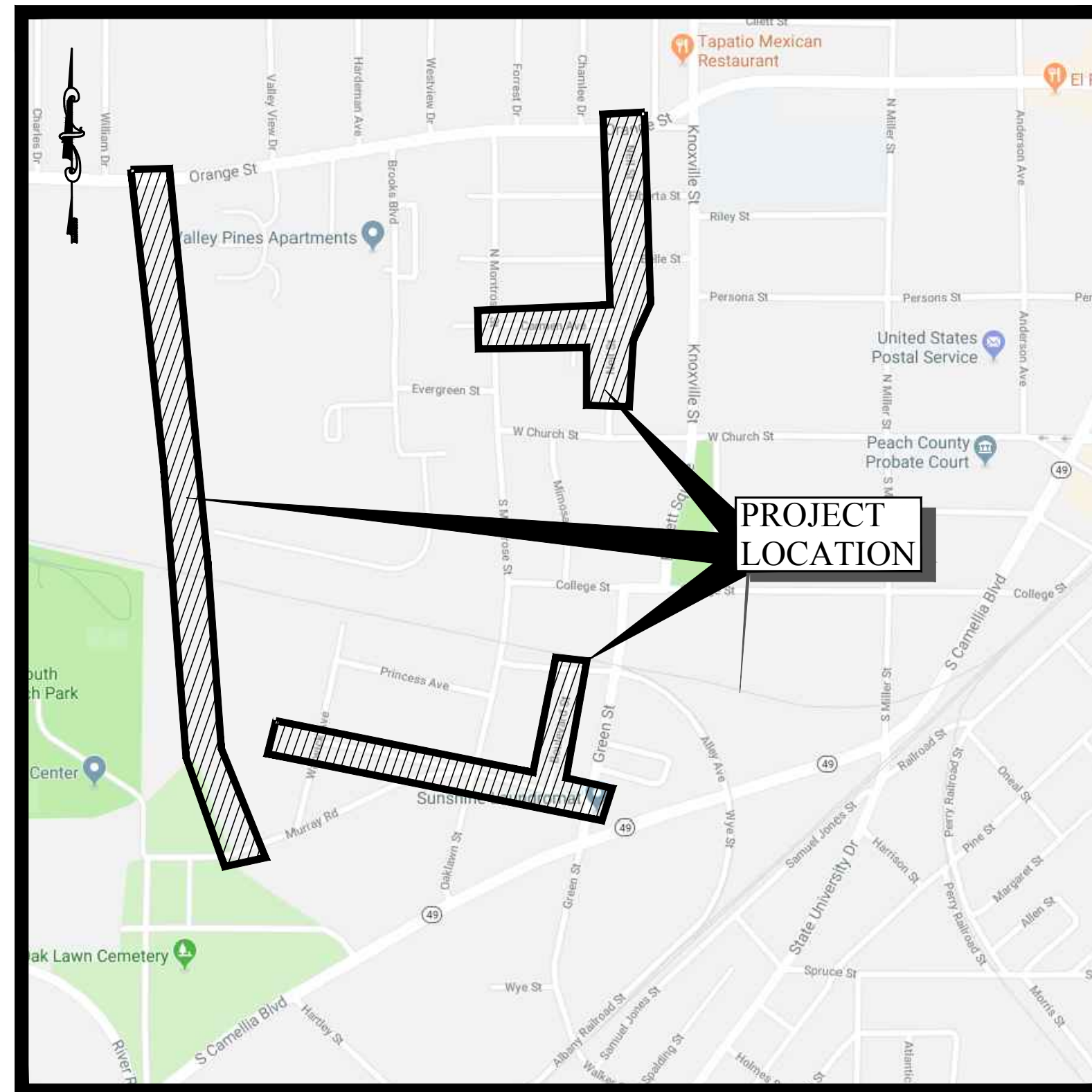


# FY 2017 CDBG SEWER SYSTEM IMPROVEMENTS FOR THE FORT VALLEY UTILITY COMMISSION PEACH COUNTY, GEORGIA JUNE 2018

## COMMISSION OFFICIALS

DOLLIE HORTON	CHAIRMAN
BOB HUNNICUTT	VICE CHAIRMAN
JO ANN DANKEL	COMMISSIONER
LINDA JOHNSON	COMMISSIONER
BARBARA WILLIAMS	MAYOR, CITY OF FORT VALLEY
CRAIG MIMS	GENERAL MANAGER/CEO
CATHY JOHNSON	FINANCE MANAGER
ANGIE LUNA	DIRECTOR OF OPERATIONS
KEITH SPILLERS	WASTEWATER SUPT.

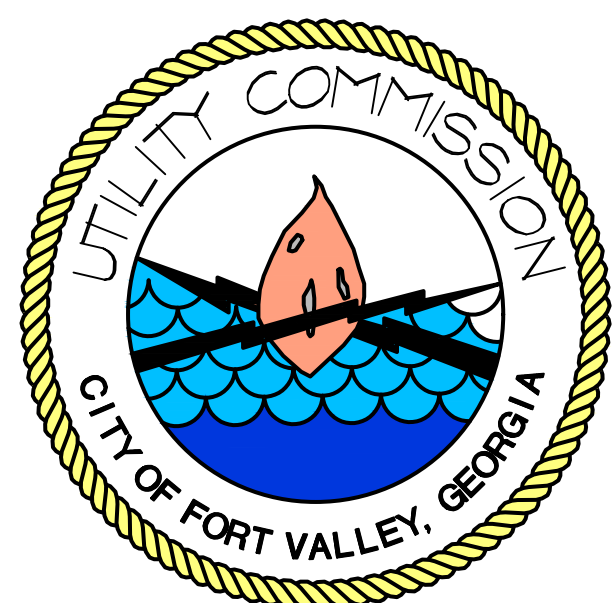
OWNER CONTACT  
KEITH SPILLERS, WASTEWATER SUPT.  
500 ANTHOINE ST.  
FORT VALLEY, GA 31030  
(478) 825-7701 EXT. 217



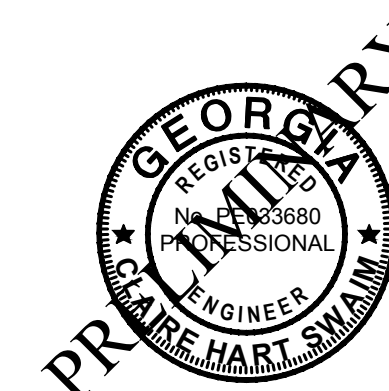
LOCATION MAP

## INDEX TO DRAWINGS

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-	TITLE SHEET
1	GENERAL LAYOUT AND NOTES
2	SEWER REHAB NEIL STREET
3	SEWER REHAB NEIL STREET AND CARMEN STREET
4	SEWER REHAB NEIL STREET
5	SEWER REHAB COURTLAND STREET
6	SEWER REHAB BOULEVARD BLVD
7	SEWER MANHOLE REHAB
8	MISCELLANEOUS DETAILS



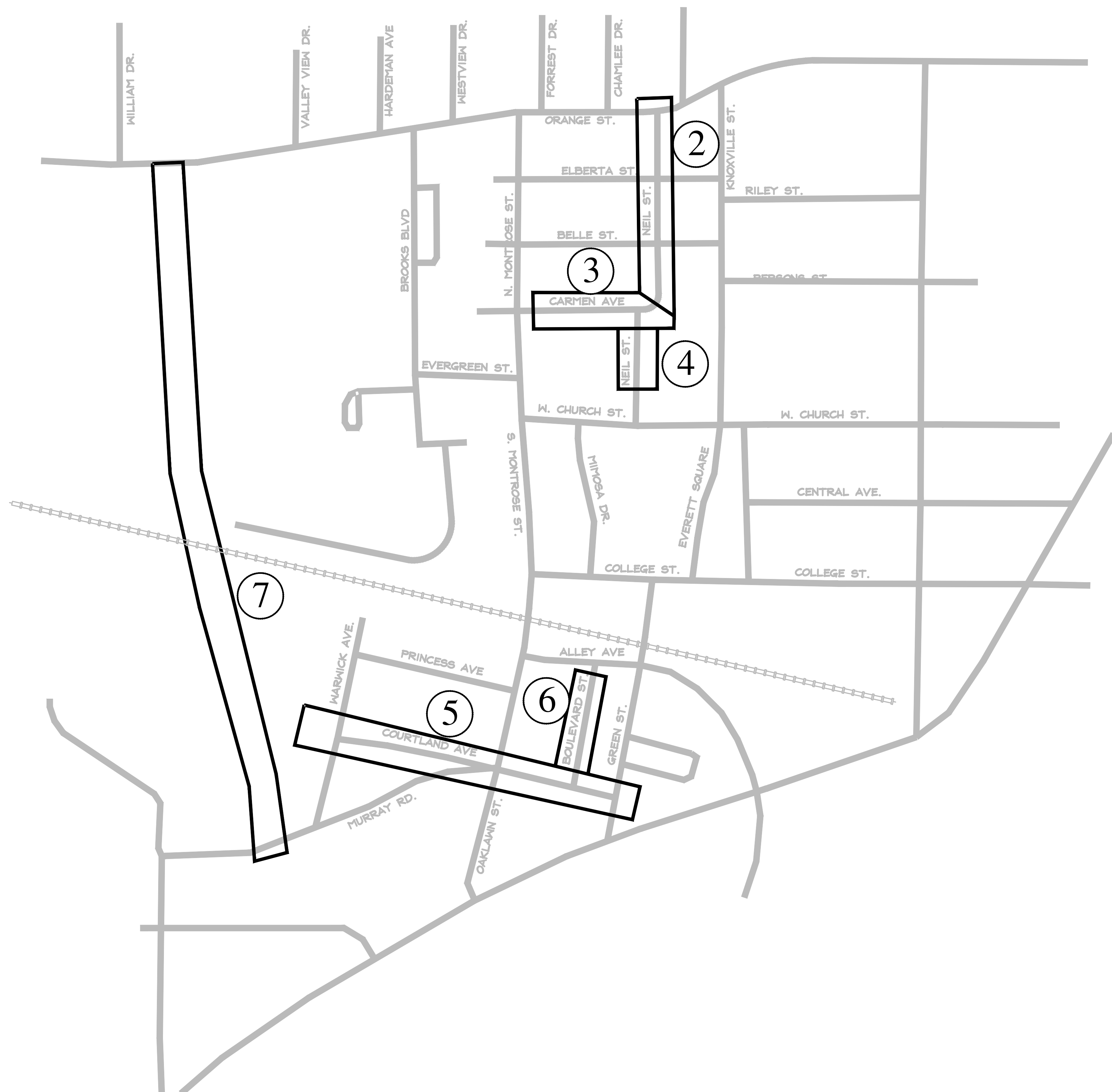
CONSULTANT CONTACT  
CHARLIE BRIDGES  
6310 PEAKE ROAD  
MACON, GA 31210  
(478) 477-3923



REVISION NO.	DESCRIPTION	DATE
A	RELEASED FOR BID	X-XX-XX

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C&S PROJECT NO.: F7500.053



**LEGEND**

	EXISTING	PROPOSED		EXISTING	PROPOSED
PROPERTY LINE	---	---	FIRE HYDRANT	⊙	⊙
EASEMENT LINE	---	---	YARD HYDRANT	⊙	⊙
RIGHT OF WAY	---	---	POST HYDRANT	⊙	⊙
EDGE OF PAVEMENT	---	---	VALVE	▽	▽
CREEK/DITCH	---	---	METER	⊙	⊙
CONTOUR	---100---	---100---	SEWER MANHOLE	⊙	⊙
SILT FENCE	X-X	X-X	SIGN	⊙	⊙
FENCE	XX	XX	MAILBOX	⊙	⊙
CENTERLINE	---	---	STRUCTURE	□	□
WATER LINE	W	W	TEMP. BENCHMARK	⊙	⊙
SANITARY SEWER	SS	SS	SOIL BORE	⊙	⊙
FORCE MAIN	FM	FM	TELEPHONE PEDESTAL	⊙	⊙
GAS LINE	GAS	GAS	HEADWALL	⊙	⊙
UNDERGROUND CABLE	UGC	UGC	RIPRAP	⊙	⊙
OVERHEAD POWER	OP	OP	PINE TREE	⊙	⊙
OVERHEAD TELEPHONE	OT	OT	HARDWOOD	⊙	⊙
STORM DRAIN	SD	SD	MISC. TREE	⊙	⊙
FIBER OPTIC CABLE	FOC	FOC	MISC. SHRUB	⊙	⊙
RAILROAD	RR	RR	IRON PIN FOUND	⊙	⊙
YARD PIPING	YP	YP	CONC. R/W MONUMENT	⊙	⊙
LIGHT POLE	⊙	⊙	SPOT ELEV.	⊙	⊙
HOUSE	▨	▨	DOWNSTREAM SAMPLING POINT FOR NPDES STORM WATER GENERAL PERMIT	▲	▲
MOBILE HOME	▨	▨	UPSTREAM SAMPLING POINT FOR NPDES STORM WATER GENERAL PERMIT	▲	▲
WELL	⊙	⊙			
CONTROL POINT	⊙	⊙			
CLEANOUT	⊙	⊙			
UTILITY POLE/GUY WIRE	⊙	⊙			

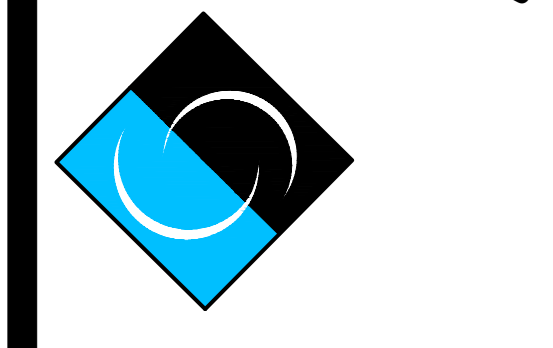
- GENERAL CONSTRUCTION NOTES:**
- CONTRACTOR TO NOTIFY UTILITY PROTECTION AGENCY 72 HOURS PRIOR TO START OF WORK. PHONE NUMBER: 1-800-282-7411.
  - CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO EXCAVATION.
  - EXISTING UTILITY LINES SHOWN ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY DEVIATIONS FROM THE DESIGN LOCATION SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.
  - IF THE CONTRACTOR DAMAGES ANY EXISTING UTILITIES DURING CONSTRUCTION, HE SHALL, AT HIS OWN EXPENSE, REPLACE OR REPAIR THE UTILITIES TO THEIR ORIGINAL CONDITION AND QUALITY, AS APPROVED BY THE ENGINEER AND REPRESENTATIVE OF THE APPROPRIATE UTILITY COMPANY.
  - WHEN CONSTRUCTION INVOLVES THE REMOVAL OF FENCES, POLES, SIDEWALKS, DRIVEWAYS, TEMPORARY OR PERMANENT FIXED STRUCTURES, THE CONTRACTOR, AT HIS EXPENSE, SHALL PROVIDE FOR THE TEMPORARY SERVICE OR CONTAINMENT TO THE AFFECTED PROPERTY AND SHALL REPLACE SUCH ITEMS WITH SIMILAR OR BETTER MATERIALS AS SOON AS PRACTICAL OR AS DIRECTED BY THE ENGINEER FOLLOWING PIPE INSTALLATION.
  - PEDESTRIAN AND LOCAL VEHICULAR TRAFFIC SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. SAFETY DEVICES AND FLAG MEN WILL BE PROVIDED BY THE CONTRACTOR AT HIS OWN EXPENSE. WRITTEN PERMISSION TO CLOSE THE CONSTRUCTION AREA TO TRAFFIC MUST BE OBTAINED FROM THE APPROPRIATE GOVERNMENT AGENCY PRIOR TO CLOSING.
  - CONTRACTOR SHALL PROVIDE AS-BUILTS CERTIFIED BY A REGISTERED LAND SURVEYOR. SEE SECTION 01720 OF THE SPECIFICATIONS FOR FURTHER REQUIREMENTS FOR "AS-BUILTS."
  - CONTRACTOR SHALL MATCH EXISTING GRASS WHEN REPAIRING DISTURBED AREAS.
  - ALL CROSS DRAINS AND DRIVEWAY CULVERTS MUST REMAIN OPEN AT ALL TIMES. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO DRAINS AND CULVERTS.
  - ALL EROSION AND SEDIMENT CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE AS DIRECTED BY THE ENGINEER OR OWNER.
  - ALL CONSTRUCTION STAKING SHALL BE BY THE CONTRACTOR AT HIS OWN EXPENSE.
  - CONTRACTOR SHALL DIRECTIONALLY BORE ALL PAVED DRIVEWAYS FOR THIS PROJECT TO MINIMIZE IMPACTS FOR PROPERTY OWNERS. BORES SHOULD BE OF AN APPROPRIATE LENGTH TO AVOID DAMAGE TO DRIVEWAYS, DRIVEWAY SIDE SLOPES, CULVERT PIPES, HEADWALLS, AND LANDSCAPING. NO SEPARATE PAYMENT WILL BE MADE FOR DIRECTIONAL BORING OF DRIVEWAYS. CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE PRIOR TO PREPARING HIS BID TO DETERMINE THE LENGTH NECESSARY FOR DRIVEWAY BORES AND INCLUDING THE APPROPRIATE COSTS IN HIS UNIT PRICE FOR WATER MAIN INSTALLATION.

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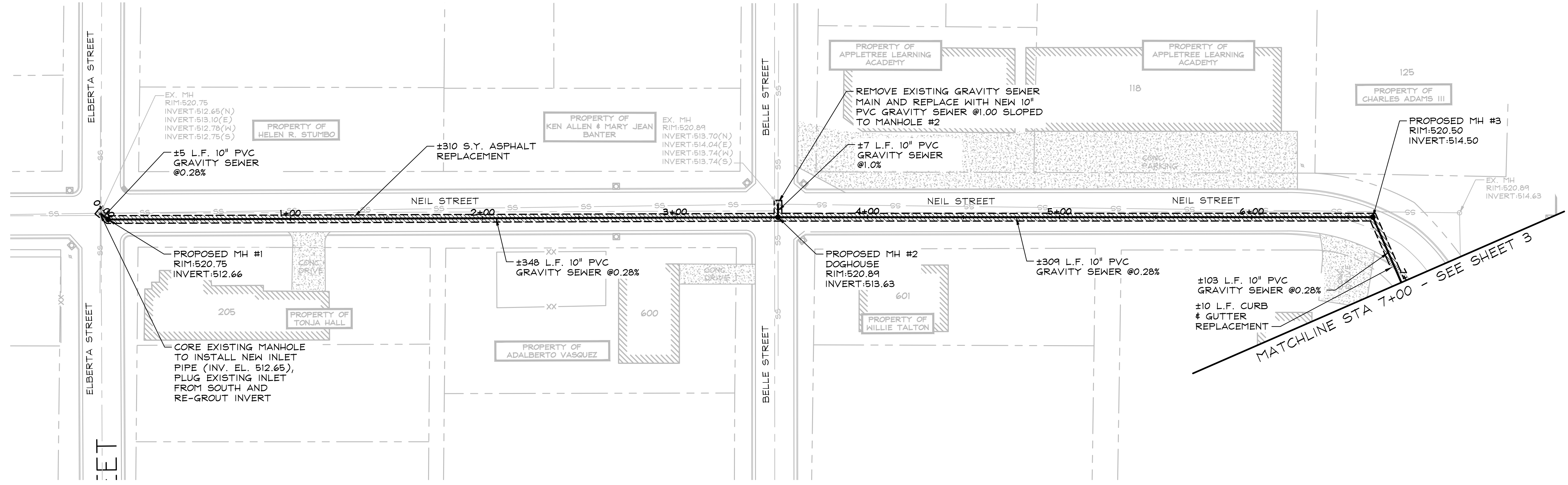
DSGN:	C & S
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DATE:	JUNE 2018
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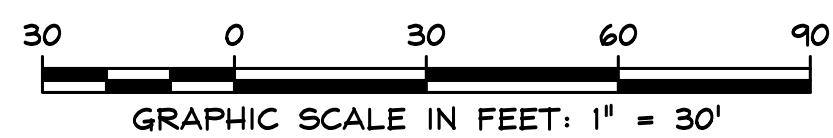
Know what's below.  
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GENERAL LAYOUT AND NOTES

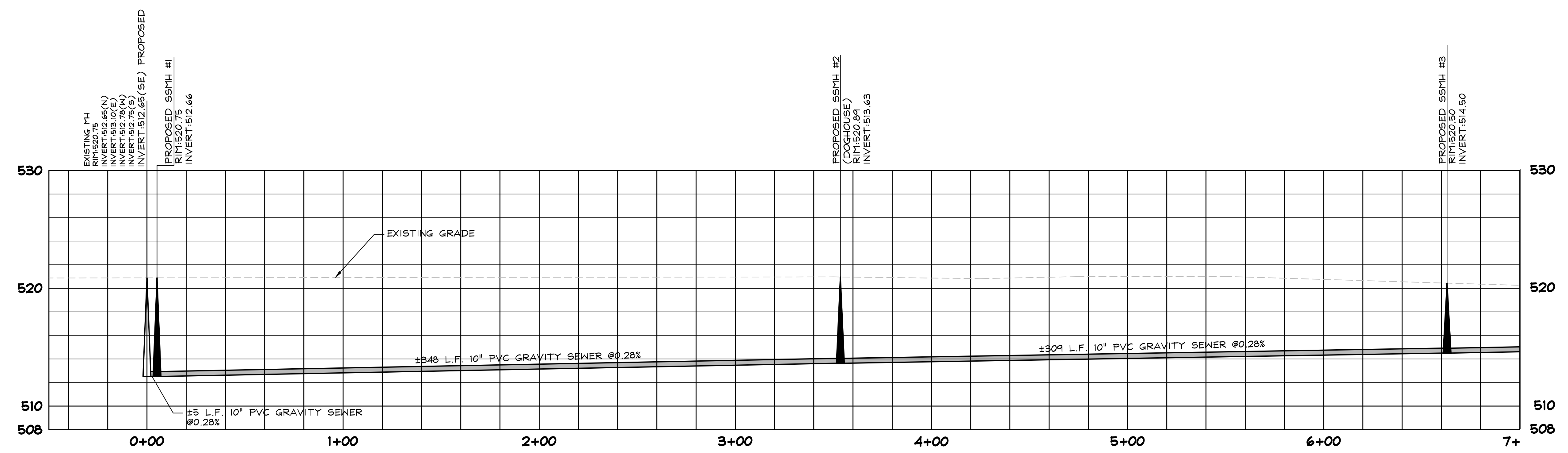




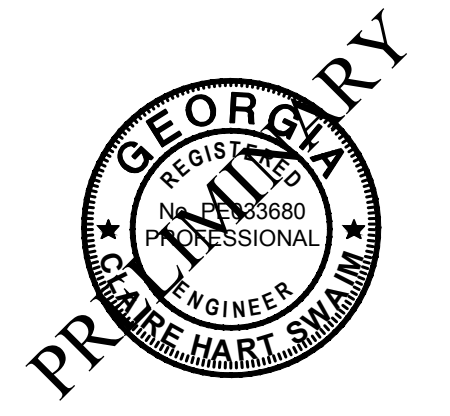
SERVICE TRANSFERS:  
4 - STANDARD SERVICE REINSTATEMENTS



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SEWER REHAB NEIL STREET



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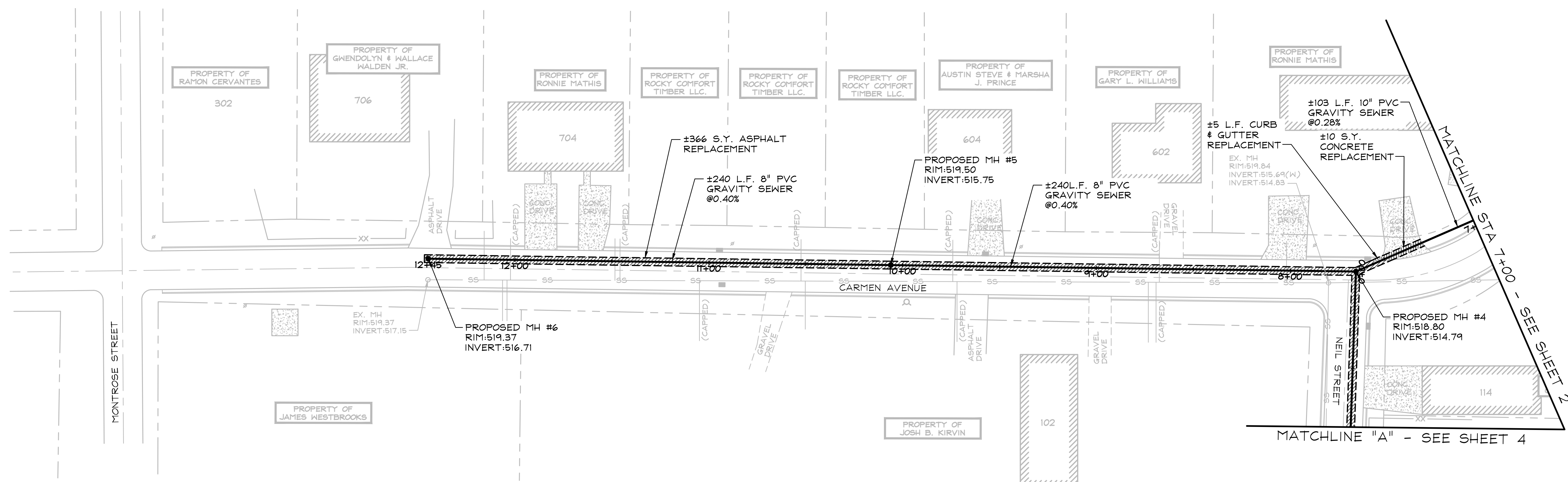
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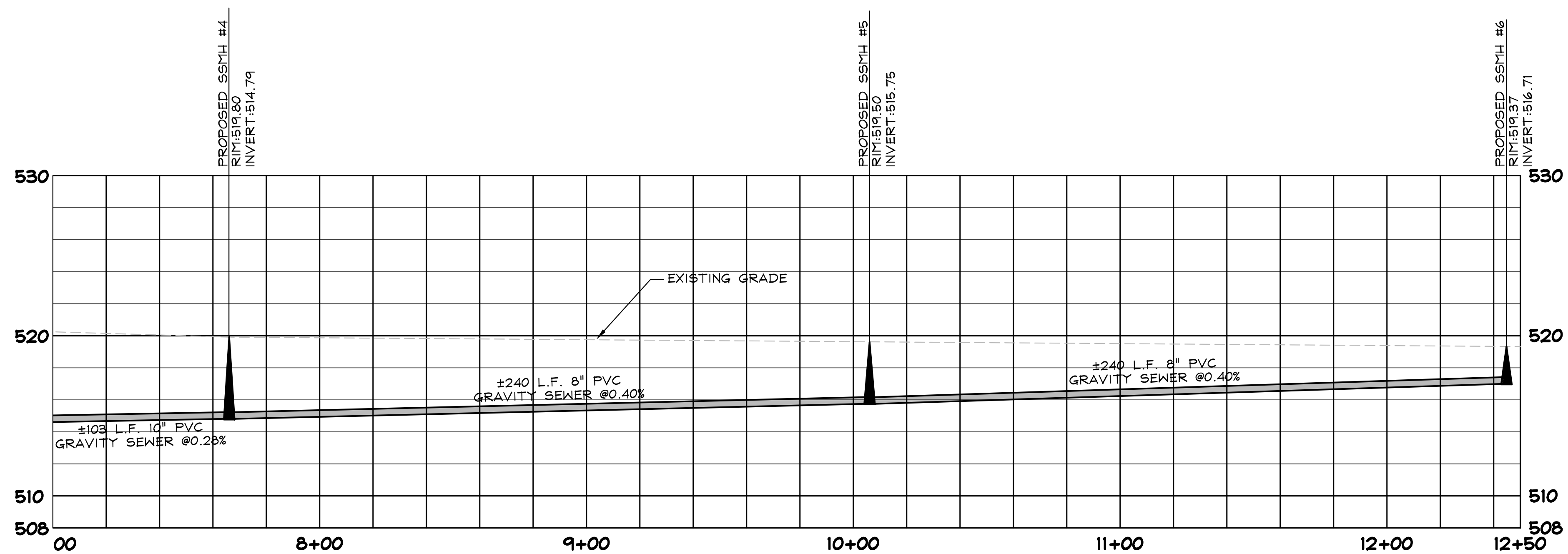
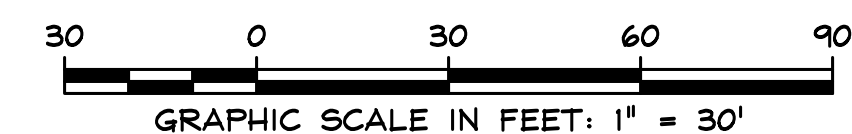
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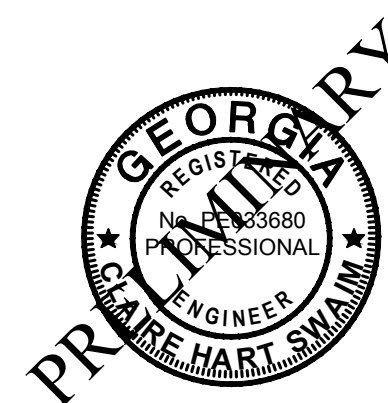
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SERVICE TRANSFERS:  
8 - STANDARD SERVICE REINSTATEMENTS



# SEWER REHAB NEIL STREET & CARMEN STREET



REVISIONS:

## FY 2017 CDBG SEWER SYSTEM IMPROVEMENTS FOR THE FORT VALLEY UTILITY COMMISSION

PEACH COUNTY, GEORGIA

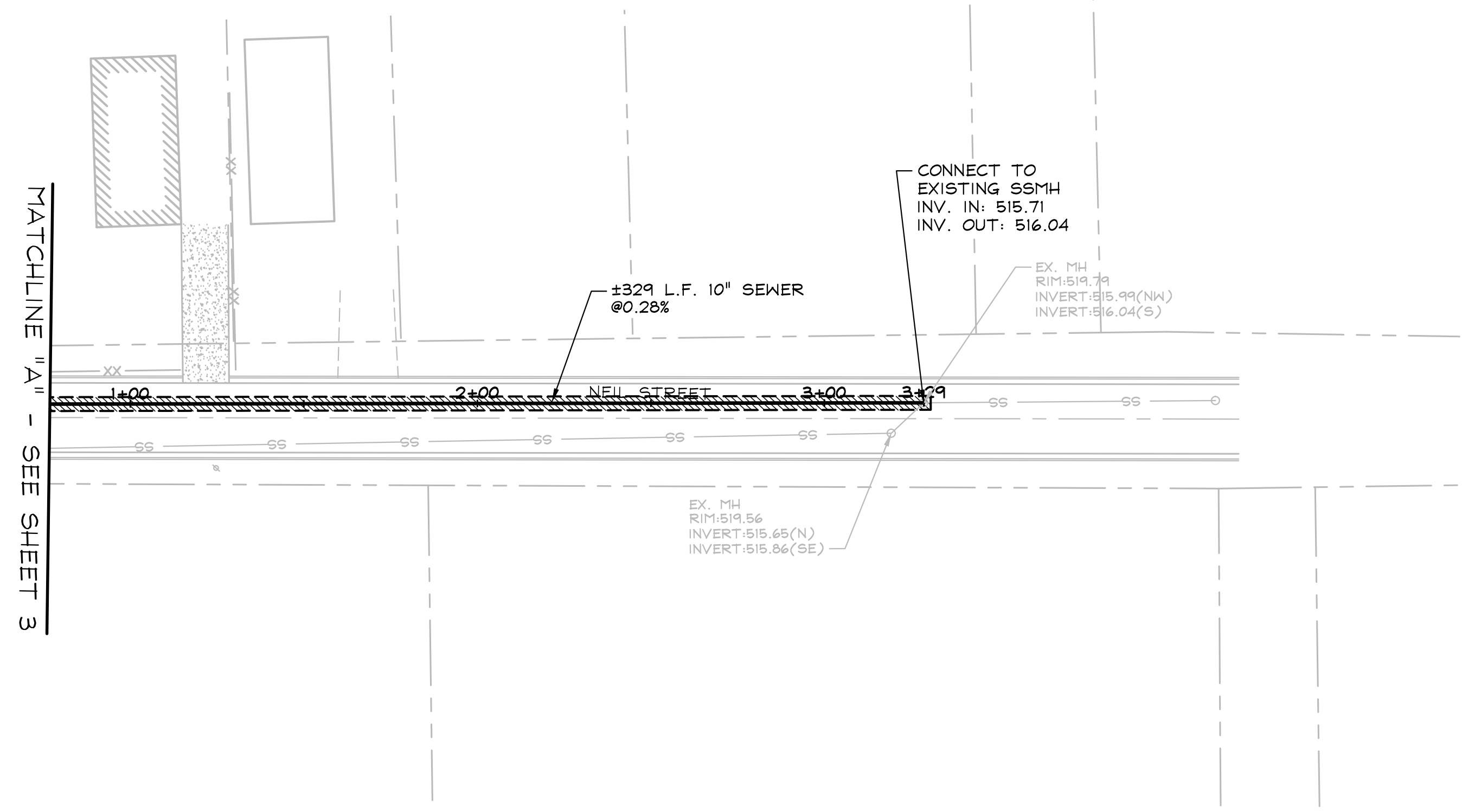
## Carter & Sloop

CONSULTING ENGINEERS

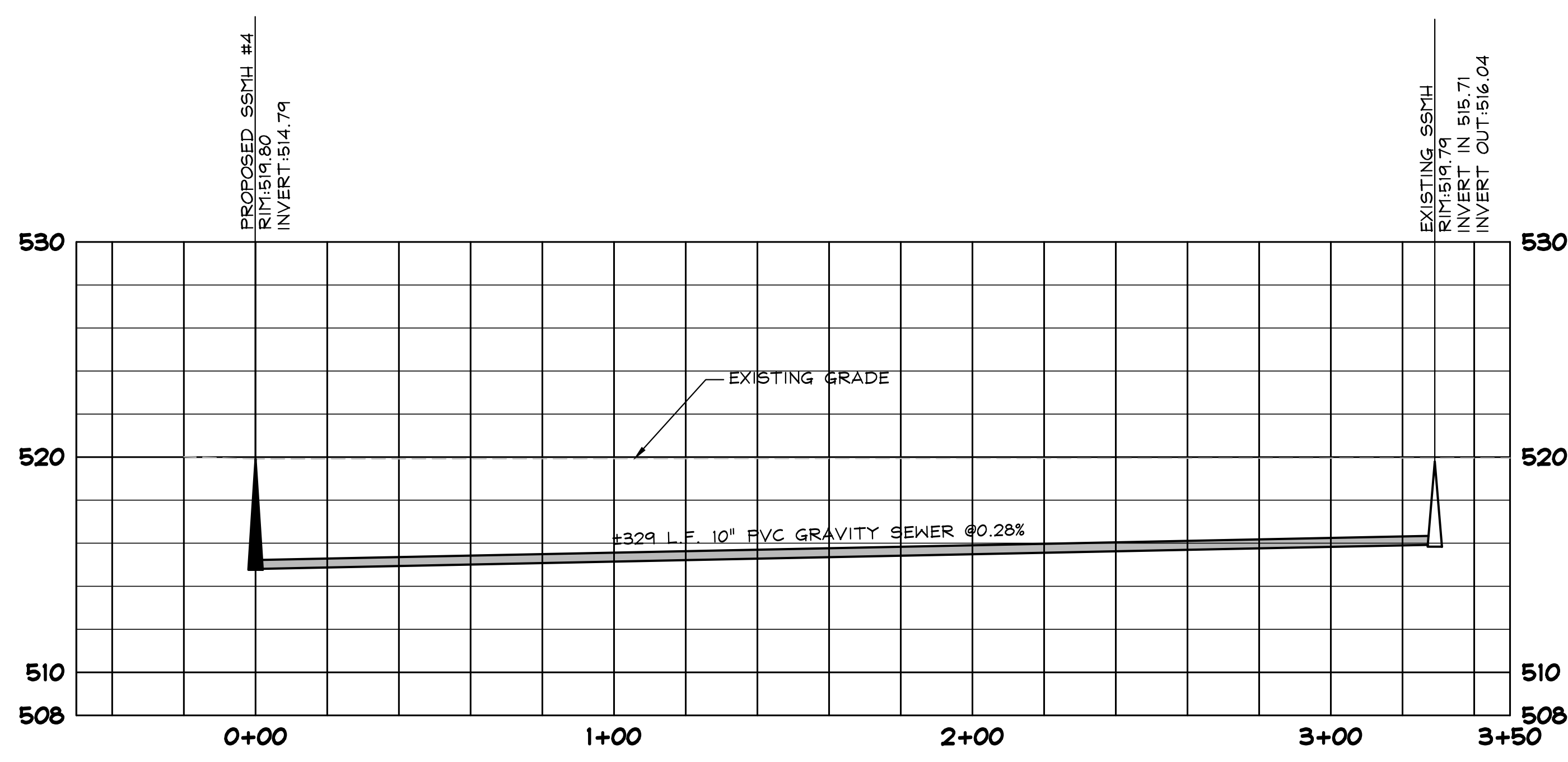
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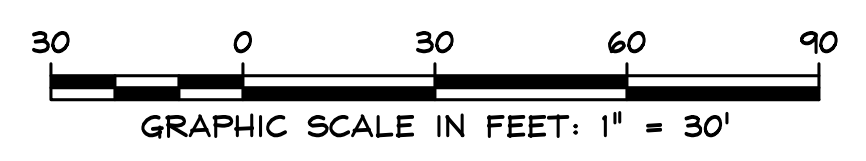
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SERVICE TRANSFERS:  
6 - STANDARD SERVICE REINSTATEMENTS



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# SEWER REHAB NEIL STREET



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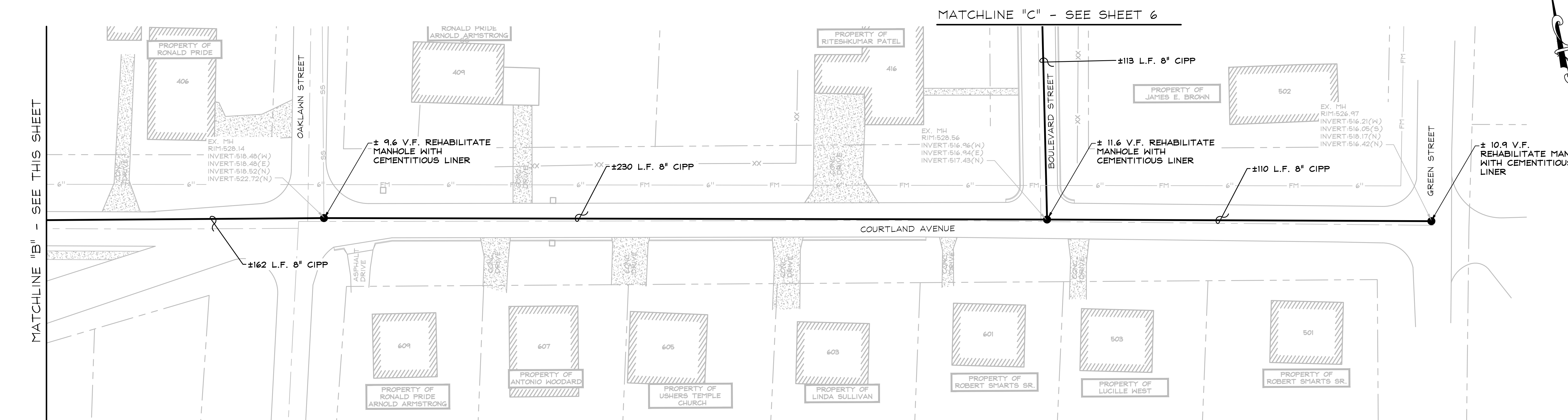
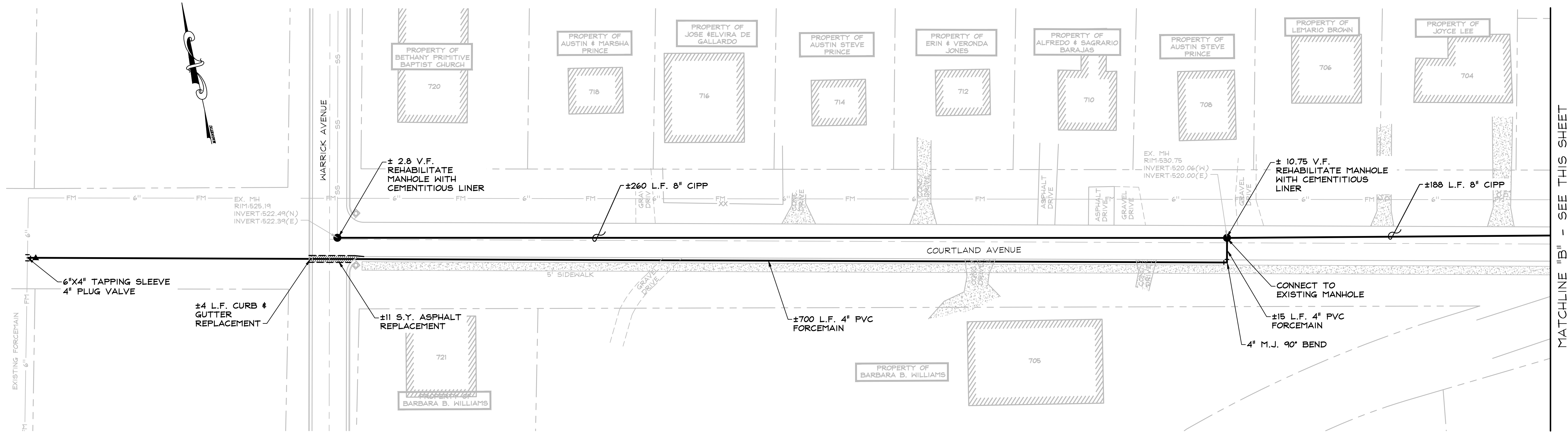
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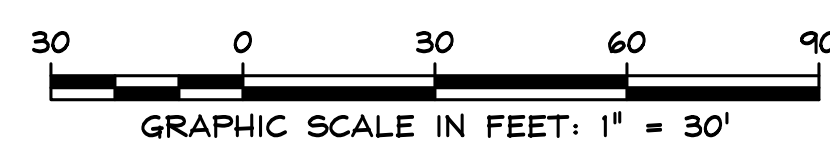


NOTE:  
 LATERALS TO BE ROBOTICALLY  
 REINSTATED TO NEW CIPP MAIN  
 AND TOP HATS TO BE INSTALLED.

SERVICE TRANSFERS:  
 22 - CIPP SERVICE REINSTATEMENTS



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# SEWER REHAB COURTLAND AVENUE



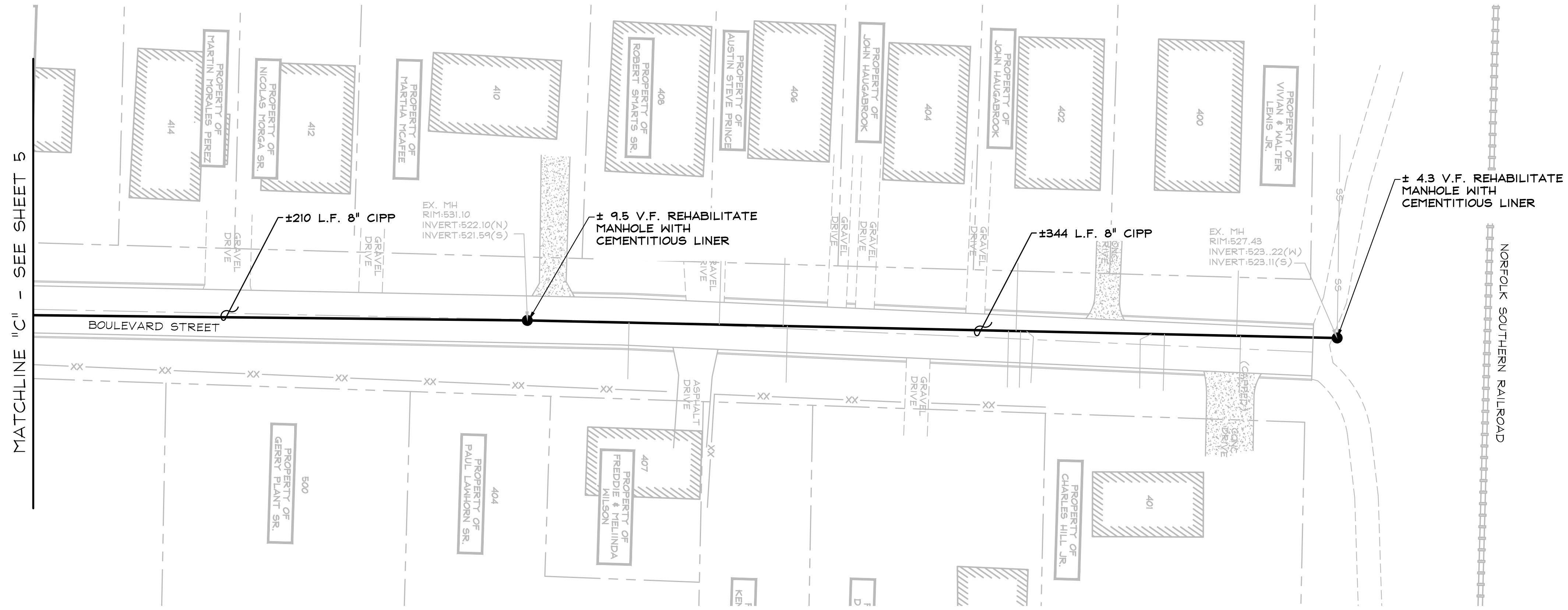
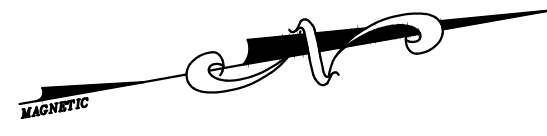
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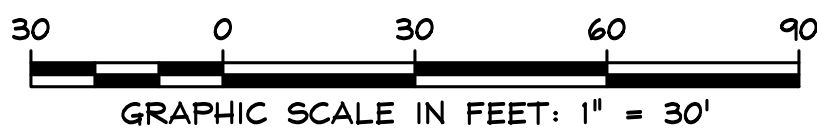
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SERVICE TRANSFERS:  
12 - CIPP SERVICE REINSTATEMENTS

NOTE:  
LATERALS TO BE ROBOTICALLY  
REINSTATED TO NEW CIPP MAIN  
AND TOP HATS TO BE INSTALLED.



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# SEWER REHAB BOULEVARD STREET



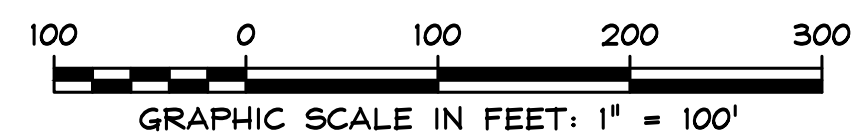
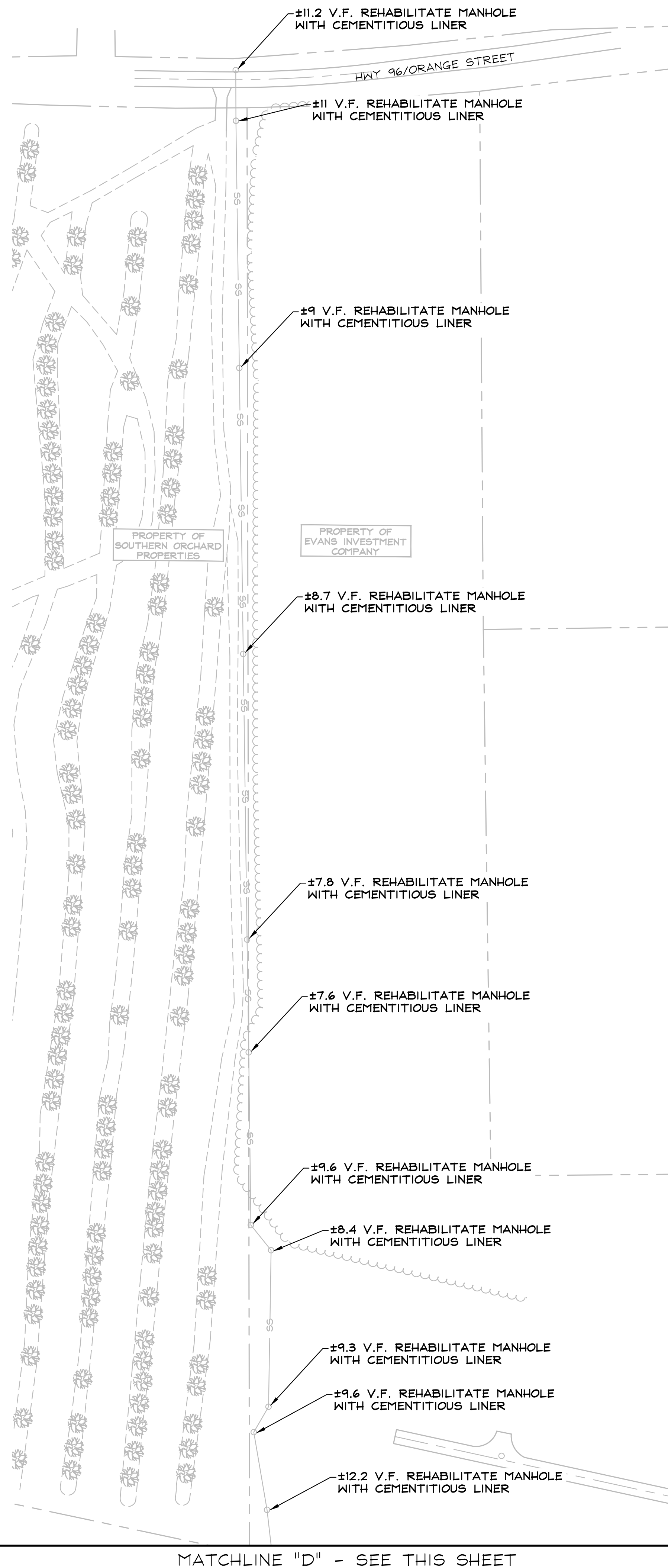
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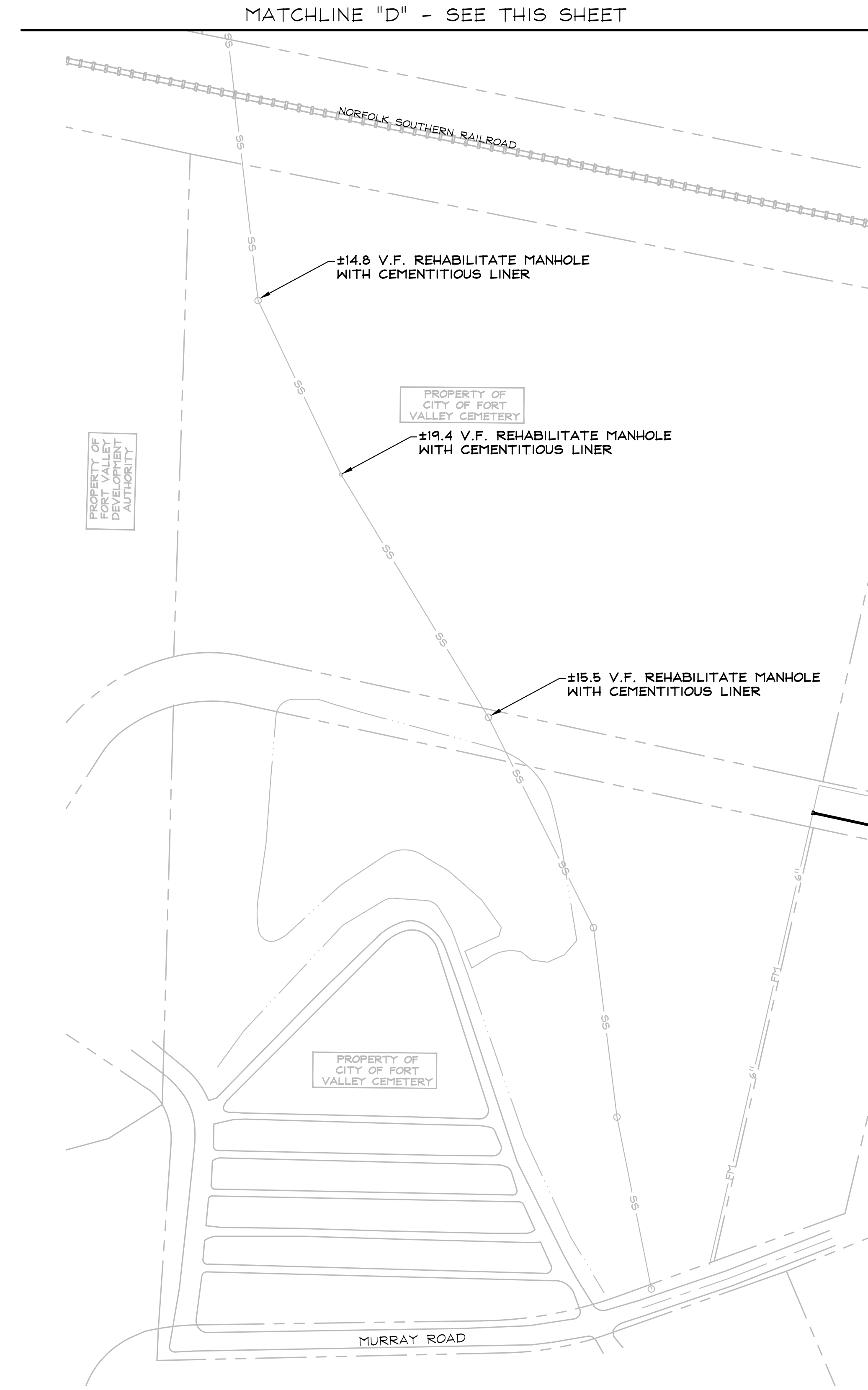
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# SEWER MANHOLE REHAB



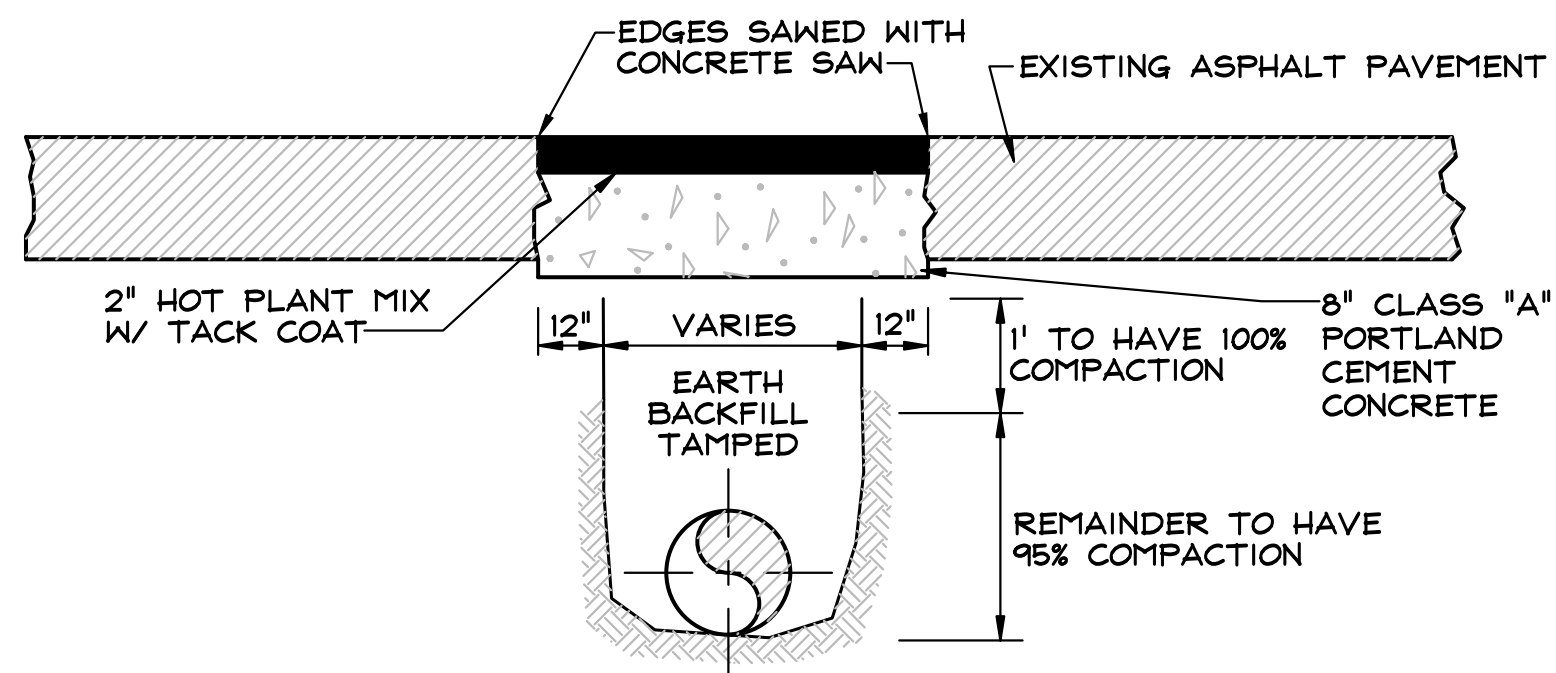
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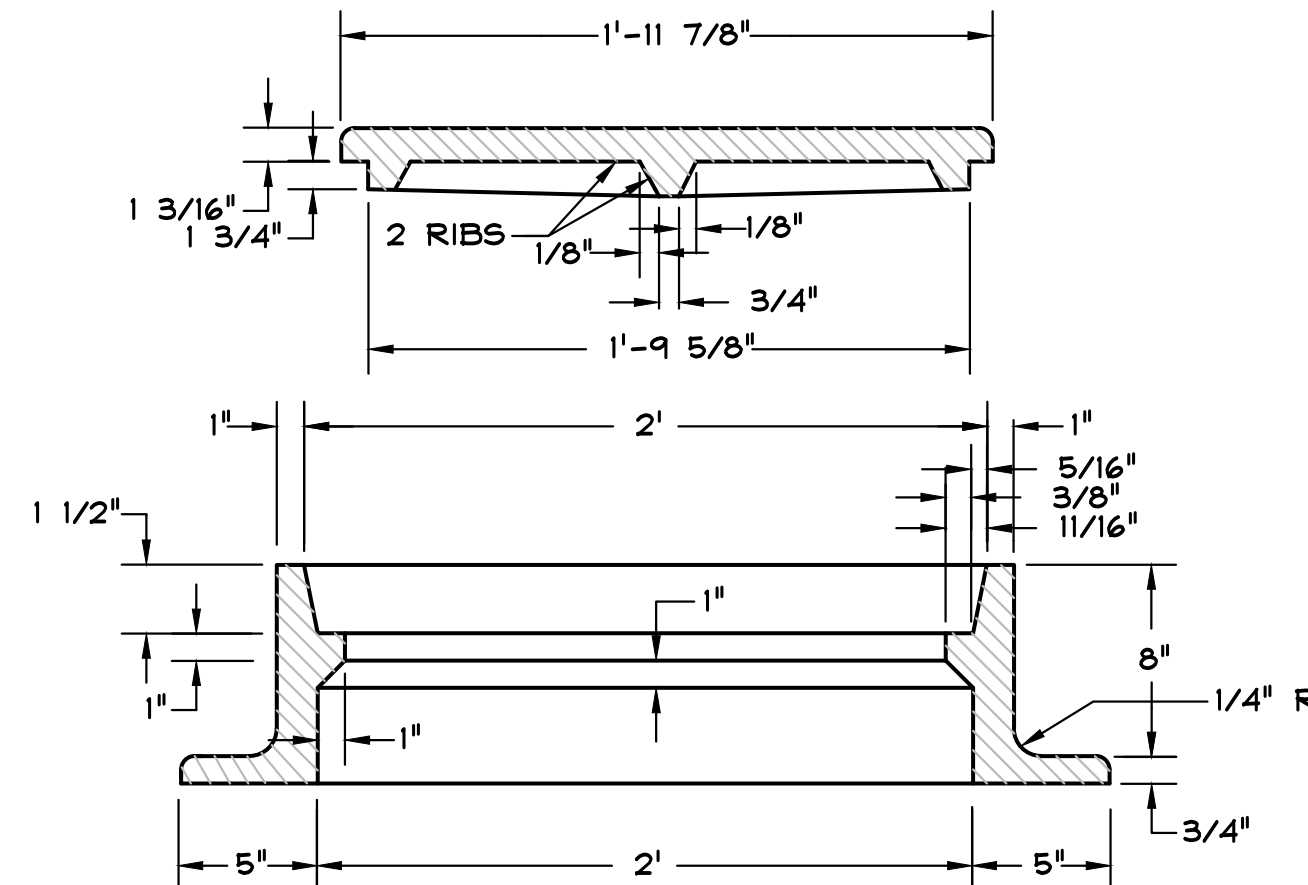
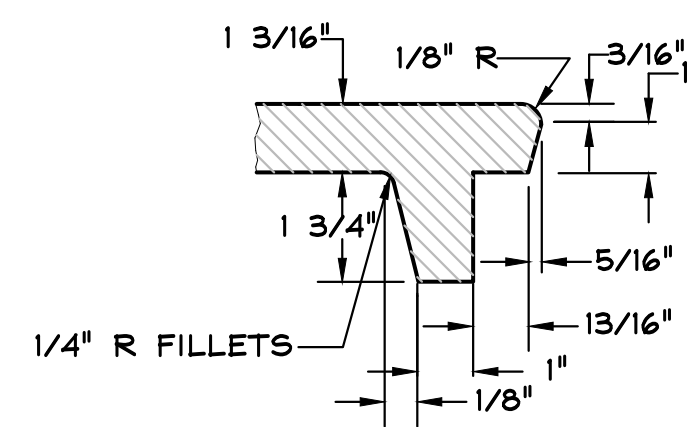
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**ASPHALT REMOVAL & REPLACEMENT**

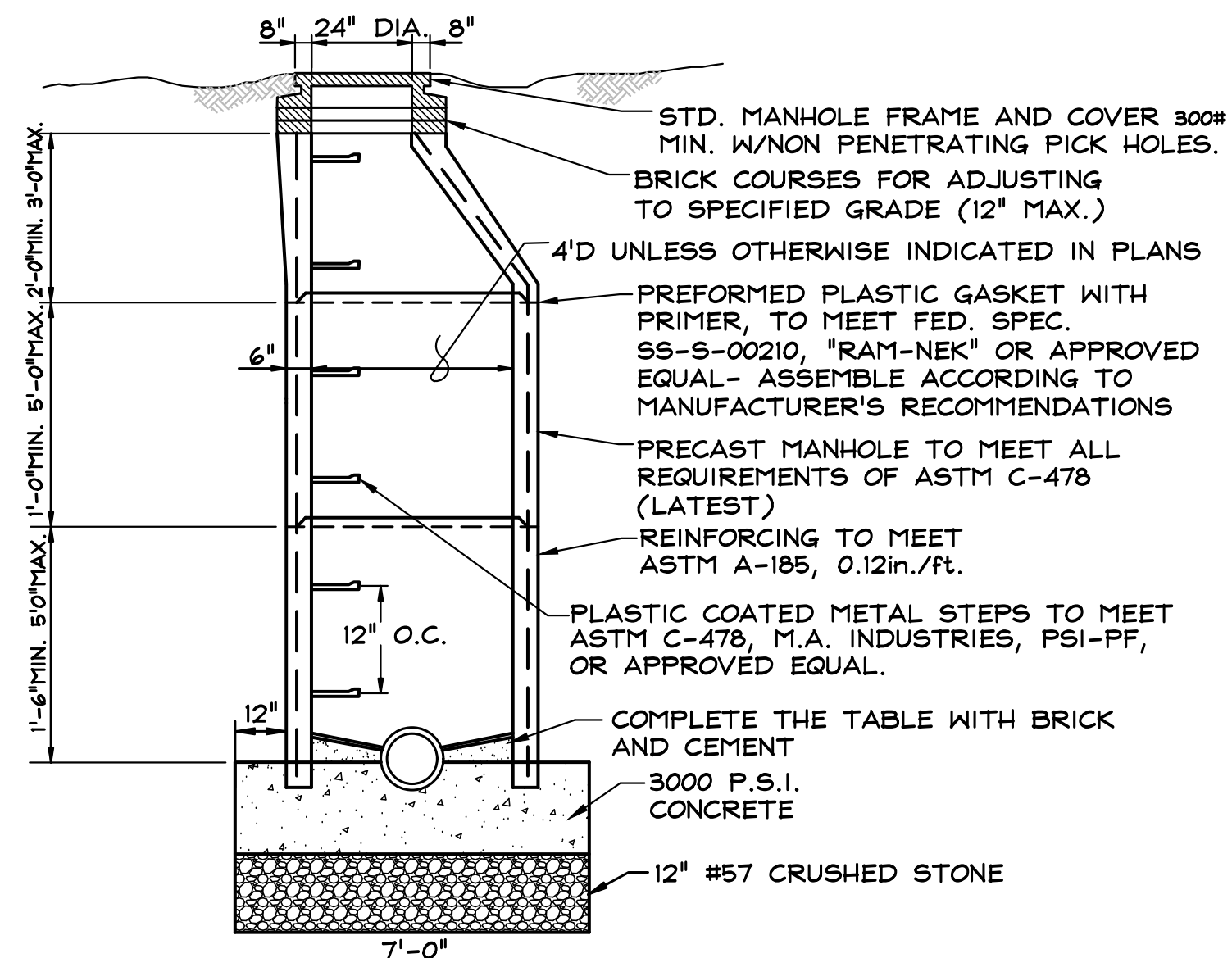
N.T.S.



NOTE: PICKHOLES SHALL BE NON-PENETRATING AND WATER TIGHT. CORRUGATION AND TWO PICKHOLES IN COVER, NO PERFORATION. SEATING SURFACE OF FRAMES AND COVERS TO BE MACHINED TO FIT. FRAME AND COVER SHALL WEIGH 300 POUNDS MINIMUM.

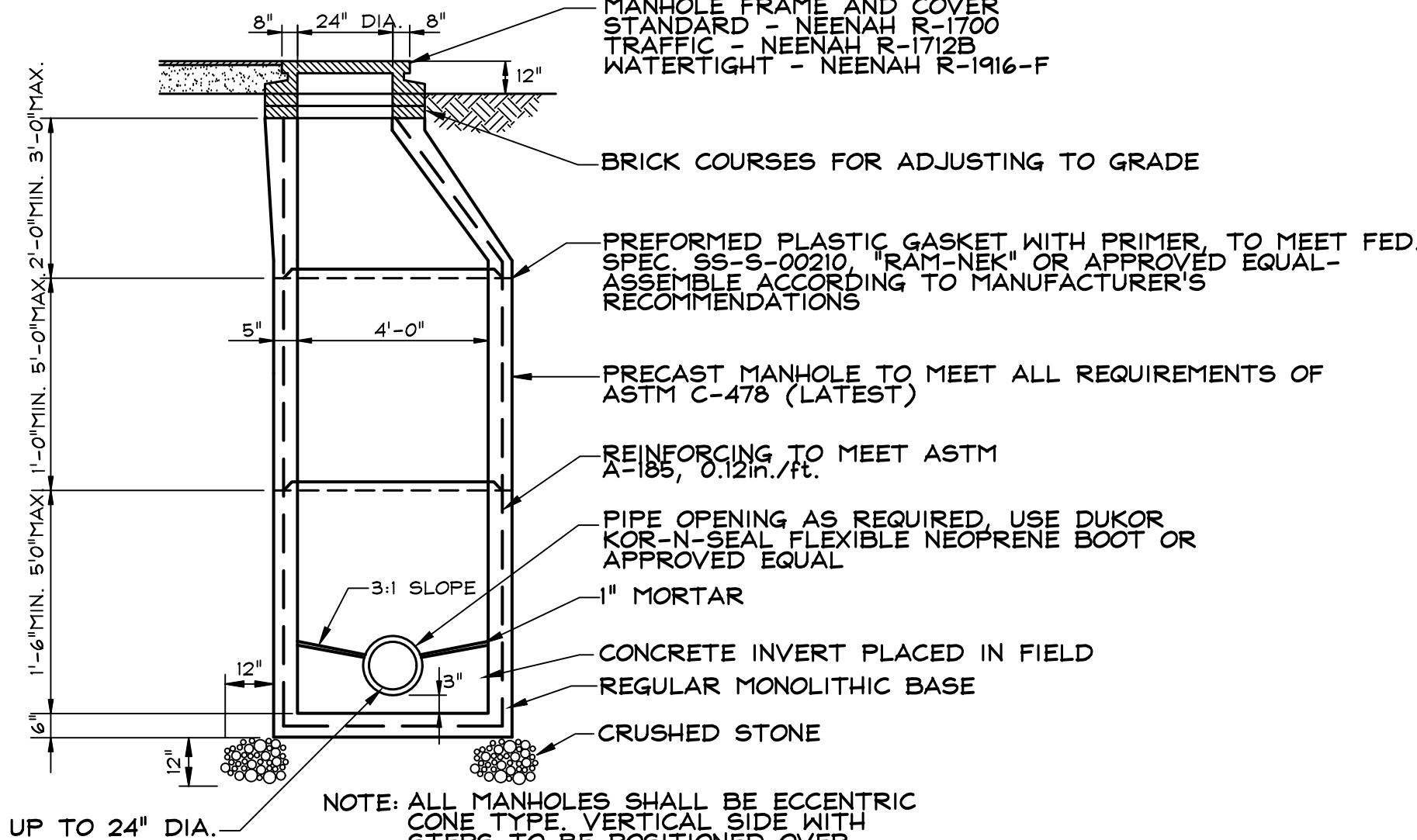
**STANDARD MANHOLE FRAME AND COVER**

N.T.S.



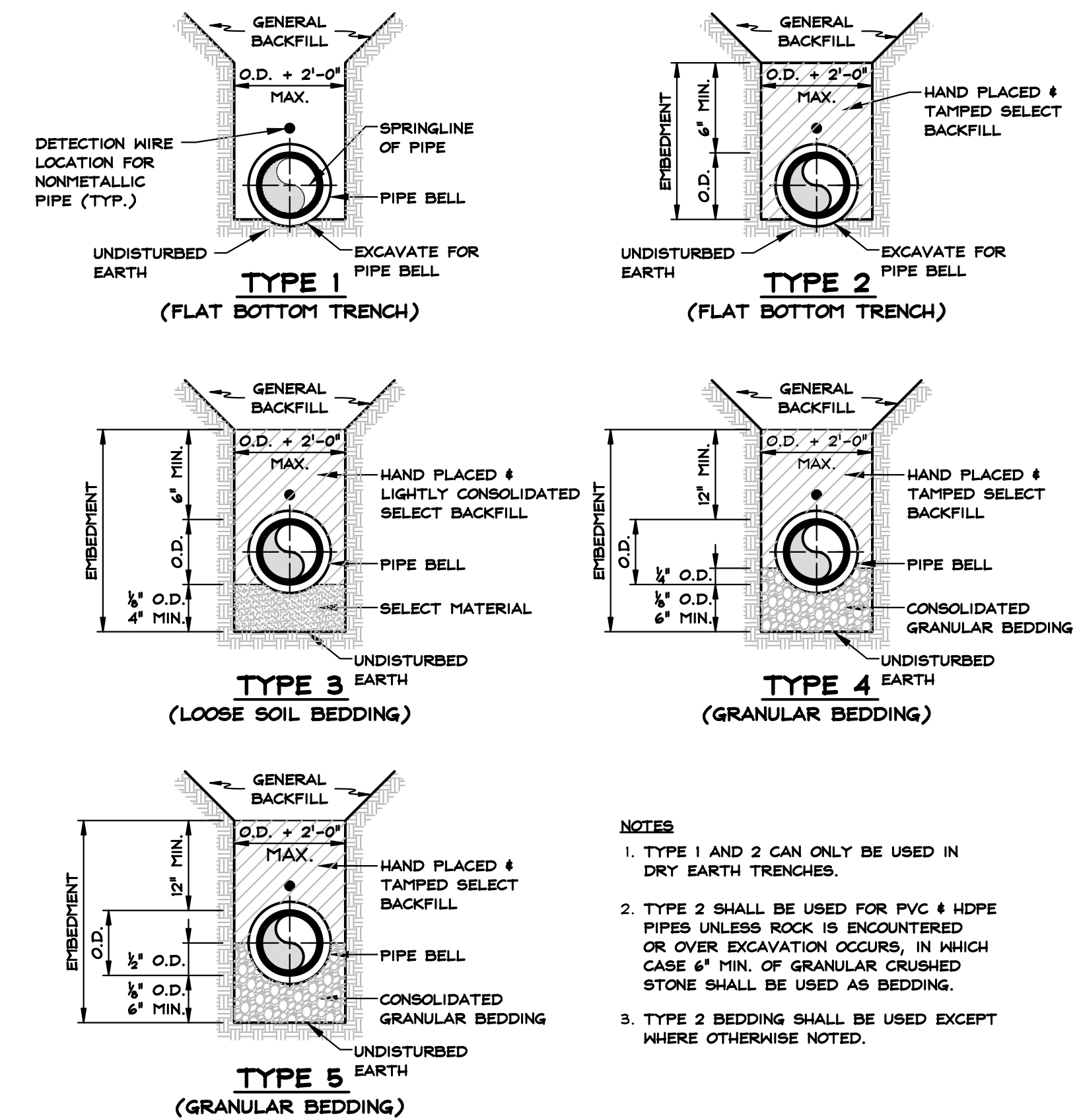
**DOGHOUSE MANHOLE**

N.T.S.



**PRECAST CONCRETE MANHOLE DETAIL**

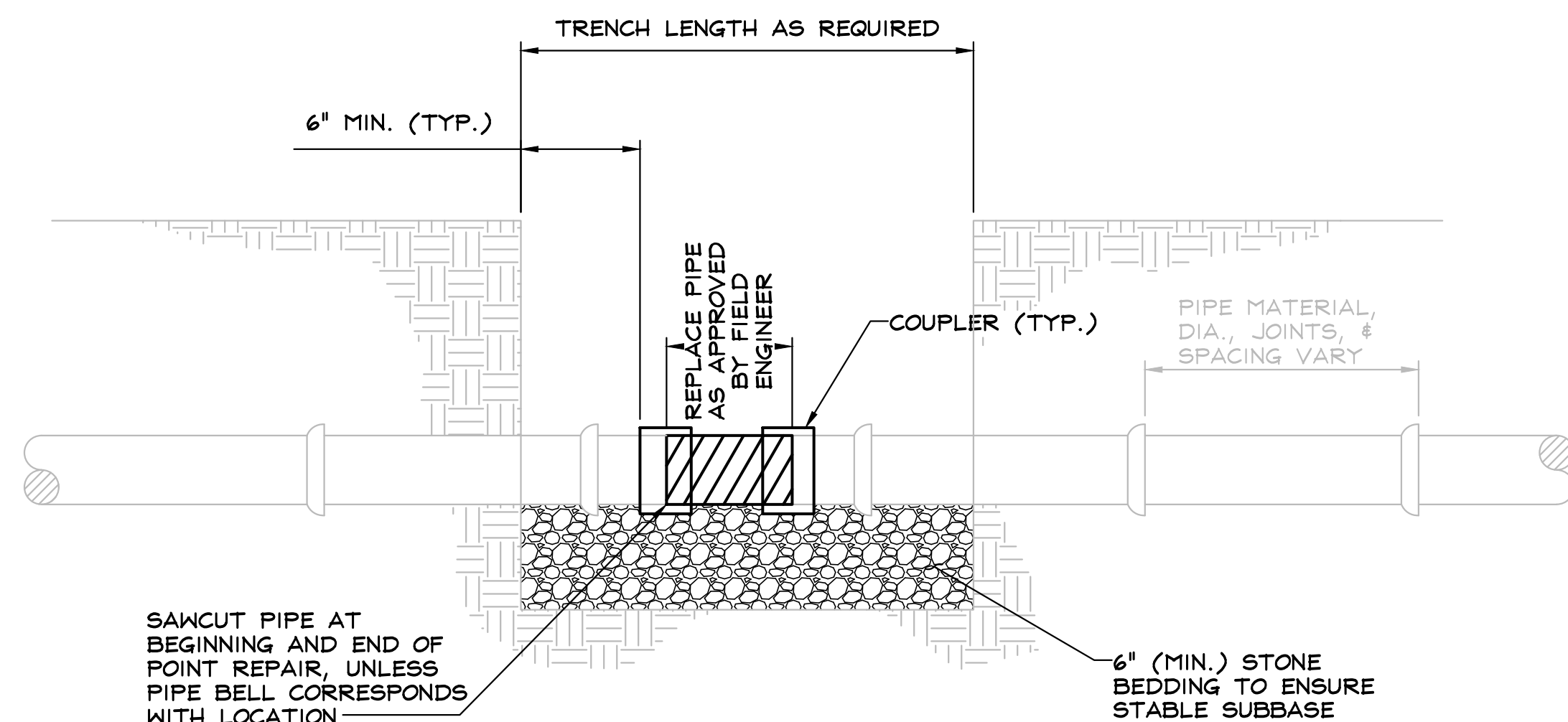
N.T.S.



**PIPE BEDDING AND HAUNCHING DETAILS**

N.T.S.

NOTES:  
 1. TYPE 1 AND 2 CAN ONLY BE USED IN DRY EARTH TRENCHES.  
 2. TYPE 2 SHALL BE USED FOR PVC & HDPE PIPES UNLESS ROCK IS ENCOUNTERED OR OVER EXCAVATION OCCURS, IN WHICH CASE 6" MIN. OF GRANULAR CRUSHED STONE SHALL BE USED AS BEDDING.  
 3. TYPE 2 BEDDING SHALL BE USED EXCEPT WHERE OTHERWISE NOTED.



**POINT REPAIR DETAIL**

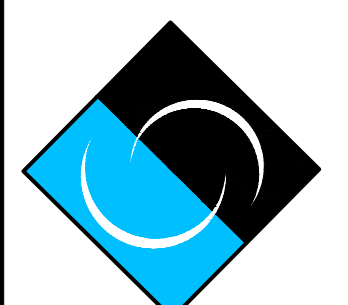
N.T.S.

**MISCELLANEOUS DETAILS**

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