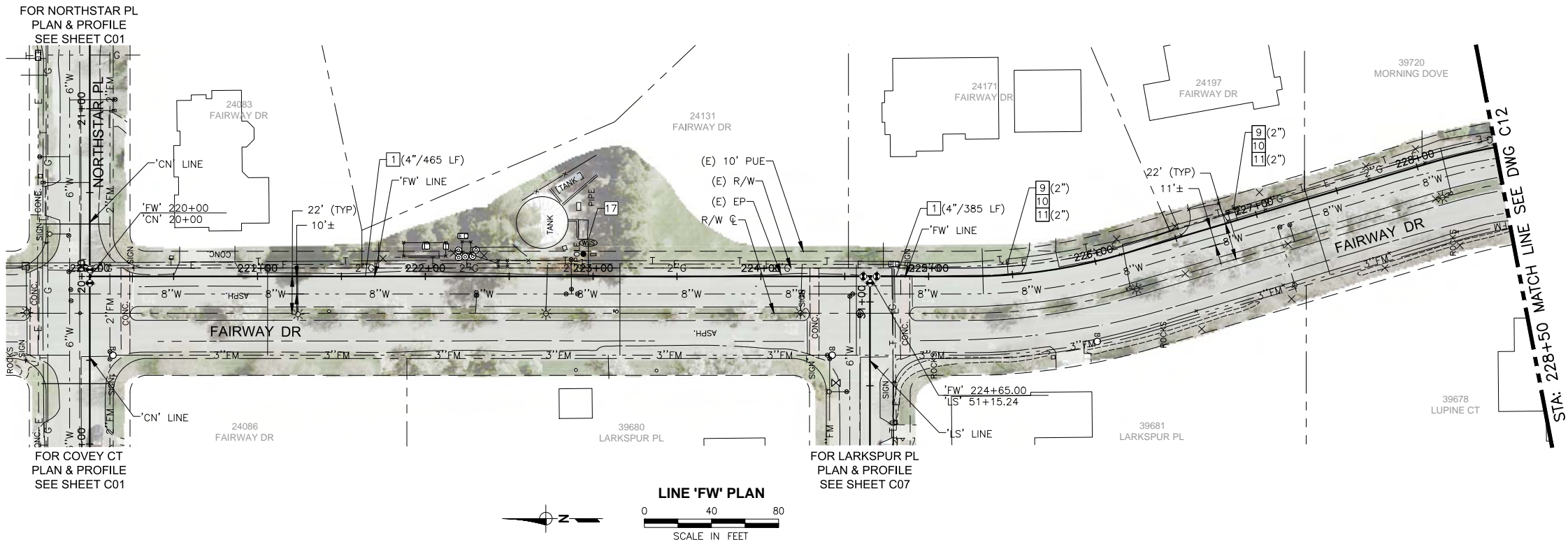
DESIGN ENGINEER  
 BY ASA J. UTTERBACK  
 ENGINEER'S NAME  
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IMPROVEMENT PLANS FOR NORTH DAVIS MEADOWS WATER SYSTEM CONSOLIDATION PROJECT		SCALE AS SHOWN	DWG NO C10
PRIMROSE PL PLAN AND PROFILE		DATE:	SHEET NO 18 of 33

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- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER/LENGTH)
  - 2 INSTALL GATE VALVE (SIZE)
  - 5 INSTALL TEE (SIZE)
  - 9 INSTALL WATER SERVICE LATERAL (SIZE)
  - 10 INSTALL 3/4"-INCH METER WITH VALVES AND BOX PER DETAIL 2/SHT 7
  - 11 INSTALL BACKFLOW PREVENTION ASSEMBLY WITH INSULATION AND PROTECTIVE COVER PER CITY OF DAVIS STD DETAIL 101-11 (SIZE)
  - 17 INSTALL WATER SAMPLING STATION COMPLETE WITH 1-INCH SERVICE PER CITY OF DAVIS STANDARD DETAIL 101-10

PRELIMINARY / 90% SUBMITTAL

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CHECKED	NAM				
NO.	BY	DATE	REVISION	APP'D	DATE

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IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT

FAIRWAY DR PLAN AND PROFILE 1

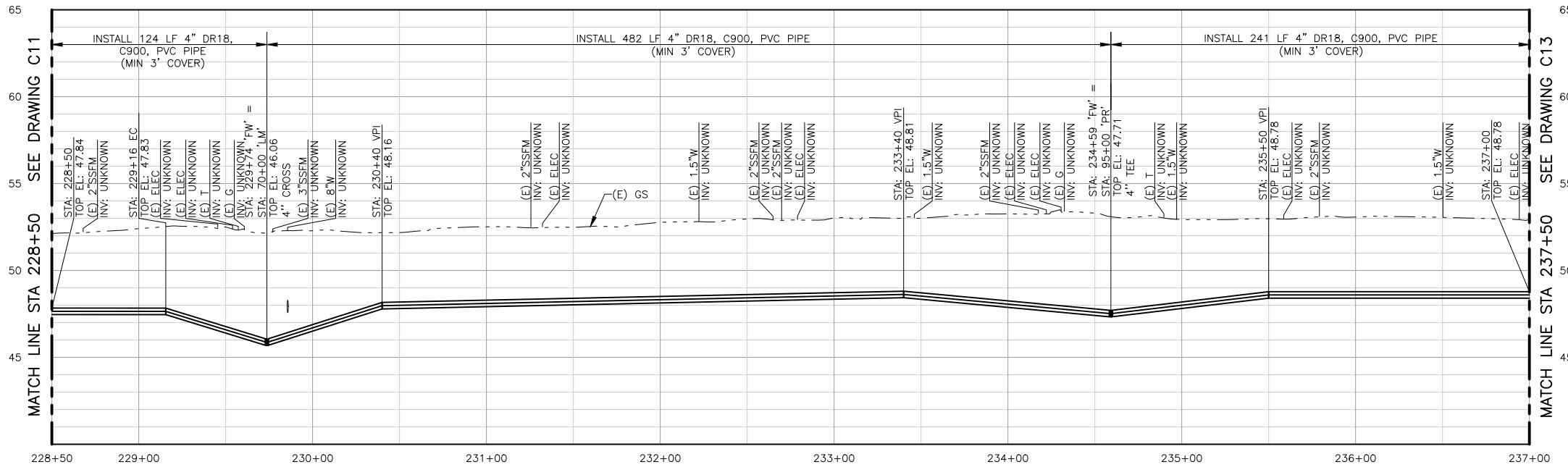
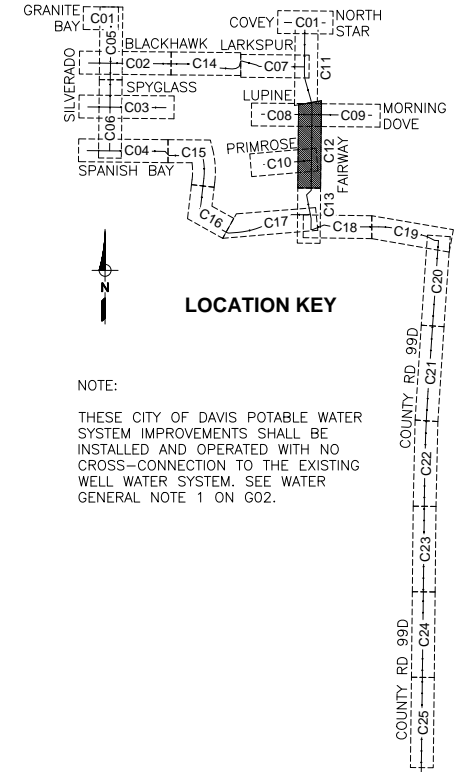
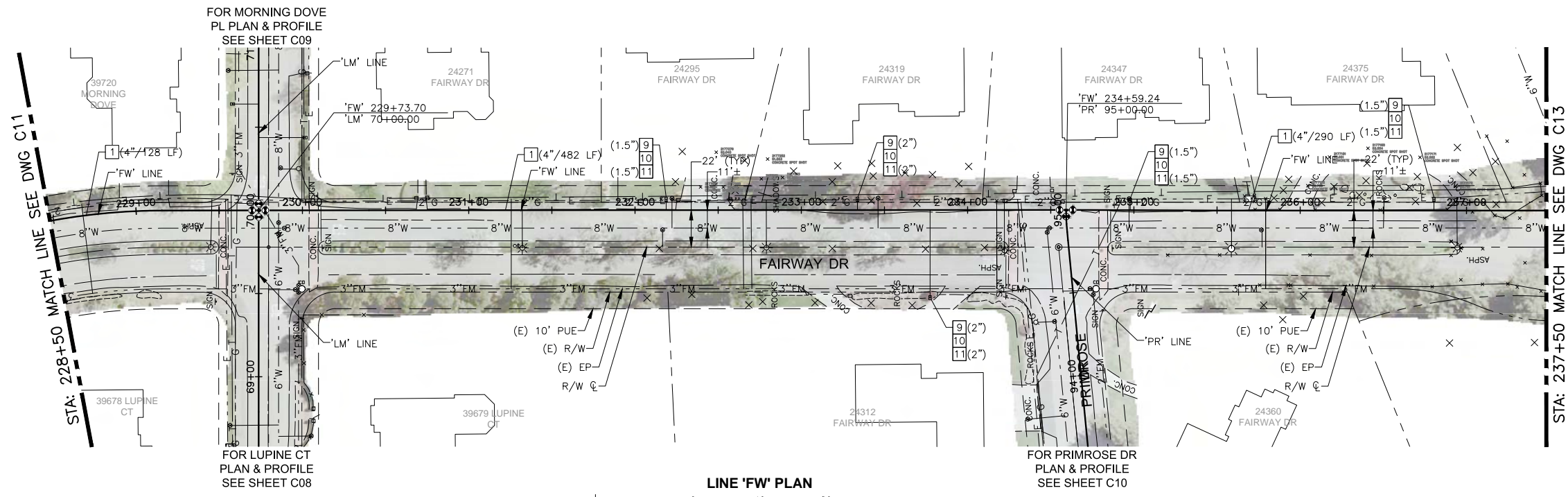
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DATE:

DWG NO  
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SHEET NO  
19 of 33

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- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER/LENGTH)
  - 2 INSTALL GATE VALVE (SIZE)
  - 5 INSTALL TEE (SIZE)
  - 6 INSTALL CROSS (SIZE)
  - 9 INSTALL WATER SERVICE LATERAL (SIZE)
  - 10 INSTALL 3/4"-INCH METER WITH VALVES AND BOX PER DETAIL 2/SHT 7
  - 11 INSTALL BACKFLOW PREVENTION ASSEMBLY WITH INSULATION AND PROTECTIVE COVER PER CITY OF DAVIS STD DETAIL 101-11 (SIZE)

DESIGNED	AJU				
DRAWN	JRR				
CHECKED	NAM				
NO.	BY	DATE	REVISION	APP'D	DATE

DESIGN ENGINEER  
 BY ASA J. UTTERBACK  
 ENGINEER'S NAME  
 DATE July, YYYY P.E. C57700  
 REGISTRATION EXPIRES 12/31/2017



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IMPROVEMENT PLANS FOR  
 NORTH DAVIS MEADOWS WATER  
 SYSTEM CONSOLIDATION PROJECT

FAIRWAY DR PLAN AND PROFILE 2

PRELIMINARY / 90% SUBMITTAL

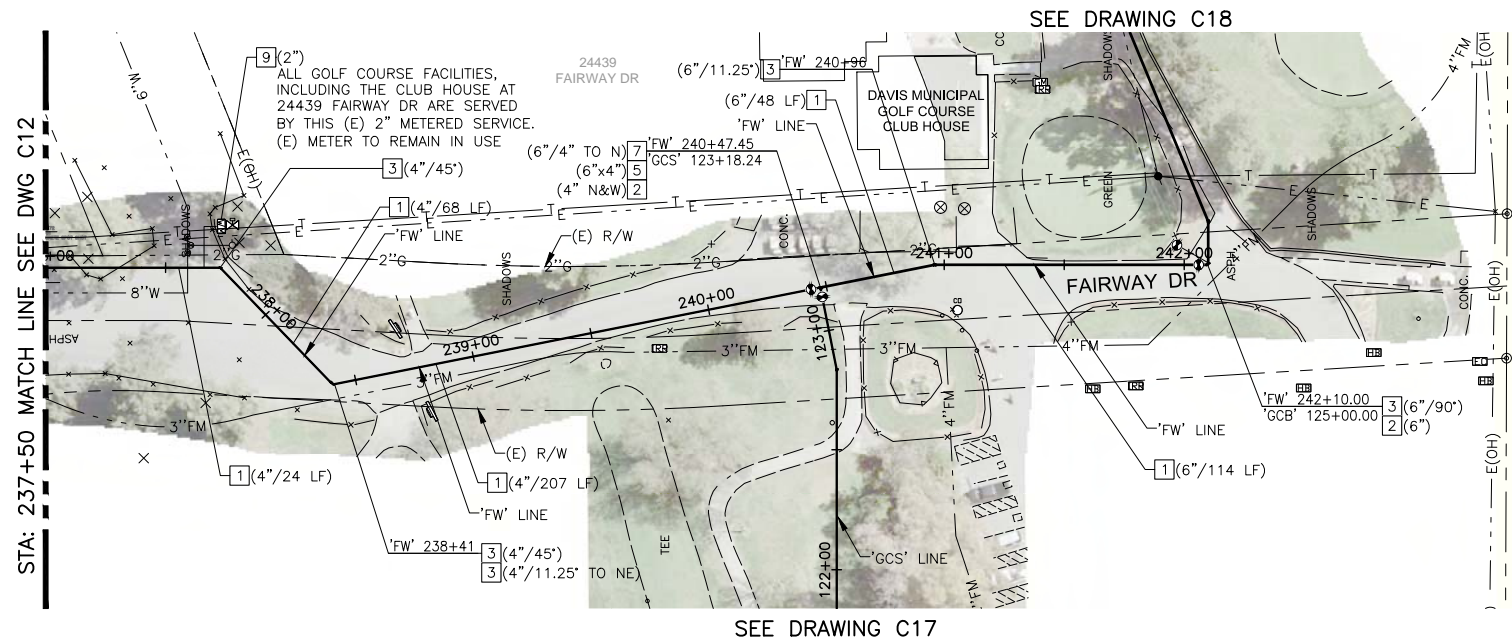
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DATE:

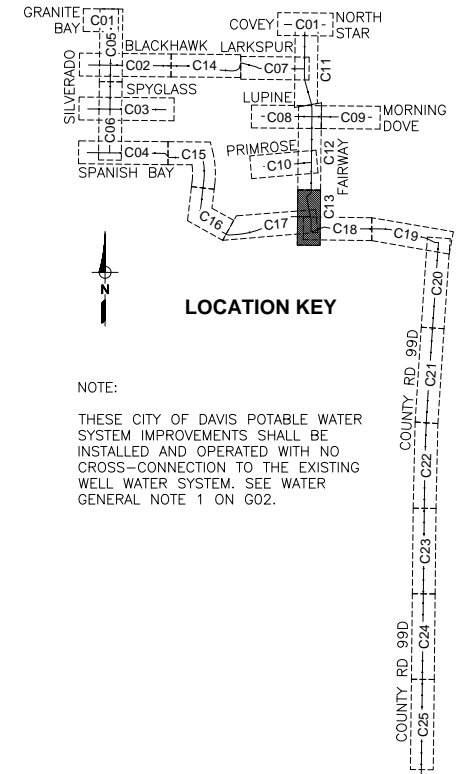
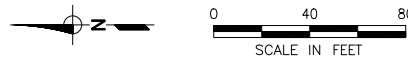
SHEET NO  
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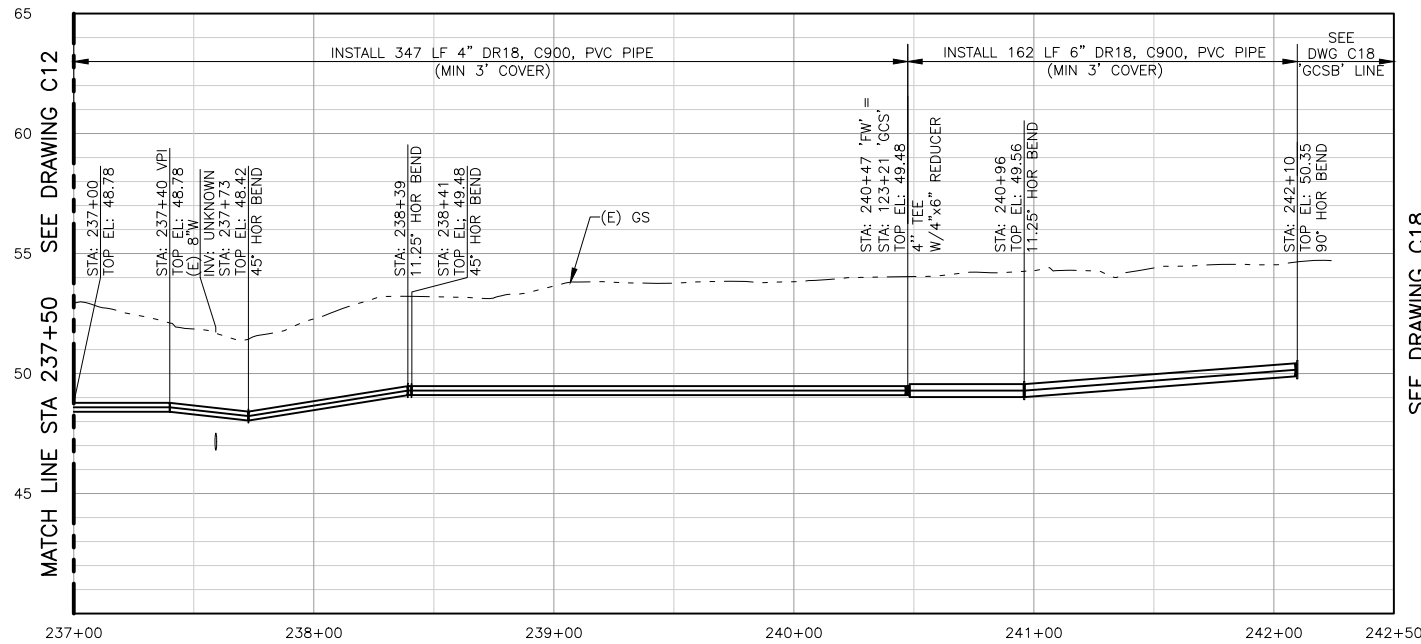


SEE DRAWING C17

LINE 'FW' PLAN



NOTE:  
THESE CITY OF DAVIS POTABLE WATER SYSTEM IMPROVEMENTS SHALL BE INSTALLED AND OPERATED WITH NO CROSS-CONNECTION TO THE EXISTING WELL WATER SYSTEM. SEE WATER GENERAL NOTE 1 ON G02.



LINE 'FW' PROFILE

SCALE: H:1"=40', V:1"=4'

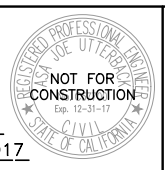
CONSTRUCTION NOTES:

- 1 INSTALL WATER PIPE (DIAMETER/LENGTH)
- 2 INSTALL GATE VALVE (SIZE)
- 3 INSTALL HORIZONTAL BEND (SIZE/ANGLE)
- 5 INSTALL TEE (SIZE)
- 7 INSTALL REDUCER (SIZE/SIZE)
- 9 INSTALL WATER SERVICE LATERAL (SIZE)

PRELIMINARY / 90% SUBMITTAL

DESIGNED_AJU					
DRAWN_JRR					
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NO.	BY	DATE	REVISION	APP'D	DATE

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BY ASA J. UTTERBACK  
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DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017

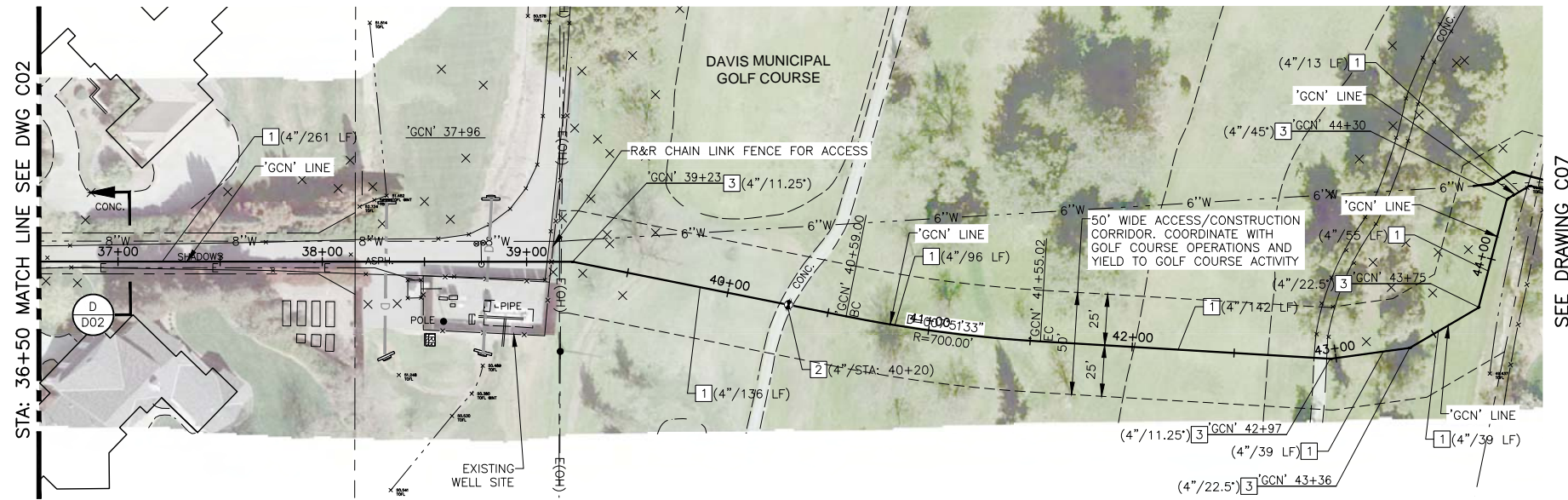


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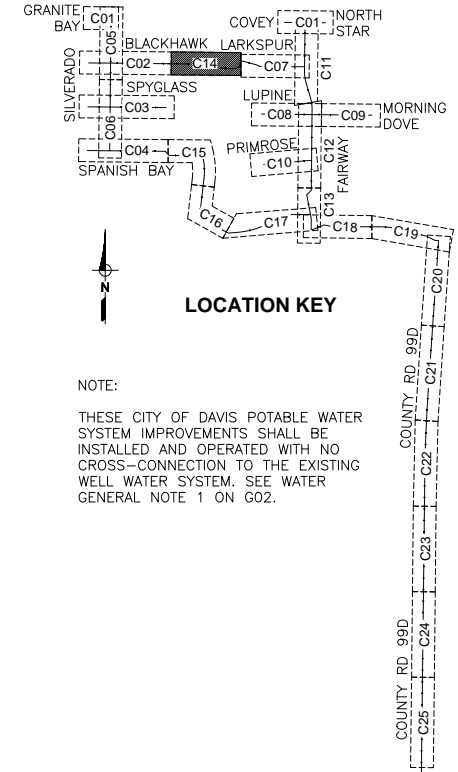
IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT  
FAIRWAY DR PLAN AND PROFILE 3

SCALE  
AS SHOWN  
DATE:  
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**C13**  
SHEET NO  
**21 of 33**

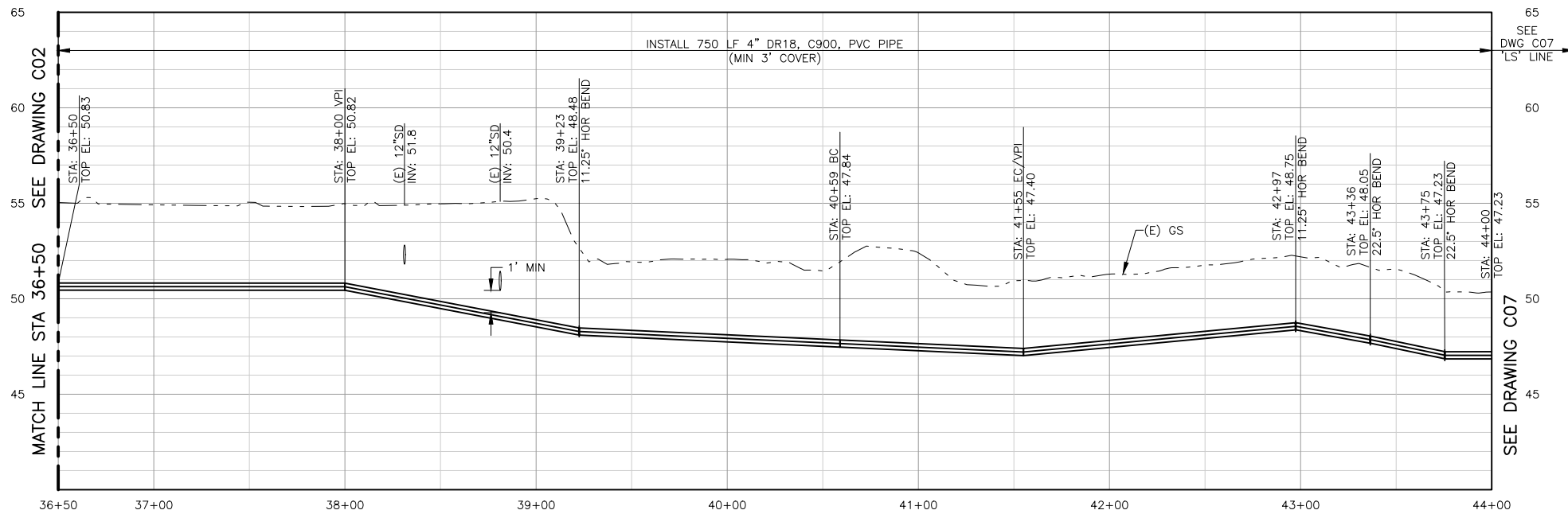
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SEE DRAWING C07



NOTE:  
THESE CITY OF DAVIS POTABLE WATER SYSTEM IMPROVEMENTS SHALL BE INSTALLED AND OPERATED WITH NO CROSS-CONNECTION TO THE EXISTING WELL WATER SYSTEM. SEE WATER GENERAL NOTE 1 ON G02.



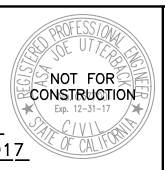
LINE 'GCN' PROFILE  
SCALE: H:1"=40', V:1"=4'

- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 2 INSTALL GATE VALVE (SIZE)
  - 3 INSTALL HORIZONTAL BEND (SIZE/ANGLE)
  - 4 INSTALL VERTICAL BEND (SIZE/ANGLE)

PRELIMINARY / 90% SUBMITTAL

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DRAWN	JRR				
CHECKED	NAM				
	NO.	BY	DATE	REVISION	APP'D DATE

DESIGN ENGINEER  
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ENGINEER'S NAME  
DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017

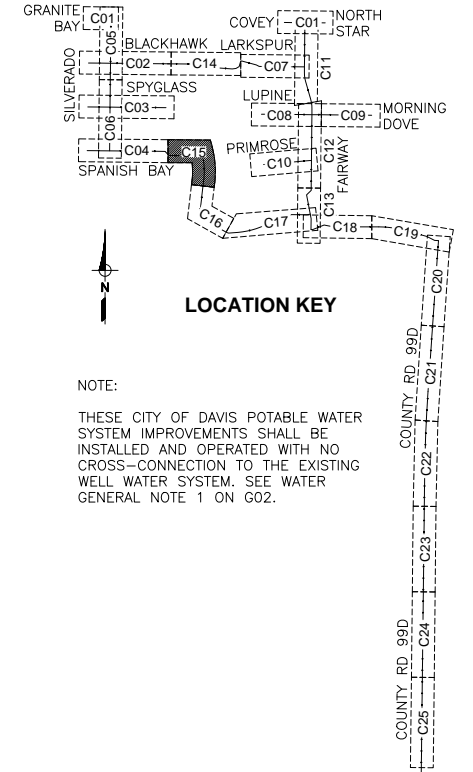
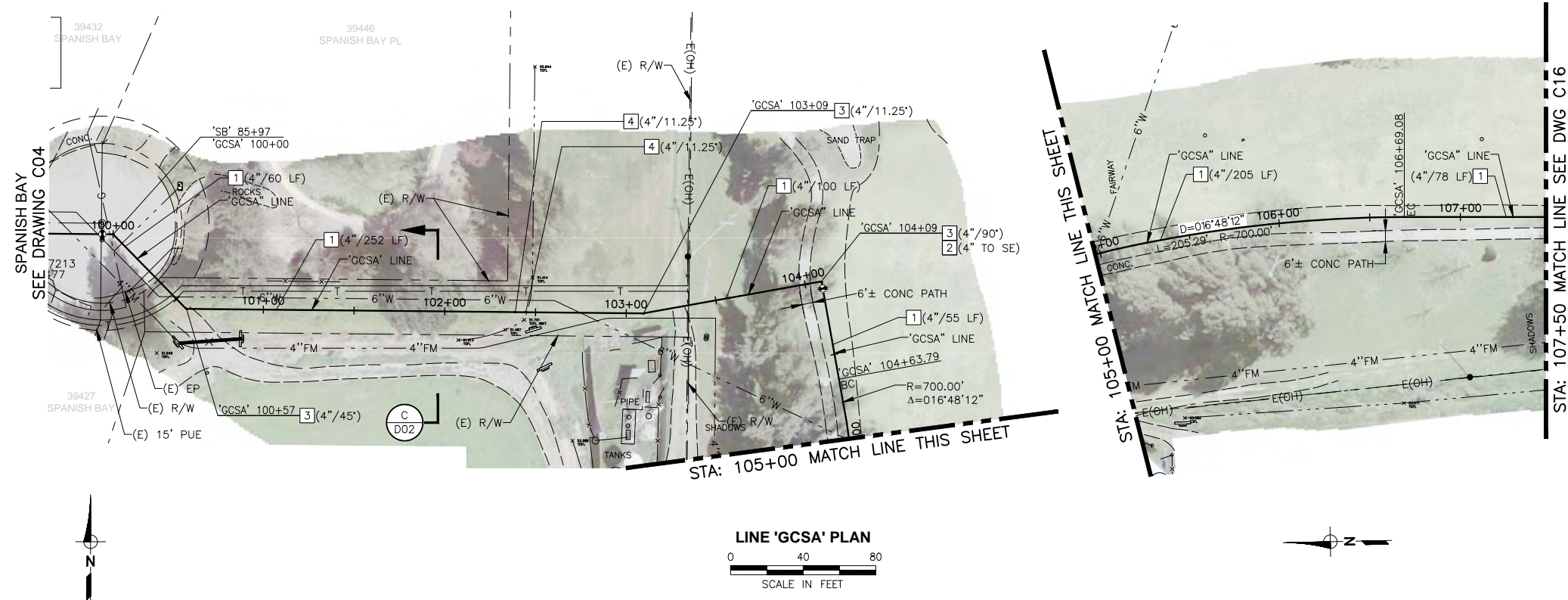


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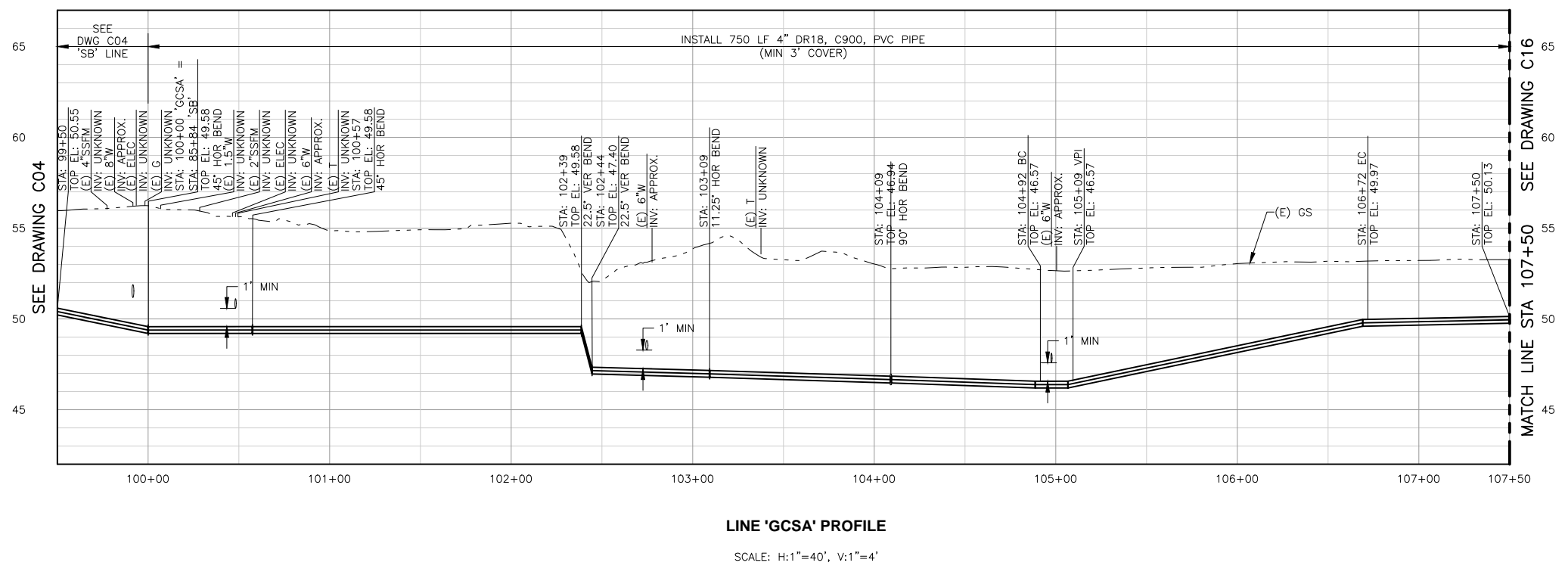
IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT  
**GOLF COURSE FAIRWAY NORTH  
PLAN AND PROFILE**

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AS SHOWN  
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**22 of 33**

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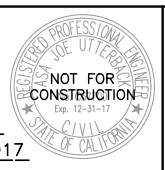
NOTE:  
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- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 2 INSTALL GATE VALVE (SIZE)
  - 3 INSTALL HORIZONTAL BEND (SIZE/ANGLE)
  - 4 INSTALL VERTICAL BEND (SIZE/ANGLE)

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CHECKED	NAM				
NO.	BY	DATE	REVISION	APP'D	DATE

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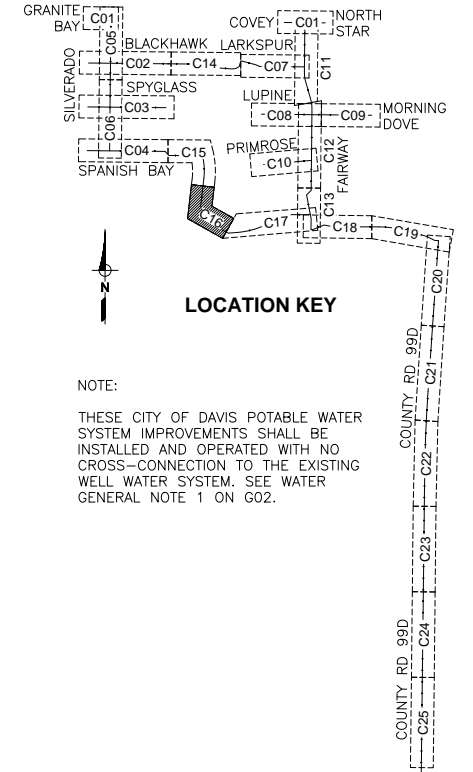
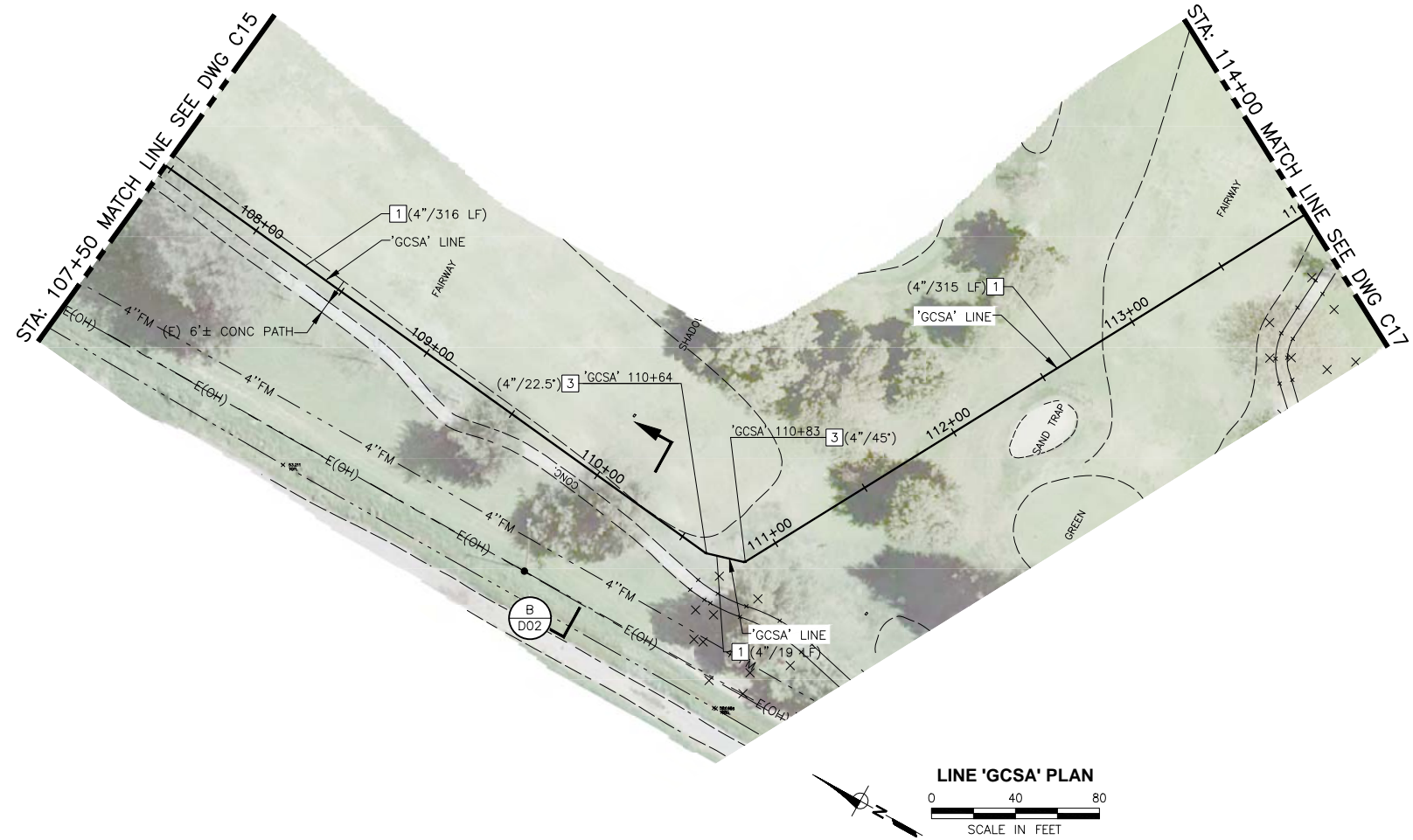
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IMPROVEMENT PLANS FOR  
 NORTH DAVIS MEADOWS WATER  
 SYSTEM CONSOLIDATION PROJECT  
**GOLF COURSE FAIRWAY SOUTH A  
 PLAN AND PROFILE 1**

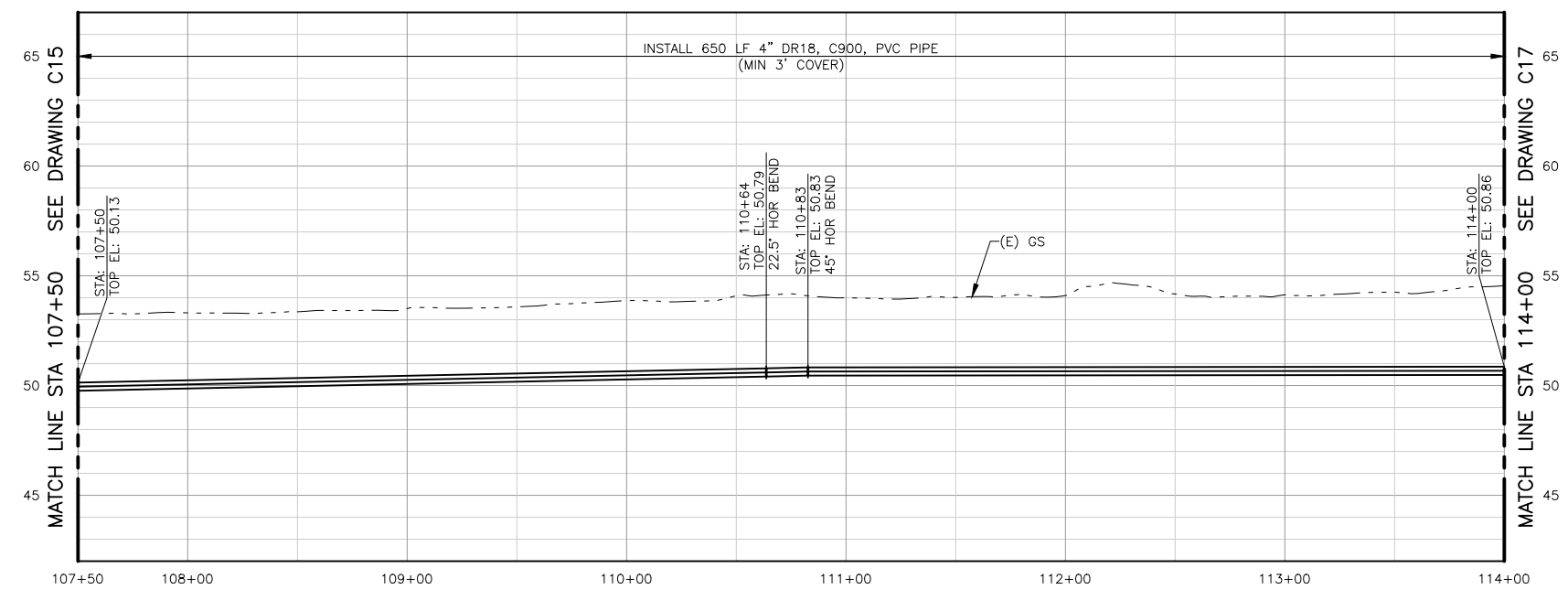
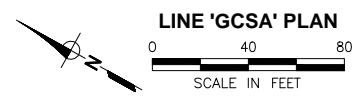
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**23 of 33**

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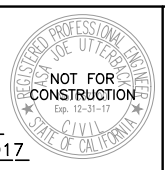
LINE 'GCSA' PROFILE  
SCALE: H:1"=40', V:1"=4'

- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 3 INSTALL HORIZONTAL BEND (SIZE/ANGLE)

**PRELIMINARY / 90% SUBMITTAL**

DESIGNED_AJU					
DRAWN_JRR					
CHECKED_NAM					
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ENGINEER'S NAME  
DATE July, YYYY P.E. C57700  
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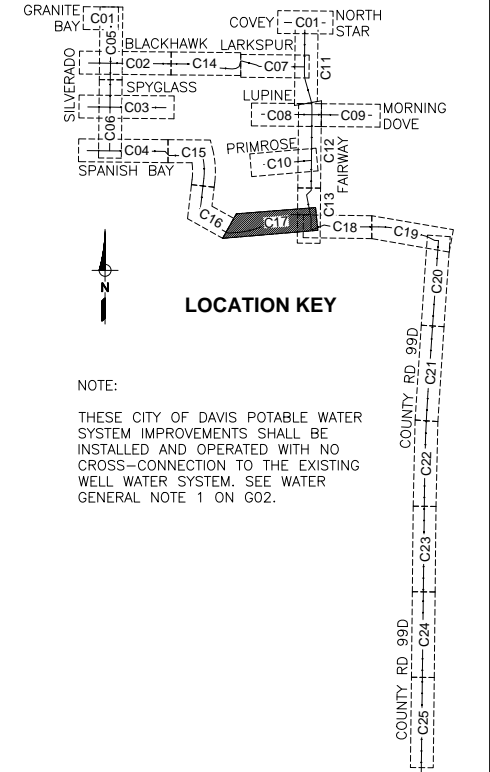
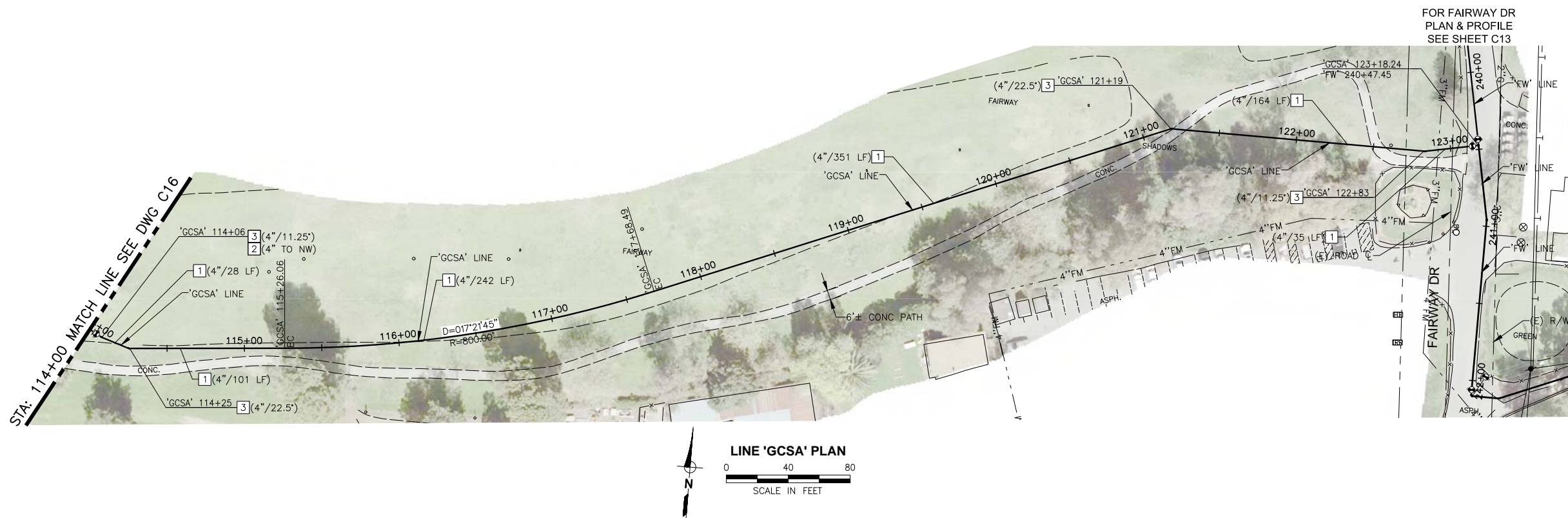
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IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT  
**GOLF COURSE FAIRWAY SOUTH A  
PLAN AND PROFILE 2**

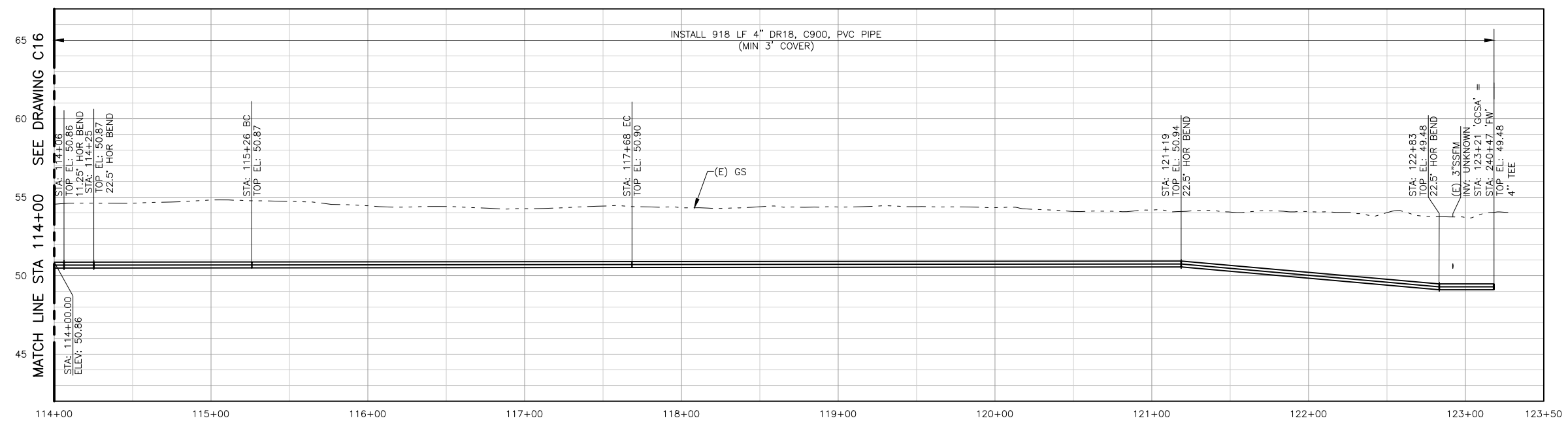
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**C16**  
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**24 of 33**



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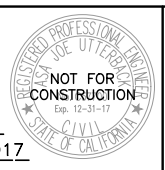
LINE 'GCSA' PROFILE  
SCALE: H:1"=40', V:1"=4'

- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 2 INSTALL GATE VALVE (SIZE)
  - 3 INSTALL HORIZONTAL BEND (SIZE/ANGLE)
  - 5 INSTALL TEE (SIZE)

PRELIMINARY / 90% SUBMITTAL

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	NO.	BY	DATE	REVISION	APP'D DATE

DESIGN ENGINEER  
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DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017

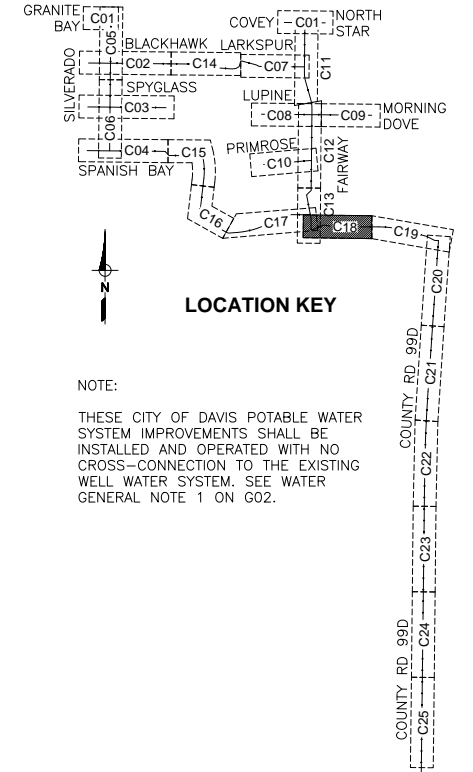
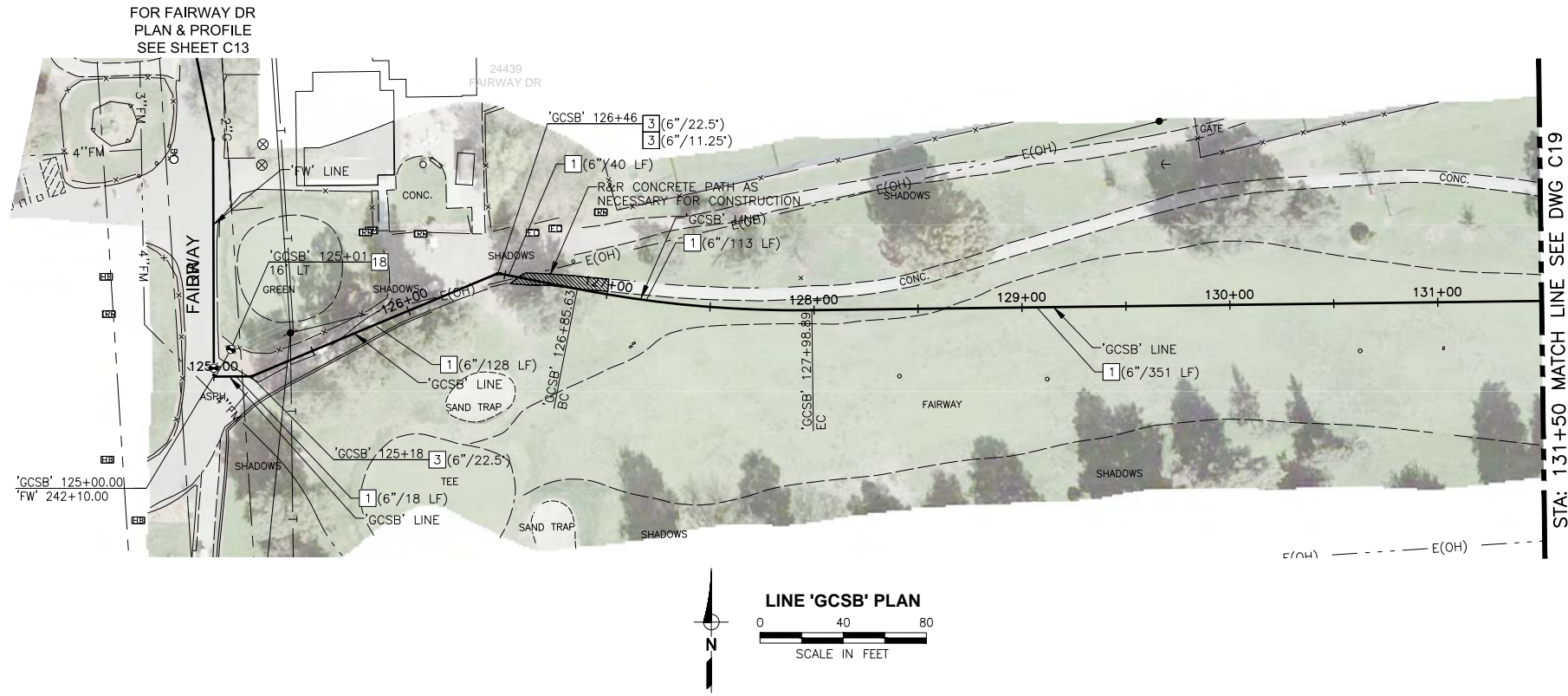


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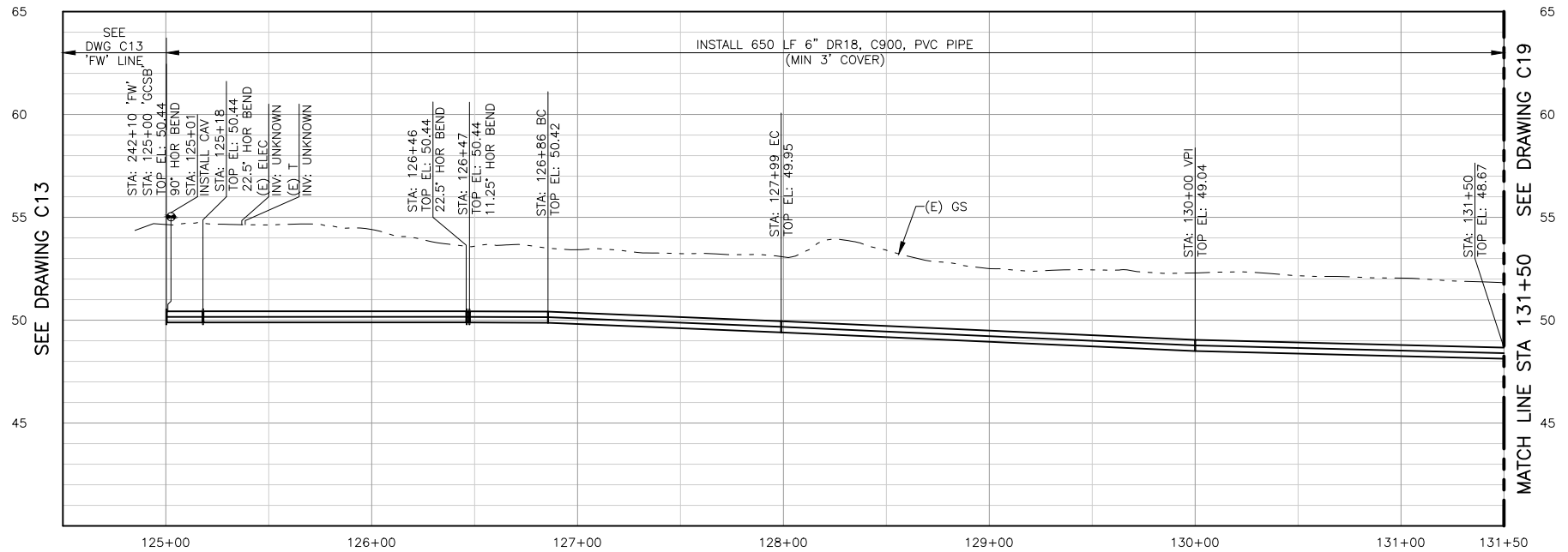
IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT  
**GOLF COURSE FAIRWAY SOUTH A  
PLAN AND PROFILE 3**

SCALE  
AS SHOWN  
DATE:  
DWG NO  
**C17**  
SHEET NO  
**25 of 33**

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NOTE:  
THESE CITY OF DAVIS POTABLE WATER SYSTEM IMPROVEMENTS SHALL BE INSTALLED AND OPERATED WITH NO CROSS-CONNECTION TO THE EXISTING WELL WATER SYSTEM. SEE WATER GENERAL NOTE 1 ON G02.



LINE 'GCSB' PROFILE  
SCALE: H:1"=40', V:1"=4'

- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 2 INSTALL GATE VALVE (SIZE)
  - 3 INSTALL HORIZONTAL BEND (SIZE/ANGLE)
  - 18 INSTALL COMBINATION AIR/VACUUM VALVE ASSEMBLY COMPLETE WITH 1-INCH SERVICE PER COUNTY OF YOLO STANDARD DETAIL 8-14

DESIGNED_AJU					
DRAWN_JRR					
CHECKED_NAM					
NO.	BY	DATE	REVISION	APP'D	DATE

DESIGN ENGINEER  
BY ASA J. UTTERBACK  
ENGINEER'S NAME  
DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017



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IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT  
**GOLF COURSE FAIRWAY SOUTH B  
PLAN AND PROFILE 1**

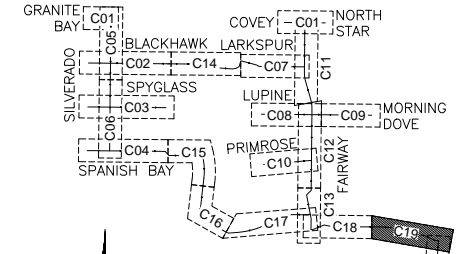
**PRELIMINARY / 90% SUBMITTAL**

SCALE AS SHOWN	DWG NO <b>C18</b>
DATE:	SHEET NO <b>26 of 33</b>

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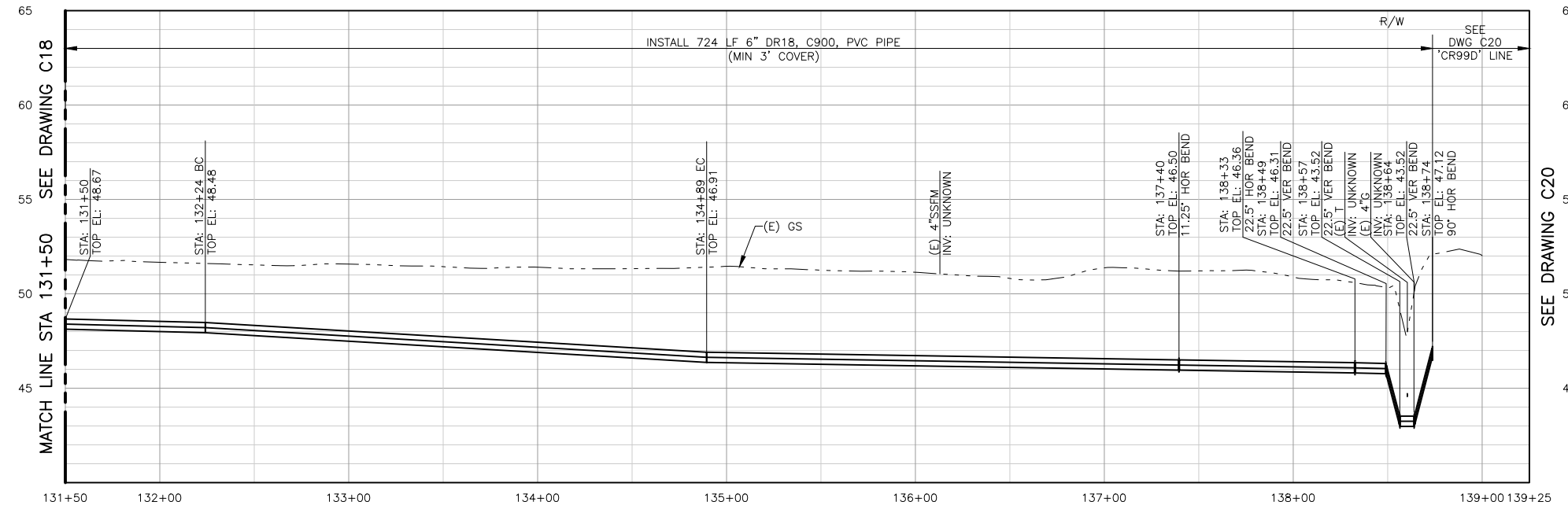


**LINE 'GCSB' PLAN**  
SCALE IN FEET



**LOCATION KEY**

NOTE:  
THESE CITY OF DAVIS POTABLE WATER SYSTEM IMPROVEMENTS SHALL BE INSTALLED AND OPERATED WITH NO CROSS-CONNECTION TO THE EXISTING WELL WATER SYSTEM. SEE WATER GENERAL NOTE 1 ON G02.



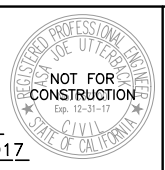
**LINE 'GCSB' PROFILE**  
SCALE: H:1"=40', V:1"=4'

- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 2 INSTALL GATE VALVE (SIZE)
  - 3 INSTALL HORIZONTAL BEND (SIZE/ANGLE)
  - 4 INSTALL VERTICAL BEND (SIZE/ANGLE)

**PRELIMINARY / 90% SUBMITTAL**

DESIGNED	AJU				
DRAWN	JRR				
CHECKED	NAM				
NO.	BY	DATE	REVISION	APP'D	DATE

DESIGN ENGINEER  
BY ASA J. UTTERBACK  
ENGINEER'S NAME  
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REGISTRATION EXPIRES 12/31/2017



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IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT

**GOLF COURSE FAIRWAY SOUTH B  
PLAN AND PROFILE 2**

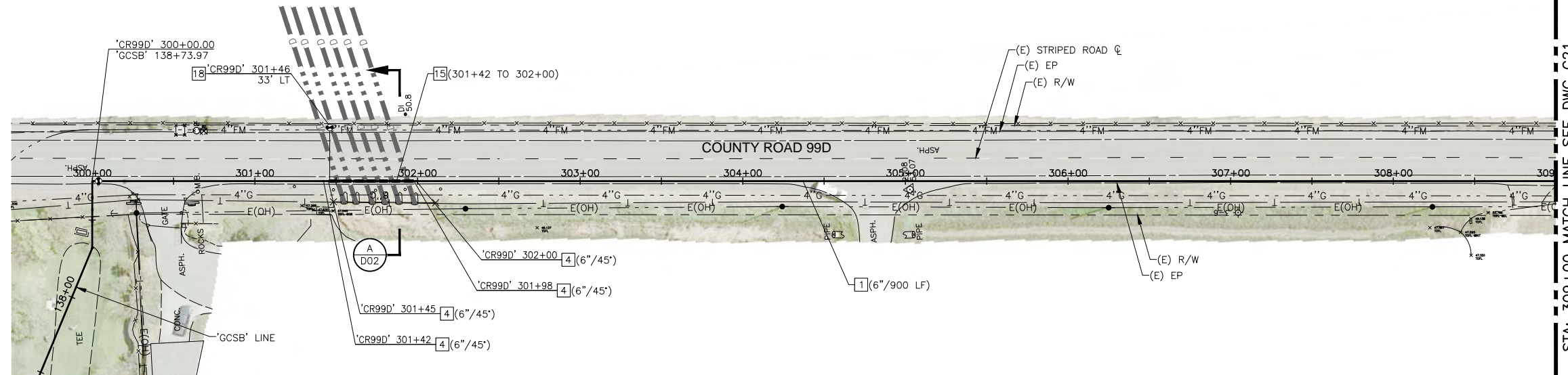
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DWG NO  
**C19**

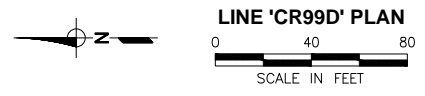
DATE:

SHEET NO  
**27 of 33**

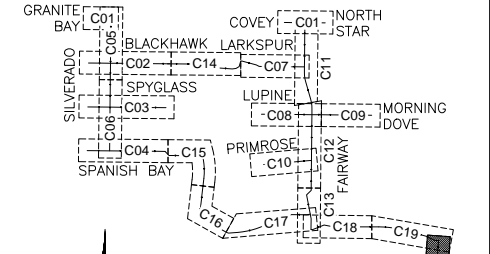
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SEE DRAWING C19

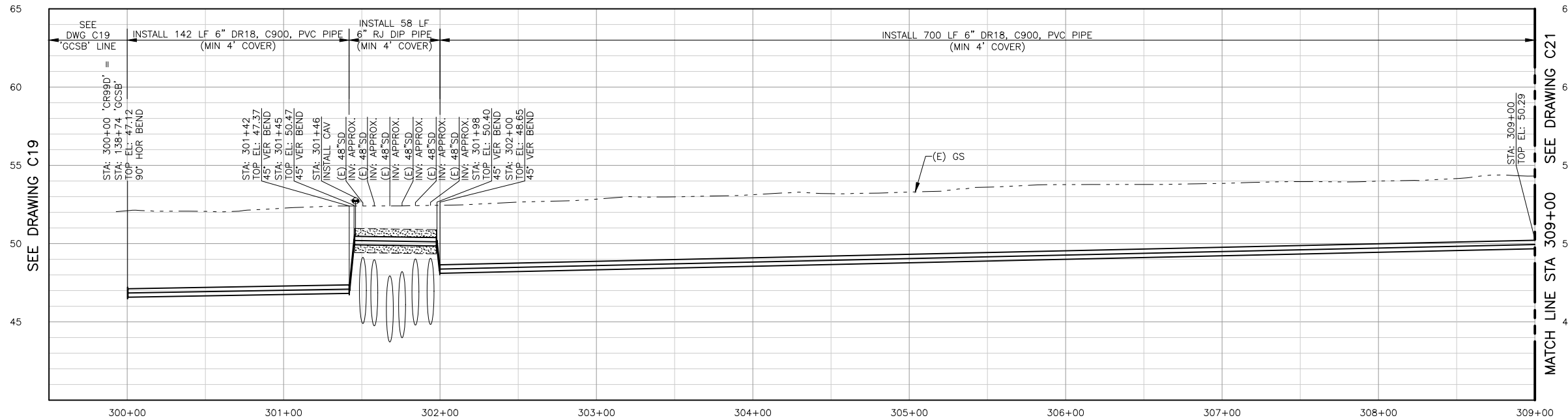
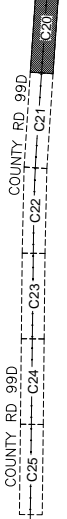


LINE 'CR99D' PLAN  
SCALE IN FEET



LOCATION KEY

NOTE:  
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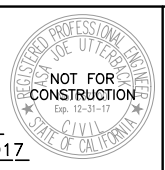
LINE 'CR99D' PROFILE

SCALE: H:1"=40', V:1"=4'

- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 3 INSTALL HORIZONTAL BEND (SIZE/ANGLE)
  - 4 INSTALL VERTICAL BEND (SIZE/ANGLE)
  - 15 INSTALL 6-INCH RJ DUCTILE IRON WATER PIPE W/CEMENT-SLURRY ENCASEMENT PER SECTION A/SHT 6 (STA TO STA)
  - 18 INSTALL COMBINATION AIR/VACUUM VALVE ASSEMBLY COMPLETE WITH 1-INCH SERVICE PER COUNTY OF YOLO STANDARD DETAIL 8-14

DESIGNED	AJU				
DRAWN	JRR				
CHECKED	NAM				
	NO.	BY	DATE	REVISION	APP'D DATE

DESIGN ENGINEER  
BY ASA J. UTTERBACK  
ENGINEER'S NAME  
DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017



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IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT  
**COUNTY ROAD 99D  
PLAN AND PROFILE 1**

**PRELIMINARY / 90% SUBMITTAL**

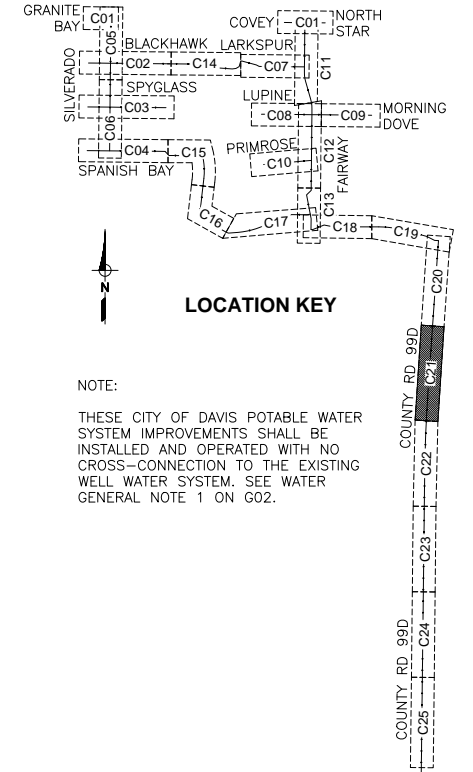
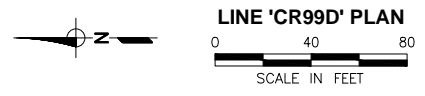
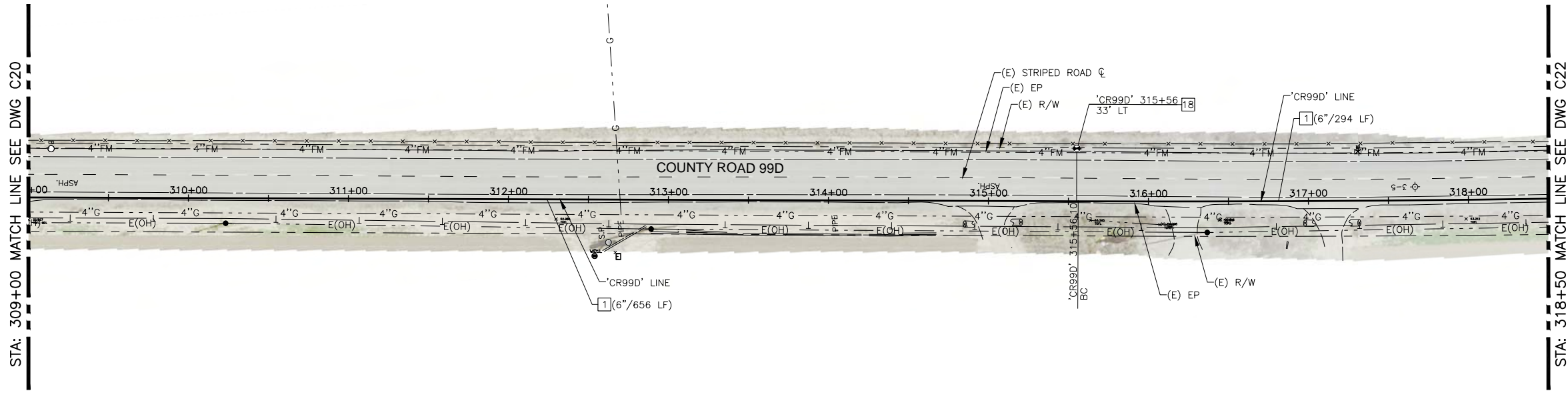
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DWG NO  
**C20**

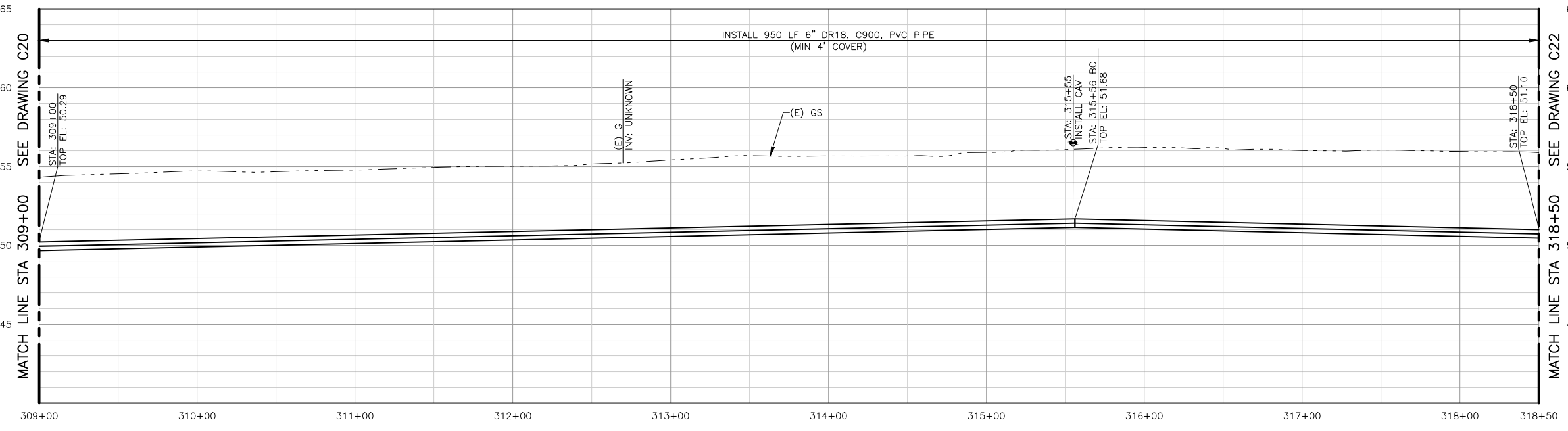
DATE:

SHEET NO  
**28 of 33**

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NOTE:  
THESE CITY OF DAVIS POTABLE WATER SYSTEM IMPROVEMENTS SHALL BE INSTALLED AND OPERATED WITH NO CROSS-CONNECTION TO THE EXISTING WELL WATER SYSTEM. SEE WATER GENERAL NOTE 1 ON G02.



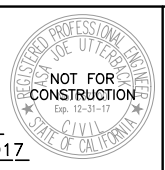
LINE 'CR99D' PROFILE  
SCALE: H:1"=40', V:1"=4'

- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 18 INSTALL COMBINATION AIR/VACUUM VALVE ASSEMBLY COMPLETE WITH 1-INCH SERVICE PER COUNTY OF YOLO STANDARD DETAIL 8-14

**PRELIMINARY / 90% SUBMITTAL**

DESIGNED	AJU				
DRAWN	JRR				
CHECKED	NAM				
NO.	BY	DATE	REVISION	APP'D	DATE

DESIGN ENGINEER  
BY ASA J. UTTERBACK  
ENGINEER'S NAME  
DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017

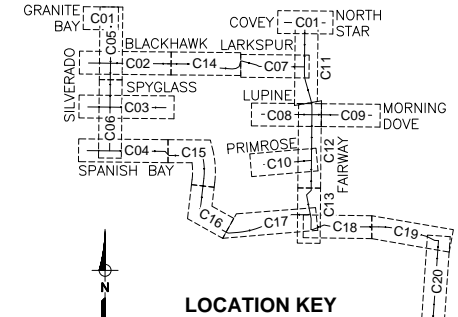
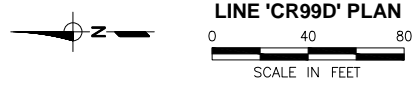
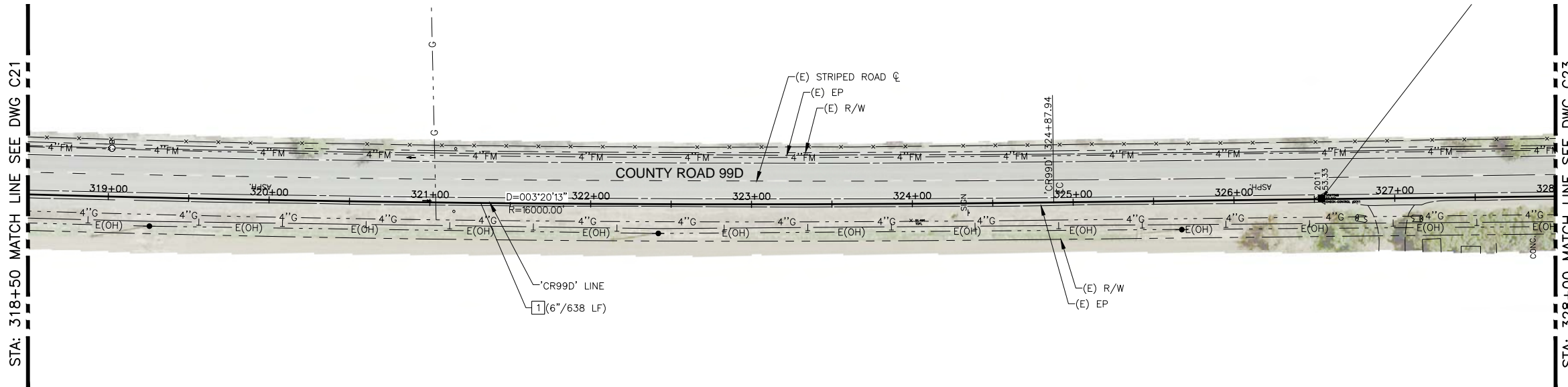


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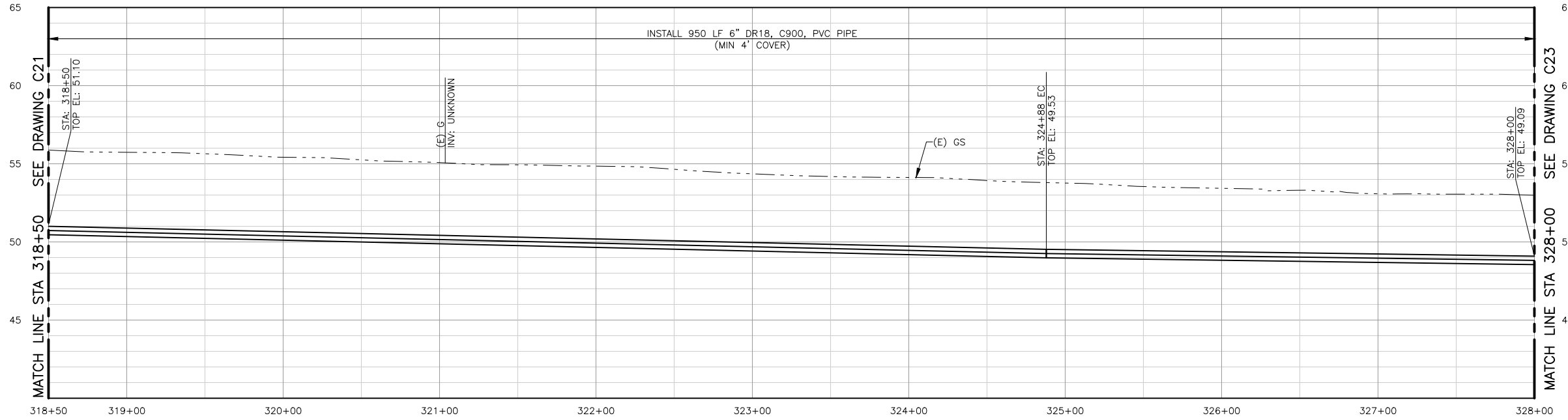
IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT  
**COUNTY ROAD 99D  
PLAN AND PROFILE 2**

SCALE  
AS SHOWN  
DATE:  
DWG NO  
**C21**  
SHEET NO  
**29 of 33**

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NOTE:  
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LINE 'CR99D' PROFILE  
SCALE: H:1"=40', V:1"=4'

CONSTRUCTION NOTES:  
1 INSTALL WATER PIPE (DIAMETER)

PRELIMINARY / 90% SUBMITTAL

DESIGNED	AJU				
DRAWN	JRR				
CHECKED	NAM				
	NO.	BY	DATE	REVISION	APP'D DATE

DESIGN ENGINEER  
BY ASA J. UTTERBACK  
ENGINEER'S NAME  
DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017

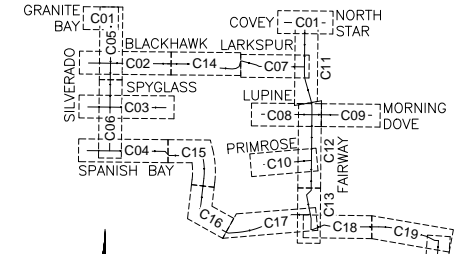
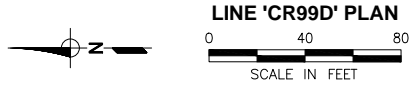
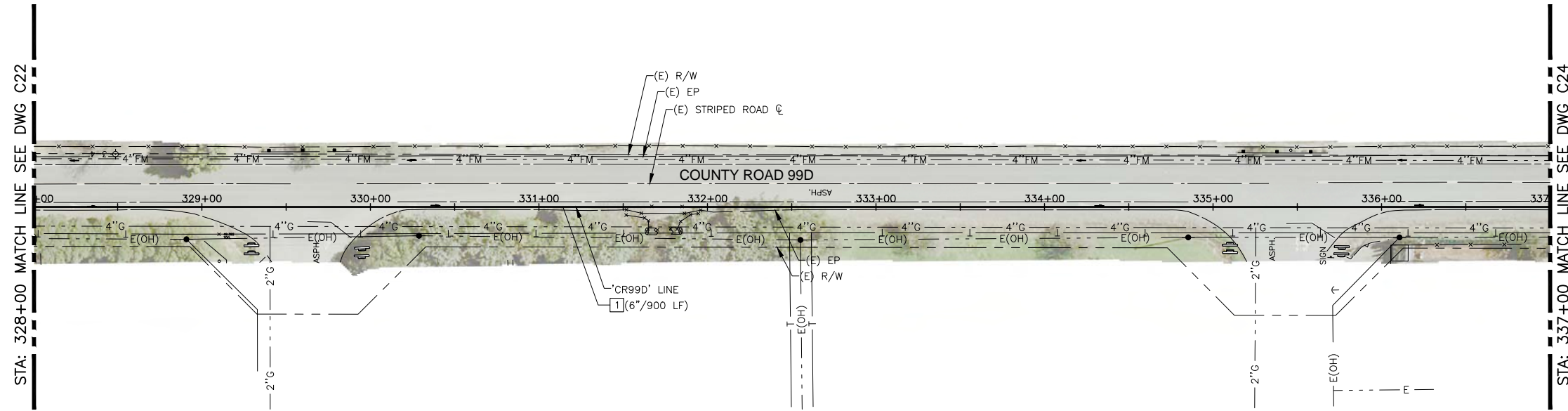


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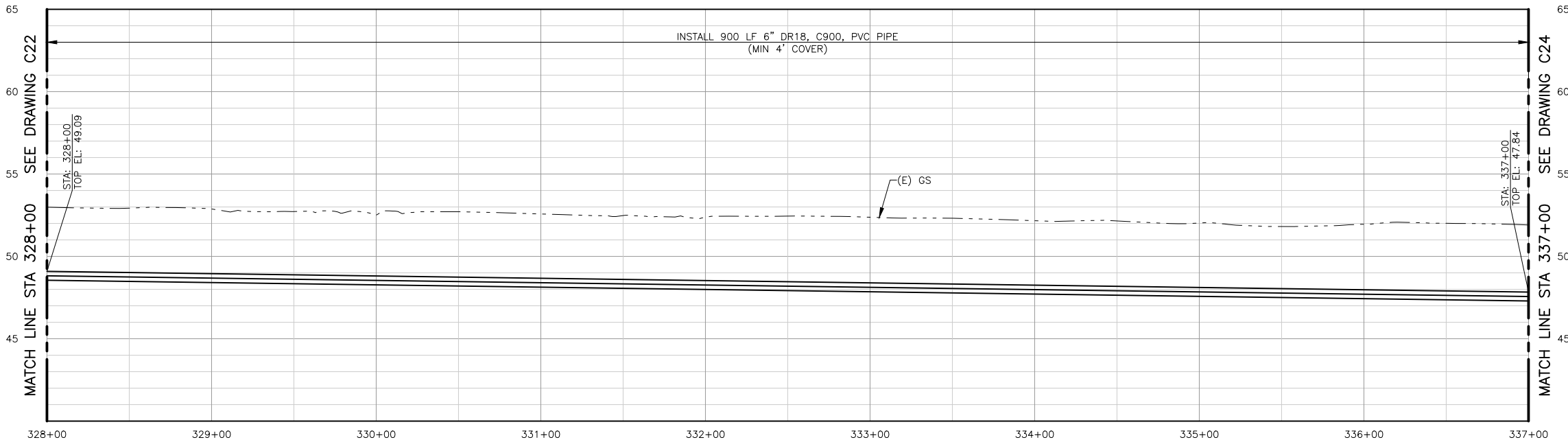
IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT  
**COUNTY ROAD 99D  
PLAN AND PROFILE 3**

SCALE  
AS SHOWN  
DATE:  
DWG NO  
**C22**  
SHEET NO  
**30 of 33**

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NOTE:  
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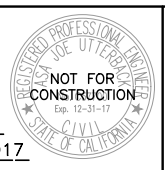
LINE 'CR99D' PROFILE  
SCALE: H:1"=40', V:1"=4'

CONSTRUCTION NOTES:  
1 INSTALL WATER PIPE (DIAMETER)

PRELIMINARY / 90% SUBMITTAL

DESIGNED	AJU				
DRAWN	JRR				
CHECKED	NAM				
	NO.	BY	DATE	REVISION	APP'D DATE

DESIGN ENGINEER  
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ENGINEER'S NAME  
DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017

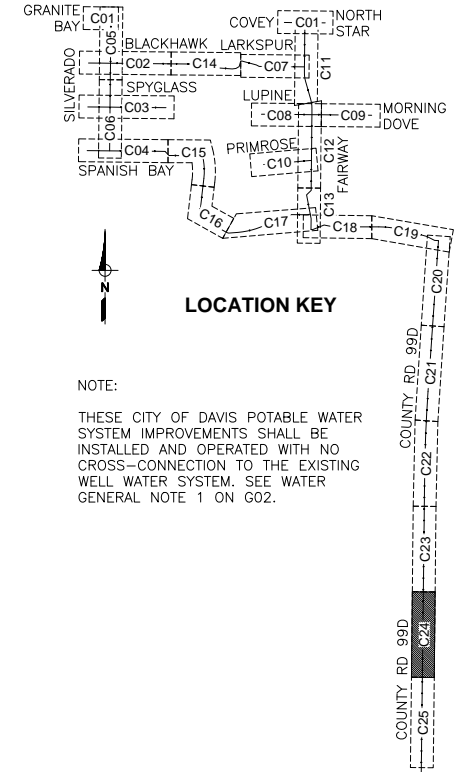
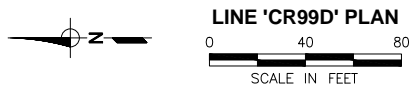
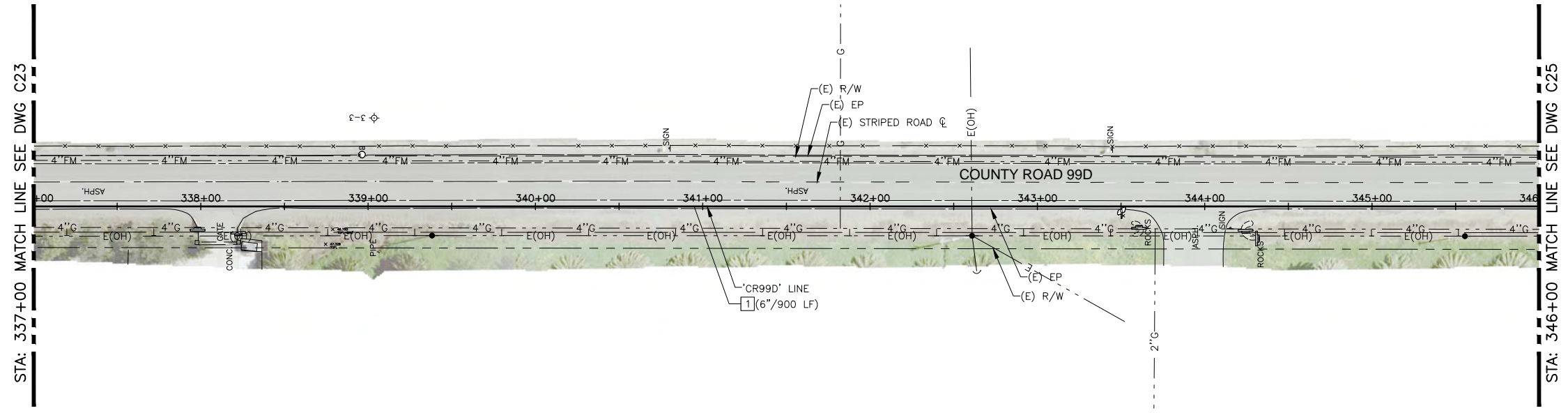


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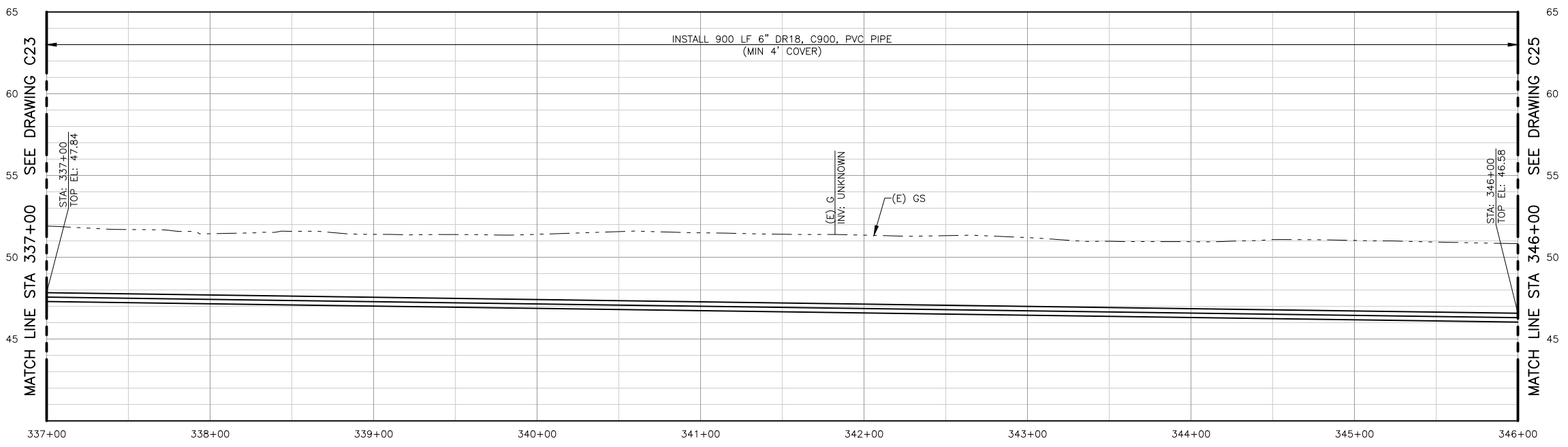
IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT  
**COUNTY ROAD 99D  
PLAN AND PROFILE 4**

SCALE  
AS SHOWN  
DATE:  
DWG NO  
**C23**  
SHEET NO  
**31 of 33**

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NOTE:  
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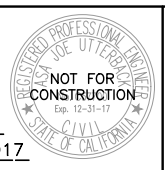
LINE 'CR99D' PROFILE  
SCALE: H:1"=40', V:1"=4'

CONSTRUCTION NOTES:  
1 INSTALL WATER PIPE (DIAMETER)

PRELIMINARY / 90% SUBMITTAL

DESIGNED	AJU				
DRAWN	JRR				
CHECKED	NAM				
NO.	BY	DATE	REVISION	APP'D	DATE

DESIGN ENGINEER  
BY ASA J. UTTERBACK  
ENGINEER'S NAME  
DATE July, YYYY P.E. C57700  
REGISTRATION EXPIRES 12/31/2017



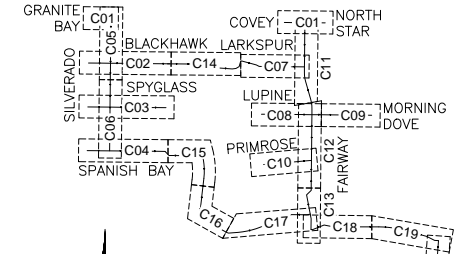
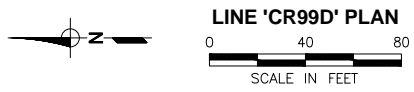
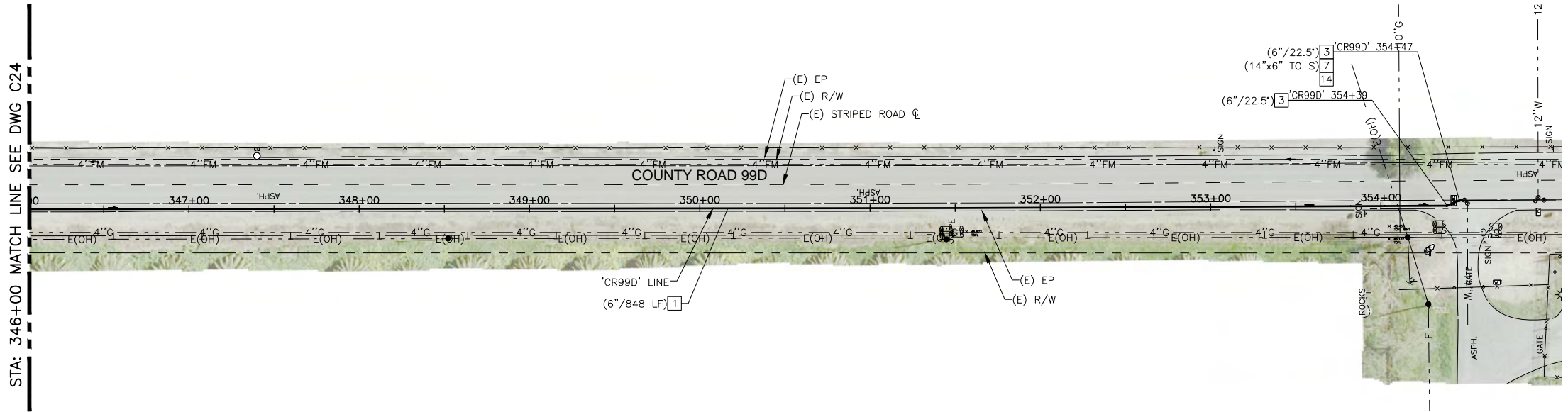
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IMPROVEMENT PLANS FOR  
NORTH DAVIS MEADOWS WATER  
SYSTEM CONSOLIDATION PROJECT  
**COUNTY ROAD 99D  
PLAN AND PROFILE 5**

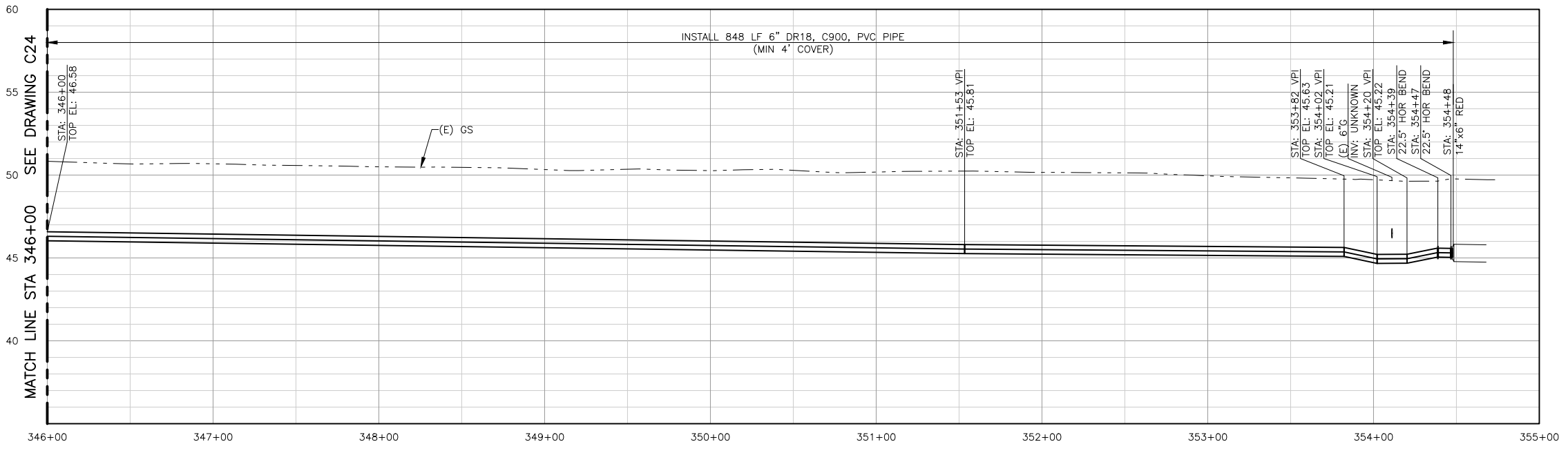
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DATE:  
DWG NO  
**C24**  
SHEET NO  
**32 of 33**



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NOTE:  
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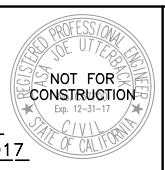
LINE 'CR99D' PROFILE  
 SCALE: H:1"=40', V:1"=4'

- CONSTRUCTION NOTES:**
- 1 INSTALL WATER PIPE (DIAMETER)
  - 3 INSTALL HORIZONTAL BEND (SIZE/ANGLE)
  - 7 INSTALL REDUCER (SIZE/SIZE)
  - 14 REMOVE BLOW-OFF ASSEMBLY AND CONNECT TO EXISTING 14-INCH WATER UNDER CONTINUOUS INSPECTION

PRELIMINARY / 90% SUBMITTAL

DESIGNED	AJU				
DRAWN	JRR				
CHECKED	NAM				
	NO.	BY	DATE	REVISION	APP'D DATE

DESIGN ENGINEER  
 BY ASA J. UTTERBACK  
 ENGINEER'S NAME  
 DATE July, YYYY P.E. C57700  
 REGISTRATION EXPIRES 12/31/2017



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IMPROVEMENT PLANS FOR  
 NORTH DAVIS MEADOWS WATER  
 SYSTEM CONSOLIDATION PROJECT  
**COUNTY ROAD 99D  
 PLAN AND PROFILE 6**

SCALE  
 AS SHOWN  
 DATE:  
 DWG NO  
**C25**  
 SHEET NO  
**33 of 33**