

CHATHAM COUNTY PURCHASING & CONTRACTING DEPARTMENT

ADDENDUM NO. 4 TO 11-0019-4

**FOR: CHATHAM COUNTY OGLETHORPE BUILDING RENOVATIONS**

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**PLEASE SEE THE FOLLOWING FOR ADDITIONS, CLARIFICATIONS AND/OR CHANGES:**

**SEE ATTACHED SHEETS FOR RESPONSES TO QUESTIONS, ADDITIONS AND APPROVALS ( 4 PAGES)**

**SEE ATTACHED REVISED PLAN SHEETS ( 5 SHEETS)**

**NOTE: THIS WILL BE THE FINAL ADDENDUM FOR THIS PROJECT. NO FURTHER QUESTIONS WILL BE ACCEPTED.**


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**THE BID TIME / DATE REMAINS :  
3PM, NOVEMBER 10, 2011.**

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**THE PROPOSER IS RESPONSIBLE FOR MAKING THE NECESSARY CHANGES AND MUST ACKNOWLEDGE RECEIPT OF ADDENDUM.**

10-31-11  
DATE

  
ROBERT E. MARSHALL  
SENIOR PROCUREMENT SPECIALIST  
CHATHAM COUNTY

**BID NO. 11-0019-4**

**CHATHAM COUNTY OGLETHORPE BUILDING RENOVATIONS**

**ADDENDUM 4**

**PLAN SHEET REPLACEMENTS:**

The following plan sheets are to be replaced with the *revised* plan sheets (dated 10/27/11) attached to this addendum.

**C001, C002, C003, C004, & C005**

**RESPONSES TO RECEIVED QUESTIONS:**

1.(Q) Are there any liquidated damages on this job?

(A) *No.*

2. (Q) Are Davis Bacon wages required on this job?

(A) *No. There are no Federal funds on this project.*

3. (Q) Who is responsible for costs associated with the building permit? If the GC is responsible, what is the cost?...Are there any impact fees or any other required permits or fees that the GC is required to include?

(A) *It is the County's responsibility.*

4. (Q) Who is responsible for costs associated with the independent materials testing?

(A) *It is the County's responsibility.*

5. (Q) Does a preliminary construction schedule need to be with the bid?

(A) *Yes.*

6 (Q) Who is responsible for costs associated with the temporary utilities (water & power)? Who is responsible for costs associated with the final power?

(A) *Refer to specification section 015000.*

7. (Q) Is the 30% M/WBE goal a required minimum percent to use, or is this a goal to, if achieved as long as good faith efforts are in place?

(A) *Reference paragraphs 2.21 thru 2.23 of General Conditions.*

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8. (Q) Per sheet A202/ note 10, we are to purchase the "Knox Box" from the owner. Can you provide the cost for this box?

(A) *The GC needs to contact Savannah Fire for this information.*

9. (Q) Is the solid surface window sills required at all existing windows (existing and new), as per detail A14 / A001?

(A) *Only on new windows as detailed.*

10 (Q) I need to know if there are any fire alarms specs of this job and is there an existing fire alarm system in the building. If there is an existing fire alarm, what brand and model is it?

( A). *There is an existing fire alarm system, but it is being completely demolished and not reused. There is a fire alarm system specification for project; Section 283100 - Fire Detection and Alarm System*

11. (Q) The fuel oil line are specified in section 231113, the fuel oil storage tank is specified in 231313, but are shown on the plumbing drawings. Are they furnished by the plumber?

(A) *Condensate lines, fuel oil lines and fuel storage tank are required to be provided by the GC. How the GC decides to allocate the work to their subcontractors in their responsibility.*

12. (Q) The interior storefront - the drawings detail a 1 3/4" x 4 1/2" (YES 45FS) system, but the specs call for a 1 3/4" x 4" (YES 40FS) Please clarify which system you want.

(A) *Use YKK YES 40FS as basis of design.*

13. (Q) The interior storefront spec calls for a wide stile door (YKK 50D) with a 1 3/4" stile under the entrances, but you list a 40M monumental door un Basis of Design which has a 2" stile. Please clarify which door you want.

(A) *Architect requires a minimum 1 3/4" thick with a 4" wide stile door.*

14. (Q) There is a spec section for an all glass entrance & storefront, but we do not see an all glass entrance on the drawings. Is there to be one?

(A) *Specification 084126 requires "All glass sidelights" which are noted on the first floor at Tax Commissioner and Board of Assessors spaces.*

15 (Q) I need to know if all existing buss duct system is going to be used in its entirety, or do they need new electrical equipment to be added to the existing system. I am not clear on this and panel MDP is shown as existing . Please advise.

(A) *Existing buss duct system and tap switch shall be re-used.*

#### **ADDITIONAL CLARIFICATIONS/ INFORMATION:**

1. Gamewell (by Honeywell) is an acceptable manufacture of fire alarm system for this project.

2. Reduced press zone type of backflow preventor for Domestic water service shall be a Wilkins 475V.

3. Light fixture (luminaire) symbol A may be Metslux #2RD1 series and symbol B may be Metalux #2RD1 series having double switching capability. Emergency ballast is not required for either luminaire. Other features shall match those of the originally specified Neo-Ray luminaire.
4. Drawing P 101: Connect a 2" vent to lift station in Room 131 and to existing vent in column at column line 2-D.
5. Drawing P101: Detail A. Invert elevation of waste entry into lift station shall be changed to read 36.5 ft +/-
6. **NOTE:** Contractor will be required to submit for an encroachment permit for the work along Jefferson Street.

### **Lighting Substitution Requests / Approvals**

Sheet E102: Subject to all requirements of the Basis of Design, the following fixtures are approved as equals to the Basis of Design fixtures listed in the Lighting Schedule:

#### Fixture Type

- A: Day-Bright Lighting - Ariosio Louver 2x4  
Lightolier - Alter Louver QVS Series  
Metalux - Ovatiobn RDI Series
- B: Day-Bright Lighting - Ariosio Louver 2x4  
Lightolier - Alter Louver QVS Series  
Metalux - Ovatiobn RDI Series
- F: Thomas Lighting - Indoor Fluorescent SL7116678  
Lightolier - Vanity Light VL Series
- K: Omega Lighting - Spex S626  
Lightolier - Calculite CS Series
- L: Omega Lighting - Spex S826  
Lightolier - Calculite CFL Series
- M: Day-Bright Lighting - Standard Strip  
Lightolier - Standard Strip SW Series
- N: Day-Bright Lighting - Stairwell Luminaire
- P: Day-Bright Lighting - Ariosio Essence 2x4  
Linear Lighting - Ambiance CB Series

Q: Day-Bright Lighting - Compact Fluorescent Vaporlets  
ExceLine - Kaleidoscope Vaportite Series

T: Thomas Lighting - Covington 1-light Outdoor Wall Lantern

U: Day-Bright Lighting - 4' Vaporlume Wet Location Industrial  
Lightolier - Sealatron STW Series

V: A - Light - Accolade series

EX: Lightolier - LG Series

EX, EX1, EX2: Philips - Chloride Systems

### **RESPONSES TO QUESTION ON FLOORING AT STEPS:**

1. Reference sheet ID101 for patterns on ramps and steps and requirements for special materials on floor surfaces.
2. Cash Room ramp 108 is to receive CPT-1; Cash Room steps 108 is to receive rubber tread nosing and CPT-1 on treads and risers.
3. Corridor 142 steps are to receive CT-3 on both risers and steps aligned with pattern on floor.
4. Pre-trial 130 steps are to receive rubber tread nosing and CPT-1 on treads and risers.
5. Ramp 101 receives CT-5 in pattern illustrated on ID101 sheet.

### **SPECIFICATION CHANGE:**

Specification 263213 PACKAGED ENGINE GENERATOR ASSEMBLY

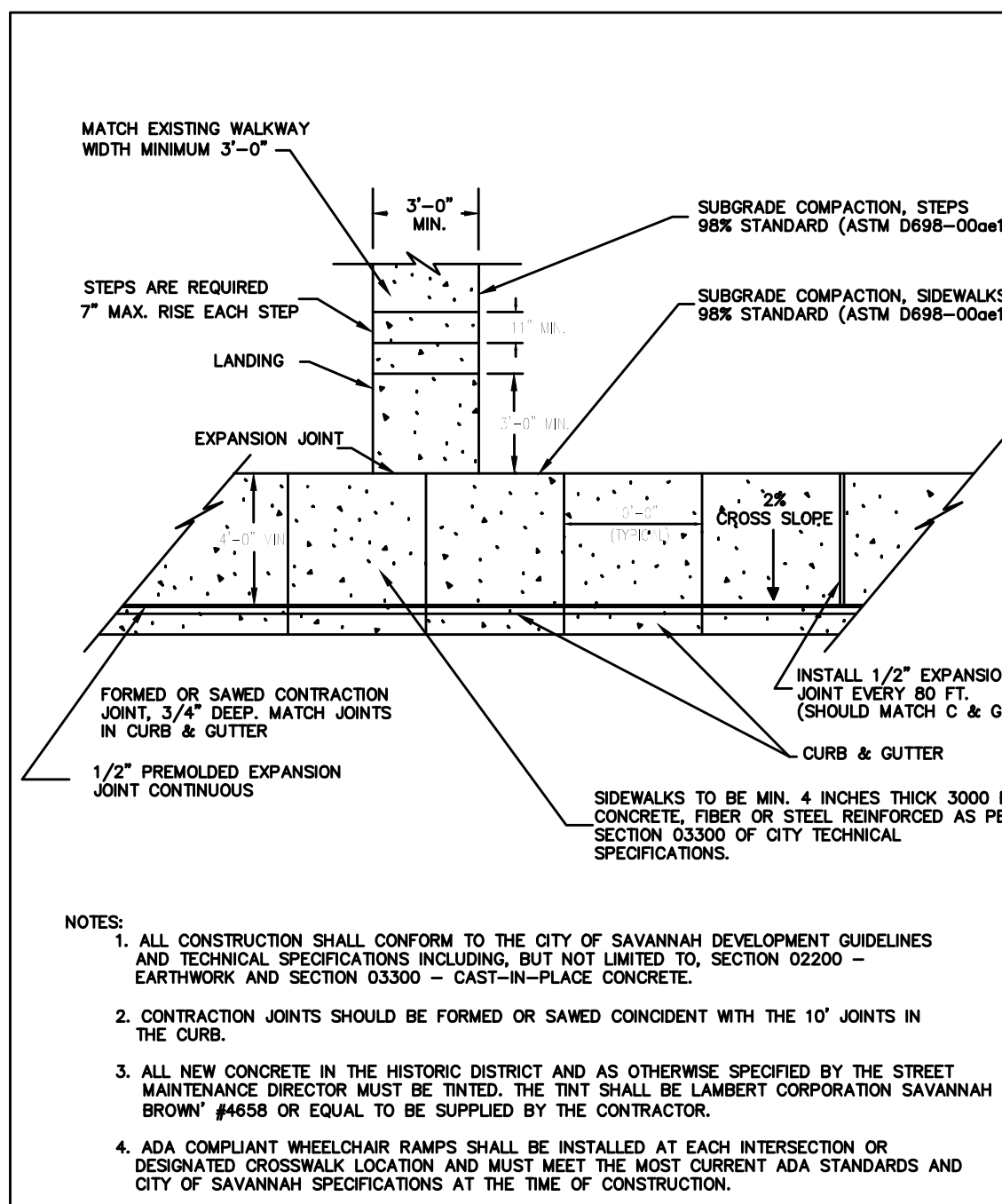
Section 2.3 GENERATOR /EXCITER

Paragraph A. Change "One phase four pole..." to read "Three phase four pole..."

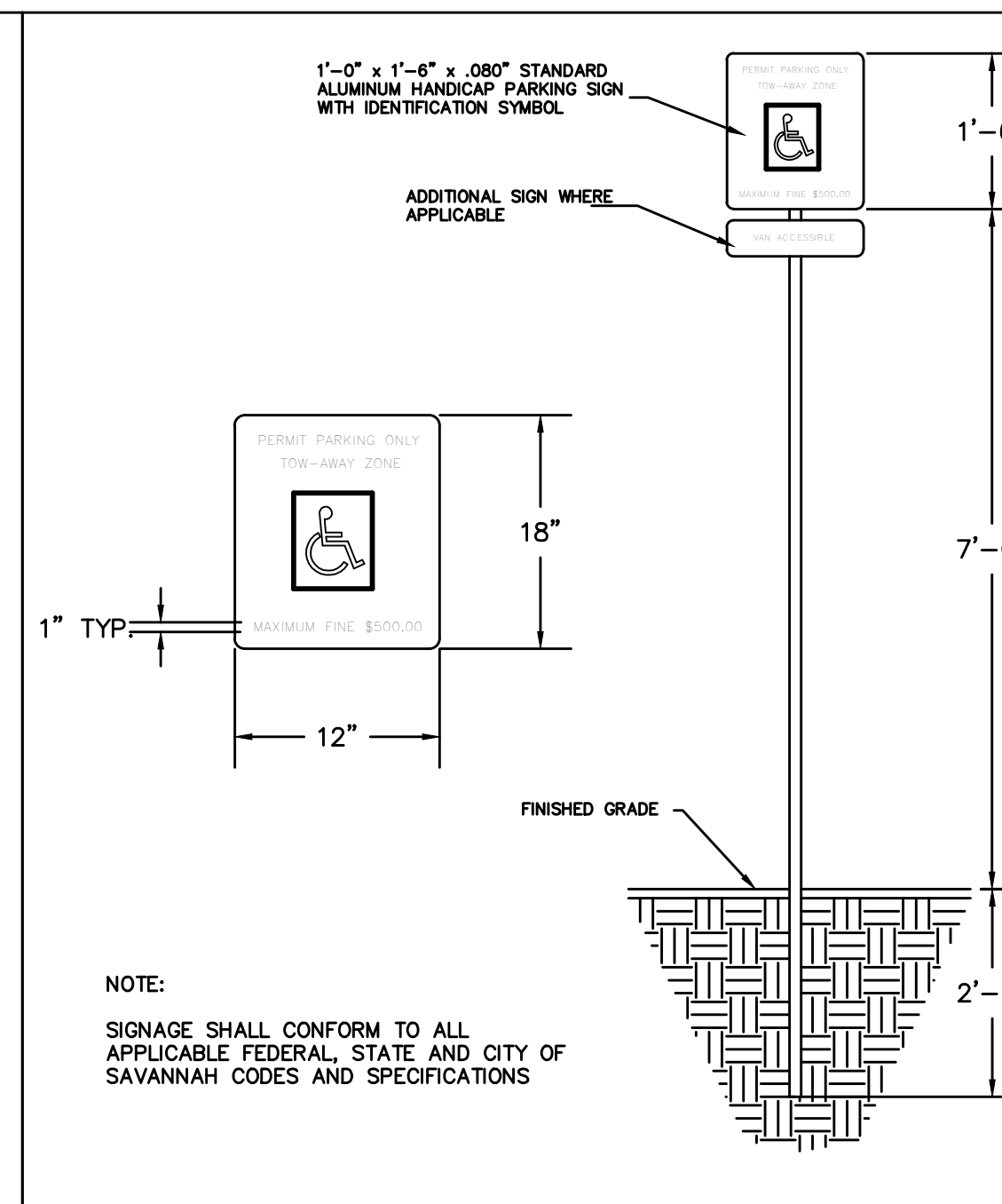
Paragraph B. Change "...240/120V/3P/4W..." to read "...480/277V/3P/4W..."

End of Addendum 4

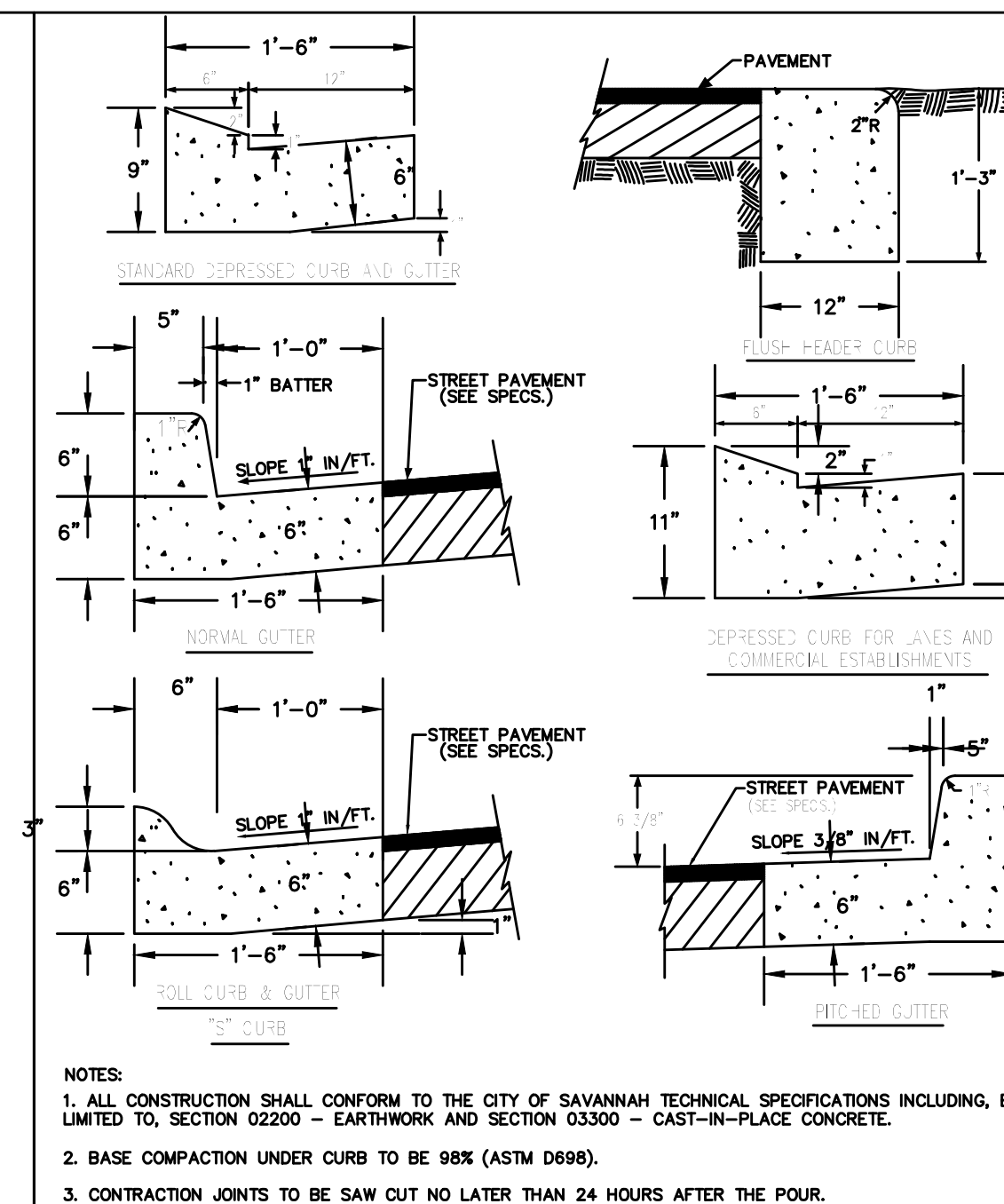




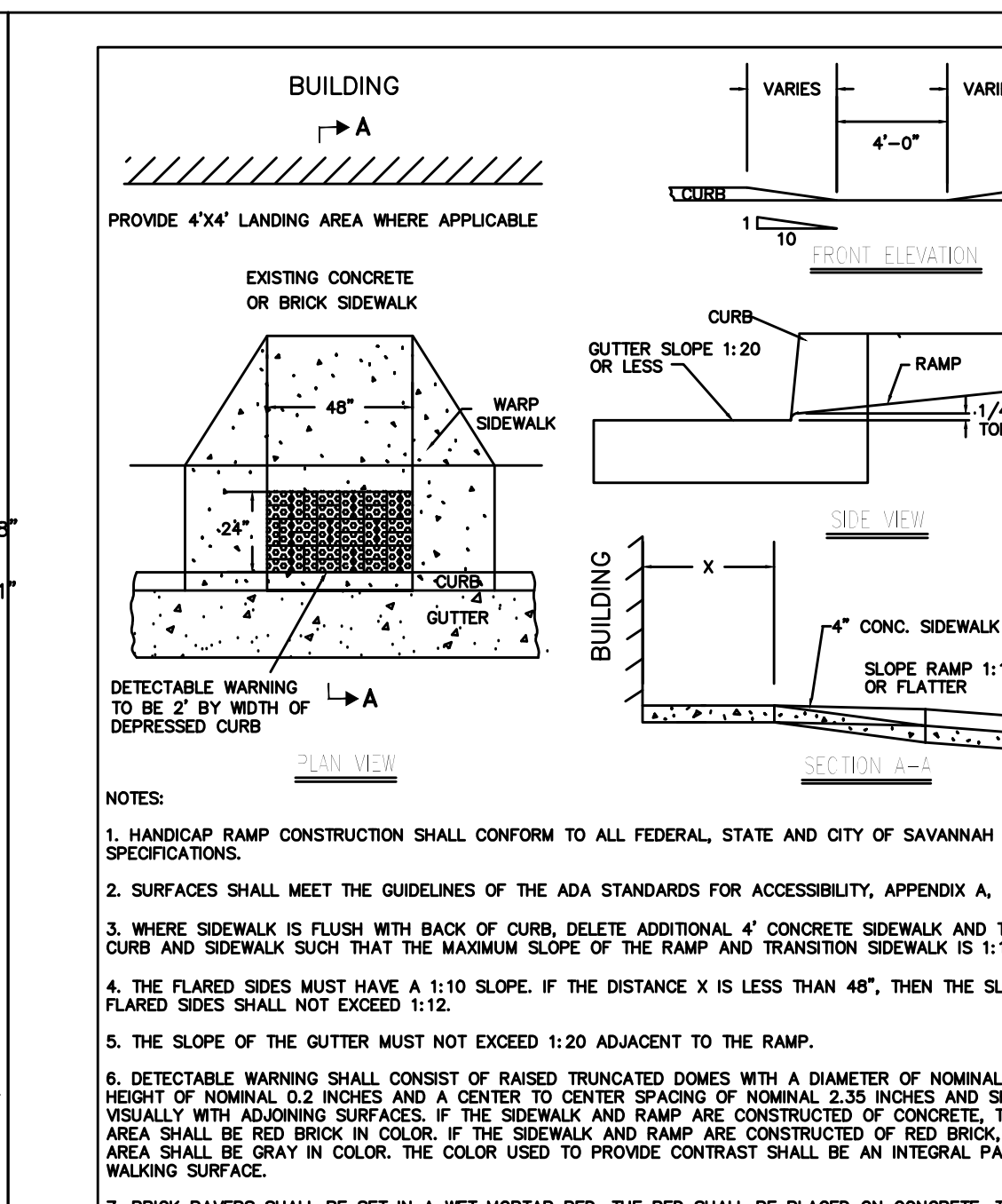
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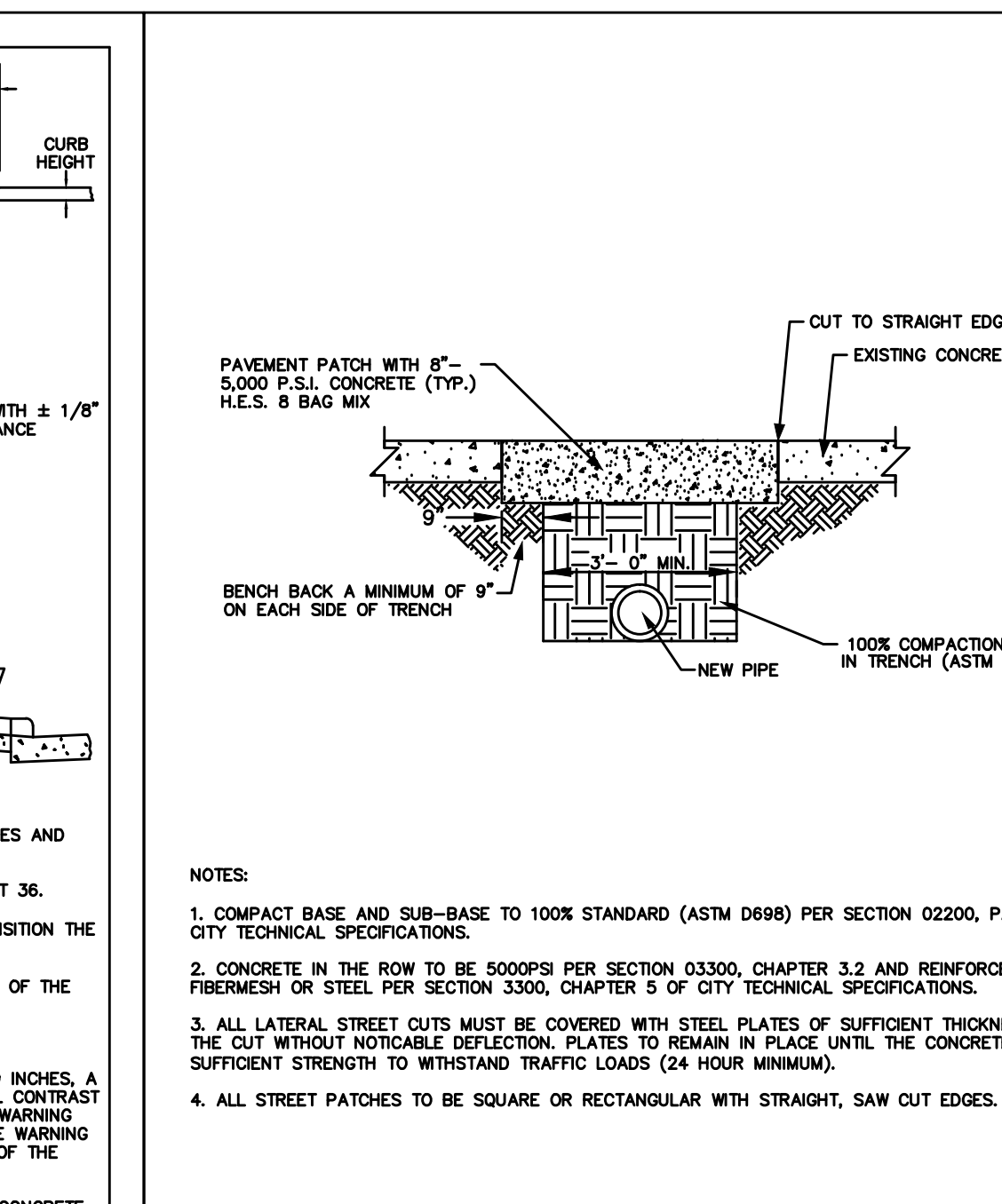
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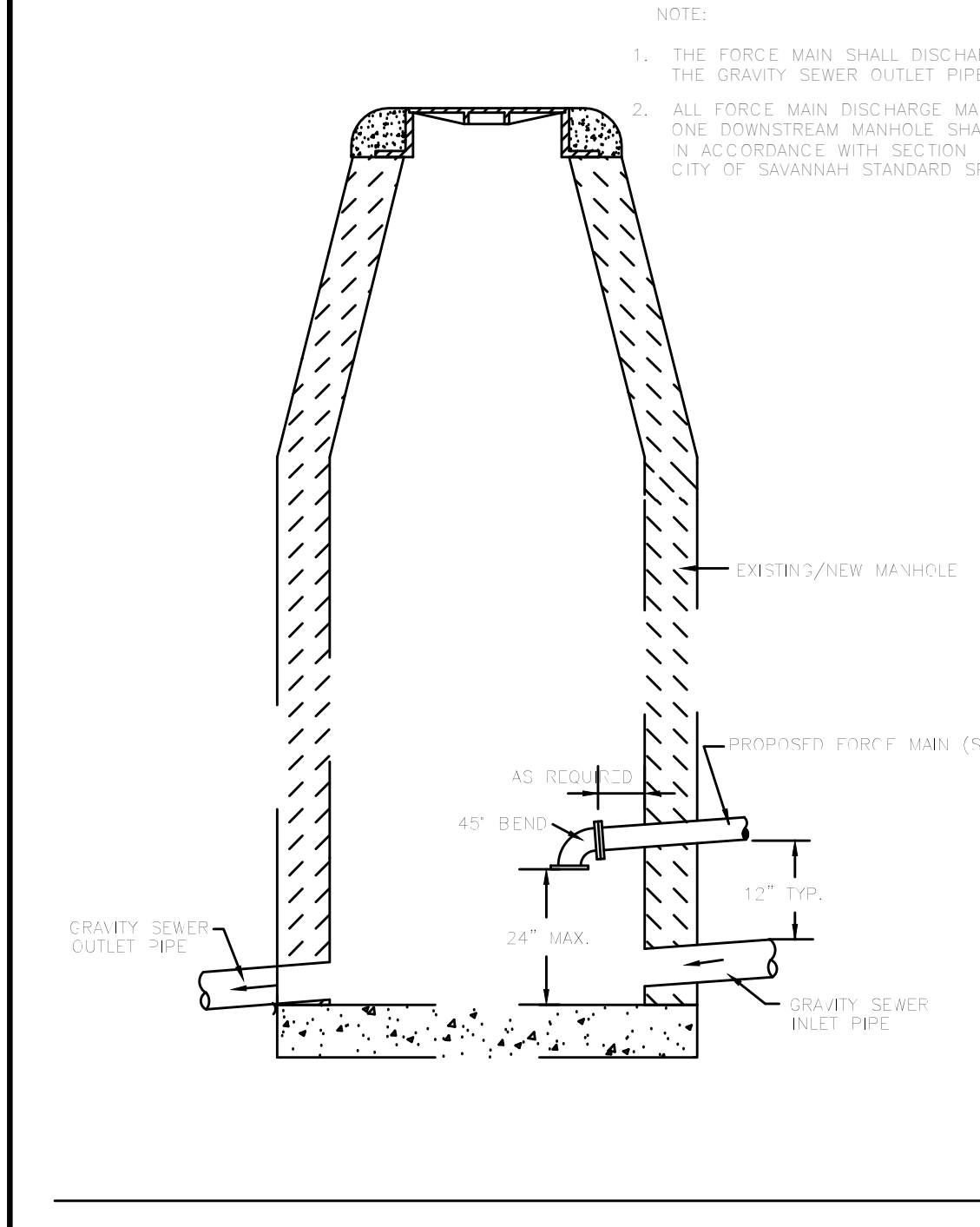
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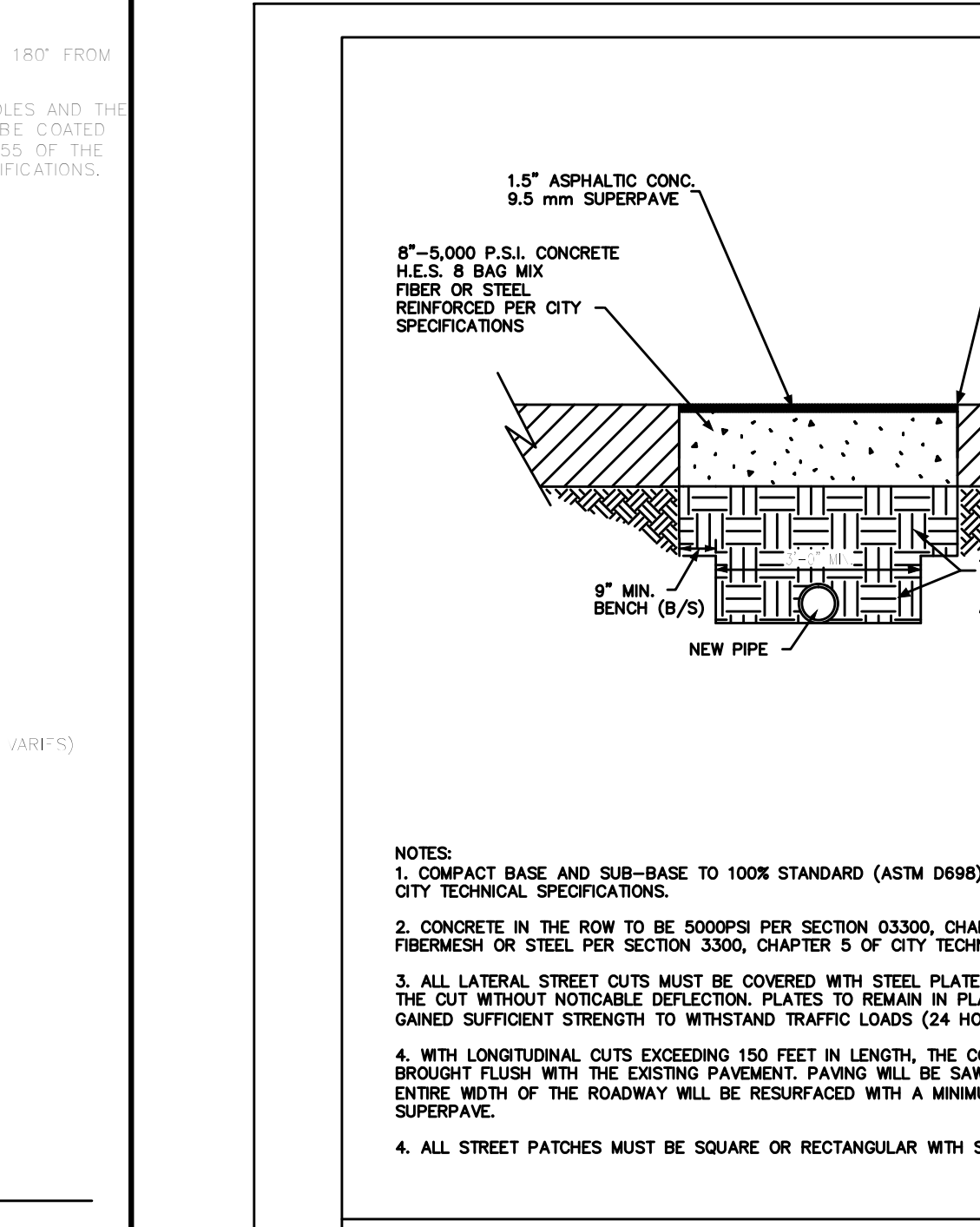
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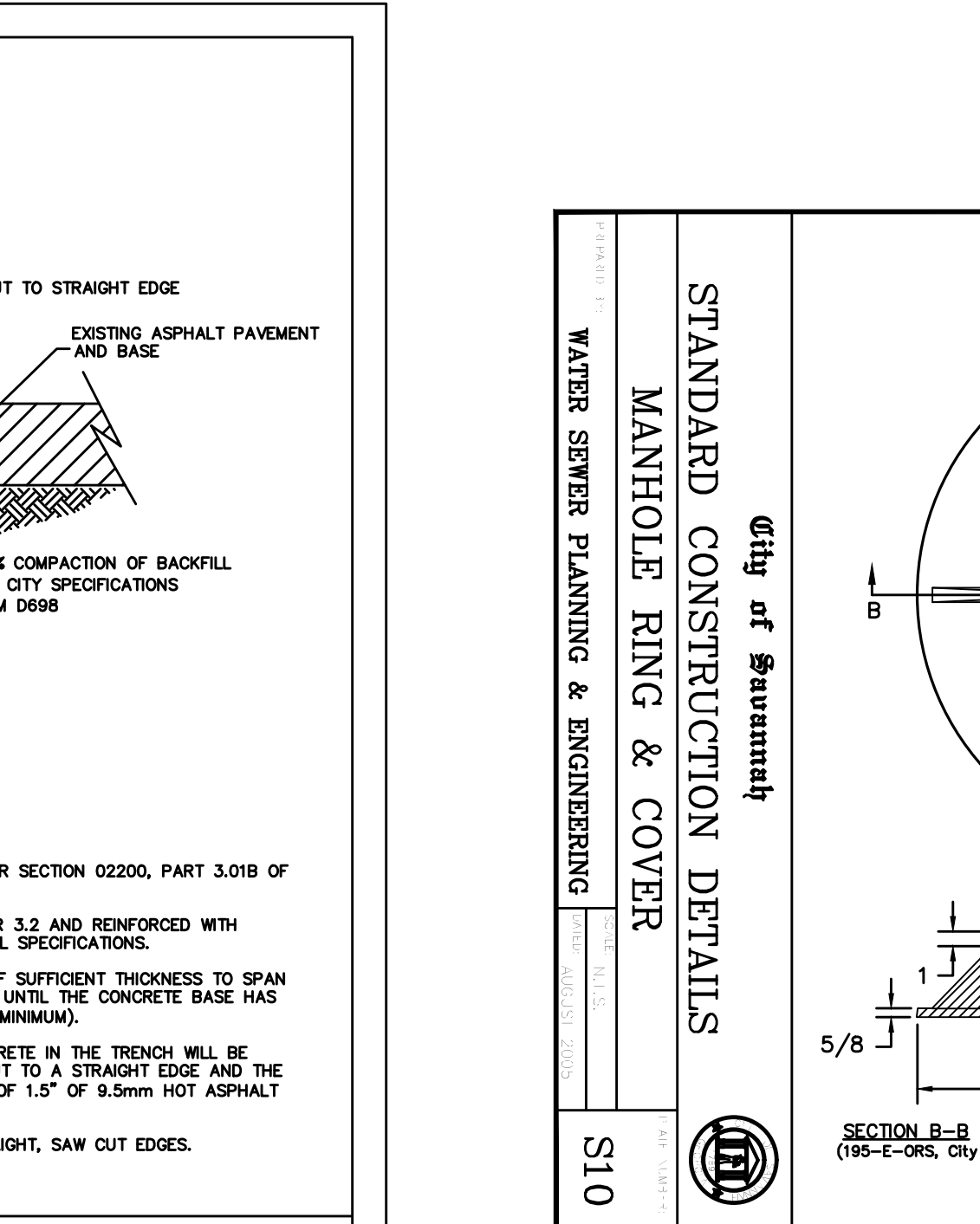
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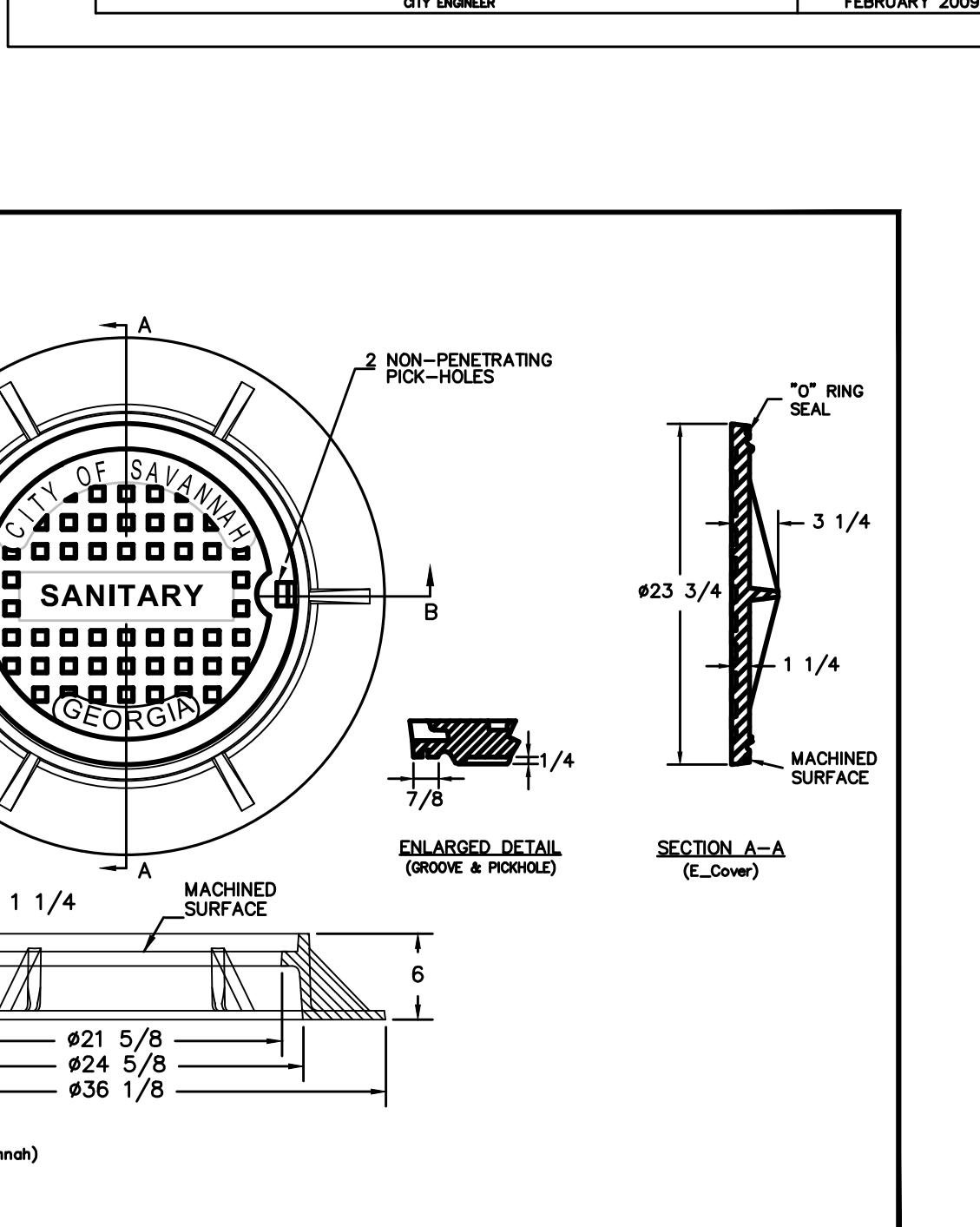
City of Savannah  
STANDARD CONSTRUCTION DETAILS  
FORCE MAIN TIE-IN TO EXISTING/NEW MANHOLE  
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PLATE NUMBER: S8



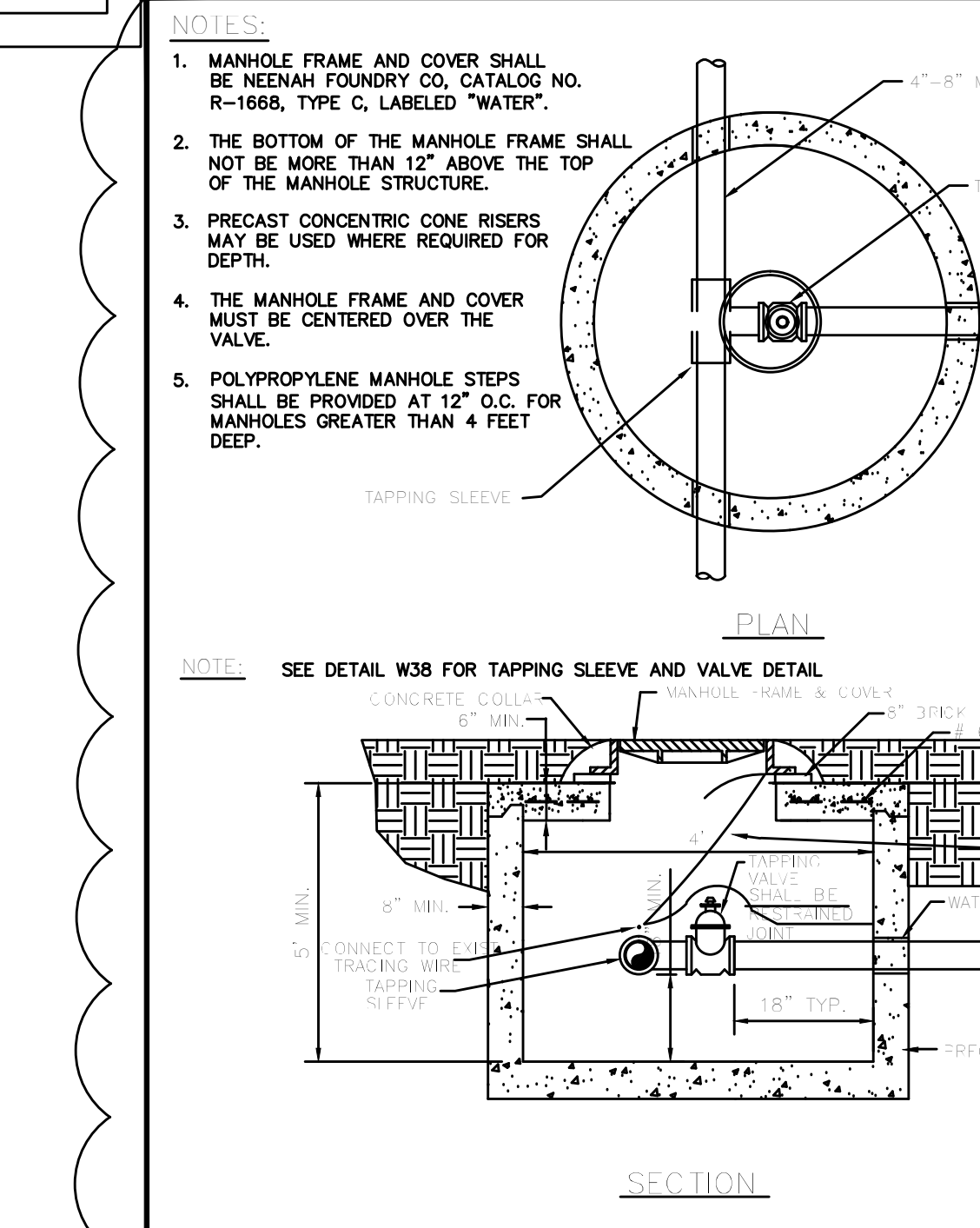
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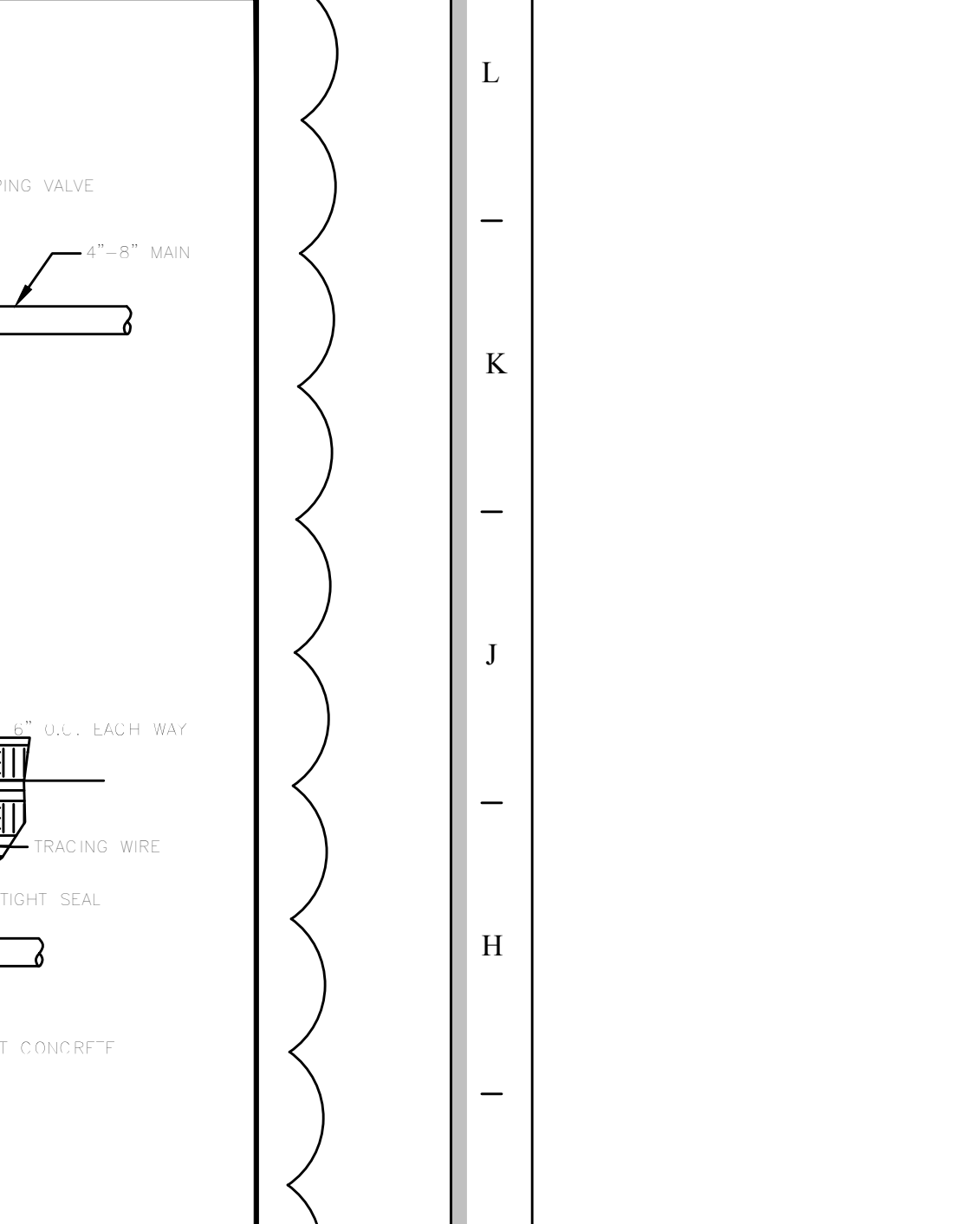
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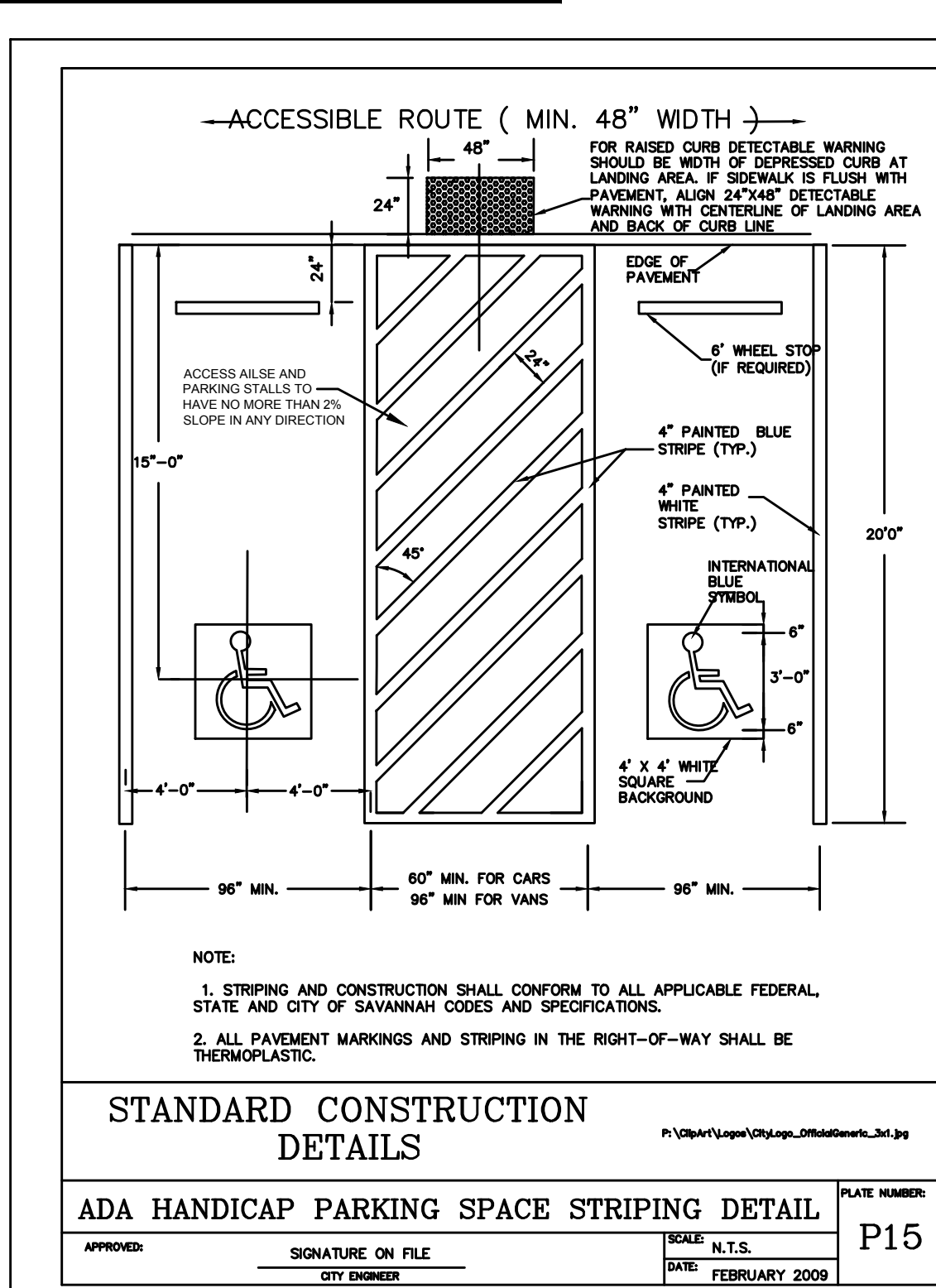
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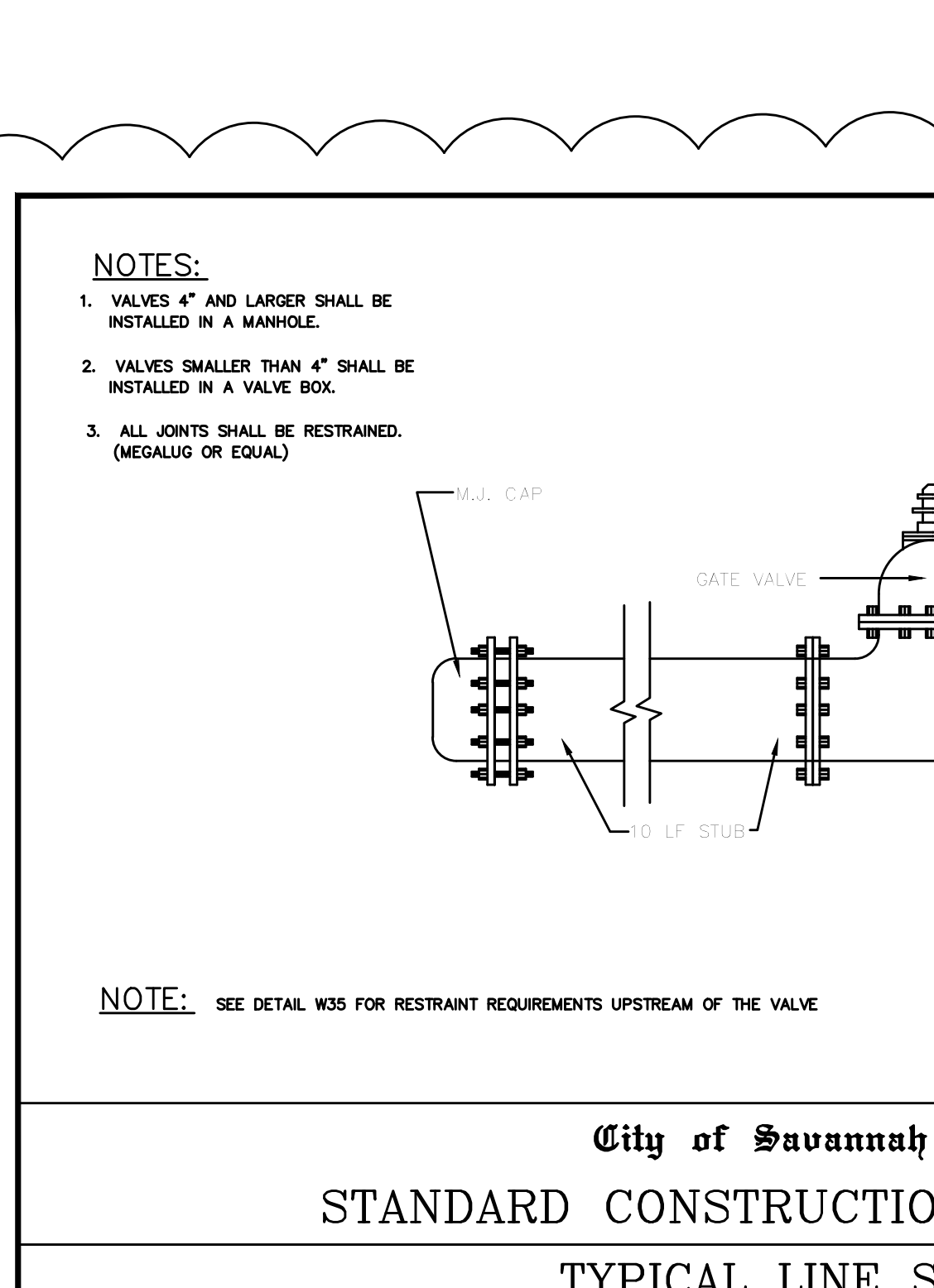
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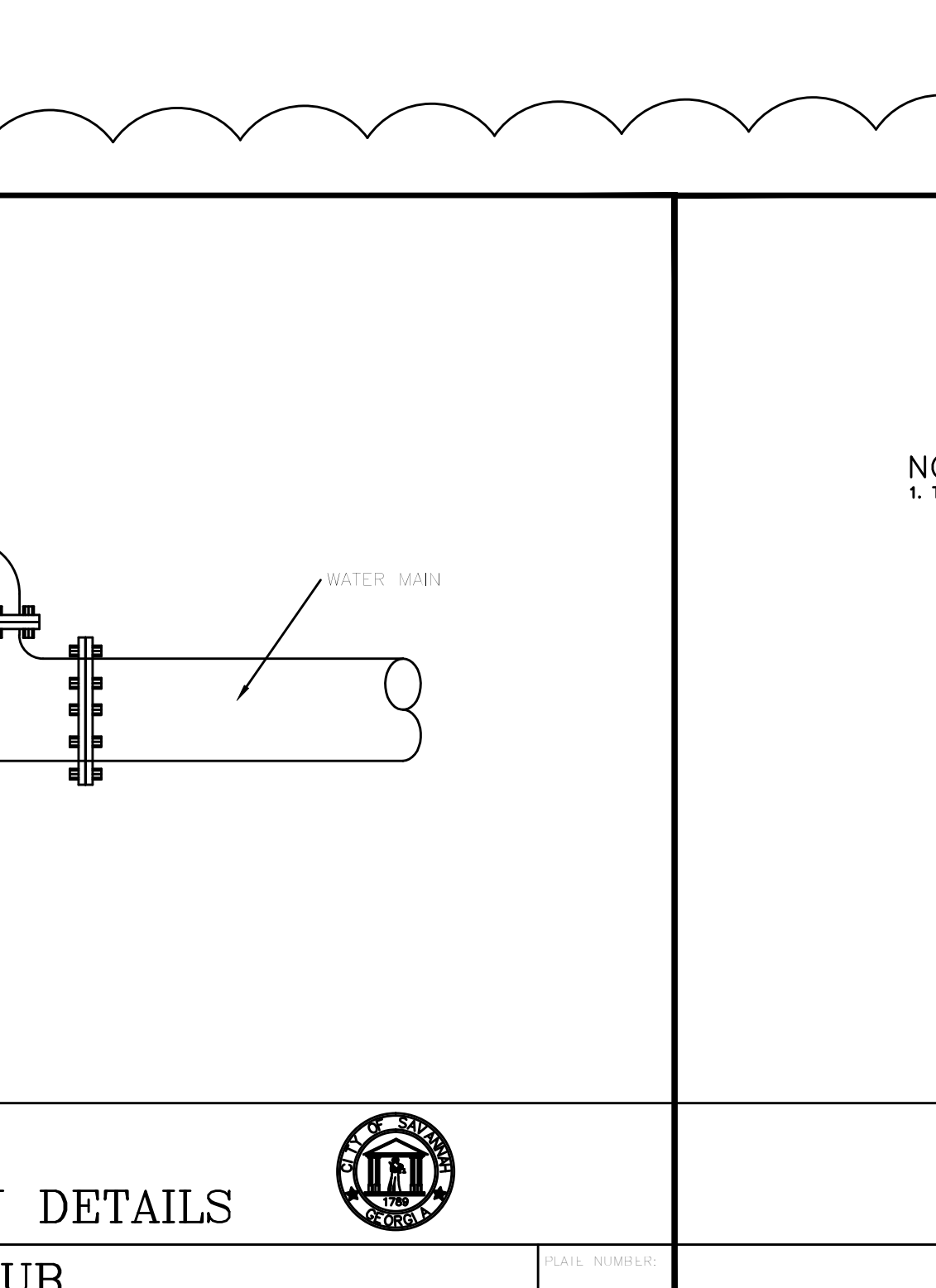
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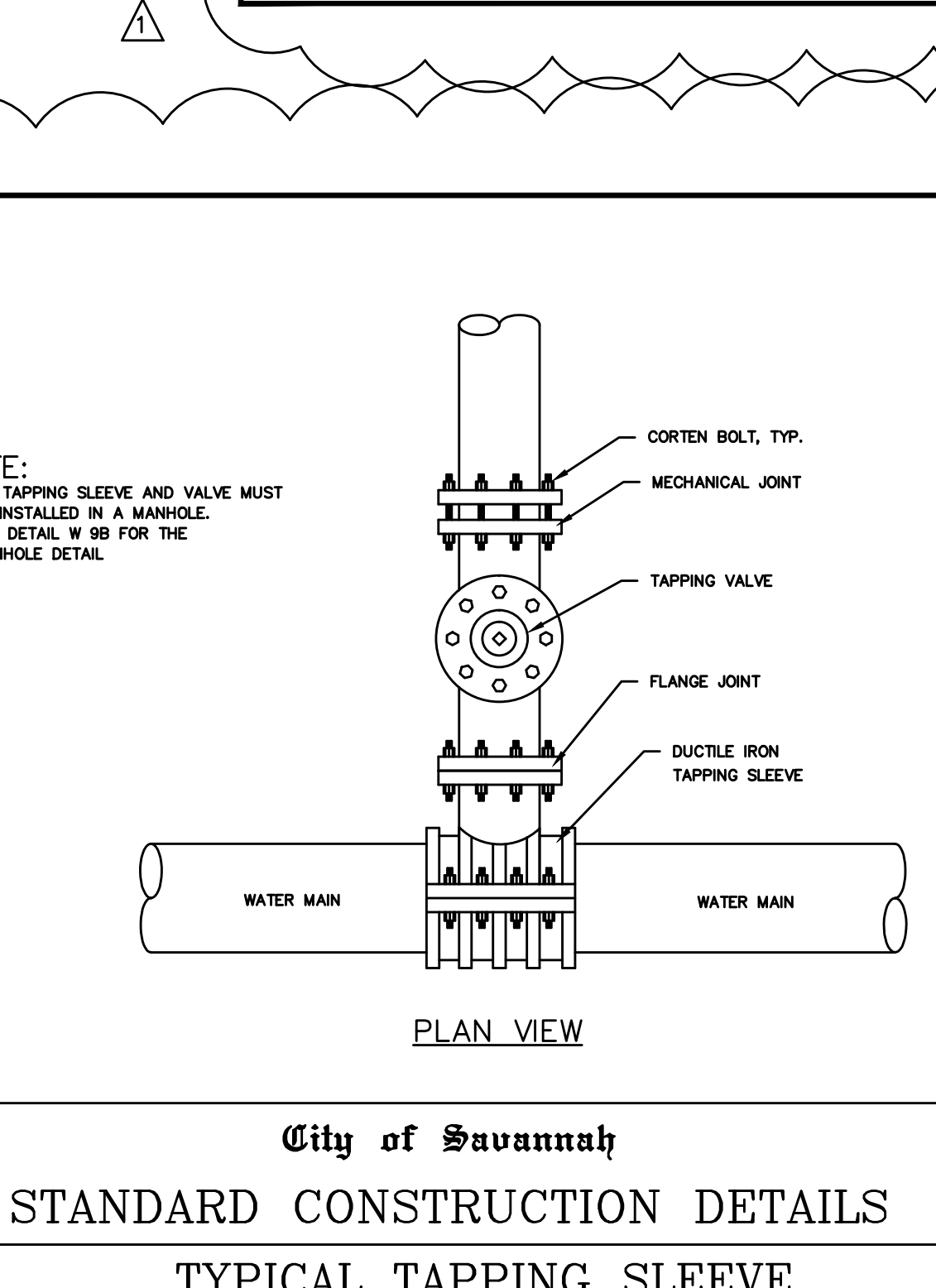
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ADA HANDICAP PARKING SPACE STRIPING DETAIL  
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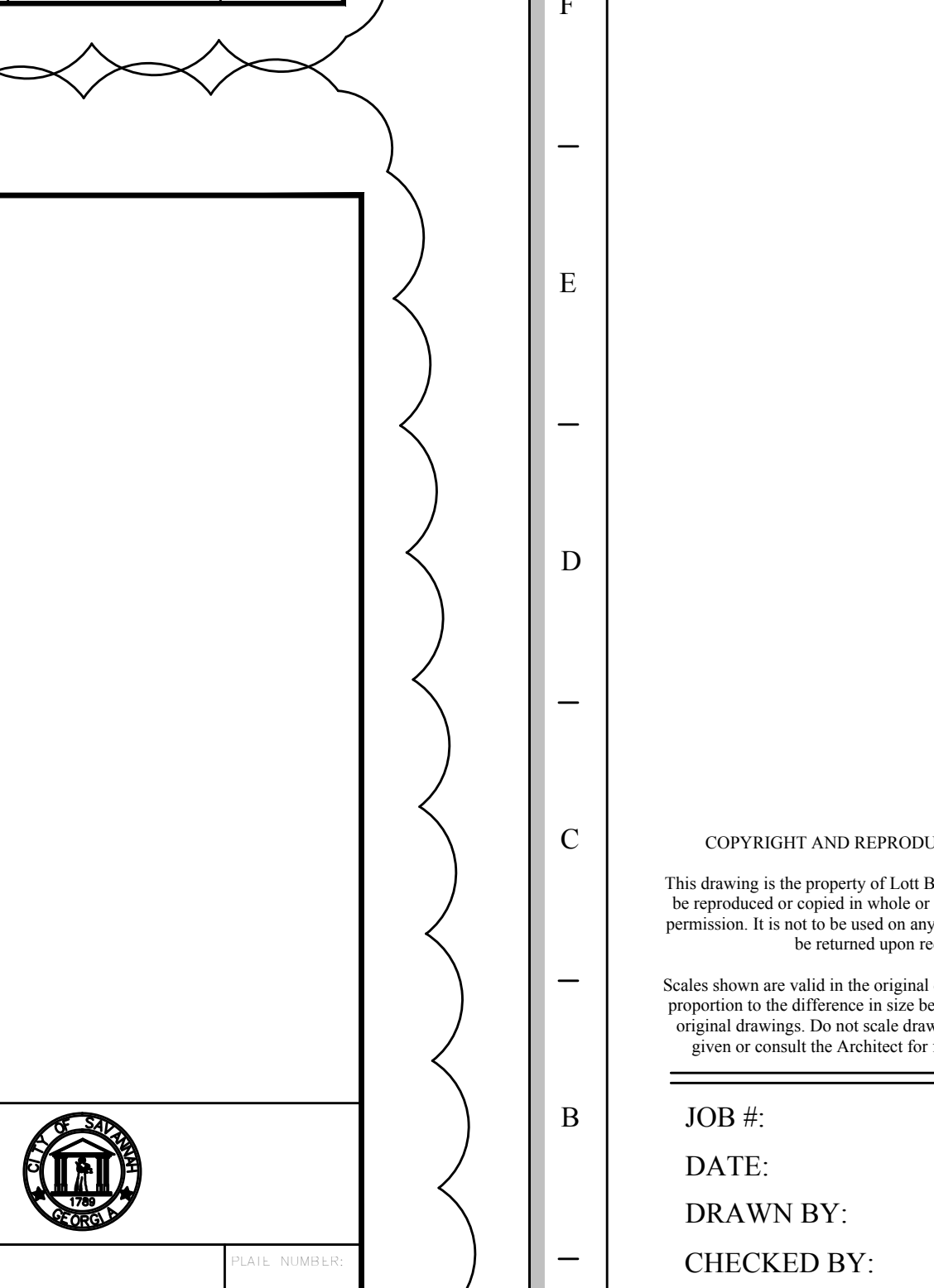
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PLATE NUMBER: W39



STANDARD CONSTRUCTION DETAILS  
TYPICAL TAPPING SLEEVE  
APPROVED: [Signature] DATE: FEBRUARY 2009  
SCALE: N.T.S.  
PLATE NUMBER: W38



STANDARD CONSTRUCTION DETAILS  
TYPICAL TAPPING SLEEVE  
APPROVED: [Signature] DATE: FEBRUARY 2009  
SCALE: N.T.S.  
PLATE NUMBER: W38



STANDARD CONSTRUCTION DETAILS  
TYPICAL TAPPING SLEEVE  
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#	Revision Description	Date
1	ADDENDUM #3	10/27/2011

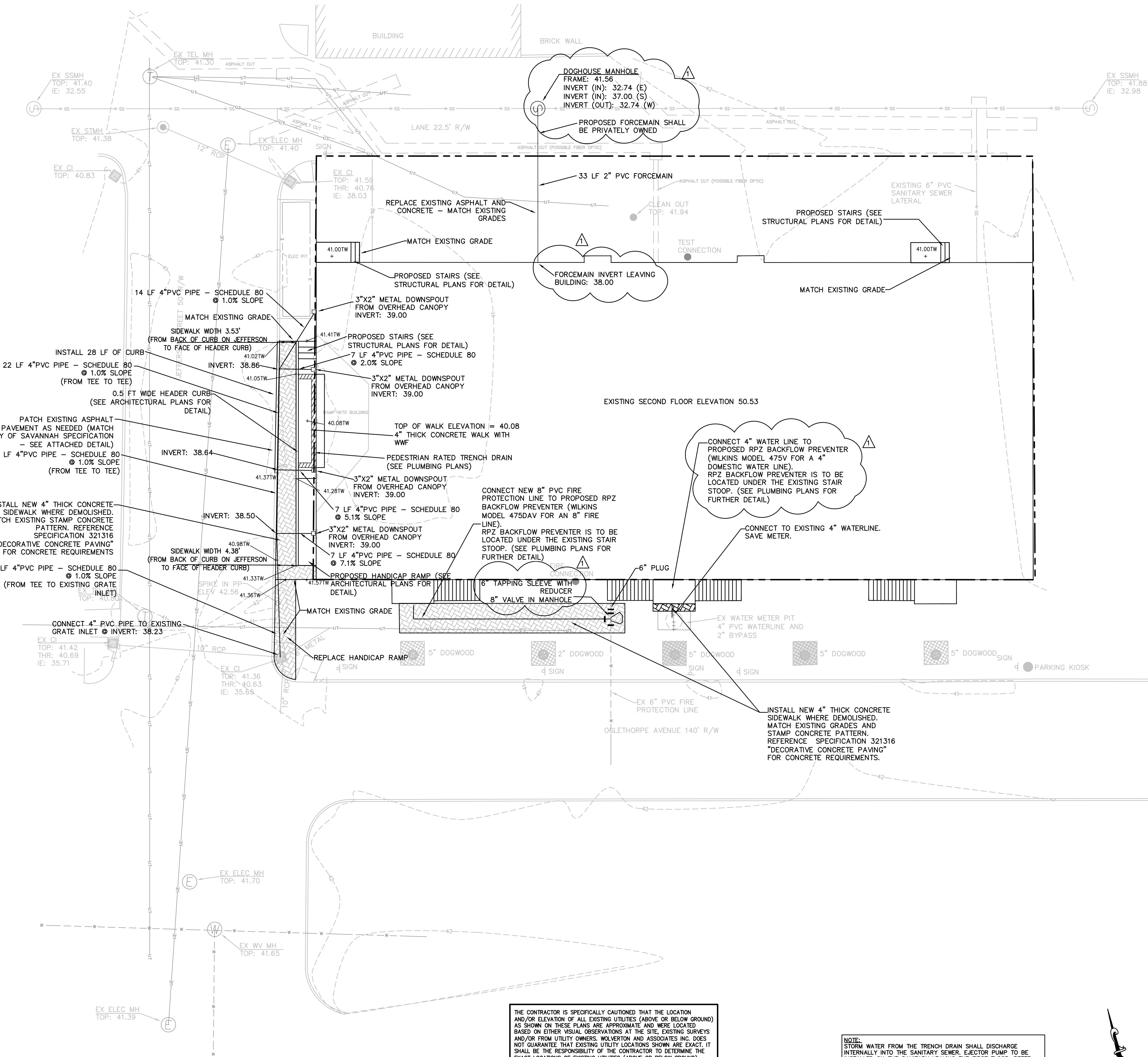
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DATE:	8/15/11
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CHECKED BY:	TWC

DETAILS



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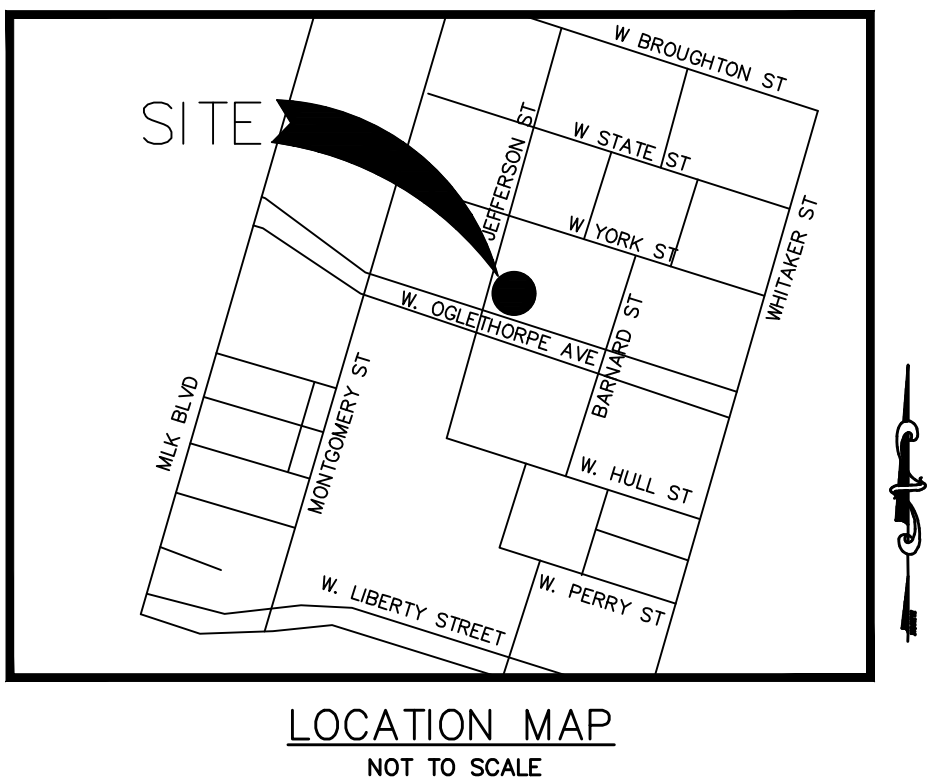
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THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF ALL EXISTING UTILITIES (ABOVE OR BELOW GROUND) AS SHOWN ON THESE PLANS ARE APPROXIMATE AND WERE LOCATED BASED ON EITHER VISUAL OBSERVATIONS AT THE SITE, EXISTING SURVEYS AND/OR FROM UTILITY OWNERS. WOLVERTON AND ASSOCIATES, INC. DOES NOT GUARANTEE THAT EXISTING UTILITY LOCATIONS SHOWN ARE EXACT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES (ABOVE OR BELOW GROUND) BEFORE BEGINNING ANY CONSTRUCTION. THE CONTRACTOR SHALL CALL THE APPROPRIATE UTILITY COMPANIES AND THE UTILITIES PROTECTION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY OWNER AND/OR ENGINEER OF ANY UTILITY CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

NOTE:  
STORM WATER FROM THE TRENCH DRAIN SHALL DISCHARGE INTERNALLY INTO THE SANITARY SEWER. EJECTOR PUMP TO BE INSTALLED ON THE SANITARY LEAVING THE FIRST FLOOR. REFER TO MEP PLANS FOR FURTHER DETAIL.

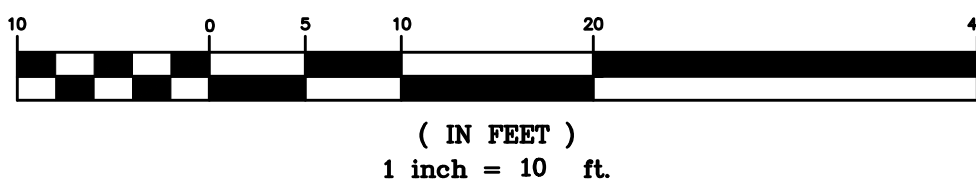
NOTE:  
SEE ARCHITECTURAL PLANS FOR LOCATION OF HANDICAP SPACE.



### SITE UTILITY NOTES

- ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
- CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
- SANITARY SEWER PIPE & SERVICE LATERALS SHALL BE AS FOLLOWS:
  - LESS THAN 4' DEEP:
    - DUCTILE IRON PIPE PER AWWA C150 (CLASS 50)
  - 4' OR DEEPER:
    - PVC SDR 26 PER ASTM D-3034.
- WATER LINES SHALL BE AS FOLLOWS:
  - PIPE SIZES 1 OR 2 INCHES THAT ARE INSTALLED BELOW GRADE AND OUTSIDE BUILDING SHALL COMPLY WITH ONE OR A COMBINATION OF THE FOLLOWING:
    - SEAMLESS COPPER TUBING, TYPE "C" SOFT COPPER, ASTM B 88.
    - FITTINGS: WROUGHT COPPER (95-5 TIN ANTIMONY SOLDER JOINT), ASME B 16.22.
  - HIGH DENSITY POLYETHYLENE (HDPE) WATER PIPE: ASTM D 1248, ASTM D 2737
  - PIPE, ASTM D 3502, AWWA C901, PE 3408, WITH SDR 9 RATING, PRESSURE CLASS 200, CONTINUALLY MARKED AS REQUIRED.
  - PIPE, ASTM D 2239, ASTM D 3035, AWWA C901.88.
- PIPE JOINTS: ADS-10-3139.
- PIPE SIZES 4-INCHES TO 12-INCHES THAT ARE INSTALLED BELOW GRADE AND OUTSIDE BUILDING SHALL COMPLY WITH ONE OR A COMBINATION OF THE FOLLOWING:
  - DUCTILE IRON WATER PIPE: AWWA C151, THICKNESS CLASS 50.
  - FITTINGS: EITHER MECHANICAL JOINT OR PUSH-ON JOINT, AWWA C110 OR AWWA C111.
  - ELASTOMERIC GASKETS AND LUBRICANT: ASTM - F477.
  - POLYVINYL CHLORIDE (PVC) WATER PIPE: PIPE, AWWA C900, RATED DR 18 (CLASS 150), CONTINUALLY MARKED AS REQUIRED.
  - ELASTOMERIC GASKETS AND LUBRICANT: ASTM - F477 FOR SMALLER PIPES.
  - PIPE JOINTS: INTERNALLY MOLDED BELL ENDS, ASTM D 3139.
- MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
- ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS WITH JOINT RESTRAINTS EQUIVALENT TO MECHANICAL AS CALLED OUT IN SPECIFICATIONS.
- ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" APART (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
- CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3'-0" COVER ON ALL WATERLINES.
- IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATERLINES, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE DUCTILE IRON PIPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATERLINE SHALL HAVE MECHANICAL JOINTS WITH APPROPRIATE JOINT RESTRAINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-151) (CLASS 50).
- LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
- TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED ELEVATIONS, AND TO BE ONE FOOT ABOVE FINISHED GROUND ELEVATIONS WITH WATER TIGHT LIDS.
- ALL CONCRETE FOR ENCASUREMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I.
- DRAWINGS DO NOT PURPORT TO SHOW ALL EXISTING UTILITIES.
- EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
- REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
- CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
- ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODE AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICE.
- CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
- CONTRACTOR TO PROVIDE TRENCHING, CONDUIT, PULL WIRE AND BACKFILL FOR TELEPHONE AND ELECTRIC LINES.
- THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING THE EXACT LOCATION, SIZE, AND MATERIAL OF ANY EXISTING WATER OR SEWER FACILITY PROPOSED FOR CONNECTION OR USE BY THIS PROJECT. THE RELOCATION OF ANY WATER/SEWER FACILITY REQUIRED TO AVOID ANY PART OF THIS DEVELOPMENT IS THE RESPONSIBILITY OF THE DEVELOPER.
- ALL CONSTRUCTION TO CONFORM TO APPLICABLE CITY SPECIFICATIONS AND IN ACCORDANCE WITH CITY ORDINANCES.
- TRENCHES OF 20 FEET OR GREATER REQUIRE SHORING, DESIGN TO BE CERTIFIED BY A PROFESSIONAL ENGINEER. TRENCH SAFETY REQUIREMENTS WILL BE STRICTLY ENFORCED. CONTRACTOR TO MEET OR EXCEED ALL OSHA STANDARDS.
- PIPE, FITTINGS, VALVES AND OTHER ACCESSORIES SHALL, UNLESS OTHERWISE DIRECTED, BE UNLOADED AT THE POINT OF DELIVERY, AND STORED WHERE THEY WILL BE PROTECTED AND WILL NOT BE HAZARDOUS TO TRAFFIC. THEY SHALL AT ALL TIMES BE HANDLED WITH CARE TO AVOID DAMAGE. THE INTERIOR OF PIPE, FITTINGS AND OTHER ACCESSORIES SHALL BE KEPT FREE FROM DIRT AND FOREIGN MATTER AT ALL TIMES.
- ANY DEFECTIVE, DAMAGED, OR UNSOUND PIPE SHALL BE REJECTED. ALL FOREIGN MATTER OR DIRT SHALL BE REMOVED FROM THE INSIDE OF THE PIPE BEFORE IT IS LOWERED INTO ITS POSITION IN THE TRENCH AND SHALL BE KEPT CLEAN BY APPROVED MEANS DURING AND AFTER LAYING. CARE SHALL BE TAKEN TO PREVENT DIRT FROM ENTERING THE JOINT SPACE. DURING INSTALLATION, WHEN PIPE LAYING IS NOT IN PROGRESS, A MECHANICAL JOINT PLUG OR CAP OR APPROVED EQUAL, WILL BE USED TO FORM A WATER TIGHT SEAL AT BOTH ENDS OF THE LINE BEING LAID AND NO TRENCH WATER SHALL BE PERMITTED TO ENTER THE PIPE.
- CLEAN THE INTERIORS OF ALL PIPE BY BRUSHING, SWABBING OR WASHING OUT OF ALL DIRT BEFORE LAYING.
- FLUSH THE NEW PIPE LINES UNTIL THE WATER RUNS CLEAR AT THE END OF ALL MAINS AND LATERALS. THIS SHOULD BE DONE AFTER THE PRESSURE TEST AND BEFORE DISINFECTION. MINIMUM FLUSH VELOCITY SHALL BE 2.5 FEET PER SECOND WHICH IS NECESSARY TO PURGE THE LINE OF ANY FOREIGN MATERIAL.
- ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE TO THE CITY OF SAVANNAH'S LATEST CONSTRUCTION SPECIFICATIONS AND DETAILS.
- ALL WATER USED FOR CONSTRUCTION SHALL BE METERED THROUGH AN APPROVED BACKFLOW PREVENTION DEVICE AND FIRE HYDRANT METER OBTAINED THROUGH THE CITY OF SAVANNAH'S CONVEYANCE AND DISTRIBUTION DEPARTMENT.
- WATER METER SHALL BE OBTAINED FROM THE CITY AND INSTALLED BY THE DEVELOPER/CONTRACTOR. ALL BACKFLOW PREVENTORS WILL BE DEVELOPER/CONTRACTOR INSTALLED AND NOT BY THE CITY.
- THE DEVELOPER/CONTRACTOR SHALL INSTALL THE WATER LATERAL FROM THE WATER MAIN TO THE METER AND FROM THE METER TO THE BUILDING. THE CITY WILL ONLY MAKE THE MET TAP.
- CHLORINATED WATER USED FOR DISINFECTION OF WATER LINES SHALL BE DISCHARGED INTO SANITARY SEWER SYSTEM AND NOT THE STORM DRAINAGE SYSTEM.
- FOR CITY WATER OR SEWER LINE LOCATIONS, CONTACT THE UTILITIES PROTECTION CENTER (1-800-282-7411) A MINIMUM OR SEVENTY-TWO (72) HOURS PRIOR TO DIGGING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VIDEO TAPING SANITARY SEWER ACCORDING TO CITY OF SAVANNAH REQUIREMENTS.
- THE WATER SERVICE LATERAL SERVING THE FACILITY SHALL BE INSTALLED BY THE DEVELOPER/CONTRACTOR FROM THE WATER MAIN TO THE METERS. THE CITY OF SAVANNAH WILL ONLY MAKE THE MET TAP. THE CITY WILL NOT INSTALL THE WATER SERVICE LATERAL.
- AN APPROVED WATER SUPPLY FOR FIRE PROTECTION, EITHER TEMPORARY OR PERMANENT, SHALL BE MADE AVAILABLE AS SOON AS COMBUSTIBLE MATERIAL ARRIVES ON THE SITE.
- DISTRIBUTION SHALL NOT ADVERSELY AFFECT DRINKING WATER QUALITY AND PUBLIC HEALTH AND MUST BE CERTIFIED FOR CONFORMANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE/NATIONAL SANITATION FOUNDATION STANDARD 61 (ANSI/NSF STANDARD 61).
- COORDINATE ALL ELECTRICAL AND MECHANICAL UTILITY TRENCHES WITH ARCH. PLANS.
- CONNECTIONS BETWEEN HDPE AND PVC PIPE SHALL BE MADE USING MEGA-COUPLING® SERIES 3800 RESTRAINED COUPLINGS OR APPROVED EQUIVALENT. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- PROPOSED DOGHOUSE MANHOLE SHALL BE COATED IN ACCORDANCE WITH THE CITY OF SAVANNAH SANITARY SEWER SPECIFICATION SECTION 02555.
- ALL ABANDONED SANITARY SEWER AND WATER LATERALS SHALL BE CAPPED AT THE MAIN AND THE PIPE REMOVED OR FILLED WITH FLOWABLE FILL.

### GRAPHIC SCALE



#	Revision Description	Date
1	ADDENDUM #3	10/27/2011

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JOB #: 2010-01  
DATE: 8/15/11  
DRAWN BY: PLM  
CHECKED BY: TWC

SITE GRADING/  
UTILITY PLAN

4/12/2006 12:55:58 PM

LOT T BARBER

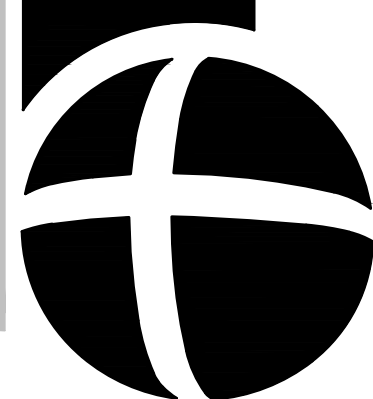
Visual Communications

Integrated Project Delivery

Community Planning

Architecture

C003



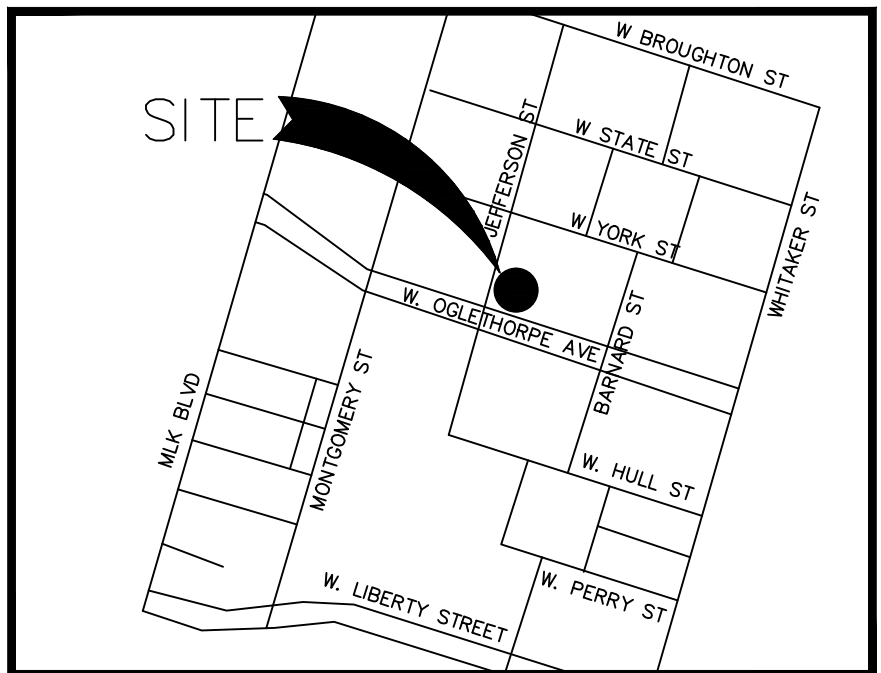
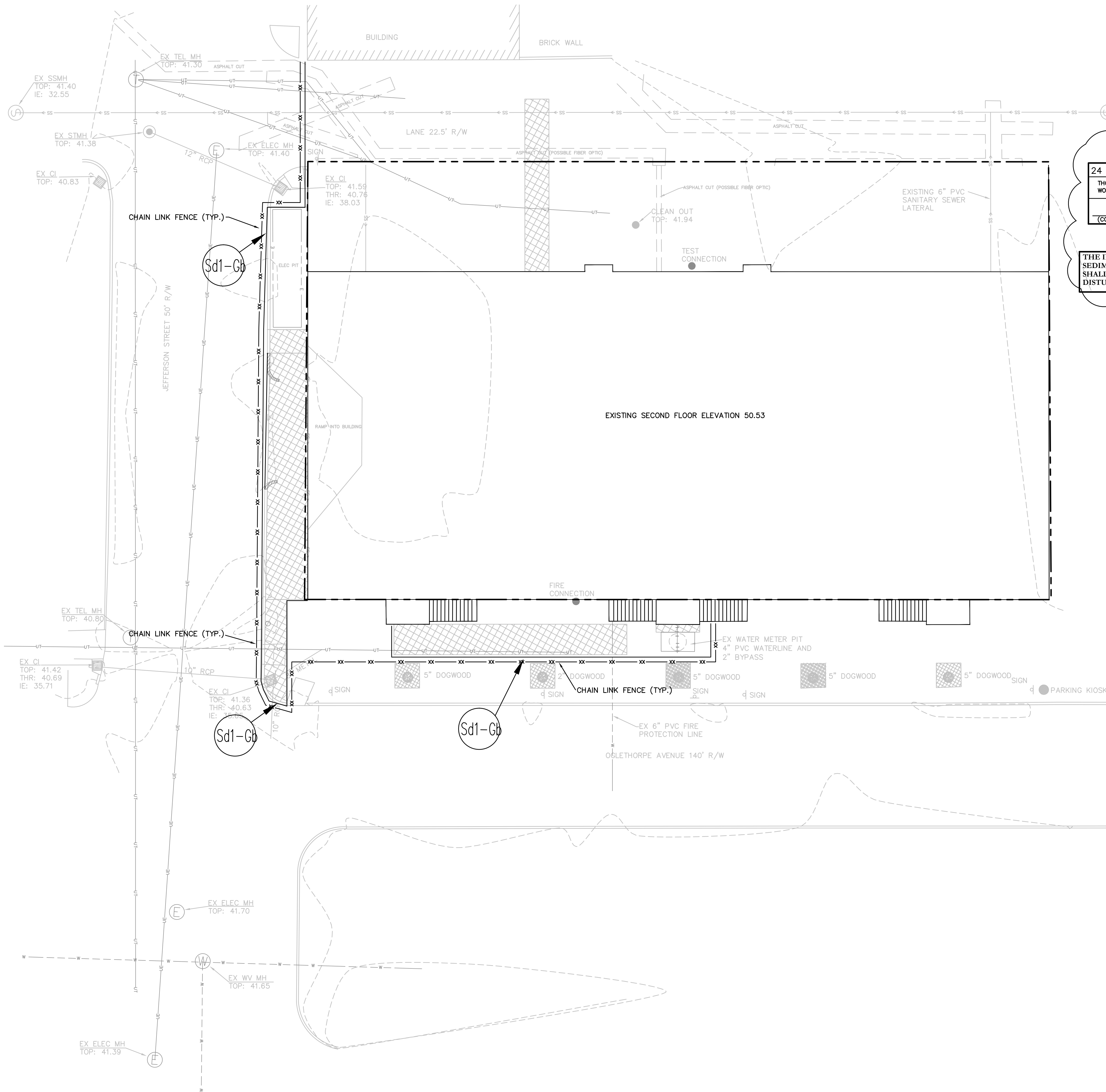


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USER: highmartin - Oct 27, 2011 - 4:16pm County Oglethorpe Building Drawings\Production Drawings\11-509 11.dwg

File Path



LOCATION MAP  
NOT TO SCALE

EROSION CONTROL NOTES

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.

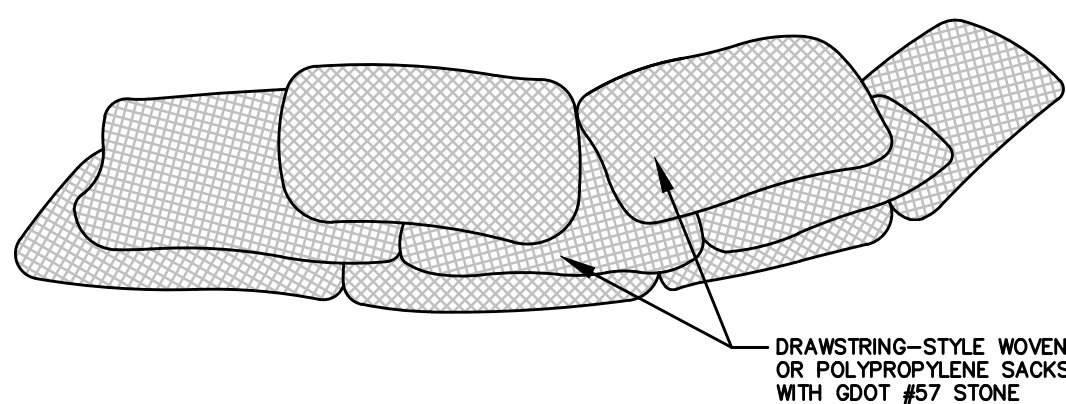
ALL EROSION & SEDIMENT CONTROL MEASURES WILL BE CHECKED DAILY AND ANY DEFICIENCIES NOTED WILL BE CORRECTED BY THE END OF EACH DAY. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY AFTER ONSITE INSPECTION BY THE ISSUING AUTHORITY.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

Sd1-Gb (GRAVEL BAG SEDIMENT BARRIER) TO BE PLACED AROUND THE PERIMETER OF THE AREAS THAT ARE TO BE DISTURBED. CONTRACTOR TO MAKE SURE THAT NO SEDIMENT ENTERS THE CITY OF SAVANNAH DRAINAGE SYSTEM.

24 HR LOCAL EMERGENCY CONTACT  
THOMAS W. CETTI, PE (912) 721-6999  
WOLVERTON & ASSOC.  
(CONTRACTOR'S NAME)

THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITY

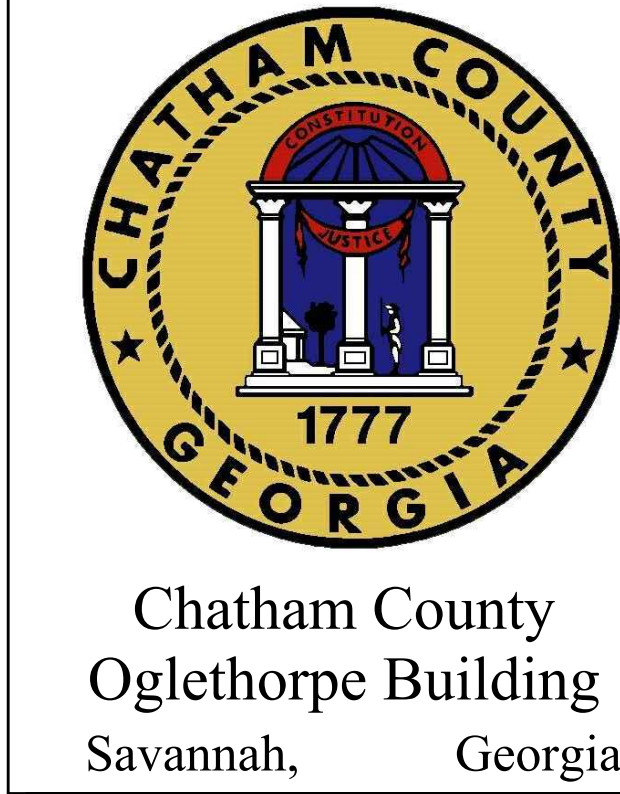
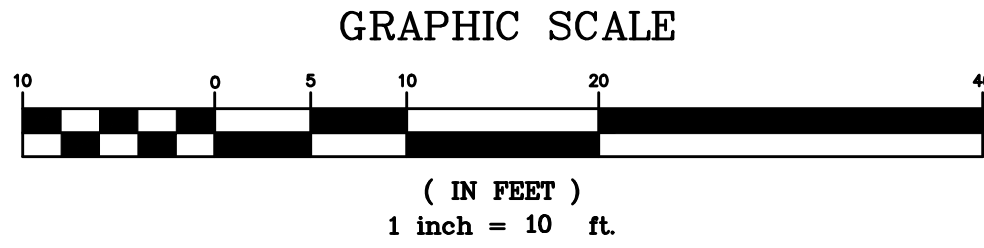


NOTE:  
SEDIMENT SHALL BE REMOVED ONCE IT HAS ACCUMULATED TO ONE-HALF THE ORIGINAL HEIGHT OF THE BARRIER. GRAVEL BAGS SHALL BE REPLACED WHENEVER THEY HAVE DETERIORATED TO SUCH AN EXTENT THAT THE EFFECTIVENESS OF THE GRAVEL BAGS IS REDUCED (APPROXIMATELY SIX MONTHS). TEMPORARY SEDIMENT BARRIERS SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED. ALL SEDIMENT ACCUMULATED AT THE BARRIER SHALL BE REMOVED AND PROPERLY DISPOSED OF BEFORE THE BARRIER IS REMOVED.

Sd1-Gb GRAVEL BAG SEDIMENT BARRIER  
NOT TO SCALE

STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Sd1-Gb	SEDIMENT BARRIER			A barrier to prevent sediment from leaving the construction site. It is made of burlap, woven or polypropylene sacks filled with #57 stone. It is especially temporary and is removed upon request.



#	Revision Description	Date
1	ADDENDUM #3	10/27/2011

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DATE: 8/15/11  
DRAWN BY: PLM  
CHECKED BY: TWC

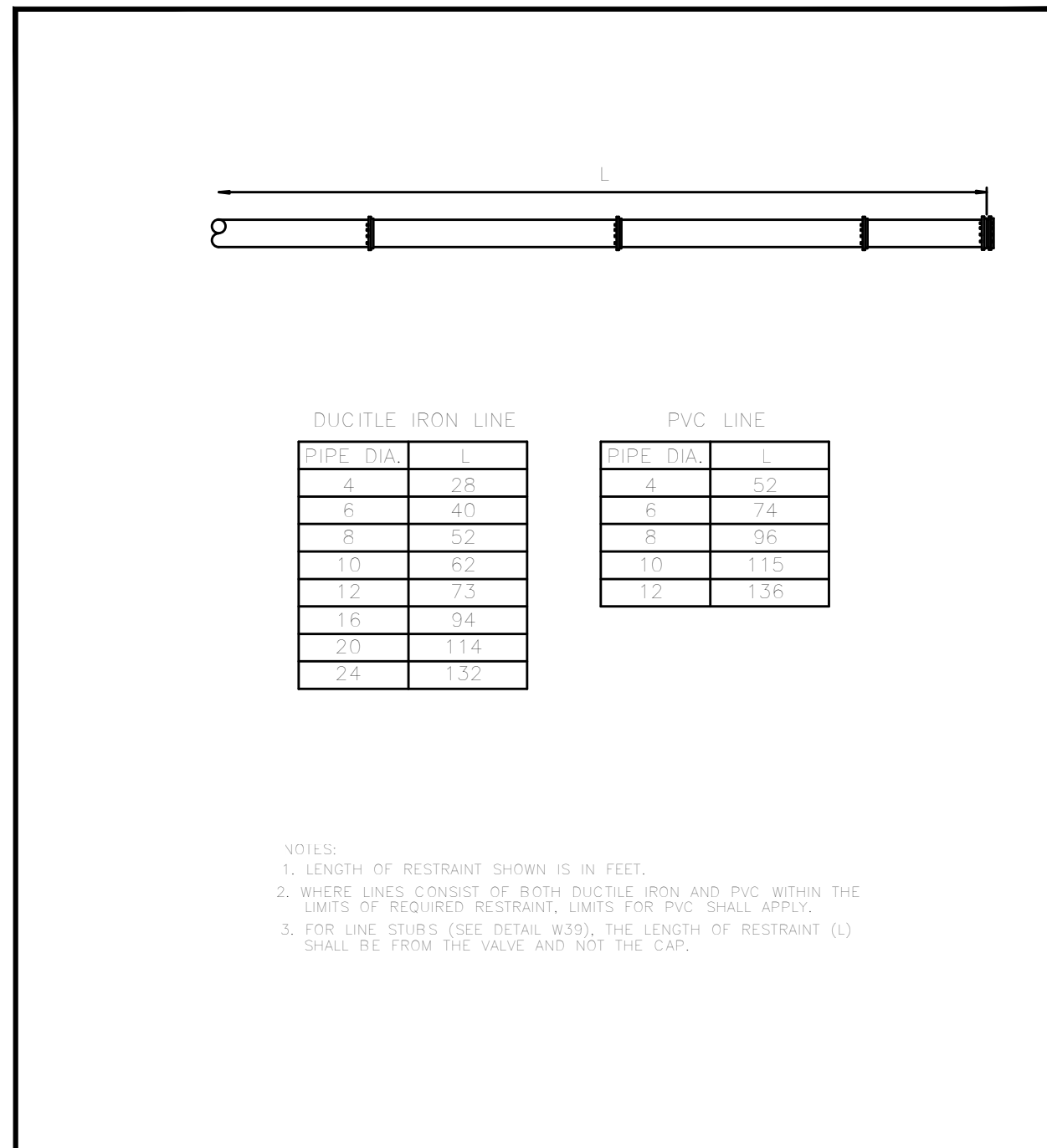
EROSION CONTROL PLAN

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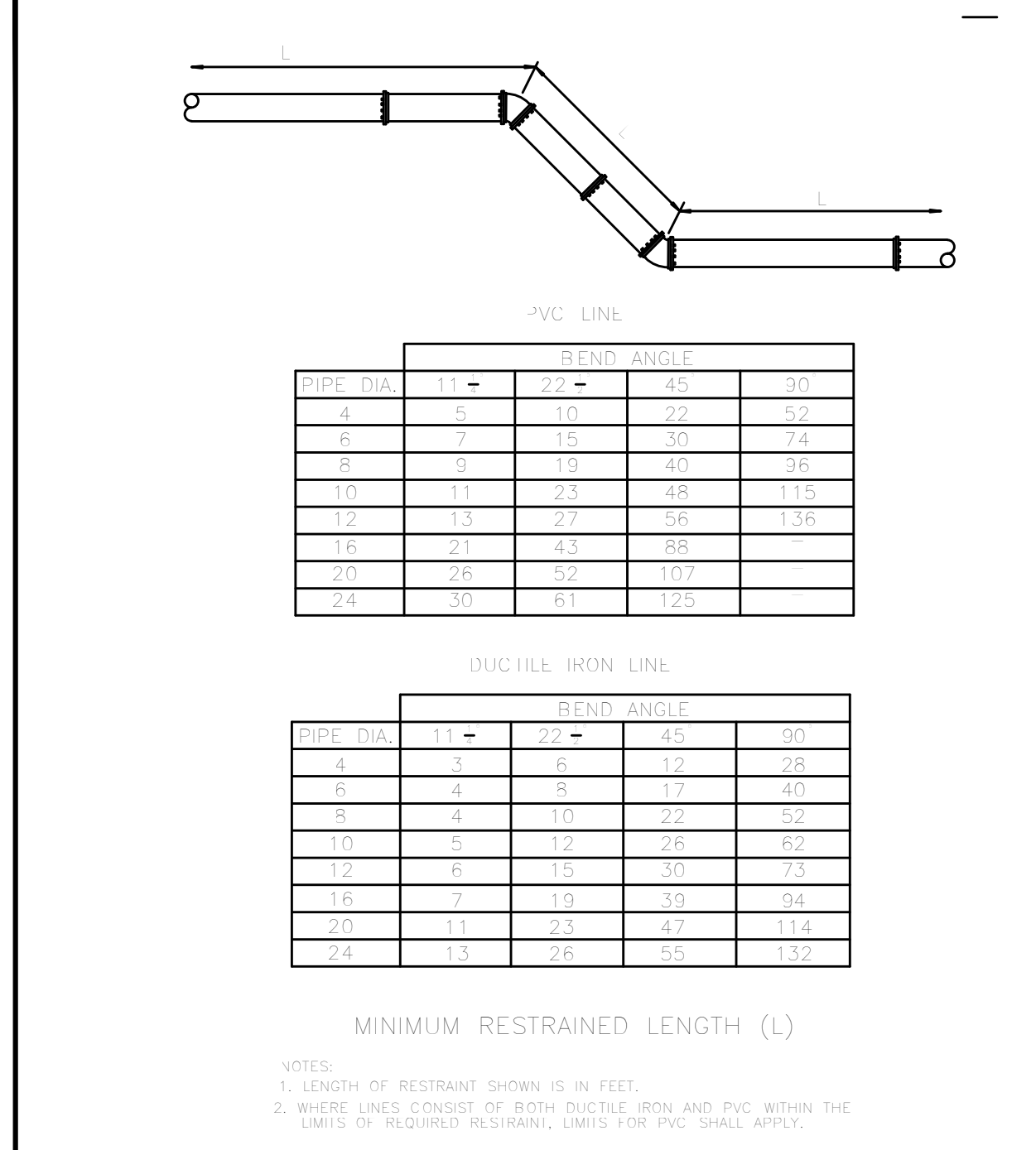
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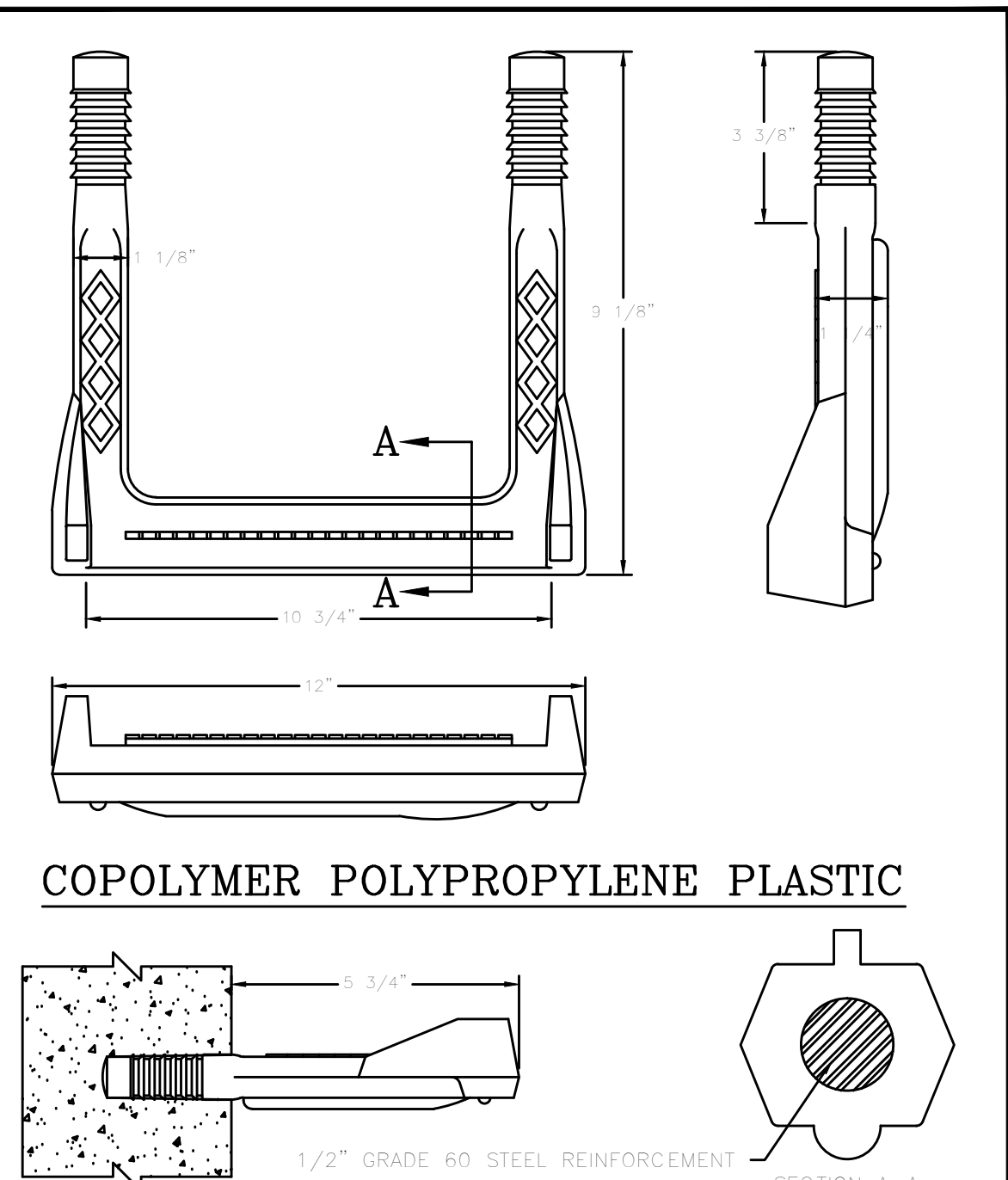
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STANDARD CONSTRUCTION DETAILS  
DEAD END RESTRAINT

PREPARED BY: WATER & SEWER PLANNING & ENGINEERING  
DATE: 10/27/2011  
STATE NUMBER: W35



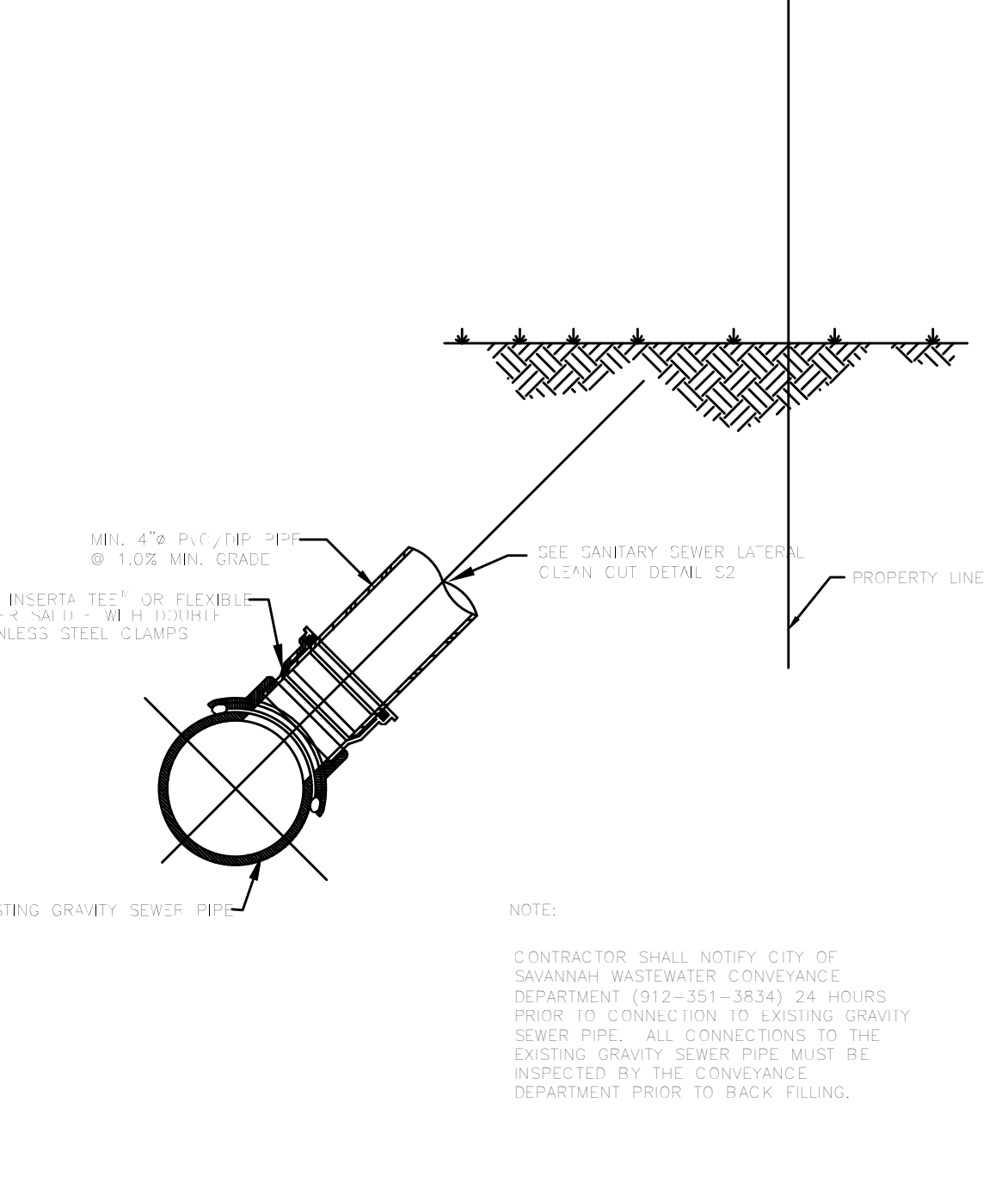
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STANDARD CONSTRUCTION DETAILS  
FORCE MAIN VERTICAL BEND RESTRAINT

PREPARED BY: WATER AND SEWER PLANNING & ENGINEERING  
DATE: 10/27/2011  
STATE NUMBER: S5



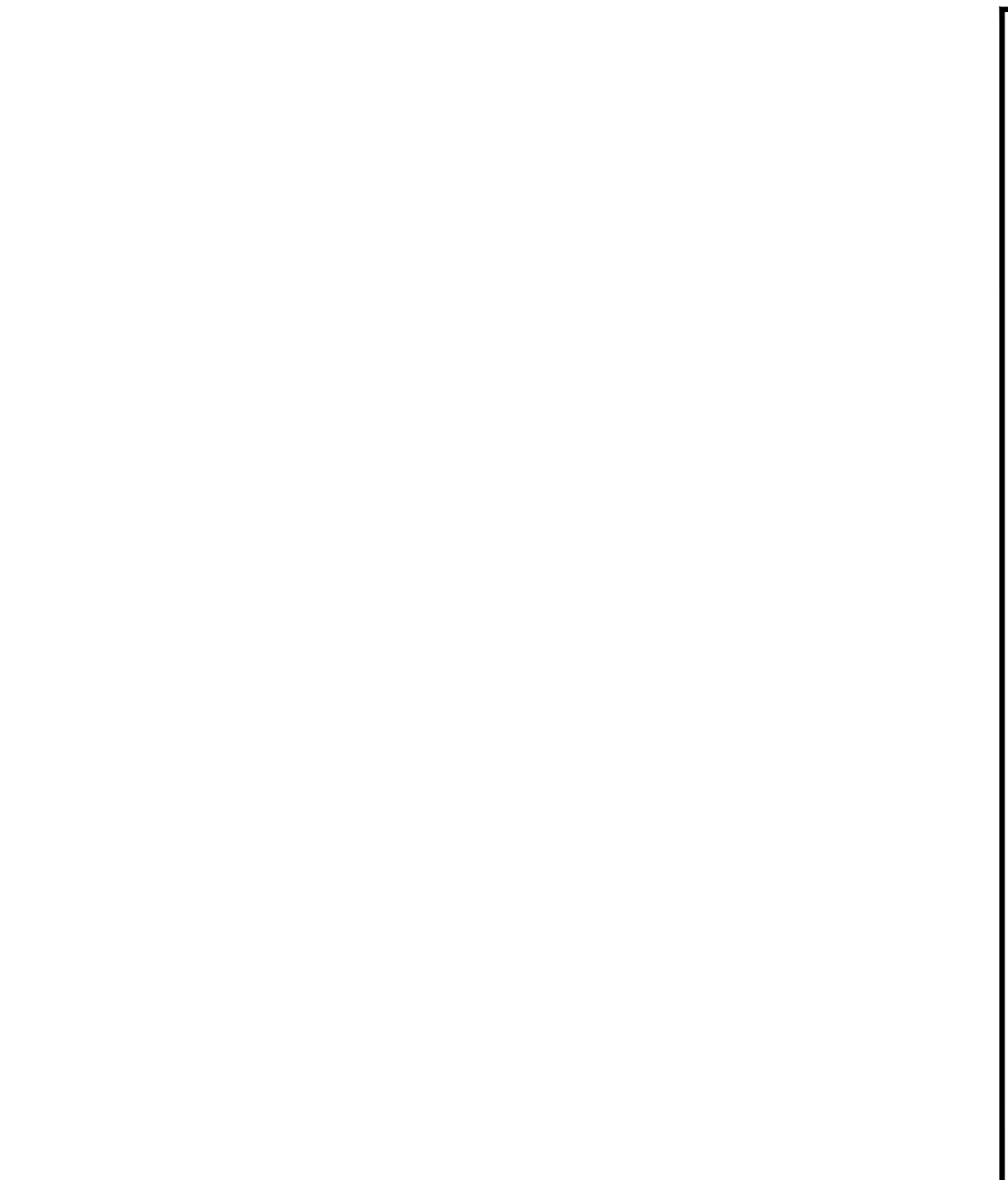
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STANDARD CONSTRUCTION DETAILS  
MANHOLE STEP-POLYPROPYLENE

PREPARED BY: WATER & SEWER PLANNING & ENGINEERING  
DATE: 10/27/2011  
STATE NUMBER: S15



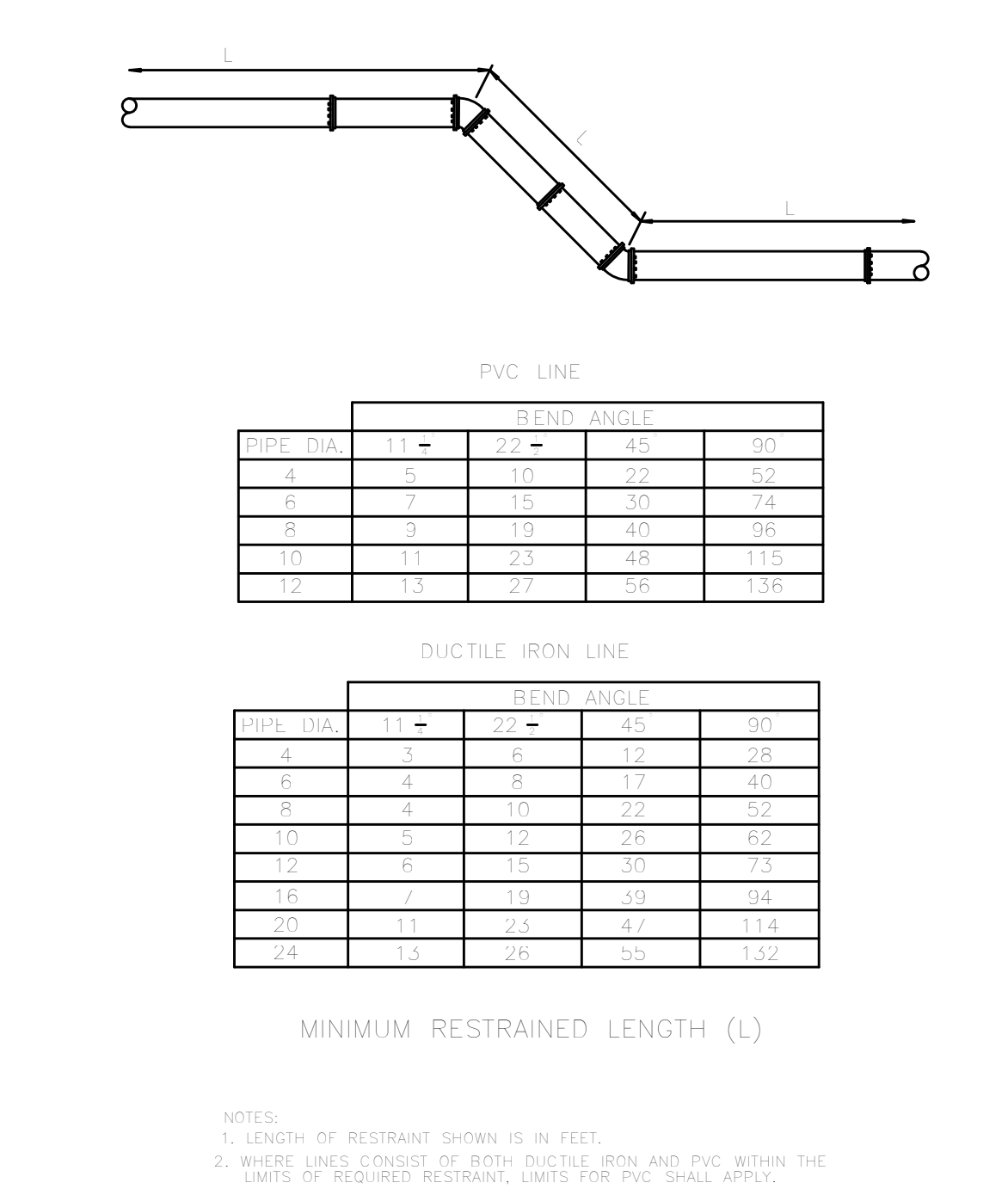
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STANDARD CONSTRUCTION DETAILS  
SANITARY SEWER SERVICE CONNECTION TO EXISTING PIPE

PREPARED BY: WATER & SEWER PLANNING & ENGINEERING  
DATE: 10/27/2011  
STATE NUMBER: S3



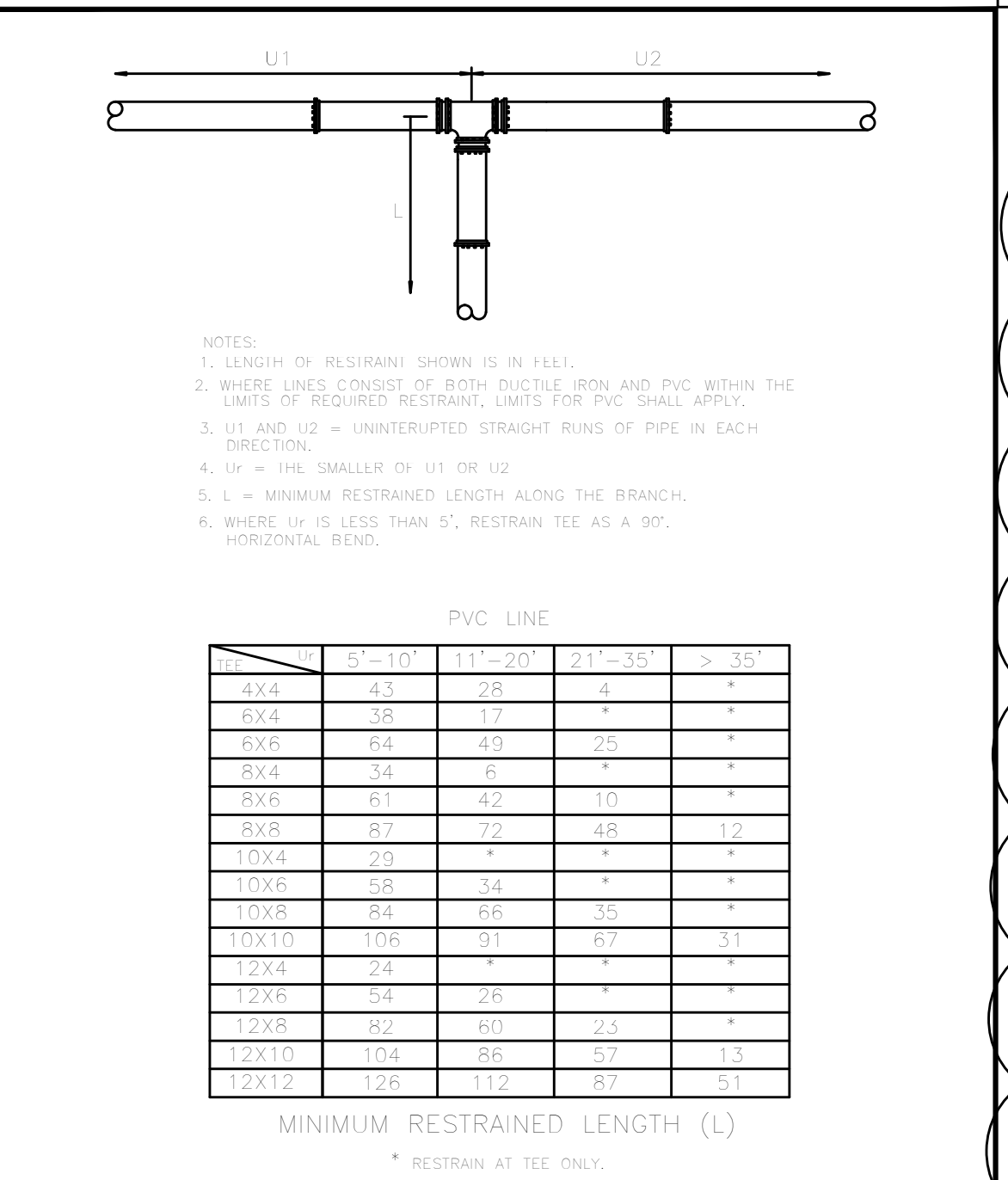
City of Savannah  
STANDARD CONSTRUCTION DETAILS  
FORCE MAIN TEE RESTRAINT (PVC PIPE)

PREPARED BY: WATER & SEWER PLANNING & ENGINEERING  
DATE: 10/27/2011  
STATE NUMBER: S6



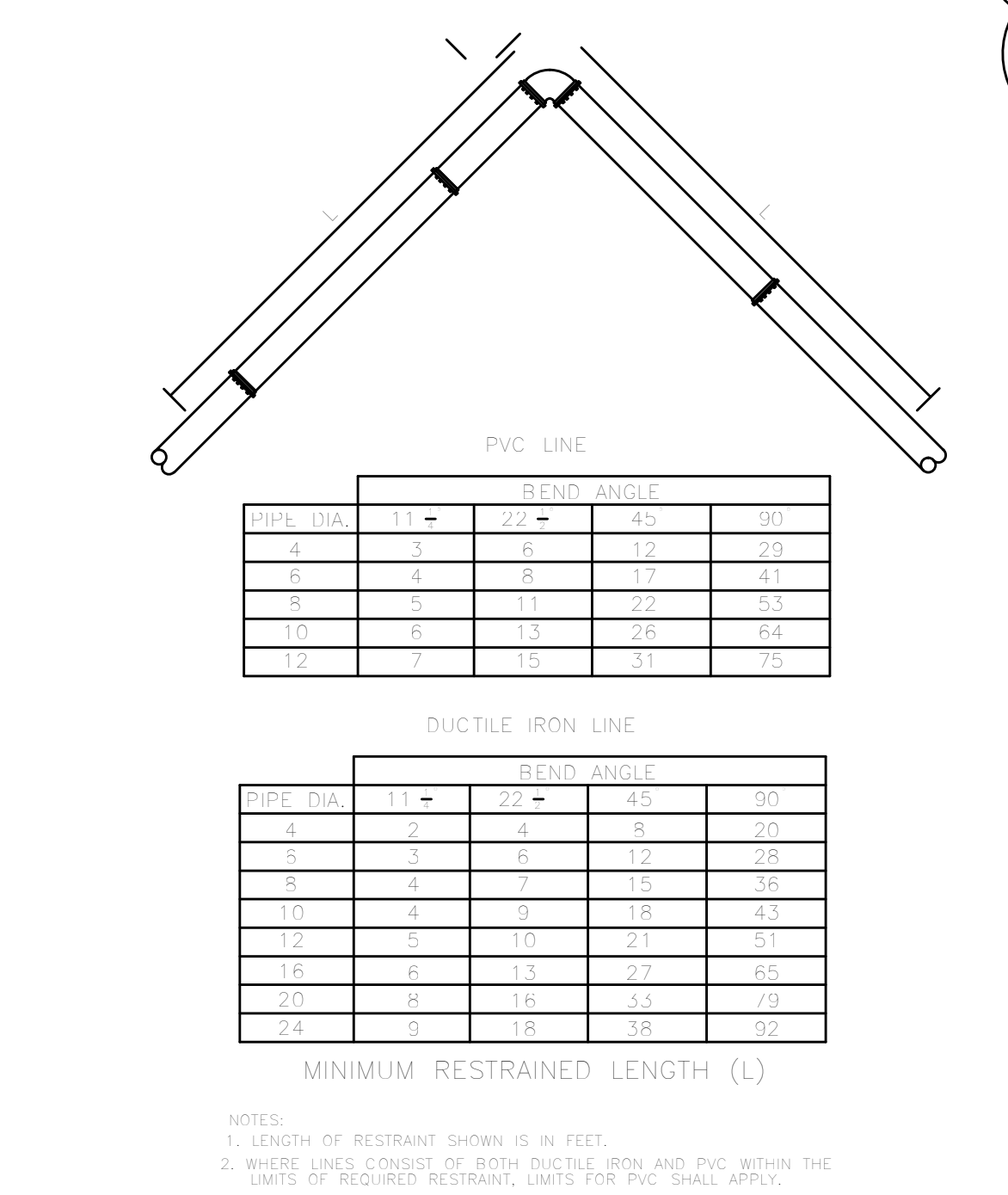
City of Savannah  
STANDARD CONSTRUCTION DETAILS  
VERTICAL BEND RESTRAINT

PREPARED BY: WATER AND SEWER PLANNING & ENGINEERING  
DATE: 10/27/2011  
STATE NUMBER: W32



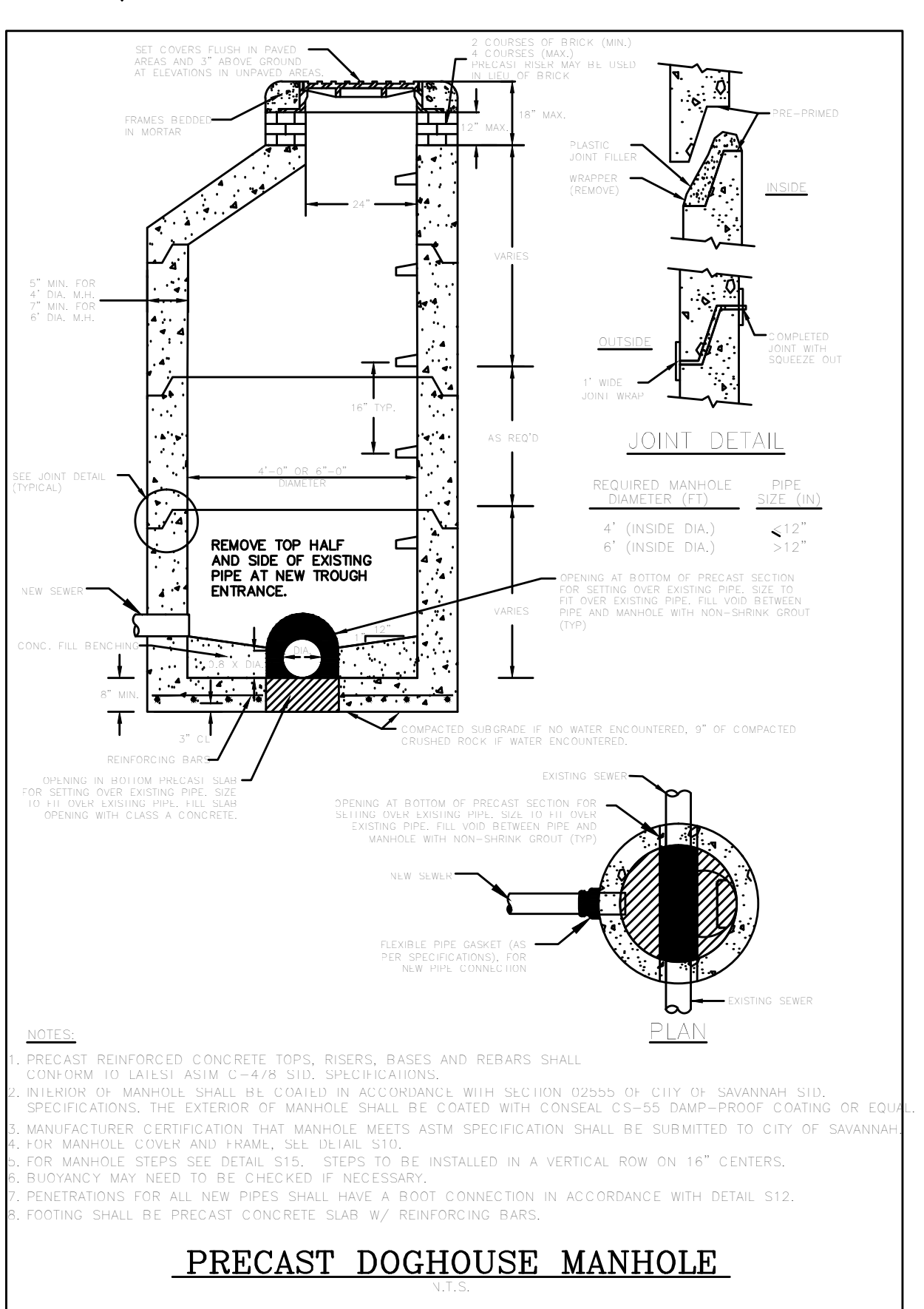
City of Savannah  
STANDARD CONSTRUCTION DETAILS  
HORIZONTAL BEND RESTRAINT

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DATE: 10/27/2011  
STATE NUMBER: W31



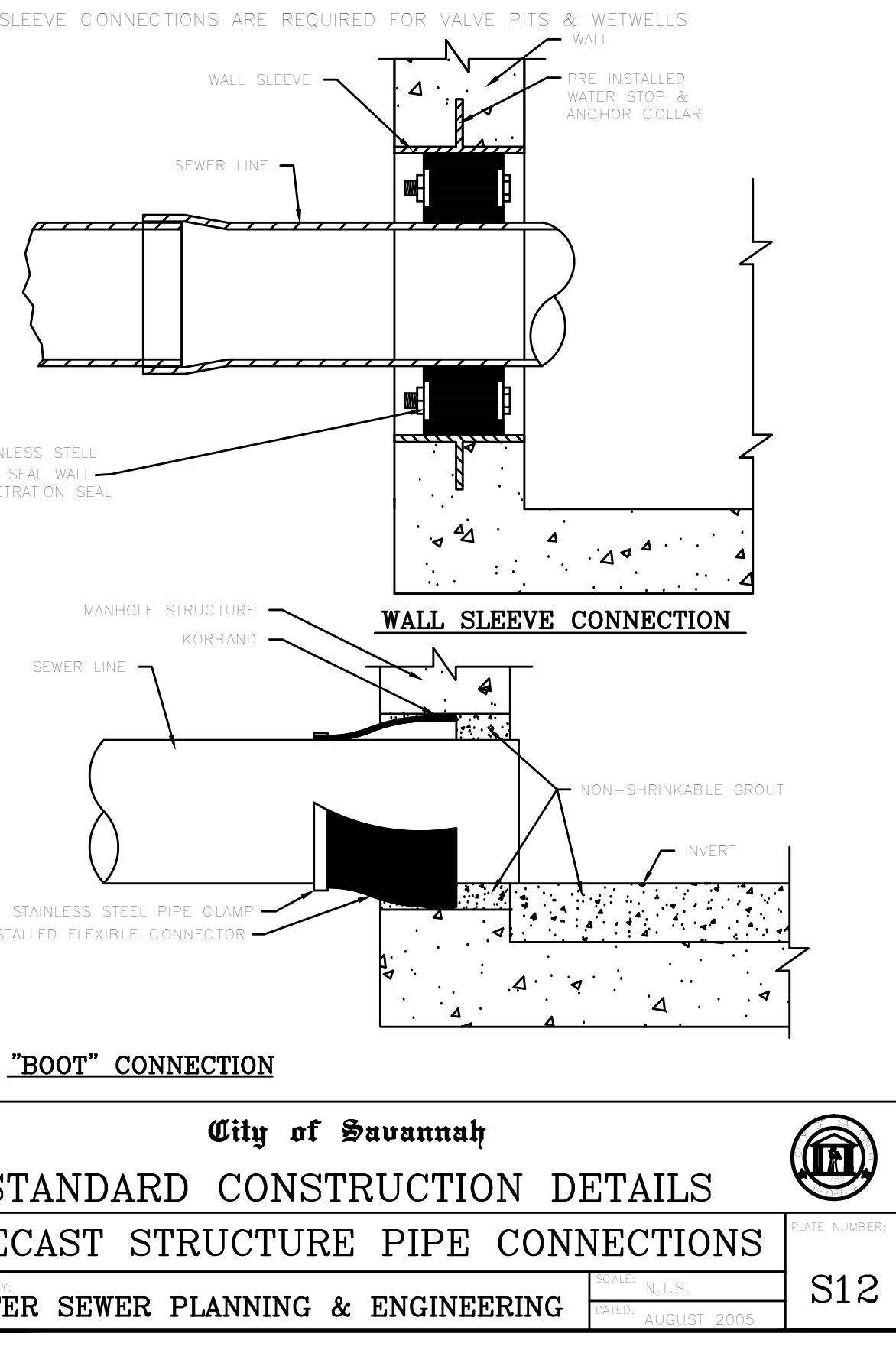
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STANDARD CONSTRUCTION DETAILS  
WALL SLEEVE CONNECTION

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DATE: 10/27/2011  
STATE NUMBER: W31



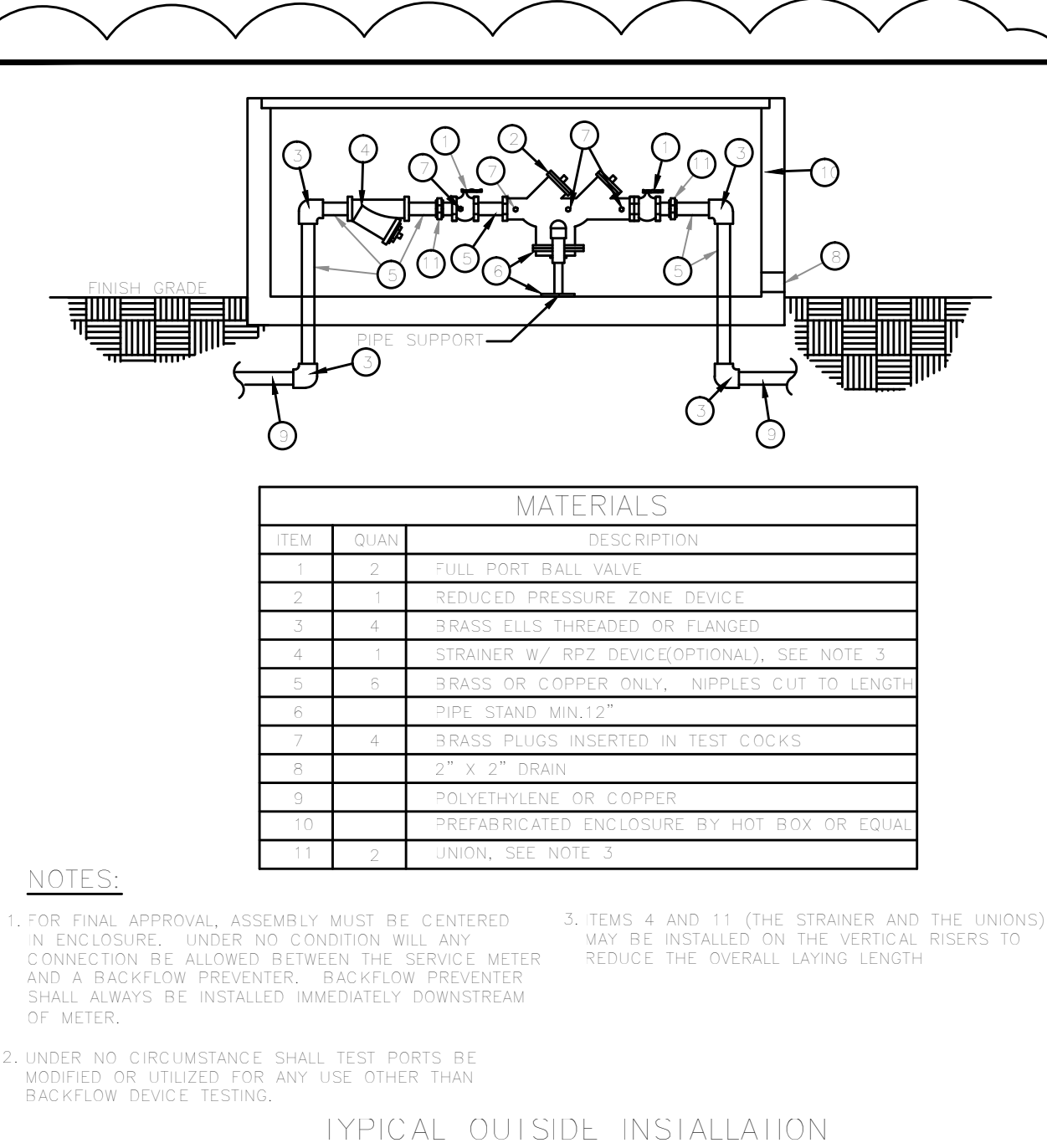
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STANDARD CONSTRUCTION DETAILS  
PRECAST DOGHOUSE MANHOLE

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DATE: 10/27/2011  
STATE NUMBER: S12



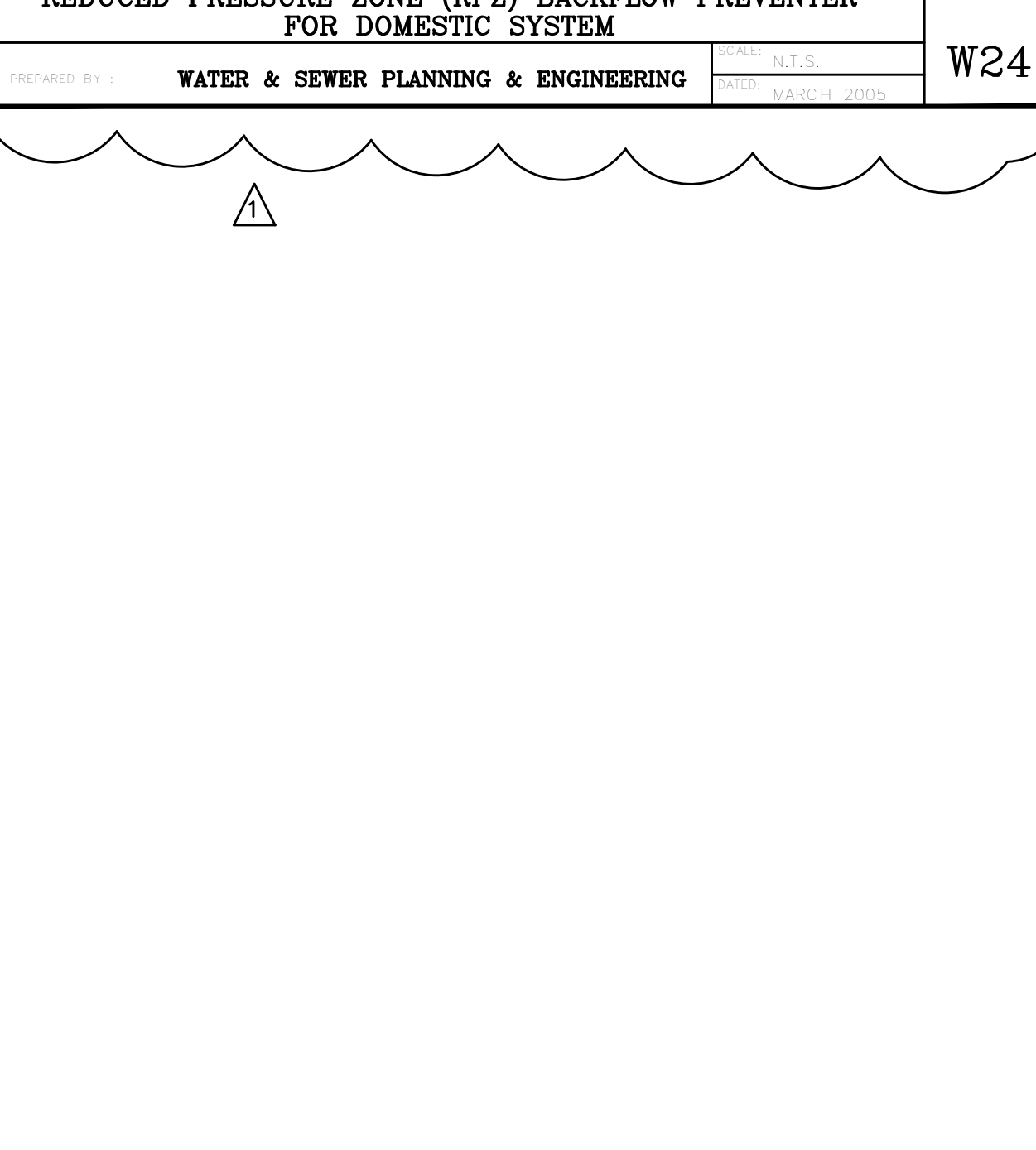
City of Savannah  
STANDARD CONSTRUCTION DETAILS  
"ROOT" CONNECTION

PREPARED BY: WATER AND SEWER PLANNING & ENGINEERING  
DATE: 10/27/2011  
STATE NUMBER: S12



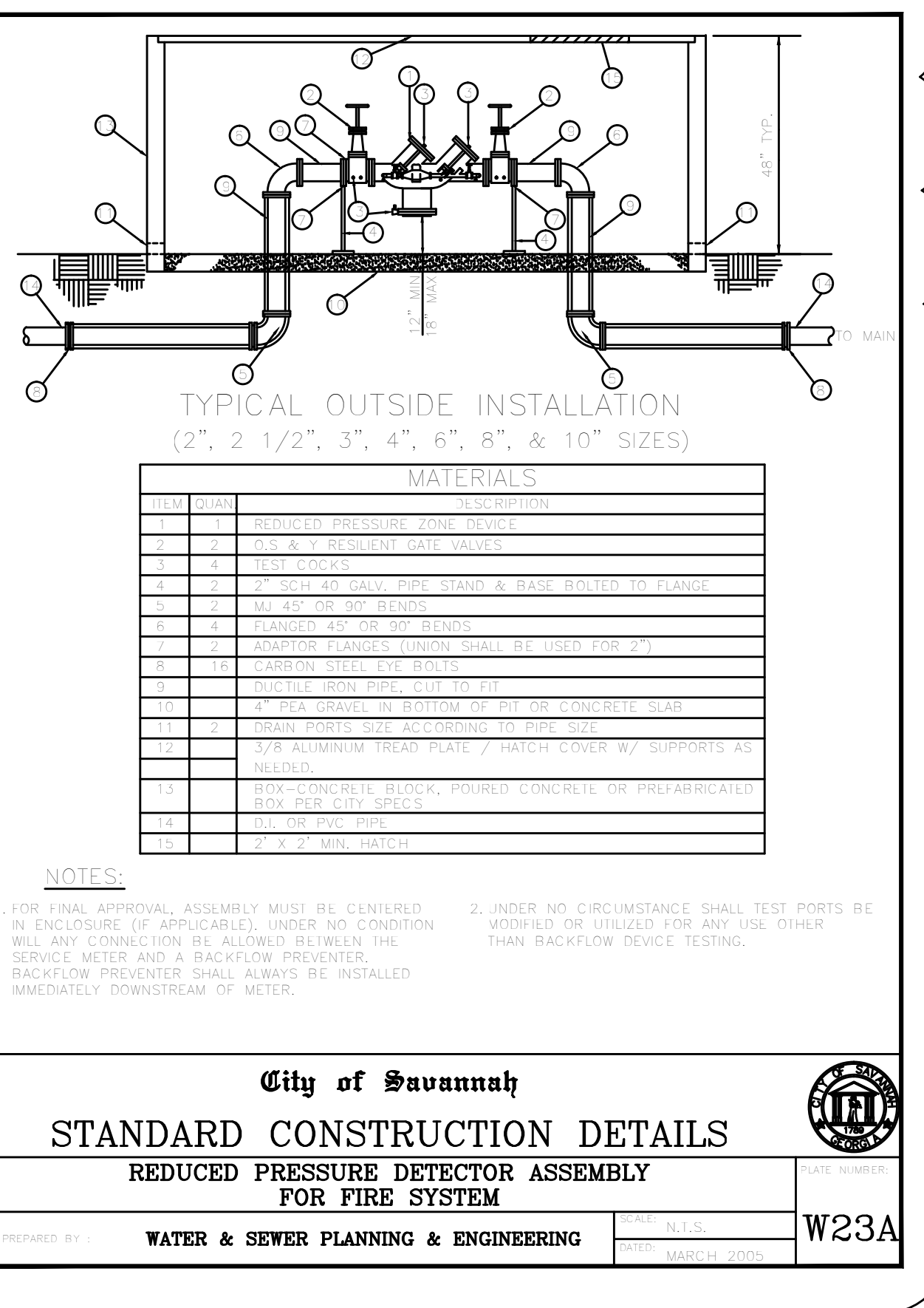
City of Savannah  
STANDARD CONSTRUCTION DETAILS  
REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTER FOR DOMESTIC SYSTEM

PREPARED BY: WATER & SEWER PLANNING & ENGINEERING  
DATE: 10/27/2011  
STATE NUMBER: W24



City of Savannah  
STANDARD CONSTRUCTION DETAILS  
TYPICAL OUTSIDE INSTALLATION

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DATE: 10/27/2011  
STATE NUMBER: W31



City of Savannah  
STANDARD CONSTRUCTION DETAILS  
REDUCED PRESSURE DETECTOR ASSEMBLY FOR FIRE SYSTEM

PREPARED BY: WATER & SEWER PLANNING & ENGINEERING  
DATE: 10/27/2011  
STATE NUMBER: W23A



#	Revision Description	Date
1	ADDENDUM #3	10/27/2011

City of Savannah  
STANDARD CONSTRUCTION DETAILS  
REDUCED PRESSURE DETECTOR ASSEMBLY FOR FIRE SYSTEM

PREPARED BY: WATER & SEWER PLANNING & ENGINEERING  
DATE: 10/27/2011  
STATE NUMBER: W23A

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Date:  
Drawn By:  
Checked By:

2010-01  
8/15/11  
PLM  
TWC

DETAILS

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