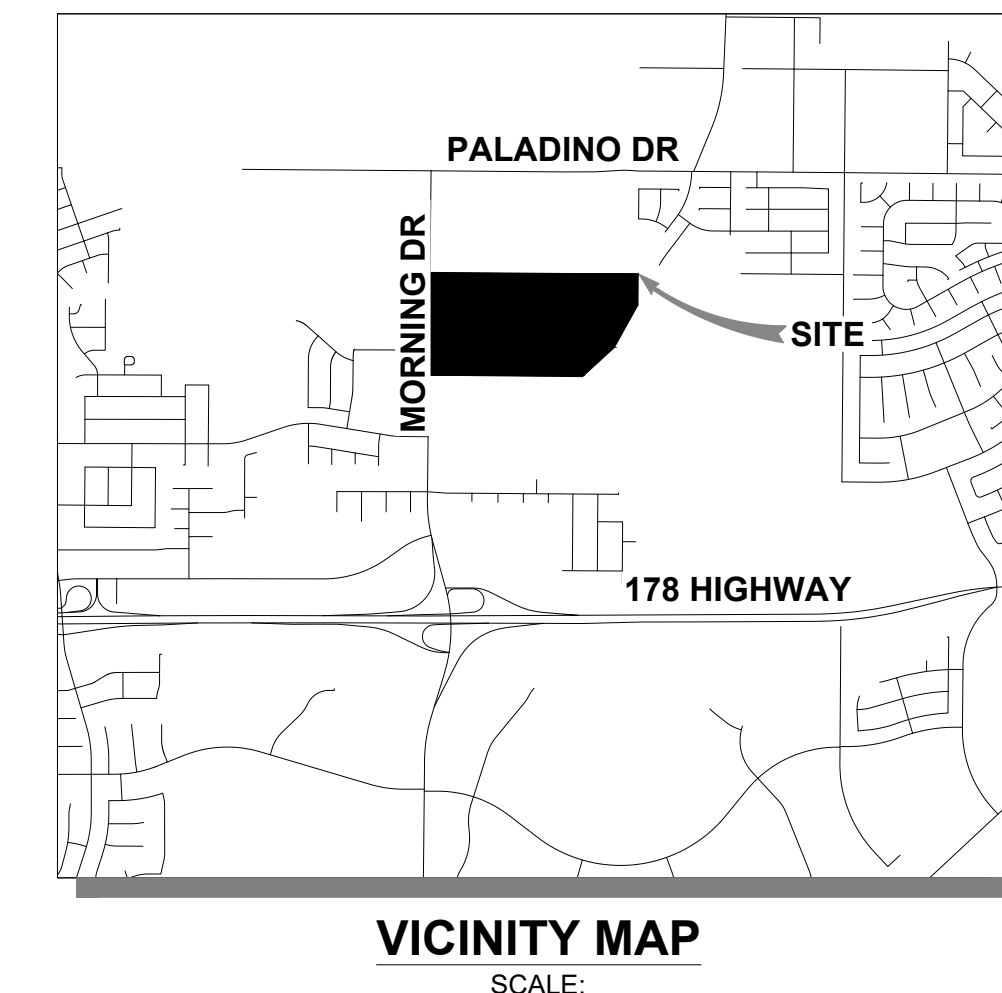


WATER IMPROVEMENT PLANS TRACT MAP 7515 PHASE 01

CITY OF BAKERSFIELD, COUNTY OF KERN, STATE OF CALIFORNIA



TRACT MAP NO. 7515 PHASE 1
WATER IMPROVEMENT PLANS
COVER SHEET

AES
AUTHORITY ENGINEERING SURVEYING
CIVIL ENGINEERING | LAND SURVEYING | PLANNING
5055 CALIFORNIA AVE STE 101, BAKERSFIELD, CA 93309

REVIEWED BY:	NO.	DATE	REVISION
BY CK			



APPROVED BY: #####
CHECKED BY: #####
DRAWN BY: RS
PROJECT NO. 25-019
SHEET NO. 1 of 11

W1.0

ITEM	QUANTITY
6" C-900 PVC. DR 18	4125 LF
5/8" WATER LATERALS	58 EA.
2" WATER METER W/BOX	58 EA.
6" FIRE HYDRANT ASSEMBLY	1 EA.
TIE-IN TO EXISTING MAIN	1 EA.
CONCRETE THRUST BLOCK	XXXX

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

THE EXISTANCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THIS PLAN.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THIS PLAN.

ENGINEERING SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA. CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (811) TWO WORKING DAYS PRIOR TO CONSTRUCTION.

ENGINEER'S STATEMENT

THESE PLANS AND SPECIFICATIONS WERE PREPARED BY ME OR UNDER MY DIRECTION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLY WITH THE COUNTY OF KERN ORDINANCES, STANDARDS AND DESIGN CRITERIA AND INCLUDE ALL IMPROVEMENT REQUIREMENTS OF THE ADVISORY AGENCY OR OTHER REVIEW BOARD.

ANY ERRORS OMISSIONS, OR OTHER VIOLATIONS OF THOSE ORDINANCES, STANDARDS, OR DESIGN CRITERIA ENCOUNTERED DURING CONSTRUCTION SHALL BE CORRECTED AND SUCH CORRECTIONS REFLECTED ON CORRECTED PLANS SUBMITTED TO THE COUNTY ENGINEER.

NICO GARZA R.C.E. 96294 _____ DATE _____

DEVELOPMENT CONTACTS

OWNER / APPLICANT 5801 MORNING DRIVE, LLC 1187 NORTH WILLOW AVENUE SUITE 103 CLOVIS, CA 93611 CONTACT: JASON PRITCHARD PH: 661-407-9429 EMAIL: JASON@JASONPRITCHARD.COM	ENGINEER & SURVEYOR AUTHORITY ENGINEERING AND SURVEYING 5055 CALIFORNIA AVE, SUITE 101 BAKERSFIELD, CA 93309 CONTACT: NICO GARZA PH: 661-699-4932 EMAIL: PROJECTS@AESPROFESSIONALS.COM
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SITE ADDRESS

PROPERTY EAST OF EAGLE RIDGE STREET BETWEEN MORNING DRIVE AND RIVANI DRIVE IN BAKERSFIELD, CA 93306 BEING THE ENTIRETY OF APN 531-01-102.

SITE PROJECT INFORMATION

SITE AREA = 67.00 AC (2,918,603 SF)

LEGAL DESCRIPTION

APN #531-011-02
REAL PROPERTY IN THE CITY OF BAKERSFIELD, COUNTY OF KERN, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

BEING A DIVISION OF A PORTION OF THE NORTHWEST QUARTER OF SECTION 18, TOWNSHIP 29 SOUTH, RANGE 29 EAST, M.D.M., CITY OF BAKERSFIELD, COUNTY OF KERN, STATE OF CALIFORNIA, BEING DESCRIBE AS FOLLOWS:

THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18.

THIS LEGAL DESCRIPTION IS MADE PURSUANT TO THAT CERTIFICATE APPROVING A CERTIFICATE OF COMPLIANCE PARCEL MAP WAIVER NO. 05-1050 SHOWN AS PARCEL B, RECORDED FEBRUARY 22, 2006 AS INSTRUMENT NO. 06-43124 OF OFFICIAL RECORDS.

BENCHMARK USED

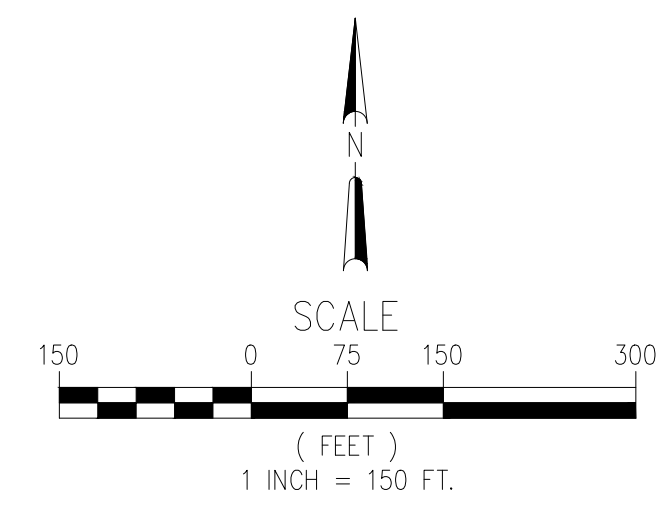
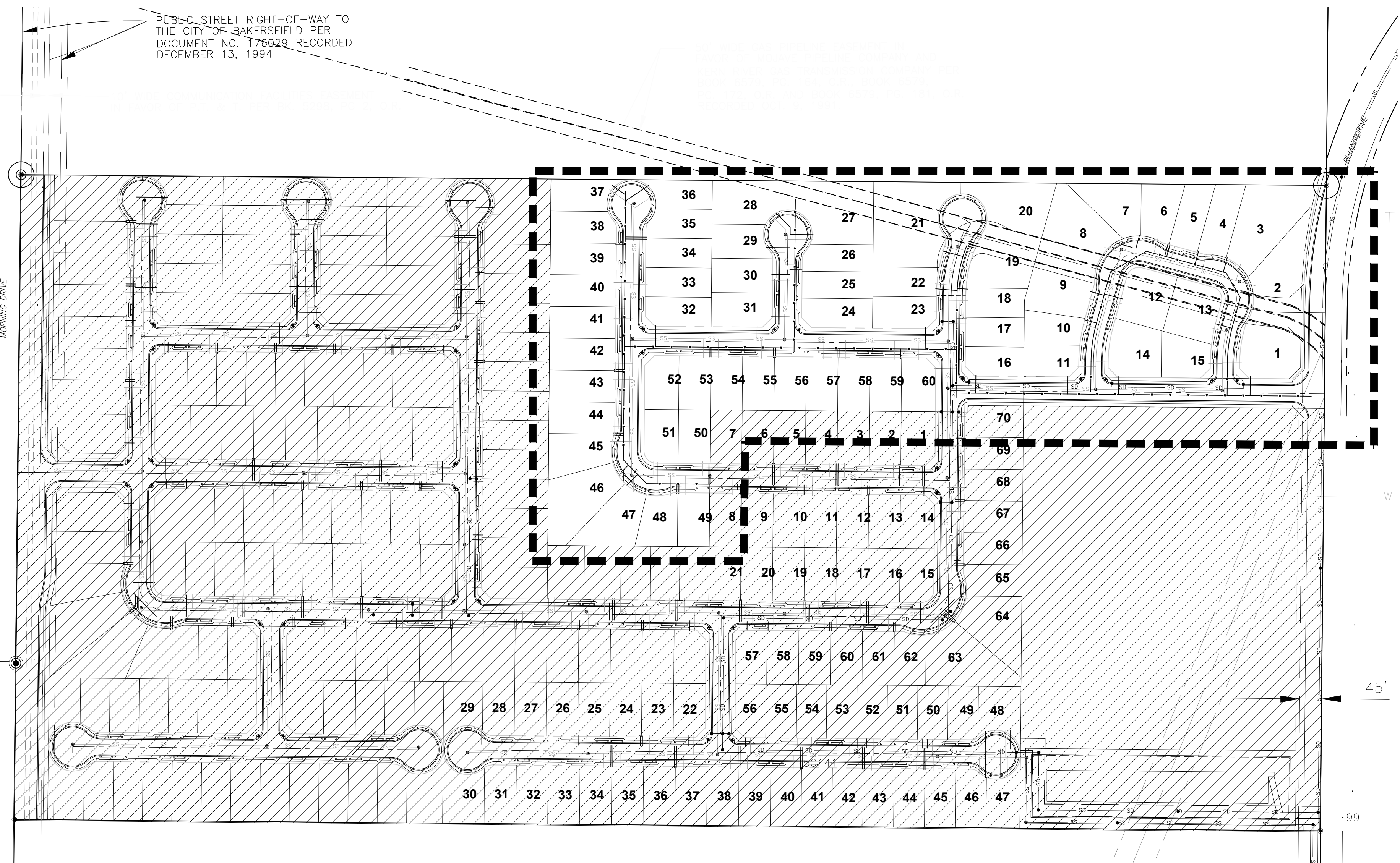
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BASIS OF BEARING

THE BEARING OF S00°36'19"W AS SHOWN ON THE WEST LINE OF NORTHWEST QUARTER OF SECTION 18, T. 29 S., R. 29 E., M.D.M. ON PARCEL MAP NO. 11252 FILED IN BOOK 55 OF PARCEL MAPS AT PAGE 34 IN THE OFFICE OF THE KERN COUNTY RECORDER, WAS USED AS THE BASIS OF BEARINGS SHOWN HEREON.

SHEET INDEX

- SHEET 1 - COVER SHEET
- SHEET 2 - NOTES
- SHEET 3 - STREET P PLAN AND PROFILE
- SHEET 4 - STREET I PLAN AND PROFILE
- SHEET 5 - STREET M PLAN AND PROFILE
- SHEET 6 - STREET K PLAN AND PROFILE
- SHEET 7 - STREET H PLAN AND PROFILE
- SHEET 8 - STREET O PLAN AND PROFILE
- SHEET 9 - STREET F PLAN AND PROFILE
- SHEET 10 - STREET E PLAN AND PROFILE
- SHEET 11 - DETAILS



WATER STANDARD NOTES

1. THE WATER FACILITIES TO BE DEDICATED TO VAUGHN WATER CO., SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE VAUGHN WATER STANDARDS.
2. ALL SERVICES SHALL BE METERED.
3. PRIOR TO COMMENCING CONSTRUCTION WITHIN EXISTING PUBLIC ROAD RIGHT-OF-WAYS, AN ENCRoACHMENT PERMIT SHALL BE OBTAINED FROM THE APPROPRIATE GOVERNMENTAL AGENCY.
4. WATER MAINS SHALL BE LAID AT HIGHER ELEVATIONS THAN NEARBY SEWER LINES. AT CROSSINGS, WATER MAINS SHALL PASS OVER THE TOP OF SEWER LINES AND IN ADDITION, THE BOTTOM OF THE WATER MAINS SHALL CLEAR THE TOP OF "COMMON SEWERS" (MAIN STREET LINES AND HOUSE LATERALS) BY A MINIMUM OF 12".
5. THE VAUGHN WATER CO. OFFICE SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO START OF CONSTRUCTION (661-589-2931).
6. THE CONSTRUCTION PLANS MUST BE APPROVED BY VAUGHN WATER CO. PRIOR TO START OF ANY WATER CONSTRUCTION. TWO (2) SETS OF APPROVED PLANS SHALL BE FURNISHED TO VAUGHN AND ONE (1) SET OF SAME TO THE DISTRICT ENGINEER PRIOR TO DISTRICT APPROVAL. THE PLANS MUST BE SIGNED BY A REGISTERED CIVIL ENGINEER OF CALIFORNIA.
7. CONSTRUCT 2" LONG WATER SERVICE PER PER PLATE NO. 4A. MATERIALS SHALL BE AS SHOWN IN DETAIL AND PER VAUGHN WATER CO. STANDARDS. VALVE BOXES AND VAULTS LOCATED IN VEHICULAR TRAFFIC AREAS SHALL BE TRAFFIC RATED.
8. ALL VALVES SHALL BE FLANGE CONNECTED TO FITTINGS.
9. ALL WATER LINES SHALL HAVE A MINIMUM COVER OF 36".
10. FIRE HYDRANTS SHALL MEET WITH THE APPROVAL OF VAUGHN AND KERN COUNTY ORDINANCE NO. G-5790. FIRE HYDRANTS SHALL BE MUELLER SUPER CENTURION HYDRANT. FIRE HYDRANTS SHALL BE INSTALLED WITH 4" OUTLET PERPENDICULAR TO STREET.
11. NO VALVES, SERVICE STOPS, OR METERS SHALL LIE IN SIDEWALK, GUTTER, CROSS-GUTTER OR DRIVEWAY AREA.
12. ALL MATERIALS AND INSTALLATION SHALL MEET OR EXCEED REQUIREMENTS OF THE KERN COUNTY DEVELOPMENT STANDARDS AND VAUGHN WATER CO. STANDARDS.
13. ALL WATER PIPE SHALL BE POLYVINYL CHLORIDE PIPE, CLASS 150 PER AWWA C 900.
14. ONE COMPLETE SET OF DRAWINGS (REPRODUCIBLE 3-MIL DOUBLE MATTE FILM) SHALL BE FURNISHED TO VAUGHN ON COMPLETION OF CONSTRUCTION, BY THE DEVELOPER'S ENGINEER.
15. CONCRETE THRUST BLOCKS SHALL BE CONSTRUCTED AT ALL BENDS, VALVES, TEES, OR CROSSES PER PLATES 7A AND 7B.
16. COMPACTION REQUIREMENTS:
 - A. DEDICATED STREETS-ALL PIPELINE TRENCHES SHALL BE BACK FILLED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE KERN COUNTY ROAD COMMISSIONER AND E.N.C.S.D. STD. SPECS. AND KERN COUNTY DEVELOPMENT STANDARD PLATES R-55 and W-4.
 - B. CONTRACTOR SHALL PROVIDE COMPACTION TESTING, AT HIS EXPENSE, AND SHALL SUBMIT WRITTEN TEST RESULTS (3 COPIES) TO THE DISTRICT'S REPRESENTATIVE. TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE DISTRICT'S EARTHWORK SPECIFICATIONS.
17. THE SIZE OF SERVICE CONNECTIONS SHALL 2" OR AS APPROVED BY AND PER VAUGHN WATER CO. STANDARDS.
18. SERVICE CONNECTION SHALL BE CONSTRUCTED OF SEAMLESS POLYVINYL WATER TUBING W/ TRACER WIRE FOR 1.5" & 2" SERVICE CONNECTIONS.
19. SERVICE CONNECTION SHALL BE CONSTRUCTED OF SEAMLESS 1" COPPER TUBING, TYPE K FOR 3/4" & 1" SERVICE CONNECTIONS.
20. ALL VALVES SHALL BE INSTALLED IN ACCORDANCE WITH KERN COUNTY DEVELOPMENT STANDARDS, PLATE W-2 AND VAUGHN WATER CO. PLATE 8A THRU 8C.
21. THRUST BLOCKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH KERN COUNTY DEVELOPMENT STANDARD, PLATE W-3, AND VAUGHN WATER CO. PLATES 7A AND 7B.
22. THIS SYSTEM IS DESIGNED TO PROVIDE A MINIMUM SUPPLY OF 500 G.P.M. FIRE FLOWS IN ADDITION TO DOMESTIC REQUIREMENTS AT 20 P.S.I.G. RESIDUAL.
23. VALVES MUST BE JOINED TO PVC PIPE USING PUSH-ON x FLANGE VALVES FOR PIPE UP TO 8 INCHES IN DIAMETER. FOR SIZING 10 INCHES AND ABOVE VALVES SHALL BE JOINED TO PVC BY USING M.J. x FLANGE VALVES.
24. CONTRACTOR SHALL EXPOSE AND VERIFY THE LOCATION AND DEPTHS OF ALL EXISTING PIPELINES AND UTILITY FACILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER, ALL UTILITY COMPANIES, VAUGHN WATER CO., AND THE COUNTY AND STATE HIGHWAY DEPARTMENTS, PRIOR TO CONSTRUCTION.
25. ALL TRENCHING AND BACKFILL WITHIN EXISTING A.C. PAVEMENT SHALL CONFORM TO K.C.D.S. PLATES W-4, R-55.
26. CONTRACTOR SHALL NOTIFY THE DISTRICT AND PROJECT ENGINEER OF ANY DISCREPANCIES.
27. PIPE FITTINGS SHALL BE DUCTILE IRON PER VAUGHN WATER CO. STANDARDS.
28. INSTALL 6" WIDE ALUMINUM FOIL WARNING TAPE MARKED "CAUTION BURIED WATER PIPELINE" 18" ABOVE WATER MAIN.
29. PRIOR TO ACCEPTANCE OF THE WATER FACILITIES ALL NECESSARY EASEMENT DOCUMENTS SHALL BE PROPERLY EXECUTED AND RECORDED PRIOR TO ACCEPTANCE OF WATER FACILITIES BY VAUGHN WATER CO. PROVIDE THREE COPIES OF EASEMENT DOCUMENTATION TO VAUGHN WATER CO.
30. WATER MAINS SHALL BE INSTALLED 6' FROM CURB FACE UNLESS OTHERWISE NOTED ON THE PLANS.
31. ALL WATER MAINS, INCLUDING LATERALS, SHALL BE HYDROSTATIC TESTED AFTER ALL UNDERGROUND UTILITIES ARE COMPLETED AND PRIOR TO PLACING ASPHALT PAVEMENT.
32. ALL GATE VALVES SHALL CONFORM TO AWWA C-500 STANDARD SPECIFICATIONS.
33. VEGETATION COVER ON THE SITE SHALL BE RETAINED UNTIL CONSTRUCTION BEGINS.
34. WORK IN THE STATE OF CALIFORNIA OR THE COUNTY OF KERN RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE APPROPRIATE ENCRoACHMENT PERMIT.

GENERAL NOTES

1. IF ANY ABANDONED WATER WELLS ARE LOCATED WITHIN THE DEVELOPMENT OR DISCOVERED DURING EXCAVATION OR GRADING, THE KERN COUNTY ENVIRONMENTAL HEALTH SERVICES DEPT. MUST BE CONTACTED TO OBTAIN INFORMATION FOR THE PROPER PERMITTING AND DESTRUCTION PROCEDURES.
2. IF, DURING GRADING OR CONSTRUCTION, ANY PLUGGED, ABANDONED, OR UNRECORDED WELLS ARE UNCOVERED OR DAMAGED, THE DEPARTMENT OF CONSERVATION/DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES SHALL BE CONTACTED TO INSPECT AND APPROVE ANY REMEDIATION REQUIRED.
3. NO BUILDING PERMITS SHALL BE ISSUED UNTIL ADEQUATE ACCESS AND ADEQUATE WATER SUPPLY FOR FIRE PROTECTION PURPOSES IS PROVIDED, AS APPROVED BY THE KERN COUNTY FIRE DEPARTMENT.
4. DURING GRADING AND CONSTRUCTION, ALL ACTIVITIES ADJACENT TO RESIDENTIAL DEVELOPMENT SHALL BE LIMITED TO 7:00 am TO 7:00 pm, MONDAY THROUGH FRIDAY. CONSTRUCTION WILL NOT BE ALLOWED ON WEEKENDS OR ON FEDERAL HOLIDAYS. VERIFICATION OF COMPLIANCE WILL BE THE RESPONSIBILITY OF THE KERN COUNTY PUBLIC WORKS DEPARTMENT/BUILDING INSPECTION DIVISION.
5. THE PROJECT PROPONENT SHALL CONTINUOUSLY COMPLY WITH THE FOLLOWING CONDITIONS OF APPROVAL DURING IMPLEMENTATION OF THE PROJECT:
 1. PROPERLY AND ROUTINELY MAINTAIN ALL CONSTRUCTION EQUIPMENT, AS RECOMMENDED BY MANUFACTURER'S MANUALS, TO CONTROL EXHAUST EMISSIONS.
 2. SHUT DOWN EQUIPMENT WHEN NOT IN USE FOR EXTENDED PERIODS OF TIME TO REDUCE EMISSIONS ASSOCIATED WITH IDLING ENGINES.
 3. ENCOURAGE RIDE SHARING AND USE OF TRANSIT TRANSPORTATION FOR CONSTRUCTION EMPLOYEE COMMUTING TO THE PROJECT SITE.
 4. USE ELECTRIC EQUIPMENT FOR CONSTRUCTION WHENEVER POSSIBLE IN LIEU OF FOSSIL FUEL-FIRED EQUIPMENT.
 5. CURTAIL CONSTRUCTION DURING PERIODS OF HIGH AMBIENT POLLUTANT CONCENTRATIONS. COMPLIANCE WITH THIS REQUIREMENT MAY INCLUDE CEASING OF CONSTRUCTION ACTIVITY DURING THE PEAK HOUR OF VEHICULAR TRAFFIC ON ADJACENT ROADWAYS.
6. ALL DISTURBED AREAS, INCLUDING STORAGE PILES, WHICH ARE NOT BEING ACTIVELY UTILIZED FOR CONSTRUCTION PURPOSES SHALL BE EFFECTIVELY STABILIZED OF DUST EMISSIONS USING WATER, CHEMICAL STABILIZER/SUPPRESSANT, COVERED WITH A TARP OR OTHER SUITABLE COVER, OR VEGETATIVE GROUND COVER.
7. ALL ON-SITE PAVED ROADS AND OFF-SITE UNPAVED ACCESS ROADS SHALL BE EFFECTIVELY STABILIZED OF DUST EMISSIONS USING WATER OR CHEMICAL STABILIZER/SUPPRESSANT.
8. ALL LAND CLEARING, GRUBBING, SCRAPING, EXCAVATION, LAND LEVELING, GRADING, CUT AND FILL, AND DEMOLITION ACTIVITIES SHALL BE EFFECTIVELY CONTROLLED OF FUGITIVE DUST EMISSIONS UTILIZING APPLICATION OF WATER OR BY PRESOAKING.
9. WHEN MATERIALS ARE TRANSPORTED OFF SITE, ALL MATERIAL SHALL BE COVERED OF EFFECTIVELY WETTED TO LIMIT VISABLE DUST EMISSIONS, AND AT LEAST SIX INCHES OF FREEBOARD SPACE FROM THE TOP OF THE CONTAINER SHALL BE MAINTAINED.
10. FOLLOWING THE ADDITION OF MATERIALS TO, OR THE REMOVAL OF MATERIALS FROM, THE SURFACE OF OUTDOOR STORAGE PILES, SAID PILES SHALL BE EFFECTIVELY STABILIZED OF FUGITIVE DUST EMISSIONS UTILIZING SUFFICIENT WATER OR CHEMICAL STABILIZER/SUPPRESSANT.
11. IMPLEMENTATION OF CARRYOUT/TRACKOUT MITIGATION MEASURES, SUCH AS GRAVEL PADS, SHALL OCCUR IN ACCORDANCE WITH THE REQUIREMENTS OF SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT REGULATION VIII.
12. ALL OPERATIONS SHALL LIMIT OR EXPEDITIOUSLY REMOVE THE ACCUMULATION OF MUD OR DIRT FROM ADJACENT PUBLIC STREETS AT THE END OF EACH WORKDAY. THE USE OF DRY ROTARY BRUSHED TO SATISFY THIS REQUIREMENT IS EXPRESSLY PROHIBITED, EXCEPT WHERE PRECEDED OR ACCOMPANIED BY SUFFICIENT WETTING TO LIMIT THE VISIBLE DUST EMISSIONS. USE OF BLOWER DEVICES IS EXPRESSLY FORBIDDEN.
13. TRACKOUT SHALL BE IMMEDIATELY REMOVED WHEN IT EXTENDS 50 OR MORE FEET FROM THE SITE.
14. GRADING SHALL CEASE DURING PERIODS OF HIGH WINDS (GREATER THAN 20 MILES PER HOUR OVER A ONE-HOUR PERIOD).
15. CONSTRUCTION-RELATED VEHICLE SPEEDS SHALL BE LIMITED TO 15 MILES PER HOUR ON ALL UNPAVED AREAS AT THE CONSTRUCTION SITE.
16. ASPHALT/ CONCRETE PAVING SHALL COMPLY WITH SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT RULE 4641 AND RESTRICT THE USE OF CUTBACK, SLOW-CURE, AND EMULSIFIED ASPHALT PAVING MATERIALS.
17. VEGETATION COVER ON THE SITE SHALL BE RETAINED UNTIL CONSTRUCTION BEGINS.

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Know what's below.
 Call before you dig.

TRACT MAP NO. 7515 PHASE 1

**WATER IMPROVEMENT PLANS
 NOTES**



REVIEWED BY:	BY: CK
NO. DATE REVISION	

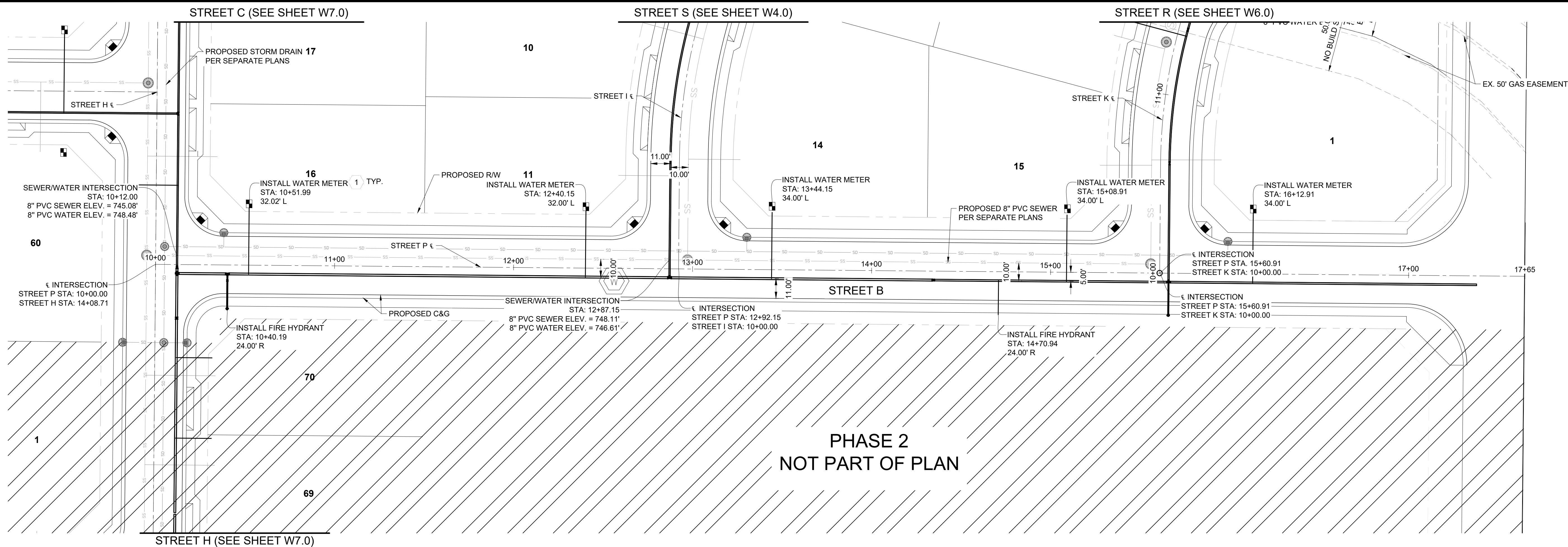


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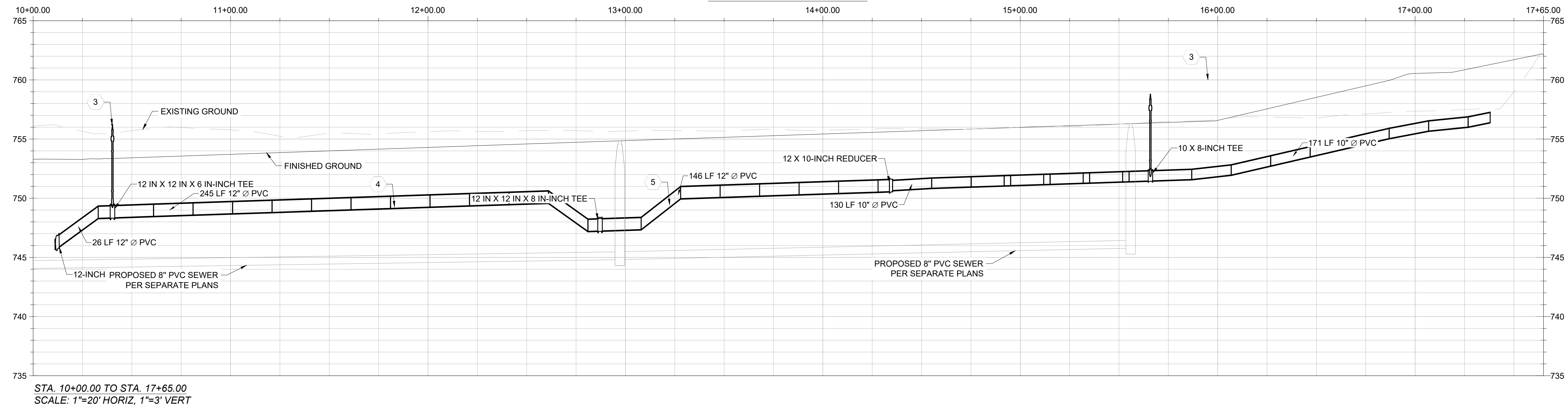
PROJECT NO. 25-019

SHEET NO. 2 of 11

W2.0



STREET B PROFILE



STA. 10+00.00 TO STA. 17+65.00
SCALE: 1"=20' HORIZ, 1"=3' VERT

LEGEND			
PROPOSED/EXISTING FEATURES			
SW	SIDEWALK	⊗	EXISTING FIRE HYDRANT
CB	CATCH BASIN	⊙	EXISTING WATER METER
FF	FINISHED FLOOR	⊕	EXISTING SEWER CLEANOUT
PP	POWER POLE	⊙	EXISTING MONUMENT
WV	WATER VALVE	⊕	PROPOSED WATER METER
YD	YARD DRAIN	⊙	PROPOSED FIRE HYDRANT
LP	LOW POINT	⊕	PROPOSED CATCH BASIN
TC	TOP OF CURB	⊙	PROPOSED STORM DRAIN MANHOLE
PL	PROPERTY LINE	⊕	WATER VALVE
GB	GRADE BREAK	SS	EXISTING SEWER MAIN
EP	EDGE OF PAVEMENT	SS	EXISTING STORM DRAIN
EG	EXISTING GRADE	W	EXISTING WATER MAIN
FG	FINISHED GRADE	G	EXISTING GAS LINE
FL	FLOWLINE	O	EXISTING OVERHEAD ELECTRICAL LINE
TW	TOP OF WALL	O	EXISTING OVERHEAD COMMUNICATIONS LINE
TP	TOP OF PAVEMENT	O	EXISTING ELECTRICAL LINE
R/W	RIGHT OF WAY	O	EXISTING EDGE OF PAVEMENT
PUE	PUBLIC UTILITY EASEMENT	O	EXISTING FENCE
⊙	PROPOSED SEWER MANHOLE	SS	EXISTING RIGHT OF WAY
⊕	PROPOSED SEWER CLEANOUT	SS	EXISTING PROPERTY LINE
⊙	PROPOSED YARD DRAINS	SS	PROPOSED STORM DRAIN
⊕	CONSTRUCTION NOTE	W	PROPOSED BLOCK WALL
		W	PROPOSED WATER SERVICE
		SS	PROPOSED SEWER SERVICE
		SS	PROPOSED LOT LINES

CONSTRUCTION NOTES

- INSTALL 5/8" LONG WATER SERVICE WITH METER PER VAUGH WATER STANDARD 3A (SHEET W12.0).
- PRIOR TO CONSTRUCTION, POTHOLE TO VERIFY INVERT LOCATION OF WATERLINE.
- INSTALL FIRE HYDRANT PER CAL WATER DRAWING CW380-R16 (SEE SHEET W12.0).
- INSTALL 12" WATER WITH MINIMUM OF 42" OF COVER PER CAL WATER STANDARDS.
- INSTALL 10" WATER WITH A MINIMUM OF 42" OF COVER PER CAL WATER STANDARDS.
- INSTALL 8" WATER WITH A MINIMUM OF 42" OF COVER PER CAL WATER STANDARDS.

TRACT MAP NO. 7515 PHASE 1

WATER IMPROVEMENT PLANS
STREET P PLAN AND PROFILE

AES
AUTHORITY ENGINEERING SURVEYING
CIVIL ENGINEERING | LAND SURVEYING | PLANNING
5055 CALIFORNIA AVE STE 101, BAKERSFIELD, CA 93309

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NO. DATE REVISION	

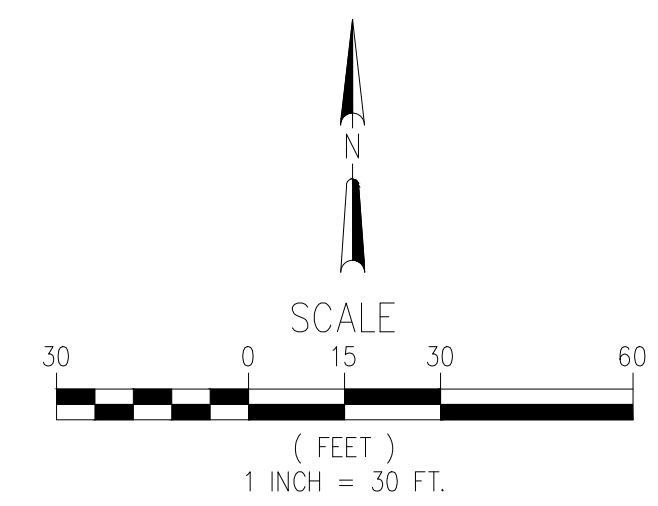


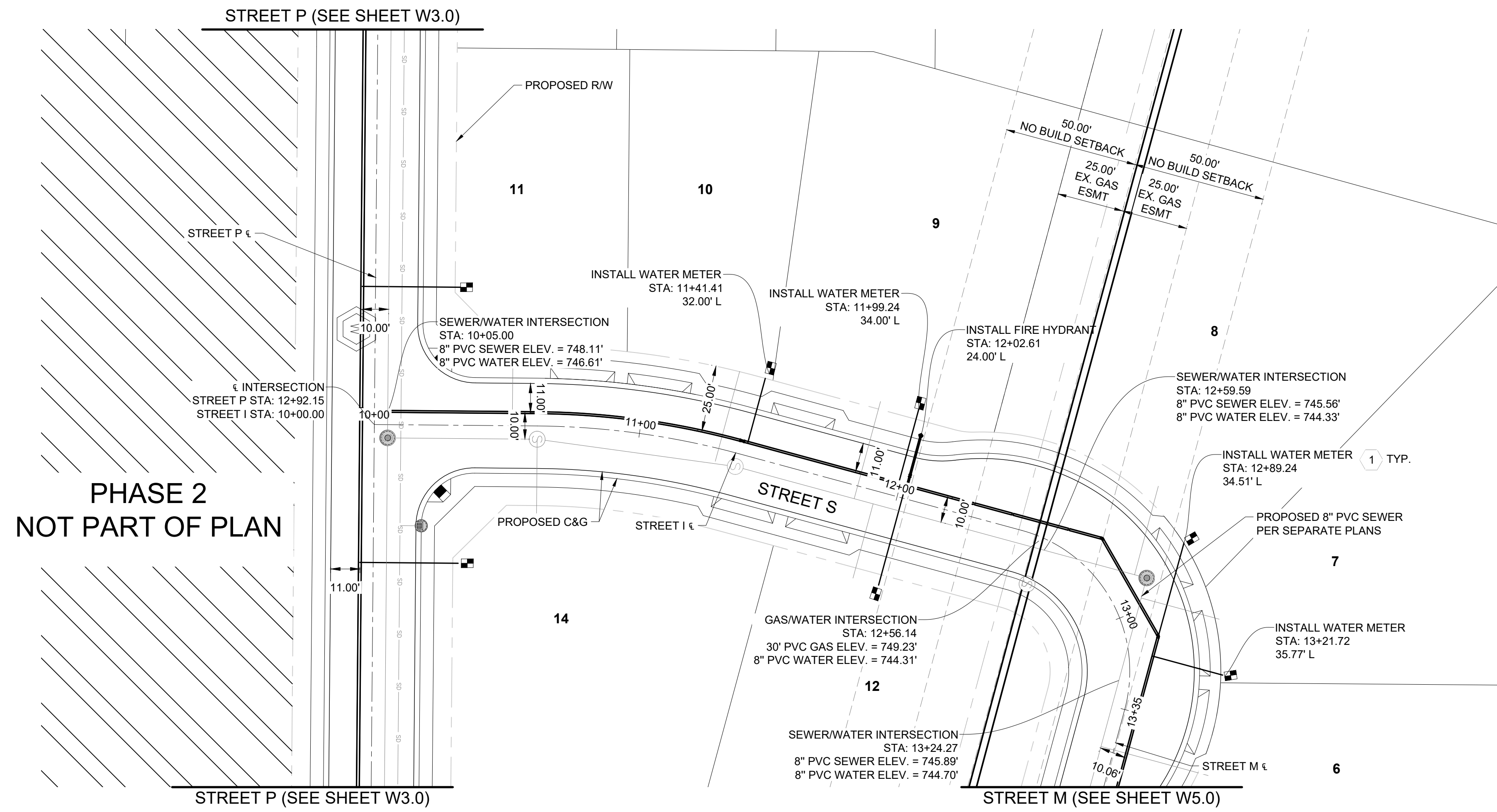
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PROJECT NO. 25-019

SHEET NO. 3 OF 12

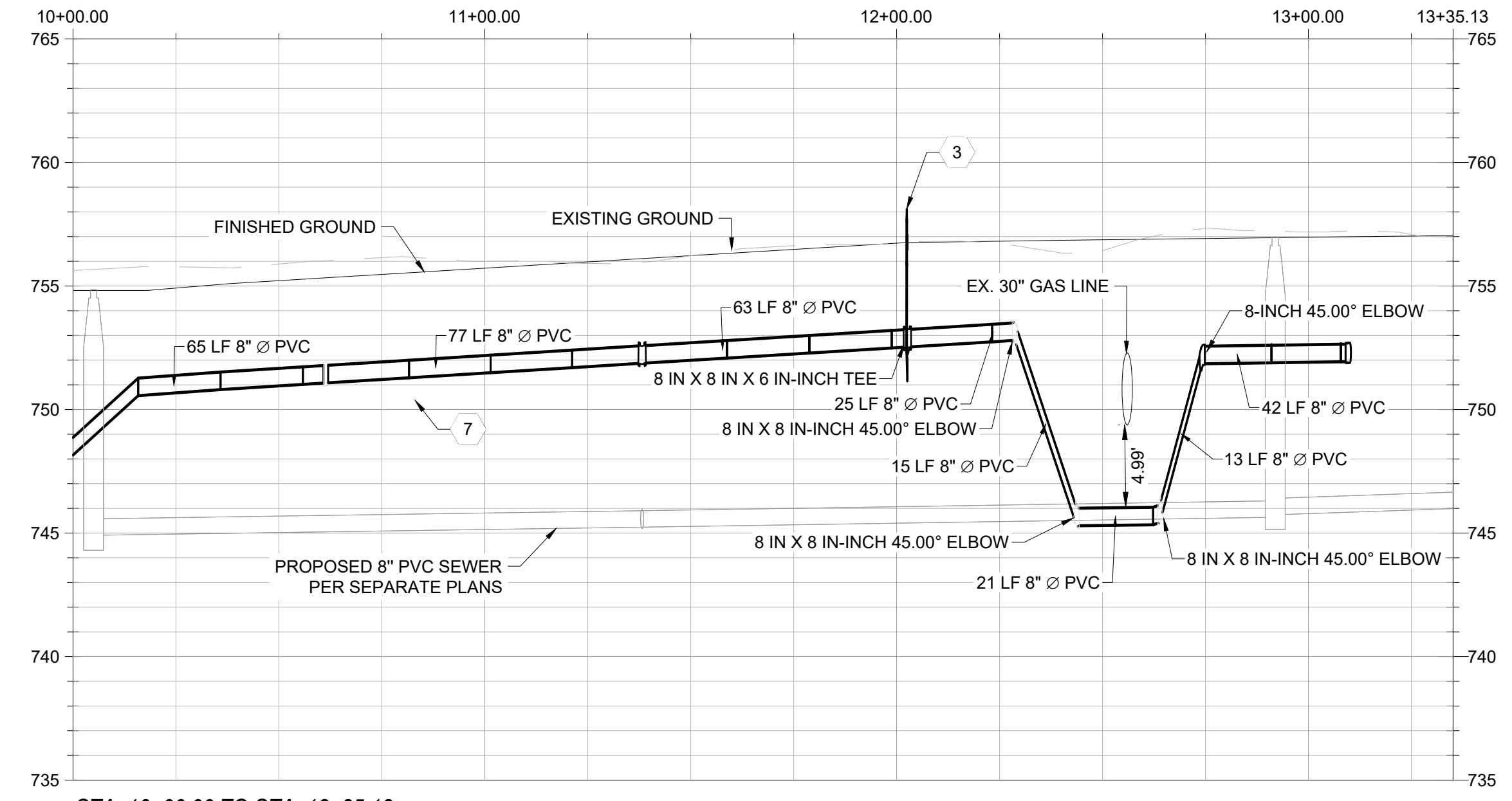
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PHASE 2
NOT PART OF PLAN

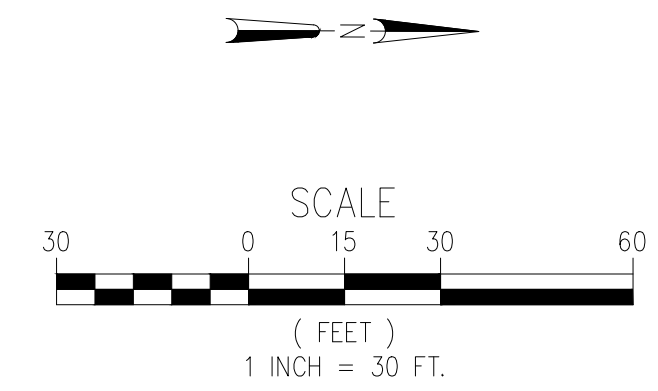
STREET S PROFILE



STA. 10+00.00 TO STA. 13+35.13
SCALE: 1"=20' HORIZ, 1"=3' VERT

LEGEND	
PROPOSED/EXISTING FEATURES	
SW	SIDEWALK
CB	CATCH BASIN
FF	FINISHED FLOOR
PP	POWER POLE
WV	WATER VALVE
YD	YARD DRAIN
LP	LOW POINT
TC	TOP OF CURB
PL	PROPERTY LINE
GB	GRADE BREAK
EP	EDGE OF PAVEMENT
EG	EXISTING GRADE
FG	FINISHED GRADE
FL	FLOWLINE
TW	TOP OF WALL
TP	TOP OF PAVEMENT
RW	RIGHT OF WAY
PUE	PUBLIC UTILITY EASEMENT
⊙	PROPOSED SEWER MANHOLE
⊙	PROPOSED SEWER CLEANOUT
⊙	PROPOSED YARD DRAINS
→	CONSTRUCTION NOTE
⊙	EXISTING FIRE HYDRANT
⊙	EXISTING WATER METER
⊙	EXISTING SEWER CLEANOUT
⊙	EXISTING MONUMENT
⊙	PROPOSED WATER METER
⊙	PROPOSED FIRE HYDRANT
⊙	PROPOSED CATCH BASIN
⊙	PROPOSED STORM DRAIN MANHOLE
⊙	WATER VALVE
⊙	EXISTING SEWER MAIN
⊙	EXISTING STORM DRAIN
⊙	EXISTING WATER MAIN
⊙	EXISTING GAS LINE
⊙	EXISTING OVERHEAD ELECTRICAL LINE
⊙	EXISTING OVERHEAD COMMUNICATIONS LINE
⊙	EXISTING ELECTRICAL LINE
⊙	EXISTING EDGE OF PAVEMENT
⊙	EXISTING FENCE
⊙	EXISTING RIGHT OF WAY
⊙	EXISTING PROPERTY LINE
⊙	PROPOSED STORM DRAIN
⊙	PROPOSED BLOCK WALL
⊙	PROPOSED WATER SERVICE
⊙	PROPOSED SEWER SERVICE
⊙	PROPOSED LOT LINES

- CONSTRUCTION NOTES**
- INSTALL 5/8" LONG WATER SERVICE WITH METER PER VAUGH WATER STANDARD 3A (SHEET W12.0).
 - PRIOR TO CONSTRUCTION, POTHOLE TO VERIFY INVERT LOCATION OF WATERLINE.
 - INSTALL FIRE HYDRANT PER CAL WATER DRAWING CW380-R16 (SEE SHEET W12.0).
 - INSTALL 12" WATER WITH MINIMUM OF 42" OF COVER PER CAL WATER STANDARDS.
 - INSTALL 10" WATER WITH A MINIMUM OF 42" OF COVER PER CAL WATER STANDARDS.
 - INSTALL 8" WATER WITH A MINIMUM OF 42" OF COVER PER CAL WATER STANDARDS.



TRACT MAP NO. 7515 PHASE 1
WATER IMPROVEMENT PLANS
STREET I PLAN AND PROFILE

AES AUTHORITY ENGINEERING SURVEYING
CIVIL ENGINEERING | LAND SURVEYING | PLANNING
5055 CALIFORNIA AVE STE 101, BAKERSFIELD, CA 93309

REVIEWED BY:	BY: CK
NO. DATE REVISION	

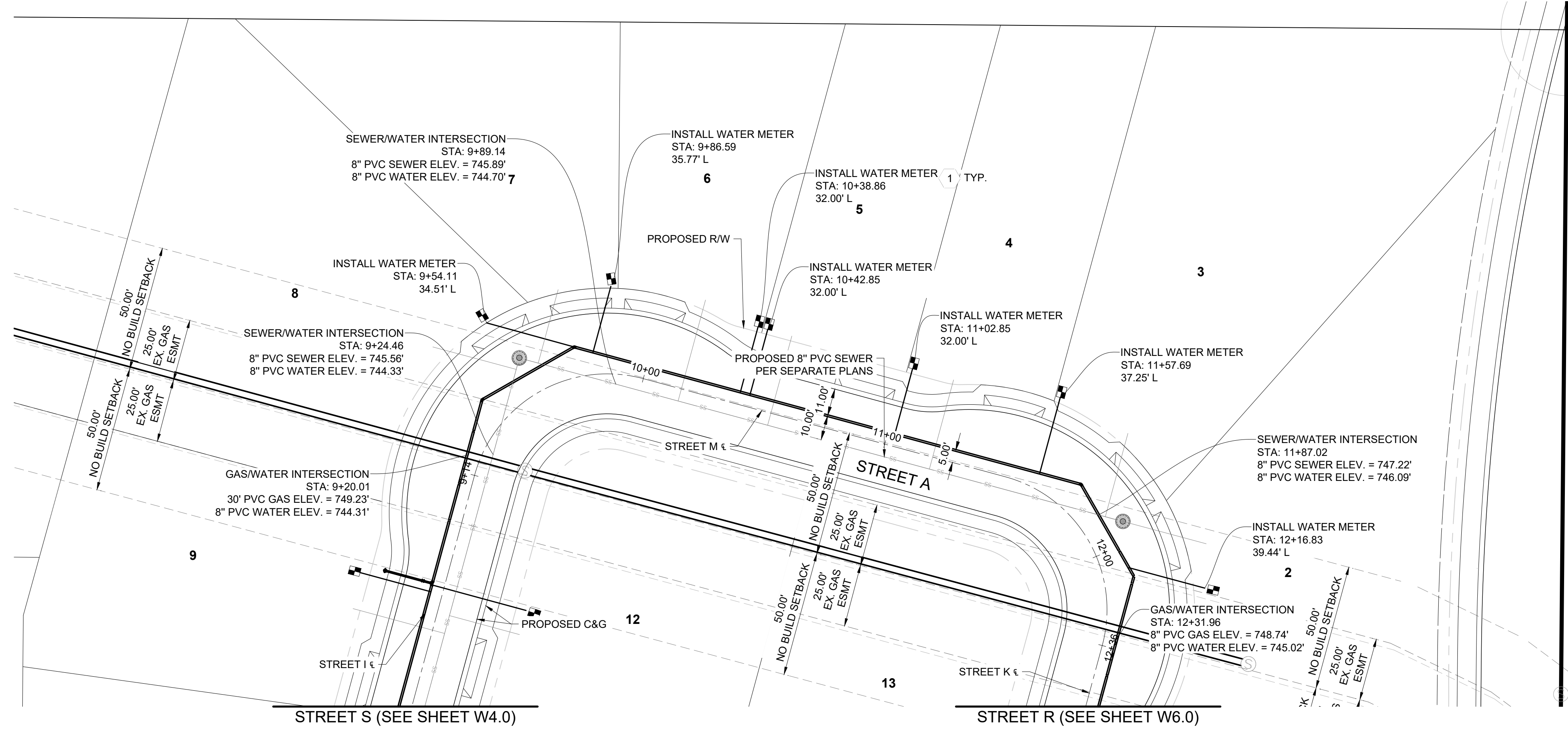


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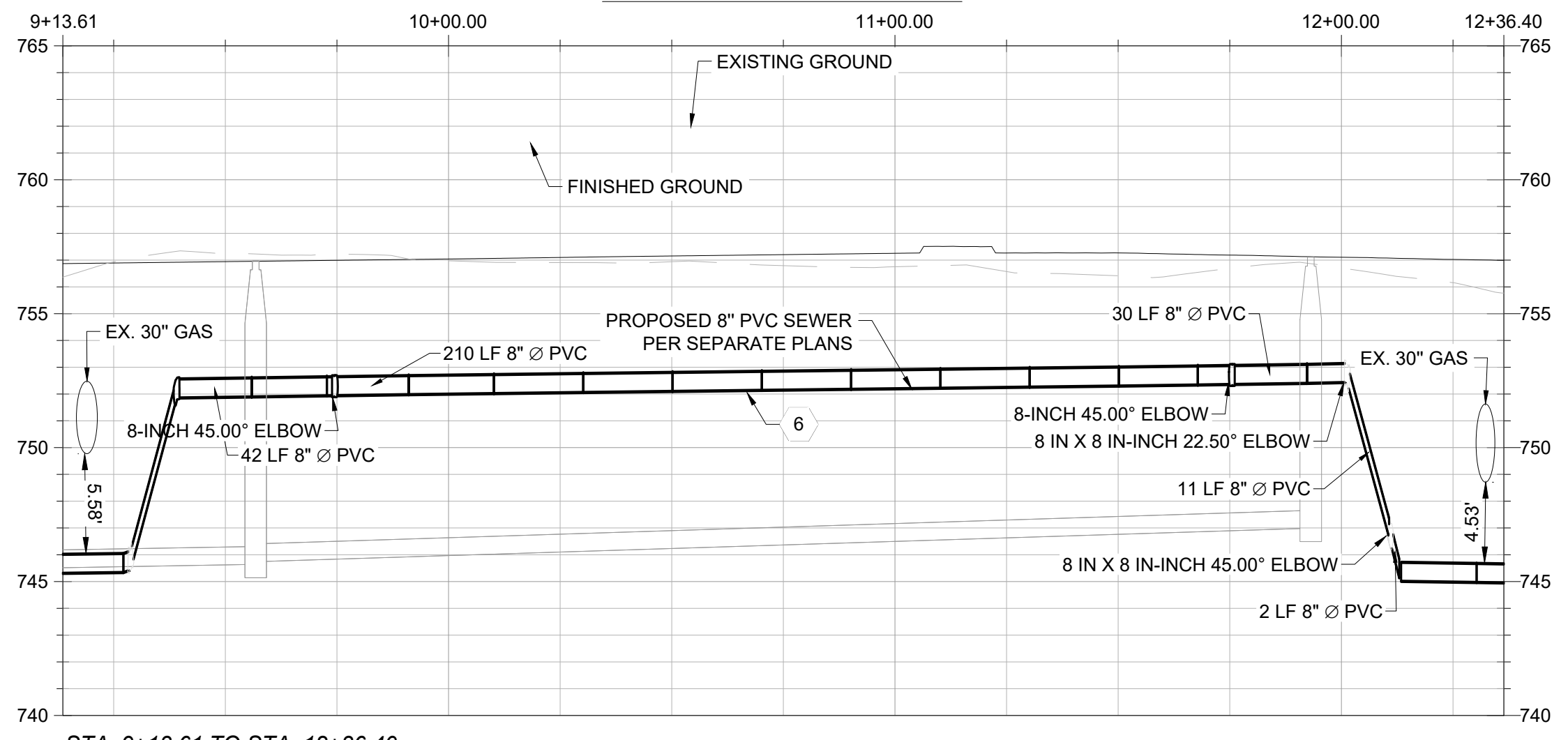
PROJECT NO. 25-019
SHEET NO. 4 OF 12

W4.0

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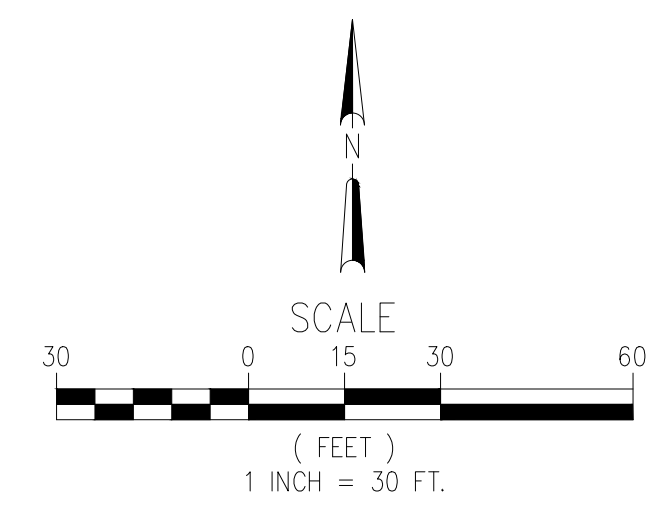
STREET A PROFILE



STA. 9+13.61 TO STA. 12+36.40
SCALE: 1"=20' HORIZ, 1"=3' VERT

LEGEND		
PROPOSED/EXISTING FEATURES		
SW	SIDEWALK	EXISTING FIRE HYDRANT
CB	CATCH BASIN	EXISTING WATER METER
FF	FINISHED FLOOR	EXISTING SEWER CLEANOUT
PP	POWER POLE	EXISTING MONUMENT
WV	WATER VALVE	PROPOSED WATER METER
YD	YARD DRAIN	PROPOSED FIRE HYDRANT
LP	LOW POINT	PROPOSED CATCH BASIN
TC	TOP OF CURB	PROPOSED STORM DRAIN MANHOLE
PL	PROPERTY LINE	WATER VALVE
GB	GRADE BREAK	EXISTING SEWER MAIN
EP	EDGE OF PAVEMENT	EXISTING STORM DRAIN
EG	EXISTING GRADE	EXISTING WATER MAIN
FG	FINISHED GRADE	EXISTING GAS LINE
FL	FLOWLINE	EXISTING OVERHEAD ELECTRICAL LINE
TW	TOP OF WALL	EXISTING OVERHEAD COMMUNICATIONS LINE
TP	TOP OF PAVEMENT	EXISTING ELECTRICAL LINE
RW	RIGHT OF WAY	EXISTING EDGE OF PAVEMENT
PUE	PUBLIC UTILITY EASEMENT	EXISTING FENCE
○	PROPOSED SEWER MANHOLE	EXISTING RIGHT OF WAY
○	PROPOSED SEWER CLEANOUT	EXISTING PROPERTY LINE
○	PROPOSED YARD DRAINS	PROPOSED STORM DRAIN
→	CONSTRUCTION NOTE	PROPOSED BLOCK WALL
		PROPOSED WATER SERVICE
		PROPOSED SEWER SERVICE
		PROPOSED LOT LINES

- CONSTRUCTION NOTES**
- INSTALL 5/8" LONG WATER SERVICE WITH METER PER VAUGH WATER STANDARD 3A (SHEET W12.0).
 - PRIOR TO CONSTRUCTION, POTHOLE TO VERIFY INVERT LOCATION OF WATERLINE.
 - INSTALL FIRE HYDRANT PER CAL WATER DRAWING CW380-R16 (SEE SHEET W12.0).
 - INSTALL 12" WATER WITH MINIMUM OF 42" OF COVER PER CAL WATER STANDARDS.
 - INSTALL 10" WATER WITH A MINIMUM OF 42" OF COVER PER CAL WATER STANDARDS.
 - INSTALL 8" WATER WITH A MINIMUM OF 42" OF COVER PER CAL WATER STANDARDS.



TRACT MAP NO. 7515 PHASE 1
WATER IMPROVEMENT PLANS
STREET M PLAN AND PROFILE

AES AUTHORITY ENGINEERING SURVEYING
CIVIL ENGINEERING | LAND SURVEYING | PLANNING
 5055 CALIFORNIA AVE STE 101, BAKERSFIELD, CA 93309

REVIEWED BY:	BY: CK
NO. DATE REVISION	

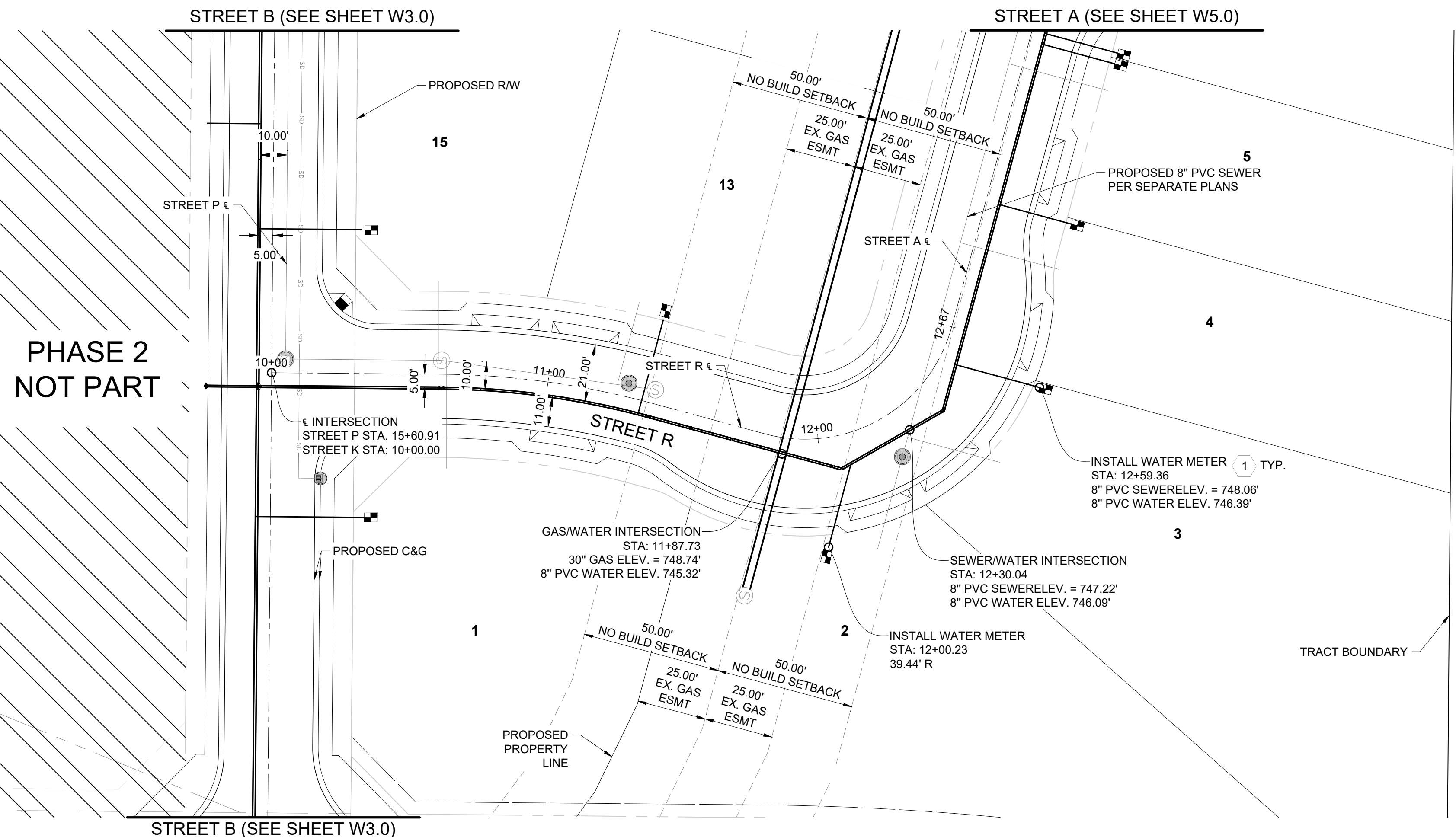


APPROVED BY: NG
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 DRAWN BY: RS

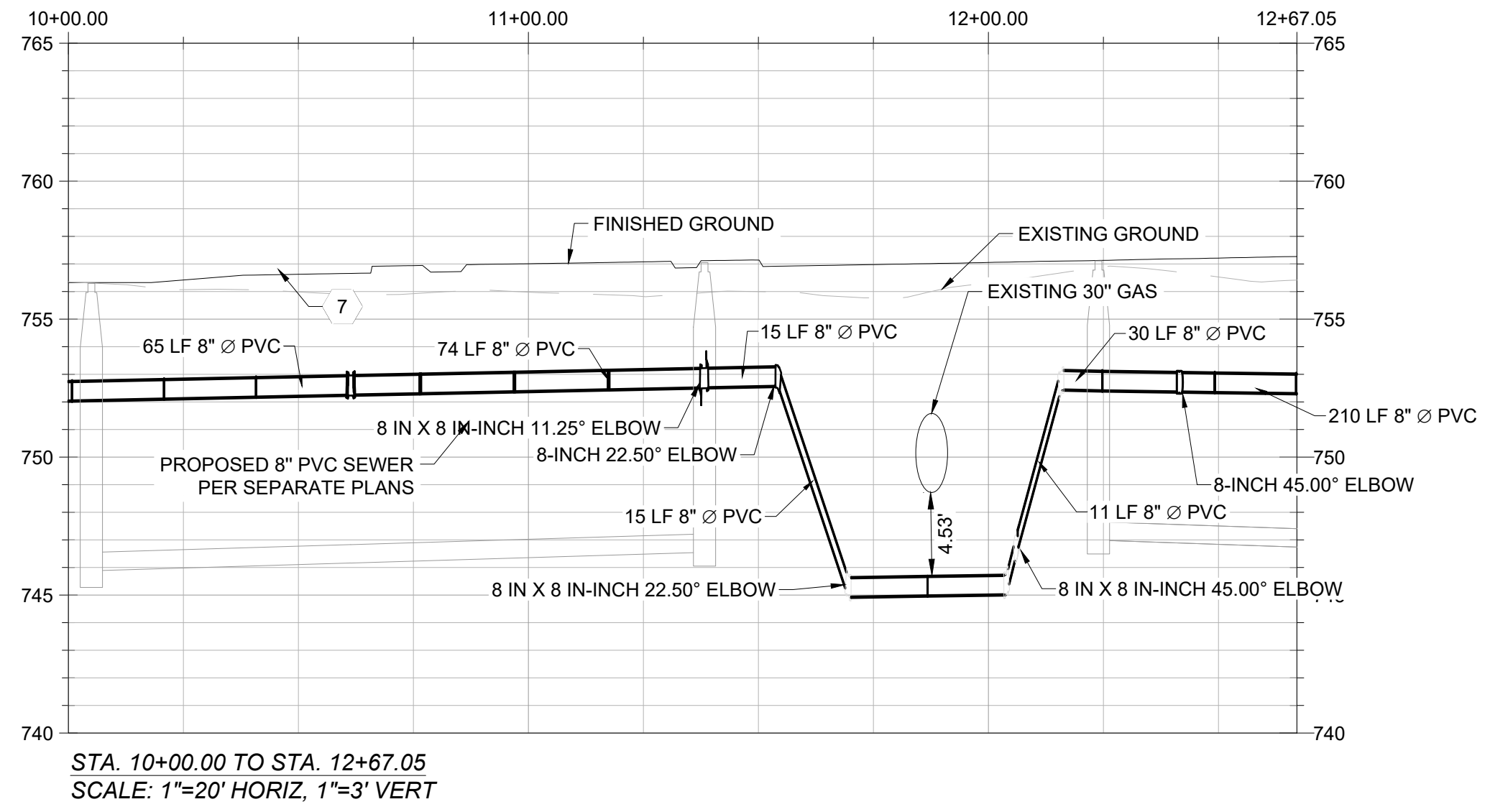
PROJECT NO. 25-019
 SHEET NO. 5 OF 12

W5.0

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 Save Date: 3/31/2026 1:21 PM



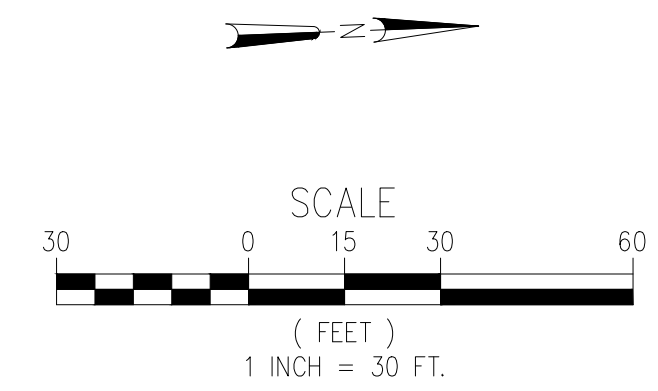
STREET R PROFILE



STA. 10+00.00 TO STA. 12+67.05
SCALE: 1"=20' HORIZ, 1"=3' VERT

LEGEND	
PROPOSED/EXISTING FEATURES	
SW	SIDEWALK
CB	CATCH BASIN
FF	FINISHED FLOOR
PP	POWER POLE
WV	WATER VALVE
YD	YARD DRAIN
LP	LOW POINT
TC	TOP OF CURB
PL	PROPERTY LINE
GB	GRADE BREAK
EP	EDGE OF PAVEMENT
EG	EXISTING GRADE
FG	FINISHED GRADE
FL	FLOWLINE
TW	TOP OF WALL
TP	TOP OF PAVEMENT
RW	RIGHT OF WAY
PUE	PUBLIC UTILITY EASEMENT
⊙	PROPOSED SEWER MANHOLE
⊙	PROPOSED SEWER CLEANOUT
⊙	PROPOSED YARD DRAINS
→	CONSTRUCTION NOTE
⊙	EXISTING FIRE HYDRANT
⊙	EXISTING WATER METER
⊙	EXISTING SEWER CLEANOUT
⊙	EXISTING MONUMENT
⊙	PROPOSED WATER METER
⊙	PROPOSED FIRE HYDRANT
⊙	PROPOSED CATCH BASIN
⊙	PROPOSED STORM DRAIN MANHOLE
⊙	WATER VALVE
⊙	EXISTING SEWER MAIN
⊙	EXISTING STORM DRAIN
⊙	EXISTING WATER MAIN
⊙	EXISTING GAS LINE
⊙	EXISTING OVERHEAD ELECTRICAL LINE
⊙	EXISTING OVERHEAD COMMUNICATIONS LINE
⊙	EXISTING ELECTRICAL LINE
⊙	EXISTING EDGE OF PAVEMENT
⊙	EXISTING FENCE
⊙	EXISTING RIGHT OF WAY
⊙	EXISTING PROPERTY LINE
⊙	PROPOSED STORM DRAIN
⊙	PROPOSED BLOCK WALL
⊙	PROPOSED WATER SERVICE
⊙	PROPOSED SEWER SERVICE
⊙	PROPOSED LOT LINES

- CONSTRUCTION NOTES**
- INSTALL 5/8" LONG WATER SERVICE WITH METER PER VAUGH WATER STANDARD 3A (SHEET W12.0).
 - PRIOR TO CONSTRUCTION, POTHOLE TO VERIFY INVERT LOCATION OF WATERLINE.
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TRACT MAP NO. 7515 PHASE 1
WATER IMPROVEMENT PLANS
STREET K PLAN AND PROFILE

AES AUTHORITY ENGINEERING SURVEYING
CIVIL ENGINEERING | LAND SURVEYING | PLANNING
 5055 CALIFORNIA AVE STE 101, BAKERSFIELD, CA 93309

REVIEWED BY:	BY: CK
NO. DATE REVISION	

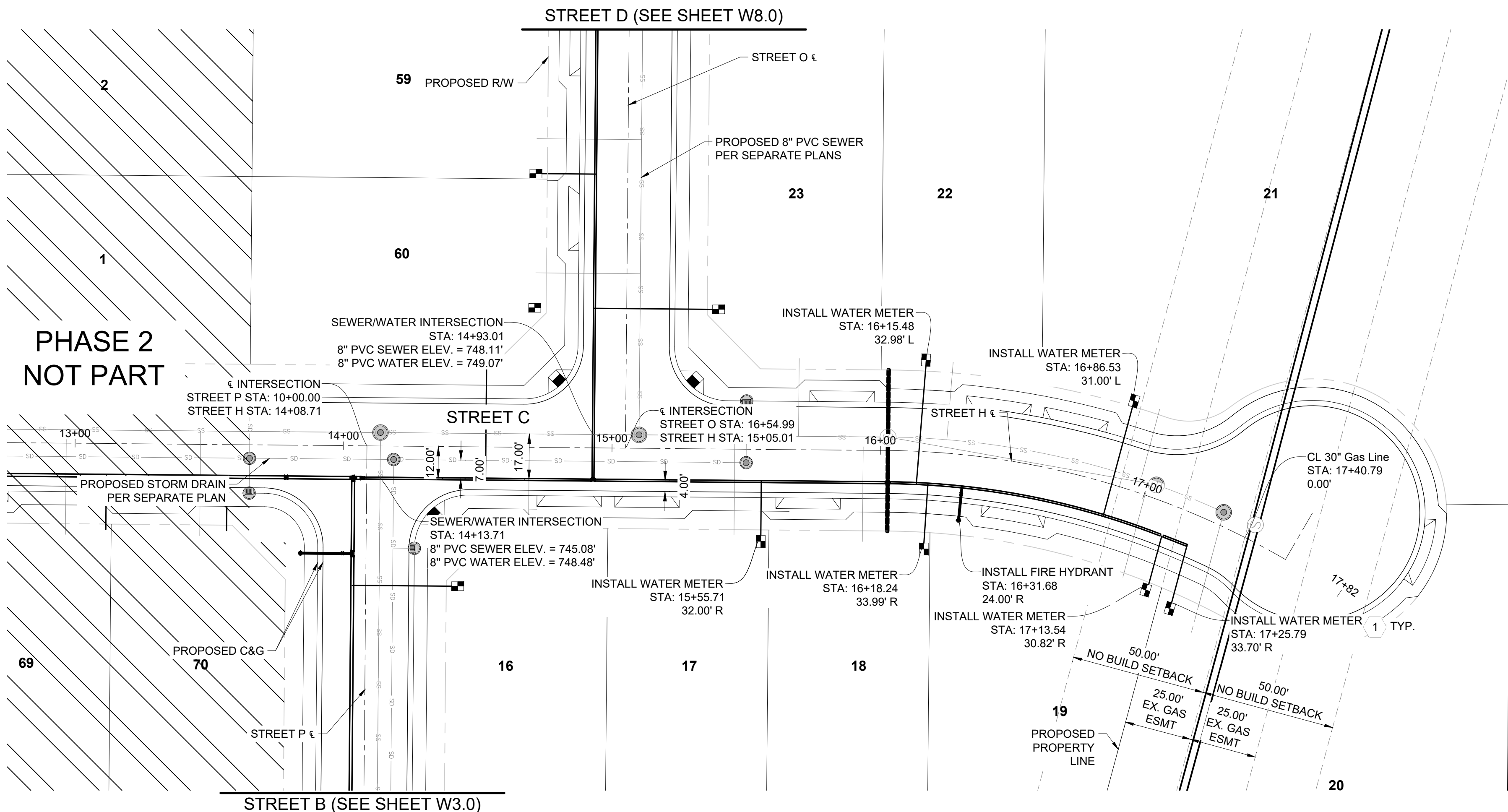


APPROVED BY: NG
 CHECKED BY: NG
 DRAWN BY: RS

PROJECT NO. 25-019
 SHEET NO. 6 OF 12

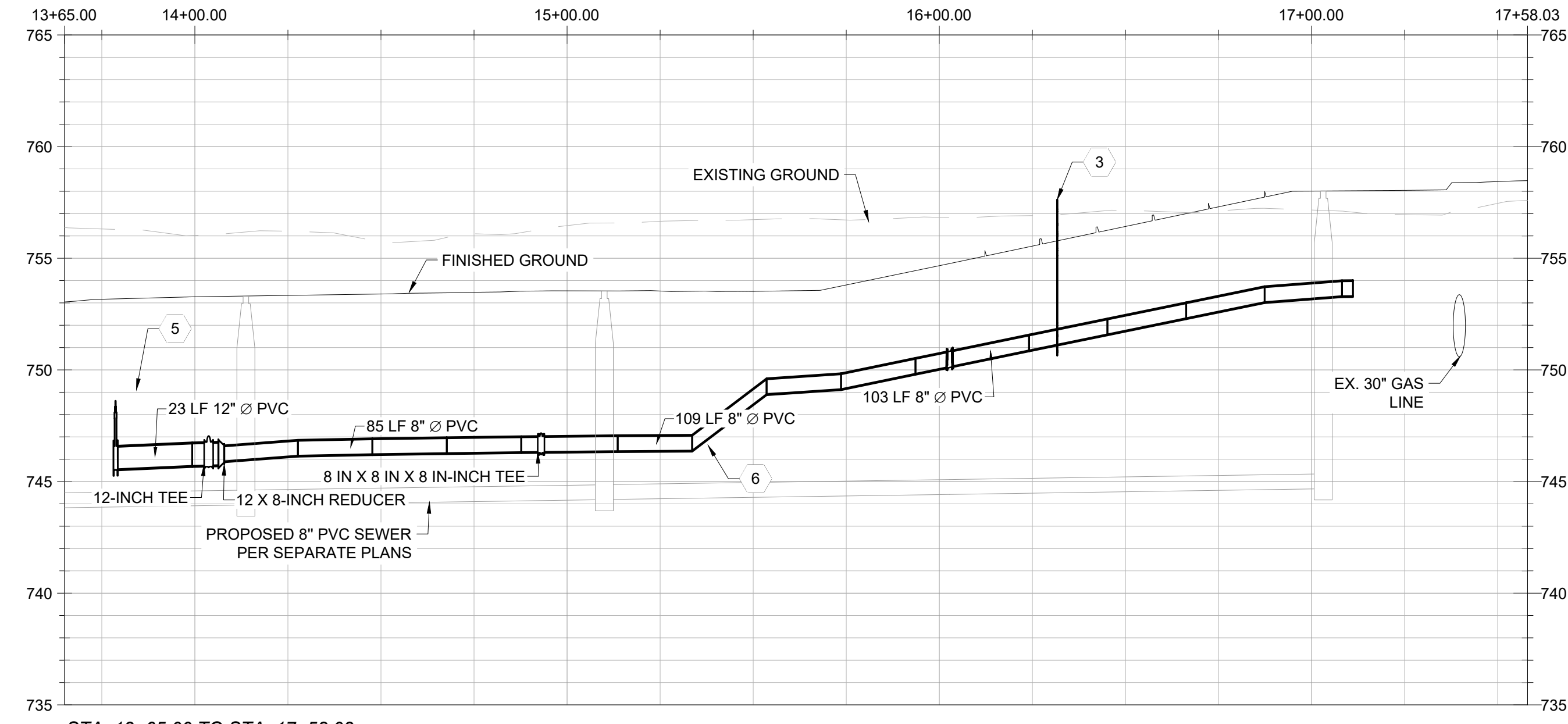
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PHASE 2
NOT PART

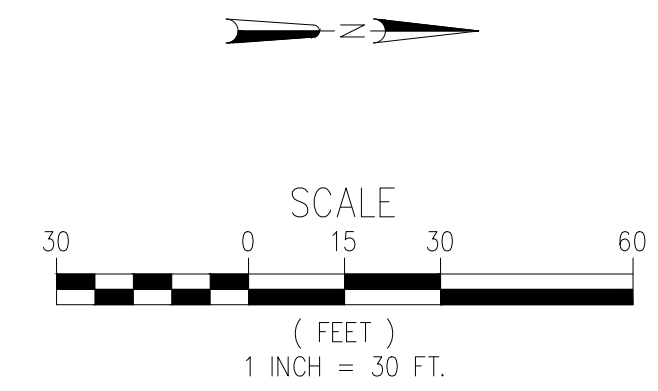
STREET C PROFILE



STA. 13+65.00 TO STA. 17+58.03
SCALE: 1"=20' HORIZ, 1"=3' VERT

LEGEND			
PROPOSED/EXISTING FEATURES			
SW	SIDEWALK	⊕	EXISTING FIRE HYDRANT
CB	CATCH BASIN	⊕	EXISTING WATER METER
FF	FINISHED FLOOR	⊕	EXISTING SEWER CLEANOUT
PP	POWER POLE	⊕	EXISTING MONUMENT
WV	WATER VALVE	⊕	PROPOSED WATER METER
YD	YARD DRAIN	⊕	PROPOSED FIRE HYDRANT
LP	LOW POINT	⊕	PROPOSED CATCH BASIN
TC	TOP OF CURB	⊕	PROPOSED STORM DRAIN MANHOLE
PL	PROPERTY LINE	—	WATER VALVE
GB	GRADE BREAK	—	EXISTING SEWER MAIN
EP	EDGE OF PAVEMENT	—	EXISTING STORM DRAIN
EG	EXISTING GRADE	—	EXISTING WATER MAIN
FG	FINISHED GRADE	—	EXISTING GAS LINE
FL	FLOWLINE	—	EXISTING OVERHEAD ELECTRICAL LINE
TW	TOP OF WALL	—	EXISTING OVERHEAD COMMUNICATIONS LINE
TP	TOP OF PAVEMENT	—	EXISTING ELECTRICAL LINE
R/W	RIGHT OF WAY	—	EXISTING EDGE OF PAVEMENT
PUE	PUBLIC UTILITY EASEMENT	—	EXISTING FENCE
⊕	PROPOSED SEWER MANHOLE	—	EXISTING RIGHT OF WAY
⊕	PROPOSED SEWER CLEANOUT	—	EXISTING PROPERTY LINE
⊕	PROPOSED YARD DRAINS	—	PROPOSED STORM DRAIN
—	CONSTRUCTION NOTE	—	PROPOSED BLOCK WALL
		—	PROPOSED WATER SERVICE
		—	PROPOSED SEWER SERVICE
		—	PROPOSED LOT LINES

- CONSTRUCTION NOTES**
- INSTALL 5/8" LONG WATER SERVICE WITH METER PER VAUGH WATER STANDARD 3A (SHEET W12.0).
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 - INSTALL 10" WATER WITH A MINIMUM OF 42" OF COVER PER CAL WATER STANDARDS.
 - INSTALL 8" WATER WITH A MINIMUM OF 42" OF COVER PER CAL WATER STANDARDS.



TRACT MAP NO. 7515 PHASE 1

WATER IMPROVEMENT PLANS
STREET H PLAN AND PROFILE

AES
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5055 CALIFORNIA AVE STE 101, BAKERSFIELD, CA 93309

REVIEWED BY:	BY: CK
NO. DATE REVISION	

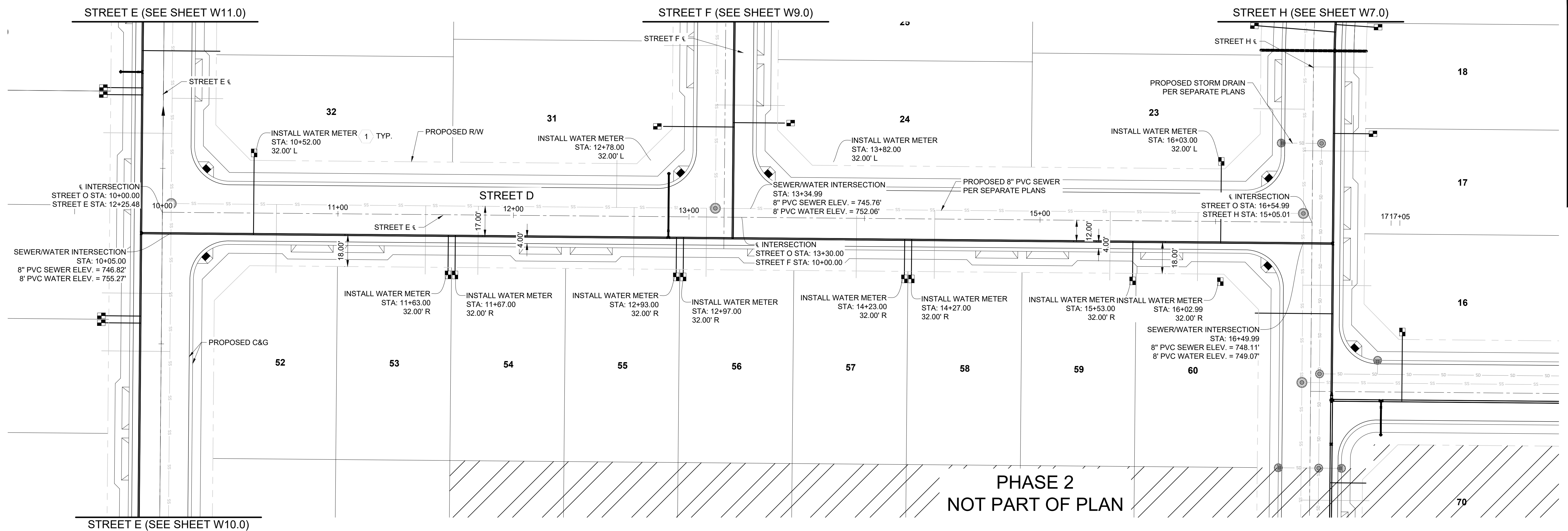


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DRAWN BY: RS

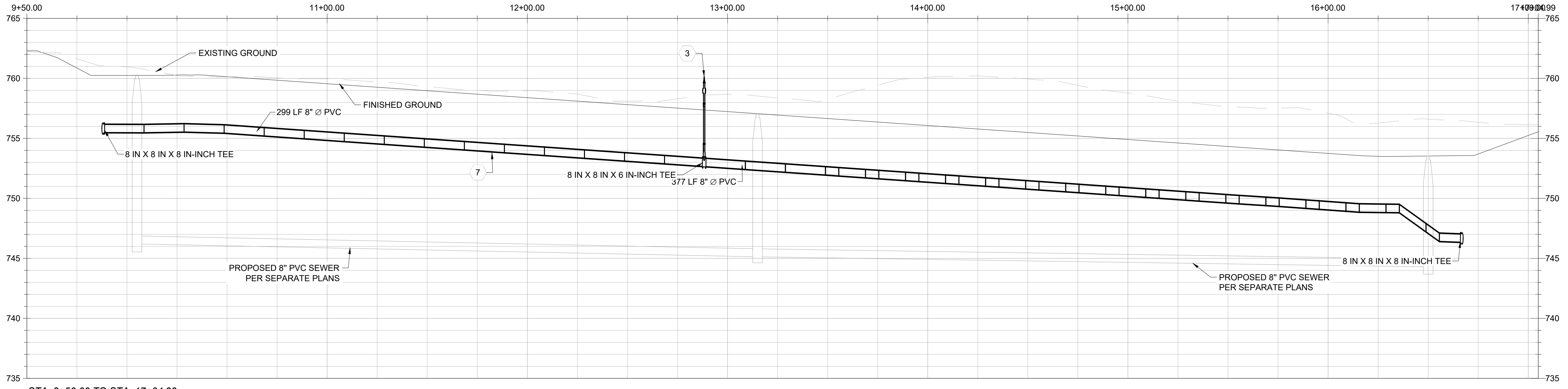
PROJECT NO. 25-019

SHEET NO. 7 OF 12

W7.0



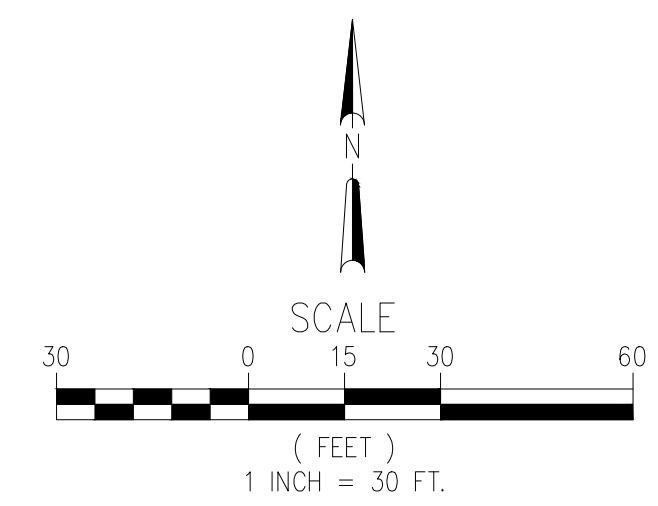
STREET D PROFILE



STA. 9+50.00 TO STA. 17+04.99
SCALE: 1"=20' HORIZ, 1"=3' VERT

LEGEND			
PROPOSED/EXISTING FEATURES			
SW	SIDEWALK	⊗	EXISTING FIRE HYDRANT
CB	CATCH BASIN	⊙	EXISTING WATER METER
FF	FINISHED FLOOR	⊕	EXISTING SEWER CLEANOUT
PP	POWER POLE	⊖	EXISTING MONUMENT
WV	WATER VALVE	⊗	PROPOSED WATER METER
YD	YARD DRAIN	⊙	PROPOSED FIRE HYDRANT
LP	LOW POINT	⊖	PROPOSED CATCH BASIN
TC	TOP OF CURB	⊙	PROPOSED STORM DRAIN MANHOLE
PL	PROPERTY LINE	⊕	WATER VALVE
GB	GRADE BREAK	⊖	EXISTING SEWER MAIN
EP	EDGE OF PAVEMENT	⊖	EXISTING STORM DRAIN
EG	EXISTING GRADE	⊖	EXISTING WATER MAIN
FG	FINISHED GRADE	⊖	EXISTING GAS LINE
FL	FLOWLINE	⊖	EXISTING OVERHEAD ELECTRICAL LINE
TW	TOP OF WALL	⊖	EXISTING OVERHEAD COMMUNICATIONS LINE
TP	TOP OF PAVEMENT	⊖	EXISTING ELECTRICAL LINE
R/W	RIGHT OF WAY	⊖	EXISTING EDGE OF PAVEMENT
PUE	PUBLIC UTILITY EASEMENT	⊖	EXISTING FENCE
⊙	PROPOSED SEWER MANHOLE	⊖	EXISTING RIGHT OF WAY
⊕	PROPOSED SEWER CLEANOUT	⊖	EXISTING PROPERTY LINE
⊙	PROPOSED YARD DRAINS	⊖	PROPOSED STORM DRAIN
⊖	CONSTRUCTION NOTE	⊖	PROPOSED BLOCK WALL
		⊖	PROPOSED WATER SERVICE
		⊖	PROPOSED SEWER SERVICE
		⊖	PROPOSED LOT LINES

- CONSTRUCTION NOTES**
- INSTALL 5/8" LONG WATER SERVICE WITH METER PER VAUGH WATER STANDARD 3A (SHEET W12.0).
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TRACT MAP NO. 7515 PHASE 1
WATER IMPROVEMENT PLANS
STREET O PLAN AND PROFILE

AES
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5055 CALIFORNIA AVE STE 101, BAKERSFIELD, CA 93309

REVIEWED BY:	BY: CK
NO. DATE REVISION	



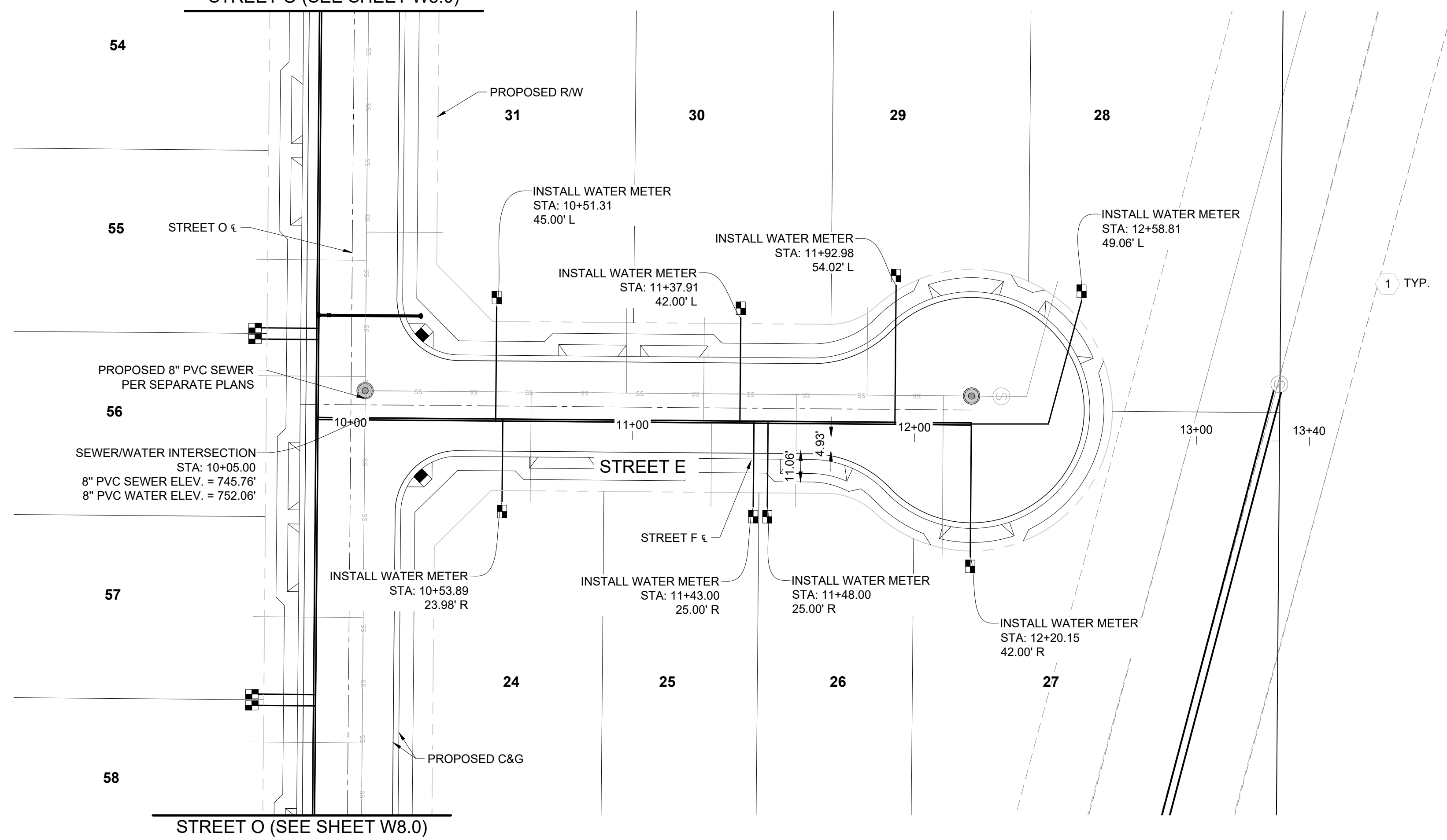
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PROJECT NO. 25-019
SHEET NO. 8 OF 12

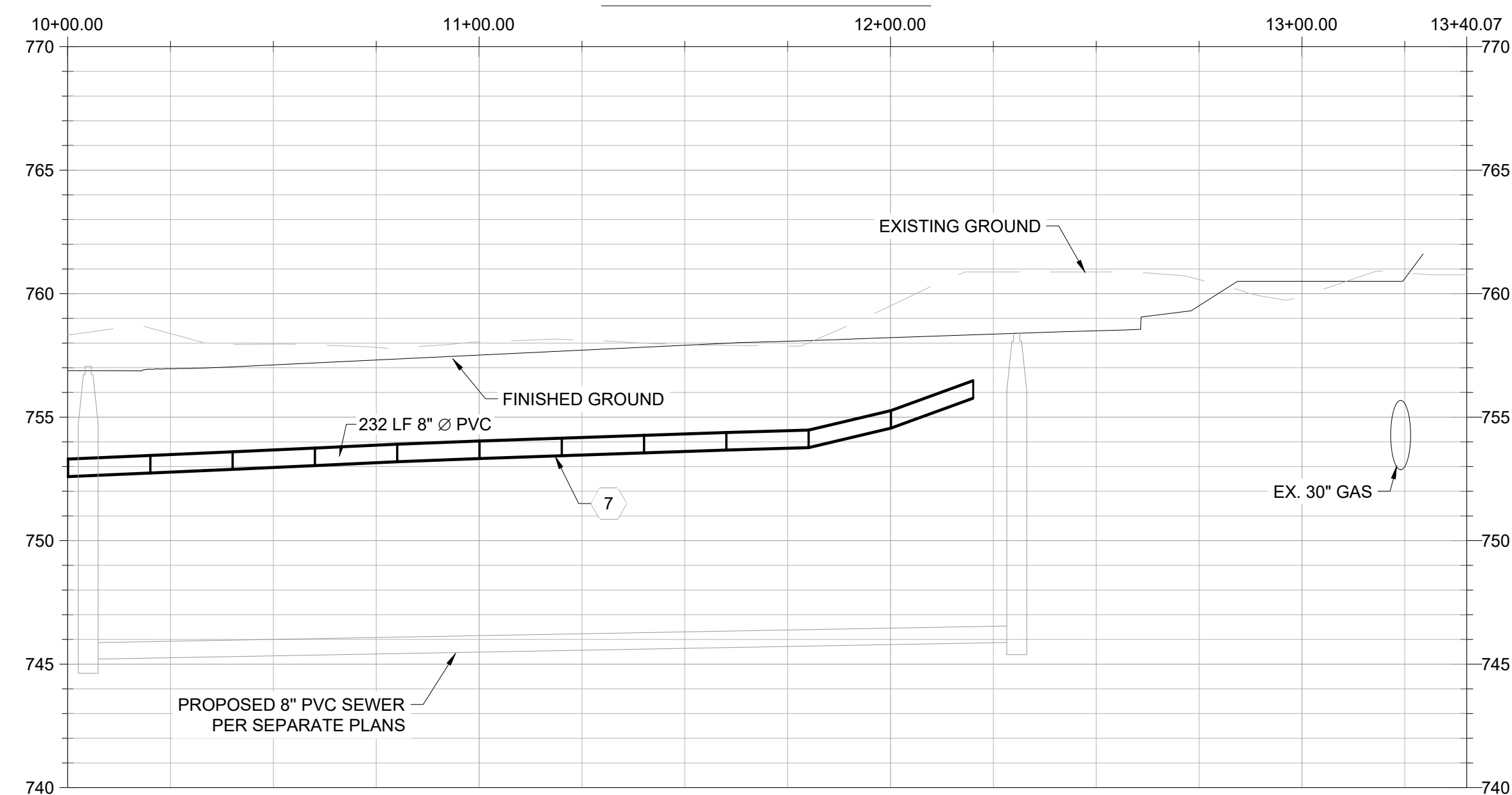
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STREET O (SEE SHEET W8.0)



STREET E PROFILE



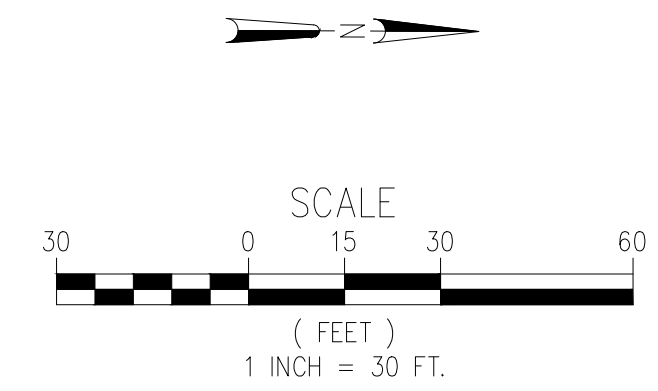
STA. 10+00.00 TO STA. 13+40.07
SCALE: 1"=20' HORIZ, 1"=3' VERT

LEGEND

PROPOSED/EXISTING FEATURES			
SW	SIDEWALK	⊙	EXISTING FIRE HYDRANT
CB	CATCH BASIN	⊙	EXISTING WATER METER
FF	FINISHED FLOOR	⊙	EXISTING SEWER CLEANOUT
PP	POWER POLE	⊙	EXISTING MONUMENT
WV	WATER VALVE	⊙	PROPOSED WATER METER
YD	YARD DRAIN	⊙	PROPOSED FIRE HYDRANT
LP	LOW POINT	⊙	PROPOSED CATCH BASIN
TC	TOP OF CURB	⊙	PROPOSED STORM DRAIN MANHOLE
PL	PROPERTY LINE	⊙	WATER VALVE
GB	GRADE BREAK	⊙	EXISTING SEWER MAIN
EP	EDGE OF PAVEMENT	⊙	EXISTING STORM DRAIN
EG	EXISTING GRADE	⊙	EXISTING WATER MAIN
FG	FINISHED GRADE	⊙	EXISTING GAS LINE
FL	FLOWLINE	⊙	EXISTING OVERHEAD ELECTRICAL LINE
TW	TOP OF WALL	⊙	EXISTING OVERHEAD COMMUNICATIONS LINE
TP	TOP OF PAVEMENT	⊙	EXISTING ELECTRICAL LINE
RW	RIGHT OF WAY	⊙	EXISTING EDGE OF PAVEMENT
PUE	PUBLIC UTILITY EASEMENT	⊙	EXISTING FENCE
⊙	PROPOSED SEWER MANHOLE	⊙	EXISTING RIGHT OF WAY
⊙	PROPOSED SEWER CLEANOUT	⊙	EXISTING PROPERTY LINE
⊙	PROPOSED YARD DRAINS	⊙	PROPOSED STORM DRAIN
⊙	CONSTRUCTION NOTE	⊙	PROPOSED BLOCK WALL
		⊙	PROPOSED WATER SERVICE
		⊙	PROPOSED SEWER SERVICE
		⊙	PROPOSED LOT LINES

CONSTRUCTION NOTES

- INSTALL 5/8" LONG WATER SERVICE WITH METER PER VAUGH WATER STANDARD 3A (SHEET W12.0).
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- INSTALL 10" WATER WITH A MINIMUM OF 42" OF COVER PER CAL WATER STANDARDS.
- INSTALL 8" WATER WITH A MINIMUM OF 42" OF COVER PER CAL WATER STANDARDS.



TRACT MAP NO. 7515 PHASE 1
WATER IMPROVEMENT PLANS
STREET X PLAN AND PROFILE

AES
AUTHORITY ENGINEERING SURVEYING
CIVIL ENGINEERING | LAND SURVEYING | PLANNING
5055 CALIFORNIA AVE STE 101, BAKERSFIELD, CA 93309

REVIEWED BY:	BY: CK
NO. DATE REVISION	



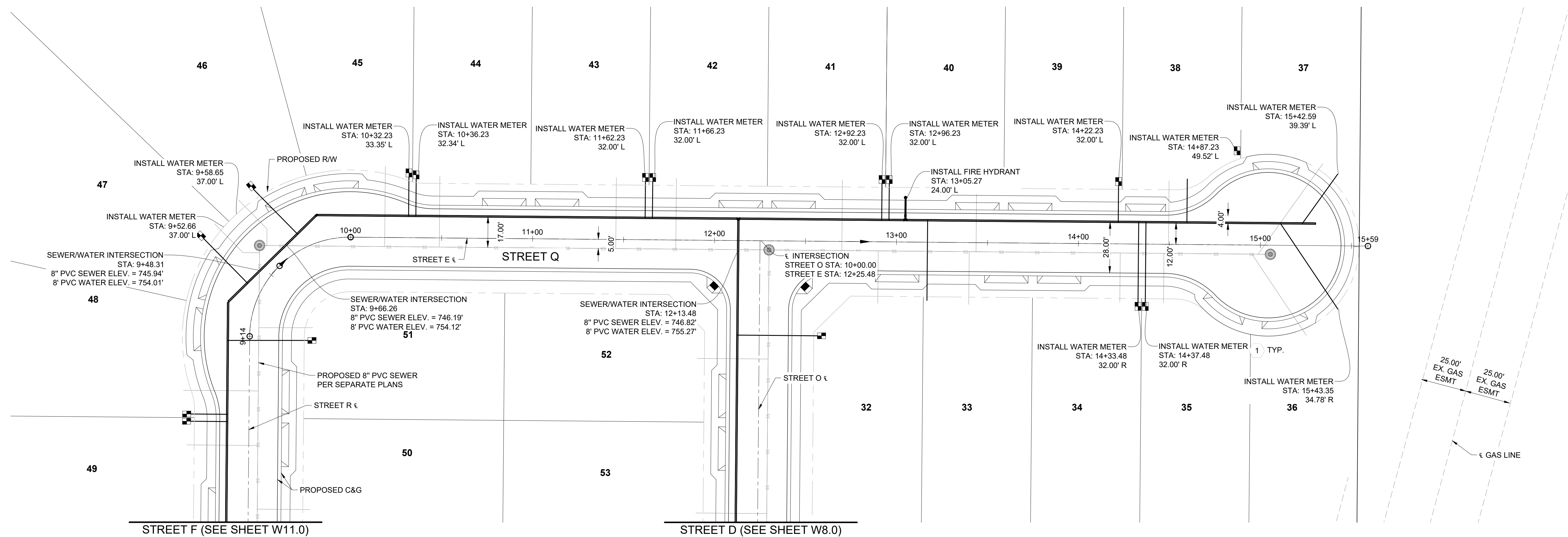
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CHECKED BY: NG
DRAWN BY: RS

PROJECT NO. 25-019

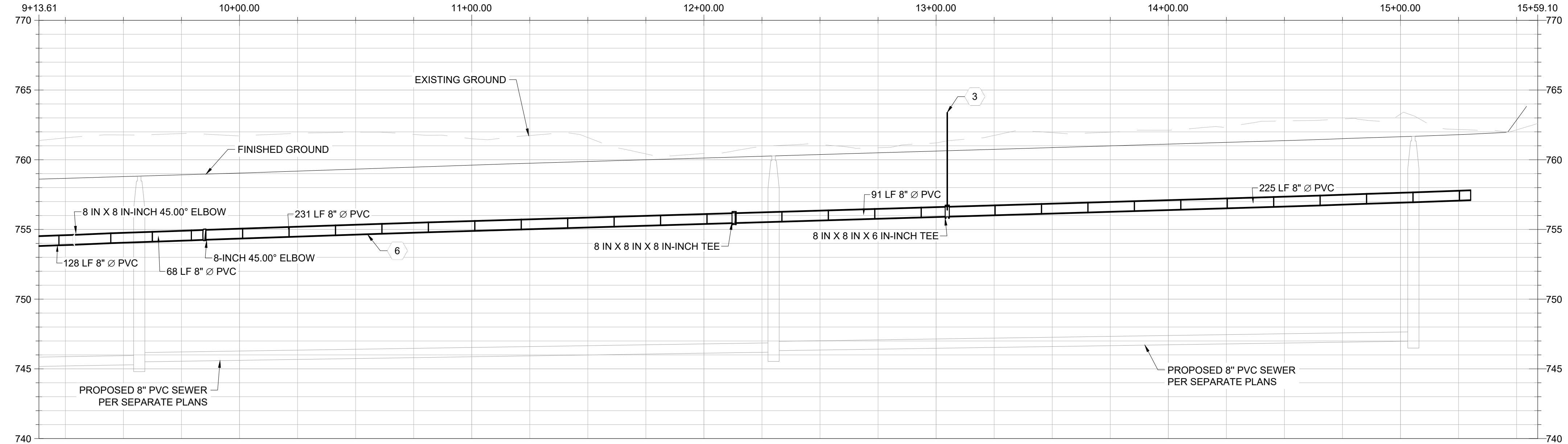
SHEET NO. 9 OF 12

W9.0

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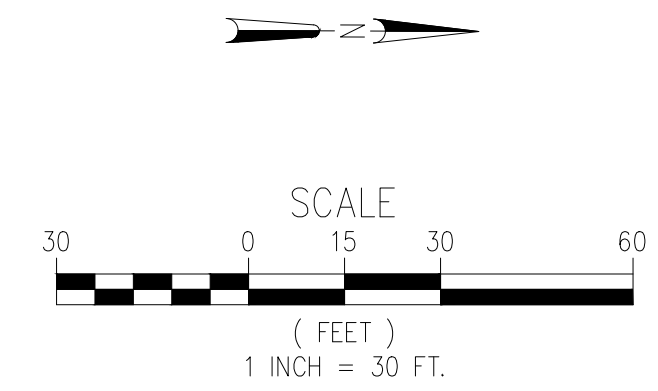
STREET Q PROFILE



STA. 9+13.61 TO STA. 15+59.10
SCALE: 1"=20' HORIZ, 1"=3' VERT

LEGEND	
PROPOSED/EXISTING FEATURES	
SW	SIDEWALK
CB	CATCH BASIN
FF	FINISHED FLOOR
PP	POWER POLE
WV	WATER VALVE
YD	YARD DRAIN
LP	LOW POINT
TC	TOP OF CURB
PL	PROPERTY LINE
GB	GRADE BREAK
EP	EDGE OF PAVEMENT
EG	EXISTING GRADE
FG	FINISHED GRADE
FL	FLOWLINE
TW	TOP OF WALL
TP	TOP OF PAVEMENT
RW	RIGHT OF WAY
PUE	PUBLIC UTILITY EASEMENT
⊙	PROPOSED SEWER MANHOLE
⊙	PROPOSED SEWER CLEANOUT
⊙	PROPOSED YARD DRAIN
→	CONSTRUCTION NOTE
⊙	EXISTING FIRE HYDRANT
⊙	EXISTING WATER METER
⊙	EXISTING SEWER CLEANOUT
⊙	EXISTING MONUMENT
⊙	PROPOSED WATER METER
⊙	PROPOSED FIRE HYDRANT
⊙	PROPOSED CATCH BASIN
⊙	PROPOSED STORM DRAIN MANHOLE
⊙	WATER VALVE
---	EXISTING SEWER MAIN
---	EXISTING STORM DRAIN
---	EXISTING WATER MAIN
---	EXISTING GAS LINE
---	EXISTING OVERHEAD ELECTRICAL LINE
---	EXISTING OVERHEAD COMMUNICATIONS LINE
---	EXISTING ELECTRICAL LINE
---	EXISTING EDGE OF PAVEMENT
---	EXISTING FENCE
---	EXISTING RIGHT OF WAY
---	EXISTING PROPERTY LINE
---	PROPOSED STORM DRAIN
---	PROPOSED BLOCK WALL
---	PROPOSED WATER SERVICE
---	PROPOSED SEWER SERVICE
---	PROPOSED LOT LINES

- CONSTRUCTION NOTES**
- INSTALL 5/8" LONG WATER SERVICE WITH METER PER VAUGH WATER STANDARD 3A (SHEET W12.0).
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TRACT MAP NO. 7515 PHASE 1
WATER IMPROVEMENT PLANS
STREET E PLAN AND PROFILE

AES
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CIVIL ENGINEERING | LAND SURVEYING | PLANNING
 5055 CALIFORNIA AVE STE 101, BAKERSFIELD, CA 93309

REVIEWED BY:	BY: CK
NO. DATE REVISION	

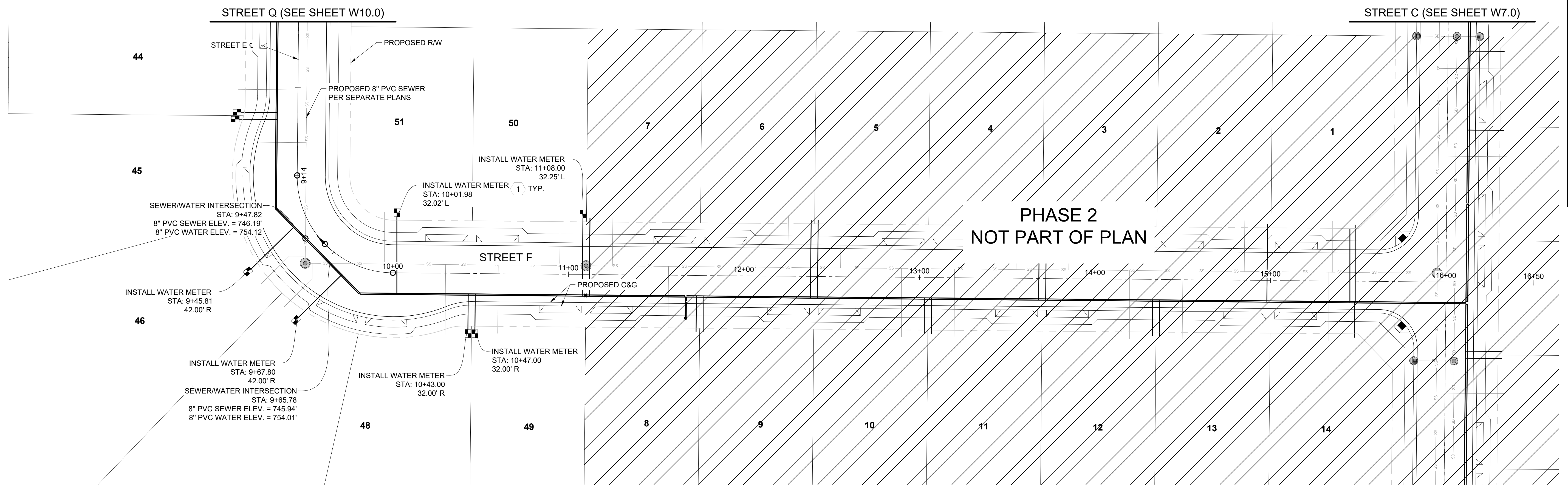


APPROVED BY: NG
 CHECKED BY: NG
 DRAWN BY: RS

PROJECT NO. 25-019
 SHEET NO. 10 of 12

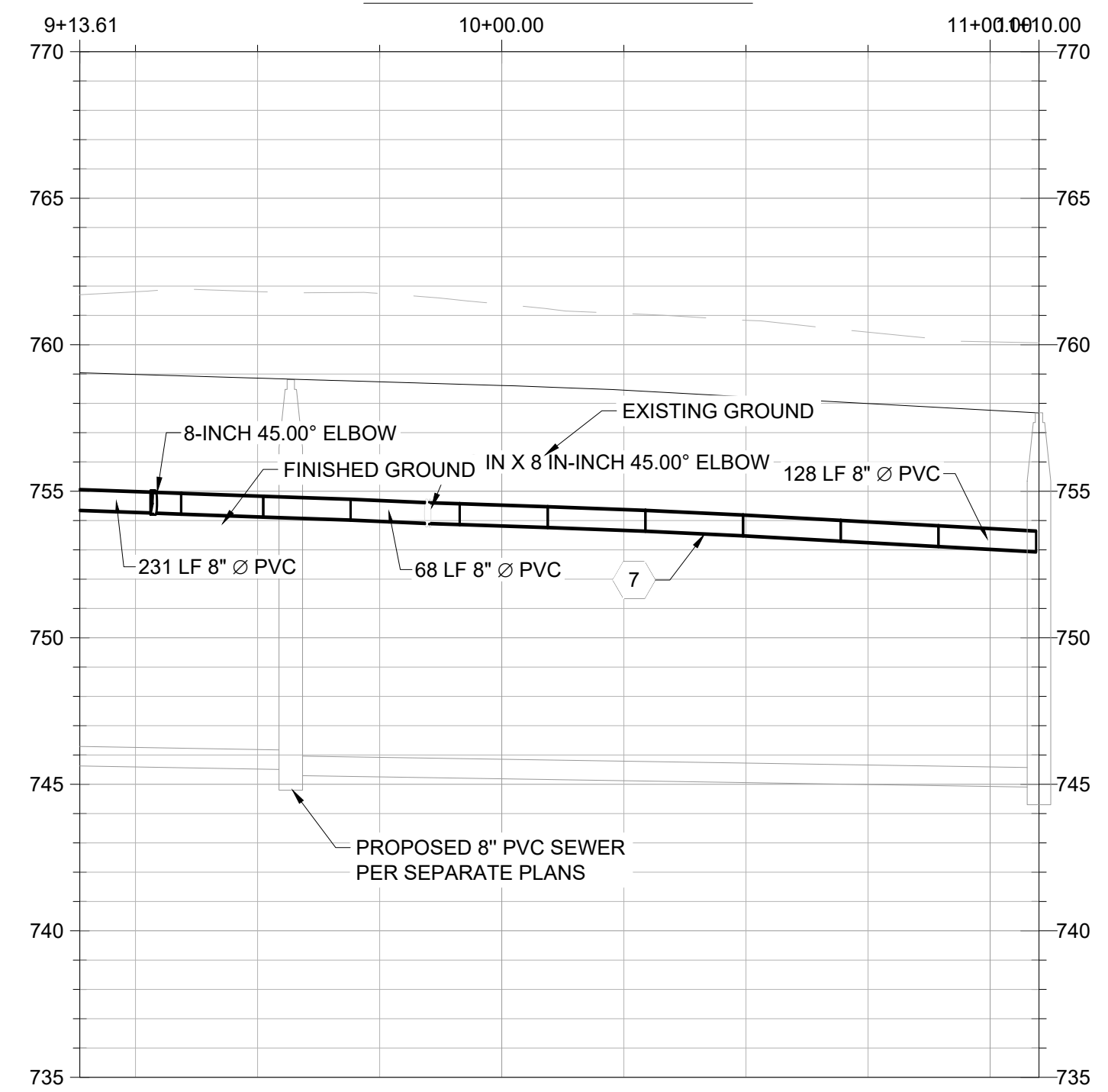
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PHASE 2
NOT PART OF PLAN

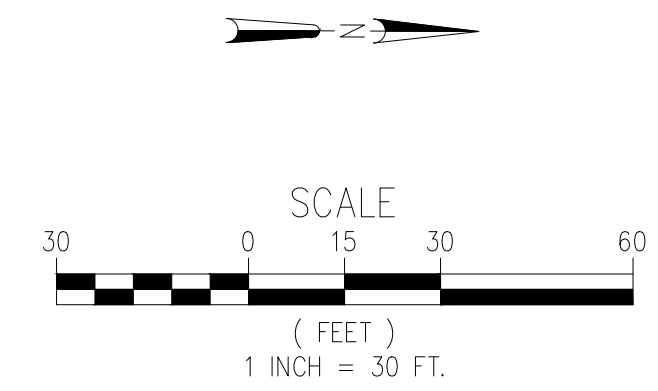
STREET F PROFILE



STA. 9+13.61 TO STA. 11+10.00
SCALE: 1"=20' HORIZ, 1"=3' VERT

LEGEND			
PROPOSED/EXISTING FEATURES			
SW	SIDEWALK		EXISTING FIRE HYDRANT
CB	CATCH BASIN		EXISTING WATER METER
FF	FINISHED FLOOR		EXISTING SEWER CLEANOUT
PP	POWER POLE		EXISTING MONUMENT
WV	WATER VALVE		PROPOSED WATER METER
YD	YARD DRAIN		PROPOSED FIRE HYDRANT
LP	LOW POINT		PROPOSED CATCH BASIN
TC	TOP OF CURB		PROPOSED STORM DRAIN MANHOLE
PL	PROPERTY LINE		WATER VALVE
GB	GRADE BREAK		EXISTING SEWER MAIN
EP	EDGE OF PAVEMENT		EXISTING STORM DRAIN
EG	EXISTING GRADE		EXISTING WATER MAIN
FG	FINISHED GRADE		EXISTING GAS LINE
FL	FLOWLINE		EXISTING OVERHEAD ELECTRICAL LINE
TW	TOP OF WALL		EXISTING OVERHEAD COMMUNICATIONS LINE
TP	TOP OF PAVEMENT		EXISTING ELECTRICAL LINE
R/W	RIGHT OF WAY		EXISTING EDGE OF PAVEMENT
PUE	PUBLIC UTILITY EASEMENT		EXISTING FENCE
			EXISTING RIGHT OF WAY
	PROPOSED SEWER MANHOLE		EXISTING PROPERTY LINE
	PROPOSED SEWER CLEANOUT		PROPOSED STORM DRAIN
	PROPOSED YARD DRAINS		PROPOSED BLOCK WALL
	CONSTRUCTION NOTE		PROPOSED WATER SERVICE
			PROPOSED SEWER SERVICE
			PROPOSED LOT LINES

- CONSTRUCTION NOTES**
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TTM 7515
WATER IMPROVEMENT PLANS
STREET F PLAN AND PROFILE

AES
AUTHORITY ENGINEERING SURVEYING
CIVIL ENGINEERING | LAND SURVEYING | PLANNING
5055 CALIFORNIA AVE STE 101, BAKERSFIELD, CA 93309

REVIEWED BY:	BY: CK
NO. DATE REVISION	



APPROVED BY: NG
CHECKED BY: NG
DRAWN BY: RS

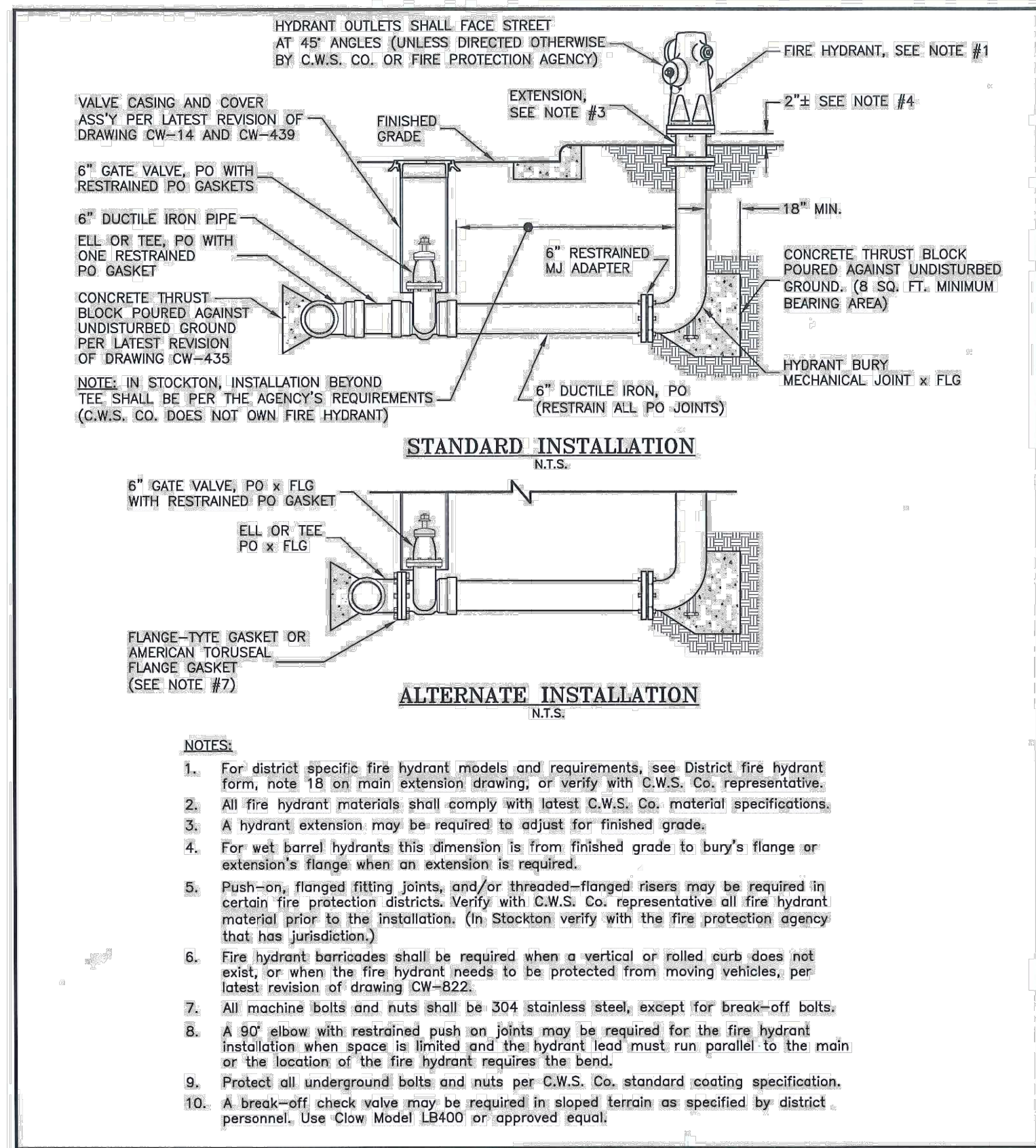
PROJECT NO. 25-019

SHEET NO. 11 OF 12

W11.0

Plot Date: 3/17/2026 1:29 PM
Save Date: 3/17/2026 1:21 PM

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	DRAWN BY: L. PERALTA	DESIGNED BY:	DATE: 5/21/2015
CHECKED BY:	APPROVED BY: <i>[Signature]</i>	PROJECT ID:	
REVISION: R16 CHANGED "RESTRAINED JOINT" NOTE TO "RESTRAINED GASKETS" 5/21/2015 W.R.	DRAWING NO.: CW300-R16		



NO.	DESCRIPTION	QUANTITY	UNIT	PRICE	TOTAL
1	6" DUCTILE IRON PIPE	100	FEET	1.50	150.00
2	6" GATE VALVE	1	EA	120.00	120.00
3	CONCRETE THRUST BLOCK	1	EA	150.00	150.00
4	6" RESTRAINED MJ ADAPTER	1	EA	100.00	100.00
5	HYDRANT BURY MECHANICAL JOINT	1	EA	80.00	80.00
6	FLANGE-TYPE GASKET	1	EA	20.00	20.00
7	AMERICAN TORQUE-FLANGE GASKET	1	EA	20.00	20.00
8	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
9	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
10	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
11	304 STAINLESS STEEL BREAK-OFF BOLT	100	PCS	0.50	50.00
12	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
13	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
14	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
15	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
16	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
17	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
18	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
19	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
20	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
21	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
22	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
23	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
24	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
25	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
26	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
27	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
28	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
29	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
30	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
31	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
32	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
33	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
34	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
35	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
36	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
37	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
38	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
39	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
40	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
41	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
42	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
43	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
44	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
45	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
46	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
47	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
48	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
49	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
50	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
51	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
52	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
53	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
54	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
55	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
56	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
57	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
58	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
59	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
60	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
61	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
62	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
63	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
64	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
65	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
66	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
67	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
68	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
69	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
70	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
71	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
72	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
73	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
74	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
75	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
76	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
77	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
78	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
79	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
80	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
81	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
82	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
83	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
84	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
85	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
86	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
87	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
88	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
89	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
90	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
91	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
92	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
93	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
94	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
95	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
96	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
97	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00
98	304 STAINLESS STEEL BOLT	100	PCS	0.50	50.00
99	304 STAINLESS STEEL WASH W/ LOCK WASHERS	100	PCS	0.50	50.00
100	304 STAINLESS STEEL NUT	100	PCS	0.50	50.00

TRACT MAP NO. 7515 PHASE 01

WATER IMPROVEMENT PLANS

DETAILS

AES

AUTHORITY ENGINEERING SURVEYING

CIVIL ENGINEERING | LAND SURVEYING | PLANNING

REVIEWED BY:	BY: CK
NO. DATE REVISION	



APPROVED BY: NG
 CHECKED BY: NG
 DRAWN BY: RS

PROJECT NO. 25-019

SHEET NO. **12** OF 12

W12.0