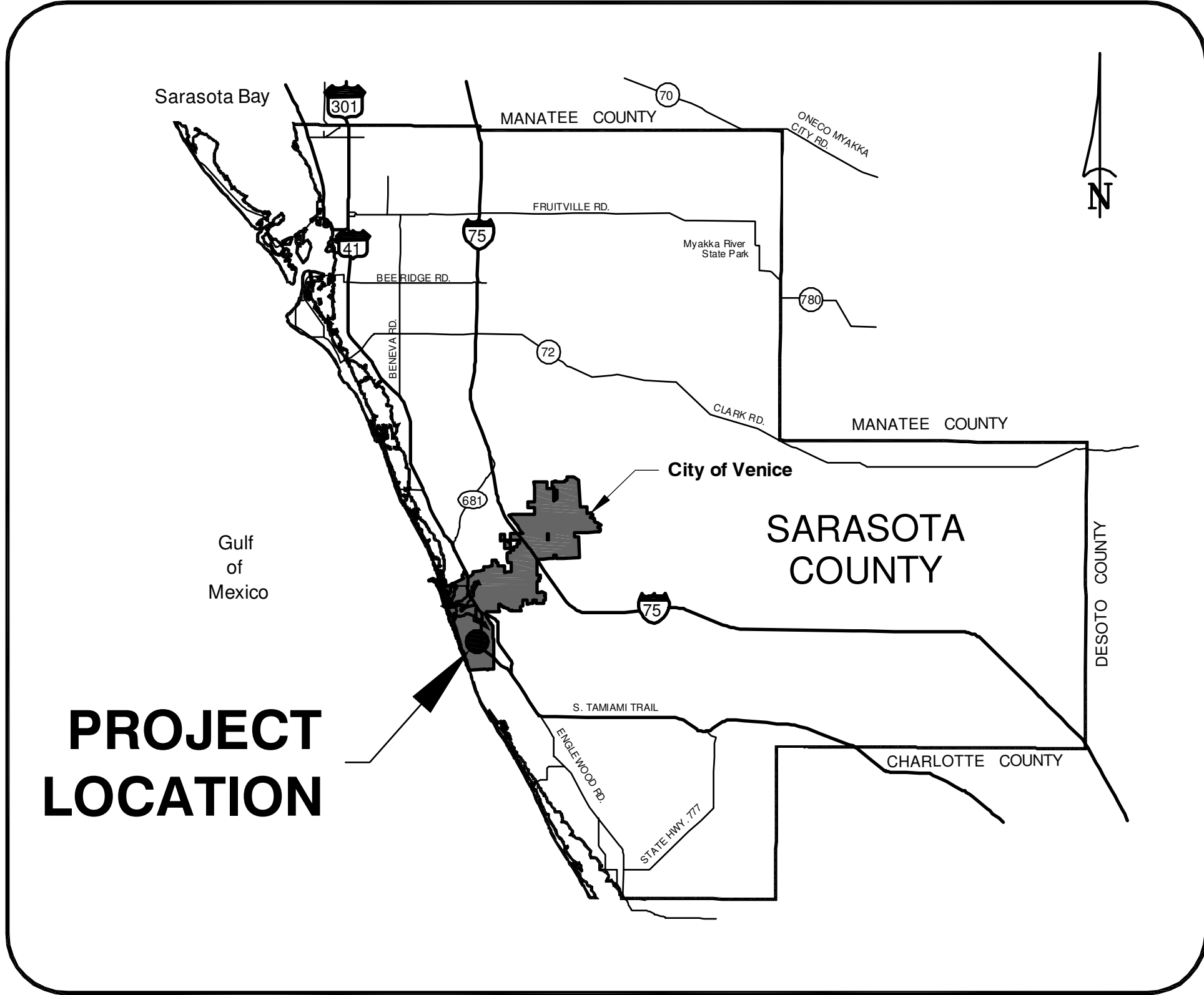
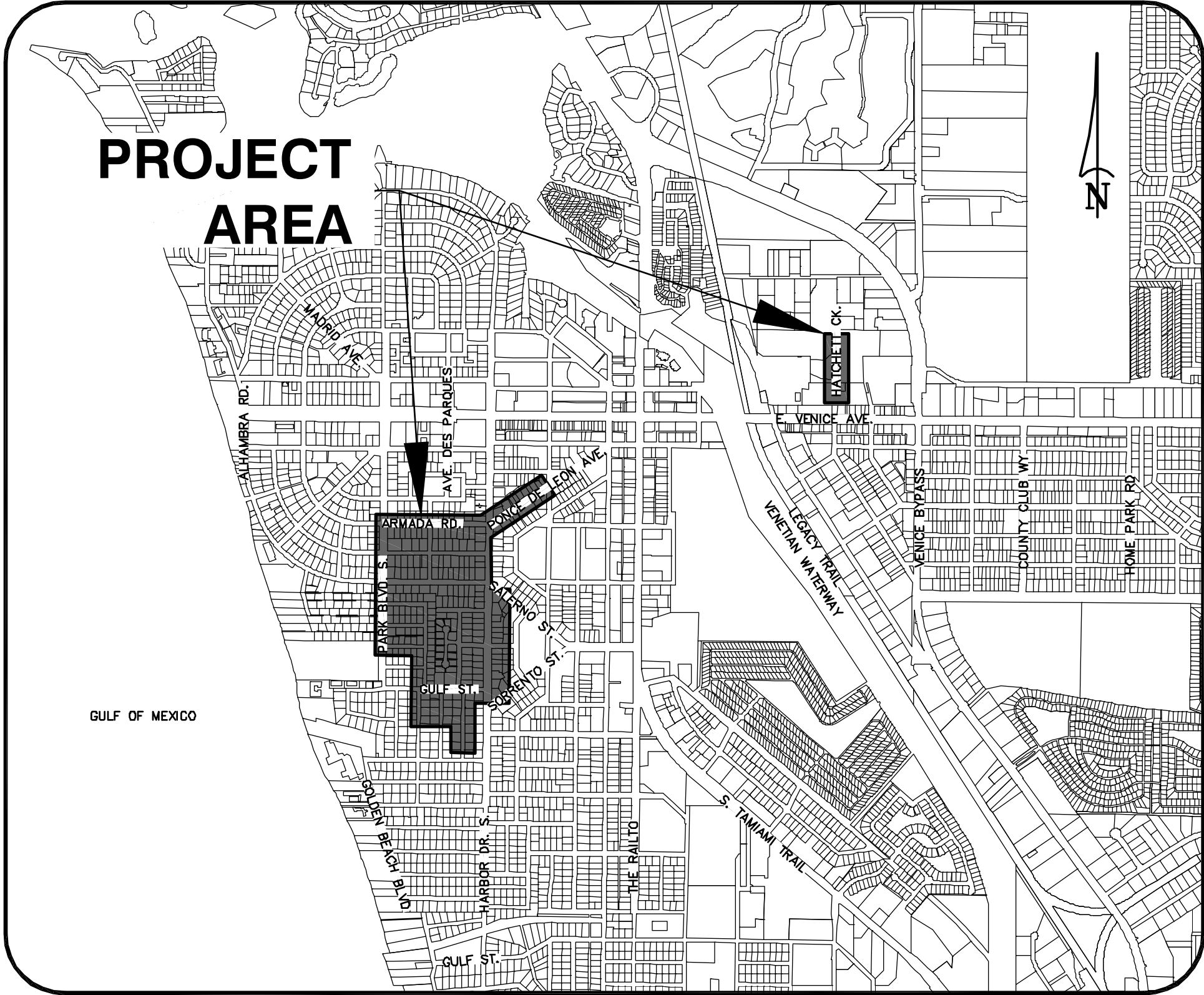


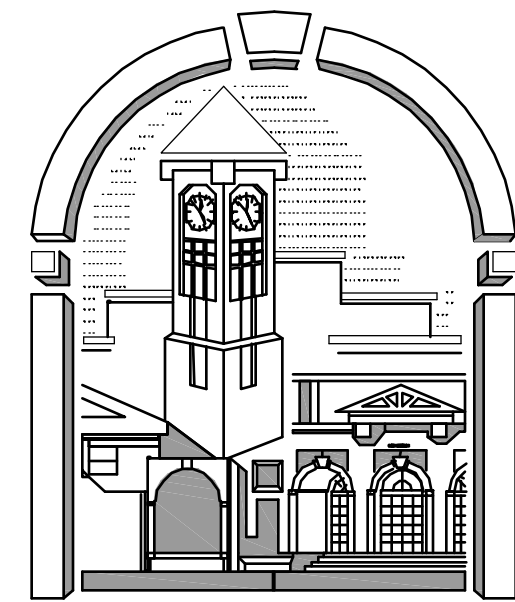
WATER MAIN
REPLACEMENT PROGRAM
PHASE 1
VENICE, FLORIDA



SARASOTA COUNTY VICINITY MAP



LOCATION MAP



Ph. 941-480-3333
Fax 941-486-2629

CITY OF VENICE
UTILITIES DEPARTMENT
200 NORTH WARFIELD AVENUE
VENICE, FL 34285

INDEX OF PLANS

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G1.02	STORM WATER POLLUTION PREVENTION PLAN
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CHRISTOPHER F. KUZLER , P.E.
ENGINEER OF RECORD, P.E. #45532

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NO.	DATE	DESCRIPTION	APPD BY	DATE JUNE 2012

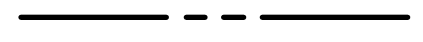
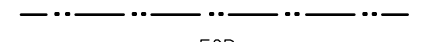
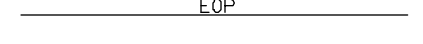
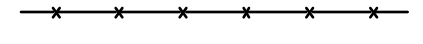
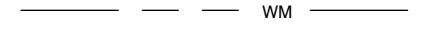
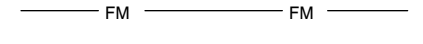
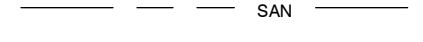
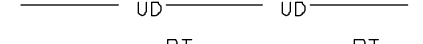
ABBREVIATIONS

AC	ASBESTOS CEMENT	MECH	MECHANICAL
APP	APPARENT	MJ	MECHANICAL JOINT
APPROX	APPROXIMATE	MIN	MINIMUM
ASPH	ASPHALT	MOD	MODIFIED
ASSY	ASSEMBLY	N	NORTH OR NORTHING
AVE	AVENUE	NIC	NOT IN CONTRACT
B OR BL	BASELINE	NTS	NOT TO SCALE
BAV	BALL VALVE	NO OR #	NUMBER
BE	BURIED ELECTRIC	O/S	OFFSET
BF	BLIND FLANGE	OD	OUTSIDE DIAMETER
BFD	BACK FLOW PREVENTOR DEVICE	O R BOOK	OFFICIAL RECORD BOOK
BFV	BUTTERFLY VALVE	PVMT	PAVEMENT
BLDG	BUILDING	PL	PLATE OR PLACE OR PROPERTY LINE
BLK	BLOCK	PNT OR PT	POINT
BLVD	BOULEVARD	PC	POINT OF CURVATURE
BM	BENCH MARK	PI	POINT OF INTERSECTION
BOC	BACK OF CURB	PSM	PROFESSIONAL SURVEYOR & MAPPER
BT	BURIED TELEPHONE	PVI	POINT OF VERTICAL INTERSECTION
(C)	CALCULATED	PT	POINT OF TANGENCY
CAT	CATALOG	PVC	POLYVINYL CHLORIDE
CB	CATCH BASIN	LB. OR #	POUND
CF	CUBIC FEET	PSI	POUNDS PER SQUARE INCH
CI	CAST IRON	PP	POWER POLE
CL2	CHLORINE	PROP	PROPOSED
CL OR C L	CENTER LINE	PS	PUMP STATION
CLR	CLEAR OR CLEARANCE	R	RADIUS
CM	CONCRETE MONUMENT	RWM	RAW WATER MAIN
CMP	CORRUGATED METAL PIPE	RCW	RECLAIMED WATER
CMU	CONCRETE MASONRY UNIT	RD	ROAD
CO	CLEANOUT	RP	RADIUS POINT
CONC	CONCRETE	RED	REDUCER
CONN	CONNECTION	REINF	REINFORCE(ING)
CONST	CONSTRUCTION	RCP	REINFORCED CONCRETE PIPE
CONT	CONTINUOUS	REQD	REQUIRED
CORP	CORPORATION	RT	RIGHT
CORR	CORRUGATED	R/W	RIGHT-OF-WAY
COV	CITY OF VENICE	SAN	SANITARY (SEWER)
CPLG	COUPLING	SCH	SCHEDULE
CV	CHECK VALVE	SHT	SHEET
CY	CUBIC YARDS	SIR	SET IRON ROD
DBL	DOUBLE	SIRC	SET IRON ROD AND CAP
DEPT	DEPARTMENT	SMH	SANITARY MAN HOLE
DET	DETAIL	S/W	SIDEWALK
DI	DUCTILE IRON	SPECS	SPECIFICATIONS
DIA	DIAMETER	SS	STAINLESS STEEL OR SHORT SIDE
DIM	DIMENSION	ST	STREET
DIP	DUCTILE IRON PIPE	STD	STANDARD
DWG	DRAWING	STA	STATION
E	EAST OR EASTING	STM	STORM
EA	EACH	SQ	SQUARE
ECC	ECCENTRIC	TEL	TELEPHONE
ELEC	ELECTRIC OR ELECTRICAL	TEMP	TEMPORARY
EL OR ELEV	ELEVATION	THD	THREADED
EOP	EDGE OF PAVEMENT	THK	THICK
EQUIP	EQUIPMENT	TOC	TOP OF CONCRETE
EX OR EXIST	EXISTING	TRV	SURVEY TRAVERSE POINT
EXP	EXPANSION	TS	TRAFFIC SIGN
FDOT	FLORIDA DEPT. OF TRANSPORTATION	TS&V	TAPPING SLEEVE AND VALVE
FHA	FIRE HYDRANT ASSEMBLY	TYP	TYPICAL
FIR	FOUND IRON ROD	UD	UNDERDRAIN
FIRC	FOUND IRON ROD WITH CAP	UC	UNDER GROUND
FLEX	FLEXIBLE	WSC	WATER SERVICE CONNECTION
FLG	FLANGE	WM	WATER MAIN
FLR	FLOOR		
FM	FORCE MAIN		
FND, FN&D	FOUND NAIL & DISK		
FOC	FIBER OPTIC CABLE		
FT	FEET		
FTG	FITTING OR FOOTING		
GA	GAUGE OR GAGE		
GAL	GALLON		
GALV	GALVANIZED		
GE	GRATE ELEVATION		
GPM	GALLONS PER MINUTE		
GRD	GRADE		
GS	GROUND SHOT		
GSP	GALVANIZED STEEL PIPE		
GV	GATE VALVE		
HDD	HORIZONTAL DIRECTIONAL DRILL		
HDPE	HIGH DENSITY POLYETHYLENE		
HDWL	HEADWALL		
HORIZ	HORIZONTAL		
HWY	HIGHWAY		
ID	INSIDE DIAMETER		
IN	INCH		
INV OR IE	INVERT (ELEVATION)		
IR	IRON ROD		
IV	IRRIGATION VALVE		
JT	JOINT		
LB#	LICENSED BUSINESS NUMBER		
LS	LONG SIDE		
MH	MANHOLE		
MFR	MANUFACTURER		
MAX	MAXIMUM		

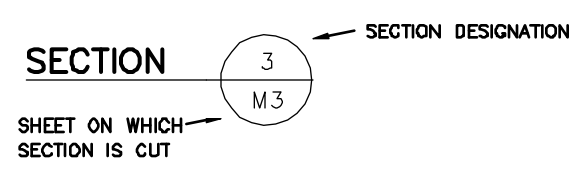
LEGEND

T.U.B. 	= TELEPHONE UTILITY BOX
F.H. 	= EXISTING FIRE HYDRANT
F.D.C. 	= FIRE DEPARTMENT CONNECTION
U.P. 	= UTILITY POLE
L.P. 	= LIGHT POLE
U.L.P. 	= UTILITY & LIGHT POLE
G.P. 	= GUY POLE
	= GUY WIRE
	= ELECTRIC TRANSFORMER
H.H. 	= ELECTRIC HAND-HOLE
U.G.G. 	= UNDERGROUND GAS LINE MARKER
T.S.B. 	= TRAFFIC SIGNAL UTILITY BOX
T.S.P. 	= TRAFFIC SIGNAL POLE
CONC. 	= CONCRETE
	= WATER SERVICE CONNECTION
	= GRATE INLET
	= STORM SEWER CLEAN OUT, PIPE & MANHOLE
F.I.R. 	= FOUND IRON ROD (SIZE AND IDENTIFICATION IF SHOWN)
F.I.R.C. 	= FOUND IRON ROD WITH CAP (SIZE AND IDENTIFICATION IF SHOWN)
F.N.&D. 	= FOUND NAIL & DISK (TYPE AND IDENTIFICATION IF SHOWN)
F.I.P. 	= FOUND IRON PIPE (SIZE AND IDENTIFICATION IF SHOWN)
S.I.R. 	= SET 1/2" IRON ROD & CAP L.B.#2610

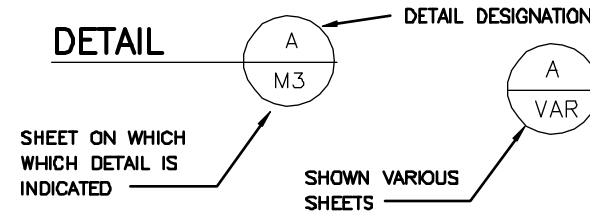
	HA#	= HAND AUGER BORING
	G#	= SPT BORING

	= RIGHT OF WAY LINE
	= PROPERTY LINE
	= JURISDICTIONAL LINE
	= EDGE OF PAVEMENT
	= CHAIN-LINK FENCE
	= EXISTING WATER MAIN
	= EXISTING FORCE MAIN
	= EXISTING SANITARY SEWER
	= EXISTING STORM SEWER
	= EXISTING UNDERDRAIN
	= EXISTING BURIED TELEPHONE
	= EXISTING BURIED FIBER OPTIC CABLE
	= EXISTING BURIED ELECTRIC
	= EXISTING BURIED CABLE TV
	= EXISTING GAS MAIN
	= EXISTING OVERHEAD UTILITY LINE
	= PROPOSED WATER MAIN

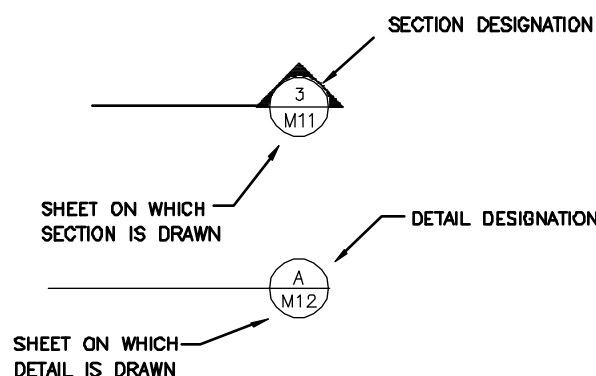
	= PROPOSED FHA
MB 	= EXISTING MAIL BOX
WM 	= PROPOSED WATER METER BOX
	= CHLORINATION POINT
	= SAMPLE POINT
	= TEMPORARY BLOW OFF



SECTION TITLE TARGET



DETAIL TITLE TARGET



SECTION & DETAIL TARGET

TREE LEGEND

	= 12" UNKNOWN TYPE TREE		= 12" PECAN TREE		= 12" BIRCH
	= 12" CHERRY LAUREL		= 12" EUCALYPTUS TREE		= 12" HICKORY
	= 12" WILLOW TREE		= 12" CAMPHOR TREE		
	= 12" HOLLY TREE		= 12" SYCAMORE TREE		
	= 12" DEAD TREE		= 12" PINE TREE		= TREE HAVING ONE TRUNK AT BREAST HEIGHT, 12" IN DIA.
	= 12" CHINESE TALLOW TREE		= 12" AUSTRALIAN PINE		= TREE HAVING MULTIPLE TRUNKS AT BREAST HEIGHT 12" AND 13" IN DIA.
	= 12" CHINABERRY TREE		= 12" CEDAR TREE		
	= 12" OAK TREE		= 12" ELM TREE		
	= 12" JACARANDA TREE		= 12" MAPLE TREE		
	= 12" MULBERRY TREE		= 12" WAX MYRTLE TREE		= REPRESENTS TREES TO BE REMOVED
	= 12" PALM TREE		= 12" PUNK TREE		= REPRESENTS TREES TO BE REMOVED
	= 12" BAY TREE		= 12" CYPRESS TREE		
	= 12" MAGNOLIA TREE		= 12" EAR TREE		
	= 12" CITRUS TREE		= 12" SWEET GUM TREE		

CITY OF VENICE STANDARD NOTES

- ALL CONSTRUCTION WITHIN THE CITY OF VENICE SHALL MEET THE APPLICABLE CITY TESTING REQUIREMENTS.
- A PRE-CONSTRUCTION CONFERENCE SHALL BE CONDUCTED BY EITHER THE PROJECT ENGINEER OF RECORD (EOR) OR CONSTRUCTION MANAGER AT A TIME AND PLACE ACCEPTABLE TO THE CITY ENGINEER, CITY OF VENICE, FOR THE PURPOSE OF OUTLINING CITY STANDARDS, TESTING AND INSPECTION REQUIREMENTS, AND CITY DEPARTMENT RESPONSIBILITIES, AND OTHER RELATED CONSTRUCTION CONCERNS.
- THE CITY OF VENICE UTILITIES DEPARTMENT WILL OPERATE ALL WATER VALVES.
- THE CONTRACTOR SHALL INSTALL, PRESSURE TEST AND PERFORM TAPPING AT ALL TAPPING SLEEVES AND VALVES.

WATER MAIN REPLACEMENT PROGRAM PHASE-1

NO.	DATE	RE-BID DOCUMENT	DESCRIPTION	APPROVE
1	09/13/2013			

ABBREVIATIONS, LEGENDS & CITY STANDARD 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. 4799-002-000	SHEET NO. G1.00
DATE: JUNE 2012	
SCALE: AS SHOWN	

BID DOCUMENT
SEPT. 13, 2013

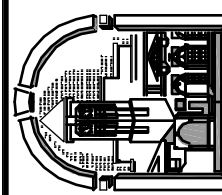
DESIGNED
MUG

DRAWN
DRAWA

CHECKED
CS/OPS

IN CHARGE
SLP

City Of Venice
Utility Department
200 North Warfield Avenue
Venice FL 34285
PH 941-489-2933
PH 941-486-2629



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1. PROPERTY CORNERS VISIBLE ABOVE GROUND AT THE TIME OF SURVEY WERE LOCATED TO FACILITATE THE ALIGNMENT OF THE SARASOTA COUNTY PROPERTY APPRAISER GEOGRAPHIC INFORMATION SYSTEM (GIS) TO THE FOUND MONUMENTS. PROPERTY AND RIGHT-OF-WAY LINES SHOWN HEREON ARE FOR INFORMATIONAL PURPOSES ONLY.
2. BEARINGS AND COORDINATES CONTAINED WITHIN THIS ELECTRONIC DRAWING FILE/SURVEY ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, APPLICABLE ZONE, NAD 83 (2007 ADJUSTMENT) AND ARE DERIVED BY MULTIPLE REAL-TIME KINEMATIC GPS OBSERVATIONS.
3. ELEVATIONS SHOWN HEREON ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AND ARE BASED UPON REAL-TIME KINEMATIC GPS OBSERVATIONS.

- THE INFORMATION PROVIDED IN THESE PLANS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF CONDITIONS WHICH WILL BE ENCOUNTERED DURING THE COURSE OF THE WORK. THE CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
- THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A FLORIDA REGISTERED SURVEYOR AND MAPPER TO ESTABLISH THE PROPOSED PIPELINE, PROPERTY LINES, RIGHT-OF-WAY LINES, EASEMENTS, BASELINES, BENCH MARKS (ELEVATION), CENTER LINES AND STATIONING AS REQUIRED TO CONSTRUCT THIS PROJECT.
- LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, OTHER FEATURES AND PROPOSED FUTURE WORK ARE SHOWN BASED ON THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THERE MAY BE OTHER IMPROVEMENTS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXACT LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES (WHETHER OR NOT SHOWN ON THESE PLANS) AFFECTING HIS WORK. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR RE-WORK RESULTING FROM FAILURE TO COMPLY WITH THESE INSTRUCTIONS.
- THE CONTRACTOR SHALL PROVIDE AT LEAST FORTY EIGHT (48) HOURS NOTICE TO ALL EXISTING UTILITY COMPANIES IN ORDER TO ALLOW FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES IN ADVANCE OF CONSTRUCTION. THE CONTRACTOR SHALL CONTACT "SUNSHINE STATE ONE CALL" 48 HOURS PRIOR TO OPERATIONS AT 1-800-432-4770.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY TO REPORT ANY CONFLICTS BETWEEN WHAT IS SHOWN HEREIN AND ACTUAL CONDITIONS DISCOVERED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO RESOLVE CONFLICTS THAT MAY ARISE IN THE FIELD DURING CONSTRUCTION.
- THE CONTRACTOR SHALL COORDINATE WITH THE POWER COMPANY AND OTHER UTILITIES TO OBTAIN SUPPORT FOR UTILITY POLES WHERE CONSTRUCTION MAY CAUSE THE POLE TO LOSE ITS SUPPORT.
- FIELD CONDITIONS MAY NECESSITATE ALIGNMENT AND GRADE DEVIATION OF THE PROPOSED UTILITIES TO AVOID OBSTACLES, AS APPROVED BY THE ENGINEER OR THE OWNER'S REPRESENTATIVE.
- EXISTING UTILITY SERVICE LATERALS ARE NOT SHOWN ON THE DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD LOCATE ALL SERVICE LATERALS PRIOR TO CONSTRUCTION. UTILITY SERVICES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. EXCEPT FOR MINOR SHUT-DOWNS AS AUTHORIZED BY THE CITY.
- THE CONTRACTOR, WORKING WITH THE ENGINEER AND THE OWNER, SHALL COORDINATE THE SHUTDOWN, STARTUP AND/OR PARTIAL INTERFERENCE WITH ONGOING SYSTEM OPERATIONS. INSTALLATION AND WORK ON THE EXISTING SYSTEMS ARE NOT TO BE MADE DURING TIMES OF PEAK FLOWS. WRITTEN REQUEST SHALL BE PROVIDED 48 HOURS PRIOR TO SHUTTING DOWN ANY WATER MAIN.
- CONSTRUCTION OF PORTIONS OF THE PROJECT, AUTHORIZED BY PERMIT OR LICENSE AGREEMENT, ARE SUBJECT TO INSPECTION AND TESTS AS MAY BE NECESSARY BY THE PERMIT GRANTING AUTHORITY. ALL CONTRACTOR SUPERVISORY PERSONNEL SHALL FURNISH INFORMATION TO AND COOPERATE WITH THESE AUTHORITIES IN CONDUCTING THEIR TESTING AND INSPECTION PROGRAM.
- WORK SHALL BE IN ACCORDANCE WITH THE LATEST APPLICABLE FEDERAL, STATE AND LOCAL AGENCY'S REGULATIONS AND STANDARDS.
- CONTRACTOR SHALL COMPLY WITH THE "TRENCH SAFETY ACT", CHAPTER 90-96, FLORIDA STATUTES.
- SIGNS & BARRICADES SHALL BE IN ACCORDANCE WITH LATEST F.D.O.T. MANUAL OF SAFE PRACTICES; REFERENCE F.D.O.T. INDEXES 600 THROUGH 670 AND 17349 PER ROADWAY AND TRAFFIC DESIGN STANDARDS LATEST EDITION.
- THE CONTRACTOR SHALL NOT ENTER UPON OR IN ANY WAY ALTER ANY WETLAND AREAS THAT MAY BE ENCOUNTERED. ALL WORK IN THE VICINITY OF OPEN WATER AND/OR WETLANDS IS TO BE PERFORMED IN COMPLIANCE WITH THE ENVIRONMENTAL REGULATIONS AND/OR PERMITS FOR THE PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY FINE RESULTING FROM HIS VIOLATION OF ANY REGULATIONS OR PERMIT CONDITIONS.
- SPECIAL PIPE FOUNDATIONS, IF REQUIRED, SHALL BE DETERMINED IN THE FIELD AND THE TYPE REQUIRED WILL BE AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE ALL REQUIRED SHEETING AND TRENCH SHORING REQUIRED TO PROTECT EXISTING UTILITIES AND OTHER FACILITIES INTENDED TO REMAIN IN SERVICE.
- ALL PROPOSED MAINS SHALL HAVE A MINIMUM COVER OF 36".
- WATER MAINS SHALL BE INSTALLED AT LEAST 6 FEET HORIZONTALLY FROM ANY EXISTING FORCE MAINS AND GRAVITY AND STORM SEWERS. THE DISTANCE SHALL BE MEASURED FACE TO FACE. VERTICAL SEPARATION BETWEEN WATER MAINS CROSSING OTHER PIPELINES/UTILITIES SHALL BE A MINIMUM VERTICAL DISTANCE OF 12 INCHES BETWEEN THE OUTSIDE OF THE OTHER PIPELINES/UTILITIES AND THE OUTSIDE OF THE WATER MAIN. WHERE THE MINIMUM REQUIRED VERTICAL SEPARATION CANNOT BE MAINTAINED, THE CROSSING SHALL BE ARRANGED SUCH THAT THE JOINTS OF THE PROPOSED MAIN ARE EQUIDISTANT FROM THE POINT OF CROSSING WITH NO LESS THAN 10 FEET BETWEEN ANY TWO JOINTS.
- ALL VALVES SHALL BE APPROPRIATELY TAGGED OR LABELED. ALL PIPING, PIPELINES, VALVES, AND OUTLETS SHALL BE COLOR-CODED BLUE, OR OTHERWISE MARKED. ALL VALVE BOX COVERS SHALL BE MARKED "WATER".
- JOINT RESTRAINT SHALL BE PROVIDED AT ALL FITTINGS UNLESS NOTED OTHERWISE ON PLANS. THE MINIMUM LINEAR FEET RESTRAINED ON BOTH SIDES OF FITTINGS OR VALVES FOR DUCTILE IRON PIPE SHALL BE AS SHOWN ON THE DETAILS PROVIDED IN THESE DRAWINGS.
- THE CONTRACTOR SHALL LOCATE ANY POTENTIAL UTILITY CONFLICTS AND PROVIDE FITTINGS AND RESTRAINTS AS NECESSARY AHEAD OF PIPE LAYING OPERATIONS.
- CONTRACTOR SHALL USE TRENCH BOXES, SHEETING AND OTHER MEANS TO LIMIT THE WIDTH OF THE TRENCH AND AVOID ENCRoACHMENT ONTO ADJACENT PROPERTY AND TO MINIMIZE WETLAND IMPACTS.
- CONTRACTOR SHALL PROVIDE A DECHLORINATION PLAN AND DESCRIPTION OF THE METHODS FOR DISPOSAL TO THE ENGINEER OF RECORD AND CITY OF VENICE FOR APPROVAL. AS A RESULT OF THE DECHLORINATION EFFORTS THERE SHALL BE "NO FISH KILL" PERMITTED WITH THE DISPOSAL.
- CONTRACTOR SHALL PROVIDE THE CITY OF VENICE WITH 24 HOUR NOTICE PRIOR TO COMMENCING WORK WITHIN THE CITY LIMITS AND 48 HOUR NOTICE PRIOR TO PERFORMING ANY WET TAP TO THE CITY'S WATER DISTRIBUTION SYSTEM.

26. ANY DIGGING AND/OR DISTURBANCE TO THE ROADSIDE SWALES WITHIN THE RIGHT-OF-WAY OF THE CITY OF VENICE SHALL BE PROPERLY GRADED, SODDED AND RESTORED. CONTACT THE CITY OF VENICE PUBLIC WORKS DEPARTMENT.

27. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING SARASOTA COUNTY & CITY OF VENICE AGENCIES A MINIMUM OF 2 WEEKS IN ADVANCE IN WRITING, OF ANY ROAD CLOSURES, DETOURS AND CONSTRUCTION ACTIVITIES PRIOR TO CONSTRUCTION. THE NOTICE SHALL BE ACCOMPANIED WITH A SCHEDULE OF ROAD CLOSURES AND ANTICIPATED INTERRUPTIONS IN TRAFFIC.

SCHOOL BOARD OF SARASOTA COUNTY ATTN: MICKI RYAN, PLANNING ANALYST LONG RANGE PLANNING DEPARTMENT BLUE AWNING BUILDING – ROOM 106 1960 LANDINGS BOULEVARD SARASOTA, FLORIDA 34231	CITY OF VENICE FIRE DEPARTMENT ATTN: JOE SILVA BATTALION CHIEF 200 GROVE STREET NORTH VENICE, FLORIDA 34285
PHONE: 941-927-9000 E-MAIL: MICKI_RYAN@SARASOTA.K12.FL.US	PHONE: 941-480-3030 E-MAIL: JSILVA@CI.VENICE.FL.US
UNITED STATE POST OFFICE CITY OF VENICE ATTN: PHILLIP FLEENER DELIVERY SUPERVISOR 350 W. VENICE AVE VENICE, FLORIDA 34285-0001	CITY OF VENICE SOLID WASTE ATTN: BOB MORONI ACTING SOLID WASTE SUPERINTENDENT 221 SEABOARD AVENUE VENICE, FLORIDA 34285
PHONE: 941-483-4195 E-MAIL: PHILLIP.E.FLEENER@USPS.GOV	PHONE: 941-486-2422 E-MAIL: BORONI@VENICEGOV.COM
CITY OF VENICE PUBLIC INFORMATION OFFICER ATTN: PAM JOHNSON VENICE CITY HALL 401 W. VENICE AVE VENICE, FLORIDA 34285	
PHONE: 941-486-2626 EXT. 24005 E-MAIL: PJOHNSON@VENICEGOV.COM	

28. THROUGHOUT CONSTRUCTION THE CONTRACTOR SHALL MAINTAIN ALL WEATHER EMERGENCY ACCESS AT ALL ROAD CROSSINGS. THE ACCESS MUST WITHSTAND THE WEIGHT OF A 32 TON FIRE TRUCK.

29. CONTRACTOR SHALL STORE AND PROVIDE PROTECTION FOR ALL COMBUSTIBLE PRODUCTS AND MATERIALS FROM VEHICULAR DAMAGE AND VANDALISM.

30. GROUNDWATER DEWATERING ACTIVITIES ARE NOT COVERED BY THE PROJECT ENVIRONMENTAL RESOURCE PERMIT. THIS CONTRACTOR SHALL APPLY TO THE FDEP FOR COVERAGE UNDER THE GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SITE ACTIVITY PURSUANT TO 62-621.300 (2). F.A.C. CONTRACTOR IS RESPONSIBLE FOR ALL ASSOCIATED SAMPLING AND TESTING. A COPY OF THE APPROVED PERMIT SHALL BE PROVIDED TO THE AUTHORITY, ENGINEER OF RECORD AND CITY OF VENICE.

31. CONTRACTOR SHALL SIGN THE STORM WATER POLLUTION PREVENTION PLAN PROVIDED ON SHEET G.02 AND SHALL SUBMIT THE REQUIRED NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORM WATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (FORM 62-621.300(4)(b)) TO THE FDEP ALONG WITH ANY REQUIRED FEE.

32. BACKFLOW ASSEMBLIES

a. BACKFLOW ASSEMBLIES SHALL BE TESTED UPON INSTALLATION BY A CERTIFIED PLUMBER & RESULTS SUBMITTED TO THE UTILITIES DEPARTMENT WITHIN 72 HOURS.

b. COORDINATE WITH DISTRIBUTION DIVISION FOR A LIST OF INDEPENDENT INSPECTION SERVICE PROVIDERS.

- ALL PRACTICABLE EFFORT SHALL BE TAKEN DURING CONSTRUCTION TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT MATERIALS TO INLETS, SURFACE DRAINS, WETLANDS AND LAKE AREAS, PER FDEP/SFWMD "BEST MANAGEMENT PRACTICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RESTORATION EFFORTS THAT MAY BE REQUIRED.
2. THE CONTRACTOR IS TO CONTROL ALL FUGITIVE DUST ORIGINATING FROM THE PROJECT BY WATERING OR OTHER METHODS AS REQUIRED.
3. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM THE SITE IF NOT REUSABLE ON-SITE AND ASSUMING PLAN ALIGNMENT AND GRADE IN ALL DITCHES AND SWALES AT COMPLETION OF CONSTRUCTION.
4. ADDITIONAL PROTECTION – ON-SITE PROTECTION IN ADDITION TO THE ABOVE MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNFORESEEN CONDITIONS OR ACCIDENTS.
5. THE CONTRACTOR SHALL INSURE THAT ALL EXISTING DRAINAGE STRUCTURES, PIPES, ETC., ARE CLEANED OUT AND WORKING PROPERLY AT THE TIME OF PROJECT COMPLETION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING DIRT AND SEDIMENT FROM ALL CONSTRUCTION EQUIPMENT AND VEHICLES PRIOR TO ENTERING PUBLIC ROADWAYS.
7. THE CONTRACTOR SHALL CLEAN ALL ROADWAYS WITHIN OR ADJACENT TO THE PROJECT LIMITS ON A DAILY BASIS OR AS NEEDED TO PREVENT TRANSFER OF SEDIMENTATION.
8. HAY BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED WITH THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.
9. HAY BALES SHALL BE PLACED LENGTHWISE IN A SINGLE ROW SURROUNDING THE INLET, WITH THE ENDS OF ADJACENT BALES PRESSED TOGETHER.
10. THE FILTER BARRIER SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 8 INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER.
11. EACH HAY BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALES.
12. LOOSE STRAW SHOULD BE WEDGED BETWEEN THE BALES TO PREVENT WATER FROM ENTERING BETWEEN THE BALES.
13. STRAW BALE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAIN EVENTS.
14. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.
15. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY.
16. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE STRAW BALE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
17. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
18. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC OR BALES SHALL BE REPLACED PROMPTLY.
19. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN THE DEPOSITS REACH APPROXIMATELY ONE-THIRD THE HEIGHT OF THE BARRIER.
20. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH EXISTING GRADE, PREPARED AND SEEDED.
21. EXISTING STORM STRUCTURES SHALL BE INSPECTED AFTER EACH RAIN EVENT, REPAIRS MADE TO THE FILTER BARRIERS, AND SILT / SEDIMENT REMOVED FROM PIPES AND STRUCTURES AS NEEDED TO PROVIDE POSITIVE FLOW.
22. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/3 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
23. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST EROSION AND SEDIMENT CONTROL PRACTICES AS OUTLINED IN THE PLANS, SPECIFICATIONS AND SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT SPECIFICATIONS AND CRITERIA.
24. FOR ADDITIONAL INFORMATION ON SEDIMENT AND EROSION CONTROL REFER TO: "THE FLORIDA DEVELOPMENT MANUAL – A GUIDE TO SOUND LAND AND WATER MANAGEMENT", FROM THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (F.D.E.P.), CHAPTER 6.
25. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE PLACED ADJACENT TO ALL WETLAND AREAS WHERE THERE IS A POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION.
26. ALL DISTURBED AREAS SHALL BE GRASSED, FERTILIZED, MULCHED AND MAINTAINED UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED.
27. SOD SHALL BE PLACED IN AREAS WHICH MAY REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITY STANDARDS ARE MAINTAINED.
28. ANY DISCHARGE FROM DEWATERING ACTIVITY SHALL BE FILTERED AND CONVEYED TO THE OUTFALL IN A MANNER THAT LIMITS THE DISCHARGE TO 29 NTU ABOVE THE BACKGROUND CONCENTRATION OF THE OUTFALL.
29. DEWATERING PUMPS SHALL NOT EXCEED THE CAPACITY OF THAT WHICH REQUIRES A CONSUMPTIVE USE PERMIT FROM THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT.
30. ALL DISTURBED AREAS TO BE STABILIZED THROUGH COMPACTION, SILT SCREENS, HAY BALES AND GRASSING. ALL FILL SLOPES 3:1 OR STEEPER SHALL RECEIVE STAKED SOLID SOD.
31. ALL DEWATERING, EROSION AND SEDIMENT CONTROL DEVICES ARE TO REMAIN IN PLACE AFTER COMPLETION OF CONSTRUCTION AND REMOVED ONLY WHEN AREAS HAVE BEEN STABILIZED.
32. THESE NOTES INDICATE THE MINIMUM EROSION AND SEDIMENT MEASURES REQUIRED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY GUIDELINES AND MAY NEED TO INSTALL ADDITIONAL CONTROLS.
33. THE CONTRACTOR SHALL BE REQUIRED TO RESPOND TO ALL FDEP OR WATER MANAGEMENT DISTRICT INQUIRIES, RELATIVE TO THE COMPLIANCE FOR EROSION AND SEDIMENTATION CONTROL.
34. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
35. THE CONTRACTOR SHALL EXECUTE THE STORM WATER POLLUTION PREVENTION PLAN PROVIDED ON SHEET G1.02 PRIOR TO INITIATING CONSTRUCTION.

 City Of Venice Utility Department 200 North Warfield Avenue Venice FL 34285 Ph. 941-480-3333 Ph. 941-486-2629		DESIGNED M.J.G. DRAWN	
 2930 University Parkway Sarasota, Florida 34243 Phone 941-557-0707 Fax 941-338-6540 www.kingengineering.com Engineering License #2610		CHECKED CS/ORS	
DATE JUNE 2012		SHEET NO. G1.01	
SCALE AS SHOWN		DATE SEP. 13, 2013	

SITE DESCRIPTION		TIMING OF CONTROL MEASURES		FERTILIZERS:													
PROJECT NAME: CITY OF VENICE – WATER MAIN REPLACEMENT PROGRAM PHASE-1		OWNER OF PROJECT: CITY OF VENICE UTILITY DEPARTMENT		FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.													
SITE LOCATION: NORTH SIDE OF ARMADA RD. BETWEEN PARK BLVD AND HARBOR BLVD., SOUTH SIDE OF PONCE DE LEON AVE. BETWEEN HARBOR DR. AND NASSAU ST., NORTH SIDE OF MAGGIORE RD. WEST OF HARBOR DR. AND THE EAST SIDE OF RAVENNA ST. BETWEEN MAGGIORE RD. SOUTH TO VILLAS DR.		OWNER'S ADDRESS: 200 NORTH WARFIELD AVENUE VENICE, FL 34285		PAINTS: ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.													
PROJECT COORDINATES: LONGITUDE: 82° 27' 08" W LATITUDE: 27° 05' 35" N		CONCRETE TRUCKS: CONTRACTOR SHALL DESIGNATE AN AREA FOR DISCHARGE OF SURPLUS CONCRETE OR DRUM WASH WATER AND SHALL INSTALL A CONTAINMENT BERM AROUND THIS AREA TO PREVENT RUNOFF TO THE REMAINDER OF THE SITE. HARD DEBRIS SHALL BE DISPOSED OF BY CONTRACTOR IN ACCORDANCE WITH LOCAL RULES AND REGULATIONS UPON COMPLETION OF THE PROJECT.															
DESCRIPTION OF NATURE OF CONSTRUCTION ACTIVITY INSTALLATION OF APPROXIMATELY 4,300' LINEAL FEET OF WATER DISTRIBUTION MAIN.		CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS THE STORM WATER POLLUTION PREVENTION PLAN REFLECTS THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT'S (SWFWM) REQUIREMENTS FOR STORM WATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL, AS ESTABLISHED BY THE FLORIDA ADMINISTRATIVE CODE, CHAPTER 40D-4 AND 40D-40. TO ENSURE COMPLIANCE, THIS PLAN WAS PREPARED IN ACCORDANCE WITH SWFWM'S "BASIS OF REVIEW FOR SURFACE WATER MANAGEMENT PERMIT APPLICATIONS WITHIN THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT." THIS PLAN ALSO REFLECTS THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR WORK IN BRANCH 6.															
SOIL DISTURBING ACTIVITIES INCLUDE: EROSION CONTROL MEASURES, PIPE TRENCH EXCAVATION AND BACKFILL, PAVEMENT REPLACEMENT AND GRADING, AND PREPARATION FOR FINAL, SODDING, SEED & MULCHING AND HYDRO-SEEDING.		MAINTENANCE INSPECTION PROCEDURES EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES THESE ARE THE INSPECTION AND MAINTENANCE PRACTICES THAT SHALL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROL. ALL CONTROL MEASURES IN DISTURBED AREAS WILL BE INSPECTED AT LEAST ONCE EACH WEEK AND WITHIN 24 HOURS OF THE END OF ANY STORM EVENT OF 0.25 INCHES OR GREATER BY A CONTRACTORS REPRESENTATIVE. (WHERE SITES HAVE BEEN FINALLY STABILIZED SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH.) ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT. BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE. SILT FENCE WILL BE INSPECTED REGULARLY FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND. THE SEDIMENT BASINS WILL BE INSPECTED FOR DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE JOB. TEMPORARY AND PERMANENT GRASSING, MULCHING AND SODDING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH. A MAINTENANCE INSPECTION REPORT SHALL BE MADE AFTER EACH INSPECTION BY THE CONTRACTOR AND SHALL BE KEPT IN AN ACTIVE LOG READILY AVAILABLE AT THE JOB SITE CONSTRUCTION TRAILER. THE SITE SUPERINTENDENT WILL SELECT INDIVIDUALS WHO WILL BE RESPONSIBLE FOR MAINTENANCE AND REPAIR ACTIVITIES. FILING OUT THE INSPECTION AND MAINTENANCE REPORT WILL BE BY THE CONTRACTOR. PERSONNEL SELECTED FOR AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ON-SITE IN GOOD WORKING ORDER.															
RUNOFF COEFFICIENT: N/A				SPILL CONTROL PRACTICES IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP: MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ON-SITE. EQUIPMENT AND MATERIALS WILL INCLUDE, BUT NOT BE LIMITED TO, BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS. SPECIFICALLY FOR THIS PURPOSE. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. THE SPILL AREAS WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE. SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED. THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ON-SITE.													
SITE AREA: N/A																	
SEQUENCE OF MAJOR ACTIVITIES: 1. INSTALL SILT FENCE AND HAY BALES AS REQUIRED 2. EXCAVATE PIPE TRENCHES OR HDD RECEIVING/EXIT PITS OR SERVICE LATERAL PITS 3. STOCK PILE TOP SOIL IF REQUIRED 4. STABILIZE DENUDED AREAS AND STOCKPILES AS SOON AS PRACTICABLE. 5. INSTALL UTILITIES 6. COMPLETE GRADING AND INSTALL PERMANENT SODDING/SEED & MULCHING/HYDRO-SEEDING 7. COMPLETE FINAL PAVING AND GRADING 8. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ANY TEMPORARY CONTROLS.		NON-STORM WATER DISCHARGES IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD: WATER FROM DEWATERING, WATER LINE FLUSHING, WATER USED TO SPRAY OFF LOOSE SOILS FROM VEHICLES, DUST CONTROL, PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED). ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO A SEDIMENT BASIN PRIOR TO DISCHARGE. GROUNDWATER DEWATERING ACTIVITIES ARE NOT COVERED BY THIS PERMIT. THE CONTRACTOR SHALL APPLY FOR COVERAGE UNDER THE GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SITE ACTMIVY PURSUANT TO 62-621.300 (2), F.A.C.															
NAME OF RECEIVING WATERS: GULF OF MEXICO		INVENTORY FOR POLLUTION PREVENTION PLAN THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED, BUT NOT LIMITED TO, BE PRESENT ON SITE DURING CONSTRUCTION: CONCRETE DETERGENTS PAINTS (ENAMEL AND LATEX) WOOD TAR (PAVEMENT) SAND FERTILIZERS PETROLEUM BASED PRODUCTS AND FUELS CLEANING SOLVENTS STONE															
CONTROLS EROSION AND SEDIMENT CONTROLS STABILIZATION PRACTICES WIND EROSION STABILIZATION: THE CONTRACTOR SHALL DENUDE ONLY AREAS WHERE IT IS EXPECTED TO BE EXCAVATED OR ALTERED WITHIN A TWO (2) WEEK TIME-FRAME. FINAL GRADES SHALL BE PERFORMED AND TEMPORARY OR PERMANENT SOIL STABILIZATION SHALL BE APPLIED. AREAS WHERE CONSTRUCTION OPERATIONS WILL BE CONTINUOUS, FUGITIVE DUST SHALL BE MANAGED BY APPLYING A WATER SPRAY TO SATURATE THE SURFACE SOILS ON A DAILY BASIS, OR AS NEEDED TO MAINTAIN MINIMAL DUST TRANSPORT. FUGITIVE DUST SHALL BE MONITORED CONTINUOUSLY AND ADDITIONAL MEASURES MAY NEED TO BE TAKEN TO CONTROL OFF-SITE TRANSPORT OF UNACCEPTABLE LEVELS OF DUST. TEMPORARY STABILIZATION: TOP SOIL STOCK PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 10 DAYS WILL BE STABILIZED WITH TEMPORARY GRASS AND MULCH NO LATER THAN 5 DAYS FROM THE LAST CONSTRUCTION ACTIVITY. GRASS SEED SHALL BE A MIXTURE OF 20 PARTS OF BERMUDA SEED AND 80 PARTS OF PENSACOLA BAHIA. THE SEPARATE TYPES OF SEED USED SHALL BE THOROUGHLY DRY MIXED IMMEDIATELY BEFORE SOWING. SEED WHICH HAS BECOME WET SHALL NOT BE USED. THE MULCH MATERIAL USED SHALL NORMALLY BE DRY MULCH. DRY MULCH SHALL BE STRAW OR HAY, CONSISTING OF OAT, RYE OR WHEAT STRAW, OR OF PANGOLA, PEANUT, COASTAL BERMUDA OR BAHIA GRASS HAY. ONLY UNDETERIORATED MULCH WHICH CAN BE READILY CUT INTO THE SOIL SHALL BE USED. AREAS OF THE SITE WHICH ARE TO BE PAVED WILL BE TEMPORARILY STABILIZED BY APPLYING STABILIZATION AND BASE. PERMANENT STABILIZATION: DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASES SHALL BE STABILIZED AND RESTORED TO PRECONSTRUCTION CONDITIONS NO LATER THAN 5 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY.		SPILL PREVENTION MATERIAL MANAGEMENT PRACTICES THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF. GOOD HOUSEKEEPING: THE FOLLOWING GOOD HOUSEKEEPING PRACTICES SHALL BE FOLLOWED ON-SITE DURING THE CONSTRUCTION PROJECT. AN EFFORT SHALL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB. ALL MATERIALS STORED ON-SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER CONTAINED ENCLOSURE. PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL MANUFACTURER'S LABELED CONTAINERS. SUBSTANCES SHALL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER. WHENEVER POSSIBLE, ALL OF A PRODUCT SHALL BE USED UP BEFORE DISPOSING OF THE CONTAINER. MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE FOLLOWED. THE SITE SUPERINTENDENT SHALL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON-SITE. HAZARDOUS PRODUCTS: THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS. PRODUCTS SHALL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHALL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS' OR LOCAL AND STATE RECOMMENDED METHODS OF PROPER DISPOSAL SHALL BE FOLLOWED. THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ON-SITE: PETROLEUM PRODUCTS: ALL ON-SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ON-SITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.															
STRUCTURAL PRACTICES STAKED SILT FENCES: THE STAKED SILT FENCES WILL BE CONSTRUCTED ALONG THE PERIMETER AS PREVIOUSLY EXPLAINED. THESE DEVICES WILL FILTER RUNOFF AND/OR DIVERT RUNOFF TO THE SEDIMENT BASINS (IF NEEDED). SEDIMENT BASINS: IF NEEDED, SEDIMENT BASINS WILL BE CONSTRUCTED TO A MINIMUM OF 2' BELOW EXISTING GROUND AT THE CONTRACTORS DISCRETION TO ALLOW SILTS TO BE COLLECTED AND REMOVED. EACH BASIN SHALL HAVE SIDE SLOPES NO STEEPER THAN 4:1 AND BE STABILIZED PRIOR TO USE.				NOTICE OF TERMINATION A NOTICE OF TERMINATION WILL BE SUBMITTED TO EPA AFTER THE CONSTRUCTION HAS BEEN COMPLETED AND THE SITE HAS UNDERGONE FINAL STABILIZATION.													
STORM WATER MANAGEMENT STORM WATER DRAINAGE WILL BE PROVIDED BY SWALE, TEMPORARY AND SEDIMENT BASINS, AS NEEDED. SWALES TO BE SODDED AND INCLUDE CHECK DAMS, RIP RAP, HAY BALES OR OTHER CONTROLS TO CONTROL RUNOFF VELOCITY AND TRANSPORT OF SEDIMENT. WHEN CONSTRUCTION IS COMPLETE THE IMPROVED PORTION OF THE SITE WILL DRAIN AS IT DID PRIOR TO THE UTILITY INSTALLATION.				POLLUTION PREVENTION PLAN CERTIFICATION I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS HAVE BEEN READ BY ME OR MY DESIGNATED REPRESENTATIVE AND UNDERSTAND THAT THIS SYSTEM HAS BEEN PREPARED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.													
OTHER CONTROLS WASTE DISPOSAL WASTE MATERIALS: ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN DUMPSTERS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTERS. THE DUMPSTERS WILL BE EMPTIED A MINIMUM OF ONCE A WEEK OR MORE OFTEN IF NECESSARY. AND THE TRASH WILL BE HAULED TO A REGISTERED LANDFILL FOR DISPOSAL. NO EXCESS CONSTRUCTION MATERIALS WILL BE BURIED ON-SITE. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED IN THE ON-SITE OFFICE TRAILER AND THE CONSTRUCTION MANGER RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED. HAZARDOUS WASTE: ALL HAZARDOUS WASTE MATERIALS, IF ENCOUNTERED, WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATIONS. THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. SANITARY WASTE: ALL SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS A MINIMUM OF THREE TIMES PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, AS REQUIRED BY LOCAL REGULATION.				OWNER REPRESENTATIVE SIGNED: _____ NAME AND TITLE: _____ COMPANY: <u>CITY OF VENICE ENGINEERING DEPARTMENT</u> ADDRESS: <u>401 WEST VENICE AVENUE</u> <u>VENICE, FL 34285</u> DATE: _____													
OFFSITE VEHICLE TRACKING THE PAVED STREETS WILL BE CLEANED AS NEEDED TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM/TO THE SITE. DUMP TRUCKS HAULING MATERIAL FROM OR TO THE SITE WILL BE COVERED WITH A TARPAULIN AT ALL TIMES.				CONTRACTOR'S CERTIFICATION I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERIC STORM WATER PERMIT ISSUED PURSUANT TO SECTION 403.0885, F.S., THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.													
				<table><thead><tr><th>SIGNATURE</th><th>FOR</th><th>RESPONSIBLE FOR</th></tr></thead><tbody><tr><td>_____ NAME: _____ TITLE: _____ DATE: _____</td><td>COMPANY: _____ ADDRESS: _____ PHONE: _____</td><td>GENERAL CONTRACTOR TBD</td></tr><tr><td>_____ NAME: _____ TITLE: _____ DATE: _____</td><td>COMPANY: _____ ADDRESS: _____ PHONE: _____</td><td>TEMPORARY AND PERMANENT STABILIZATION</td></tr><tr><td>_____ NAME: _____ TITLE: _____ DATE: _____</td><td>COMPANY: _____ ADDRESS: _____ PHONE: _____</td><td>STABILIZED CONSTRUCTION ENTRANCE, EARTH DIKES, SEDIMENT BASIN</td></tr></tbody></table>		SIGNATURE	FOR	RESPONSIBLE FOR	_____ NAME: _____ TITLE: _____ DATE: _____	COMPANY: _____ ADDRESS: _____ PHONE: _____	GENERAL CONTRACTOR TBD	_____ NAME: _____ TITLE: _____ DATE: _____	COMPANY: _____ ADDRESS: _____ PHONE: _____	TEMPORARY AND PERMANENT STABILIZATION	_____ NAME: _____ TITLE: _____ DATE: _____	COMPANY: _____ ADDRESS: _____ PHONE: _____	STABILIZED CONSTRUCTION ENTRANCE, EARTH DIKES, SEDIMENT BASIN
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DESIGNED

DRAWN

CHECKED

IN CHARGE

City Of Venice
Utility Department
200 North Warfield Avenue
Venice FL 34285
Ph: 941-486-2833
Ph: 941-486-2829

2930 University Parkway
Sarasota, Florida 34243
Phone 941-538-6000
Fax 941-538-6540
www.king-engineering.com
Engineering License #2410

King

ENGINEERING ASSOCIATES, INC.

WATER MAIN
REPLACEMENT PROGRAM
PHASE-1

NO.	DATE	DESCRIPTION	CHK	APP
1	09/13/2013	RE-BID DOCUMENT		

TITLE

STORM WATER
POLLUTION
PREVENTION PLAN

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.
4799-002-000

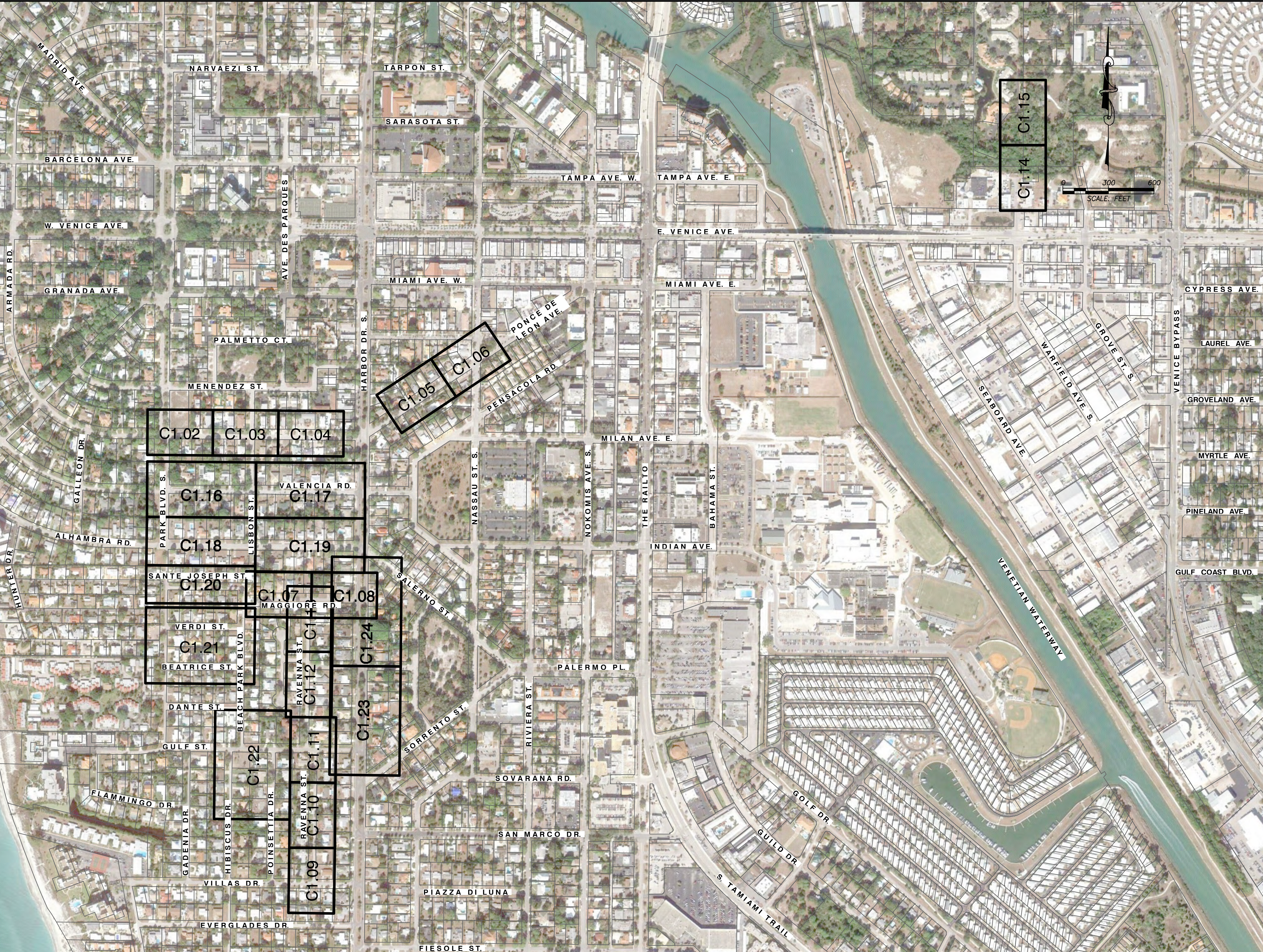
DATE:
JUNE 2012

SCALE:
AS SHOWN

SHEET NO.
G1.02

BID DOCUMENT
SEPT. 13, 2013

GULF OF MEXICO

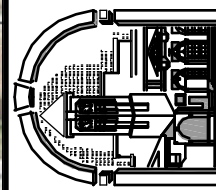


DESIGNED
MUG

DRAWN
CS/CPS

CHECKED
SLP

DATE
7/11



City Of Venice
Utility Department
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Venice FL 34285
PH: 941-489-3933
PH: 941-489-2829



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WATER MAIN
REPLACEMENT PROGRAM
PHASE-1

NO.	DATE	RE-BID DOCUMENT	DESCRIPTION	APPROVE
1	09/13/2013			CHK

OVERALL PROJECT
SITE PLAN AND
KEYMAP

THE SIGNATURE OF THE QUALITY CONTROL
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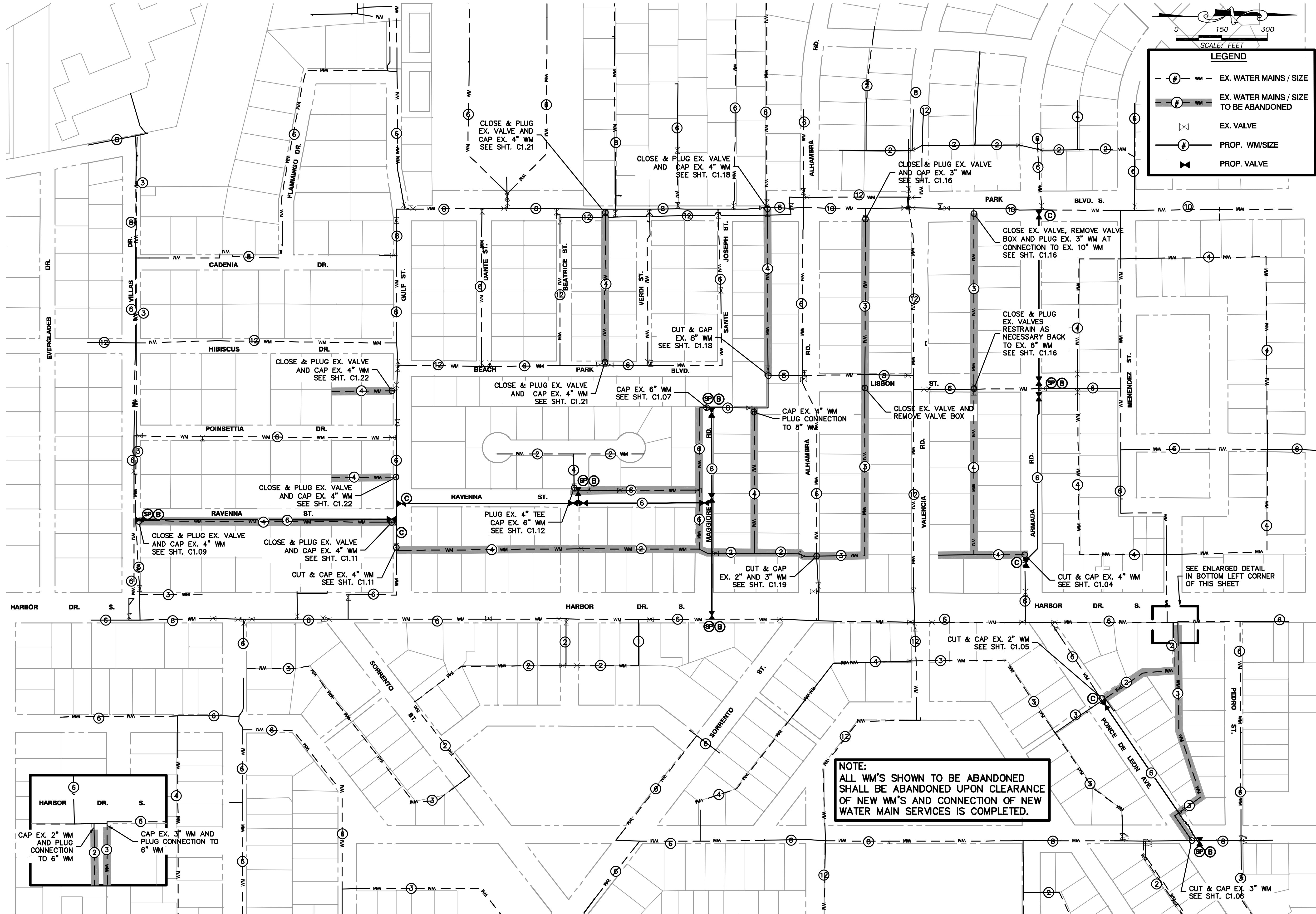
JOB NO.
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DATE:
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SCALE:
AS SHOWN

SHEET NO.
C1.00

BID DOCUMENT
SEPT. 13, 2013



**WATER MAIN
REPLACEMENT PROGRAM
PHASE-1**

**OVERALL
EX. WATERMAIN
ABANDONMENT
SITE PLAN**

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JOB NO.
4799-002-000
DATE:
JUNE 2012
SCALE:
AS SHOWN

C1.01

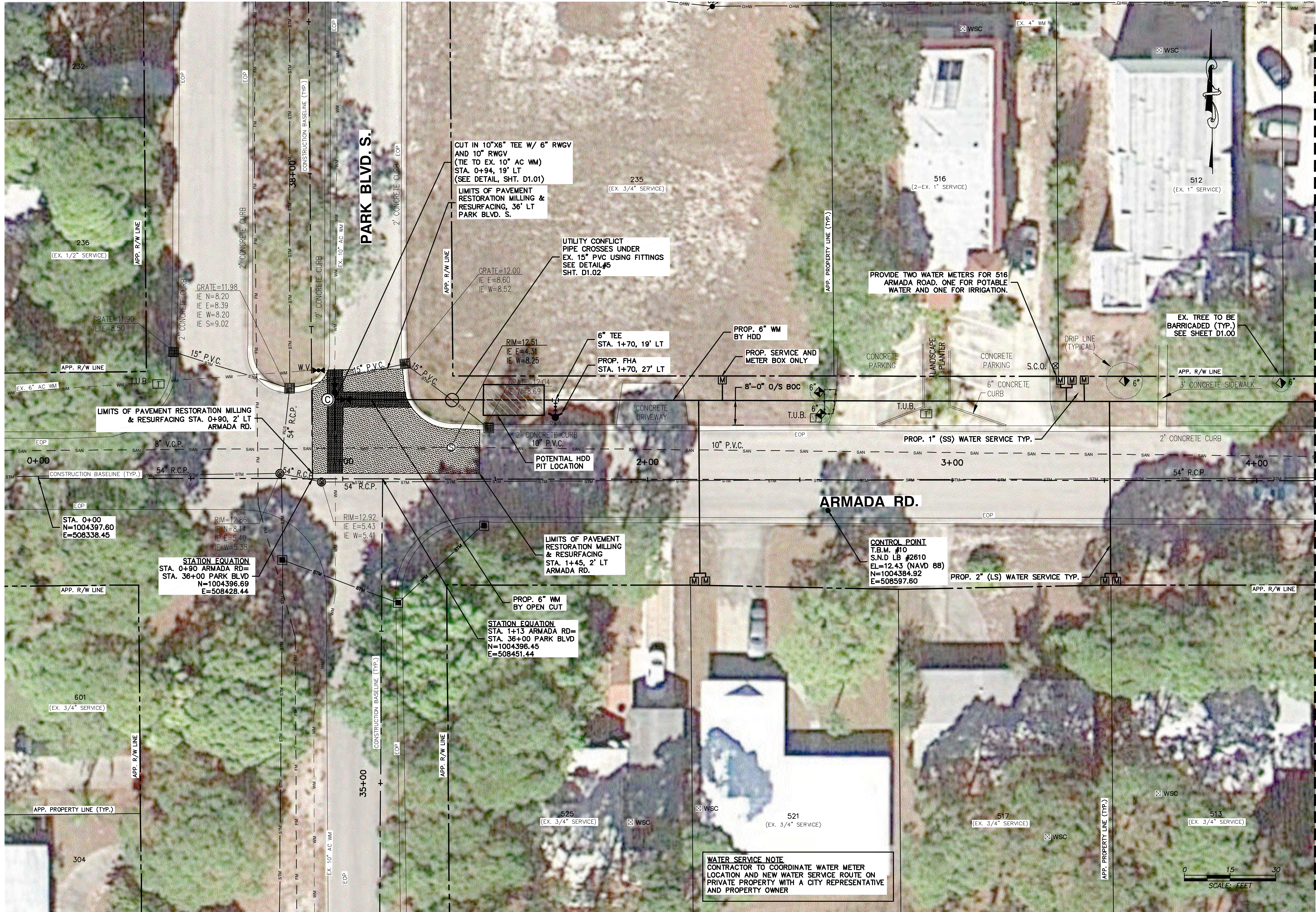
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SEPT. 13, 2013

City Of Venice
Utility Department
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Venice FL 34285
PH 941-489-2933
FAX 941-489-2929

DESIGNED
MUG
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VLC

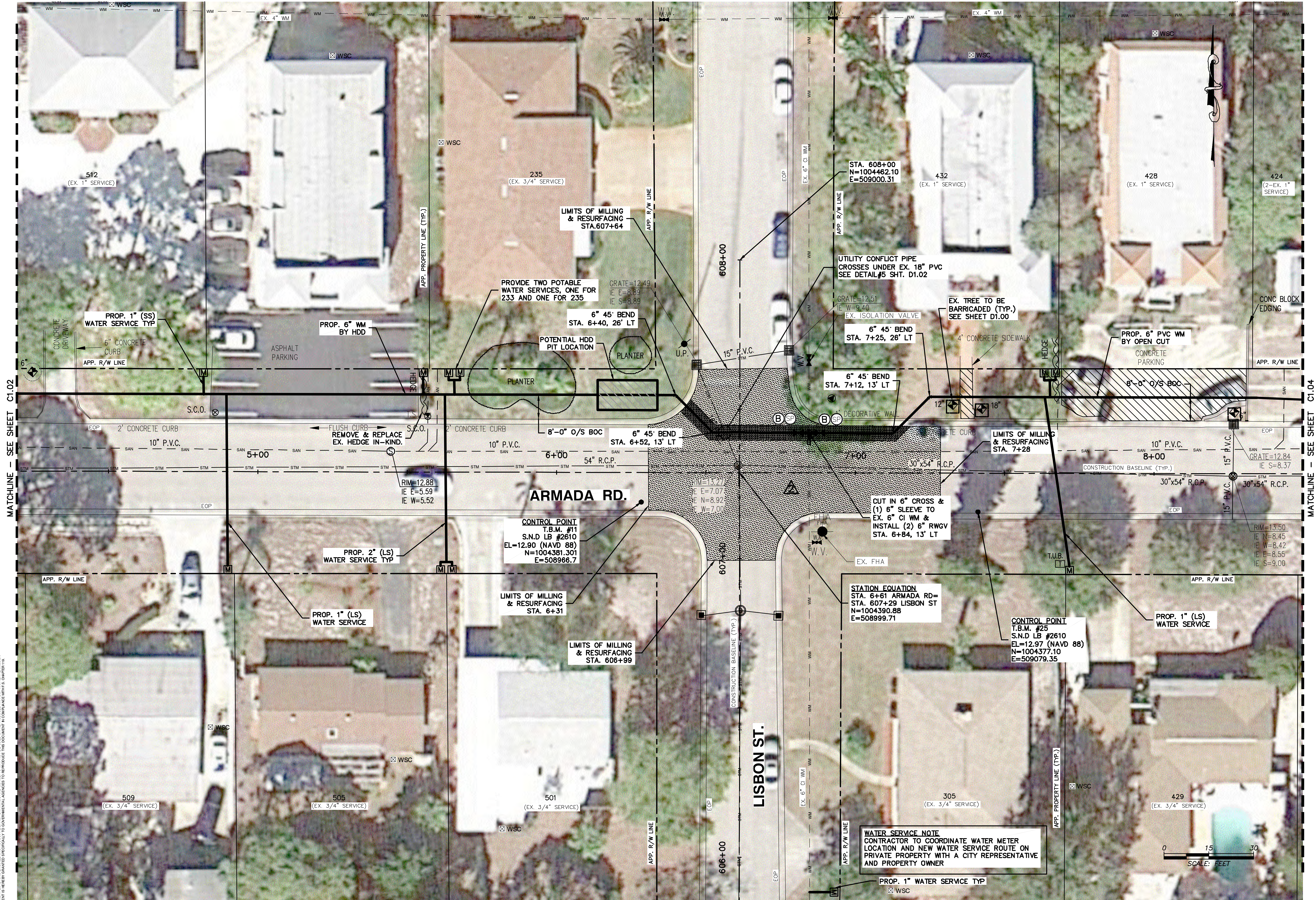
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ENGINEERING ASSOCIATES, INC.



MATCHLINE - SEE SHEET C1.03

DESIGNED	MUG	CHECKED	CS/OPS	DATE	SLP												
City Of Venice Utility Department 200 North W. 1st Avenue Venice, FL 33596 Phone 941-486-2833 Fax 941-486-2833 www.king-engineering.com Engineering License #2410																	
WATER MAIN REPLACEMENT PROGRAM PHASE-1																	
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MUG		MUG		CS/OPS		SLP											
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