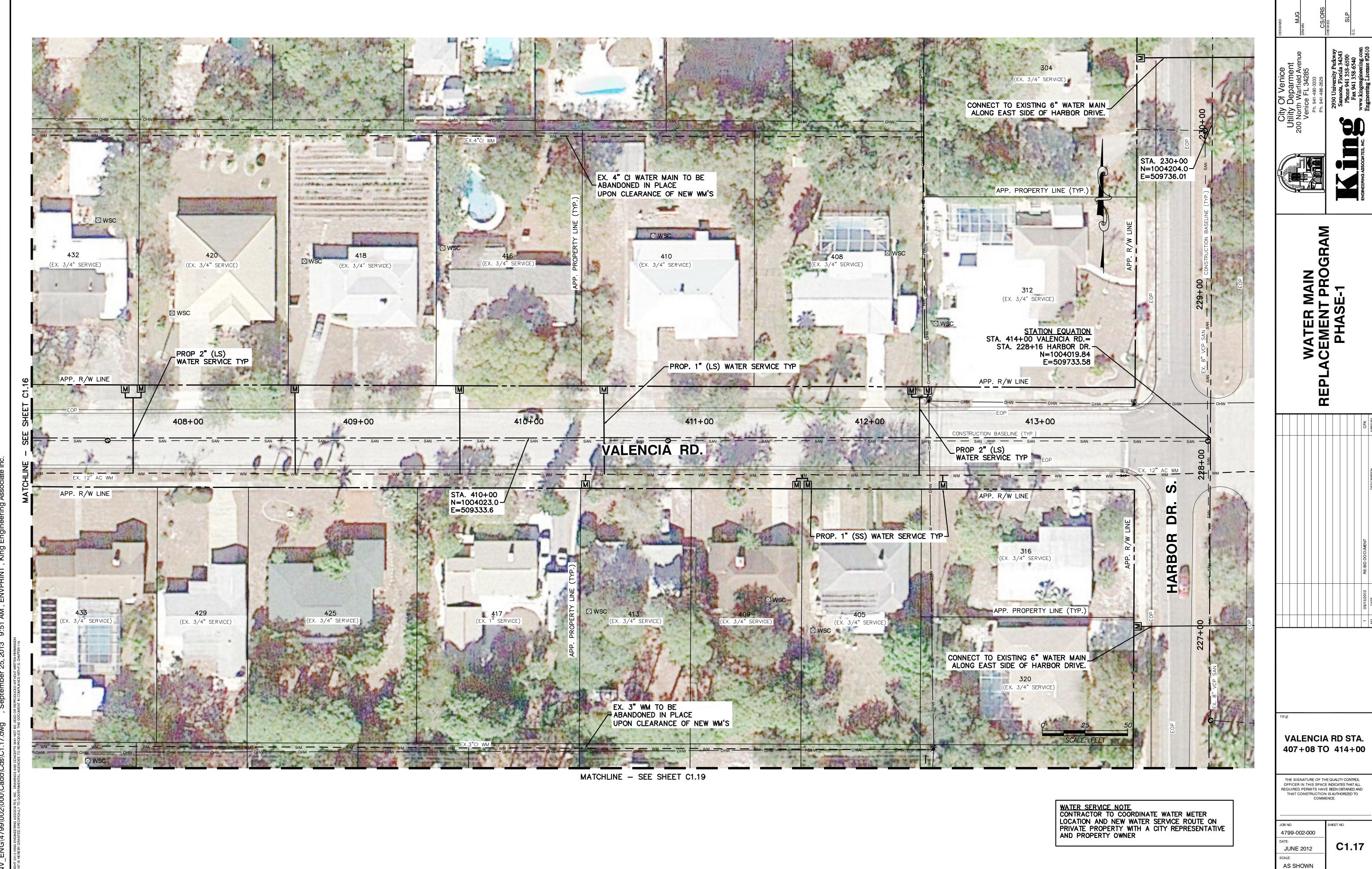


AS SHOWN

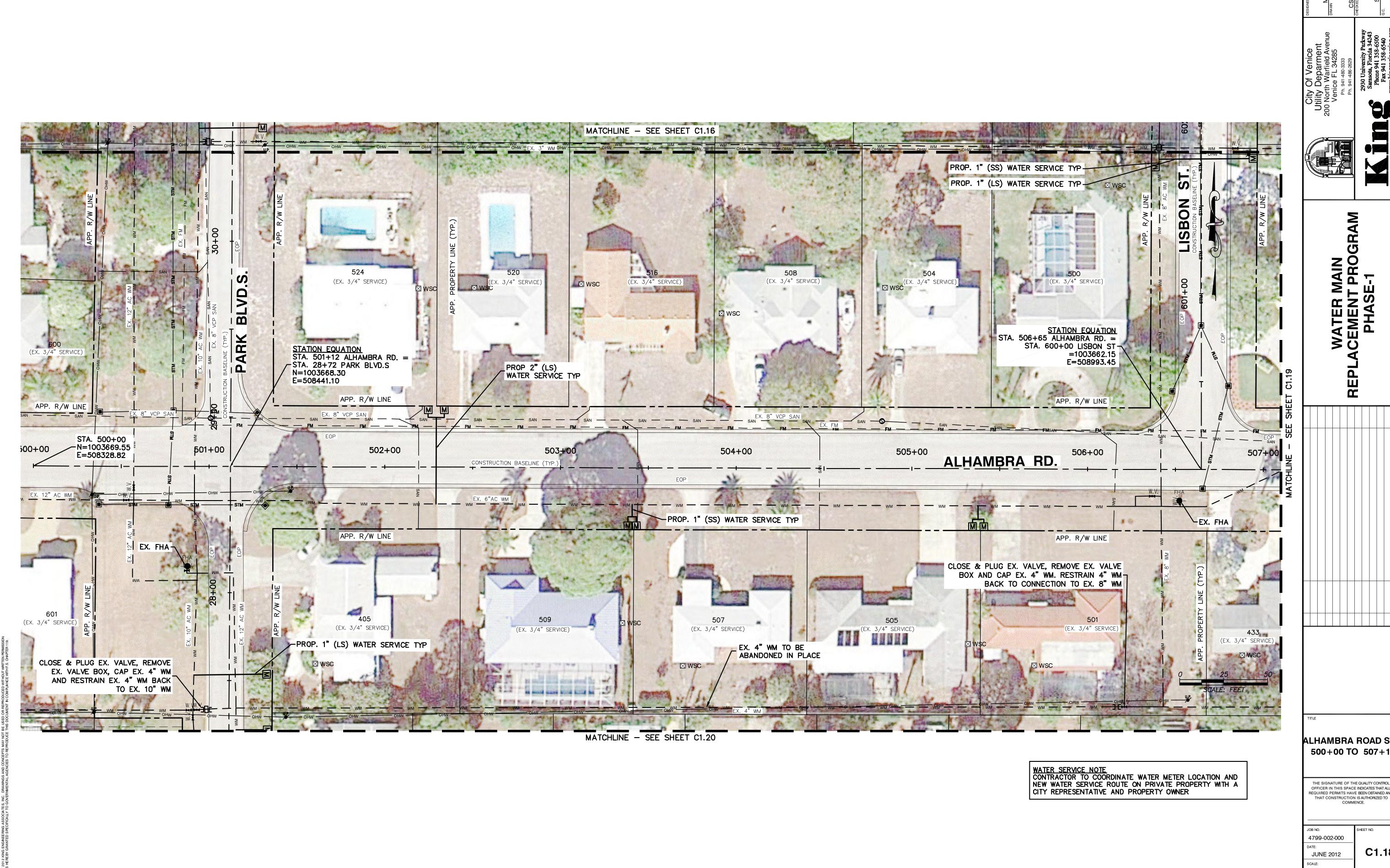
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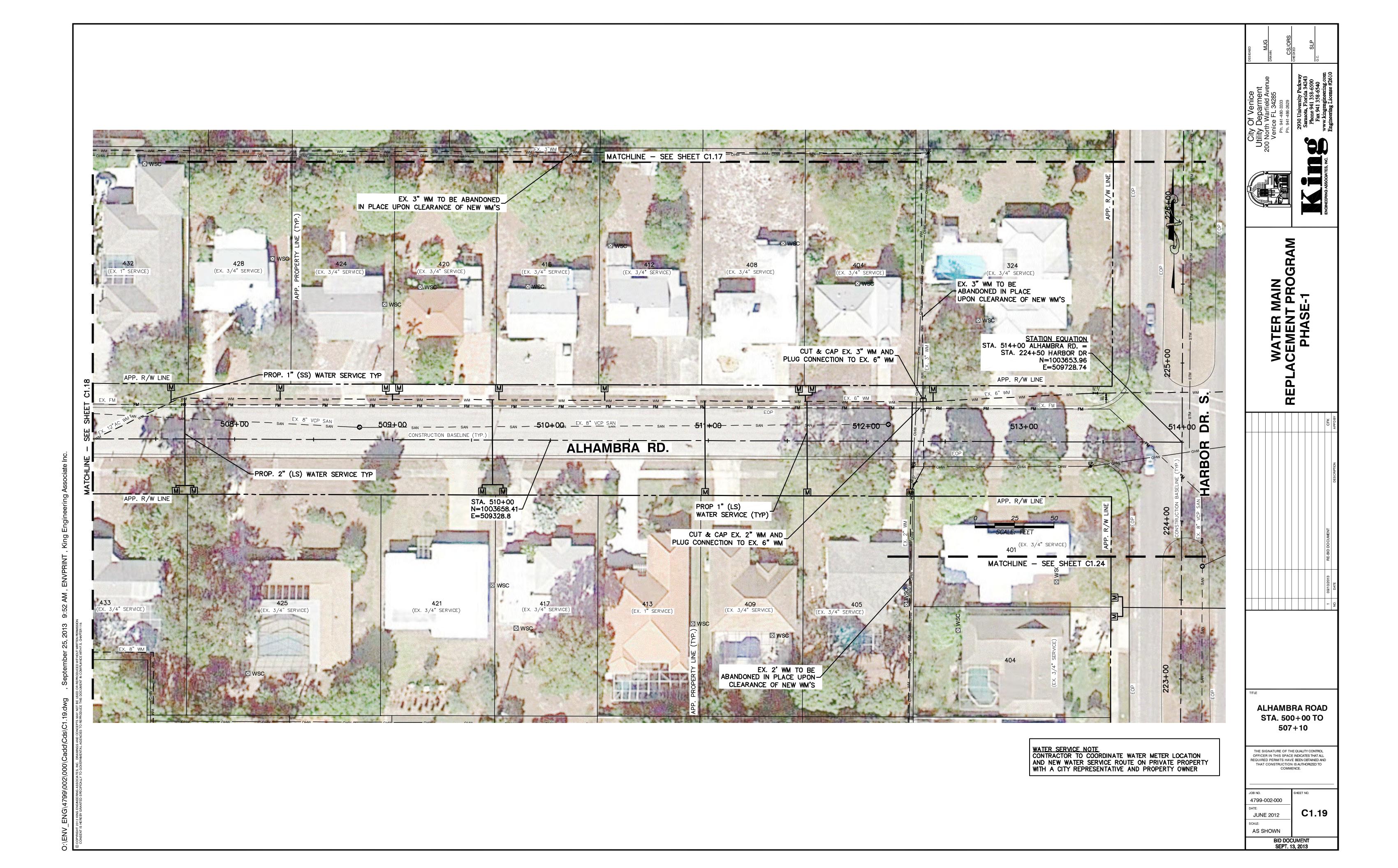
ALHAMBRA ROAD STA. 500+00 TO 507+10

THE SIGNATURE OF THE QUALITY CONTROL OFFICER IN THIS SPACE INDICATES THAT ALL REQUIRED PERMITS HAVE BEEN OBTAINED AND THAT CONSTRUCTION IS AUTHORIZED TO COMMENCE.

C1.18 AS SHOWN

BID DOCUMENT

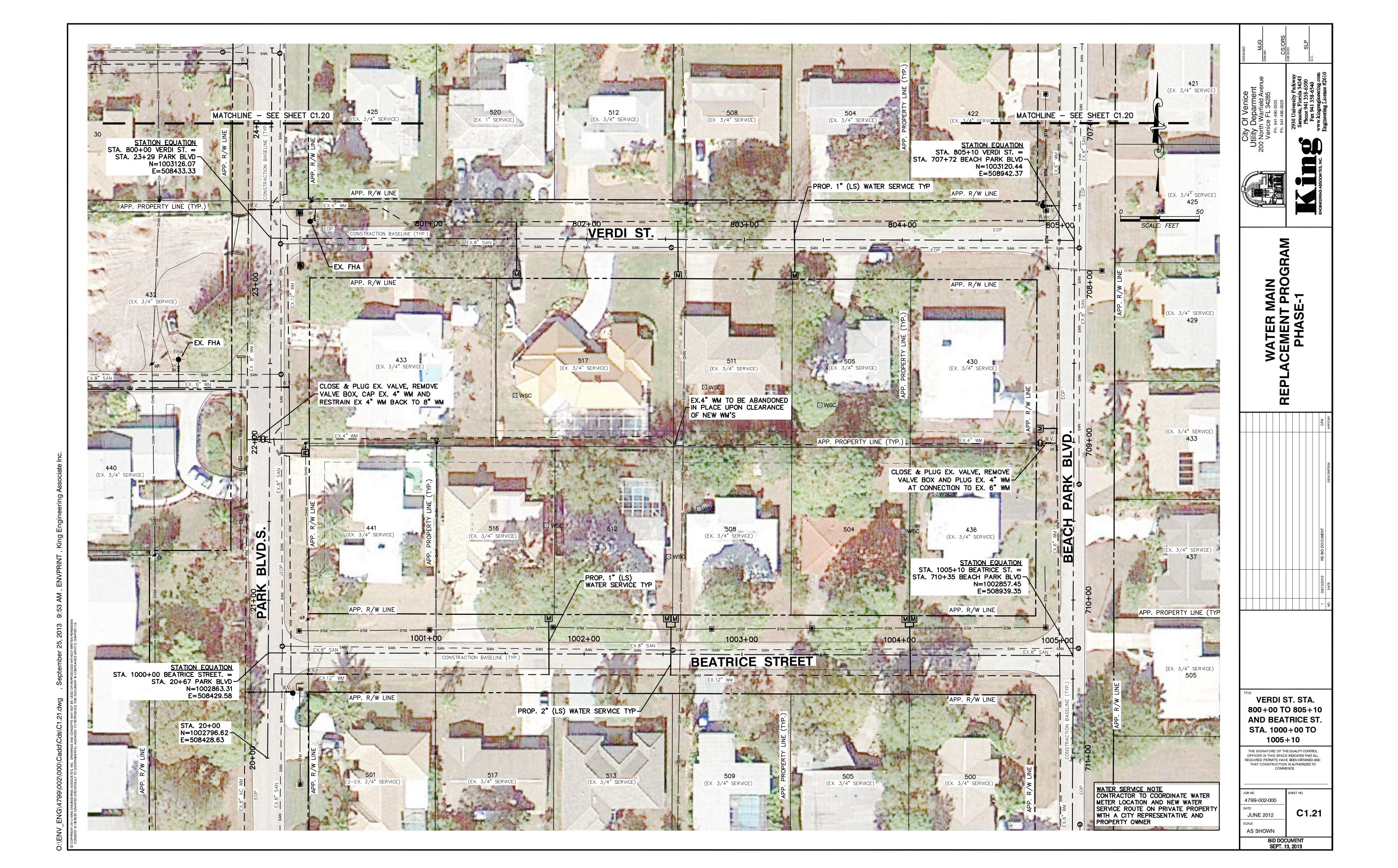
SEPT. 13, 2013



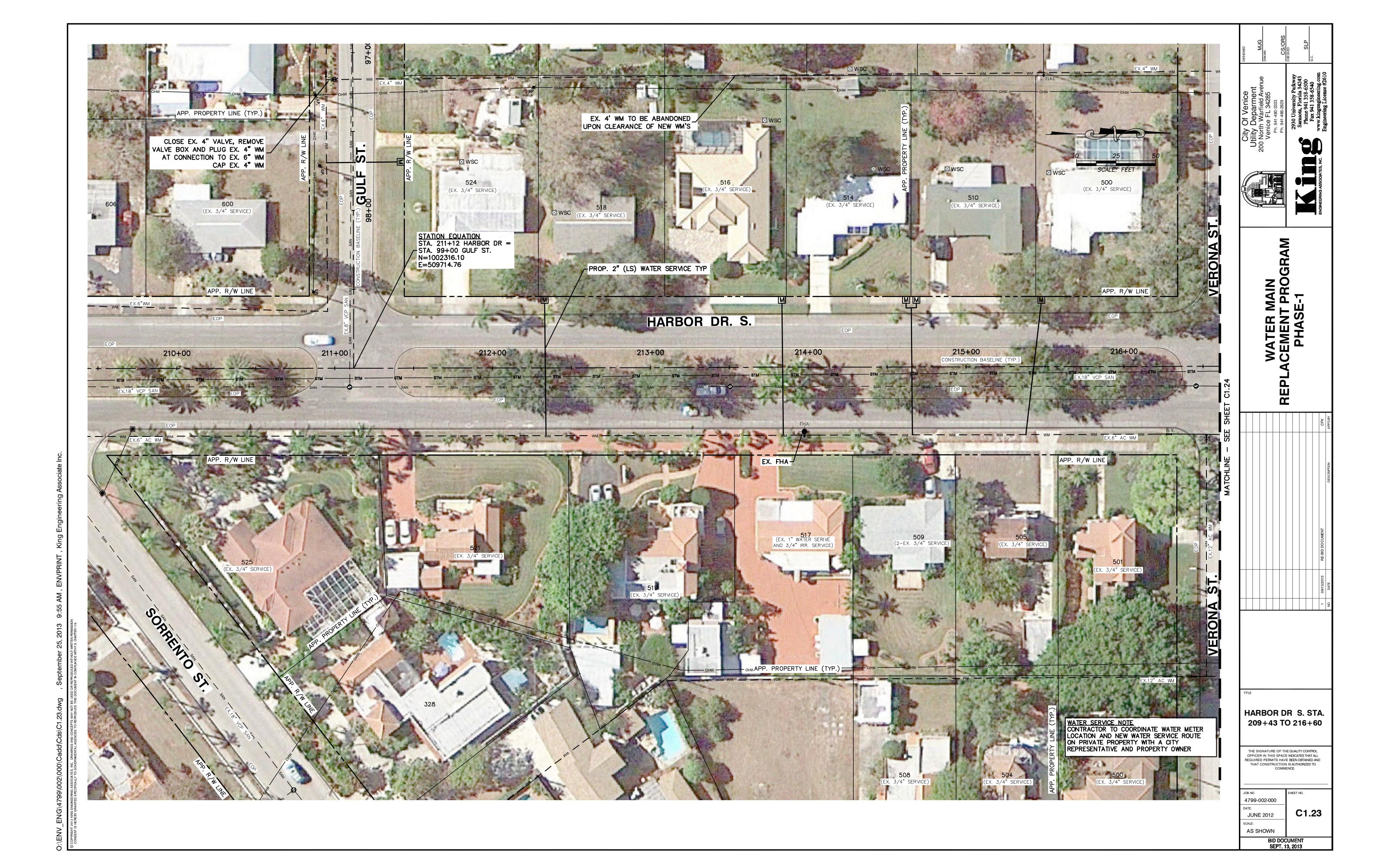
508 (EX. 3/4" SERVICE) **516** (EX. 3/4" SERVICE) 512 (EX. 3/4" SERVICE) 504 (EX. 3/4" SERVICE) PROP. 1" (LS) WATER SERVICE TYP STATION EQUATION STA. 700+00 SAINT JOSEPH ST = STA. 25+93 PARK BLVD.S N=10036389.10 E=508437.10 PROP 2" (LS)
WATER SERVICE TYP SANTE JOSEPH ST. APP. PROPERTY LINE (TYP.) (EX. 3/4" SERVICE) (EX. 3/4" SERVICE) SANTE JOSEPH **STREET STA. 700+00** (EX. 3/4" SERVICE) TO 705+08 422 THE SIGNATURE OF THE QUALITY CONTROL (EX. 1" SERVICE) (EX. 3/4" SERVICE) OFFICER IN THIS SPACE INDICATES THAT ALL
REQUIRED PERMITS HAVE BEEN OBTAINED AND
THAT CONSTRUCTION IS AUTHORIZED TO
COMMENCE. (EX. 3/4" SERVICE MATCHLINE - SEE SHEET C1.21 WATER SERVICE NOTE
CONTRACTOR TO COORDINATE WATER METER LOCATION AND
NEW WATER SERVICE ROUTE ON PRIVATE PROPERTY WITH A
CITY REPRESENTATIVE AND PROPERTY OWNER 4799-002-000 C1.20 JUNE 2012

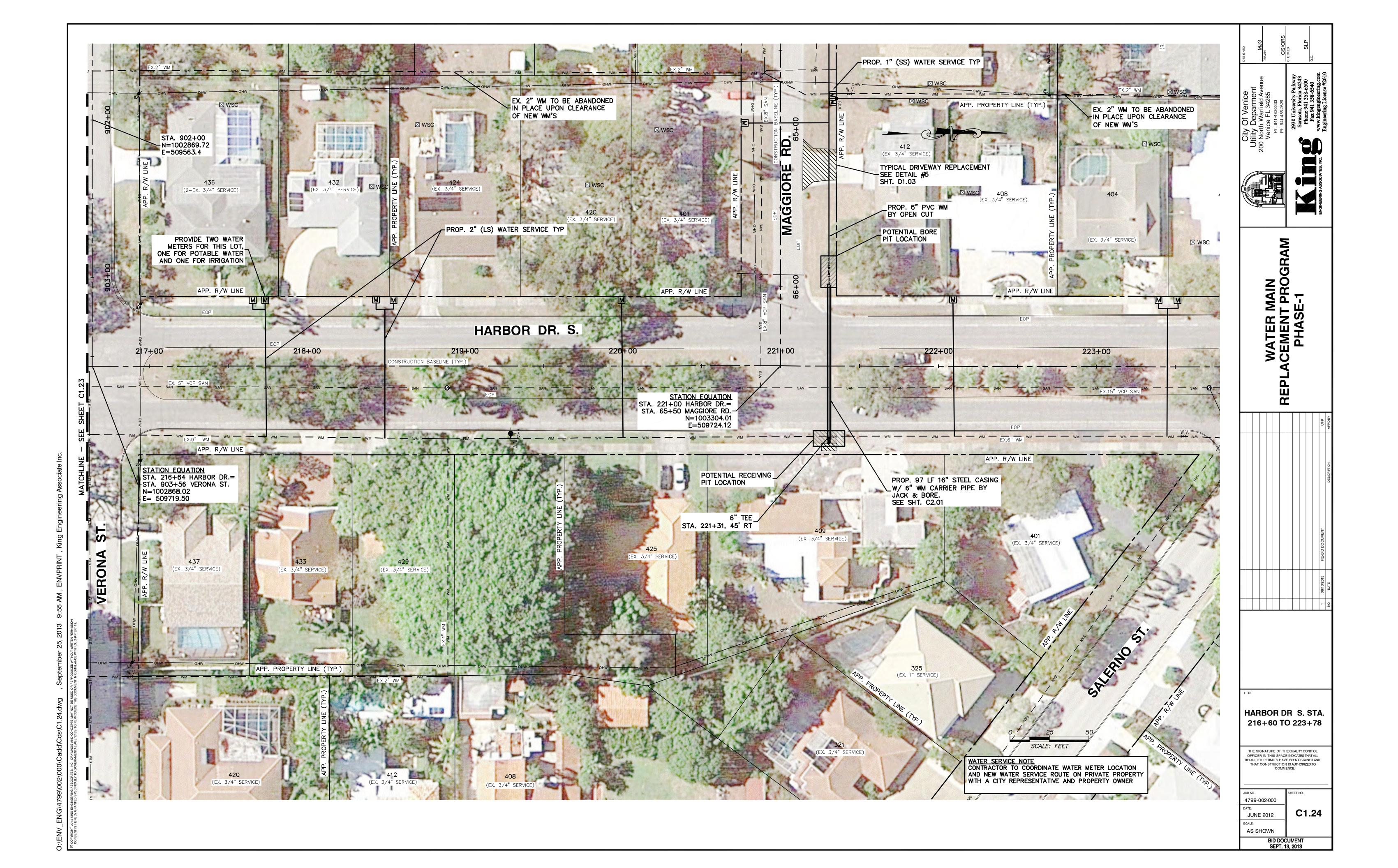
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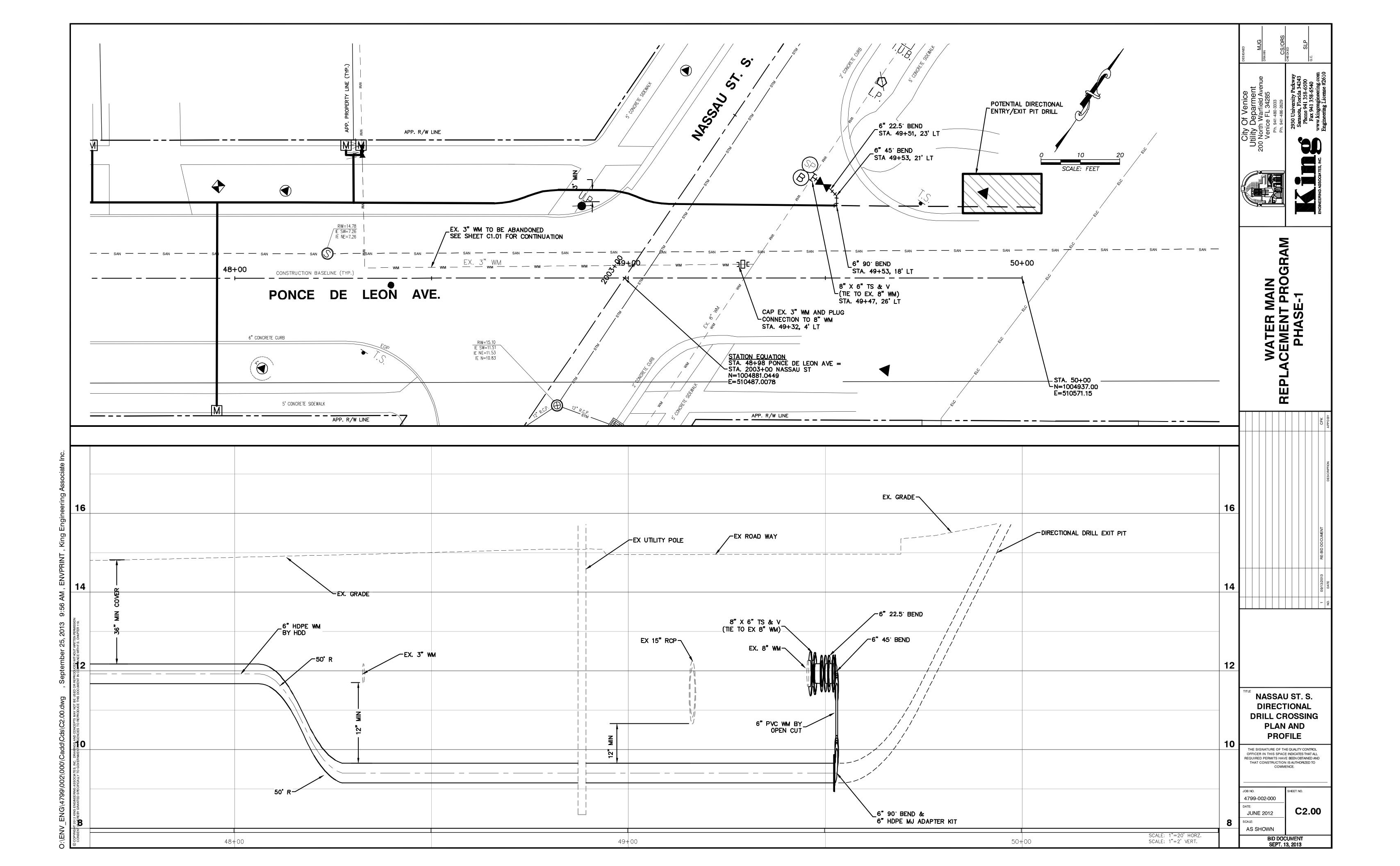
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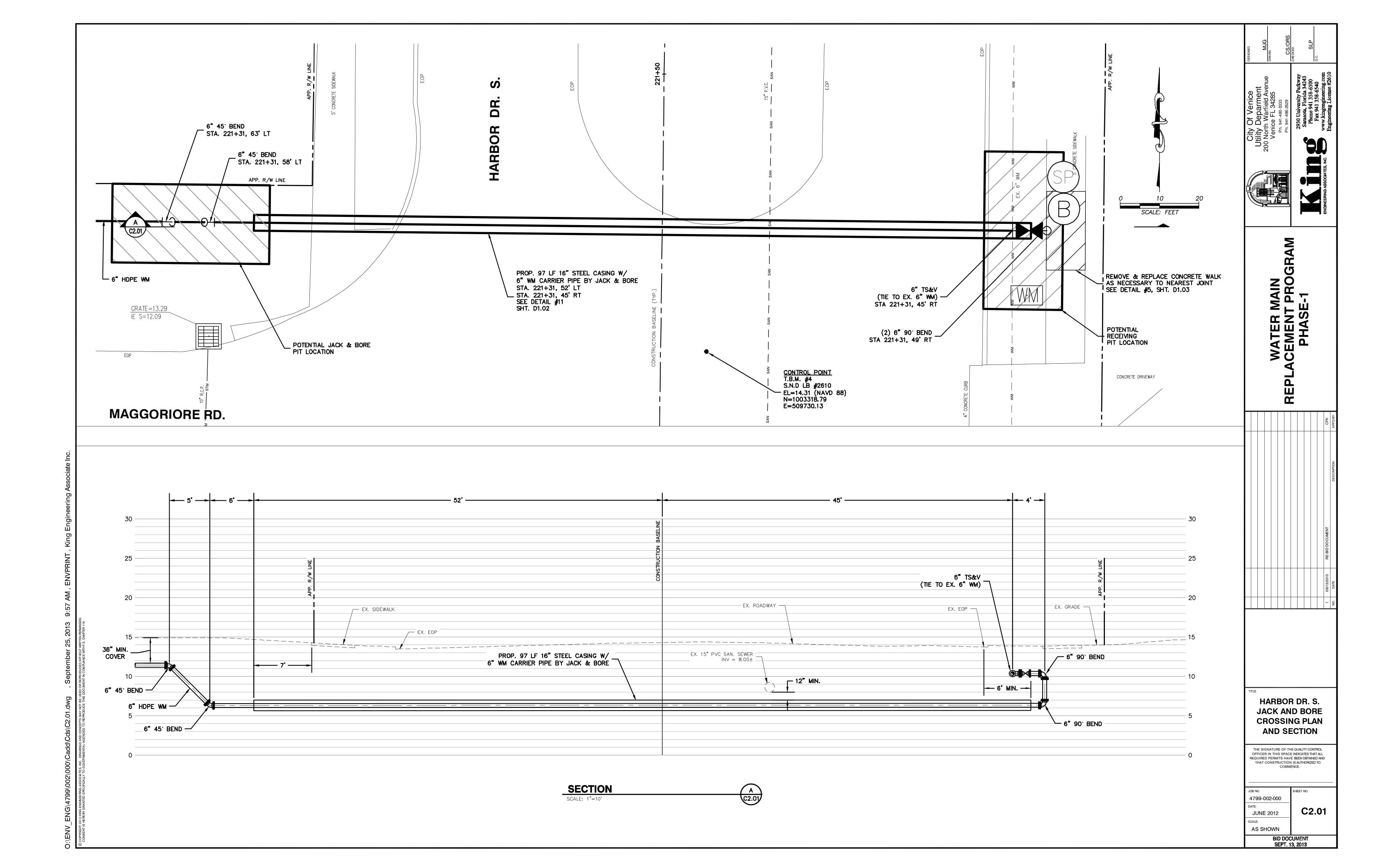


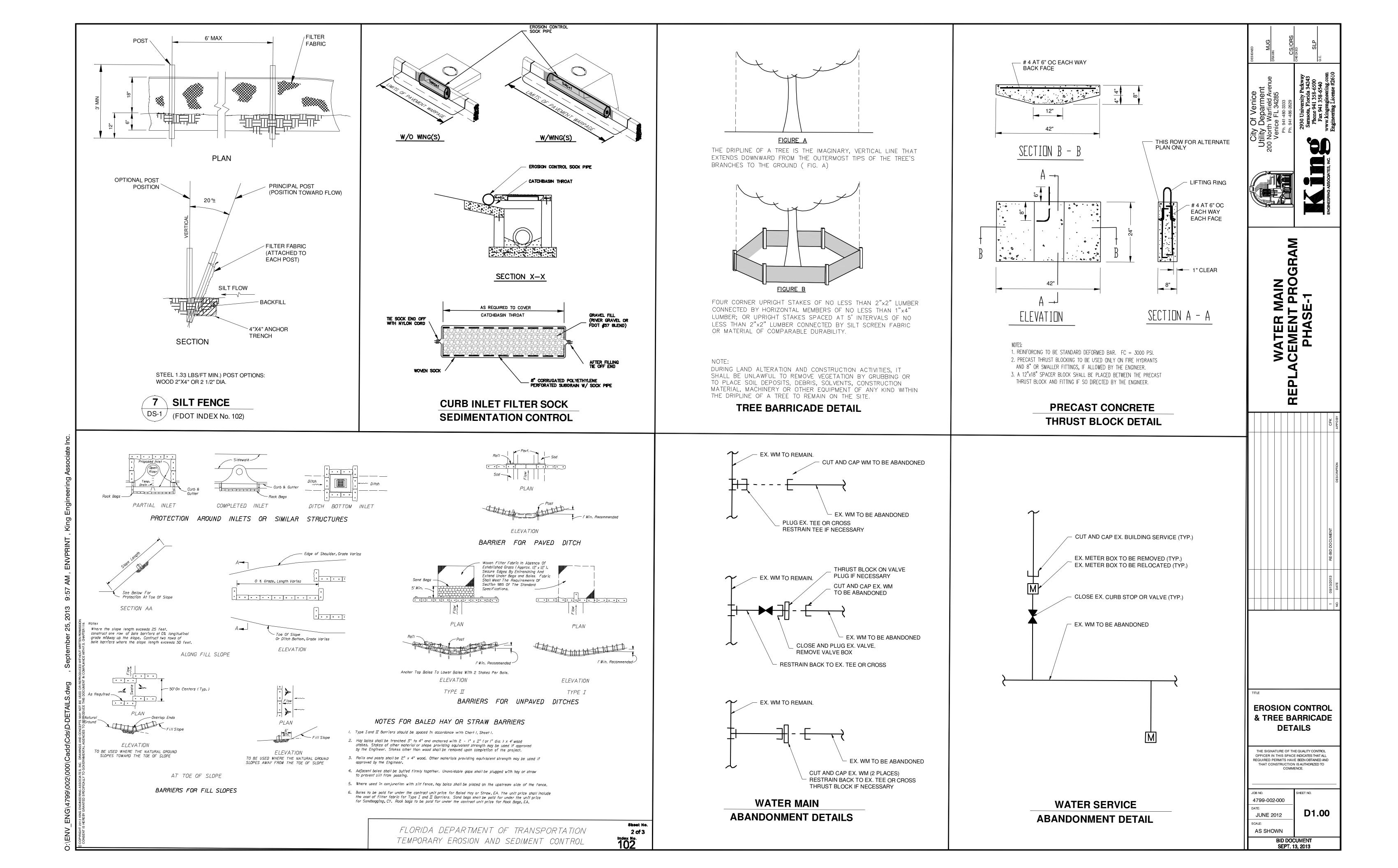
V_ENG\4799\002\000\Cadd\Cds\C1.22.dwg , September 25, 2013 9:54 AM , ENVPRINT , King Engineering Associate In

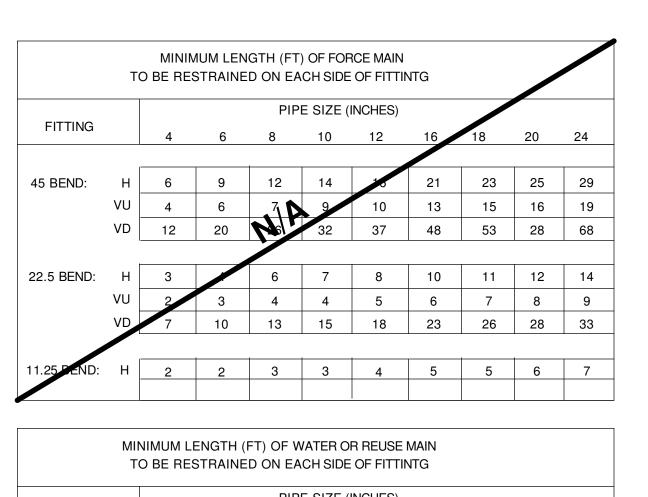












PIPE SIZE (INCHES) **FITTING** 4 6 8 10 12 16 18 20 24 90 BEND: H 23 33 43 51 60 76 83 90 104 45 BEND: H 10 | 14 | 18 | 21 | 25 | 31 34 | 37 | 43 8 11 13 16 20 22 24 28 VD 22 30 40 48 56 72 80 87 102 H | 5 | 7 | 8 | 10 | 12 | 15 | 17 | 18 | 21 7 10 11 | 12 | 14 VU 3 4 5 6 VD | 10 | 15 | 19 | 23 | 27 | 35 | 38 | 42 | 49 H 2 3 4 5 6 7 8 9 10 52 73 96 115 136 174 193 211 246

PRESSURE MAIN RESTRAINED JOINT TABLES

ABBREVIATIONS: H=HORIZONTAL, VU=VERTICAL UP, VD=VERTICAL DOWN.

REFERENCE PT

HOSE NOZZLES

FLANGE -

TRACING WIRE

SHALL BE TIED

TO BREAK-AWAY

BREAKABLE

CONNECTION

USE MANUFACTURERS

CONNECTION FLANGE TO

SPECIFICATIONS FOR

INSTALLED HEIGHT

FROM BREAKABLE

FINISH GRADE.

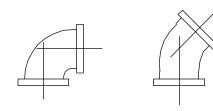
NOTES:

TWO 2 1/2"

WSR-3

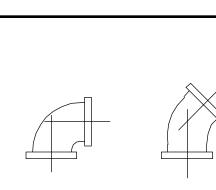
NOTES:

- 1. FOR TEE OR REDUCER FITTINGS SUBMIT RESTRAINED JOINT LENGTH CALCULATIONS TO CITY ENGINEER FOR REVIEW AND APPROVAL, USING THE ASSUMPTIONS LISTED
- 2. RESTRAINED JOINT LENGTH FOR WATER AND REUSE MAINS BASED ON TEST PRESSURE OF 150 PSI. RESTRAINED JOINT LENGTH FOR FORCE (SEWER) MAINS BASED ON TEST PRESSURE OF 100 PSI. CALCULATIONS WERE MADE USING EBAA IRON SOFTWARE (AVAILABLE AT WWW.EBAA.COM) AND THE FOLLOWING ASSUMPTIONS: GRANULAR MATERIAL (GM) SOIL TYPE, TRENCH TYPE 3, BURY DEPTH OF 3 FT, AND SAFETY FACTOR OF 2 TO 1. IF FIELD CONDITIONS DIFFER FROM ABOVE ASSUMPTIONS EOR SHALL PROVIDE CALCULATIONS BASED ON ACTUAL CONDITIONS.
- 3. RESTRAINED JOINT SHALL BE USED ON ALL JOINTS FROM ANY MAIN TEE TO ANY FIRE HYDRANT ASSEMBLY.
- 4. THRUST BLOCKS WILL NOT BE ACCEPTED, UNLESS OTHERWISE APPROVED BY THE
- 5. VALVES SHALL BE RESTRAINED SAME AS PLUGS

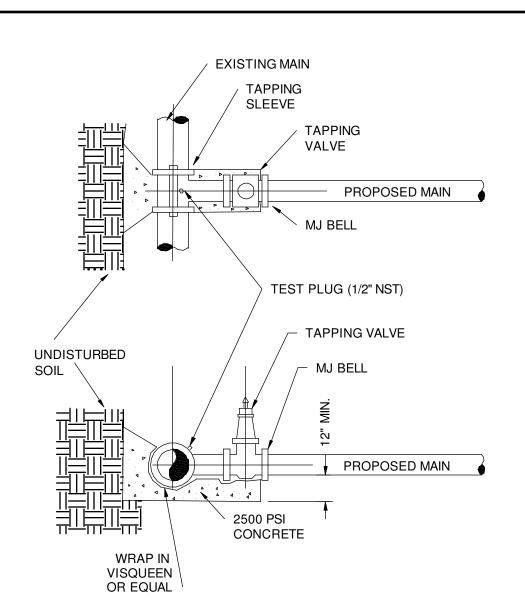


- 1.) ALL PIPE FITTINGS SHALL BE COMPACT, DUCTILE IRON.
- 2.) ALL APPLICATIONS (RAW, POTABLE, REUSE, SEWER) SHALL BE FUSION BONDED EPOXY COATED INSIDE AND OUT.
- 3.) ALL FITTINGS SHALL MEET ANSI/AWWA C116/A21.16 STANDARDS.









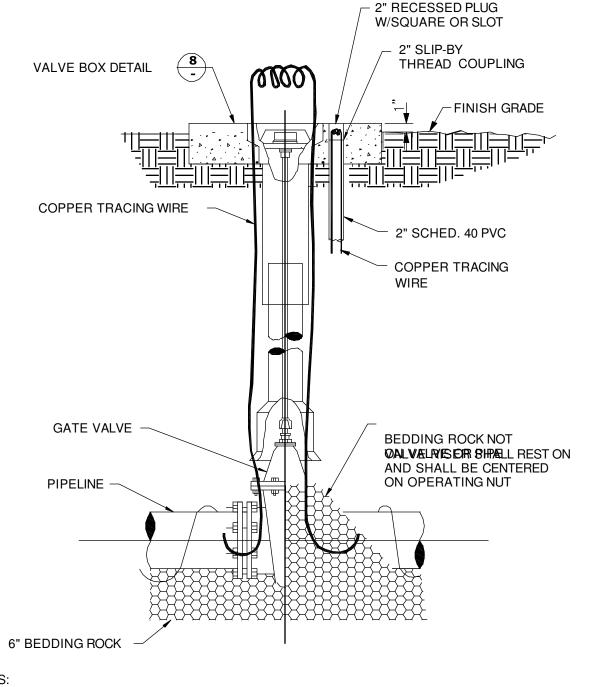
- AND TAGGED WITH A PERMANENT LABEL "RECLAIMED WATER-DO NOT DRINK."
- MEDALLION WITH BREAK-AWAY FEATURE. ALL BOLTS SHALL BE SS (BONNET, SAFETY FLANGE, SHOE).

- SEWER STRUCTURE.
- 8.) FOR CLEARANCE ISSUES, PLEASE REFER TO CURRENT FLORIDA FIRE PREVENTION CODE REQUIREMENTS.
- IT SHALL BE COLOR CODED TO REFLECT WHAT THE PIPE CARRIES.
- 11.) FIRE HYDRANT ASSEMBLY INCLUDES GATE VALVE.

SCALE: NONE

- 1.) EXISTING MAIN SHALL NOT BE TAPPED UNTIL THE ASSEMBLED SLEEVE AND VALVE ARE TESTED IN PLACE AT A MINIMUM OF 150 PSI FOR THIRTY MINUTES.
- 2.) UPON SUCCESSFUL TAPPING SLEEVE PRESSURE TEST (NOTE 1), THE THRUST BLOCK SHALL BE POURED AND HAVE SET FOR 24 HRS PRIOR TO TAPPING. READY-MADE THRUST BLOCKS CAN BE USED WITH CITY APPROVAL
- 3.) STAINLESS STEEL TAPPING SLEEVE SHALL BE FORD. ALL HARDWARE SHALL BE STAINLESS STEEL. GASKETS SHALL BE VIRGIN SBR COMPOUND FOR WATER SERVICE.
- 4.) GATE VALVES SHALL BE RESILIENT WEDGE-TYPE MANUFACTURED BY MUELLER OR AMERICAN VALVE. ALL GATE VALVES SHALL BE FUSION BONDED EPOXY COATED (INTERIOR AND EXTERIOR) MEET ANSI/AWWA C55O, AND BE NSF61 CERTIFIED.





VALVE SIZE (I.E. 8)

SERVICE (REUSE)

9 1/16

7 3/8 "

COVER DETAIL

APPROPRIATE SERVICE

SHALL BE INDICATED

- 1.) GATE VALVES SHALL BE RESILIENT WEDGE-TYPE MANUFACTURED BY MUELLER, AMERICAN VALVE, OR EQUAL. ALL GATE VALVES SHALL BE FUSION BONDED EPOXY COATED (INTERIOR AND EXTERIOR) MEET ANSI/AWWA C550 AND BE NSF61 CERTIFIED.
- 2.) FOR VALVES LARGER THAN 12" IN DIAMETER AN OFFSET GEAR ACTUATED OPERATOR IS REQUIRED.

DIRECTION & # OF TURNS TO OPEN (I.E. L-10)

24"X24"X6" CONCRETE PAD

(3000 PSI AT 28 DAYS WITH

FIBER REINFORCEMENT)

VALVE BOX ASSEMBLY

SHALL BE DUCTILE IRON

- 3.) VALVE SHALL BE INSTALLED IN CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- 4.) COPPERHEAD TRACING WIRE PART #1230HS #12 AWG SHALL BE USED. IT SHALL BE COLOR CODED TO REFLECT WHAT THE PIPE CARRIES. (BLUE = WATER, PURPLE = REUSE)



3" DIA. BRASS DISK

2" RECESSED PLUG W/SQUARE OR SLOT FOR 12 AWG COPPER TRACING WIRE

2" SCHED. 40 P₩

PROFILE

12 AWG COPPER TRACING WIRE

1.) PAVED AREAS: SET CONCRETE PAD AND COVER FLUSH WITH FINISHED PAVEMENT SURFACE.

VALVES LOCATED IN DITCH AND OVER 4' DEPTH (LINE) MUST USE TRENCH ADAPTER

2.) UNPAVED AREAS: SET PAD AND COVER 1 INCH ABOVE FINISHED GRADE.

4.) COPPERHEAD TRACING WIRE PART #1230HS #12 AWG SHALL BE USED.

IT SHALL BE COLOR CODED TO REFLECT WHAT THE PIPE CARRIES.

PLAN

2" RECESSED PLUG

W/SQUARE OR SLOT

2" SLIP-BY

THREAD COUPLING

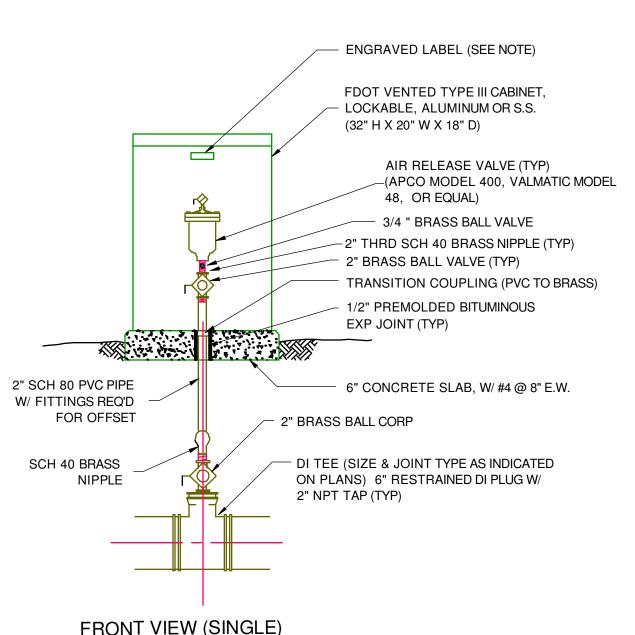
∠COMPACT BACKFILL

AND VALVE

AROUND TOP SECTION

ANCHORED IN

CONCRETE

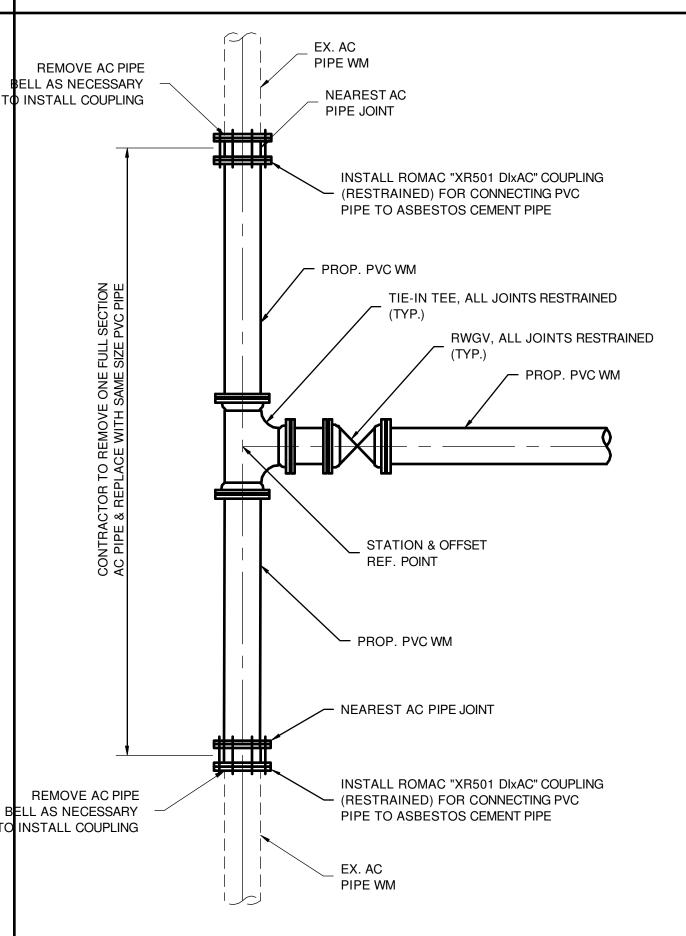


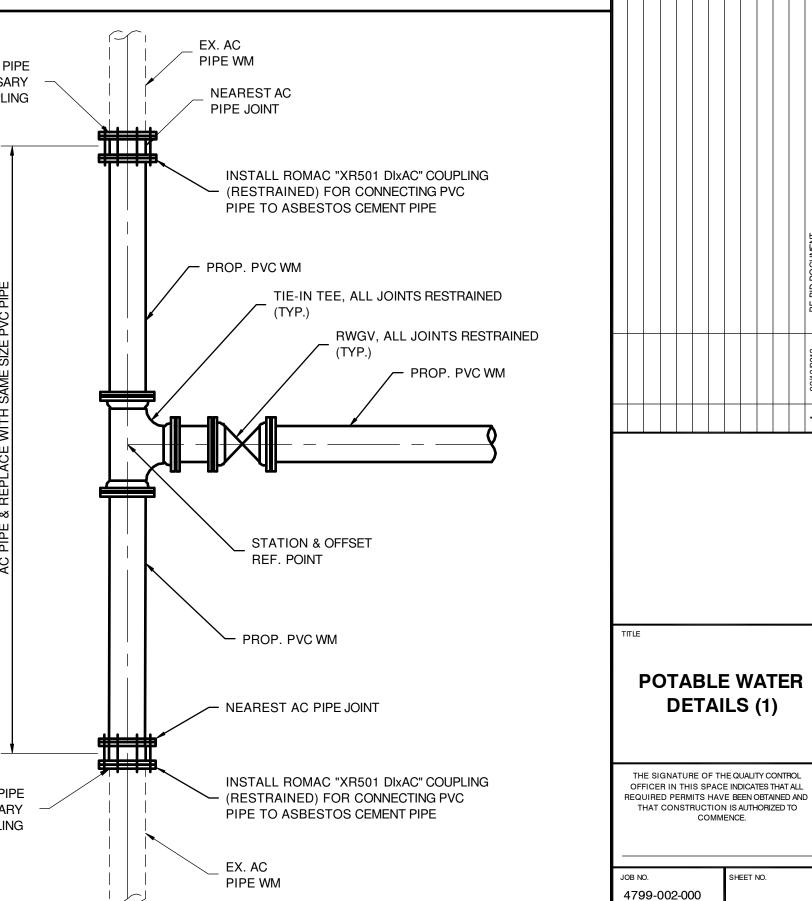
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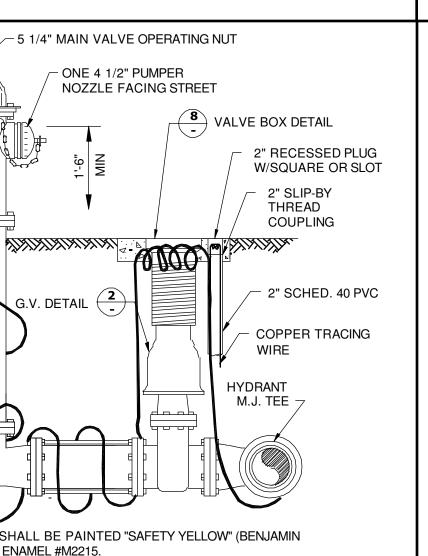
- 1. ENGRAVED LABEL W/ 1/4" LETTERS, WHITE ON BLACK, MOUNTED W/ 2 ALUM RIVETS ON INSIDE BACK PANEL ABOVE ARV WITH WORDS "POTABLE WATER"
- 2. S.S. = STAINLESS STEEL

ABOVE GROUND AUTOMATIC COMBINATION AIR RELEASE VALVE (CAV)

SCALE: NONE







- POTABLE WATER FIRE HYDRANTS SHALL BE PAINTED "SAFETY YELLOW" (BENJAMIN MOORE- URETHANE ALKYD GLOSS ENAMEL #M2215.
- REUSE FIRE HYDRANTS SHALL BE PAINTED PANTONE PURPLE 522C
- HYDRANT SHALL BE MUELLER SUPER CENTURIAN MODEL A423, AMERICAN B84BV OR CLOW
- 4.) RESTRAINED JOINTS SHALL BE USED BETWEEN TEE AND HYDRANT.
- 5.) BAG HYDRANT UNTIL MAINS PASS.
- 6.) ALL WEEP HOLES SHALL BE PLUGGED.
- 7.) PER FLORIDA ADMINISTRATIVE CODE 62-555.314 (4) HYDRANT LOCATED AT LEAST 3' OR MORE FROM ANY STORM WATER PIPE OR DITCH. AT LEAST 6' OR MORE FROM ANY SANITARY
- COPPERHEAD TRACING WIRE PART #1230HS #12 AWG SHALL BE USED. (BLUE = WATER, PURPLE = REUSE)
- 10.) FIRE HYDRANT ASSEMBLY SHALL BE BEDDED IN 8" OF #57 STONE OR EQUIVALENT.
 - FIRE HYDRANT ASSEMBLY

(BLUE = WATER, GREEN = SEWER, PURPLE = REUSE)

5.) PRE-CAST PADS MAY BE USED WITH CITY APPROVAL

VALVE BOX (AMERICAN FLOW CONTROL).

VALVE BOX DETAIL WSR-1/ SCALE: NONE

AC PIPE TIE-IN DETAIL

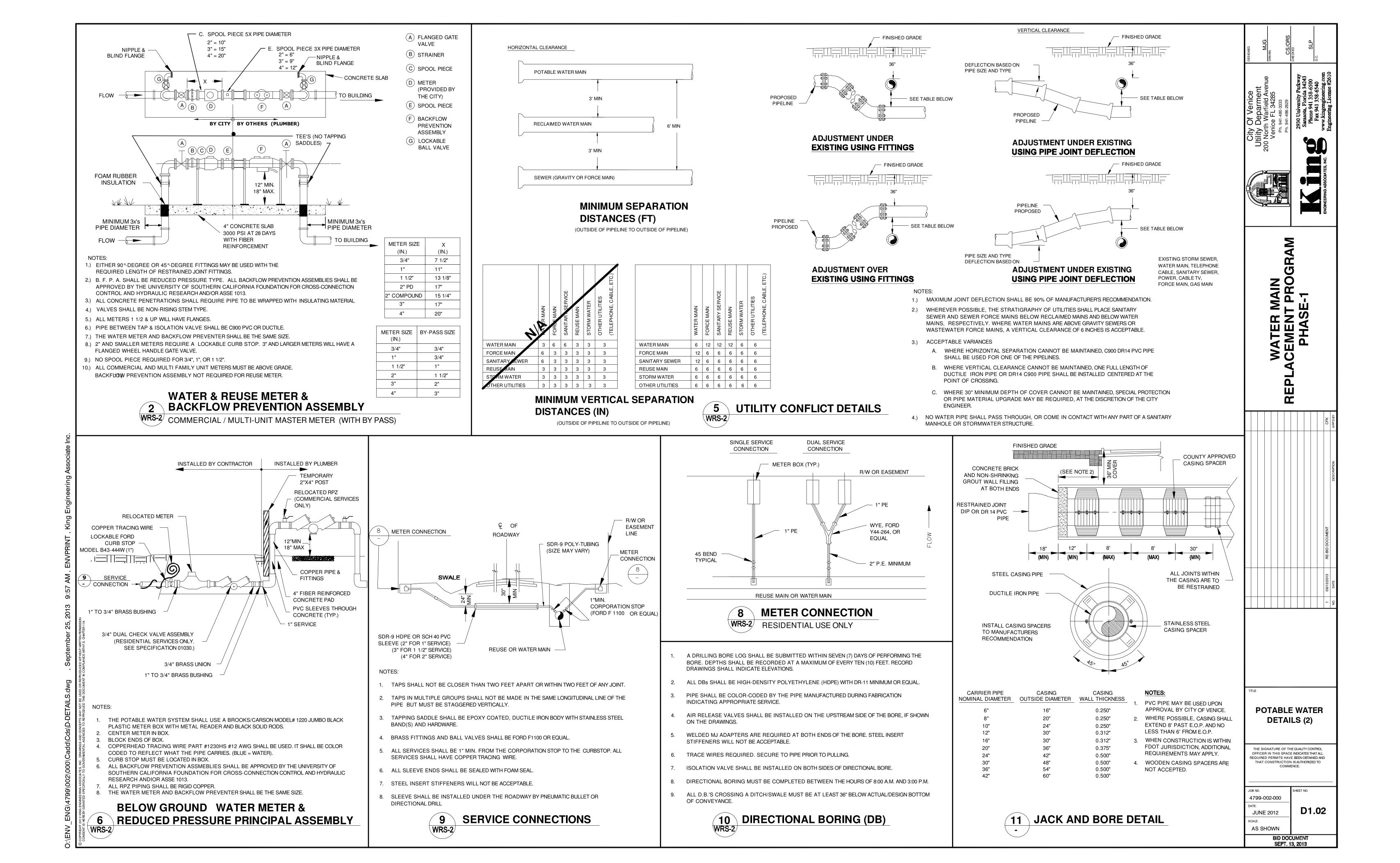
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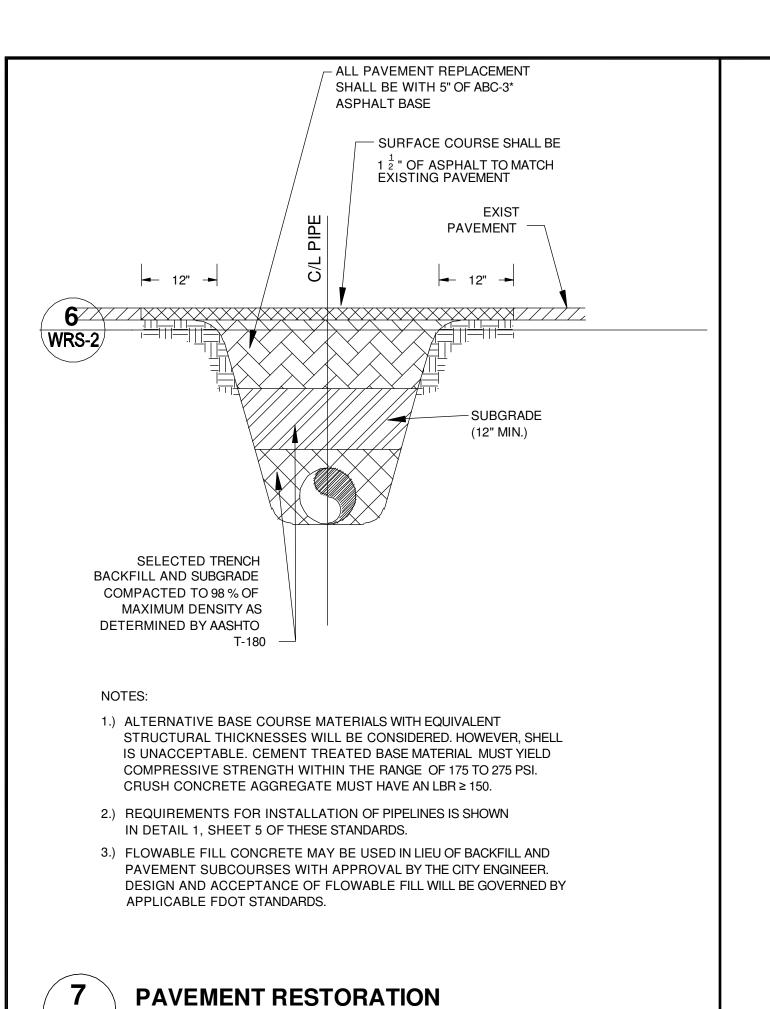
D1.01 JUNE 2012 AS SHOWN **BID DOCUMENT** SEPT. 13, 2013

GR.

MAIN IT PRO

RE





FOR UTILITY TRENCHES

6"CONC.

DRIVE

6"CONC.

COMMERCIAL/ INDUSTRIAL/ MULTI-FAMILY

DRIVEWAY

LENGTH

VARIES

PLAN VIEW

SECTION A-A

SIDEWALK

EXPANSION

JOINTS (TYP.)

MATCH EXISTING

12" STABILIZED SUBGRADE

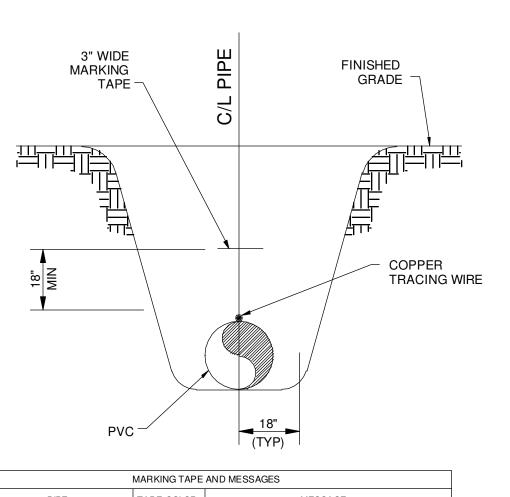
LBR 40 COMPACTED TO 98%

MAX. DENSITY AS PER AASHTO

CONSTRUCT

DEPRESSED

CURB & GUTTER

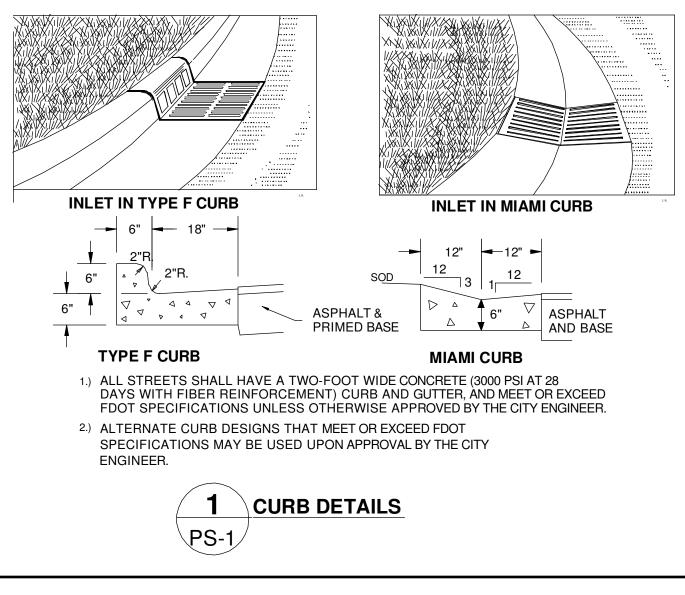


MARKING TAPE AND MESSAGES				
PIPE	TAPE COLOR	MESSAGE		
PVC STORM WATER	WHITE	CAUTION STORM WATER OR STORM DRAIN BELOW		
POTABLE WATER MAIN	BLUE	CAUTION POTABLE WATER MAIN BELOW		
REUSE WATER MAIN	PURPLE	CAUTION REUSE WATER MAIN BELOW		
SEWER FORCEMAIN	GREEN	CAUTION SEWER FORCE MAIN BELOW		
SEWER & SERVICE LATERALS	GREEN	CAUTION SEWER MAIN BELOW		

1.) COPPERHEAD TRACING WIRE PART #1230HS #12 AWG SHALL BE ATTACHED TO TOP OF PIPE AT 20' INTERVALS ON ALL RECLAIMED WATER, FORCE, OR POTABLE WATER MAINS. IT SHALL BE COLOR CODED TO REFLECT WHAT THE PIPE CARRIES. (BLUE = WATER, GREEN = SEWER, PURPLE = REUSE)

- 2.) MINIMUM COVER SHALL BE 30" FROM TOP OF PIPE TO FINISHED GRADE MAXIMUM COVER SHALL BE 42" FROM FINISHED GRADE UNLESS
- OTHERWISE APPROVED. 3.) INSTALLATION OF PIPE SHALL BE IN CONFORMANCE WITH
- MANUFACTURER'S RECOMMENDATIONS. 4.) PAVEMENT RESTORATION SHALL CONFORM WITH DETAIL 7, SHEET 3 OF THESE CITY STANDARDS.
- 5.) CONFLICTS UTILIZE 45° BENDS WITH SEPARATION AS PER DETAIL 5, SHEET 6.
- 6.) ALL UTILITIES (PUBLIC & PRIVATE) THAT CROSS A DITCH/SWALE SHALL BE 36" MIN. BELOW THE ACTUAL/DESIGN BOTTOM OF CONVEYANCE.





ALTERNATE PAVEMENT FOR PARKING LOTS ONLY:

PAVEMENT STANDARDS

A.) PUBLIC AMD PRIVATE ROADWAYS

REINFORCEMENT.

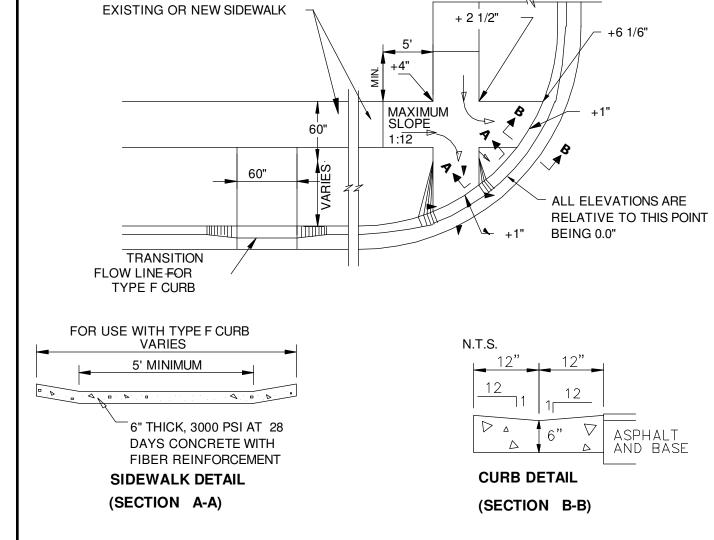
ABC3 - ASPHALT BASE ———

SUBGRADE - TYPE B STABILIZED LBR 40 MIN.

ASPHALTIC CONCRETE _____

SUBGRADE - 12" TYPE B STABILIZED LBR 40 MIN.

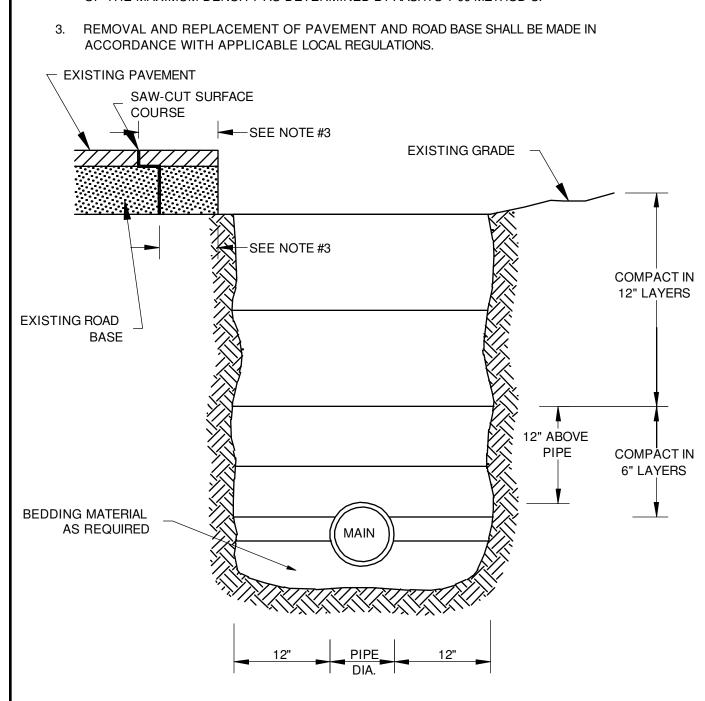
PAVEMENT - 6" CONCRETE 3000PSI @28 DAYS WITH MAX. 4" SLUMP & FIBER



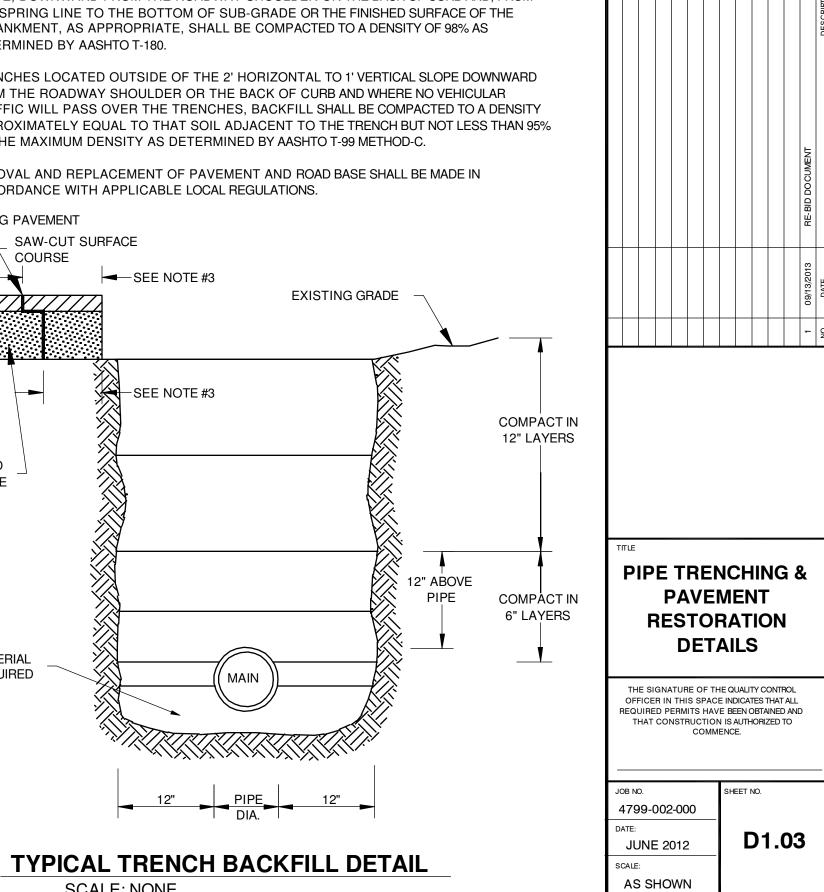
- 1.) ALL CONCRETE RAMPS SHALL BE 4" THICK, INCREASING TO 6" THICK AT THE CURB FROM A DISTANCE OF 48"
- 2.) ALL CONNECTIONS TO AN EXISTING SIDEWALK SHALL BE AT AN EXPANSION OR CONTRACTION JOINT
- 3.) WHERE PEDESTRIAN MOVEMENT CROSSES RAMP, THE MAXIMUM SLOPE SHALL BE 1:12
- 4.) ALL RAMPS AND WALKS WITHIN THREE FEET OF A FREQUENTLY USED DRIVE (GREATER THAN DUPLEX) SHALL HAVE A TACTILE SURFACE. RAMPS ARE DEFINED AS WALKS WITH A SLOPE GREATER THAN 1:12 AND/OR ADJACENT TO CURBS.
- 5.) TACTILE SURFACE SHALL BE CAST-IN-PLACE COMPOSITE TACTILE (BRICK RED) (ADA SOLUTIONS OR APPROVED EQUALS), OR CAST-IN-PLACE ULTRA-ADA PADS (BRICK RED) (ULTRA TECH OR APPROVED EQUALS).
- 6.) ALL MATERIALS & METHODS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH LATEST EDITION OF THE FDOT, "STANDARDS FOR ROAD & BRIDGE CONSTRUCTION". IN ADDITION, CONCRETE SHALL BE 3000 PSI AT 28 DAYS WITH A MAXIMUM 4" SLUMP AND FIBER REINFORCEMENT.



- TRENCHED LOCATED UNDER PAVEMENT OR INSIDE THE 2' HORIZONTAL TO 1' VERTICAL SLOPE, DOWNWARD FROM THE ROADWAY SHOULDER OR THE BACK OF CURB AND, FROM THE SPRING LINE TO THE BOTTOM OF SUB-GRADE OR THE FINISHED SURFACE OF THE EMBANKMENT, AS APPROPRIATE, SHALL BE COMPACTED TO A DENSITY OF 98% AS DETERMINED BY AASHTO T-180.
- TRENCHES LOCATED OUTSIDE OF THE 2' HORIZONTAL TO 1' VERTICAL SLOPE DOWNWARD FROM THE ROADWAY SHOULDER OR THE BACK OF CURB AND WHERE NO VEHICULAR TRAFFIC WILL PASS OVER THE TRENCHES, BACKFILL SHALL BE COMPACTED TO A DENSITY APPROXIMATELY EQUAL TO THAT SOIL ADJACENT TO THE TRENCH BUT NOT LESS THAN 95% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99 METHOD-C.

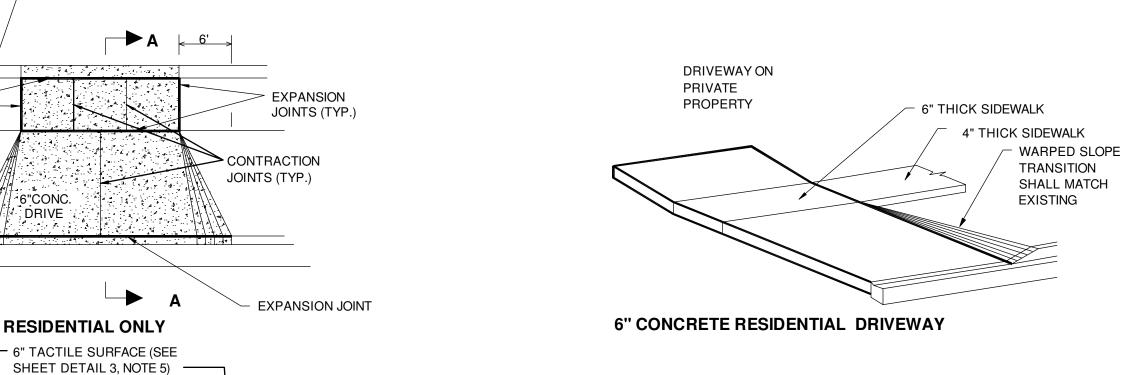


SCALE: NONE



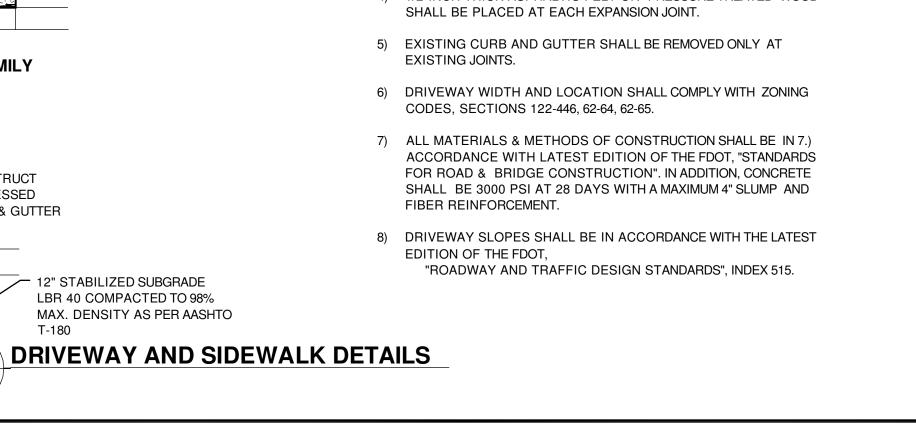
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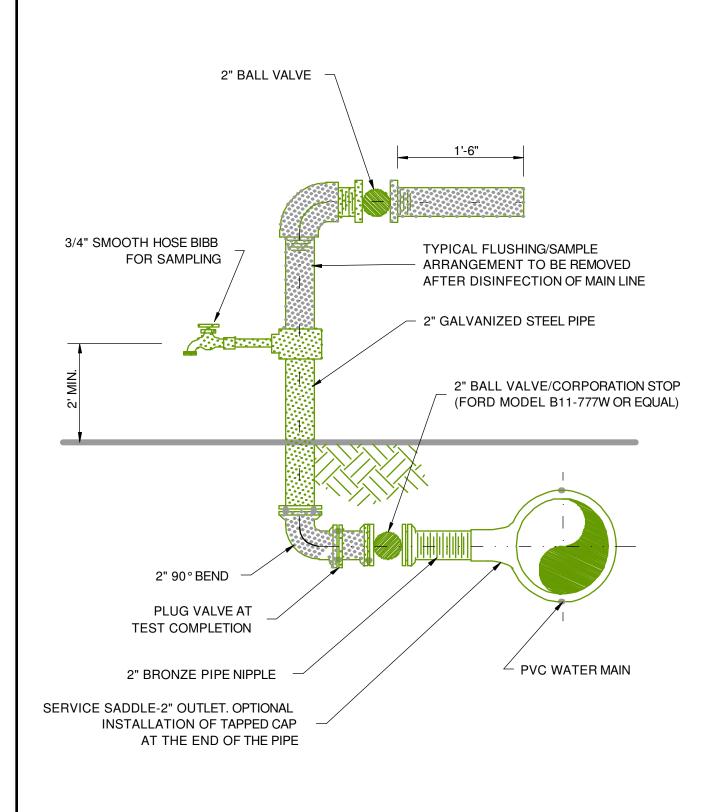
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1) SIDEWALKS SHALL BE CONSTRUCTED OF 3000 PSI AT 28 DAYS CONCRETE (MAXIMUM 4" SLUMP) WITH FIBER REINFORCEMENT.

- 2) ALL SIDEWALKS WIDTHS AND SLOPES SHALL MATCH EXISTING.
- 3) CONTRACTION SAW-CUTS SHALL BE CONSTRUCTED EVERY 5' LENGTH OF SIDEWALK. EXPANSION JOINTS SHALL BE CONSTRUCTED AT 50' INTERVALS.
- 4) 1/2-INCH THICK ASPHALTIC FELT OR "PRESSURE TREATED WOOD"





TEMPORARY 2" BLOW-OFF / SAMPLE POINT ASSEMBLY SCALE: NONE

S-1

RIGHT-OF-WAY LINE OR CONSTRUCTION JOINT

(WHICH EVER IS CLOSER TO TRENCH)

JOINTS (TYP.)

PROPERTY LINE

EXPANSION

CONTRACTION

JOINTS (TYP.)

DISTURBED

JOINT

AREAS

EXPANSION

JOINTS (TYP.)

MATCH EXISTING

EXPANSION

JOINT (TYP.)

SOD ANY

AREAS

DISTURBED

- 1. ALL WORK ZONE TRAFFIC CONTROL (WZTC) DEVICES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL BE PROPERLY MAINTAINED AND OPERATED THROUGHOUT THE PERIOD OF EACH PHASE / STAGE OF CONSTRUCTION. ALL TEMPORARY SIGNS, PAVEMENT MARKINGS, WARNING DEVICES, WARNING LIGHTS, ETC. NECESSARY FOR THE WZTC SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION) AND THE FDOT DESIGN STANDARDS (2010).
- 2. THE FOLLOWING EXISTING POSTED SPEED LIMITS TO BE MAINTAINED ON THE COLLECTOR ROADS.

HARBOR DR S — 30 MPH NASSAU ST. S — 25 MPH

- 3. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING PEDESTRIAN OR BICYCLIST TRAFFIC AT ALL TIMES DURING THE CONSTRUCTION PROCESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT A SAFE AND UNOBSTRUCTED ACCESSIBLE PATH EXISTS FOR PEDESTRIANS OR BICYCLISTS WHEN AN EXISTING ACCESSIBLE PATH IS LOCATED WITHIN THE WZTC PROJECT LIMITS, REFER TO FDOT STANDARD INDEX 660.
- 4. EXISTING SIGNS SHALL BE MAINTAINED AT ALL TIMES. DURABLE OPAQUE SHEET OVERLAY PANELS SHALL BE USED TO COVER INAPPROPRIATE INFORMATION ON NEW OR EXISTING SIGNS WHERE REQUIRED BY THE ENGINEER. THE PANEL SHALL BE PLACED IN A MANNER THAT DOES NOT DAMAGE THE EXISTING SIGN. NO FABRIC OR PLASTIC FILM WILL BE ALLOWED.
- 5. ALL REFLECTIVE PAVEMENT MARKINGS, EXISTING AND TEMPORARY, SHALL BE MAINTAINED DURING CONSTRUCTION UNLESS NOTED OTHERWISE.
- 6. MAXIMUM SPACING BETWEEN BARRICADES WITHIN TAPERS SHALL BE 20 FEET, UNLESS OTHERWISE NOTED ON PLANS. MAXIMUM SPACING BETWEEN BARRICADES SHALL BE 50 FEET OUTSIDE TRANSITIONS, UNLESS OTHERWISE NOTED ON PLANS.
- 7. FOR DROP-OFFS IN WORK ZONES THE CONTRACTOR IS DIRECTED TO THE REQUIREMENTS OF FDOT STANDARD INDEX NO. 600. THE CONTRACTOR SHALL ONLY EXCAVATE OR MILL AN AREA THAT CAN BE BROUGHT BACK WITHIN THE DROP-OFF CRITERIA OF FDOT STANDARD INDEX NO. 600 WITHIN THE SAME DAY / NIGHT OPERATION. (FOR CLEAR ZONE WIDTHS FOR WORK ZONES, SEE FDOT INDEX NO. 600). ALL TRENCHES SHALL BE BACKFILLED COMPLETELY TO PROVIDE SAFE CROSSING BY THE END OF EACH WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE.
- 8. THE CONTRACTOR SHALL MAINTAIN PROPER DRAINAGE FOR ALL PHASES OF CONSTRUCTION. ADDITIONAL DETAILS AND STRUCTURES NOT SHOWN IN THE WZTC PLANS MAY BE NECESSARY DEPENDING UPON CONTRACTOR METHODS OF CONSTRUCTION.
- 9. ALL SIGNS, WITH THE EXCEPTION OF FLAGGING, SHALL BE POST MOUNTED.
- 10. CONTRACTOR SHALL NOTIFY THE CITY TRAFFFIC ENGINEERING DIVISION A MINIMUM OF 5 WORKING DAYS PRIOR TO IMPLEMENTATION OF THE MOT.
- 11. THE CONTRACTOR SHALL PROVIDE THE CITY WITH THE NAME OF THE PERSON ON THE CONTRACTOR'S STAFF DESIGNATED TO BE RESPONSIBLE FOR THE IMPLEMENTATION OF ALL PHASES OF MOT PRIOR TO THE BEGINNING OF CONSTRUCTION.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING FORMAL MOT INSPECTIONS AND SHALL IMMEDIATELY REPLACE ALL EQUIPMENT AND DEVICES NOT CONFORMING TO FDOT AND CITY STANDARDS. THESE INSPECTIONS SHALL TAKE PLACE AT LEAST ONCE A WEEK. SOME OF THESE INSPECTIONS SHALL BE CONDUCTED AT NIGHT. THE CITY SHALL BE ADVISED OF THE SCHEDULE OF THE INSPECTIONS AND BE GIVEN THE OPPORTUNITY TO JOIN IN THE INSPECTION.
- 13. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER EMERGENCY CONDITIONS MAY REQUIRE THE CITY INSPECTOR TO MODIFY ANY CHANNELIZATION SHOWN IN THESE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS. AS DIRECTED BY THE CITY INSPECTOR, WITHOUT DELAY.
- 14. WARNING LIGHTS SHALL BE USED TO MARK BARRICADES AT NIGHT AS NEEDED.
- 15. THE CONTRACTOR SHALL RETURN THE GROUND TO ITS ORIGINAL CONDITION OR PROPOSED FINAL GRADE, WHEN REMOVING ANY TEMPORARY PAVEMENT.
- 16. DUST CONTROL MEASURES SHALL BE IMPLEMENTED ON ALL UNPAVED SURFACES UNTIL PAVED.
- 17. ANY EXISTING STREET AND ROAD NAME SIGNS THAT ARE IMPACTED BY CONSTRUCTION ARE TO BE TEMPORARILY RELOCATED AND KEPT VISIBLE AT ALL TIMES FOR THE FACILITATION OF ACCESS BY EMERGENCY VEHICLE TRAFFIC.
- 18. CONTRACTOR MUST MAINTAIN EXISTING SIGNING DURING ALL CONSTRUCTION. IF SIGNS ARE DAMAGED DUE TO HIS ACTIVITY, THE CONTRACTOR IS REQUIRED TO REPLACE THEM PROMPTLY IN ACCORDANCE WITH CURRENT CITY OR FDOT STANDARD SPECIFICATIONS AT NO ADDITIONAL COST TO THE CITY.
- 19. PROJECT WORK HOURS ARE BETWEEN 7:00 A.M. AND 7:00 P.M. UNLESS NOTED OTHERWISE.
- 20. ALL ROAD CLOSED SIGNS SHALL BE MOUNTED ON TYPE III BARRICADES.

WORK ZONE PHASING NOTES:

- 1. REFER TO FDOT INDEX 602 WHEN WORKING OUTSIDE OF THE ROADWAY BUT WITHIN 15' OF TRAVEL LANE.
- 2. SEE SHEETS TC2.01 TO TC2.02 FOR DESIGNATION OF WORK AREAS.
- 3. INSTALL TRAFFIC CONTROL DEVICES.
- 4. MAINTAIN TRAVEL LANES FOR DETOUR ROUTES ON ADJACENT LOCAL ROADS.
- 5. CONSTRUCT IMPROVEMENTS.
- 6. RECONSTRUCT ALL DISTURBED AREAS FOR WORK ZONES REQUIRING CLOSURES/DETOURS PRIOR TO PROCEEDING TO ANY OTHER AREA REQUIRES A LANE CLOSURE.

HARBOR DR. S. WORK ZONE TRAFFIC CONTROL PHASING NOTES

- 1. SEE SHEET TC2.02 FOR DESIGNATION OF THE WORK AREA.
- 2. INSTALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH FDOT INDICES 600 AND 602. PROTECT PEDESTRIANS FROM INTRUSION INTO THE WORK ZONE AND REROUTE PEDESTRIAN AND BICYCLE TRAFFIC PER INDEX 660 WHERE APPLICABLE.
- 3. SHIELD ANY DROP-OFF PER INDEX 600.
- 4. CONSTRUCT IMPROVEMENTS.
- 5. RECONSTRUCT ALL DISTURBED AREAS.

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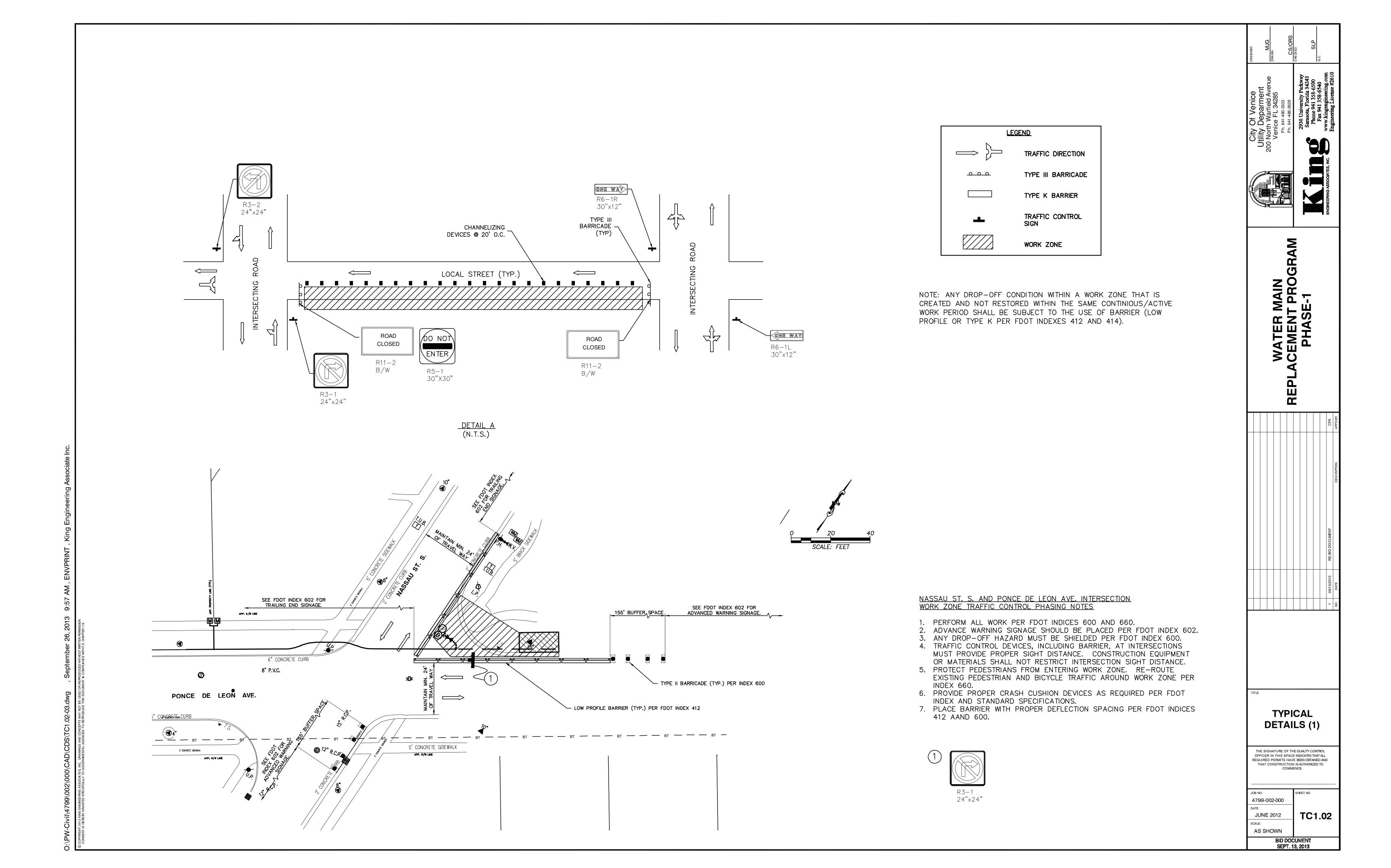
WATER MAIN
REPLACEMENT PROGR.
PHASE-1

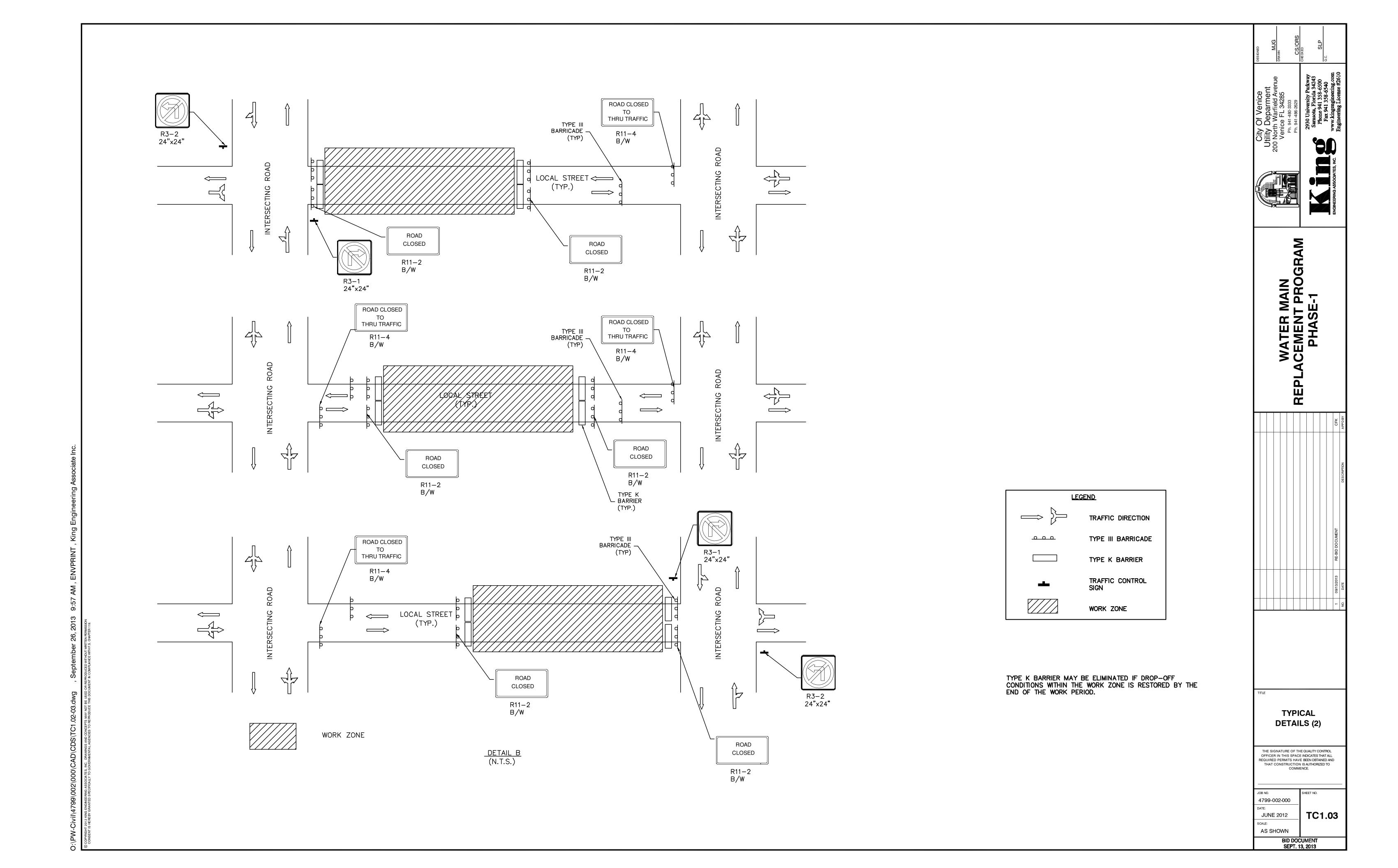
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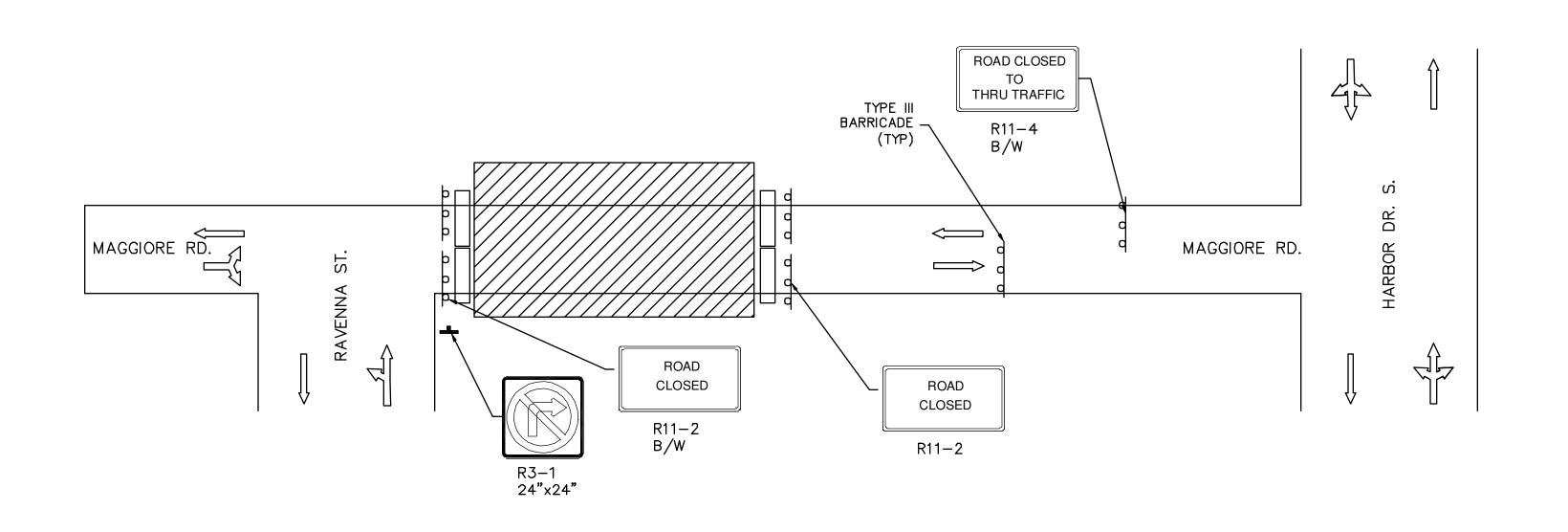
GENERAL NOTES

THE SIGNATURE OF THE QUALITY CONTROL OFFICER IN THIS SPACE INDICATES THAT ALL REQUIRED PERMITS HAVE BEEN OBTAINED AND THAT CONSTRUCTION IS AUTHORIZED TO COMMENCE.

JOB NO.	SHEET NO.		
4799-002-000			
DATE:			
JUNE 2012	TC1.01		
SCALE:			
AS SHOWN			
BID DOCUMENT			
SEPT. 13, 2013			







<u>LEGEND</u> TRAFFIC DIRECTION TYPE III BARRICADE TYPE K BARRIER TRAFFIC CONTROL SIGN WORK ZONE

TYPE K BARRIER MAY BE ELIMINATED IF DROP-OFF CONDITIONS WITHIN THE WORK ZONE IS RESTORED BY THE END OF THE WORK PERIOD.

WATER MAIN ACEMENT PROGRAM PHASE-1 REPL/ **TYPICAL** DETAILS (3) THE SIGNATURE OF THE QUALITY CONTROL OFFICER IN THIS SPACE INDICATES THAT ALL REQUIRED PERMITS HAVE BEEN OBTAINED AND THAT CONSTRUCTION IS AUTHORIZED TO COMMENCE. 4799-002-000 TC1.04 JUNE 2012 **AS SHOWN**

DETAIL C (N.T.S.)

BID DOCUMENT SEPT. 13, 2013

