

1. BEFORE STARTING ANY WORK ON THIS PROJECT, THE CONTRACTOR SHALL:

A) HAVE SUBMITTED, IN SEXTUPELT, A WRITTEN LISTING OF ALL MATERIAL ITEMS TO BE FURNISHED TO AND/OR INSTALLED ON THE PROJECT, TO THE ENGINEER AND POSSESS A RETURNED COPY OF SUCH MARKED "APPROVED" FOR THIS PROJECT BY THE ENGINEER.

B) HAVE SUBMITTED TO THE ENGINEER PROOF THAT THE AGENCY IS NAMED INSURED BY THE CONTRACTOR'S INSURERS IN ACCORDANCE WITH THE GENERAL PROVISIONS OF THE SPECIFICATIONS.

C) HAVE GIVEN THE ENGINEER THE TELEPHONE NUMBER, BUSINESS OR HOME ADDRESS AND MAILING ADDRESS AND NAMES OF THE PERSONS WHO CAN BE CONTACTED IN THE EVENT OF AN EMERGENCY OCCURRENCE ON THE PROJECT DURING THE TIME THE WORK IS IN PROGRESS, 24 HOURS PER DAY, 7 DAYS PER WEEK.

D) HAVE GIVEN THE ENGINEER 2 DAYS IN ADVANCE OF START OF WORK, NOTICE, IN WRITING, OF THE TIME OF START OF WORK.

2. IT IS RECOMMENDED THAT THE DEVELOPER CHECK THIS PLAN WITH HIS PLANS BEFORE COMMENCING CONSTRUCTION OF THE WATER SYSTEM, THE WATER DISTRIBUTION SYSTEM PLAN FOR THIS PROJECT WAS PREPARED BY THE DEVELOPER'S ENGINEER. THE ACCURACY OF THE LOCATION OR THE EXISTENCE OR NON-EXISTENCE OF UTILITIES, IS NOT GUARANTEED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF THE UTILITIES AND SHALL CONSTITUTE A GUARANTEE AS TO THEIR LOCATION BY THE AGENCY. NEW PAVING, CURBS, AND SIDEWALKS INDICATED ON THESE DRAWINGS ARE SHOWN FOR INFORMATION ONLY. THE CONTRACTOR FOR THE WATER SYSTEM SHOULD VERIFY THE LOCATION AND THE PROPOSED SCHEDULING OF THE NEW PAVING, ETC., WORK BEFORE HE PROCEEDS.

3. ALL WATER SYSTEM MATERIALS AND CONSTRUCTION METHODS SHALL COMPLY WITH THE REQUIREMENTS OF THE DISTRICT THESE PLANS AND THIS LIST OF MATERIALS HAVE BEEN DETAILED FOR USE OF DUCTILE IRON, CEMENT MORTAR LINED FITTINGS AND APPURTENANCES OR STEEL CEMENT LINED UNDERGROUND PIPES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF THE UTILITIES AND SHALL CONSTITUTE A GUARANTEE AS TO THEIR LOCATION BY THE AGENCY. THE CONTRACTOR'S POSSESSION PRIOR TO HIS PURCHASE OR FABRICATION OF SUCH MATERIALS, DUCTILE IRON FITTINGS SHALL BE MINIMUM PRESSURE RATED 350 P.S.I. STEEL FITTINGS SHALL BE MINIMUM SCHEDULE 40 CONSTRUCTION. ALL MATERIALS SHALL BE DESIGNED FOR A MINIMUM WORKING PRESSURE OF 200 P.S.I. THE CONTRACTOR SHALL PROVIDE TWO COATS OF RED DUTY RED PRIMER AND TWO PRIMER COATS OF PAINT TO FIRE HYDRANTS AND FLUSHOUTS, AS SPECIFIED IN THE APPLICABLE STANDARD DRAWINGS.

4. ALL WORK IS SUBJECT TO THE REQUIREMENTS OF THE PERMIT(S) OF THE CITY OF LANCASTER REGARDING BARRICADES, TRAFFIC CONTROL, BACKFILL, COMPACTION, PAVEMENT REPAIRS, ETC.

5. ALL SURVEYING SERVICES ARE TO BE FURNISHED BY THE DEVELOPERS ENGINEER.

6. ALL 4" AND 6" DIAMETER PIPE SHALL HAVE A MINIMUM COVER OF 36"; 8" AND 10" DIAMETER PIPE SHALL HAVE A MINIMUM COVER OF 42"; 12" DIAMETER PIPE SHALL HAVE A MINIMUM COVER OF 48" AND ALL SERVICE CONNECTIONS SHALL HAVE A MINIMUM COVER OF 24" MEASURED VERTICALLY FROM TOP OF CURB TO CENTER OF PIPE. ISOLATION VALVES SHOWN BY THE CONTRACTOR SHALL BE KEPT OPEN DURING FILING AND FLOWING OF PERMANENT GUTTER SURFACES IS NOT COMPLETE OR ESTABLISHED ADJACENT TO THE WATER MAIN WORK, WATER MAINS SHALL BE CONSTRUCTED WITH THE MINIMUM REQUIRED COVER MEASURED FROM THE PROPOSED ADJACENT FLOW LINES.

7. EARTH COVER OVER TOP OF THE PIPE AT FITTING IS CONTROLLED BY LARGEST PIPE OUTLET.

8. ALL SERVICE CONNECTIONS SHALL BE INSTALLED FROM THE MAIN IN THE STREET FROM WHICH THE HOUSE IS NUMBERED AND INSTALLED AT RIGHT ANGLES TO THE MAIN. THE MAIN SHALL BE INSTALLED TO THE CENTER OF THE LOT BUT NO CLOSER THAN 10" TO ANY DRIVEWAY, WALKWAY, CURB, RETURN, OR OTHER UTILITY UNLESS NOTED OTHERWISE ON THE PLANS. WATER METER BOXES AND SERVICE CONNECTIONS SHALL BE INSTALLED BETWEEN THE BACK OF CURB AND PROPERTY LINE PER STANDARD W-5 OR W-7, AS APPLICABLE. METERS SHALL BE INSTALLED BY THE CONTRACTOR AT THE PROPERTY LINE.

A) AN APPLICATION FOR EACH METER HAS BEEN SUBMITTED TO THE AGENCY.

B) ALL APPLICABLE CHARGES HAVE BEEN PAID.

C) THE CONTRACTOR HAS BROUGHT THE WATER METER BOXES AND SERVICE CONNECTIONS TO FINISHED CURB AND SIDEWALK GRADE.

9. IT SHALL BE THE DEVELOPERS DUTY TO CAUSE THE SEWER OR LATERALS TO MEET THE REQUIREMENTS OF STANDARD 2100-0 OF THE LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS AND WATERWORKS DISTRICT STANDARD W-50.

10. PROPOSED UTILITY INFORMATION, AND LOCATIONS SHOWN ON THIS PLAN ARE SUBJECT TO CONTRACTUAL ARRANGEMENTS WITH THE DEVELOPER.

11. FIRE HYDRANT RISERS SHALL BE INSTALLED AS SHOWN IN THE APPLICABLE DISTRICT STANDARD DRAWINGS. ANY NECESSARY ADJUSTMENT OF FIRE HYDRANT FLANGE ELEVATION SHALL BE PERFORMED AT DEVELOPERS EXPENSE AT TIME FINAL FINISH GRADE IS DEVELOPED.

12. ALL NEW WORK SHALL BE TESTED VALVE TO VALVE AT 200 P.S.I. FOR FOUR HOURS, UNLESS OTHERWISE SPECIFIED. PRESSURE TESTING SHALL NOT BE CONDUCTED AGAINST ANY NEW OR EXISTING VALVE THAT IS CONNECTED TO THE DISTRICT'S EXISTING DISTRIBUTION SYSTEM. THE CONTRACTOR SHALL DESIGN, FURNISH AND INSTALL ANY NECESSARY THRUST BLOCKS IN ACCORDANCE WITH STANDARD W-21, OR AS SHOWN ON THESE PLANS.

13. DISINFECTION: CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO ASSURE SANITARY INSTALLATION. HE SHALL ENDEAVOR TO KEEP ALL DIRT, DEBRIS, AND EXCESSIVE MATERIAL OUT OF THE MAINS AND TESTS. ISOLATION VALVES SHOWN BY THE CONTRACTOR SHALL BE KEPT OPEN DURING FILING AND FLOWING WHEN VALVES SHALL BE OPERATED SO AS TO ASSURE FLOW TOWARD NEW DISCHARGE) AND LEFT CLOSED AT ALL OTHER TIMES UNTIL AFTER THE PAVEMENT TESTING IS COMPLETED AND THE TESTS HAVE BEEN PASSED. THE CONTRACTOR SHALL NOTIFY THE AGENCY AT LEAST 24 HOURS IN ADVANCE OF ANY OPERATION OF ISOLATION VALVES WHICH SHALL BE OPERATED ONLY BY AGENCY PERSONNEL. AGENCY WILL ARRANGE FOR BACTERIOLOGICAL TESTING, SAMPLING OF WATER MAINS UPON NOTIFICATION BY CONTRACTOR. AGENCY WILL ALSO ARRANGE FOR CONCURRENT PAVEMENT TESTING, SAMPLING AND SUPPLY OF WATER MAINS.

14. IF THE DEVELOPER DESIRES TEMPORARY WATER SERVICE FOR CONSTRUCTION AND TO OPERATE HOUSE PLUMBING PRIOR TO INSTALLATION OF PERMANENT WATER METER BY CONTRACTOR, THE DEVELOPER SHALL APPLY FOR INSTALLATION, BY THE DISTRICT, OF TEMPORARY CONSTRUCTION METERS (S) OFF FIRE HYDRANTS OR FLUSHOUTS. THE ISSUANCE OF TEMPORARY CONSTRUCTION METER(S) DURING THE SUMMER MONTHS MAY BE REQUESTED AND APPROVED BY THE DISTRICT.

15. INTERCONNECTIONS: CONTRACTOR SHALL NOTIFY THE AGENCY, IN WRITING, TWO WORKING DAYS IN ADVANCE THAT HE IS PREPARED WITH ALL LABOR, MATERIAL, EQUIPMENT, AND NECESSARY PRELIMINARY WORK TO MAKE THE CONNECTION. THE AGENCY WILL MARK ON THE SURFACE THE DISTRICTS EXISTING FACILITIES, AND WILL PROVIDE SUPERVISION ONLY FOR CONTRACTOR TO MAKE INSTALLATION. THE CONTRACTOR SHALL EXCAVATE, INSTALL, AND TEST THE CONNECTION AND REPAIR ANY DAMAGES AT HIS EXPENSE.

16. ANY MATERIAL SALVAGED FROM THE EXISTING WATER SYSTEM BY THE CONTRACTOR SHALL BE RETURNED BY THE CONTRACTOR TO THE AGENCY 260 EAST AVENUE K-8, LANCASTER UNLESS SUCH MATERIAL IS DETERMINED BY THE ENGINEER TO BE EQUIVALENT TO NEW MATERIAL REQUIRED FOR THIS WORK. IN WHICH CASE THE CONTRACTOR WILL BE ALLOWED TO USE SUCH EQUIVALENT SALVAGED MATERIAL. IN PLACE OF NEW BEFORE INSTALLING SAME.

17. PIPE LENGTHS IN ENGINEER'S "ESTIMATED" QUANTITIES WERE CALCULATED ON A HORIZONTAL OFFSET. PIPE LENGTHS ADJUSTMENT FOR JOGS, SLOPES, VALVES, AND FITTINGS HAS NOT BEEN MADE.

18. CONTRACTOR SHALL MAKE ARRANGEMENTS TO ADJUST VALVE BOXES, FIRE HYDRANT FLANGES, METER BOXES, VAULTS, ETC. TO SUBDIVISION FINISH GRADE AT TIMES WHEN FINISH GRADES ARE ESTABLISHED BY OTHERS AT NO COST TO AGENCY.

19. CONTRACTOR SHALL NOT UNREASONABLY RESTRICT THE USE OF PUBLIC RIGHT-OF-WAY OR ACCESS TO ADJACENT PREMISES.

20. IN ADDITION TO ITEMS IN LIST OF MATERIALS, CONTRACTOR SHALL FURNISH ALL NECESSARY ADAPTORS, COUPLINGS, BOLTS, GASKETS, CAULKING MATERIALS, AND REPAIRING MATERIALS AS REQUIRED TO COMPLETE THE WORK.

21. BEFORE BACKFILLING TRENCH, ALL EXPOSED UNDERGROUND METAL SURFACES, UNLESS NOTED OTHERWISE OR SPECIFIED ELSEWHERE IN THE PLANS, SHALL BE PROTECTED BY A MINIMUM OF ONE INCH MINIMUM THICKNESS OF 1,000 LB. CEMENT MORTAR. [THREE (3) PARTS SAND TO ONE (1) PART PORTLAND CEMENT TO ONE (1) PART LIME.]

22. CLEARANCE: (EXCEPT SEWERS, SEE NOTE 9) UNLESS NOTED OTHERWISE IN THE PLANS AND SPECIFICATIONS, IT SHALL BE THE DEVELOPERS DUTY TO ARRANGE ALL OTHER EXISTING OR PROPOSED PROJECT IMPROVEMENTS INCLUDING ALL UNDERGROUND STRUCTURES AND UTILITY LINES TO PROPERLY CLEAR WATER PIPE AS SPECIFIED BELOW

A) HORIZONTAL : 48 - INCHES OUTSIDE - TO - OUTSIDE FROM STORM DRAINS; 24 - INCHES OUTSIDE - TO - OUTSIDE FROM ALL OTHER;

B) VERTICAL : 12 - INCHES OUTSIDE - TO - OUTSIDE

23. THE CONTRACTOR IS TO NOTIFY THE AGENCY, TELEPHONE 661-940-9270, LANCASTER, AT LEAST THREE (3) WORKING DAYS BEFORE STARTING ANY WORK ON THIS PROJECT.

24. THE CONTRACTOR SHALL VERIFY THE SIZE, TYPE, CLASS, PROTECTIVE LINING AND COATING, AND DEPTH OF THE EXISTING WATER MAIN AND SHALL BE RESPONSIBLE FOR MAKING THE PROPER CONNECTIONS.

25. THE DEVELOPER MUST PROCEED WITH, AND COMPLETE, THE REQUIRED WATER SYSTEM IMPROVEMENTS WITHIN ONE YEAR OF THE DATE OF THE PERMIT. IF THE DEVELOPER DOES NOT COMPLY WITH THE PERMIT, THE AGENCY SHALL BE RESPONSIBLE FOR THE IMPROVEMENTS. IF NO IMPROVEMENTS HAVE COMMENCED WITHIN A 24-MONTH PERIOD FROM APPROVAL DATE, THE PLANS MUST BE RE-ISSUED BY THE DISTRICT.

26. METERED WATER SERVICE CONNECTIONS MAY ONLY BE INSTALLED AFTER RECEIPT AND PROCESSING OF WATER SERVICE APPLICATION BY THE AGENCY AND PAYMENT OF APPLICABLE CHARGES. IF SERVICES ARE NOT TO BE INSTALLED PER THIS PLAN, SEPARATE SPECIFICATIONS WILL THEN BE ISSUED BY THE AGENCY THEREFOR.

27. WHERE PUBLIC FIRE HYDRANTS ARE INSTALLED OR UPGRADED, THE CONTRACTOR SHALL INSTALL A TWO-WAY BLUE REFLECTIVE RAISED PAVEMENT MARKER (RPM) AT EACH END OF THE HYDRANT. THE CONTRACTOR SHALL COMPLY AND BE INSTALLED PER SECTION 214 "PAVEMENT MARKERS" OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. ONE MARKER SHALL BE INSTALLED PERPENDICULARLY TO THE FACE OF THE PAVEMENT AT EACH END OF THE HYDRANT. TWO MARKERS SHALL BE INSTALLED FROM THE CENTERLINE OF THE STREET ON THE HYDRANT SIDE OF THE STREET. (TWO MARKERS SHALL BE REQUIRED IN THE CITY OF LANCASTER).

28. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES, PIPES AND/OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF THE UTILITIES AND SHALL CONSTITUTE A GUARANTEE AS TO ANY PUBLIC OR PRIVATE UTILITIES, SHOWN OR NOT SHOWN HEREON. IT IS ALSO SUGGESTED THAT THE CONTRACTOR POTHOLE THE AREA PRIOR TO INSTALLATION TO BE SURE CONNECTIONS AND CROSSINGS CAN BE MADE ACCORDING TO PLAN. ANY CHANGES TO THE PLANS MUST BE APPROVED BY THE ENGINEER.

29. ASBESTOS CEMENT PIPE SHALL NOT BE CUT. A WHOLE SECTION LENGTH OF ACP SHALL BE REMOVED BY BREAKING THE JOINTS WHEN REQUIRED. REMOVAL SHALL BE IN ACCORDANCE WITH CAL-OSHA STANDARDS AND THE LAWS OF THE STATE OF CALIFORNIA. ABRASIVE SAWS FOR CUTTING THIS MATERIAL SHALL BE USED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF THE UTILITIES AND SHALL CONSTITUTE A GUARANTEE AS TO ANY PUBLIC OR PRIVATE UTILITIES, SHOWN OR NOT SHOWN HEREON. IT IS ALSO SUGGESTED THAT THE CONTRACTOR POTHOLE THE AREA PRIOR TO INSTALLATION TO BE SURE CONNECTIONS AND CROSSINGS CAN BE MADE ACCORDING TO PLAN. ANY CHANGES TO THE PLANS MUST BE APPROVED BY THE ENGINEER.

30. CONTRACTOR SHALL POSSESS A VALID "A", "C-34", OR "SC-34" CONTRACTORS LICENSE.

31. A DISTRICT APPROVED BACKFLOW PREVENTION ASSEMBLY, OF THE TYPE SPECIFIED, IS REQUIRED WHEN POTENTIAL BACKFLOW HAZARDS TO THE DISTRICT'S WATER SUPPLY EXIST. THE APPROVED ASSEMBLY SHALL BE INSTALLED ABOVE GROUND DIRECTLY AFTER THE METER. NO CONNECTIONS, EXCEPT AS SPECIFIED, SHALL BE MADE TO THE MAINS OR LATERALS FROM THE DISTRICT'S WATER SUPPLY. THE DISTRICT'S WATER SUPPLY IS THE PROPERTY OF THE DISTRICT. THE AGENCY WILL NOT BE RESPONSIBLE FOR THE LOCATION OF THE UTILITIES AND SHALL CONSTITUTE A GUARANTEE AS TO ANY PUBLIC OR PRIVATE UTILITIES, SHOWN OR NOT SHOWN HEREON. IT IS ALSO SUGGESTED THAT THE CONTRACTOR POTHOLE THE AREA PRIOR TO INSTALLATION TO BE SURE CONNECTIONS AND CROSSINGS CAN BE MADE ACCORDING TO PLAN. ANY CHANGES TO THE PLANS MUST BE APPROVED BY THE ENGINEER.

32. WATER MAINS TO BE ABANDONED:

A) THE WATER MAIN TO BE ABANDONED SHALL BE COMPLETELY DRAINED.

B) APPROXIMATELY EVERY 250 FEET MORE OR LESS, A SHORT SECTION OF WATER MAIN IS TO BE REMOVED AND EACH END OF THE WATER MAIN TO BE ABANDONED SHALL BE CONCRETE SEALED PER STANDARD PLAN W-22.

C) WHERE VALVES OR FITTINGS ARE REQUIRED TO BE REMOVED, THE EXISTING WATER MAIN OR FITTING TO REMAIN IN SERVICE SHALL BE BLIND AND THE REMOVED SECTION SHALL BE CONCRETE SEALED PER STANDARD PLAN W-22.

D) FOR ALL GATE VALVES THAT ARE ON A WATER MAIN, FIRE HYDRANT LATERAL, SERVICE CONNECTION LARGER THAN 2" DIAMETER, OR OTHER APPURTENANCES, EXCEPT FOR CONNECTIONS AND FITTINGS 2" AND SMALLER, THE CONTRACTOR SHALL REMOVE AND REPAIR THE VALVE AND THE REMAINING VALVE SHALL BE REPAIRED AND REPLACED TO THE SATISFACTION OF THE PERMIT INSPECTOR.

E) FOR ALL ABANDONED FIRE HYDRANTS AND AIR & VACUUM RELEASE VALVE ASSEMBLIES (ARV) ON AN ABANDONED WATER MAIN, THE FIRE HYDRANT BASE SHALL BE REMOVED AND BELOW GROUND POTHOLE DRAINED. AIR & VACUUM RELEASE VALVE SHALL BE CUT OFF BELOW GROUND FROM THE MAIN. THE REMAINING VALVE SHALL BE REPAIRED AND REPLACED TO THE SATISFACTION OF THE PERMIT INSPECTOR.

33. ALL BURIED PIPING, INCLUDING MAINS, HYDRANT LATERALS, FLUSHOUT LATERALS, AIR RELEASE VALVE LATERALS, AND OTHER APPURTENANCES SHALL BE INSTALLED WITH FACILITY IDENTIFICATION WARNING TAPE (SEE SPECIFICATIONS).

PROPOSED WATER MAIN

EXISTING WATER MAIN

PROPOSED SEWER AND MANHOLE

EXISTING SEWER AND MANHOLE

EXISTING/PROPOSED GAS LINE

EXISTING/PROPOSED ELECTRICAL

EXISTING/PROPOSED CABLE

EXISTING/PROPOSED TEL

STREET CENTER LINE

PROPERTY LINE

PRIVATE STREET LINE

EXISTING/PROPOSED A.C. PAVING

PROPOSED SIDEWALK AND DRIVEWAY

EXISTING SIDEWALK

FIRE HYDRANT 6" x 4" x 2 1/2" COMPLETE

GATE VALVE: FLANGED-BELL, FLANGED

TEE: ALL BELL, ALL FLANGED, MJ-MJ-FLANGED

ELBOW: ALL MJ, MJ x FLANGE, ALL FLANGED

DOMESTIC SERVICE CONNECTION & WATER METER

INTERCONNECTION

FINISH GRADE ELEVATION

EXISTING/PROPOSED RIGHT OF WAY LINE

FLUSHOUT ASSEMBLY: 4" x 2 1/2" COMPLETE

AIR AND VACUUM RELEASE VALVE ASSEMBLY

ADAPTERS: BELL x FLANGE, MJ x FLANGE

COUPLINGS: TRANSITION, FLEXIBLE FLANGED, D.I.P. TO D.I.P.

DETAIL CALLOUT BUBBLE

NUMBER OR LETTER INDICATES DETAIL OR SECTION DRAWING

PLANSHEET WHERE DETAIL CALLOUT APPEARS

PLANSHEET WHERE DETAIL APPEARS

NUMBER OF LOTS	98
NUMBER OF ACRES	30.8 AC
LANDSCAPE / IRRIGATION AREA SQ. FT / ACRES	1.55 AC
FEET OF WATERMAIN	8065 FT
PUBLIC FIRE FLOW, G.P.M. @ 20 PSI RESIDUAL *	1250
DURATION OF PUBLIC FIRE FLOW, HOURS *	1
ON-SITE FIRE FLOW, G.P.M. *	N/A
FIRE SPRINKLER DEMAND, G.P.M. *	20
* SUBJECT TO FIRE DEPARTMENT APPROVAL	
<hr/>	
HWL OF PRESSURE ZONE	2630
DISTRIBUTION SHEET.	K-47W

811 Know what's **below**.
Call before you dig.

ARTICLE 2, SECTION 4216 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT AT THE NUMBER ABOVE.

1. APPROVAL OF THESE PLANS DO NOT CONSTITUTE, IN ANY WAY, A COMMITMENT BY THE DISTRICT TO PROVIDE WATER SERVICE TO THIS PROJECT OR THE DEVELOPMENT.
2. FOR ALL DOMESTIC WATER METERS WITH STATIC PRESSURE OF 80 PSI OR GREATER, PRESSURE REGULATORS ARE REQUIRED TO BE INSTALLED AND MAINTAINED BY THE OWNER / DEVELOPER ON HIS/HER SIDE OF THE WATER METER PER LOS ANGELES COUNTY PLUMBING CODE, SECTION 1007.

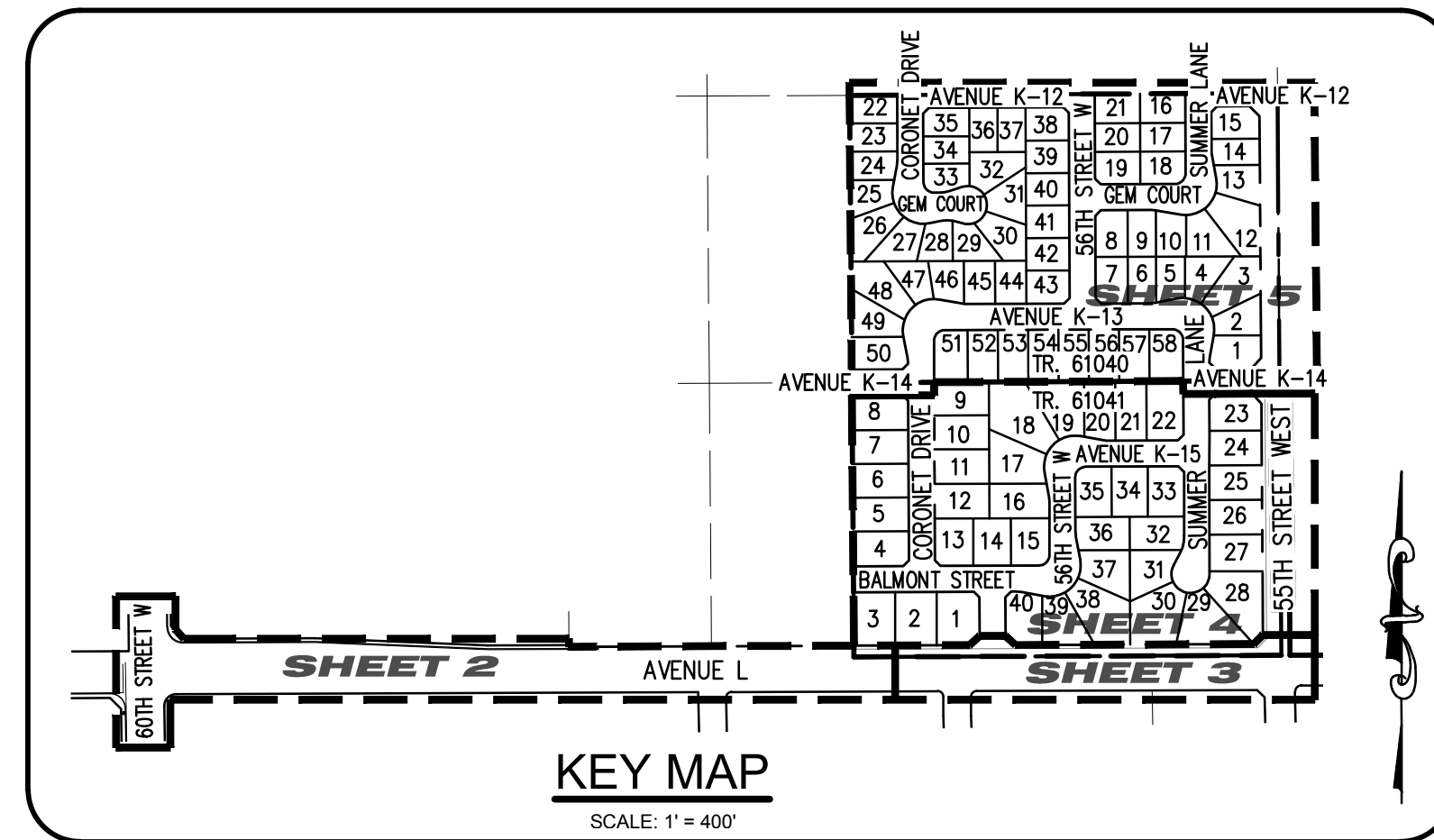
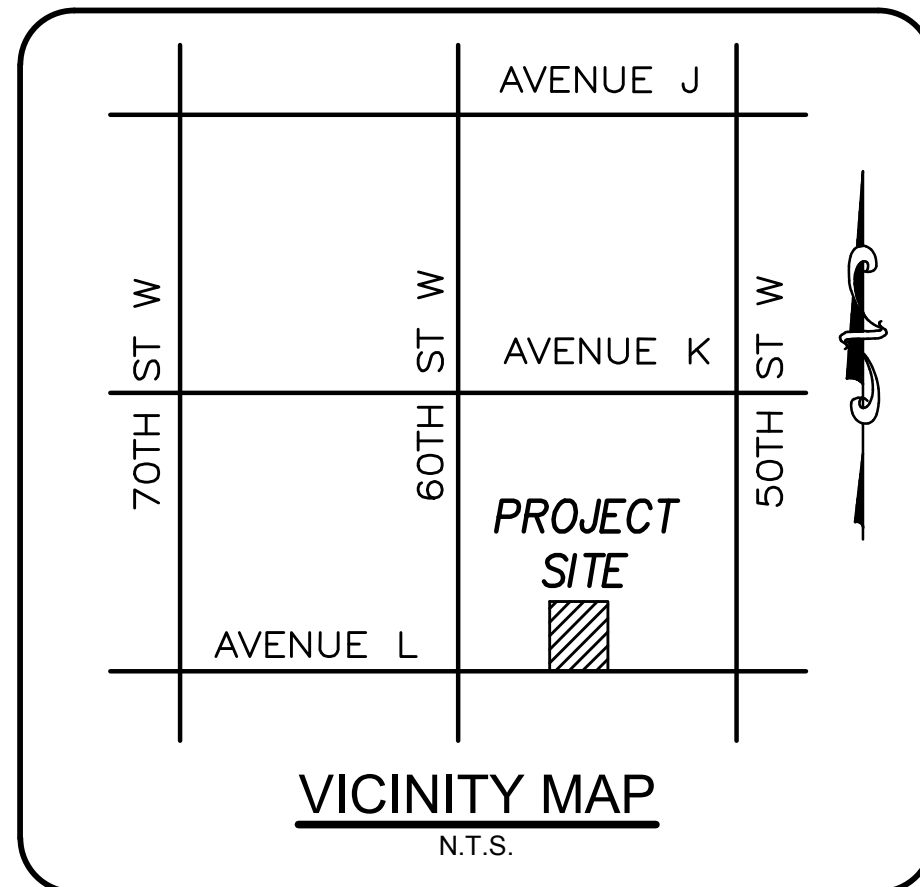
LANCASTER QUAD (2012 ADJ)

[illegible]

THE BEARINGS SHOWN HERE ON ARE BASED ON THE BEARING N89°51'38"E OF THE CENTERLINE OF AVENUE K AS SHOWN ON TRACT MAP NO. 060003, RECORDED IN BOOK 1306 PAGE(S) 27-31, OF TRACT MAPS, IN THE CITY OF LANCASTER, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA.

REVIEWED FOR COMPLIANCE
WITH DISTRICT REQUIREMENTS

ITEM NO.	DESCRIPTION	ENGINEERS' ESTIMATED QUANTITIES						
		SHEET NUMBER					TOTAL	UNIT
		2	3	4	5			
1	12" DIA. D.I. PIPE PR 350, CML & POLYETHYLENE WRAPPED	1150	1077	550	644	—	3421	LF
2	8" DIA. D.I. PIPE PR 350, CML & POLYETHYLENE WRAPPED	—	100	2497	2859	—	5456	LF
3	12" COUPLING ASSEMBLY (D.I.P. TO D.I.P.), EPOXY-LINED, CMC	1	—	—	—	—	1	EA
4	12" FLxMJ ADAPTER, D.I. PR 250, CL 125 FLG, WITH RETAINER GLANDS ON MJS, CML	26	14	2	5	—	47	EA
5	12" 11.25' ELBOW, DI, FLG x FLG, PR 250, CL 125 FLG, CML & POLYETHYLENE WRAPPED	4	—	—	—	—	4	EA
6	CONCRETE THRUST BLOCK PER LACWD STD PLAN W-21 (AS REQUIRED EVEN IF NOT SHOWN)	19	11	13	18	—	61	EA
7	12" GATE VALVE 200 PSI WWP, NRS, FLANGED CLASS 125 W/ ADJUSTABLE VALVE BOX PER LACWD STD. PLAN W-15	7	3	1	1	—	12	EA
8	12" x 12" x 8" TEE FLG'D, D.I. PR 250, CL 125 FLG, CML & POLYETHYLENE WRAPPED	—	1	1	1	—	3	EA
9	12" x 12" x 6" TEE FLG'D, D.I. PR 250, CL 125 FLG, CML & POLYETHYLENE WRAPPED	1	2	—	2	—	5	EA
10	FIRE HYDRANT ASSEMBLY, 6" x 4" x 2" 1/2", COMPLETE, PER LACWD STD PLAN W-9 (SEE NOTE 27 & 28) (W/ BRONZE HEAD)	—	1	—	—	—	1	EA
11	12" BLIND FLG., D.I., PR 250, CL 125, CML	6	1	—	1	—	8	EA
12	FIRE HYDRANT ASSEMBLY, 6" x 4" x 2" 1/2", COMPLETE, PER LACWD STD PLAN W-8 (SEE NOTE 27 & 28) (W/ BRONZE HEAD)	1	1	3	6	—	11	EA
13	12" x 12" x 12" TEE FLG'D, D.I. PR 250, CL 125 FLG, CML & POLYETHYLENE WRAPPED	4	1	—	—	—	5	EA
14	8" FLxMJ ADAPTER, D.I. PR 250, CL 125 FLG, WITH RETAINER GLANDS ON MJS, CML	—	1	29	30	—	60	EA
15	8" x 8" x 8" TEE FLG'D, D.I. PR 250, CL 125 FLG, CML & POLYETHYLENE WRAPPED	—	—	5	5	—	10	EA
16	8" x 4" — 90° REDUCING ELBOW, FLG, D.I., PR 250, FLG CL 125, CML & POLYETHYLENE WRAPPED	—	—	3	1	—	4	EA
17	4"x2 1/2" FLUSH OUT ASSEMBLY, 200 PSI WWP. (RIGHT ANGLE TO MAIN) PER LACWD STD PLAN W-33	—	—	3	1	—	4	EA
18	8" 90° ELBOW, DI, FLG x FLG, PR 250, CL 125 FLG, CML & POLYETHYLENE WRAPPED	—	—	2	4	—	6	EA
19	8" x 8" x 6" TEE FLG'D, D.I. PR 250, CL 125 FLG, CML & POLYETHYLENE WRAPPED	—	—	3	4	—	7	EA
20	1" WATER (DOMESTIC) SERVICE CONNECTION WITH AMR/AMI COMPATIBLE 3/4" x 1" METER, PER LACWD STD PLAN W-5 (SEE NOTES 8, 26, & 31)	—	—	40	58	—	98	EA
21	2" AIR-RELEASE AND VACUUM VALVE ASSEMBLY PER LACWD STD PLAN W-16	—	—	1	1	—	2	EA
22	8" BLIND FLG., D.I., PR 250, CL 125, CML	—	—	—	3	—	3	EA
23	8" GATE VALVE 200 PSI WWP, NRS, FLANGED ENDS CLASS 150 W/ ADJUSTABLE VALVE BOX PER LACWD STD. PLAN W-15	—	1	12	14	—	27	EA
24	12" 90° ELBOW, DI, FLG x FLG, PR 250, CL 125 FLG, CML & POLYETHYLENE WRAPPED	1	—	—	—	—	3	EA
25	ABANDON EXISTING WATER MAIN (SEE NOTE 29)	1	—	—	—	—	1	EA
26	6" BLIND FLG., D.I., PR 250, CL 125, CML	1	—	—	—	—	1	EA
27	12" x 12" x 12" TEE, STEEL SCH. 40, FLG x PE, FLG CL 150, CML & CMC	1	—	—	—	—	1	EA
28	12-3/4" DIA. STEEL PIPE SPOOL, SCH. 40, CML & CMC (SEE GENERAL NOTE 33)	AS REQUIRED						
29	12" 45° ELBOW, STEEL SCH. 40, FLG x PE, FLG CL 150, CML & CMC	—	12	—	—	—	12	EA
30	12" STL, SLP-ON WELD FLANGE, CL 150, CMC	1	6	—	—	—	7	EA
31	1" WATER (IRRIGATION) SERVICE CONNECTION WITH AMR/AMI COMPATIBLE 1" METER AND RP BACKFLOW DEVICE PER LACWD STD. PLAN W-5 (SEE NOTES 8, 26, & 31)	1	1	1	1	—	4	EA
32	12" FLEXIBLE FLANGED COUPLING ADAPTER, CL125 FLG, EPOXY LINED & CMC	1	—	—	—	—	1	EA
33	12" x 12" x 12" x 12" CROSS FLG'D, D.I. PR 250, CL 125 FLG, CML & POLYETHYLENE WRAPPED	2	—	—	—	—	2	EA



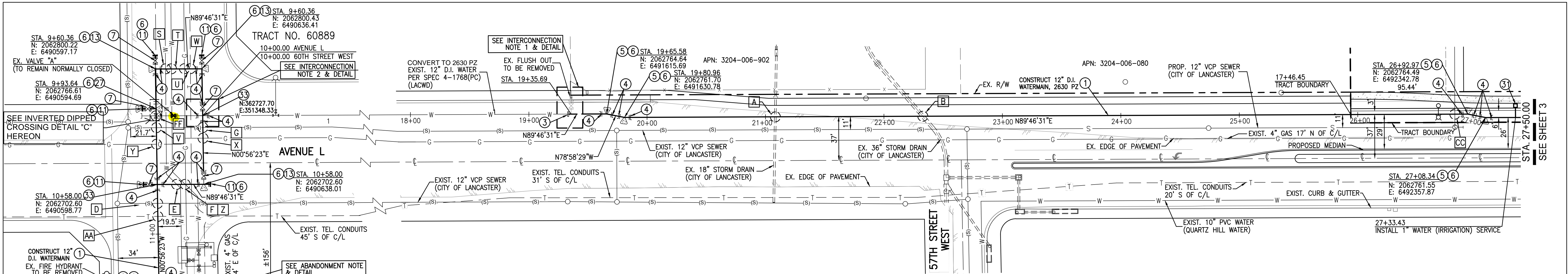
THIS DRAWING IS THE PROPERTY
OF THE LOS ANGELES COUNTY
WATERWORKS DISTRICTS. THE
INFORMATION SHOWN HEREON IS
NOT REPRESENTED OR WARRANTED
TO BE COMPLETE, ACCURATE OR
UP-TO-DATE. NO PERMISSION
IS GRANTED FOR IT TO BE
REPRODUCED OR COPIED.

REFER TO SECTION 7-10.4.1 OF THE STANDARD
SPECIFICATIONS REGARDING SAFETY ORDERS

LOS ANGELES COUNTY
WATERWORKS DISTRICT NO. 40, ANTELOPE VALLEY
SPEC. NO. WWD 4-2228 (PC)

DEVELOPER:	KB HOME 25152 SPRINGFIELD COURT, SUITE 250 VALENCIA, CA 91355 PHONE : (661) 219-6900
IMPROVEMENTS:	WATER SYSTEM IMPROVEMENTS FOR TRACTS 61040 & 61041
LOCATION:	NW COR OF 55TH STREET WEST AND AVENUE L
APN:	3204-006-111 & 3204-006-112

SHEET
1
OF
5
SHEETS



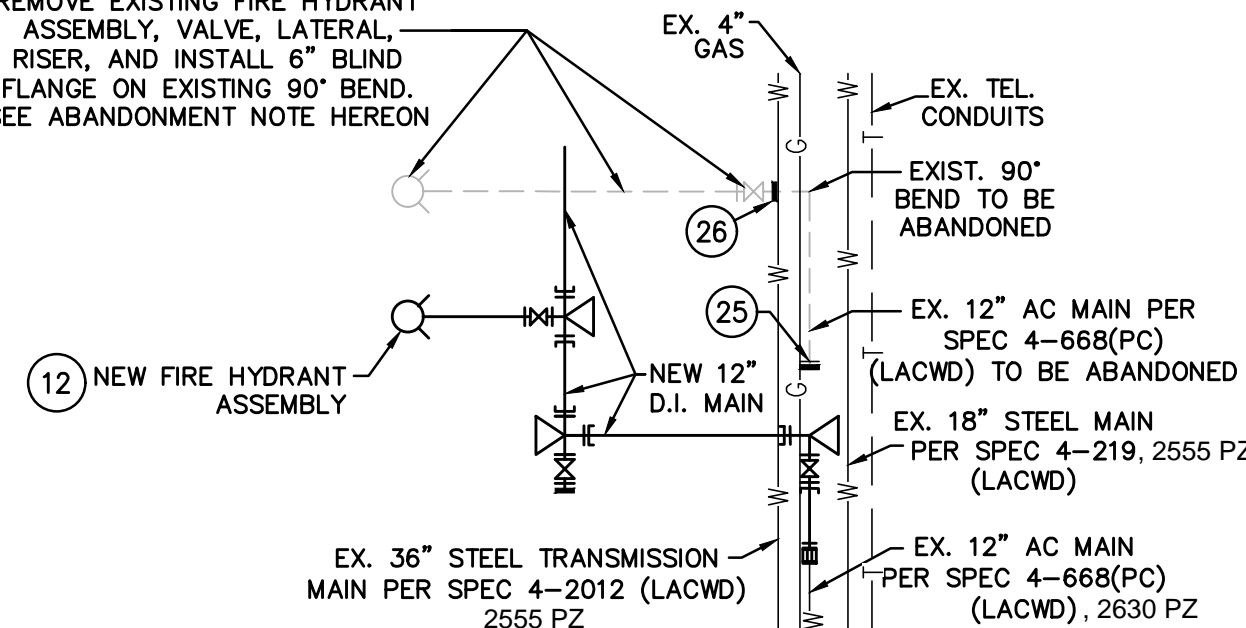
ABANDONMENT NOTE

AFTER COMPLYING WITH THE PROVISIONS OF GENERAL CONSTRUCTION NOTE 15 ON SHEET 1, AND AFTER EXISTING VALVE "C" HAS BEEN CLOSED BY DISTRICT PERSONNEL, THE CONTRACTOR, UNDER AGENCY SUPERVISION SHALL:

REMOVE THE EXISTING FIRE HYDRANT ASSEMBLY, VALVE, LATERAL AND RISER, INSTALL A 6" BLIND FLANGE (WITH THRUST BLOCK) ON EXISTING TEE, AND SEAL THE ENDS OF THE EXISTING 12" AC WATER MAIN WITH CONCRETE AND ABANDON IN PLACE, SEE LACWD STD. PLAN W-22. FILL VOID TO THE SATISFACTION OF THE AGENCY.

SEE GENERAL CONSTRUCTION NOTE 16 ON SHEET 1 OF THESE PLANS, REGARDING THE SALVAGE AND REUSE OF EXISTING MATERIALS.

REMOVE EXISTING FIRE HYDRANT ASSEMBLY, VALVE, LATERAL, RISER, AND INSTALL 6" BLIND FLANGE ON EXISTING 90° BEND, SEE ABANDONMENT NOTE HEREON



ABANDONMENT DETAIL

CLEARANCE TABLE

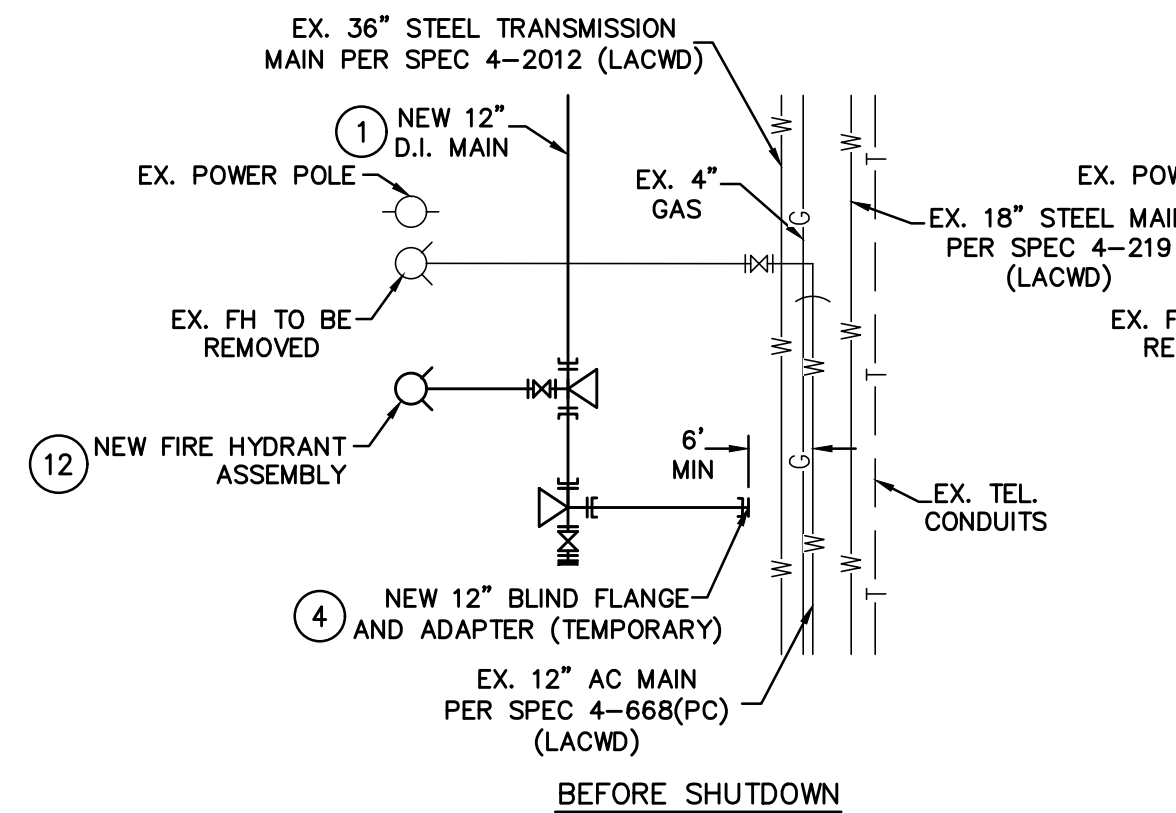
LOCATION OF CROSSING	LOT NO.	STA.	F.G. ELEV.	WATERMAIN			SEWER			STORM DRAIN			GAS & TELEPHONE			EXISTING WATER			CLEARANCE	INVERTED DIPPED CROSSING DETAIL	DIPPED CROSSING DETAIL
				TOP ELEV.	INVERT ELEV.	SIZE	TOP ELEV.	INVERT ELEV.	SIZE	TOP ELEV.	INVERT ELEV.	SIZE	TOP ELEV.	INVERT ELEV.	TYPE AND SIZE	TOP ELEV.	INVERT ELEV.	SIZE			
A	N/A	21+20	2424.90	2422.90	2421.80	12"	-	-	-	2420.70	2419.41	12"x 18"	-	-	-	-	-	-	1.10'	SEE DETAIL "A" ON SHT. 3	
B	N/A	22+45	2425.45	2422.20	2421.10	12"	-	-	-	2420.00	2416.48	36"	-	-	-	-	-	-	1.10'	SEE DETAIL "B" ON SHT. 3	
C	N/A	12+20	2426.09	2422.00	2420.90	12"	-	-	-	-	-	-	-	-	-	2418.23	2414.90	36"	2.67'		
D	N/A	10+74	2425.24	2421.24	2420.14	12"	2414.20	2413.10	12"	-	-	-	-	-	-	-	-	-	5.94'		
E	N/A	10+58	2425.05	2420.80	2419.70	12"	-	-	-	-	-	-	-	-	-	2416.77	2413.44	36"	2.93'		
F	N/A	10+58	2425.00	2420.80	2419.70	12"	-	-	-	-	-	-	-	-	-	2417.48	2415.88	18"	2.22'		
G	N/A	10+10	2424.15	2419.70	2418.60	12"	2408.84	2407.67	12"	-	-	-	-	-	-	-	-	-	9.76'		
R	N/A	12+25	2426.09	2422.00	2420.90	12"	-	-	-	-	-	-	2424.09	2423.72	4"G	-	-	-	1.72'		
S	N/A	9+60	2424.34	2420.10	2419.00	12"	-	-	-	-	-	-	-	-	-	2415.17	2411.84	36"	3.83'		
T	N/A	9+60	2424.34	2420.10	2419.00	12"	-	-	-	-	-	-	-	-	-	2416.67	2415.07	18"	2.33'		
U	N/A	9+60	2424.14	2420.10	2419.00	12"	-	-	-	-	-	-	2422.10	2421.73	-	-	-	-	1.63'		
V	N/A	10+10	2424.58	2419.70	2418.60	12"	2408.73	2407.56	12"	-	-	-	-	-	-	-	-	-	9.87'		
W	N/A	9+60	2424.14	2420.10	2419.00	12"	-	-	-	-	-	-	2421.74	2421.37	4"T	-	-	-	1.27'		
X	N/A	10+19	2424.68	2419.70	2418.60	12"	-	-	-	-	-	-	2421.20	2420.84	4"G	-	-	-	1.14'		
Y	N/A	10+24	2424.82	2419.70	2418.60	12"	-	-	-	-	-	-	2421.30	2420.94	4"G	-	-	-	1.24'		
Z	N/A	10+58	2425.00	2420.80	2419.70	12"	-	-	-	-	-	-	2416.86	2416.50	4"G	-	-	-	2.84'		
AA	N/A	10+85	2425.35	2421.24	2420.14	12"	-	-	-	-	-	-	2422.80	2422.44	4"T	-	-	-	1.20'		
BB	N/A	11+51	2424.77	2421.90	2421.36	6"	2413.76	2412.66	12"	-	-	-	-	-	-	-	-	-	7.60'		
CC	N/A	26+82	2427.73	2423.02	2421.92	12"	2413.53	2412.19	15"	-	-	-	-	-	-	-	-	-	8.39'		
FF	N/A	26+82	2424.53	2418.43	2417.33	12"	-	-	-	-	-	-	-	-	-	2420.53	2419.43	-	1.00'	SEE DETAIL "C" ON SHT. 3	

INTERCONNECTION NOTE 3

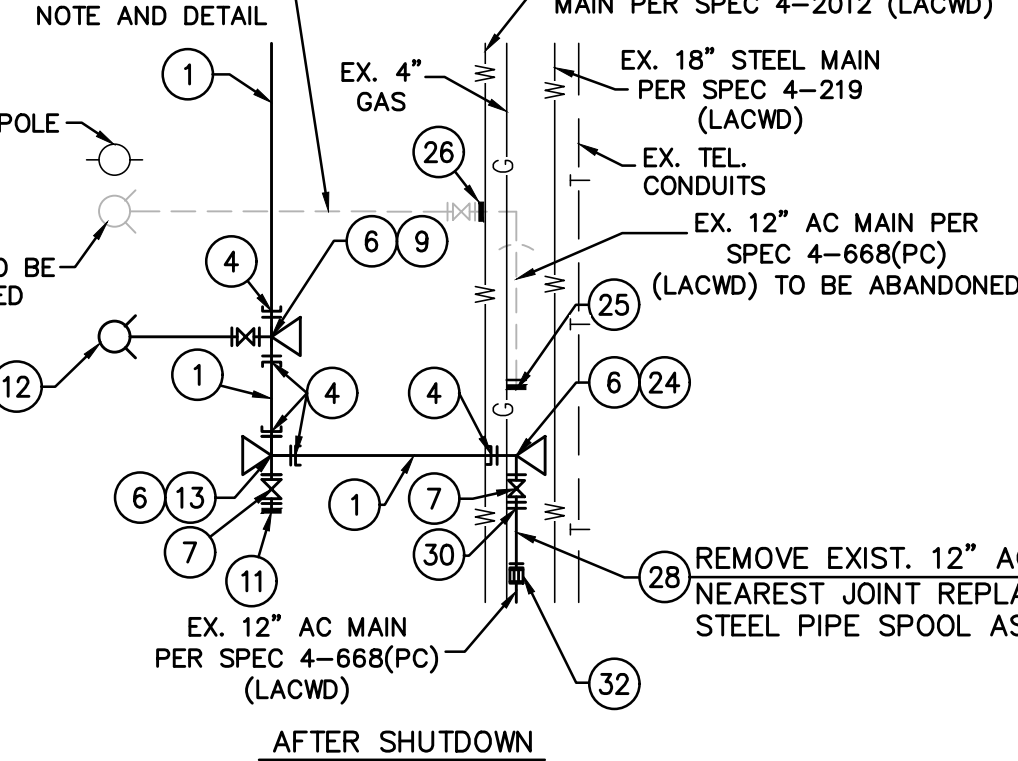
NOTE THAT THE NEW WATERMAIN AND EXISTING WATERMAIN MUST HAVE MINIMUM 6FT SEPARATION PRIOR TO SHUTDOWN. AFTER COMPLYING WITH THE PROVISION OF GENERAL CONSTRUCTION NOTE 15 ON SHEET 1, INCLUDING PASSING THE BACTERIOLOGICAL AND PRESSURE TESTS, AND AFTER EXISTING VALVES "B", "C", AND "D" HAVE BEEN CLOSED BY THE DISTRICT PERSONNEL, THE CONTRACTOR, UNDER AGENCY SUPERVISION SHALL:

REMOVE EXISTING 12" AC PIPE TO NEAREST JOINT PER GENERAL NOTE 29 AND INSTALL 12" FLEXIBLE FLANGED COUPLING (AC TO STEEL), REPLACE INTERFERING AC PIPE WITH 12" STEEL PIPE SPOOL, THEN INSTALL THE 12" SUB-ON WELD FLANGE, 12" GATE VALVE, 12" 90° FLANGED ELBOW, THRUST BLOCK, AND COMPLETE THE INTERCONNECTION AS SHOWN ON PLAN.

MAXIMUM SHUTDOWN SHALL NOT EXCEED 3 HOURS. CONTRACTOR SHALL NOTIFY THE FIRE DEPARTMENT AND AGENCY CUSTOMERS AFFECTED BY SHUTDOWN A MINIMUM OF 48 HOURS IN ADVANCE OF LOSS OF SERVICE.

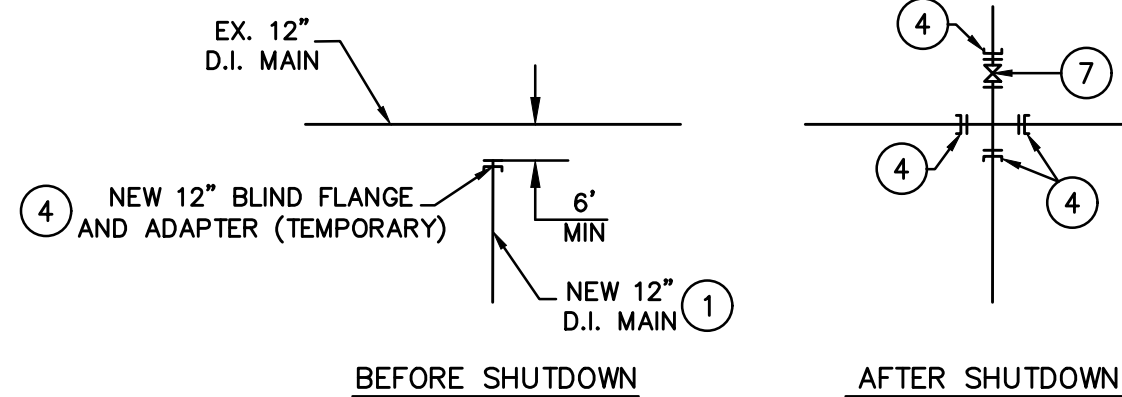


SEE ABANDONMENT NOTE AND DETAIL



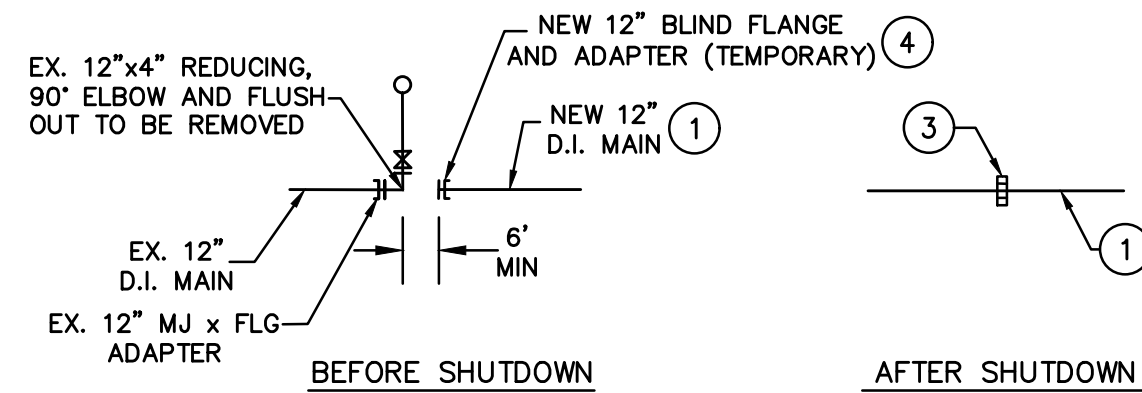
INTERCONNECTION NOTE 2

NOTE THAT THE NEW WATERMAIN AND EXISTING WATERMAIN MUST HAVE MINIMUM 6FT SEPARATION PRIOR TO SHUTDOWN. AFTER COMPLYING WITH THE PROVISIONS OF GENERAL CONSTRUCTION NOTE 15 ON SHEET 1, INCLUDING PASSING THE BACTERIOLOGICAL AND PRESSURE TESTS, AND AFTER EXISTING VALVES "A" AND "B" HAVE BEEN CLOSED BY THE DISTRICT PERSONNEL, THE CONTRACTOR, UNDER AGENCY SUPERVISION SHALL REMOVE THE INTERFERING PORTION OF 12" DUCTILE IRON PIPE, THEN INSTALL THE 12"X12"X12" FLANGED CROSS, 12" GATE VALVE, 12" DUCTILE IRON PIPE, AND 12" MJ x FLG ADAPTERS TO COMPLETE THE INTERCONNECTION AS SHOWN ON THE PLAN. VALVE "A" TO BE NORMALLY CLOSED FOLLOWING INTERCONNECTION. MAXIMUM SHUTDOWN SHALL NOT EXCEED 3 HOURS. CONTRACTOR SHALL NOTIFY THE FIRE DEPARTMENT AND AGENCY CUSTOMERS AFFECTED BY SHUTDOWN A MINIMUM OF 48 HOURS IN ADVANCE OF LOSS OF SERVICE.



INTERCONNECTION NOTE 1

NOTE THAT THE NEW WATERMAIN AND EXISTING WATERMAIN MUST HAVE MINIMUM 6FT SEPARATION PRIOR TO SHUTDOWN. AFTER COMPLYING WITH THE PROVISIONS OF GENERAL CONSTRUCTION NOTE 15 ON SHEET 1, INCLUDING PASSING THE BACTERIOLOGICAL AND PRESSURE TESTS, AND AFTER EXISTING VALVES "A" AND "B" HAVE BEEN CLOSED BY THE DISTRICT PERSONNEL, THE CONTRACTOR, UNDER AGENCY SUPERVISION SHALL REMOVE THE EXISTING FLUSHOUT ASSEMBLY, THE 12"x4" FLANGED REDUCING ELBOW, THRUST BLOCK, AND 12" MJxFLG ADAPTER, THEN INSTALL THE 12" COUPLING ASSEMBLY (D.I.P. TO D.I.P.), 12" DUCTILE IRON PIPE, AND COMPLETE THE INTERCONNECTION AS SHOWN ON THE PLAN. VALVE "A" TO BE NORMALLY CLOSED FOLLOWING INTERCONNECTION. MAXIMUM SHUTDOWN SHALL NOT EXCEED 3 HOURS. CONTRACTOR SHALL NOTIFY THE FIRE DEPARTMENT AND AGENCY CUSTOMERS AFFECTED BY SHUTDOWN A MINIMUM OF 48 HOURS IN ADVANCE OF LOSS OF SERVICE. ALL SALVAGED MATERIALS SHALL BE HANDLED IN ACCORDANCE WITH GENERAL CONSTRUCTION NOTE 16.



THIS DRAWING IS THE PROPERTY OF THE LOS ANGELES COUNTY WATERWORKS DISTRICTS. THE INFORMATION SHOWN HEREON IS NOT REPRESENTED OR WARRANTED TO BE COMPLETE, ACCURATE OR UP-TO-DATE. NO PERMISSION IS GRANTED FOR IT TO BE REPRODUCED OR COPIED.

REFER TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS

NO.	DATE	REVISION	SUBMIT BY	APPROVED BY



UNITED CIVIL INC
30141 Agoura Road, Suite 215
Agoura Hills, CA 91301
PH: (818) 707-8648

Siue Huat
SIUEHUAT NO. RCE 46026
1/3/2024
DATE

LACWD
LOS ANGELES COUNTY WATERWORKS DISTRICTS
LOS ANGELES COUNTY PUBLIC WORKS

FOR DISTRICT USE ONLY
PLAN CHECKER SK/JD UNIT HD. APPR. E.P.

APPROVED BY: *[Signature]*
ASSISTANT DEPUTY DIRECTOR
DATE

LOS ANGELES COUNTY
WATERWORKS DISTRICT NO. 40, ANTELOPE VALLEY
SPEC. NO. WWD 4-2228 (PC)

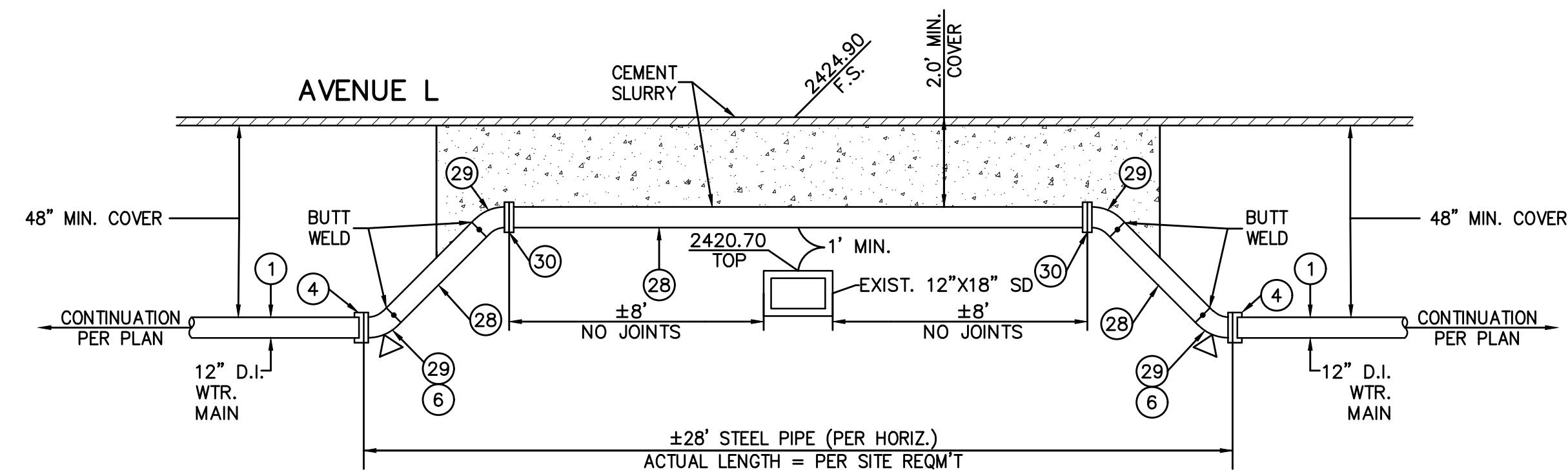
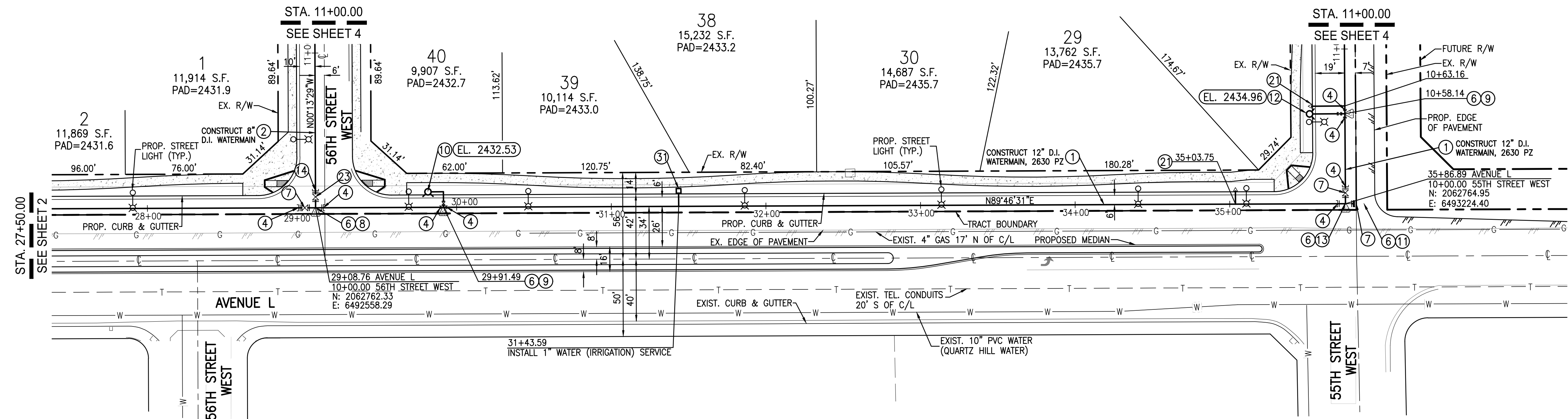
DEVELOPER: KB HOME
25152 SPRINGFIELD COURT, SUITE 250
VALERIA, CA 91350
PHONE: (661) 219-6900
WATER SYSTEM IMPROVEMENTS
FOR TRACTS 61040 & 61041

IMPROVEMENTS: NW COR. OF 55TH STREET WEST AND AVENUE L

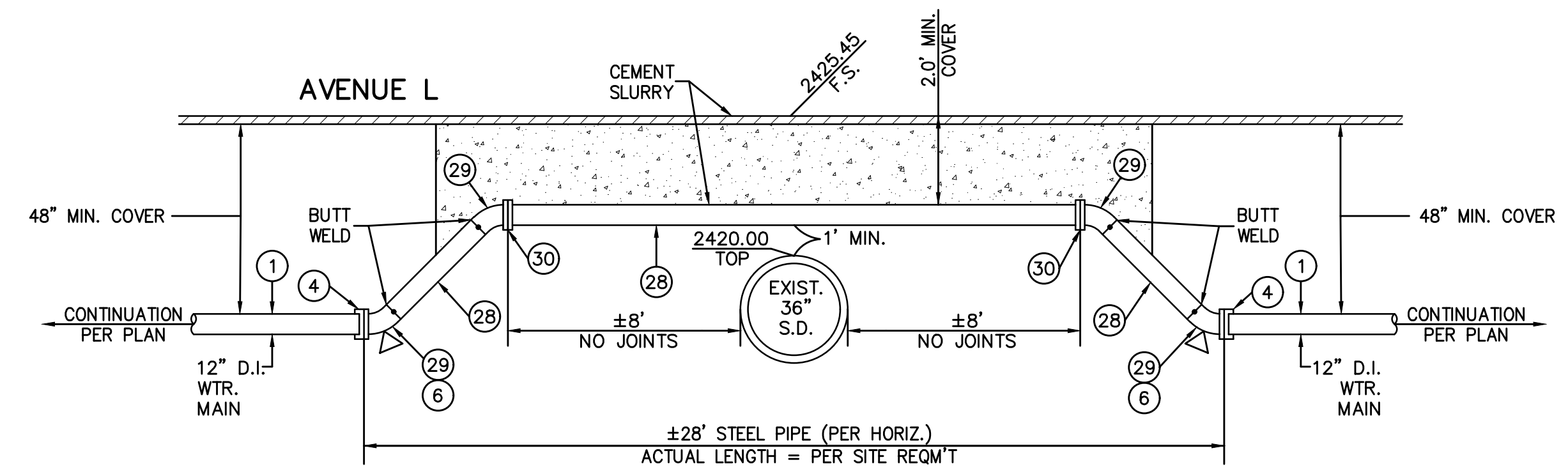
LOCATION: APN: 3204-006-111 & 3204-006-112

JOB NO. Y5046695
INQUIRY NO. 138173-04
DWG. NO. WWD 4-2228.PC.2

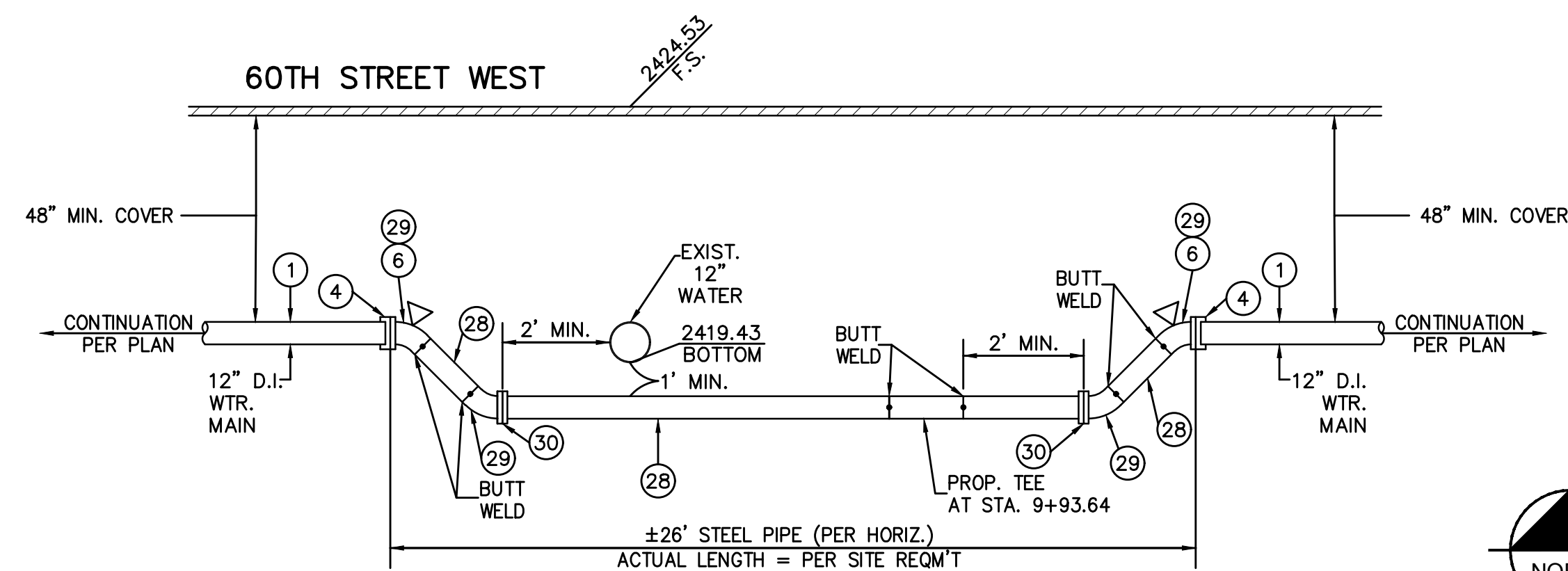
SHEET 2 OF 5 SHEETS



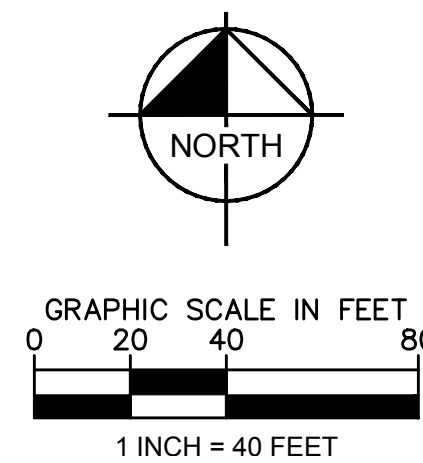
INVERTED DIP CROSSING DETAIL "A"
(LOOKING NORTH)
NTS



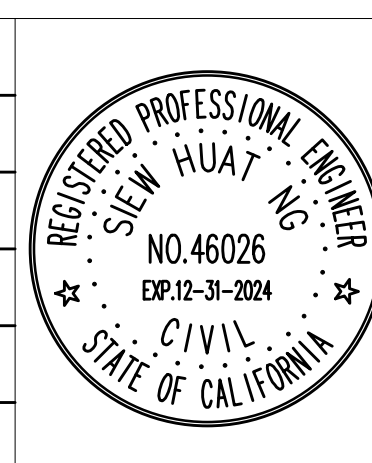
INVERTED DIP CROSSING DETAIL "B"
(LOOKING NORTH)
NTS



DIPPED CROSSING DETAIL "C"
(LOOKING WEST)
NTS



NO.	DATE	REVISION	SUBMIT BY	APPROVED BY



UNITED CIVIL INC.
30141 Agoura Road, Suite 215
Agoura Hills, CA 91301
PH: (818) 707-8648

Siew Huat Ng 1/3/2024
SIEW HUAT NG RCE 46026 DATE

LACWD
LOS ANGELES COUNTY WATERWORKS DISTRICTS
LOS ANGELES COUNTY PUBLIC WORKS

FOR DISTRICT USE ONLY PLAN SK/JD UNIT NO. APPR. E.T.

APPROVED BY: *[Signature]* DATE

ASSISTANT DEPUTY DIRECTOR

LOS ANGELES COUNTY
WATERWORKS DISTRICT NO. 40, ANTELOPE VALLEY
SPEC. NO. WWD 4-2228 (PC)

DEVELOPER: KB HOME
25152 SPRINGFIELD COURT, SUITE 250
VALENCIA, CA 91355
PHONE: (661) 218-6900
WATER SYSTEM IMPROVEMENTS
FOR TRACTS 61040 & 61041

IMPROVEMENTS: NW COR OF 55TH STREET WEST AND
AVENUE L

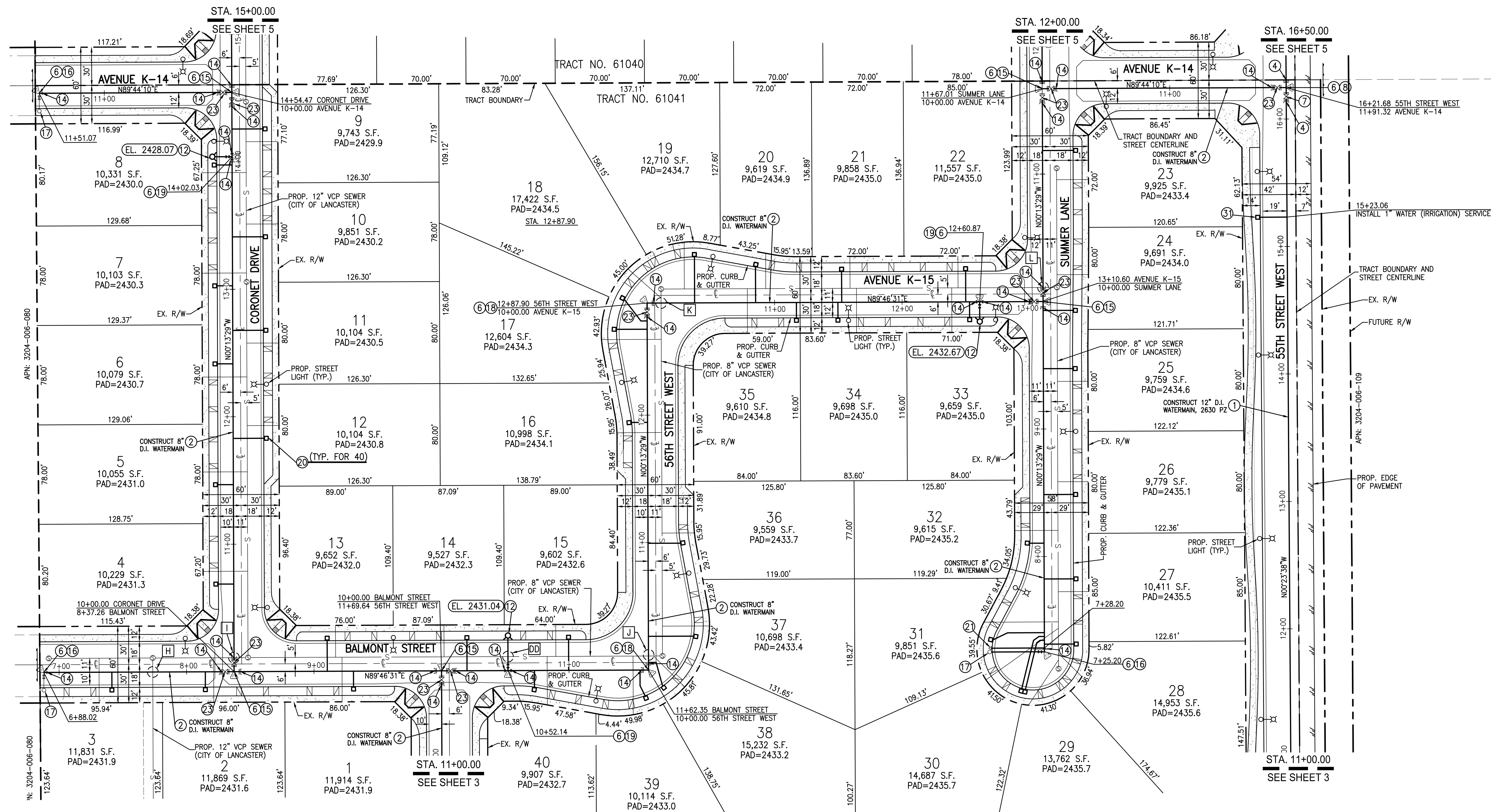
LOCATION: APN: 3204-006-111 & 3204-006-112

JOB NO. Y5046695
INQUIRY NO. 138173-04
DWS. NO. WWD 4-2228.PC.2

SHEET **3** OF **5** SHEETS

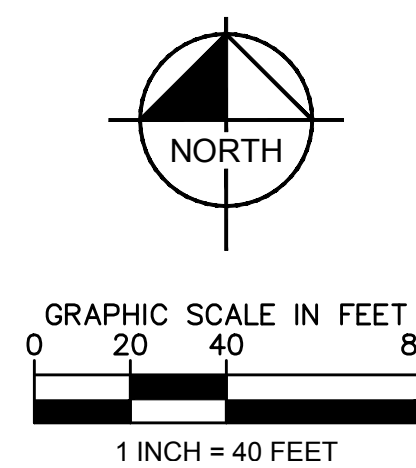
THIS DRAWING IS THE PROPERTY OF THE LOS ANGELES COUNTY WATERWORKS DISTRICTS. THE INFORMATION SHOWN HEREON IS NOT REPRESENTED OR WARRANTED TO BE COMPLETE, ACCURATE OR UP-TO-DATE. NO PERMISSION IS GRANTED FOR IT TO BE REPRODUCED OR COPIED.

REFER TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS

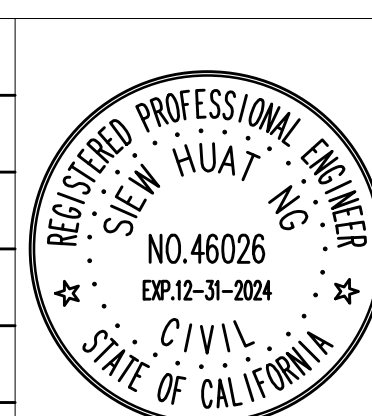


CLEARANCE TABLE

LOCATION OF CROSSING	LOT NO.	STA.	F.G. ELEV.	WATERMAIN			SEWER			CLEARANCE
				TOP ELEV.	INVERT ELEV.	SIZE	TOP ELEV.	INVERT ELEV.	SIZE	
[H]	3	7+74	2429.55	2425.63	2424.88	8"	2413.22	2412.47	8"	11.66'
[I]	2	10+11	2429.34	2425.63	2424.88	8"	2414.08	2412.98	12"	10.80'
[J]	38	10+11	2431.54	2427.66	2426.91	8"	2417.20	2416.45	8"	9.71'
[K]	18	12+99	2432.86	2429.13	2428.38	8"	2420.24	2419.49	8"	8.14'
[L]	24	10+11	2432.00	2428.43	2427.68	8"	2422.87	2422.12	8"	4.81'
[DD]	15	10+52	2430.90	2427.00	2426.46	6"	2416.10	2415.35	8"	10.36'



NO.	DATE	REVISION	SUBMIT BY	APPROVED BY



UNITED CIVIL INC
 30141 Agoura Road, Suite 215
 Agoura Hills, CA 91301
 PH: (818) 707-8648

Siew Huat Ng 1/3/2024
 SIEWHUAT NG RCE 46026 DATE

LACWD
 LOS ANGELES COUNTY WATERWORKS DISTRICTS
 LOS ANGELES COUNTY PUBLIC WORKS

FOR DISTRICT USE ONLY PLAN CHECKER SKJJD UNIT HD APPR. ETC.

APPROVED BY: *[Signature]* DATE

ASSISTANT DEPUTY DIRECTOR

LOS ANGELES COUNTY
 WATERWORKS DISTRICT NO. 40, ANTELOPE VALLEY
 SPEC. NO. WWD 4-2228 (PC)

DEVELOPER: KB HOME 25152 SPRINGFIELD COURT, SUITE 250 VALLEJO, CA 94590 PHONE: (460) 218-6900 WATER SYSTEM IMPROVEMENTS FOR TRACTS 61040 & 61041

IMPROVEMENTS: NW COR OF 55TH STREET WEST AND AVENUE L

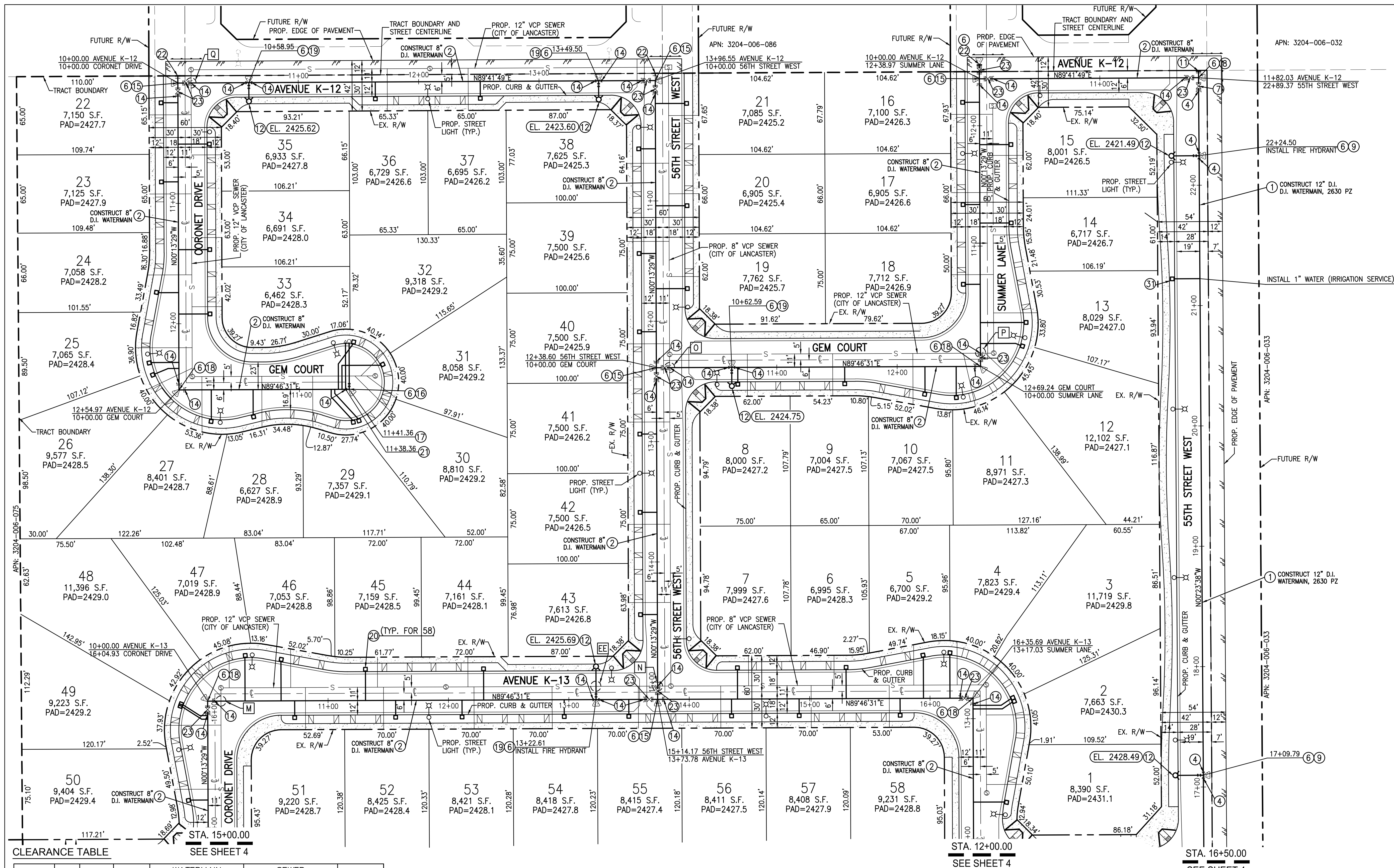
LOCATION: APN: 3204-006-111 & 3204-006-112

JOB NO. Y5046695
 INQUIRY NO. 138173-04
 DWS NO. WWD 4-2228.PC.3

SHEET **4** OF **5** SHEETS

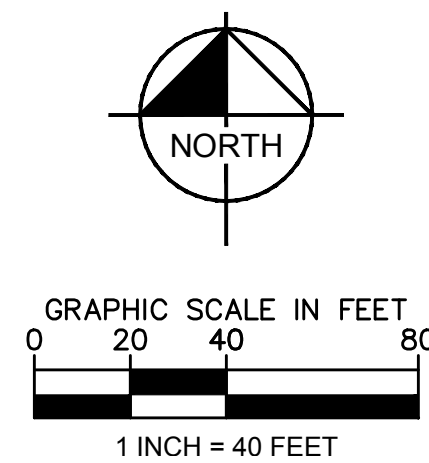
THIS DRAWING IS THE PROPERTY OF THE LOS ANGELES COUNTY WATERWORKS DISTRICTS. THE INFORMATION SHOWN HEREON IS NOT REPRESENTED OR WARRANTED TO BE COMPLETE, ACCURATE OR UP-TO-DATE. NO PERMISSION IS GRANTED FOR IT TO BE REPRODUCED OR COPIED.

REFER TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS

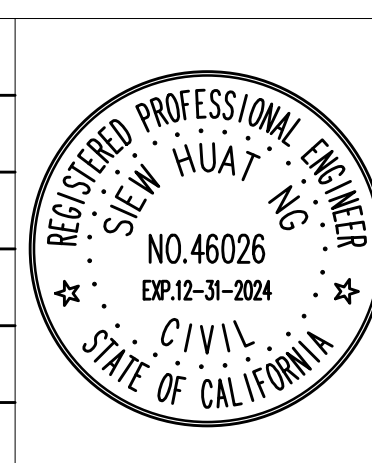


CLEARANCE TABLE

LOCATION OF CROSSING	LOT NO.	STA.	F.G. ELEV.	WATERMAIN		SEWER		CLEARANCE
				TOP ELEV.	INVERT ELEV.	SIZE	TOP ELEV.	
M	48	10+11	2426.80	2423.24	2422.49	8"	2415.91	6.50'
N	55	15+03	2425.00	2421.14	2420.39	8"	2417.09	3.22'
O	40	10+11	2424.07	2420.57	2419.82	8"	2417.94	1.80'
P	12	12+80	2424.36	2420.75	2420.00	8"	2418.78	1.14'
Q	22	10+11	2425.58	2422.08	2421.33	8"	2420.08	1.17'
EE	43	13+23	2425.26	2421.20	2420.66	6"	2416.97	3.69'



NO.	DATE	REVISION	SUBMIT BY	APPROVED BY



UNITED CIVIL INC
30141 Agoura Road, Suite 215
Agoura Hills, CA 91301
PH: (818) 707-8648

Siew Huat Ng 1/3/2024
SIEWHUAT NG RCE 46026 DATE

LACWD
LOS ANGELES COUNTY WATERWORKS DISTRICTS
LOS ANGELES COUNTY PUBLIC WORKS

FOR DISTRICT USE ONLY PLAN SKJD UNIT HD APPR. ETC.

APPROVED BY: *[Signature]* DATE: *[Blank]*
ASSISTANT DEPUTY DIRECTOR

LOS ANGELES COUNTY
WATERWORKS DISTRICT NO. 40, ANTELOPE VALLEY
SPEC. NO. WWD 4-2228 (PC)

DEVELOPER: KB HOME
25152 SPRINGFIELD COURT, SUITE 250
VALLEJO, CA 94590
PHONE: (415) 218-6900
FAX: (415) 218-6901
WATER SYSTEM IMPROVEMENTS
FOR TRACTS 61040 & 61041

LOCATION: NW COR. OF 55TH STREET WEST AND
AVENUE L

APN: 3204-006-111 & 3204-006-112

JOB NO. Y5046695
INQUIRY NO. 138173-04
DWS NO. WWD 4-2228.PC.4

SHEET **5** OF **5** SHEETS

THIS DRAWING IS THE PROPERTY OF THE LOS ANGELES COUNTY WATERWORKS DISTRICTS. THE INFORMATION SHOWN HEREON IS NOT REPRESENTED OR WARRANTED TO BE COMPLETE, ACCURATE OR UP-TO-DATE. NO PERMISSION IS GRANTED FOR IT TO BE REPRODUCED OR COPIED.

REFER TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS