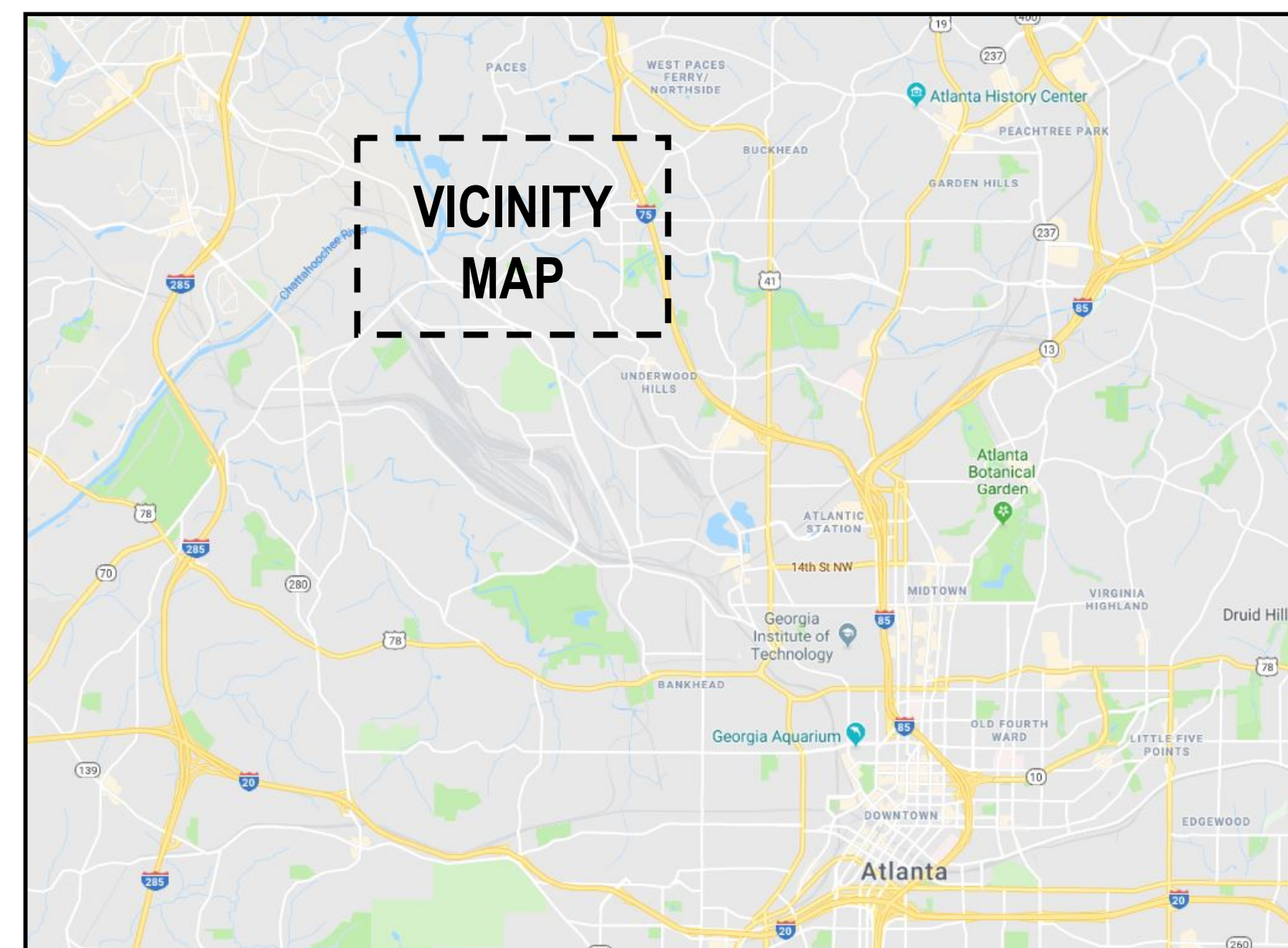


CITY OF ATLANTA

DEPARTMENT OF WATERSHED MANAGEMENT

Water Supply Program

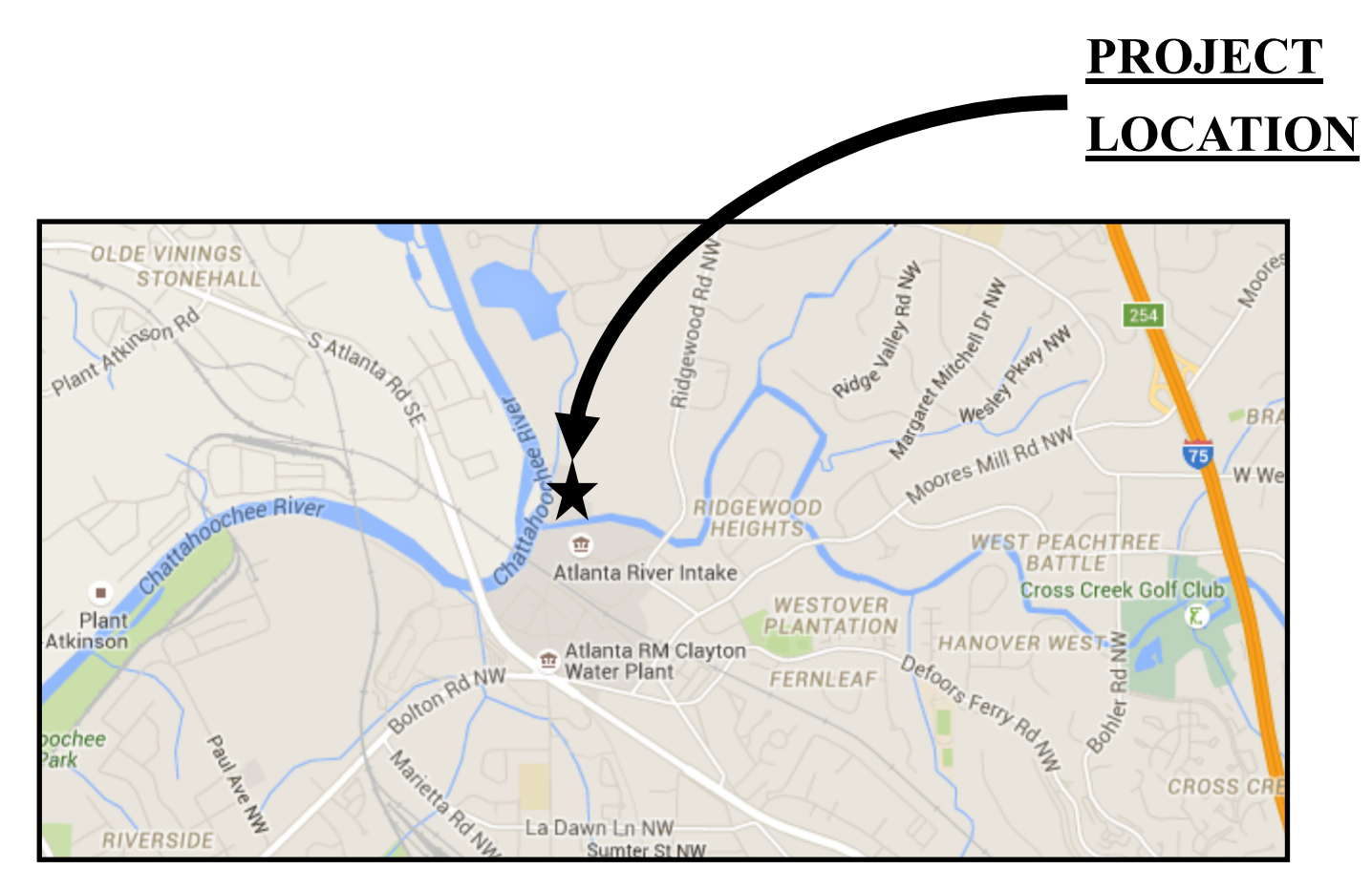
RIVER INTAKE PUMP STATION



LOCATION MAP
NTS

**VOLUME 3 OF 4
PROJECT PLANS
(ISSUED FOR BIDDING)
FOR
WATER SUPPLY PROGRAM
RIVER INTAKE PUMP STATION**

**NOVEMBER 26, 2019
DEPARTMENT OF WATERSHED
MANAGEMENT COMMISSIONER
KISHIA L. POWELL**



VICINITY MAP
NTS



RIVER INTAKE PUMP STATION
NTS
**2566 RIDGEWOOD ROAD NW,
ATLANTA, GA 30318
FULTON COUNTY**



CITY OF ATLANTA MAYOR
KEISHA LANCE BOTTOMS

DRAWING INDEX

<u>DRAWING NO.</u>	<u>DRAWING TITLE</u>
G-000 - G-004	GENERAL SHEETS
D0-001	HYDRAULIC PROFILE
C1-001 - EC-014	CIVIL AND EROSION CONTROLS
TRP-1 - TRP-5	TREE RECOMPENSE PLAN
DP0-001 - DS2-007	PROCESS
LS-111 - A6-101	ARCHITECTURAL
M1-101 - M7-001	MECHANICAL
S-001 - S-302	STRUCTURAL
E5-000 - PID-6	ELECTRICAL INSTRUMENTATION AND CONTROL

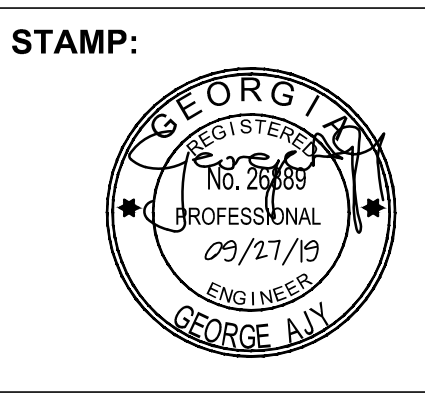


P:\City of Atlanta - Water Supply Program Phase 1\CD Drawings\GENERAL\RI-PS_G-001-004.dwg, PRINTED BY: hcdyn@barne.com, Thu, Dec 05, 2019 AT 10:03 AM

DWG #	SHEET NAME	DWG #	SHEET NAME	DWG #	SHEET NAME	DWG #	SHEET NAME	DWG #	SHEET NAME
	01 - GENERAL SHEETS		03 - CIVIL (CONTINUED)		05 - PROCESS (CONTINUED)		08 - STRUCTURAL (CONTINUED)		09 - ELECTRICAL, INSTRUMENTATION & CONTROL (CONTINUED)
RI-PS_G-000	COVER		EROSION CONTROL (CHATTAHOOCHEE COMPLEX)	RI-PS_DS2-002	PROCESS - DETAILS	RI-PS_S-131	METER VAULT - FOUNDATION PLAN	RI-PS_E6-203	PANELBOARD SCHEDULES
RI-PS_G-001	DRAWING LIST	RI-PS_EC-004	PHASE 1 PLAN	RI-PS_DS2-003	YARD PIPING - DETAILS	RI-PS_S-132	METER VAULT -MEZZANINE FRAMING PLAN		ELECTRICAL - LOW VOLTAGE
RI-PS_G-002	GENERAL ABBREVIATIONS	RI-PS_EC-005	PHASE 2 PLAN	RI-PS_DS2-004	PROCESS - DETAILS	RI-PS_S-133	METER VAULT - FRAMING PLAN	RI-PS_E7-101	ELECTRICAL LEGEND AND NOTES
RI-PS_G-003	GENERAL LEGEND	RI-PS_EC-006	PHASE 3 PLAN	RI-PS_DS2-005	CONCRETE THRUST BLOCK DETAILS	RI-PS_S-134	METER VAULT - BUILDING SECTIONS	RI-PS_E7-102	ELECTRICAL - SITE PLAN
RI-PS_G-004	GENERAL NOTES	RI-PS_EC-007	NPDES NOTE SHEET	RI-PS_DS2-006	SAMPLE LINE DETAILS	RI-PS_S-141	VALVE VAULT - FOUNDATION & FRAMING PLAN	RI-PS_E7-103	ELECTRICAL BUILDING - LIGHTING PLAN
		RI-PS_EC-008	NPDES MAP SHEET	RI-PS_DS2-007	YARD PIPING - SECTIONS	RI-PS_S-142	VALVE VAULT - BUILDING SECTIONS	RI-PS_E7-104	ELECTRICAL BUILDING - POWER PLAN
		RI-PS_EC-009	NPDES NOTE SHEET			RI-PS_S-151	ELECTRICAL BUILDING - FOUNDATION PLAN	RI-PS_E7-105	ELECTRICAL BUILDING - SYSTEMS PLAN
		RI-PS_EC-010	SCANNED DOCUMENTS SHEET			RI-PS_S-152	ELECTRICAL BUILDING - ROOF FRAMING PLAN	RI-PS_E7-106	METER VAULT - LIGHTING PLAN
	02 - HYDRAULIC PROFILE	RI-PS_EC-011	STANDARD DETAILS		06 - ARCHITECTURAL	RI-PS_S-201	FOUNDATION DETAILS	RI-PS_E7-107	METER VAULT - POWER PLAN
RI-PS_D0-001	HYDRAULIC PROFILE	RI-PS_EC-012	STANDARD DETAILS	RI-PS_LS-111	LIFE SAFETY FLOOR PLAN	RI-PS_S-301	FRAMING DETAILS	RI-PS_E7-108	PUMP STATION - SYSTEMS & LIGHTING PLAN
		RI-PS_EC-013	STANDARD DETAILS - VEGETATIVE	RI-PS_A1-111	ELECTRICAL BUILDING - ARCHITECTURAL FLOOR PLAN	RI-PS_S-302	FRAMING DETAILS	RI-PS_E7-109	PUMP STATION - POWER PLAN
		RI-PS_EC-014	STANDARD DETAILS - VEGETATIVE	RI-PS_A1-112	ELECTRICAL BUILDING - ROOF PLAN			RI-PS_E7-110	VALVE VAULT - LIGHTING PLAN
				RI-PS_A1-113	ELECTRICAL BUILDING - FOUNDATION DRAINAGE PLAN			RI-PS_E7-111	VALVE VAULT - POWER PLAN
	03 - CIVIL			RI-PS_A1-211	ELECTRICAL BUILDING - REFLECTED CEILING PLAN				09 - ELECTRICAL, INSTRUMENTATION & CONTROL
RI-PS_C1-001	OVERALL SITE PLAN - RIVER INTAKE			RI-PS_A2-121	ELECTRICAL BUILDING - BUILDING ELEVATIONS				ELECTRICAL - MEDIUM VOLTAGE
RI-PS_C1-002	OVERALL SITE PLAN - CHATTAHOOCHEE COMPLEX		04 - TREE RECOMPENSE	RI-PS_A3-101	ELECTRICAL BUILDING - BUILDING SECTIONS	RI-PS_E5-000	ELECTRICAL LEGEND AND NOTES	RI-PS_EG-001	INSTALLATION DETAILS
RI-PS_C1-003	SURVEY CONTROL - RIVER INTAKE	RI-PS_TRP-1	TREE RECOMPENSE PLAN	RI-PS_A3-211	ELECTRICAL BUILDING - WALL SECTIONS	RI-PS_E5-001	DUCTBANK SECTIONS	RI-PS_EG-002	INSTALLATION DETAILS
RI-PS_C1-004	SURVEY CONTROL - CHATTAHOOCHEE COMPLEX	RI-PS_TRP-2	TREE RECOMPENSE PLAN	RI-PS_A5-111	ELECTRICAL BUILDING - SECTION DETAILS	RI-PS_E5-002	MATERIAL RATING SCHEDULE	RI-PS_EG-003	INSTALLATION DETAILS
RI-PS_C1-005	SURVEY CONTROL PLAN	RI-PS_TRP-3	TREE RECOMPENSE PLAN	RI-PS_A5-112	ELECTRICAL BUILDING - SECTION DETAILS	RI-PS_E5-010	SITE DEMOLITION PLAN	RI-PS_EG-004	INSTALLATION DETAILS
	CIVIL (RIVER INTAKE)	RI-PS_TRP-4	TREE RECOMPENSE PLAN	RI-PS_A5-211	ELECTRICAL BUILDING - EXTERIOR PLAN DETAILS	RI-PS_E5-100	OVERALL ELECTRICAL SITE PLAN	RI-PS_IG-001	INSTRUMENTATION INSTALLATION DETAILS
RI-PS_C1-006	EXISTING CONDITIONS	RI-PS_TRP-5	TREE REPLACEMENT DETAILS	RI-PS_A6-101	ELECTRICAL BUILDING DOOR SCHEDULE, ELEVATIONS & DETAILS	RI-PS_E5-101	EXISTING PEACHTREE PS ELECTRICAL SITE PLAN	RI-PS_IG-002	INSTRUMENTATION INSTALLATION DETAILS
RI-PS_C1-007	SITE DEMOLITION PLAN					RI-PS_E5-110	ELECTRICAL SITE PLAN	RI-PS_EI-001	SCHEMATIC DIAGRAMS
RI-PS_C1-008	PROPOSED SITE PLAN					RI-PS_E5-111	ELECTRICAL ROOM LAYOUT	RI-PS_EI-002	SCHEMATIC DIAGRAMS
RI-PS_C1-009	GRADING AND DRAINAGE PLAN		05 - PROCESS			RI-PS_E5-112	FINE SCREENS AND WETWELL ELECTRICAL SITE PLAN	RI-PS_EI-003	SCHEMATIC DIAGRAMS
RI-PS_C1-010	PROPOSED UTILITY PLAN (OMITTED)	RI-PS_DP0-001	RIVER INTAKE - PROCESS FLOW DIAGRAM		07 - MECHANICAL	RI-PS_E5-113	METER VAULT ELECTRICAL PLAN	RI-PS_EI-004	SCHEMATIC DIAGRAMS
	CIVIL (CHATTAHOOCHEE COMPLEX)	RI-PS_DP0-002	CHATTAHOOCHEE COMPLEX - PROCESS FLOW DIAGRAM	RI-PS_M1-101	ELECTRICAL ROOM HVAC PLAN	RI-PS_E5-114	RIPS DROP SHAFT ELECTRICAL SITE PLAN	RI-PS_EI-005	SCHEMATIC DIAGRAMS
RI-PS_C1-011	EXISTING CONDITIONS	RI-PS_DP1-001	PUMP STATION PLAN	RI-PS_M1-102	METER VAULT HVAC PLAN	RI-PS_E5-115	VALVE VAULT ELECTRICAL PLAN	RI-PS_EI-006	SCHEMATIC DIAGRAMS
RI-PS_C1-012	SITE DEMOLITION PLAN	RI-PS_DP2-001	PUMP STATION SECTION	RI-PS_M1-103	VALVE VAULT HVAC PLAN	RI-PS_E5-201	PUMPS AREA EQUIPMENT GROUNDING PLAN	RI-PS_EI-007	SCHEMATIC DIAGRAMS
RI-PS_C1-013	PROPOSED SITE PLAN	RI-PS_DP2-002	PUMP STATION SECTION	RI-PS_M5-001	HVAC DETAILS	RI-PS_E5-202	ELECTRICAL ROOM EQUIPMENT GROUNDING PLAN	RI-PS_EI-008	SCHEMATIC DIAGRAMS
RI-PS_C1-014	PROPOSED UTILITY PLAN (OMITTED)	RI-PS_DP2-003	PUMP STATION SECTION	RI-PS_M7-001	NOTES, LEGENDS, ABBREVIATIONS, AND SCHEDULES	RI-PS_E5-203	METER VAULT GROUNDING PLAN	RI-PS_EI-009	SCHEMATIC DIAGRAMS
RI-PS_C2-001	PRE-CONSTRUCTION DRAINAGE MAP	RI-PS_DP2-004	PUMP STATION SECTION			RI-PS_E5-210	GROUNDING SYMBOLS NOTES AND DETAILS	RI-PS_EI-010	SCHEMATICS
RI-PS_C2-002	POST-CONSTRUCTION DRAINAGE MAP					RI-PS_E5-211	GROUNDING INSTALLATION DETAILS	RI-PS_EI-011	SCHEMATICS
RI-PS_C3-001	DRIVEWAY CONSTRUCTION PROFILES		YARD PIPING (RIVER INTAKE)			RI-PS_E5-212	GROUNDING - INSTALLATION DETAILS	RI-PS_EJ-101	SCADA SYSTEM BLOCK DIAGRAM
RI-PS_C3-002	STORM DRAINAGE & CREEK CROSSING PROFILES	RI-PS_DS1-001	YARD PIPING PLAN AND PROFILE	RI-PS_S-001	GENERAL NOTES AND ABBREVIATIONS	RI-PS_E5-213	GROUNDING - INSTALLATION DETAILS	RI-PS_PID-1	PROCESS P&ID'S LEGEND AND SYMBOLS
RI-PS_C3-003	RETAINING WALL CONSTRUCTION PROFILES	RI-PS_DS1-002	YARD PIPING PLAN AND PROFILE	RI-PS_S-002	SPECIAL INSPECTIONS	RI-PS_E5-214	GROUNDING - INSTALLATION DETAILS	RI-PS_PID-2	PROCESS P&ID'S FINE SCREENS
RI-PS_C4-001	STANDARD DETAILS	RI-PS_DS1-003	YARD PIPING DETAILS	RI-PS_S-003	SPECIAL INSPECTIONS	RI-PS_E5-215	GROUNDING - INSTALLATION DETAILS	RI-PS_PID-3	PROCESS P&ID'S RAW WATER WETWELL
RI-PS_C4-002	STANDARD DETAILS	RI-PS_DS1-004	TUNNEL SHAFT TRANSITION BOX	RI-PS_S-004	TYPICAL DETAILS	RI-PS_E5-216	GROUNDING - INSTALLATION DETAILS	RI-PS_PID-4	PROCESS P&ID'S TUNNEL SHAFT
RI-PS_C4-003	STANDARD DETAILS	RI-PS_DS1-005	METER VAULT PLAN	RI-PS_S-005	TYPICAL DETAILS	RI-PS_E5-217	GROUNDING - INSTALLATION DETAILS	RI-PS_PID-5	PROCESS P&ID'S LUBE AND SEAL WATER SYSTEM
RI-PS_C4-004	STANDARD DETAILS	RI-PS_DS1-006	METER VAULT SECTION	RI-PS_S-111	PUMP STATION - FOUNDATION PLAN	RI-PS_E5-218	GROUNDING - INSTALLATION DETAILS	RI-PS_PID-6	PROCESS P&ID'S FLOW CONTROL VALVE VAULT
RI-PS_C4-005	STANDARD DETAILS	RI-PS_DS1-007	METER VAULT SECTION	RI-PS_S-112	PUMP STATION - FRAMING PLAN	RI-PS_E5-219	GROUNDING - INSTALLATION DETAILS		
RI-PS_C4-006	RETAINING WALL STANDARD DETAILS		YARD PIPING (CHATTAHOOCHEE COMPLEX)	RI-PS_S-113	PUMP STATION - CRANE FRAMING PLAN	RI-PS_E6-101	ONE LINE DIAGRAM - EXISTING MV SWITCHGEAR		
RI-PS_C4-007	RETAINING WALL STANDARD DETAILS	RI-PS_DS1-008A	YARD PIPING PLAN AND PROFILE	RI-PS_S-114	PUMP STATION - BUILDING SECTIONS	RI-PS_E6-102	ONE LINE DIAGRAM - SWITCHGEAR RSG		
RI-PS_C5-001	TYPICAL PAVEMENT SECTIONS	RI-PS_DS1-008B	YARD PIPING PLAN AND PROFILE	RI-PS_S-115	PUMP STATION - BUILDING SECTIONS	RI-PS_E6-103	ONE LINE DIAGRAM - SWITCHGEAR RSG		
	EROSION & SEDIMENT CONTROL	RI-PS_DS1-009	YARD PIPING PLAN AND PROFILE	RI-PS_S-116	PUMP STATION - BUILDING SECTIONS	RI-PS_E6-104	ONE LINE DIAGRAM - SWITCHGEAR RSG		
RI-PS_EC-000	COVER SHEET	RI-PS_DS1-010	VALVE VAULT PLAN	RI-PS_S-117	PUMP STATION - BUILDING SECTIONS	RI-PS_E6-105	ONE LINE DIAGRAM - LOW VOLTAGE SWBD-RPS		
	EROSION CONTROL (RIVER INTAKE)	RI-PS_DS1-011	VALVE VAULT SECTION	RI-PS_S-118	PUMP STATION - BUILDING SECTIONS	RI-PS_E6-106	ONE LINE DIAGRAM		
RI-PS_EC-001	PHASE 1 PLAN	RI-PS_DS1-012	VALVE VAULT SECTION	RI-PS_S-121	TUNNEL SHAFT TRANSITION BOX - PLANS	RI-PS_E6-201	PANELBOARD SCHEDULES		
RI-PS_EC-002	PHASE 2 PLAN	RI-PS_DS2-001	PROCESS - DETAILS	RI-PS_S-122	TUNNEL SHAFT TRANSITION BOX - SECTIONS	RI-PS_E6-202	PANELBOARD SCHEDULES		
RI-PS_EC-003	PHASE 3 PLAN								



No.	Description	Date



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 (770) 569-7038 x101
 FAX: (770) 993-5082

PROJECT NO:	TASK 13
DESIGNED BY:	A.T.
DRAWN BY:	J.J.
CHECKED BY:	G.A.
DATE:	09/27/19
SCALE:	NONE

**CITY OF ATLANTA DEPT. OF WATERSHED MANAGEMENT
 WATER SUPPLY PROGRAM**

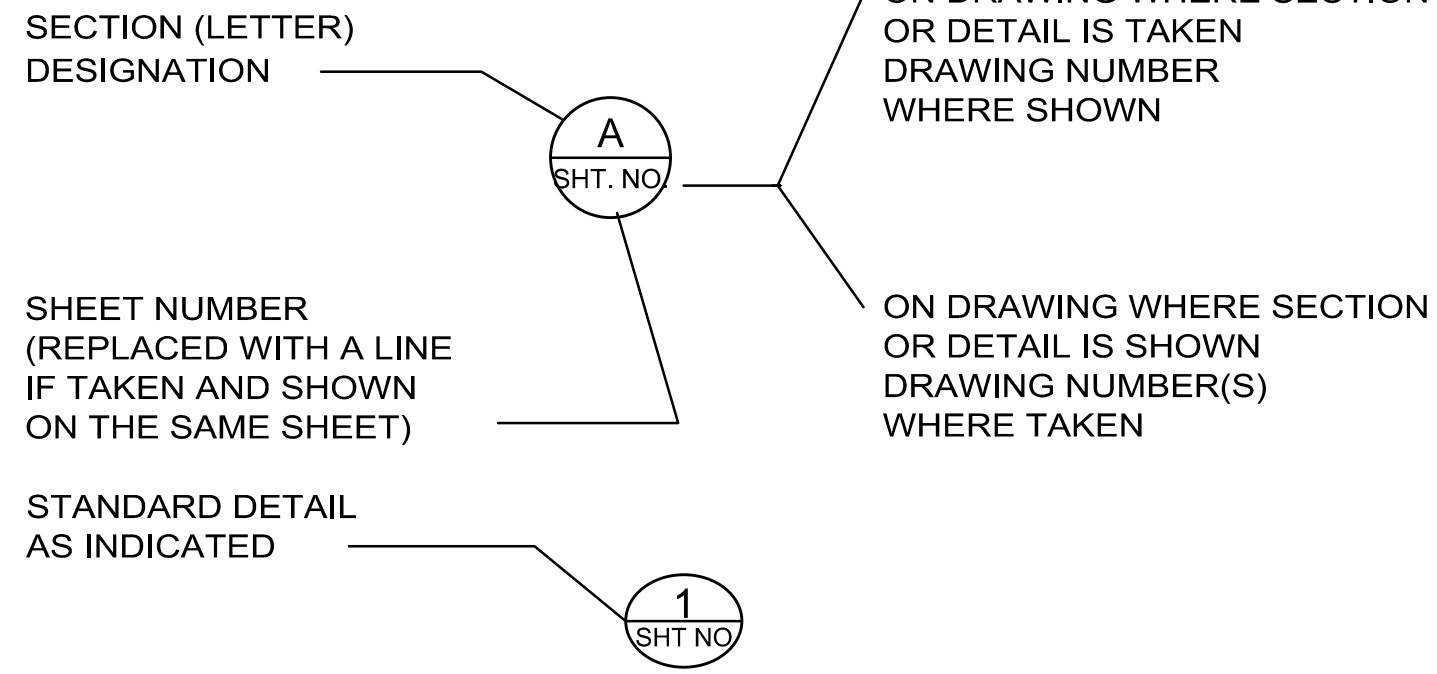
RIVER INTAKE PUMP STATION

 DRAWING LIST

DRAWING NO.
RI-PS
G-001
 SHEET OF

ISSUED FOR BIDDING

GENERAL LEGEND



DETAIL & SECTION DESIGNATION

GENERAL NOTES:

1. FACILITIES ARE SHOWN HEAVY LINED. SCREENING IS USED TO IN ORDER TO CLARIFY DRAWINGS. FOR EXAMPLE, STRUCTURES ARE SCREENED ON MECHANICAL DRAWINGS TO HIGH-LITE PIPING AND EQUIPMENT.
2. DEMOLITION WORK IS SHOWN BY DEPICTING FACILITIES, EQUIPMENT, PIPING, ETC. TO BE REMOVED AS CROSS HATCH.
3. ALL DIMENSIONS FOR EQUIPMENT PROVIDED IN THIS CONTRACT TO BE VERIFIED.
4. REFER TO STRUCTURAL, MECHANICAL, ELECTRICAL AND OTHER DISCIPLINES OF DRAWINGS FOR ADDITIONAL NOTES.

CONSTRUCTION NOTES:

1. UNDERGROUND UTILITIES ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR SHALL CONTACT ALL UTILITY OWNERS AND CONFIRM LOCATIONS OF UTILITIES AT LEAST 48 HOURS BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ACCURATELY LOCATE AND UNCOVER ALL EXISTING UTILITIES BEFORE BEGINNING CONSTRUCTION. ANY DAMAGE RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. WHERE CROSSING OF EXISTING UTILITIES OCCUR, PROVIDE 12" MINIMUM CLEARANCE EXCEPT WATER MAINS SHALL BE 18". CROSS UNDER ALL WATER MAINS WHERE NOT POSSIBLE TO PROVIDE 18" CLEARANCE.
2. SEWER AND WATER SERVICE SHALL BE MAINTAINED DURING ENTIRE CONSTRUCTION PERIOD OR TEMPORARY FACILITIES PROVIDED.
3. MINIMUM COVER OVER PIPING SHALL BE 48", BELOW FINISHED GRADE UNLESS OTHERWISE SHOWN OR SPECIFIED.
4. IF UNSATISFACTORY MATERIAL FOR ADEQUATE BEARING IS ENCOUNTERED AT THE NORMAL SUBGRADE, THE UNSATISFACTORY MATERIAL SHALL BE REMOVED AND REPLACED WITH SUITABLE FOUNDATION STABILIZATION MATERIAL AS SPECIFIED.
5. THE CONTRACTOR SHALL NOT DISTURB AREAS OUTSIDE THE PROJECT SITE.

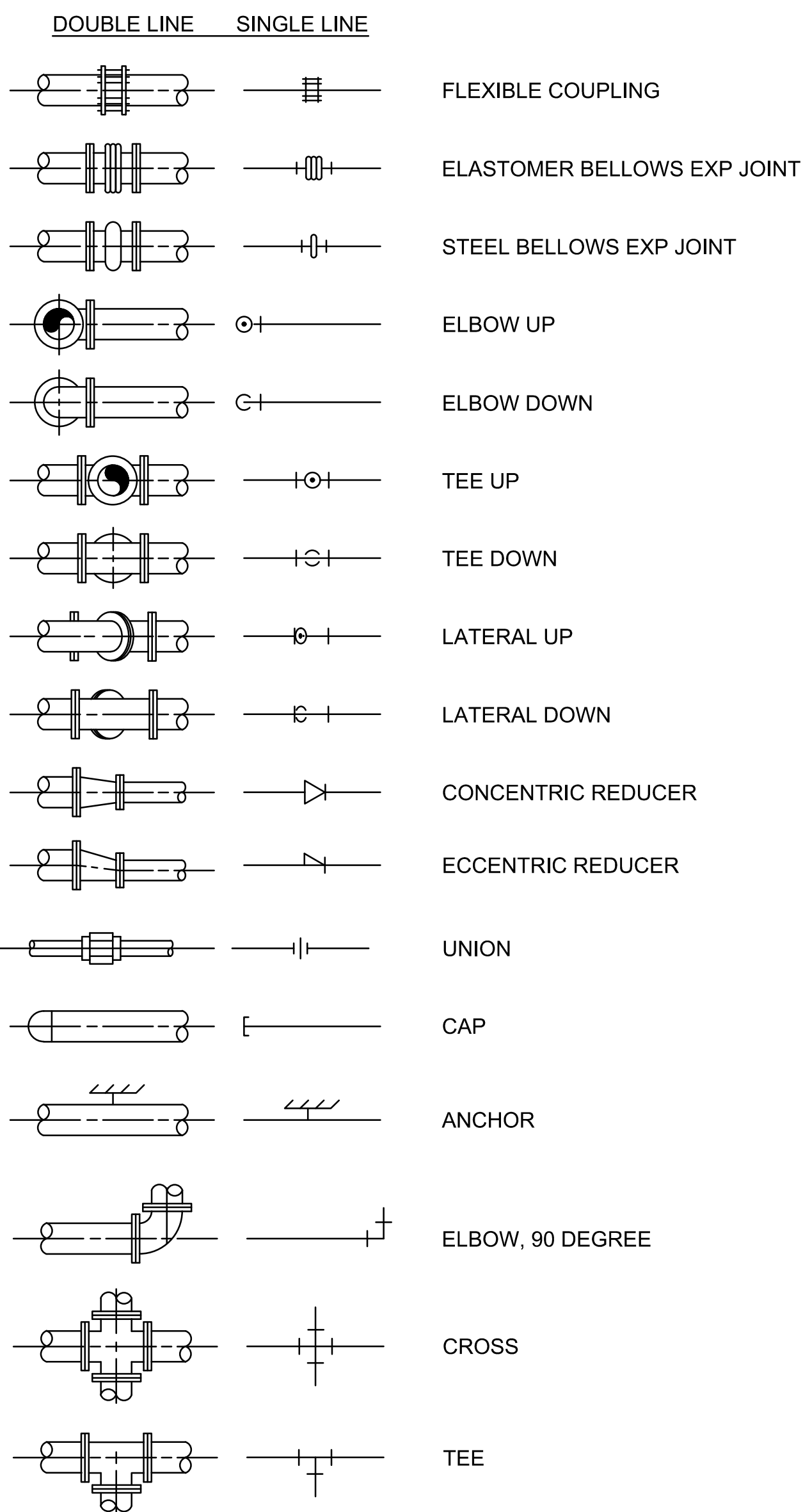
GENERAL PIPING NOTES:

1. LAY PIPE TO UNIFORM GRADE BETWEEN INDICATED ELEVATION POINTS.
2. SIZE OF FITTINGS SHOWN ON PLANS SHALL CORRESPOND TO ADJACENT STRAIGHT RUN OF PIPE, UNLESS OTHERWISE INDICATED. TYPE OF JOINT AND FITTING MATERIAL SHALL BE THE SAME AS SHOWN FOR ADJACENT STRAIGHT RUN OF PIPE.
3. LOCATION AND NUMBER OF PIPE HANGERS AND PIPE SUPPORTS SHOWN IS ONLY APPROXIMATE. FINAL SUPPORT REQUIREMENTS SHALL BE DETERMINED BY THE CONTRACTOR.

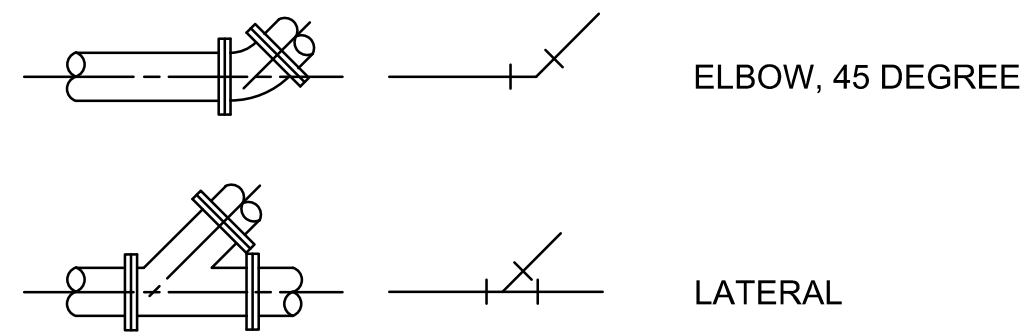
GENERAL PIPING NOTES (CONT'D.):

4. ALL JOINTS SHALL BE WATERTIGHT. WALL PIPES SHALL BE USED WHEREVER PIPING PASSES FROM A STRUCTURE TO BACKFILL.
5. ALL FLEXIBLE CONNECTORS OR FLANGED COUPLING ADAPTERS SHALL BE PROVIDED WITH THRUST TIES, OR ANCHORS, UNLESS OTHERWISE NOTED.
6. SYMBOLS, LEGENDS, AND PIPE USE IDENTIFICATIONS SHOWN SHALL BE FOLLOWED THROUGHOUT THE PLANS, WHEREVER APPLICABLE. NOT ALL OF THE VARIOUS PIPING COMPONENTS ARE NECESSARILY USED IN THE PROJECT.
7. ALL BURIED PIPING SPECIFIED TO BE PRESSURE TESTED, EXCEPT FLANGED, WELDED, OR SCREWED PIPING, SHALL BE PROVIDED WITH THRUST RESTRAINT, AS SPECIFIED AT ALL DIRECTIONAL CHANGES, AND DEAD ENDS UNLESS OTHERWISE NOTED.

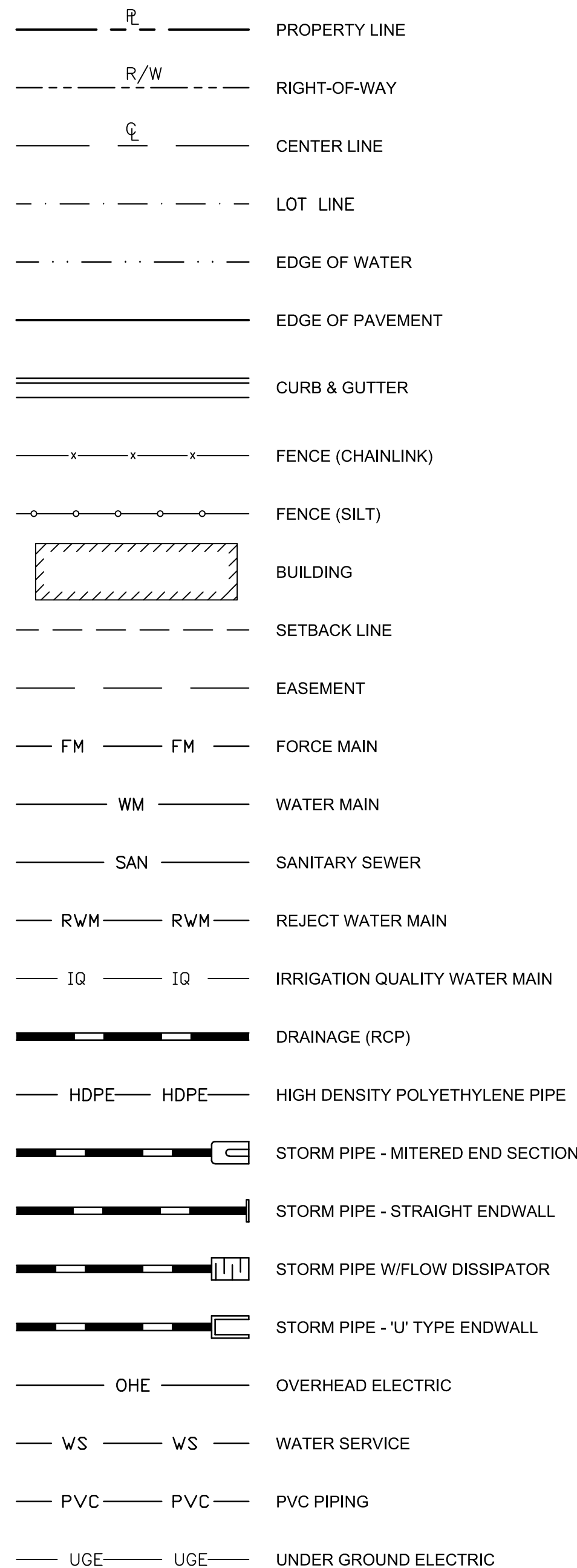
PIPE & FITTING SYMBOLS



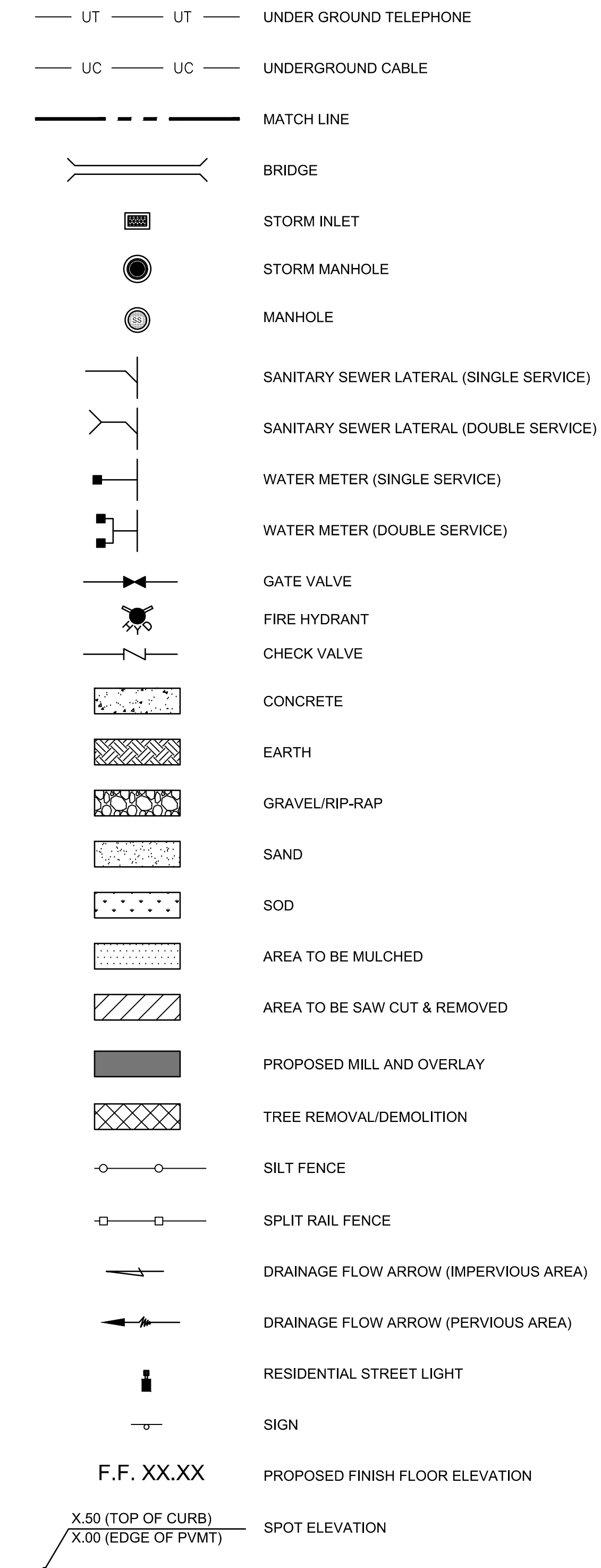
PIPE & FITTING SYMBOLS (CONT'D.):



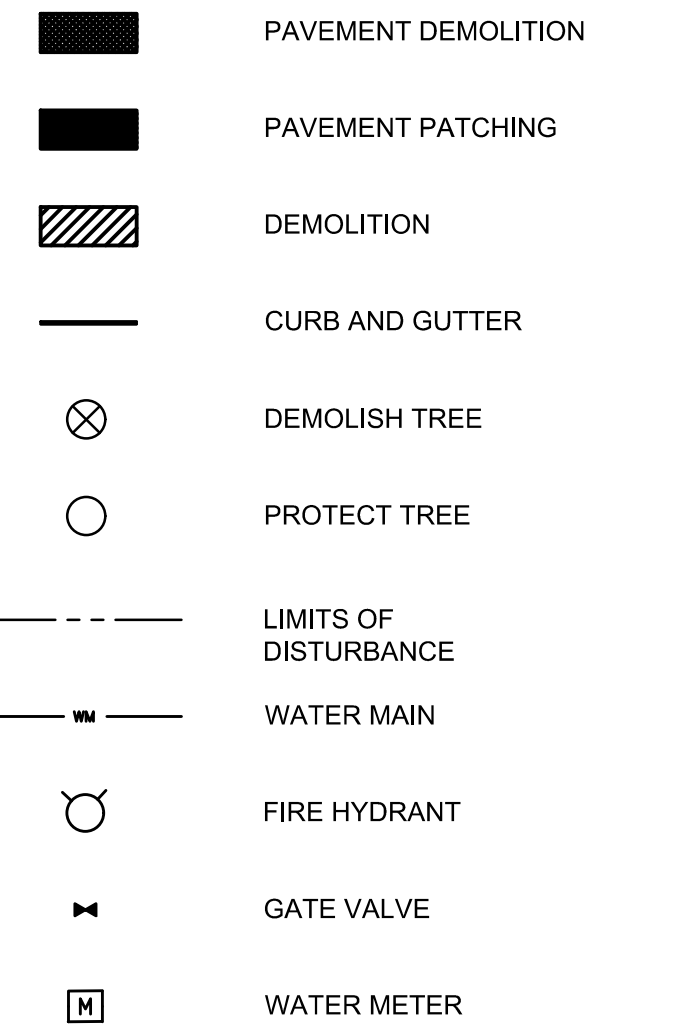
CIVIL LEGEND



CIVIL LEGEND (CONT'D.):



CIVIL LEGEND (CONT'D.):



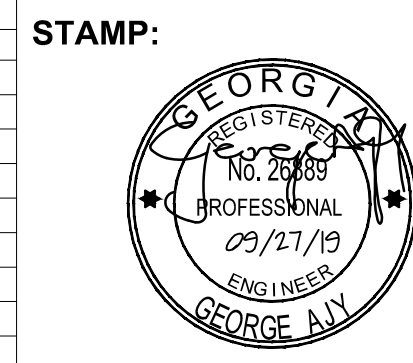
NOTES:

THIS IS A STANDARD LEGEND SHEET, THEREFORE SOME ABBREVIATIONS MAY NOT APPEAR ON THIS SHEET AND NOT ON THE DRAWINGS. SOME DRAWINGS MAY SHOW MINOR DEVIATIONS FROM STANDARD LEGEND SHEET.

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No.	Description	Date



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 (770) 569-7038 x101
 FAX: (770) 993-5082

PROJECT NO:	TASK_13
DESIGNED BY:	A.T.
DRAWN BY:	J.J.
CHECKED BY:	G.A.
DATE:	09/27/19
SCALE:	NONE

**CITY OF ATLANTA DEPT. OF WATERSHED MANAGEMENT
 WATER SUPPLY PROGRAM**
RIVER INTAKE PUMP STATION
 GENERAL LEGEND

DRAWING NO.
RI-PS
G-003
 SHEET OF

GENERAL NOTES

- ALL WORK SHALL COMPLY WITH THE CONTRACT DRAWINGS, SPECIFICATIONS, CITY OF ATLANTA DESIGN AND CONSTRUCTION STANDARDS, IN ADDITION TO APPLICABLE STATE, FEDERAL AND LOCAL CODES. ALL NECESSARY LICENSES AND PERMITS SHALL BE OBTAINED BY THE CONTRACTOR AT HIS OWN EXPENSE UNLESS PREVIOUSLY OBTAINED BY THE OWNER.
- THE SIZE, TYPE, MATERIALS, AND LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS IS BASED ON INVESTIGATIONS AND SURVEYS PERFORMED FOR DESIGN PURPOSES. SUBSURFACE UTILITY DATA SHOWN IS APPROXIMATE ONLY AND NO GUARANTEE IS MADE THAT ALL UTILITIES AND OTHER FEATURES ARE SHOWN ON THE PLANS. IF THE CONTRACTOR ENCOUNTERS SUBSURFACE CONDITIONS AT THE SITE MATERIALLY DIFFERENT FROM THOSE SHOWN ON THE PLANS, HE SHALL IMMEDIATELY NOTIFY THE OWNER AND ENGINEER.
- THE CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING UTILITIES AND CONTACT THE GEORGIA UTILITY PROTECTION CENTER AT PHONE NUMBER 811 FOR FIELD MARKING OF UTILITIES 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED BY THE UTILITY OWNER AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE AT NO ADDITIONAL COST TO THE OWNER.
- OVERHEAD UTILITIES ARE SHOWN SCHEMATICALLY ON THE DRAWINGS. SIZES, TYPE, VOLTAGE, HEIGHT OF CABLE, ETC. ARE NOT SHOWN. THE CONTRACTOR SHALL COMPLY WITH THE GEORGIA HIGH VOLTAGE SAFETY ACT (OCGA 46-3-30 THROUGH 46-3-40). THE CONTRACTOR SHALL VISIT THE SITE AND NOTE THE CONDITIONS REGARDING OVERHEAD UTILITIES PRIOR TO SUBMITTING HIS BID.
- THE FOLLOWING IS A LIST OF CONTACTS FOR UTILITIES THAT HAVE FACILITIES IN THE PROJECT AREA. THIS LIST IS BASED ON THE BEST INFORMATION AVAILABLE, BUT IS NOT GUARANTEED TO BE COMPLETE.
 GA POWER
 BUZ MERRITT
 CHEMICAL & PIPELINE ACCOUNT MANAGER
 GEORGIA POWER COMPANY
 770-621-2338
- ALL SIGNS, BILLBOARDS, MAILBOXES, LANDSCAPING, STORM DRAINS, CURBING AND/OR GUTTER, LAWNs AND OTHER GRASSED AREAS, AND FENCING DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE REMOVED AND REPLACED IN LIKE AND KIND BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER AND TO THE COMPLETE SATISFACTION OF THE OWNER OF THE DISTURBED ITEM. TRAFFIC CONTROL SIGNS AND MAIL BOXES SHALL BE REPLACED DAILY.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED GRAVEL, PAVED, OR CONCRETE ENTRANCES, DRIVEWAYS, AND APRONS TO PRECONSTRUCTION CONDITIONS (EXCEPT WHERE THE DRAWINGS CALL FOR CHANGES TO THE CONFIGURATIONS OF SUCH FEATURES) AND IN ACCORDANCE WITH APPLICABLE GDOT AND CITY OF ATLANTA STANDARDS AND REQUIREMENTS.
- SOD SHALL BE PLACED ON ALL ESTABLISHED TYPE LAWNs & OTHER IMPROVED WELL ESTABLISHED GRASS AREAS. ON UN-IMPROVED GRASS AREAS & EASEMENTS, SEEDING WILL BE ALLOWED WHEN APPROVED BY THE OWNER.
- INGRESS AND EGRESS TO ALL LOCATIONS AT THE PROJECT SITE SHALL BE MAINTAINED AT ALL TIMES. SITE ACCESS FOR THE OWNER, THE ENGINEER, TRASH PICKUP, MAIL AND PARCEL DELIVERY SERVICES, AND EMERGENCY VEHICLES SHALL BE MAINTAINED AT ALL TIMES.
- THE SURVEY FOR THIS PROJECT WAS PREPARED BY TERRAMARK USING TOPOGRAPHIC FIELD SURVEYING METHODS AND SUPPLEMENTED BY CITY GIS DATA.
- HORIZONTAL CONTROL IS BASED ON THE GEORGIA STATE PLANE COORDINATE SYSTEM, WEST ZONE (NAD 1983). VERTICAL CONTROL IS BASED ON THE NORTH AMERICAN VERTICAL DATUM (NAVD 1988).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL LINES AND GRADES REQUIRED FOR INSTALLATION OF THE PROPOSED WORK.
- THE CONTRACTOR SHALL MAINTAIN ALL BENCHMARKS, MONUMENTS AND OTHER REFERENCE MARKERS. THE CONTRACTOR SHALL RE-ESTABLISH ANY REFERENCE OR CONTROL POINT THAT IS DISTURBED OR DESTROYED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH SUITABLE BORROW MATERIAL FOR THE PROJECT.
- WHERE WET SUBGRADE IS ENCOUNTERED AND WHERE IDENTIFIED BY THE ENGINEER, THE CONTRACTOR SHALL MAINTAIN ALL EXCAVATIONS FREE FROM WATER AS REQUIRED TO PERFORM THE WORK OF THIS PROJECT. DEWATERING OPERATIONS SHALL BE PERFORMED AS NEEDED AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL OBSERVE ALL APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY REGULATIONS REGARDING PIPE INSTALLATION IN TRENCHES. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COST INCURRED TO COMPLY WITH THIS REQUIREMENT.
- THE CONTRACTOR SHALL ENSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR RE-GRADED AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN THE PLANS AND HAVING SPECIFIC ITEMS IN THE PAY ITEMS OR SCHEDULE OF VALUES. NO ADDITIONAL PAYMENTS WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
- A PRECONSTRUCTION CONFERENCE MUST BE HELD BETWEEN THE CITY, THE ENIGNEER, AND THE CONTRACTOR PRIOR TO COMMENCING WORK. IN ADDITION, THE CONTRACTOR SHALL NOTIFY THE OWNER 24 HOURS BEFORE BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL IMMEDIATELY INFORM ENGINEER OF ANY DISCREPANCIES OR ERRORS THAT HE/SHE DISCOVERS IN THE PLANS.

GENERAL NOTES (CONTINUED)

- A MINIMUM SEPARATION OF 3' SHALL BE MAINTAINED BETWEEN WATERLINES AND NON-POTABLE REUSE WATER LINES. AN 18" MINIMUM VERTICAL SEPARATION SHALL BE MAINTAINED AT CROSSINGS. WHEN CROSSING A WATERLINE, SEWER LINE, OR ANY OTHER PIPING, PIPE JOINTS SHALL BE PLACED AS FAR AWAY AS POSSIBLE FROM THE OTHER PIPE.
- ALL EARTHWORK OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF OSHA 29 CFR PART 1926, SUBPART P-EXCAVATIONS, LATEST REVISION.
- FLOOD PLAIN INFORMATION SHOWN ON THE PLANS IS BASED ON GEORGIA DFIRM No. 13067C0229H, EFF. 3/4/2013.
- THERE ARE NO WETLANDS DISTURBANCE WITHIN THE LIMITS OF DISTURBANCE OF THIS PROJECT.
- ALL WORK WITHIN STREAM BUFFERS ON THIS PROJECT SHALL COMPLY WITH THE REQUIREMENTS OF THE STREAM BUFFER VARIANCE ISSUED BY GA EPD FOR THIS PROJECT.
- ALL WORK SHALL BE CONDUCTED ON CITY OWNED PROPERTY AS SHOWN ON THE PLANS. ALL WORK SHALL ALSO BE CONFINED TO THE "LIMITS OF DISTURBANCE" NOTED ON THE PLANS.
- ALL SPOIL MATERIALS, REFUSE, AND DEBRIS SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF AT AN APPROPRIATE OFFSITE LOCATION. BURNING OF REFUSE, DEBRIS, OR SPOIL MATERIAL AT THE PROJECT SITE IS NOT ALLOWED.
- STORMWATER MANAGEMENT FOR THIS PROJECT IS PROVIDED ON SITE.
- THE DESIGN PROFESSIONAL, WHOSE SEAL APPEARS HEREON, CERTIFIES THE FOLLOWING: 1) THE NATIONAL WETLAND INVENTORY MAPS HAVE BEEN CONSULTED; AND, 2) THE APPROPRIATE PLAN SHEET [X] DOES/[] DOES NOT INDICATE AREAS OF UNITED STATES ARMY CORPS OF ENGINEERS JURISDICTIONAL WETLANDS AS SHOWN ON THE MAPS' AND, 3) IF WETLANDS ARE INDICATED, THE LAND OWNER OR DEVELOPER HAS BEEN ADVISED THAT LAND DISTURBANCE OF PROTECTED WETLANDS SHALL NOT OCCUR UNLESS THE APPROPRIATE FEDERAL WETLANDS ALTERATION ("SECTION 404") PERMIT HAS BEEN OBTAINED.
- THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED EXCEPT THOSE SPECIFICALLY ENUMERATED BELOW THAT WILL BE OBTAINED BY THE OWNER:
 - CITY OF ATLANTA SITE DEVELOPMENT PERMITS.
 - CITY OF ATLANTA BUILDING PERMITS.
 - EROSION AND SEDIMENT CONTROL PERMIT APPROVAL FROM THE LIA.
 - STREAM BUFFER VARIANCE FROM GA EPD.
 - MRPA.
 - CORP OF ENGINEERS FLOOD PLAIN APPROVAL.
- ALL BUFFERS AND TREE SAVE AREAS ARE TO BE CLEARLY IDENTIFIED WITH TREE PROTECTIVE FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
- ALL CONSTRUCTION TO COMPLY WITH CITY OF ATLANTA STANDARDS.
- NOTIFY THE OWNER AND ENGINEER 24 HOURS PRIOR TO BEGINNING OF EVERY PHASE OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE ALL PIPE FITTINGS AND BENDS AND APPURTENANT ITEMS REQUIRED TO INSTALL THE PROPOSED WATER MAIN WHETHER OR NOT SUCH ITEMS ARE SHOWN OR CALLED OUT ON THE PLANS. THESE ITEMS CAN INCLUDE, BUT ARE NOT LIMITED TO, PIPE FITTINGS AND BENDS, RETAINER GLANDS, PIPE SHORTS, CONCRETE BLOCKING AND ANCHORING, AND ALL OTHER LABOR, MATERIALS, TOOLS, AND INCIDENTALS REQUIRED TO COMPLETE THE PROPOSED PIPELINE INSTALLATIONS.
- THE CONTRACTOR IS ADVISED THAT FIELD ADJUSTMENTS WILL BE REQUIRED TO THE ALIGNMENT OF THE PROPOSED PIPELINE, TYPE AND LOCATION OF FITTINGS INSTALLED, AND THE LOCATIONS OF TEES, BENDS, HYDRANTS, AND OTHER APPURTENANCES TO BE INSTALLED BASED ON ACTUAL SUBSURFACE CONDITIONS AND LOCATIONS OF EXISTING BURIED UTILITIES ENCOUNTERED DURING CONSTRUCTION.
- THE 24-HOUR EMERGENCY CONTACT IS:

C. DENNIS PHILLIPS
 CITY OF ATLANTA CONSTRUCTION MANAGER
 OFFICE HOURS CONTACT NO.: (404) 546-3446
 AFTER HOURS CONTACT NO.: (678) 873-8400
- ALL SALVAGED MANHOLE COVERS, SALVAGED FIRE HYDRANTS AND ANY OTHER MATERIAL OWNED BY THE CITY, BUT REMOVED FOR THIS PROJECT, SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR.
- ALL PIPELINE SLEEVES, COUPLINGS, AND/OR CLOSURE PIECES REQUIRED TO COMPLETE THE PROJECT SHALL BE INCLUDED IN THE BID AT NO ADDITIONAL COST TO THE OWNER.
- INTERRUPTION OF WATER SERVICE, POWER, OR OTHER UTILITY SERVICE TO THE CITY LAB BUILDING ON SITE AT ANY POINT DURING CONSTRUCTION IS PROHIBITED.

CONSTRUCTION SEQUENCING AND CONNECTION NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF CONSTRUCTION SEQUENCING AND PHASING.
- THE FOLLOWING SUGGESTED SEQUENCE OF CONSTRUCTION CONTAINS GENERAL REQUIREMENTS, AND SUGGESTED DETAILED SEQUENCING REGARDING SEQUENCING OF THE WORK. THE CONTRACTOR SHALL MAKE REVISIONS BASED ON CONDITIONS ENCOUNTERED DURING CONSTRUCTION SO AS TO COMPLETE THE PROJECT IN A TIME EFFICIENT MANNER.
- SUGGESTED SEQUENCE OF CONSTRUCTION:
 - KICKOFF MEETING
 - SUBMIT SCHEDULE OF VALUES AND CONSTRUCTION SCHEDULE FOR REVIEW BY OWNER AND ENGINEER PRIOR TO KICKOFF MEETING.
 - MOBILIZE TO SITE.
 - PERFORM SITE PREPARATION INCLUDING CLEARING, GRADING, EROSION AND SEDIMENT CONTROLS, SITE DEMOLITION, ESTABLISHING TEMPORARY PARKING, STAGING AREAS, TRAILER SET UP, TEMPORARY UTILITY INSTALLATIONS AS NEEDED.
 - PERFORM PROJECT CONSTRUCTION OF GRIT REMOVAL SYSTEM STRUCTURE, PUMPS, PIPING, VALVING, ELECTRICAL AND INSTRUMENTATION SYSTEMS, DUCTBANK INSTALLATION, SITE GRADING, DRIVEWAY, LIGHTING, RETAINING WALLS, FINISHED GRADING, AND PERMANENT STABILIZATION. EXACT SEQUENCING IS THE RESPONSIBILITY OF THE CONTRACTOR.
 - COORDINATE ELECTRICAL TIE-IN IN RIVER INTAKE PUMP STATION ELECTRICAL BUILDING WITH THE CITY.
 - COMPLETE FINAL CIVIL SITE WORK, STORMWATER SYSTEM INSTALLATIONS, GRADING, ASPHALT AND DRIVEWAY CONSTRUCTION, PAVEMENT STRIPING, AND RETAINING WALL CONSTRUCTION.
 - INSTALL ALL PERMANENT EROSION AND SEDIMENT CONTROLS AND STORMWATER BMP'S. UPON ESTABLISHING FINAL AND PERMANENT STABILIZATION, REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.
 - PERFORM START UP TESTING WHEN ALL SYSTEMS ARE COMPLETE. PLACE NEW FACILITIES INTO OPERATION UPON SUCCESSFUL COMPLETION OF START UP TESTING.
 - PERFORM PUNCHLIST INSPECTIONS AND ADDRESS ALL ITEMS TO THE SATISFACTION OF THE OWNER. UPON COMPLETION OF PUNCHLIST ITEMS, ALL RETAINAGE WILL BE RELEASED AND FINAL PAYMENT MADE TO THE CONTRACTOR.
 - SUBMITTALS AND SHOP DRAWINGS SHALL BE PROVIDED TO THE ENGINEER WITH ADEQUATE REVIEW TIME IN ADVANCE OF THE PHASES OF WORK TO WHICH THEY ARE RELATED. NO TIME EXTENSIONS OR ADDITIONAL PAYMENTS WILL BE APPROVED DUE TO LATE SUBMITTALS TO THE ENGINEER.

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No.	Description	Date

STAMP:

ADDRESS:
 BGR2-JV
 6 CONCOURSE PARKWAY
 SUITE 1600
 ATLANTA, GA 30328
 (770) 569-7038 x101
 FAX: (770) 993-5082

PROJECT NO:	TASK_13
DESIGNED BY:	A.T.
DRAWN BY:	J.J.
CHECKED BY:	G.A.
DATE:	09/27/19
SCALE:	NONE

CITY OF ATLANTA DEPT. OF WATERSHED MANAGEMENT
WATER SUPPLY PROGRAM

RIVER INTAKE PUMP STATION

GENERAL NOTES

DRAWING NO.	RI-PS
	G-004
SHEET OF	

ISSUED FOR BIDDING