

09/28/2019

See Sheet 1A For Index of Sheets (NOT INCLUDED)
See Sheet 1B For Conventional Symbols

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

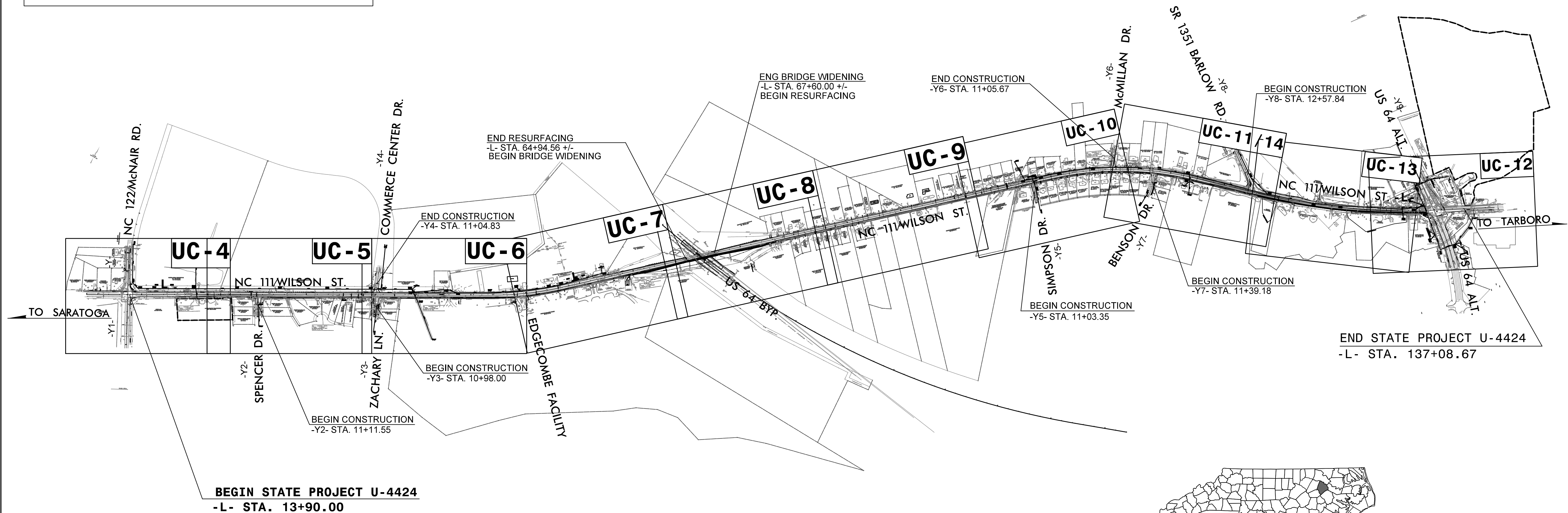
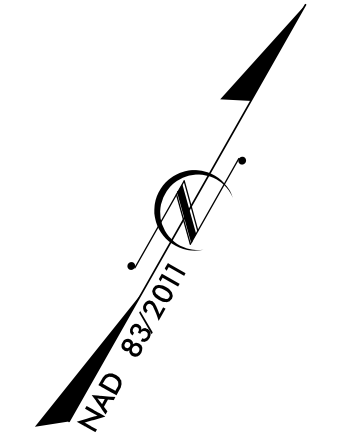
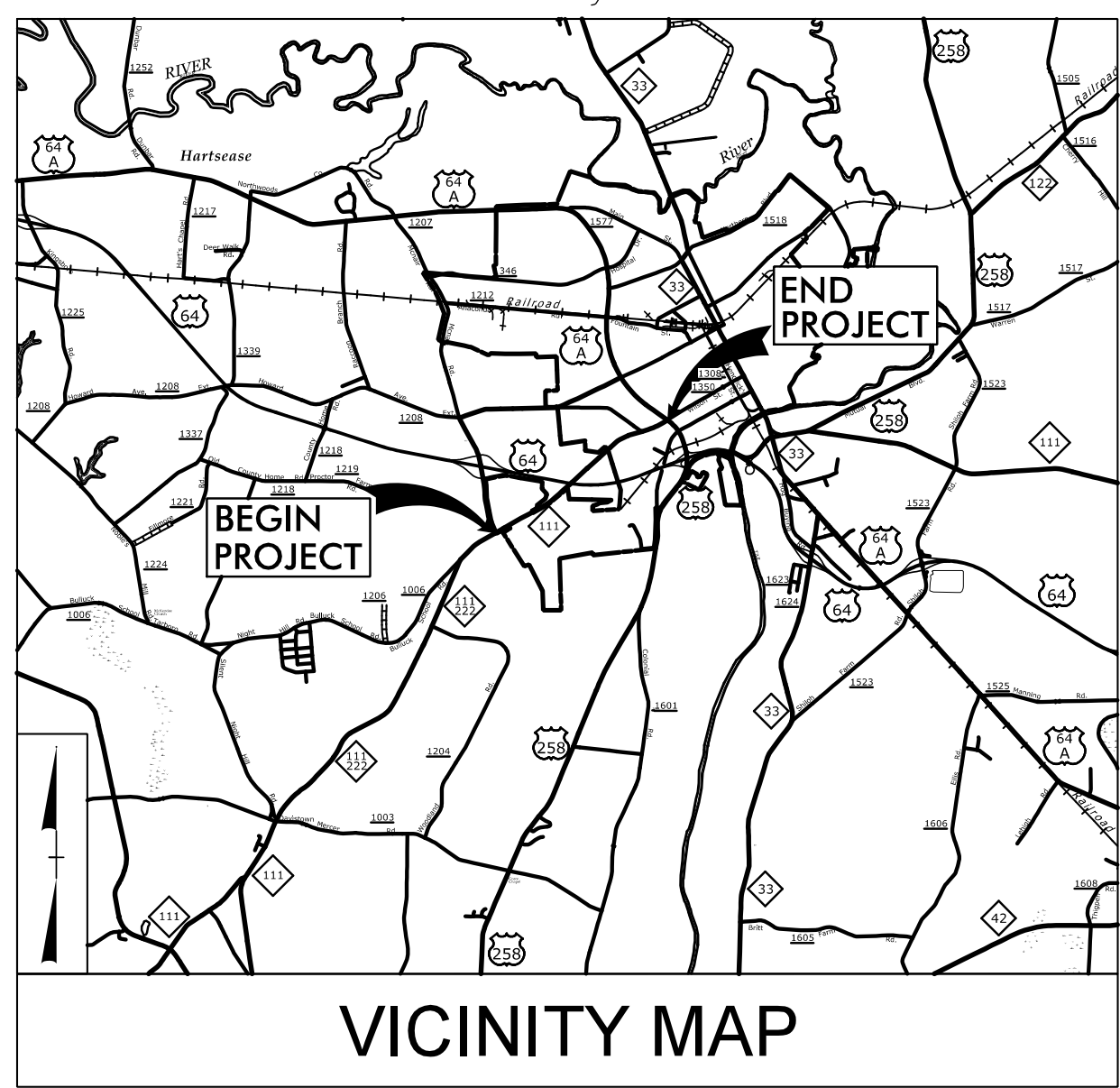
| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------------------|----------------|--------------|
| N.C. | U-4424 | UC-1 | |
| STATE PROJ. NO. | F.A. PROJ. NO. | DESCRIPTION | |
| 39062.1.2 | N/A | PE | |
| 39062.2.2 | N/A | RW & UTILITIES | |
| 39062.3.2 | N/A | CONSTRUCTION | |
| | | | |
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| | | | |

TIP PROJECT: U-4424

UTILITY CONSTRUCTION PLANS EDGECOMBE COUNTY

**LOCATION: NC 111 (WILSON STREET) FROM NC 122 (MCNAIR ROAD) TO
US 64 ALTERNATE (WESTERN BOULEVARD)**

TYPE OF WORK: WATER AND SEWER UTILITIES

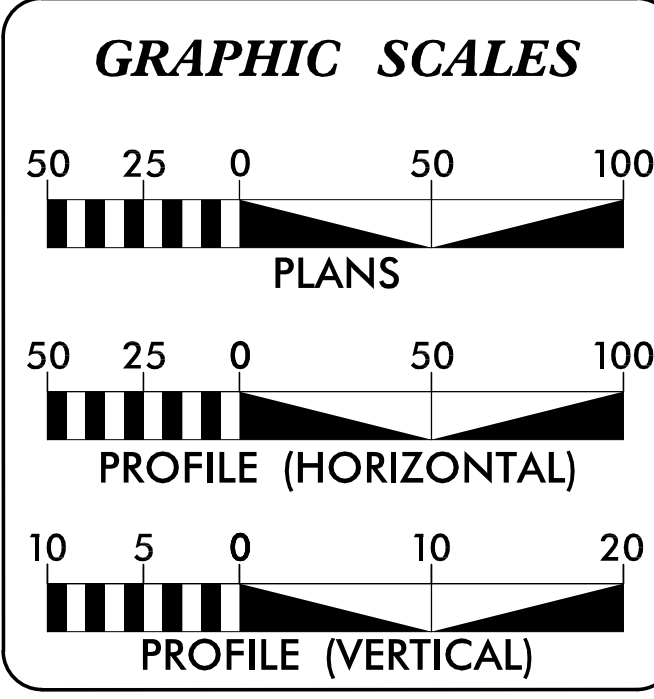


A PORTION OF THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF TOWN OF TARBORO.
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.



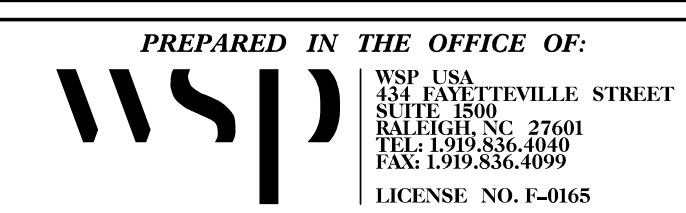
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UNLESS ALL SIGNATURES COMPLETED

CONTRACT:



WATER AND SEWER OWNERS ON PROJECT

- (1) WATER - TOWN OF TARBORO
- (2) SEWER - TOWN OF TARBORO

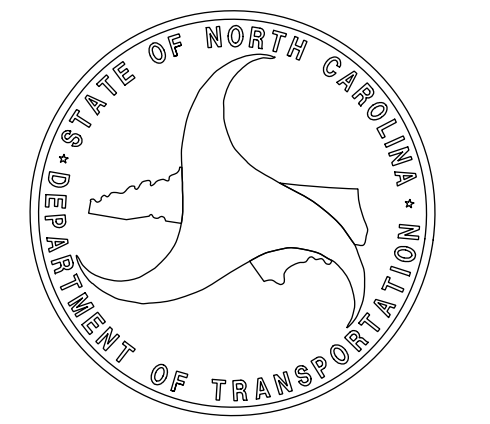


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| 2018 STANDARD SPECIFICATIONS | FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION |
| RIGHT OF WAY DATE: JUNE 21, 2019 | RONYELL THIGPEN, PE PROJECT ENGINEER |
| LETTING DATE: JUNE 20, 2023 | ERIC MISAK PROJECT DESIGN ENGINEER |
| NCDOT CONTACT: | CHARLES HEAFNER, PE PROJECT UTILITY ENGINEER |
| | RUSSELL BROADWELL, PE DIVISION 4 |

UTILITIES ENGINEER



5/11/2023
DocuSigned by:
Charles Heafner
SIGNATURE P.E.



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INDEX OF SHEETS


| SHEET NUMBER | SHEET |
|--------------|---|
| UC-1 | TITLE SHEET |
| UC-2 | INDEX OF SHEETS AND GENERAL NOTES |
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| UC-4 | PLAN SHEET |
| UC-5 | PLAN & PROFILE SHEET (WL-1 STA. 1+00 TO 10+00) |
| UC-6 | PLAN & PROFILE SHEET (WL-1 STA. 10+00 TO 24+00) |
| UC-7 | PLAN & PROFILE SHEET (WL-1 STA. 24+00 TO 34+00) |
| UC-8 | PLAN & PROFILE SHEET (WL-2 STA. 1+00 TO 7+00) |
| UC-9 | PLAN & PROFILE SHEET (WL-2 STA. 7+00 TO 21+00) |
| UC-10 | PLAN & PROFILE SHEET (WL-2 STA. 21+00 TO 35+00) |
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| UC-14 | PLAN & PROFILE SHEET (SS) |
| UC-15 | DETAIL SHEET |
| UC-16 | DETAIL SHEET |

PROJECT SPECIFIC NOTES:

- ALL 12-INCH AND SMALLER DIAMETER PIPE SHALL BE DUCTILE IRON, PUSH-ON JOINT PRESSURE CLASS 350, UNLESS OTHERWISE NOTED ON THE UTILITY CONSTRUCTION PLANS.
- ALL 16-INCH AND LARGER DIAMETER PIPE SHALL BE DUCTILE IRON, PUSH-ON JOINT PRESSURE CLASS 250 UNLESS OTHERWISE NOTED ON THE UTILITY CONSTRUCTION PLANS.
- VALVES ON WATER MAINS SMALLER THAN 20-INCH IN DIAMETER SHALL BE DIRECT BURY GATE VALVES, UNLESS OTHERWISE NOTED ON THE UTILITY CONSTRUCTION PLANS.
- WALL BLOCKING SHALL BE USED ON EXISTING WATER LINES AT PROPOSED RELOCATION TIE-IN POINTS.
- CONTRACTOR SHALL CONNECT ALL WATER LINES AND SERVICE CONNECTIONS USING NECESSARY FITTINGS.
- ALL BACKFLOW PREVENTORS ARE THE RESPONSIBILITY OF THE PROPERTY OWNER.
- FOR FIRE HYDRANTS TO BE REMOVED, THE CONTRACTOR SHALL COORDINATE WITH THE TOWN OF TARBORO TO DETERMINE A SUITABLE LOCATION TO STOCKPILE THE FIRE HYDRANTS AND ASSOCIATED ITEMS.
- CONTRACTORS ATTENTION IS DIRECTED TO SECTIONS 102, 107, AND 1550 OF THE NCDOT STANDARD SPECIFICATIONS CONCERNING TRENCHLESS INSTALLATION. IT IS CONTRACTOR'S RESPONSIBILITY TO HAVE BORE DESIGNED AND SEALED BY A LICENSED NORTH CAROLINA PROFESSIONAL ENGINEER. NO DAMAGE IS ALLOWED TO RIVER, WETLANDS, OR BUFFER ZONES.
- EXISTING SANITARY SEWER MANHOLES ARE TO BE EVALUATED AT THE TIME OF CONSTRUCTION, BY A STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF NORTH CAROLINA, TO DETERMINE IF FULL REPLACEMENT OF THE STRUCTURE IS REQUIRED FOR IT TO SUPPORT ANTICIPATED LIVE LOADS. IF THE EXISTING STRUCTURE IS DEEMED STRUCTUALLY ADEQUATE, THE PROPOSED REPLACEMENT MANHOLE CAN BE OMITTED.

GENERAL UTILITY NOTES:

- ALL WATER AND SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF TARBORO STANDARD DETAILS AND SPECIFICATIONS AND NCDOT UTILITY STANDARDS.
- EXISTING UNDERGROUND UTILITIES SHOWN IN PROFILES ARE SHOWN APPROXIMATE UNLESS TEST HOLE INFORMATION IS PROVIDED.
- EXISTING UTILITIES ARE ILLUSTRATED FOR INFORMATION PURPOSES ONLY. NCDOT WILL NOT BE HELD RESPONSIBLE FOR THE ACCURACY OF UTILITY LOCATIONS, SIZES, DEPTHS, OR THE COMPLETENESS OF UTILITY INFORMATION. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITY INFORMATION.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL INTERRUPTION OF WATER SERVICE WITH AFFECTED BUSINESSES, RESIDENTS, AND CHARLOTTE WATER AT LEAST 72 HOURS PRIOR TO THE PLANNED INTERRUPTION OF SERVICE.
- CONTRACTOR SHALL PHASE WATER UTILITY CONSTRUCTION TO MINIMIZE THE FREQUENCY AND DURATION OF WATER SERVICE INTERRUPTIONS. CONTRACTOR IS RESTRICTED TO WORKING ON INDIVIDUAL 12" AND LARGER WATERMAINS, ONE AT A TIME. NO TWO WATERMAINS, 12" AND LARGER, MAY BE SHUT DOWN CONCURRENTLY W/O TOWN OF TARBORO APPROVAL.
- CONTRACTOR SHALL PERFORM WATER LINE ACCEPTANCE TESTING IN ACCORDANCE WITH THE RESPECTIVE OWNER, AND NCDENR (DIVISION OF ENVIRONMENTAL HEALTH, PUBLIC WATER SUPPLY SECTION) REQUIREMENTS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS WHOSE FACILITIES WILL BE AFFECTED TO DETERMINE UTILITY LOCATIONS. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING WATER AND SANITARY SEWER SERVICES AND ENSURING THAT ALL EXISTING SERVICES, WITH THE LIMITS OF THE PROPOSED WATER AND SANITARY SEWER RELOCATION, ARE RECONNECTED TO THE NEW MAINS.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL PROTECT ALL UTILITIES FROM DAMAGE CAUSED BY HIS OPERATIONS OR THOSE OF HIS AGENTS. CONTRACTOR SHALL HOLD THE NCDOT HARMLESS FOR ANY THIRD PARTY INCONVENIENCE CREATED BY WORK OF HIS OWN FORCES OR THAT OF HIS AGENTS.
- CONTRACTOR SHALL ADJUST VALVE BOXES, MANHOLES, AND OTHER UTILITIES TO THE FINISHED GRADE, AS NECESSARY.
- THE CONTRACTOR SHALL NOTE THAT GRAPHICAL REPRESENTATIONS OF VALVE, TEE, HYDRANT, METER, ETC, LOCATIONS SHOWN IN PLANS ARE APPROXIMATE ONLY.
- EXISTING WATER METERS SHALL BE RELOCATED AS SHOWN IN THE PLANS WHERE FEASIBLE; OTHERWISE, NEW METERS SHALL BE INSTALLED.
- INDIVIDUAL WATER AND SEWER SERVICE CONNECTIONS ARE SHOWN APPROXIMATELY. FINAL SERVICE CONNECTION LOCATIONS SHALL BE DETERMINED IN THE FIELD AND PROVIDED ON AS-BUILT PLANS FOR RECORD. ALL WATER AND SEWER SERVICES SHALL BE INSTALLED PER THE RESPECTIVE TOWN/MUNICIPAL STANDARDS, NCDOT UTILITY STANDARDS, AS WELL AS NCDENR REQUIREMENTS.
- RELOCATED OR ADJUSTED WATER SERVICES, SEWER LATERALS, BACKFLOW UNITS, AND OTHER APPURTENANCES, SHALL COMPLY WITH TOWN STANDARDS, NC PLUMBING CODE, AND EDGEcombe COUNTY BUILDING INSPECTION PERMITS. BACKFLOW UNITS SHALL BE RECERTIFIED BY A LICENSED CERTIFIED BACKFLOW TECHNICIAN AND REPORTS SHALL BE SUBMITTED TO THE TOWN'S BACKFLOW ADMINISTRATOR. ALL EXISTING WATER SERVICE THAT ARE NOT COPPER, MUST BE ENTIRELY REPLACED FROM NEW MAIN TO NEW/EXISTING METER.
- CONTRACTOR SHALL OBTAIN ELEVATIONS OF EXISTING WATER AND SEWER PIPES AND NOTE EXISTING MATERIAL TYPE AT ALL PROPOSED CROSSINGS. ELEVATIONS AND MATERIALS SHALL BE PROVIDED IN AS-BUILT PLANS FOR RECORD WHERE REQUIRED VERTICAL SEPARATION CANNOT BE MET.
- THE UTILITY OWNER OWNS THE EXISTING UTILITY FACILITIES AND WILL OWN THE NEW UTILITY FACILITIES AFTER ACCEPTANCE BY THE DEPARTMENT. THE DEPARTMENT OWNS THE CONSTRUCTION CONTRACT AND HAS ADMINISTRATIVE AUTHORITY.
- MAINTAIN ON-SITE A FULL SET OF PROJECT DRAWINGS FOR PURPOSE OF RECORDING AS-CONSTRUCTED CONDITIONS.
- INFORMATION SHOULD BE LEGIBLY RECORDED AS CONSTRUCTION PROGRESSES.
- CLEARLY AND COMPLETELY IDENTIFY AND FIELD CHANGES FROM THE ORIGINAL DRAWINGS.
- THE DEPTH OF ALL FORCE MAINS SHALL BE RECORDED AT ALL ROADWAYS, WATERWAY CROSSINGS, UTILITIES CROSSINGS AND ALL OTHER AREAS AS NEEDED TO ACCURATELY DEFINE THE VERTICAL LOCATION OF THE FORCE MAIN. A MINIMUM OF ONE DEPTH SHALL BE RECORDED ON EACH 100 FEET OF PIPE INSTALLED. DEPTH SHALL BE REFERENCED TO FINISHED SURFACE GRADES.
- SHOW HORIZONTAL AND VERTICAL LOCATION OF ANY LOCATION OF ANY EXISTING UNDERGROUND UTILITIES ENCOUNTERED DURING CONSTRUCTION.
- SUBMIT DOCUMENT TO THE TOWN PRIOR TO FINAL ACCEPTANCE.

| | |
|---|---------------------|
| PROJECT REFERENCE NO. | SHEET NO. |
| U-4424 | UC-2 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
|  | |
| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | |

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

UTILITIES PLAN SHEET SYMBOLS

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| PROJECT REFERENCE NO. U-4424 | SHEET NO. UC-3 |
| RW SHEET NO. | |
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| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | |

PROPOSED WATER SYMBOLS

| | |
|---------------------------------|----------------|
| Water Line (Sized as Shown) | 12" WL |
| 11¼ Degree Bend | ++ |
| 22½ Degree Bend | +X |
| 45 Degree Bend | +X |
| 90 Degree Bend | + |
| Plug | [Symbol] |
| Tee | [Symbol] |
| Cross | [Symbol] |
| Reducer | [Symbol] |
| Air Release Valve | ARV |
| Gate Valve | GV |
| Butterfly Valve | BV |
| Tapping Valve | TGV |
| Pressure Reducing Valve | PRV |
| Line Stop | LS |
| Line Stop with Bypass | LS/BP |
| Blow Off | BO |
| Fire Hydrant | PH |
| Relocate Fire Hydrant | [Symbol] |
| Remove Fire Hydrant | REM FH |
| Water Meter | WM |
| Relocate Water Meter | RWM |
| Remove Water Meter | REM WM |
| Water Pump Station | PS(W) |
| RPZ Backflow Preventer | PRPZ |
| DCV Backflow Preventer | PBFP |
| Relocate RPZ Backflow Preventer | RRPZ |
| Relocate DCV Backflow Preventer | RBFP |
| Remove Backflow Preventer | BFP |

PROPOSED SEWER SYMBOLS

| | |
|---|---------------|
| Gravity Sewer Line (Sized as Shown) | 12" SS |
| Force Main Sewer Line (Sized as Shown) | 12" FSS |
| Manhole (Sized per Note) | • |
| Sewer Lateral and Cleanout (Sized per Note) | SSCO |

PROPOSED MISCELLANEOUS UTILITIES SYMBOLS

| | |
|-----------------|------------------------------|
| Thrust Block | [Symbol] |
| Plan Note | [Symbol] NOTE |
| Encasement | [Symbol] 24" ENCASMENT |
| To Be Abandoned | (TBA) |

EXISTING UTILITIES SYMBOLS

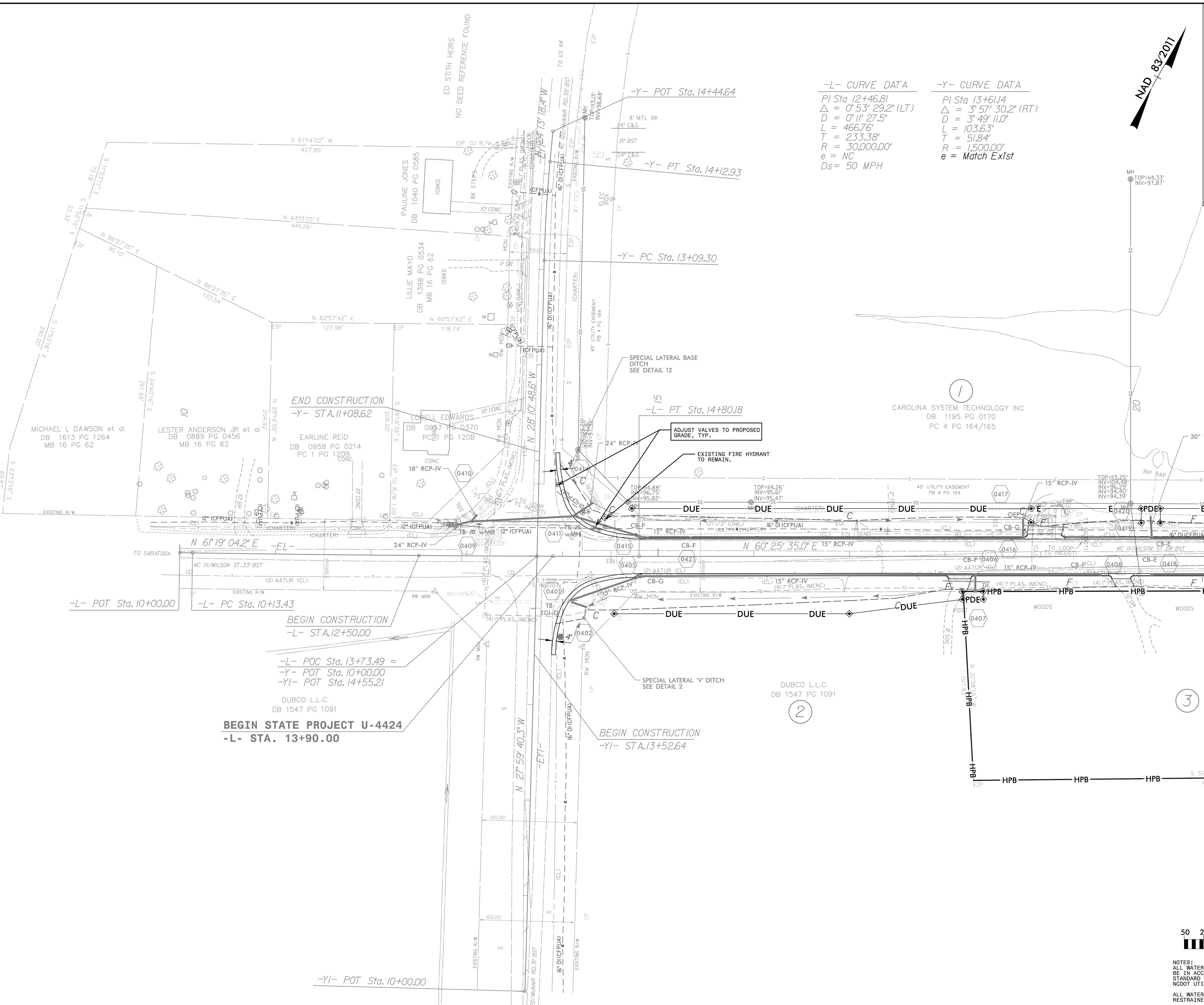
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|--------------------------------------|----------------|---|--------------------------|
| Guy Wire To Be Removed | [Symbol] | Abandoned According to Utility Records | AATUR |
| Power Pole | [Symbol] | End of Information | E.O.I. |
| Power Pole To Be Removed | [Symbol] | *Underground Power Line | P |
| Telephone Pole | [Symbol] | *Underground Telephone Cable | T |
| Telephone Pole To Be Removed | [Symbol] | *Underground Telephone Conduit | TC |
| Joint Use Pole | [Symbol] | *Underground Fiber Optics Telephone Cable | T FO |
| Joint Use Pole To Be Removed | [Symbol] | *Underground TV Cable | TV |
| Utility Pole | [Symbol] | *Underground Fiber Optics TV Cable | TV FC |
| Utility Pole To Be Removed | [Symbol] | *Underground Gas Pipeline | G |
| Structural Utility Pole | [Symbol] | Aboveground Gas Pipeline | A/G Gas |
| Utility Pole with Base | [Symbol] | *Underground Water Line | W |
| H-Frame Pole | [Symbol] | Aboveground Water Line | A/G Water |
| Power Transmission Line Tower | [Symbol] | *Underground Gravity Sanitary Sewer Line | SS |
| Water Manhole | [Symbol] | Aboveground Gravity Sanitary Sewer Line | A/G Sanitary Sewer |
| Power Manhole | [Symbol] | *Underground SS Forced Main Line | FSS |
| Telephone Manhole | [Symbol] | Underground Unknown Utility Line | ?UTL |
| Sanitary Sewer Manhole | [Symbol] | SUE Test Hole | [Symbol] |
| Hand Hole for Cable | [Symbol] | Water Meter | [Symbol] |
| Power Transformer | [Symbol] | Water Valve | [Symbol] |
| Telephone Pedestal | [Symbol] | Fire Hydrant | [Symbol] |
| CATV Pedestal | [Symbol] | Sanitary Sewer Cleanout | [Symbol] |
| Gas Valve | [Symbol] | | |
| Gas Meter | [Symbol] | | |
| Located Miscellaneous Utility Object | [Symbol] | | |

*For Existing Utilities
 Utility Line Drawn from Record
 (Type as Shown)
 Designated Utility Line
 (Type as Shown)

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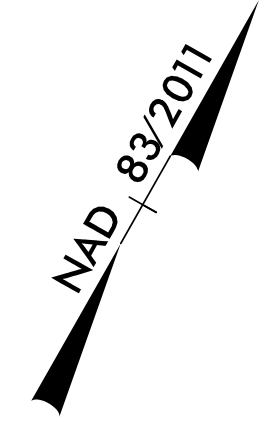
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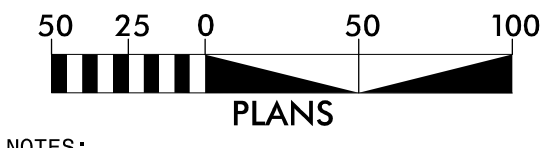
-L- CURVE DATA
 PI Sta 12+46.81
 $\Delta = 0^\circ 53' 29.2''$ (LT)
 $D = 0' 11' 27.5''$
 $L = 466.76'$
 $T = 233.38'$
 $R = 30,000.00'$
 $e = NC$
 $Ds = 50$ MPH

-Y- CURVE DATA
 PI Sta 13+61.14
 $\Delta = 3^\circ 57' 30.2''$ (RT)
 $D = 3' 49' 11.0''$
 $L = 103.63'$
 $T = 51.84'$
 $R = 1,500.00'$
 $e = Match Exist$



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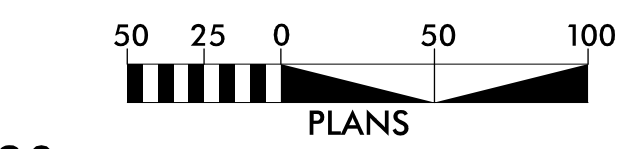
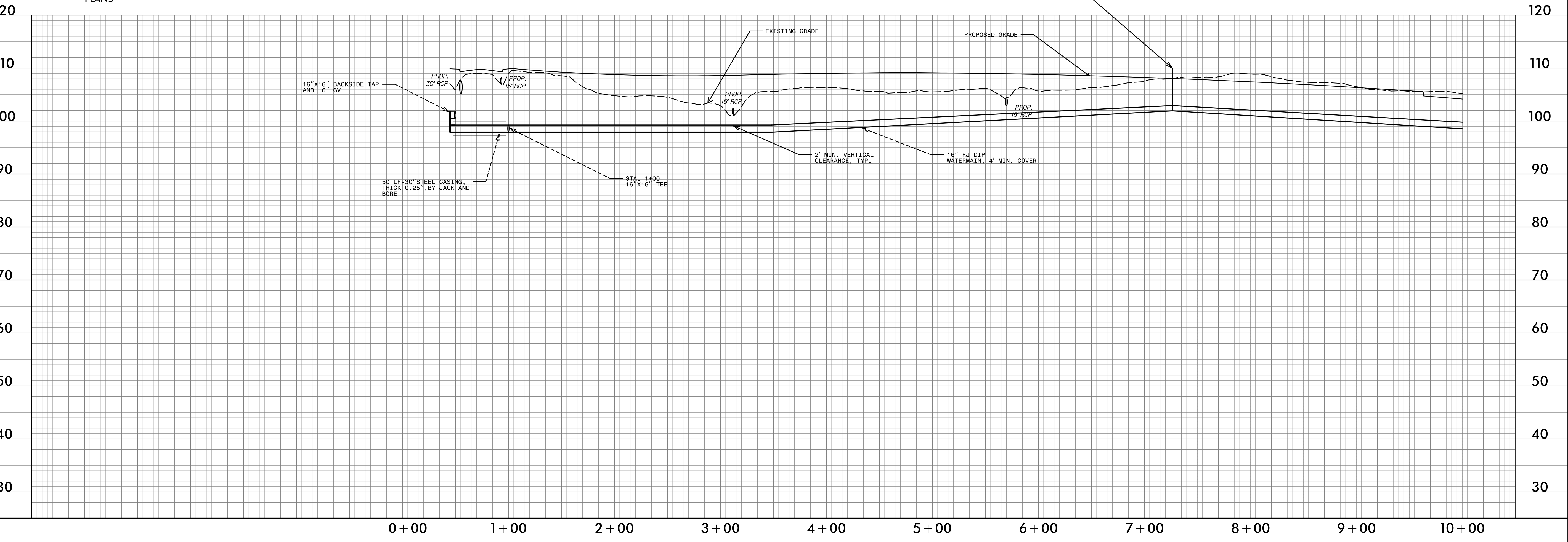
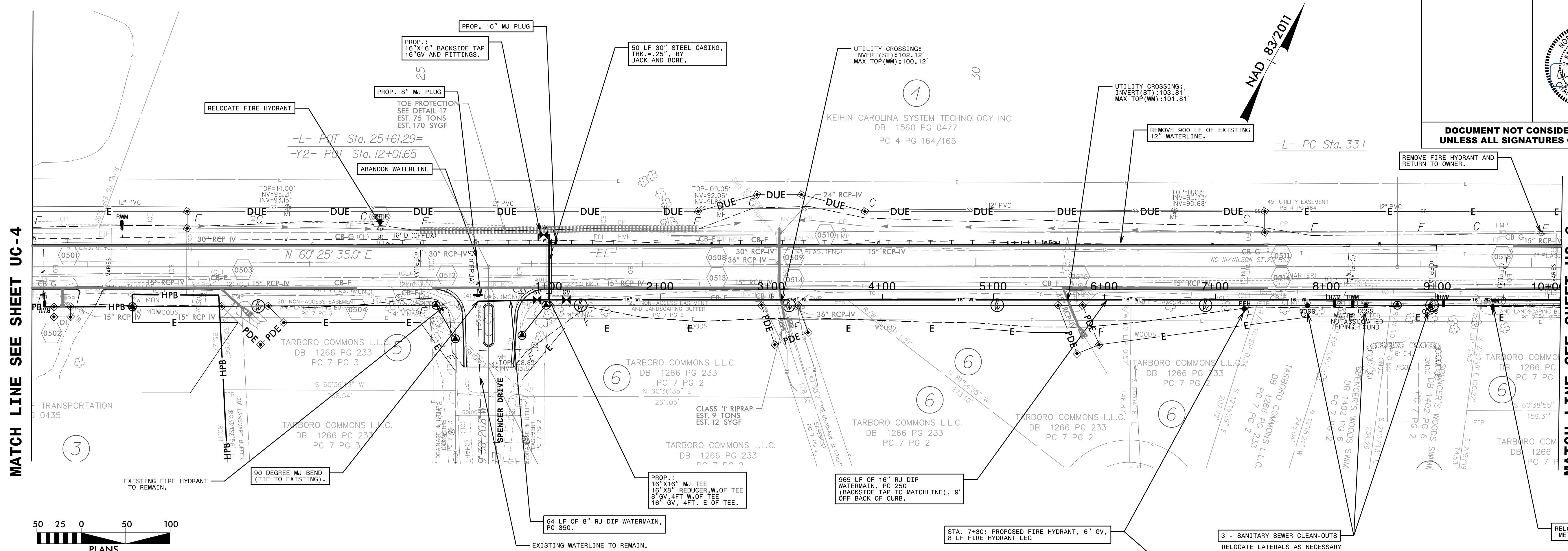
MATCH LINE SEE SHEET UC-5



NOTES:
 ALL WATER AND/OR SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF TARBORO WATER STANDARD DRAWINGS AND SPECIFICATIONS AND NCDOT UTILITY SPECIFICATIONS.
 ALL WATERLINE PIPE AND FITTINGS TO BE RESTRAINED JOINT TYPE.

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| U-4424 | UC-5 |
| RW SHEET NO. | |
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REVISIONS

MATCH LINE SEE SHEET UC-4

MATCH LINE SEE SHEET UC-6
-WL-1 STA. 10+00

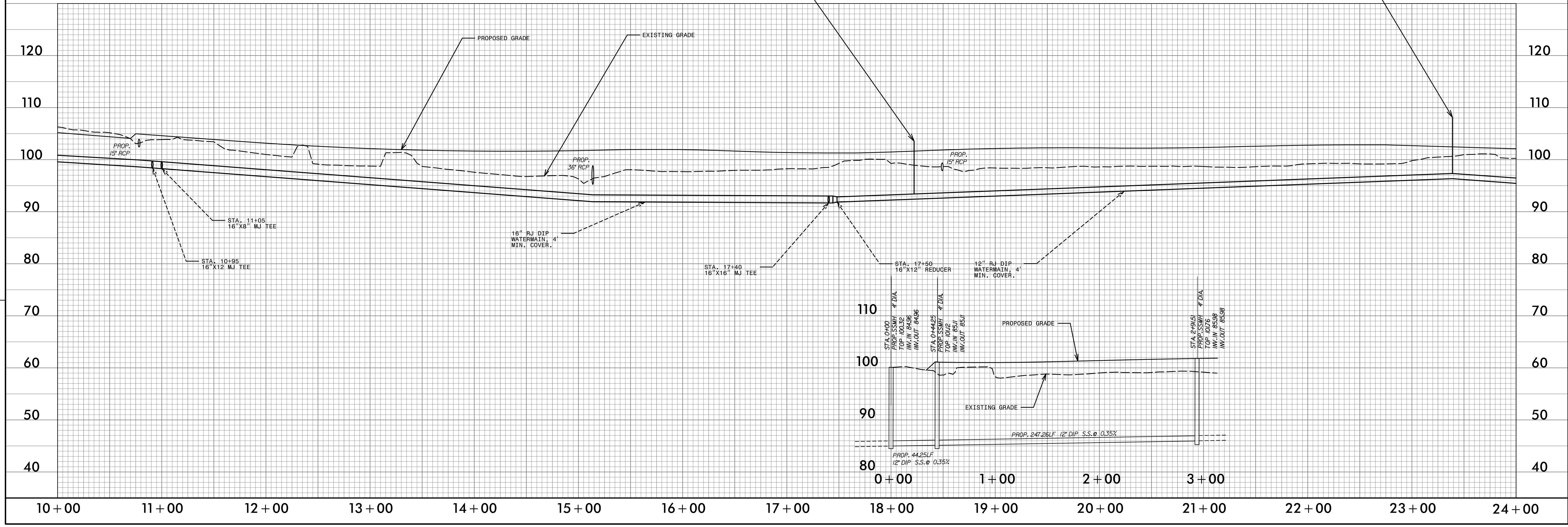
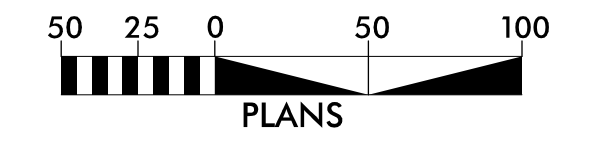
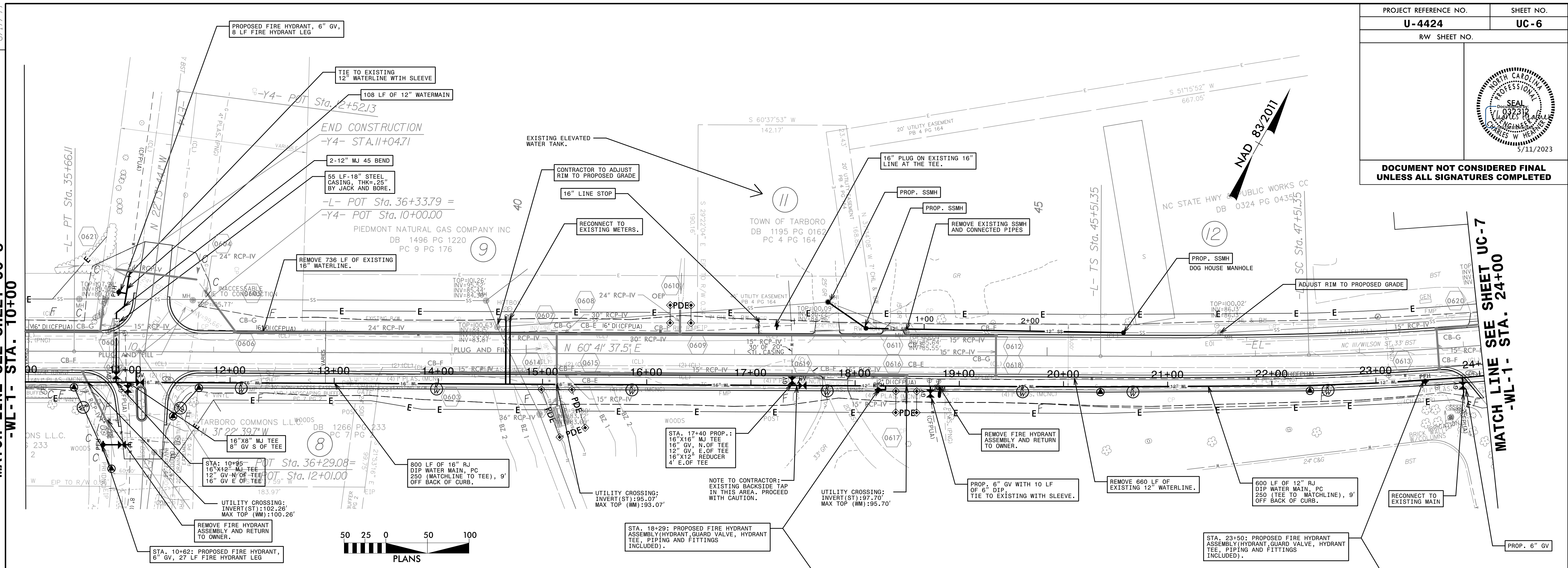
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MATCH LINE SEE SHEET UC-5
-WL-1- STA. 10+00

MATCH LINE SEE SHEET UC-7
-WL-1- STA. 24+00



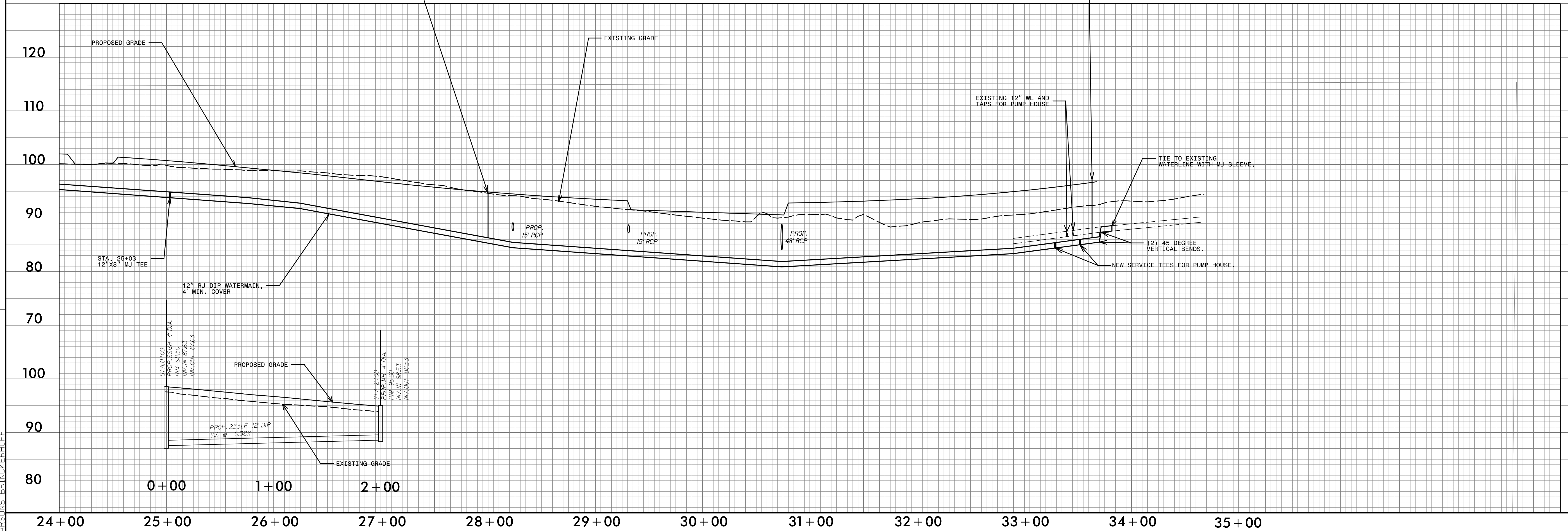
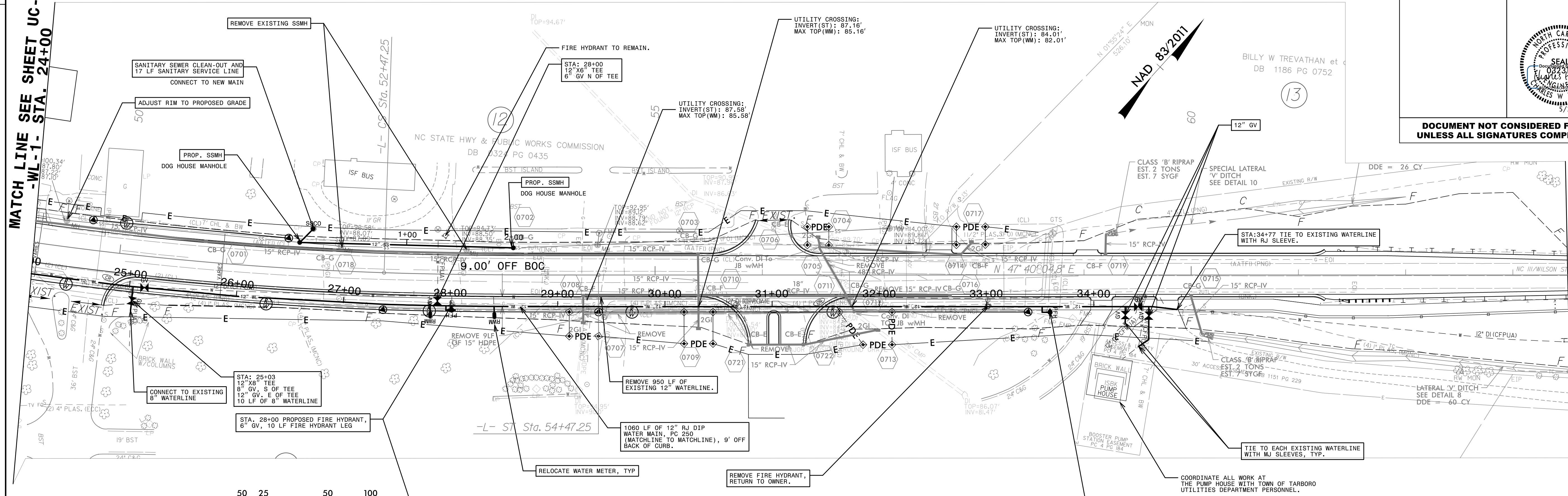
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MATCH LINE SEE SHEET UC-6
-WL-1- STA. 24+00

MATCH LINE SEE SHEET UC-8



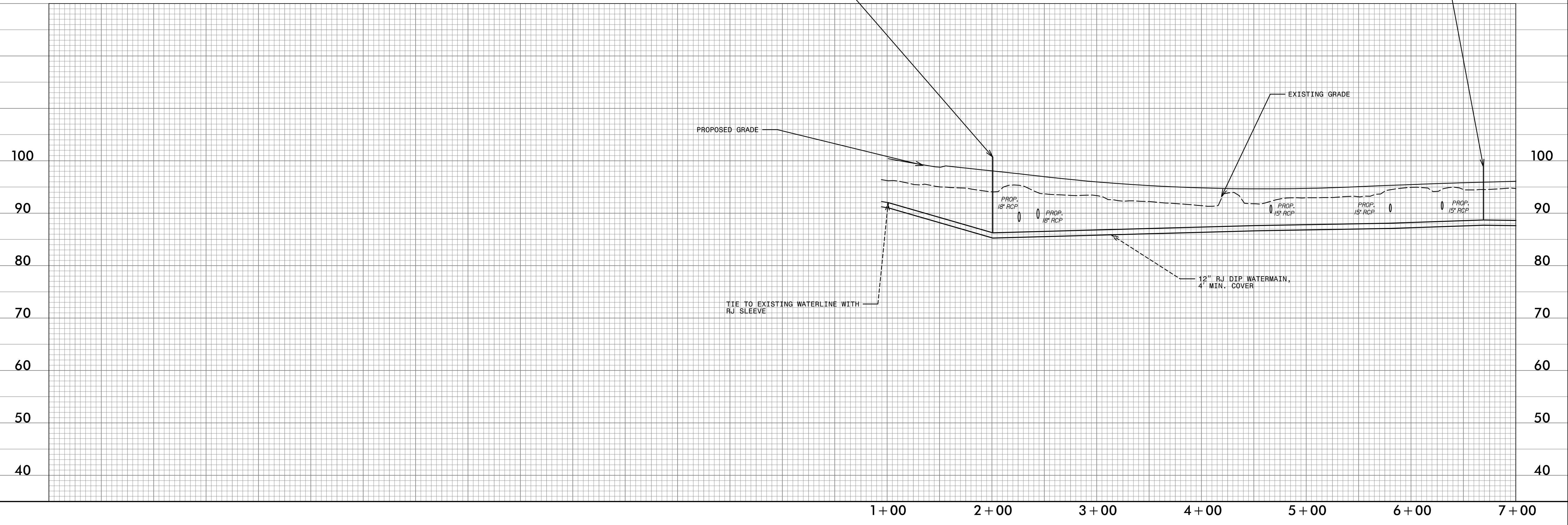
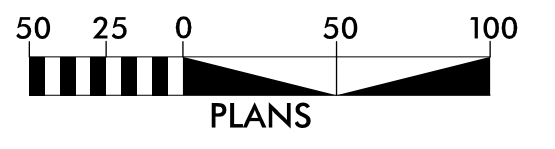
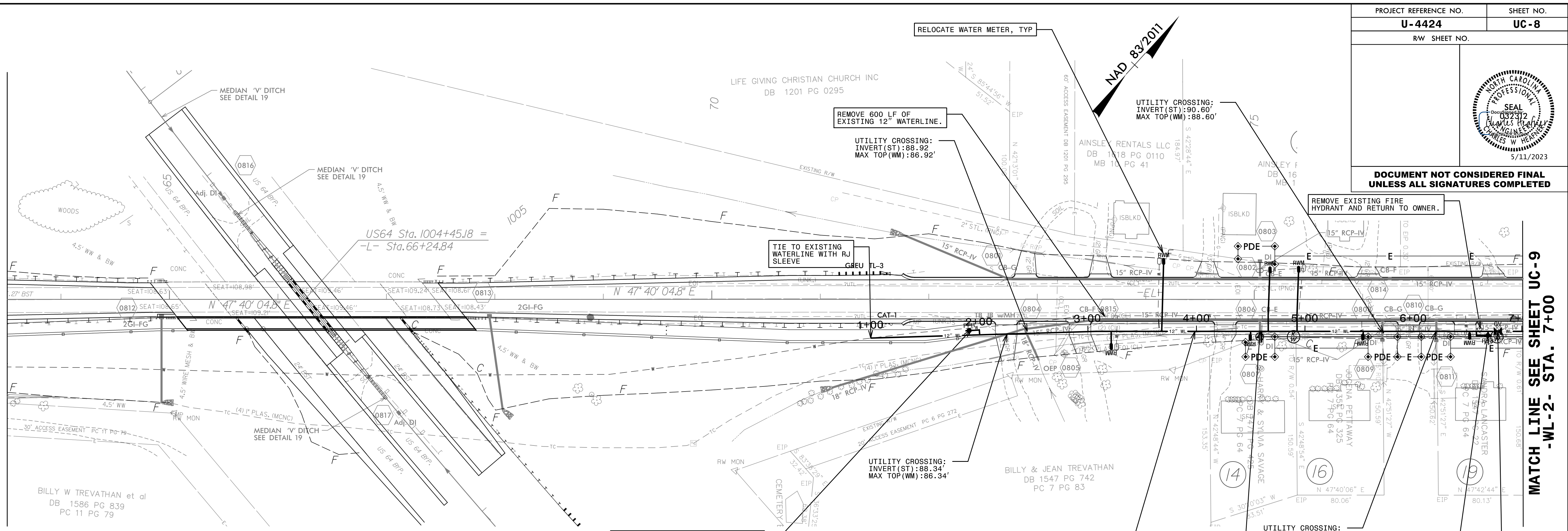
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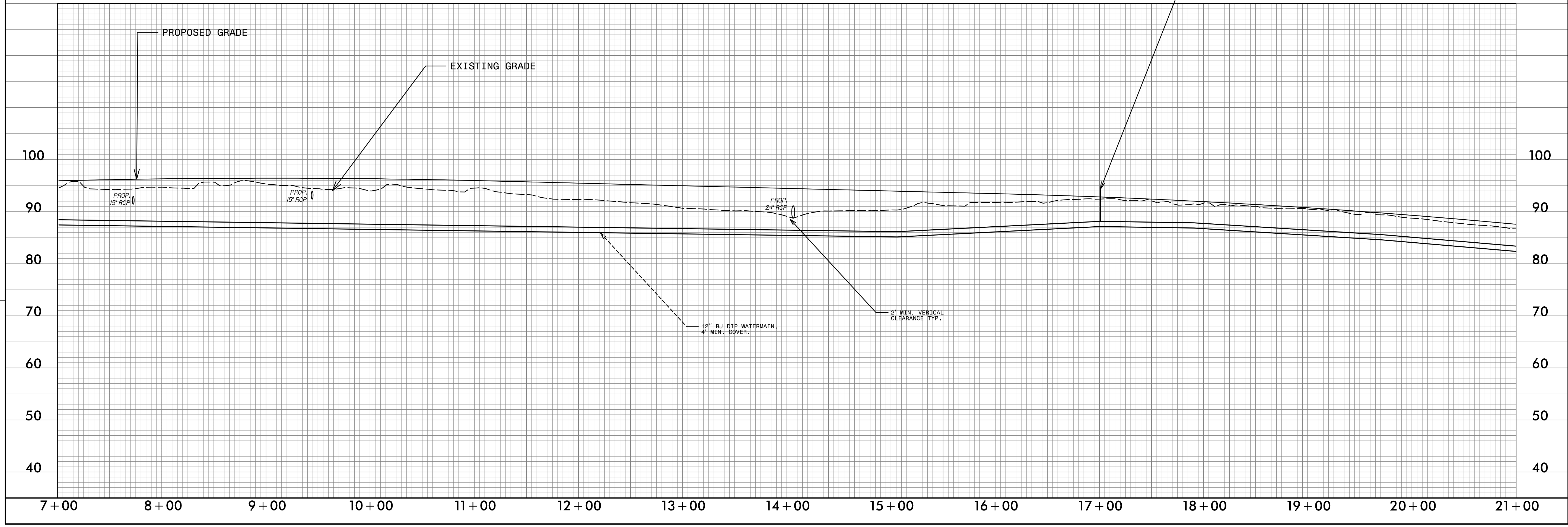
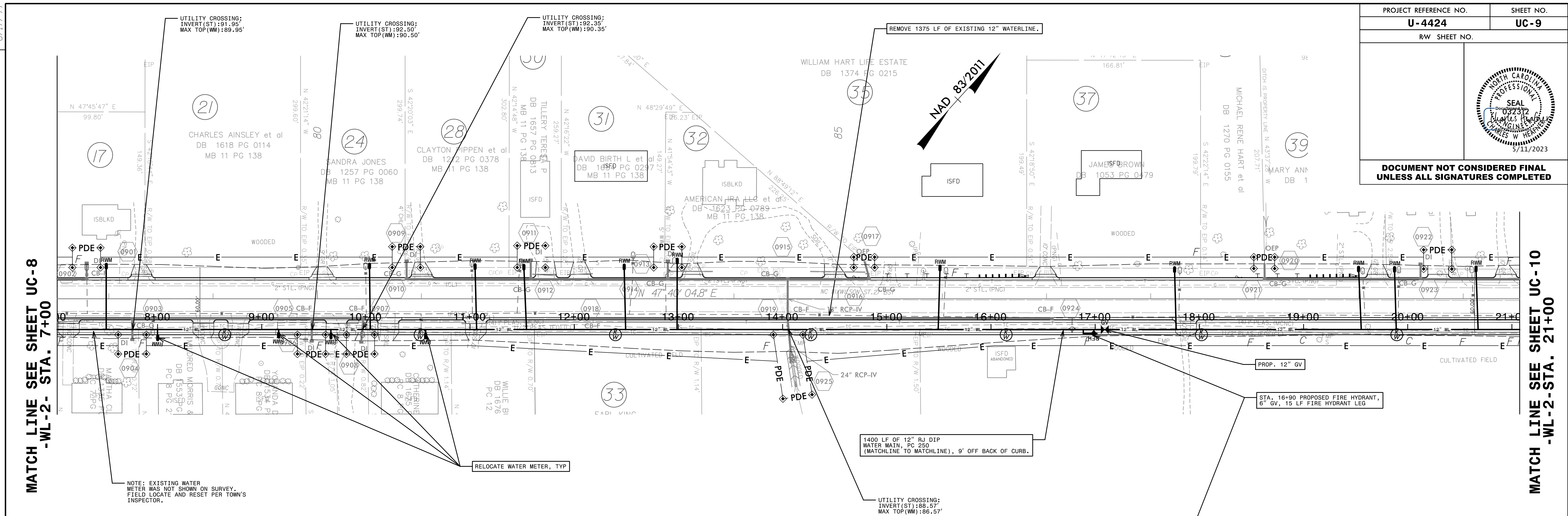
MATCH LINE SEE SHEET UC-9
-WL-2- STA. 7+00



REVISIONS

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PARSONS BRINCKERHOFF

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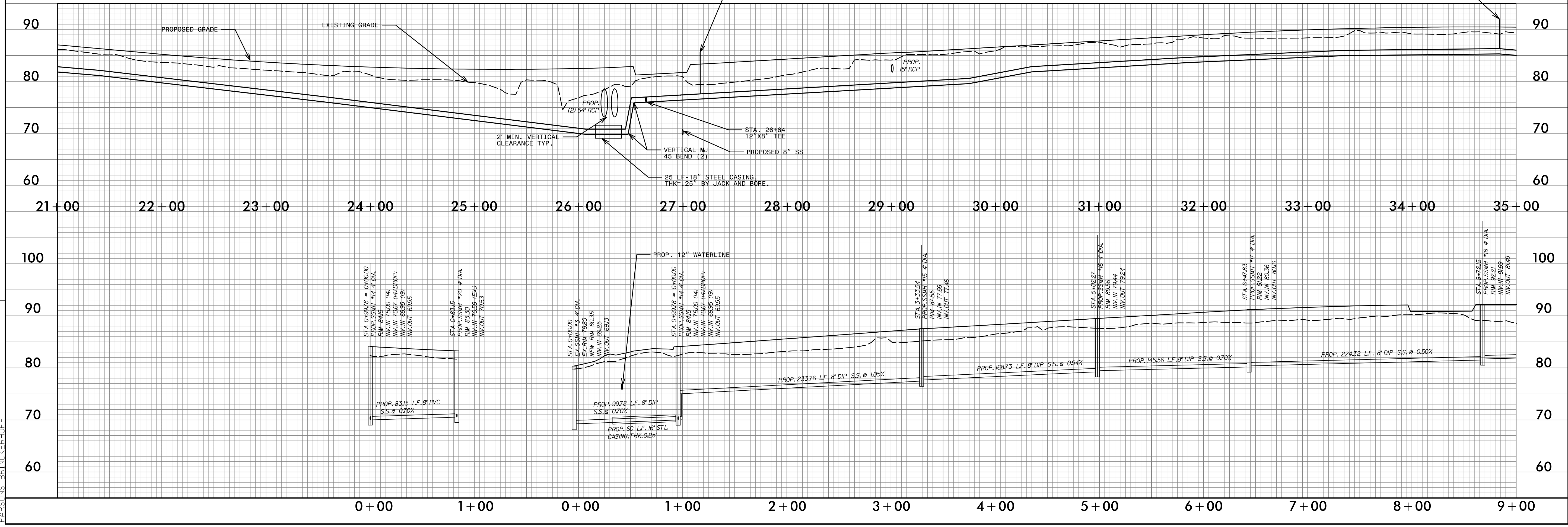
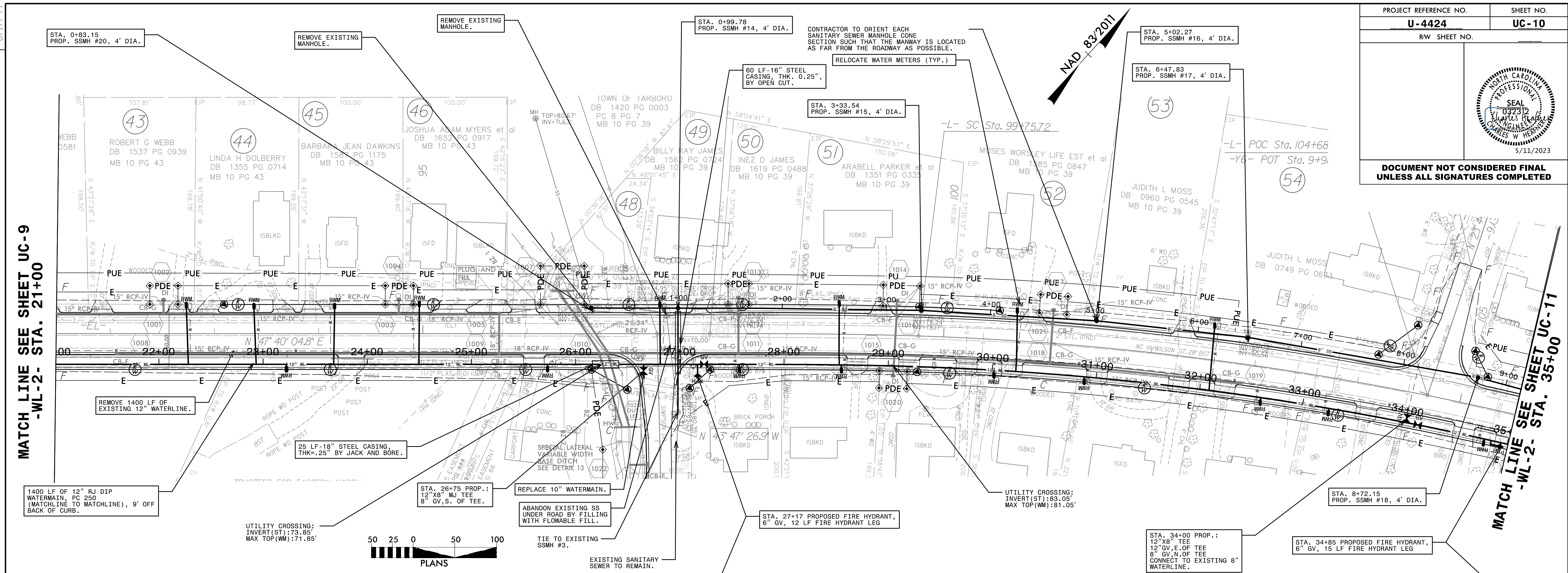
REVISIONS

MATCH LINE SEE SHEET UC-8
-WL-2- STA. 7+00

MATCH LINE SEE SHEET UC-10
-WL-2- STA. 21+00

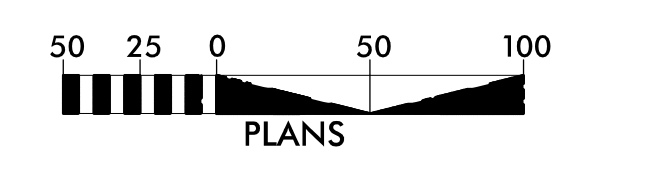
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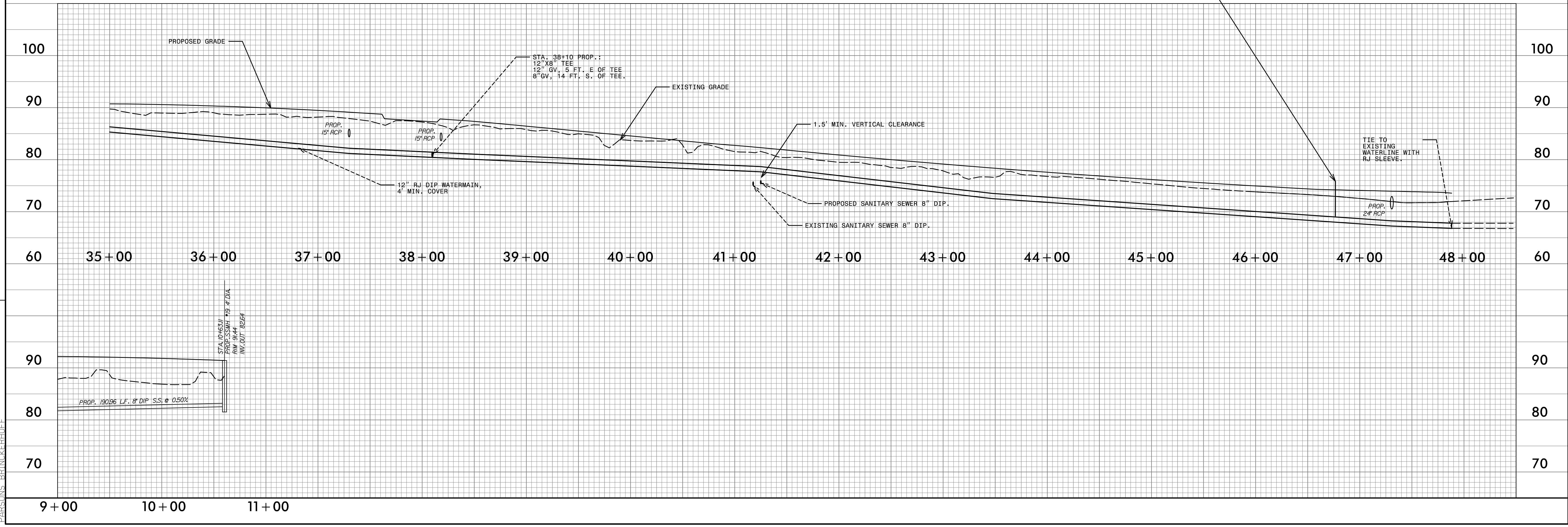
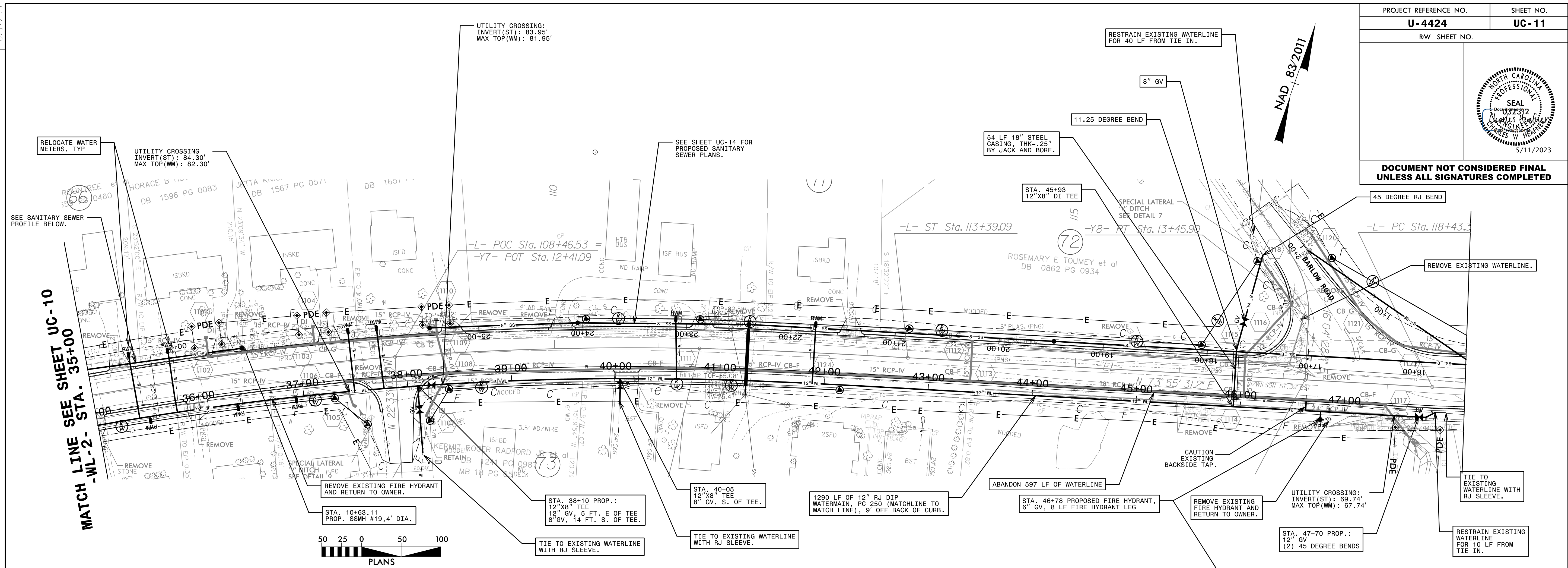
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 PARSONS BRINCKERHOFF

MATCH LINE SEE SHEET UC-9
 -WL-2- STA. 21+00
 MATCH LINE SEE SHEET UC-11
 -WL-2- STA. 35+00



8/17/99

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| PROJECT REFERENCE NO. | SHEET NO. |
| U-4424 | UC-11 |
| RW SHEET NO. | |
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| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | |

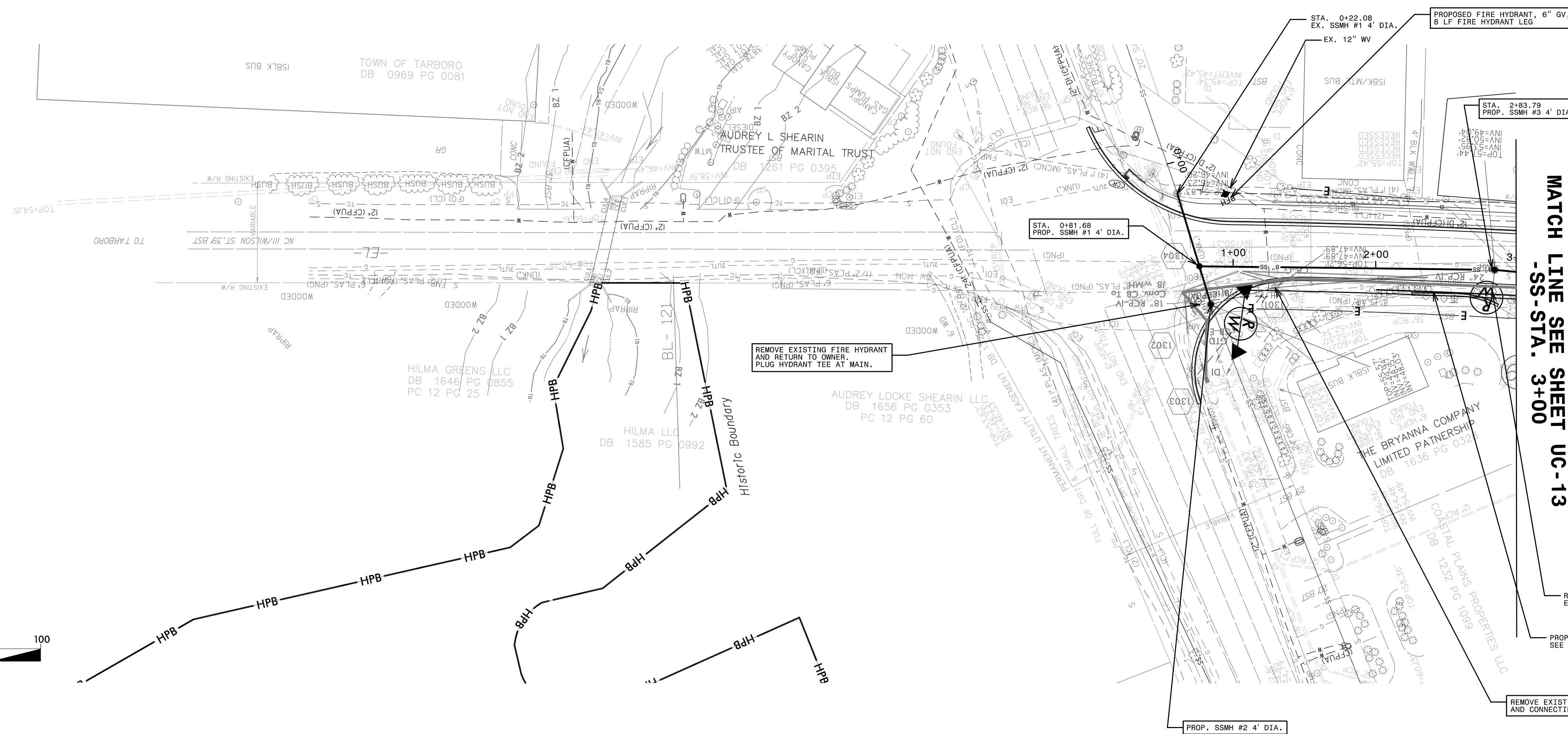
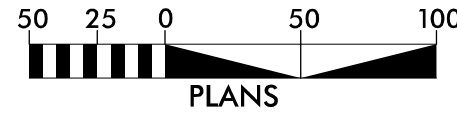
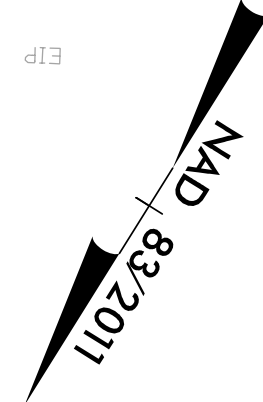


REVISIONS

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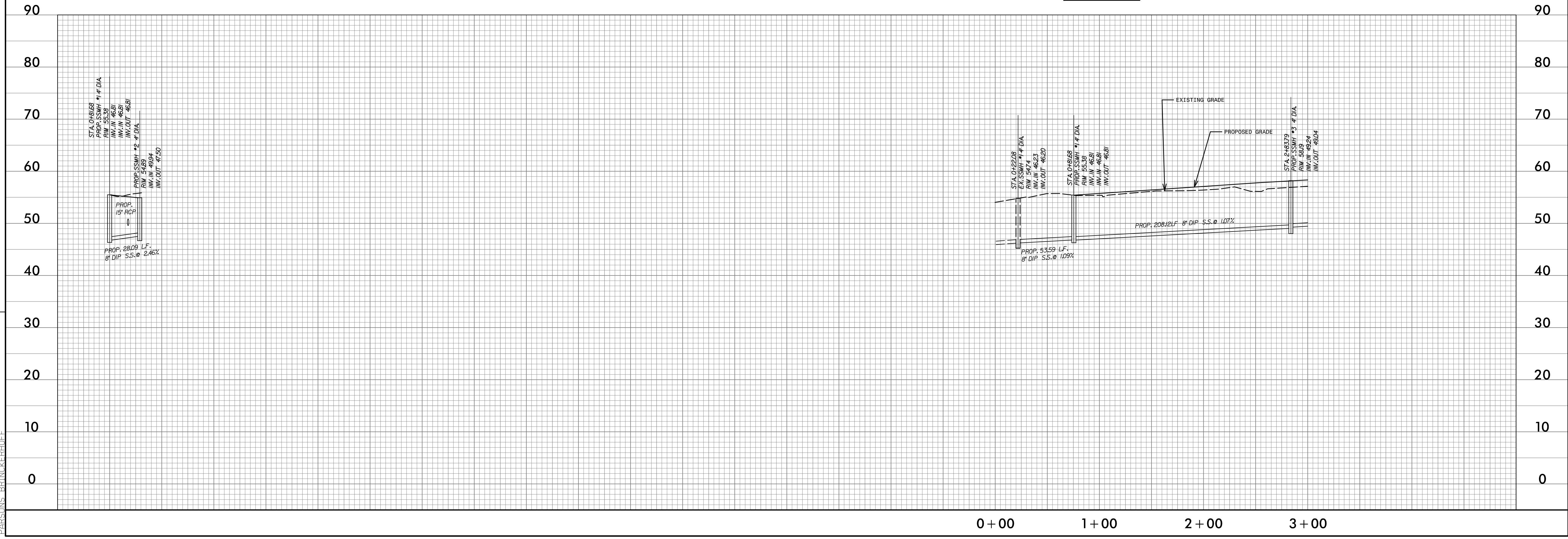
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-SS-STA. 3+00

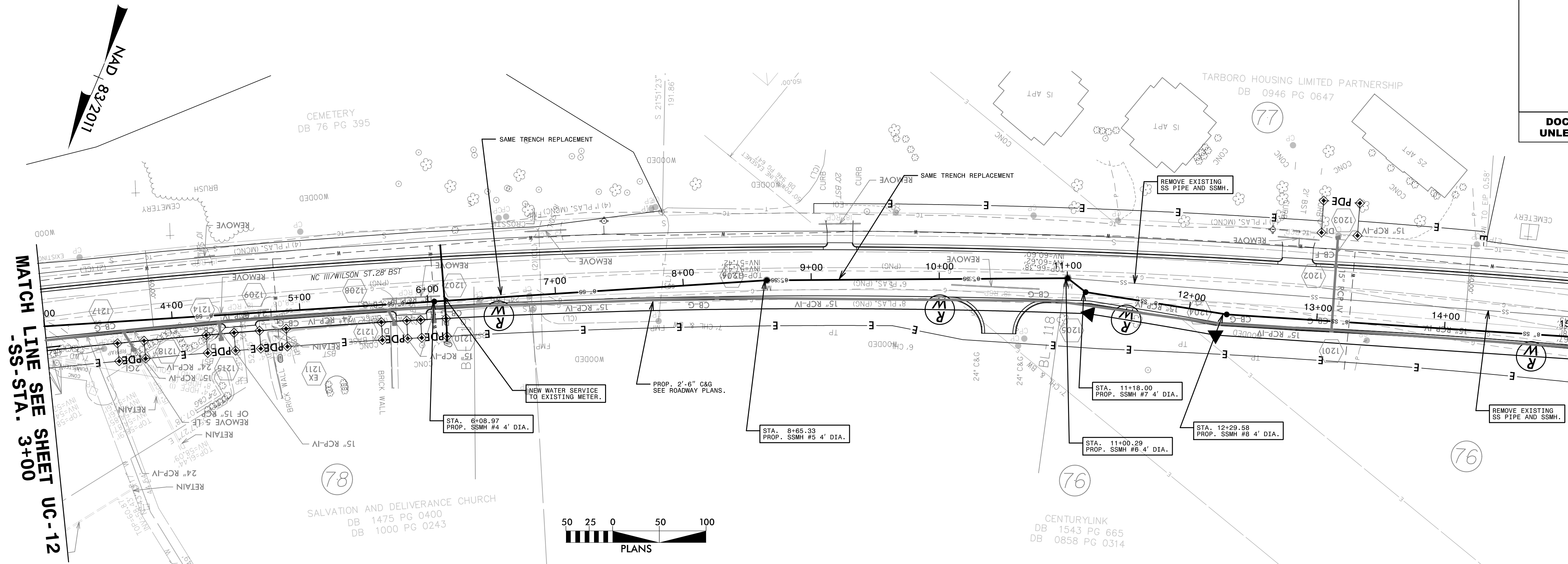
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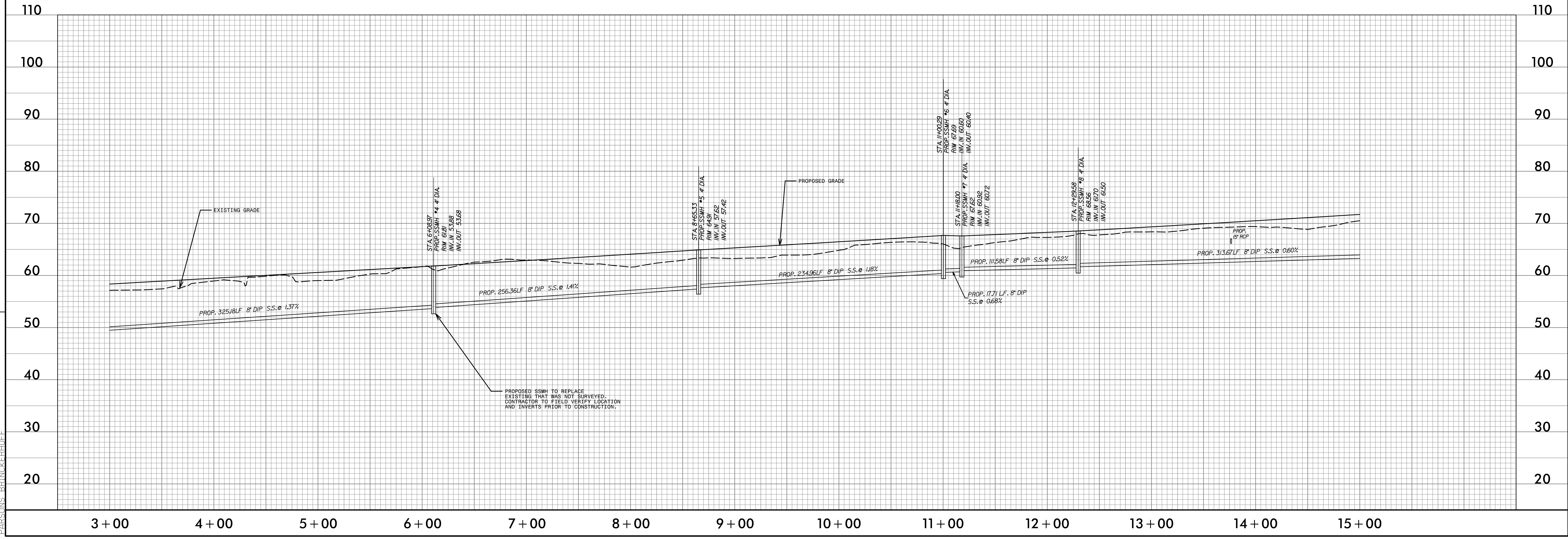
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MATCH LINE SEE SHEET UC-14
-SS-STA. 15+00

REVISIONS

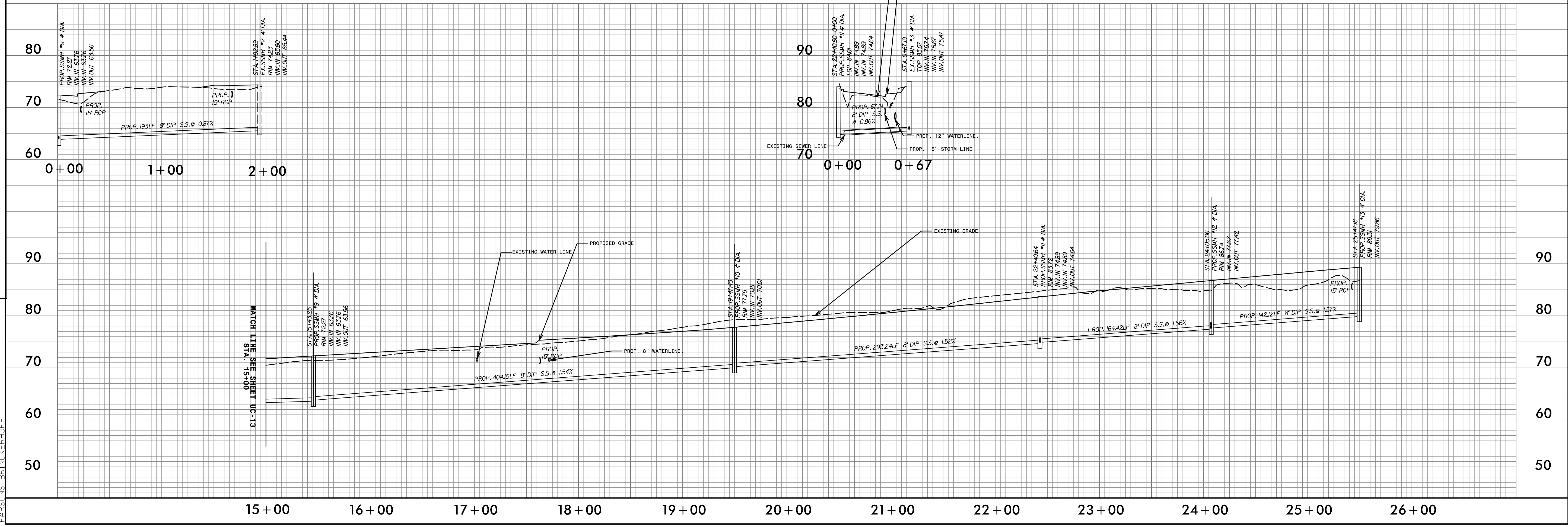
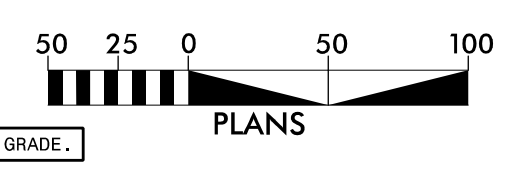
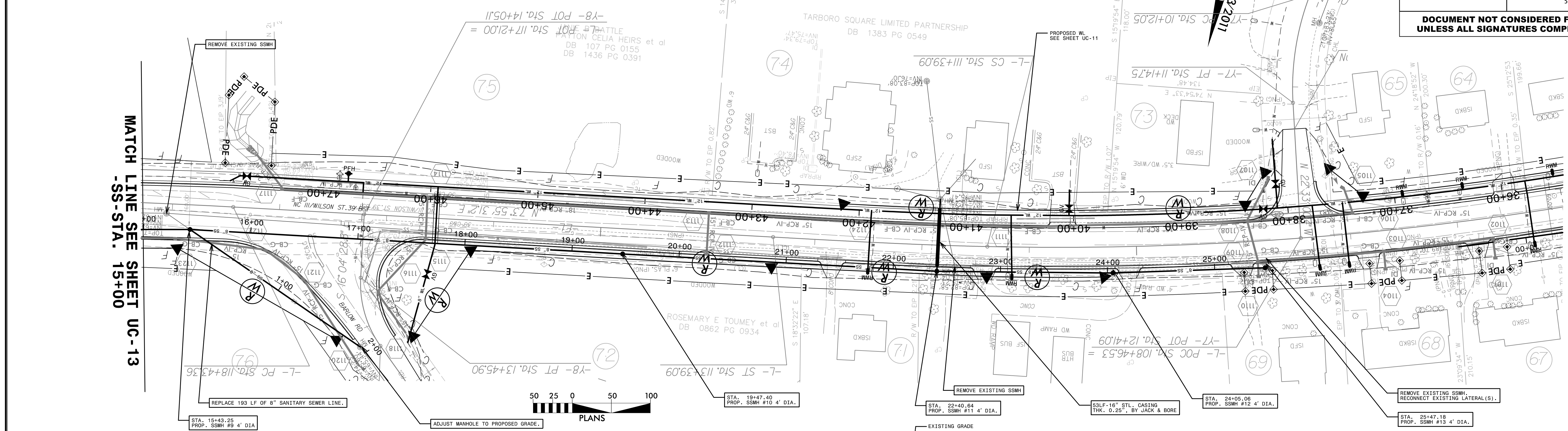


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MATCH LINE SEE SHEET UC-13
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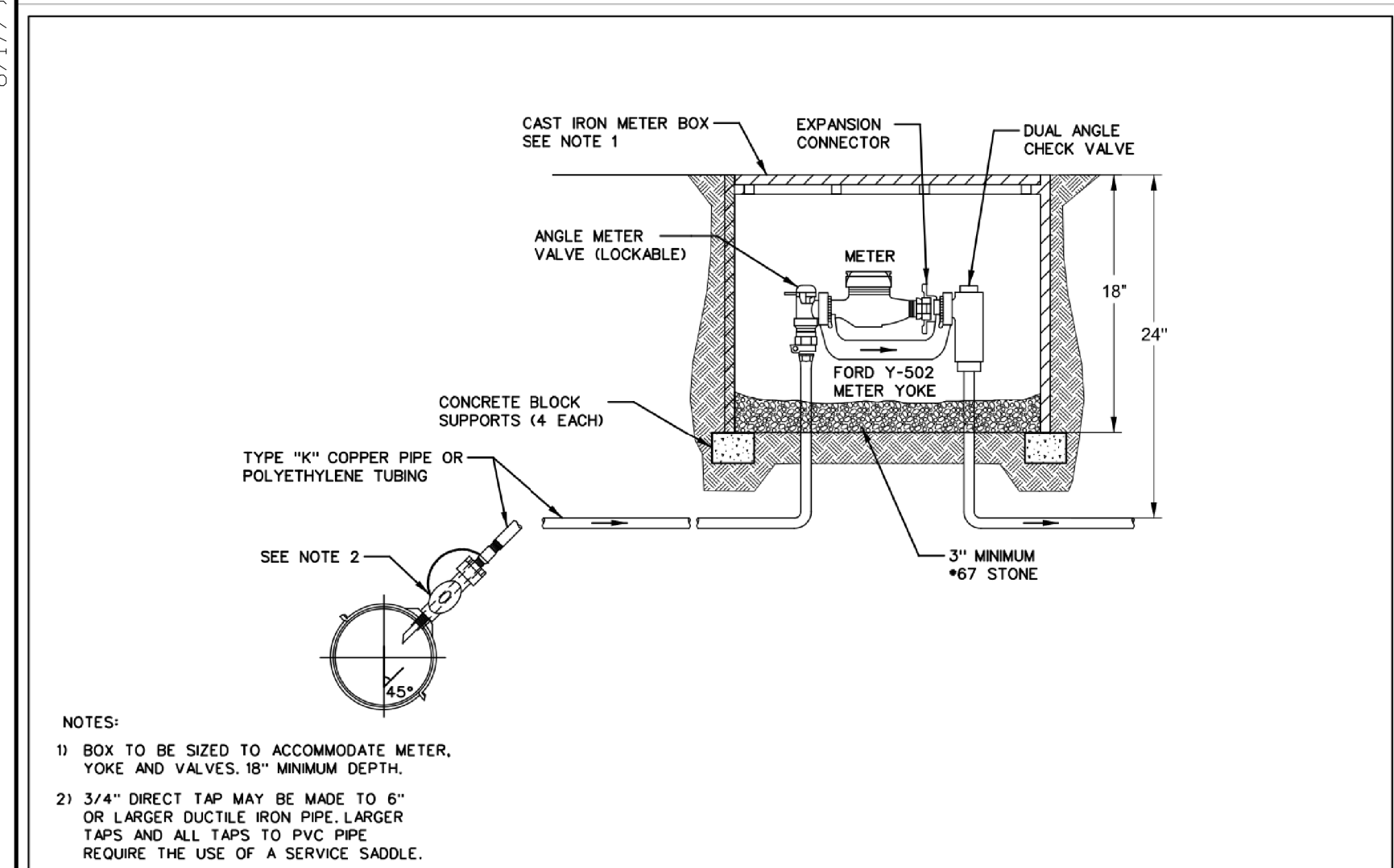
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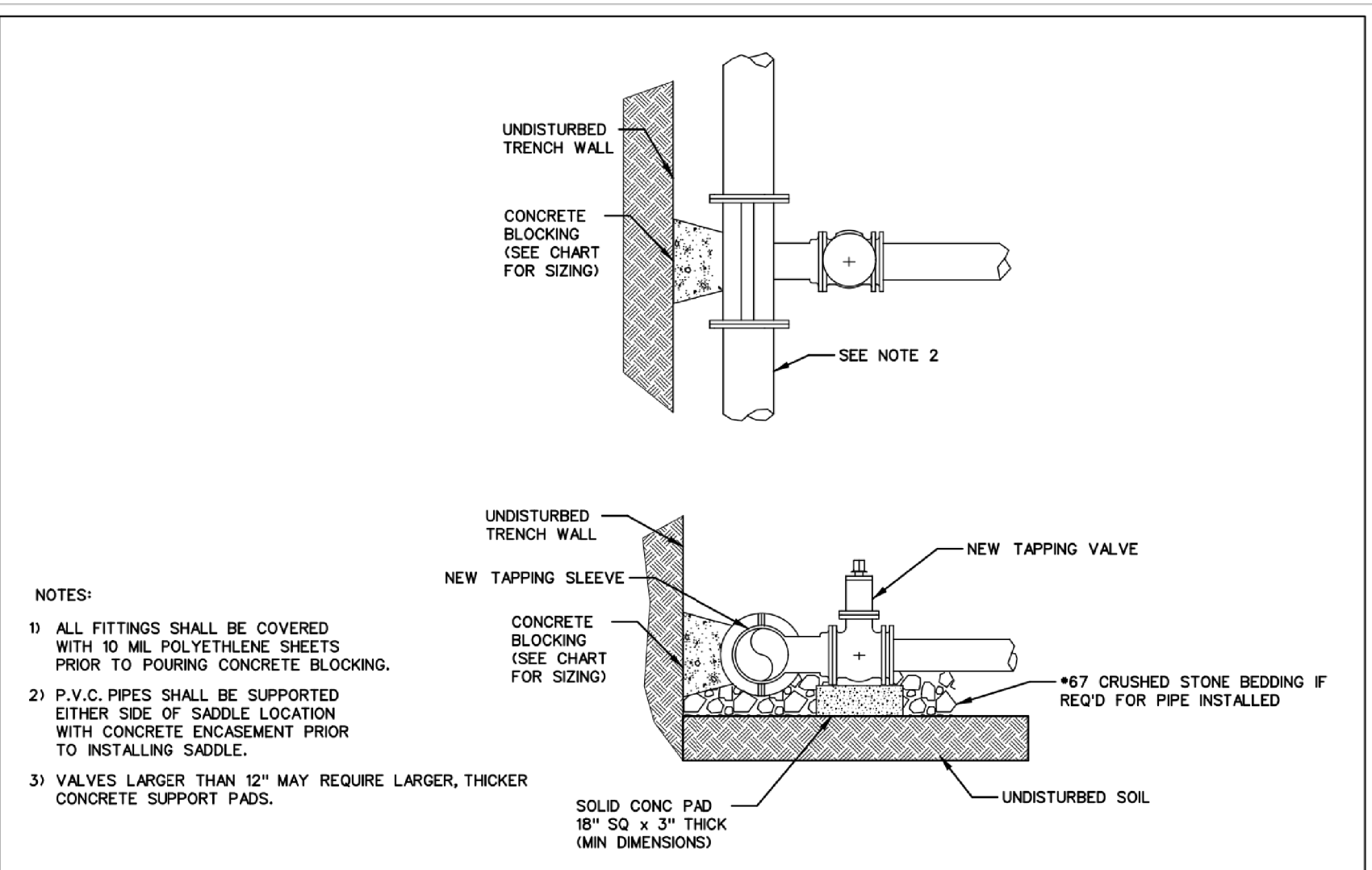
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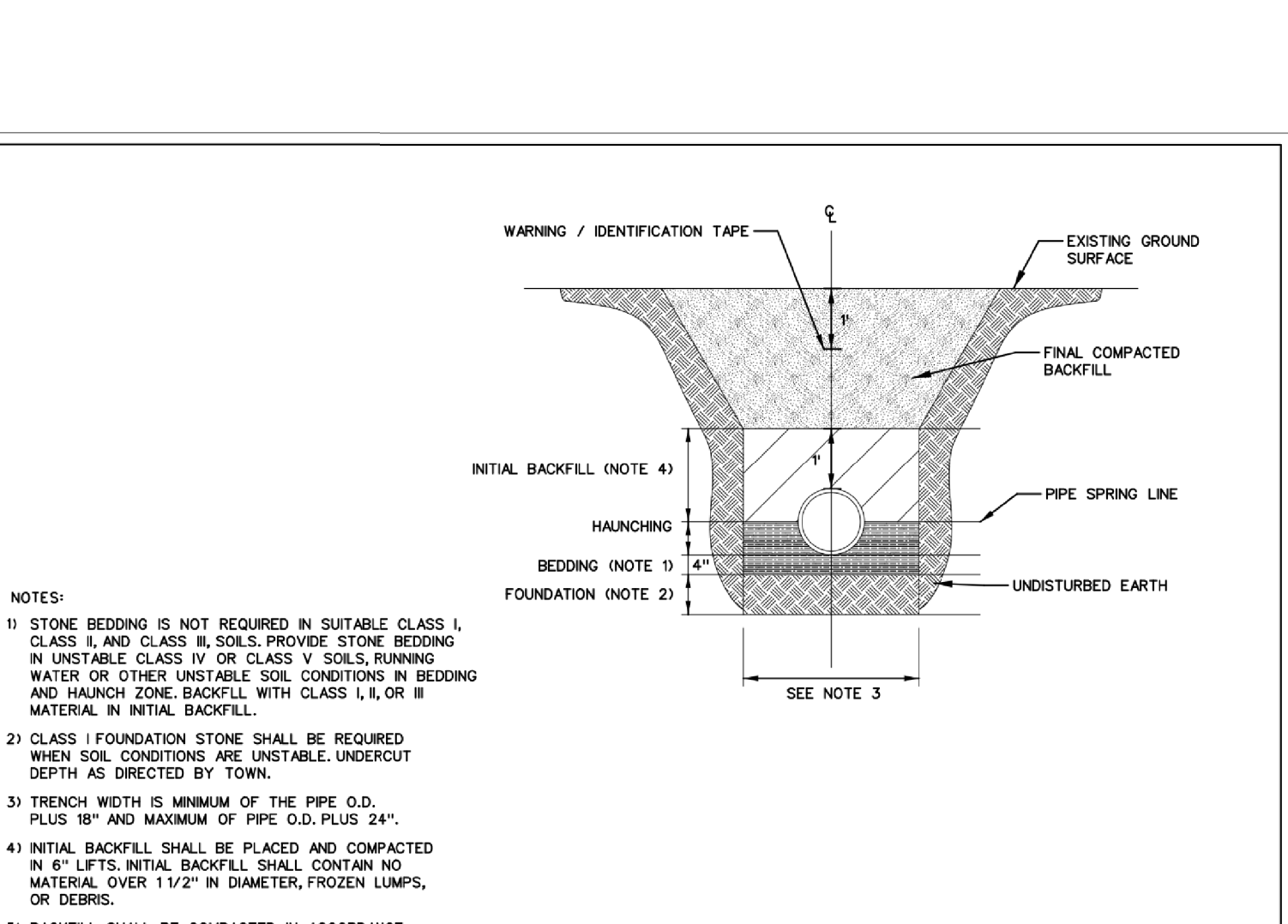
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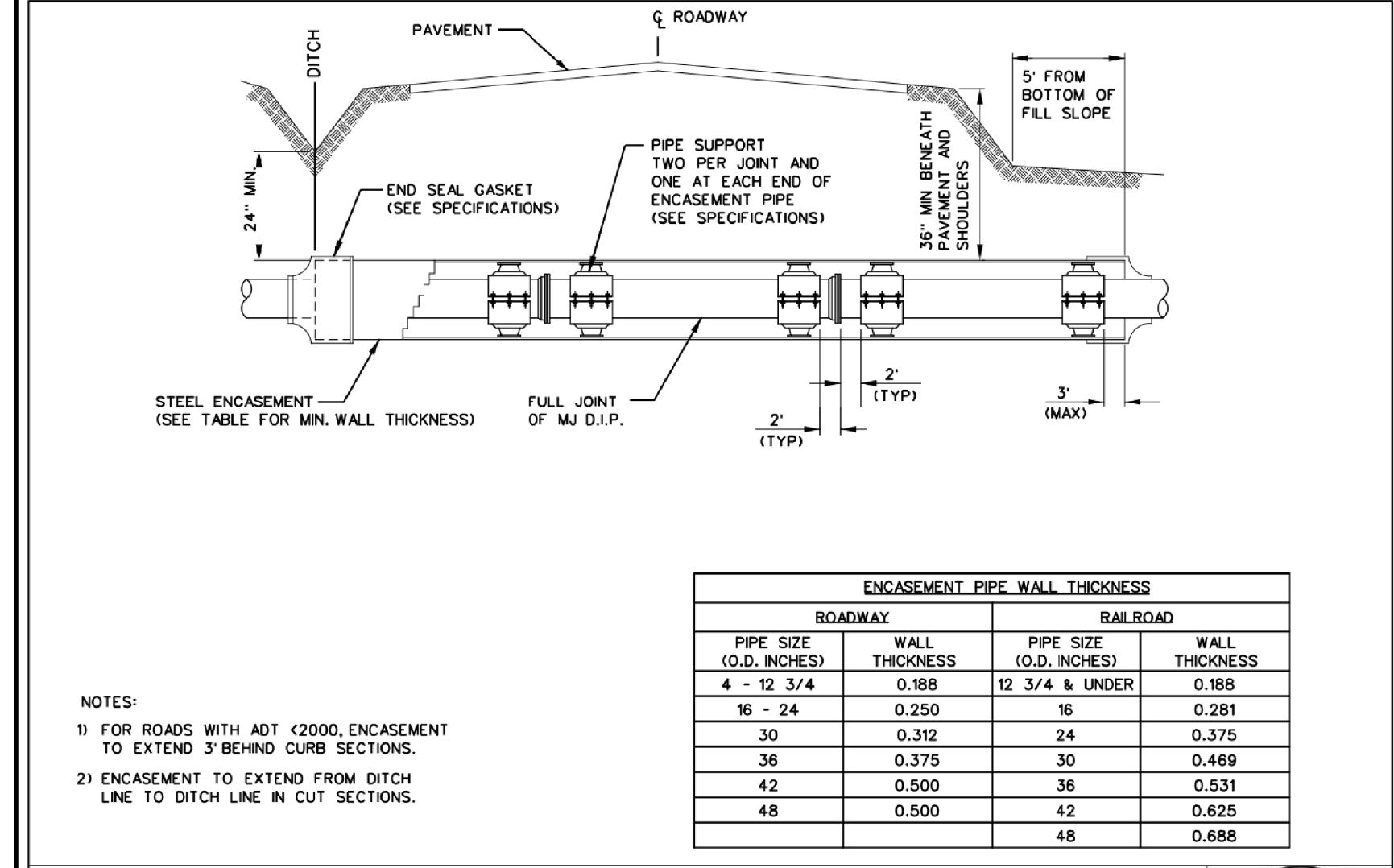
TYPICAL 3/4" AND 1" WATER SERVICE
 TOWN OF TARBORO STANDARD DETAIL
 DATE: 07-01-15 SHEET 1 OF 1 STD. No. W-2.01



TAPPING SLEEVE AND VALVE
 TOWN OF TARBORO STANDARD DETAIL
 DATE: 07-01-15 SHEET - OF - STD. No. W-2.09

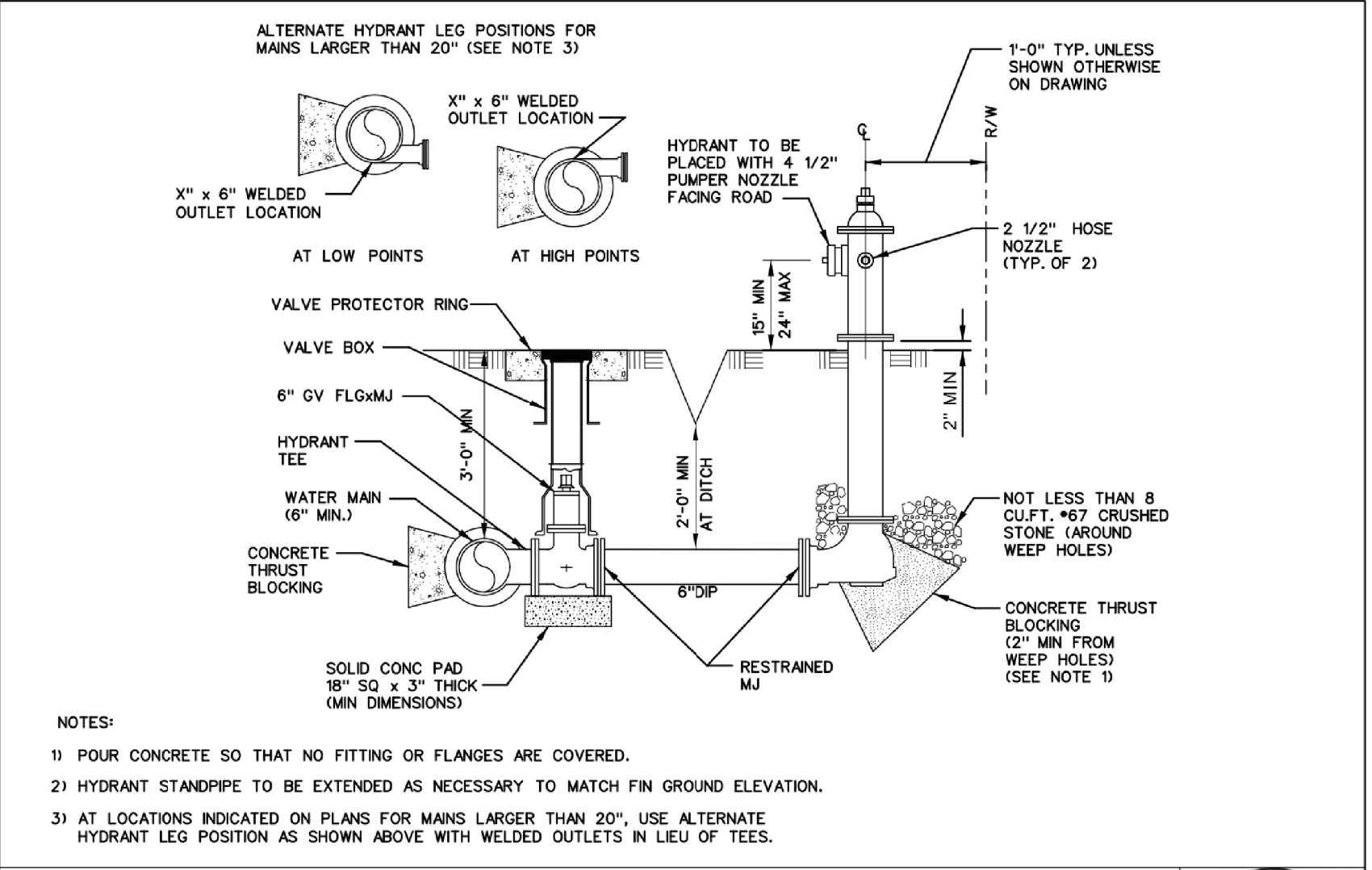


WATER LINE BEDDING
 TOWN OF TARBORO STANDARD DETAIL
 DATE: 07-01-15 SHEET 1 OF 1 STD. No. W-2.14

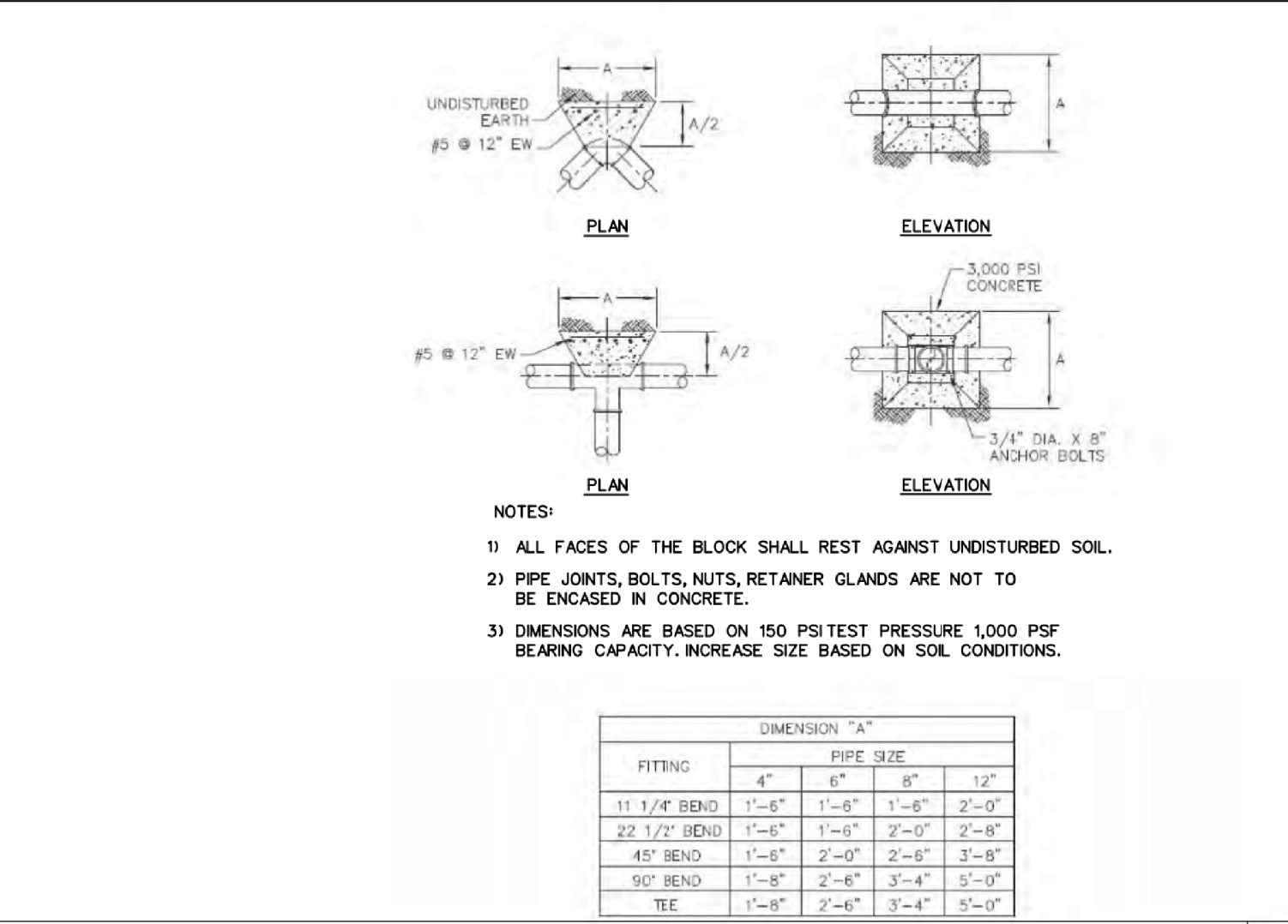


PIPE INSTALLATION IN STEEL ENCASEMENT
 TOWN OF TARBORO STANDARD DETAIL
 DATE: 07-01-15 SHEET 1 OF 1 STD. No. S-1.20

| ENCASEMENT PIPE WALL THICKNESS | | | |
|--------------------------------|----------------|-------------------------|----------------|
| ROADWAY | | RAILROAD | |
| PIPE SIZE (O.D. INCHES) | WALL THICKNESS | PIPE SIZE (O.D. INCHES) | WALL THICKNESS |
| 4 - 12 | 3/4 | 12 3/4 & UNDER | 0.188 |
| 16 - 24 | 0.250 | 16 | 0.281 |
| 30 | 0.312 | 24 | 0.375 |
| 36 | 0.375 | 30 | 0.469 |
| 42 | 0.500 | 36 | 0.531 |
| 48 | 0.500 | 42 | 0.625 |
| | | 48 | 0.688 |

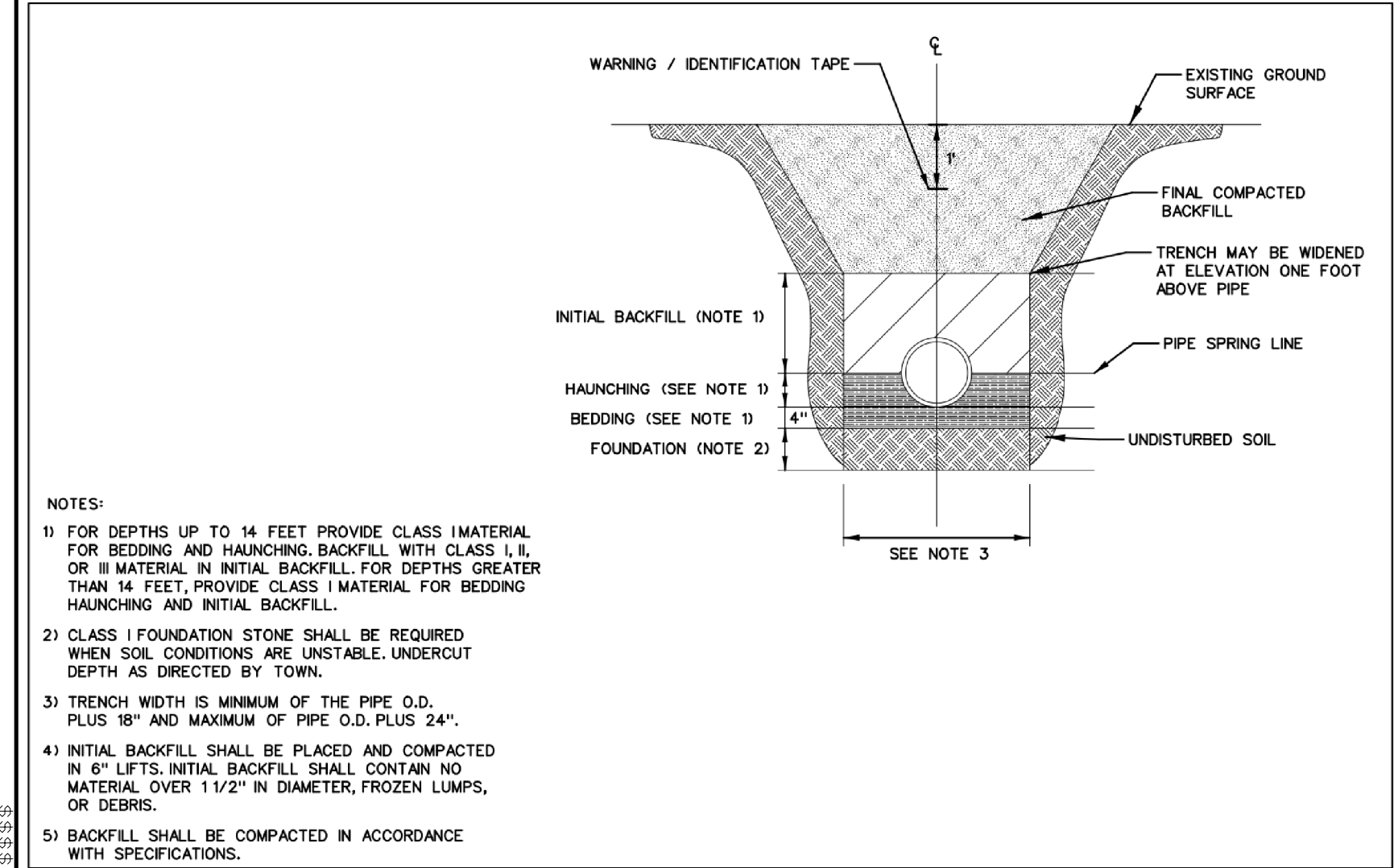


FIRE HYDRANT ASSEMBLY
 TOWN OF TARBORO STANDARD DETAIL
 DATE: 07-01-15 SHEET - OF - STD. No. W-2.08

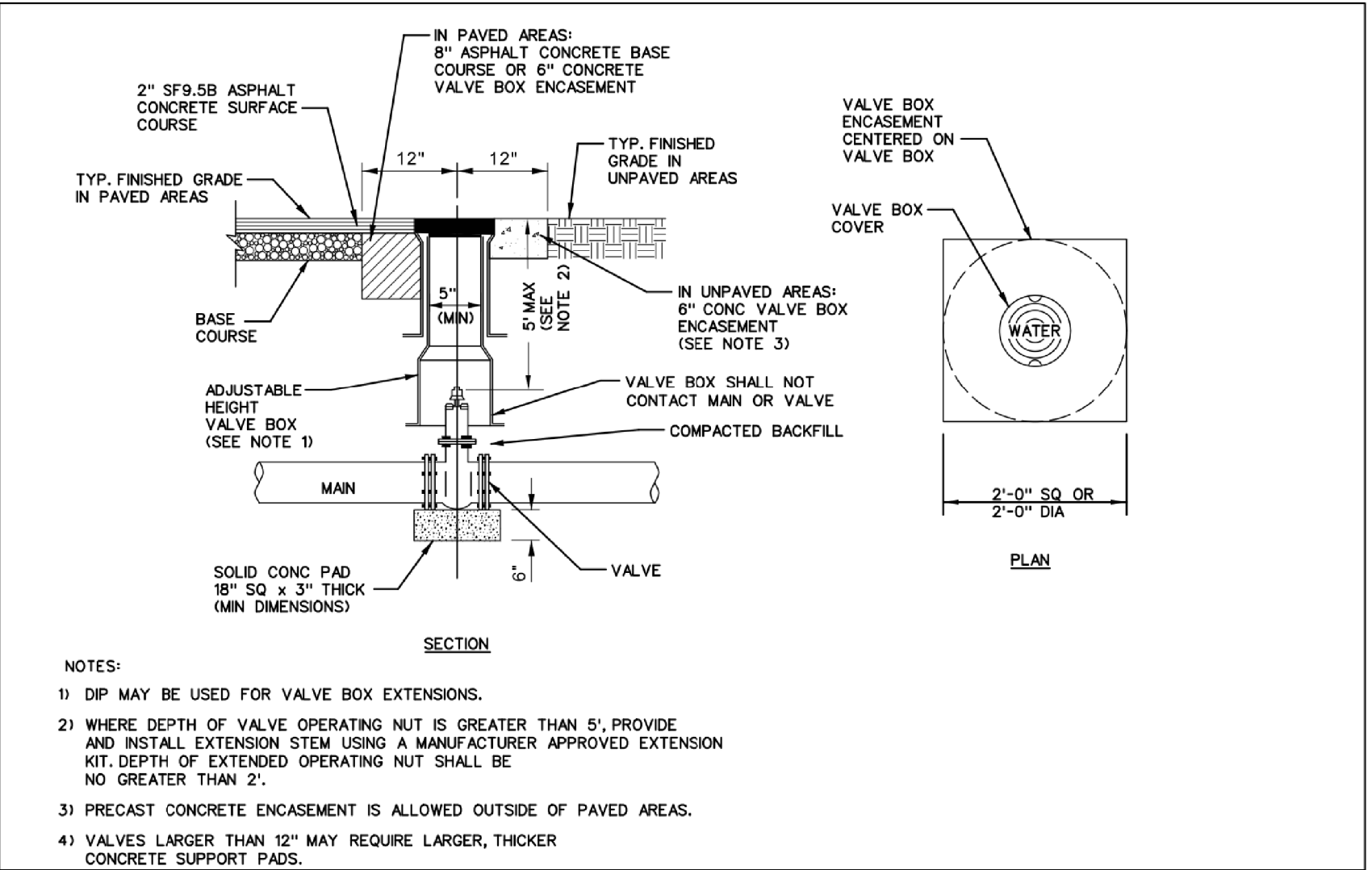


THRUST BLOCK FOR HORIZONTAL PIPE BENDS
 TOWN OF TARBORO STANDARD DETAIL
 DATE: 07-01-15 SHEET - OF - STD. No. W-2.13

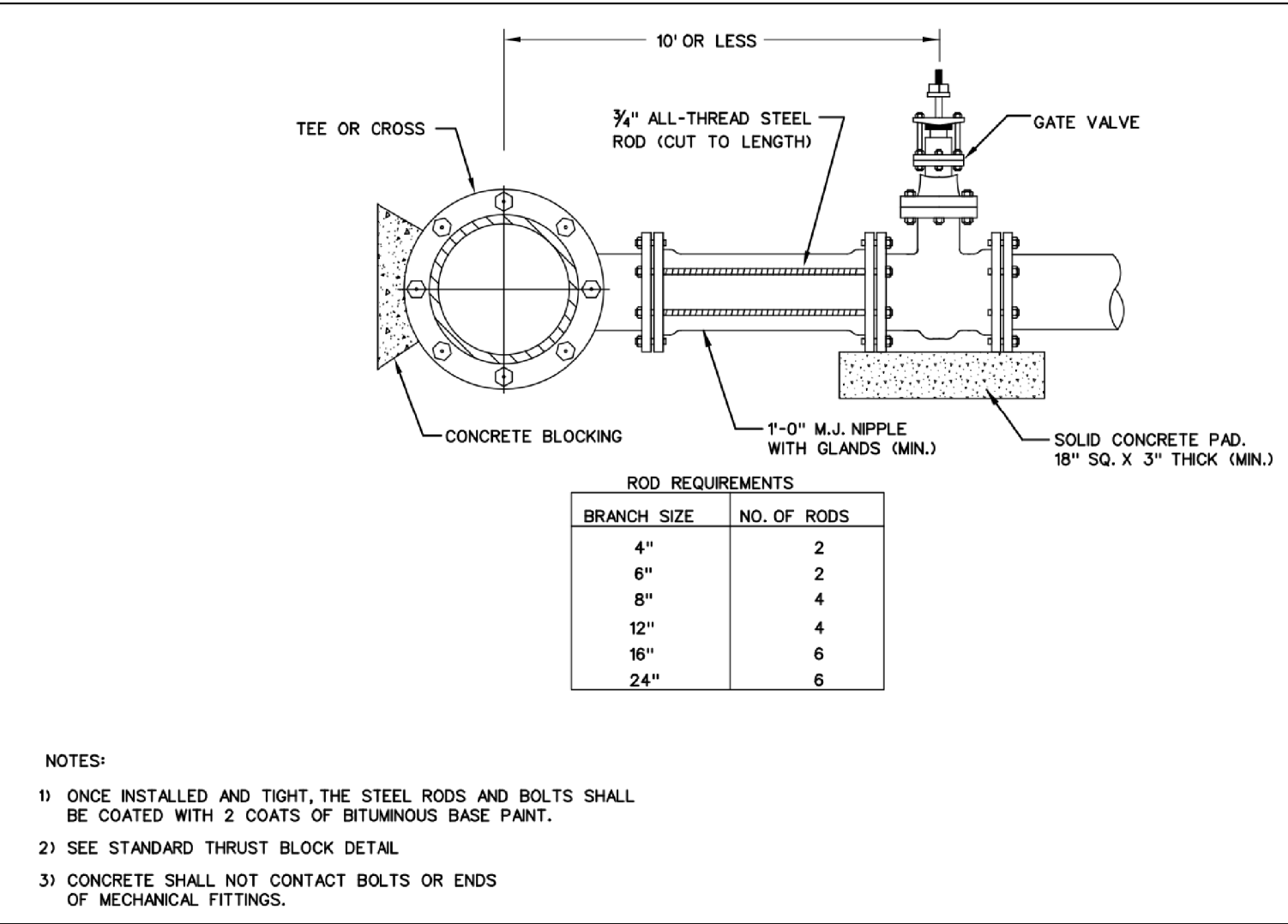
| FITTING | DIMENSION "A" | | |
|--------------|---------------|-------|--------|
| | 4" | 6" | 8" 12" |
| 11 1/4" BEND | 1'-4" | 1'-6" | 2'-0" |
| 22 1/2" BEND | 1'-6" | 1'-8" | 2'-0" |
| 45" BEND | 1'-8" | 2'-0" | 2'-6" |
| 90" BEND | 1'-8" | 2'-6" | 3'-4" |
| TEE | 1'-8" | 2'-6" | 3'-4" |



PVC (FLEXIBLE) GRAVITY SEWER PIPE BEDDING
 TOWN OF TARBORO STANDARD DETAIL
 DATE: 07-01-15 SHEET 1 OF 1 STD. No. S-1.18



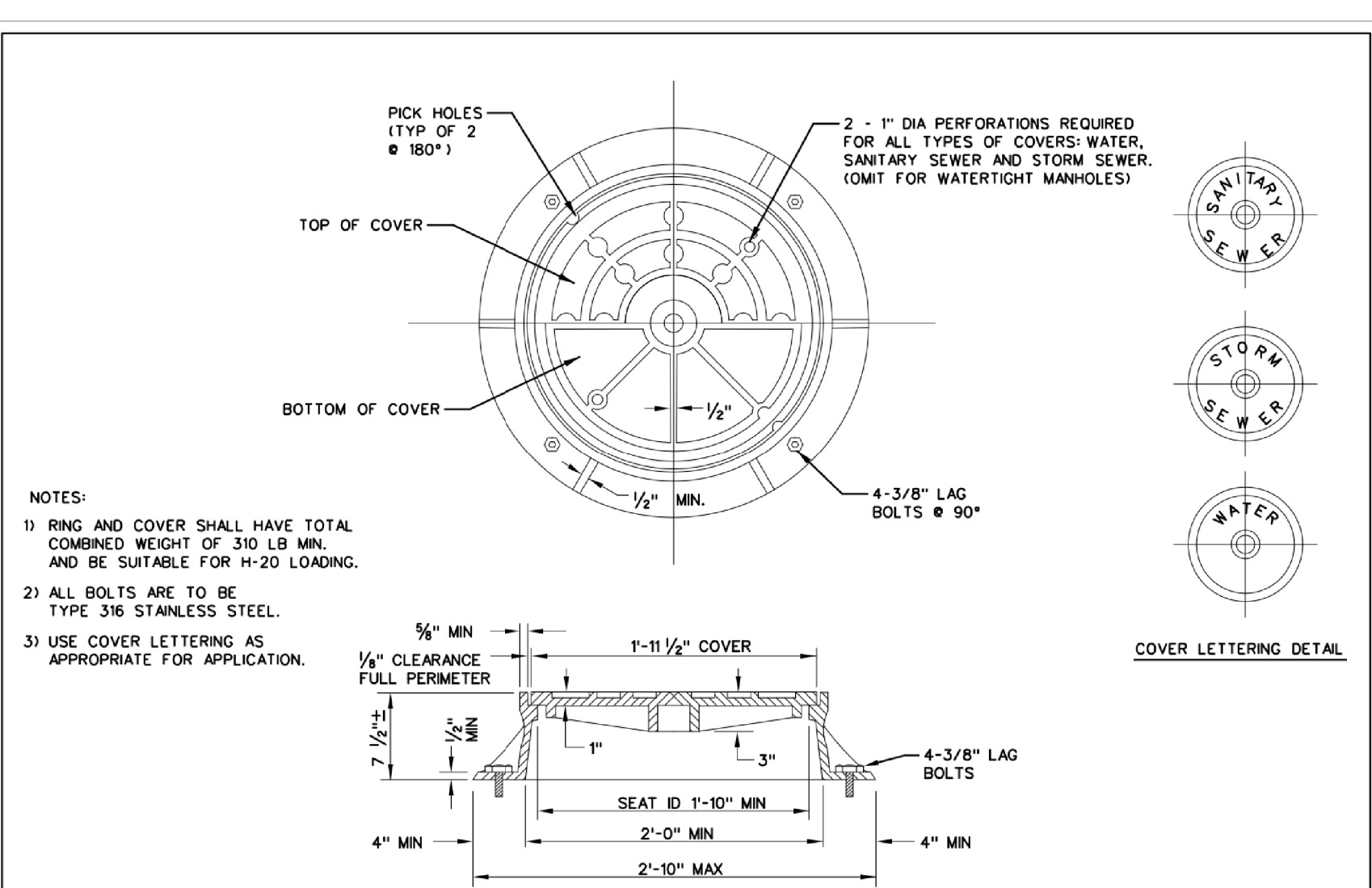
VALVE BOX INSTALLATION
 TOWN OF TARBORO STANDARD DETAIL
 DATE: 07-01-15 SHEET - OF - STD. No. W-2.07



STANDARD VALVE RODDING
 TOWN OF TARBORO STANDARD DETAIL
 DATE: 07-01-15 SHEET - OF - STD. No. W-2.12

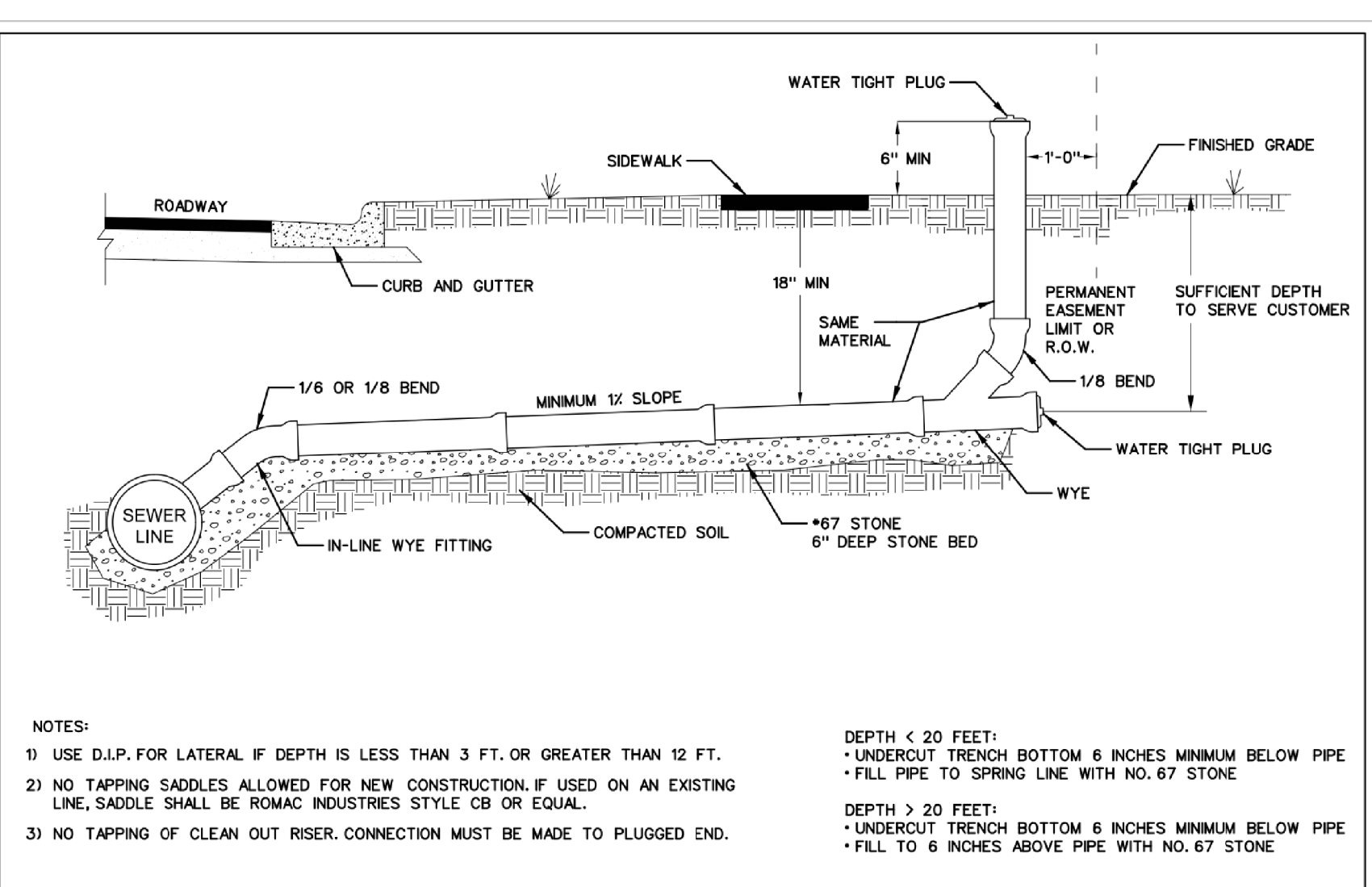
| BRANCH SIZE | NO. OF RODS |
|-------------|-------------|
| 4" | 2 |
| 6" | 2 |
| 8" | 4 |
| 12" | 4 |
| 16" | 6 |
| 24" | 6 |

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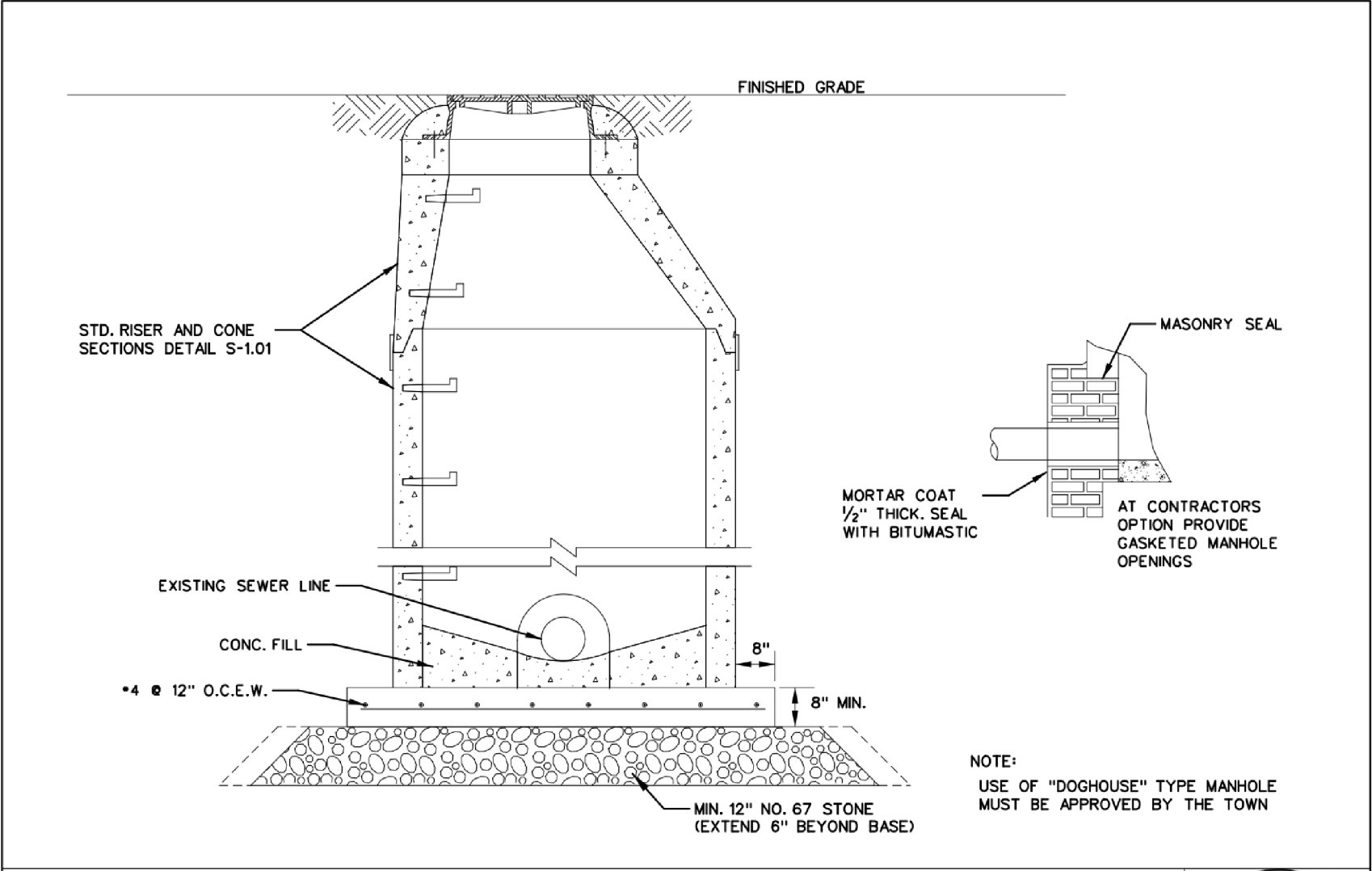
STANDARD MANHOLE RING AND COVER

| | | | |
|-------|-----------|------------------------|-----------------|
| DATE: | REVISIONS | TOWN OF TARBORO | DATE: 07-01-15 |
| | | STANDARD DETAIL | SHEET 1 OF 1 |
| | | | STD. No. S-1.07 |



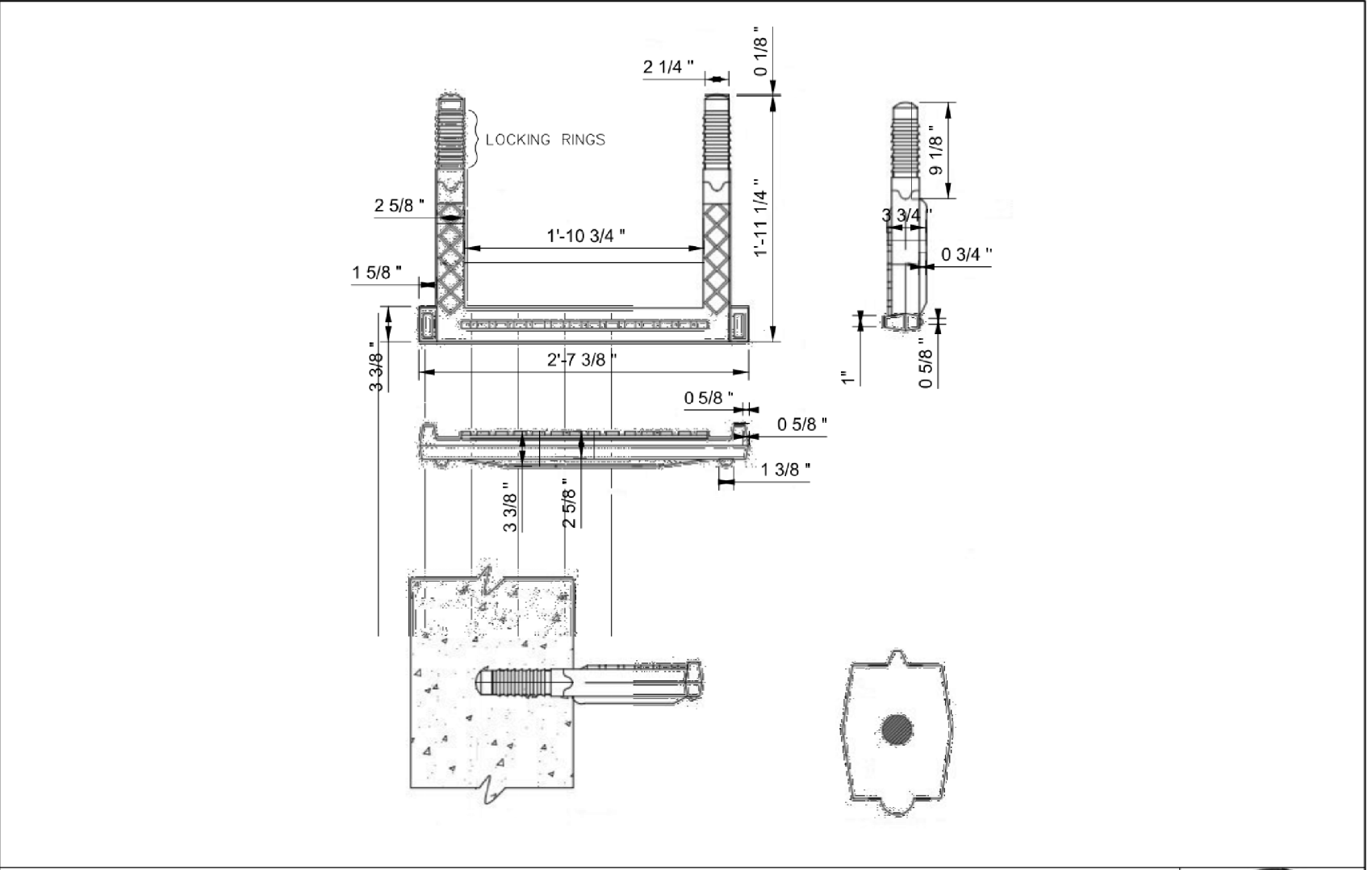
STANDARD SANITARY SEWER SERVICE

| | | | |
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| DATE: | REVISIONS | TOWN OF TARBORO | DATE: 07-01-15 |
| | | STANDARD DETAIL | SHEET 1 OF 1 |
| | | | STD. No. S-1.13 |



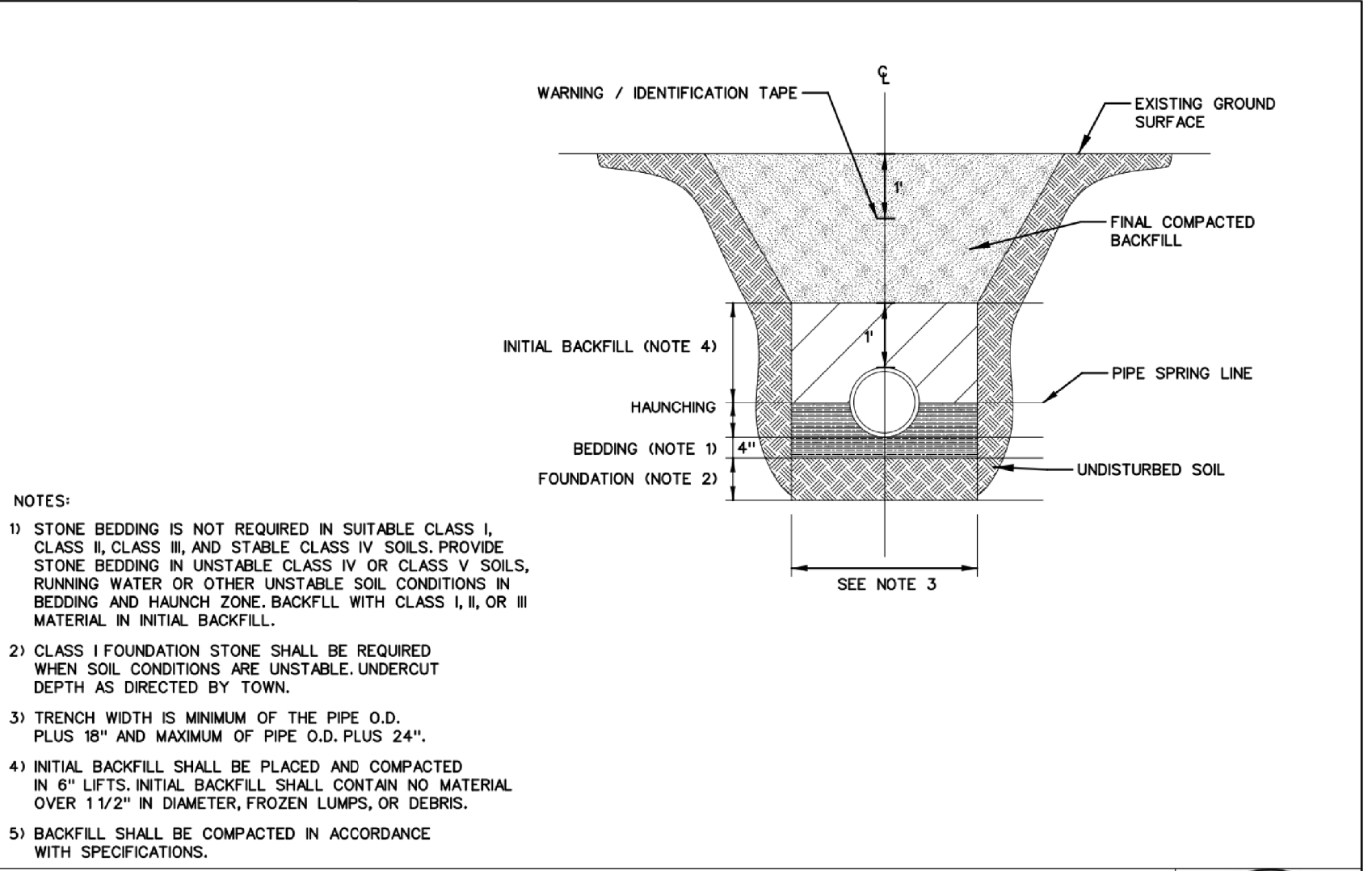
"DOGHOUSE" TYPE MANHOLE

| | | | |
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| DATE: | REVISIONS | TOWN OF TARBORO | DATE: 07-01-15 |
| | | STANDARD DETAIL | SHEET 1 OF 1 |
| | | | STD. No. S-1.04 |



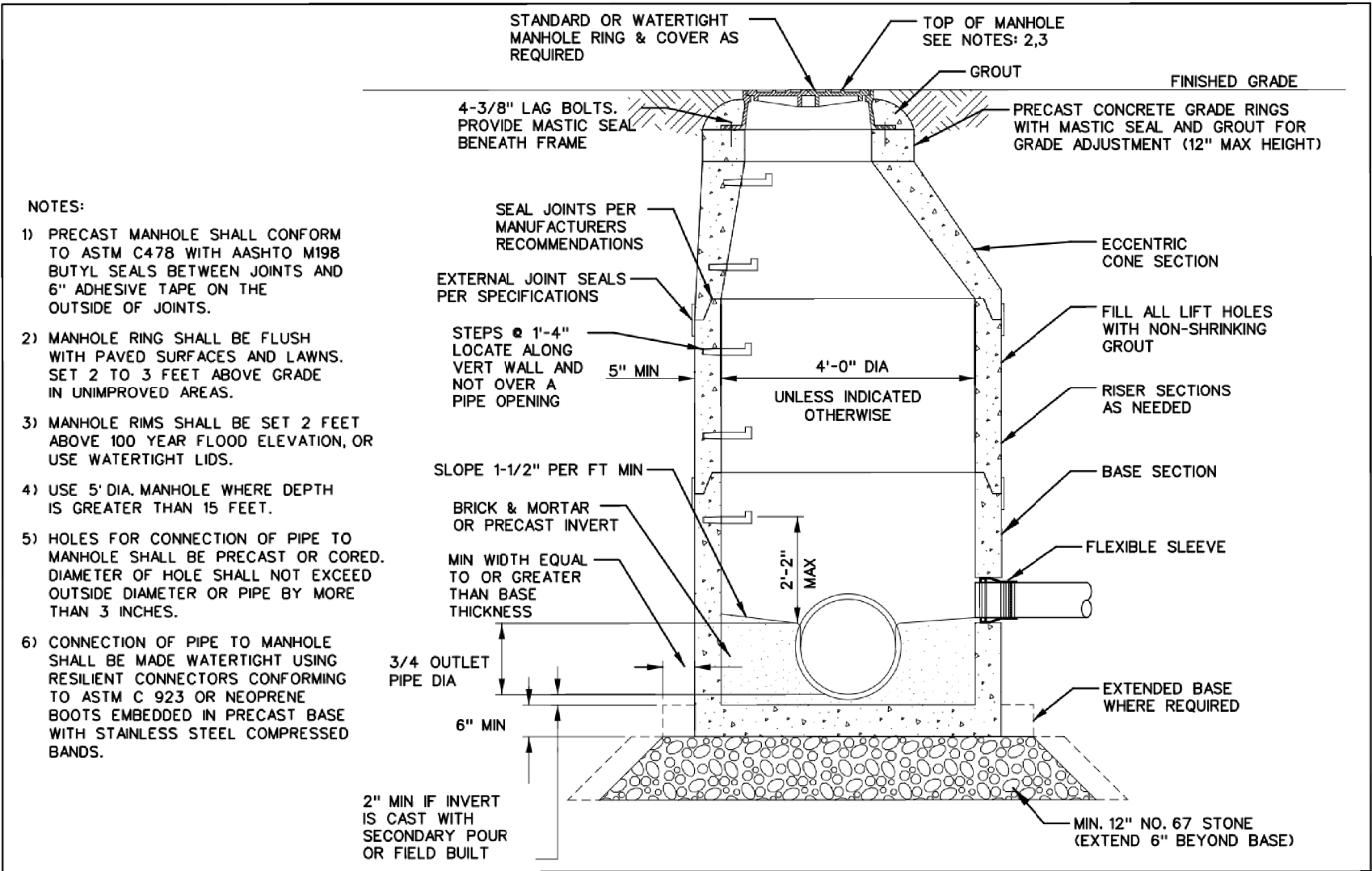
MANHOLE STEPS

| | | | |
|-------|-----------|------------------------|-----------------|
| DATE: | REVISIONS | TOWN OF TARBORO | DATE: 07-01-15 |
| | | STANDARD DETAIL | SHEET 1 OF 1 |
| | | | STD. No. S-1.12 |



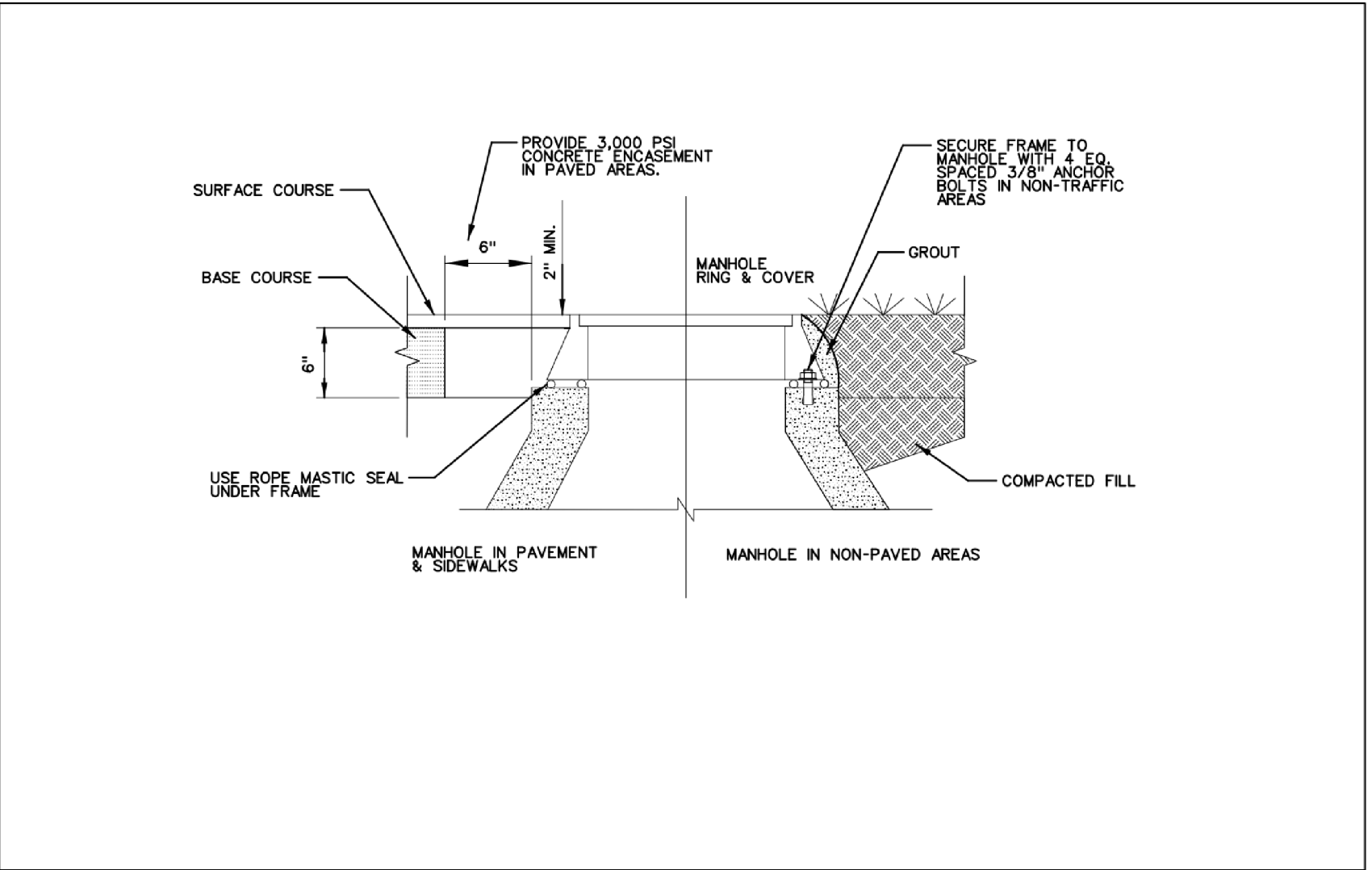
DUCTILE IRON (RIGID) PIPE GRAVITY SEWER BEDDING

| | | | |
|-------|-----------|------------------------|-----------------|
| DATE: | REVISIONS | TOWN OF TARBORO | DATE: 07-01-15 |
| | | STANDARD DETAIL | SHEET 1 OF 1 |
| | | | STD. No. S-1.17 |



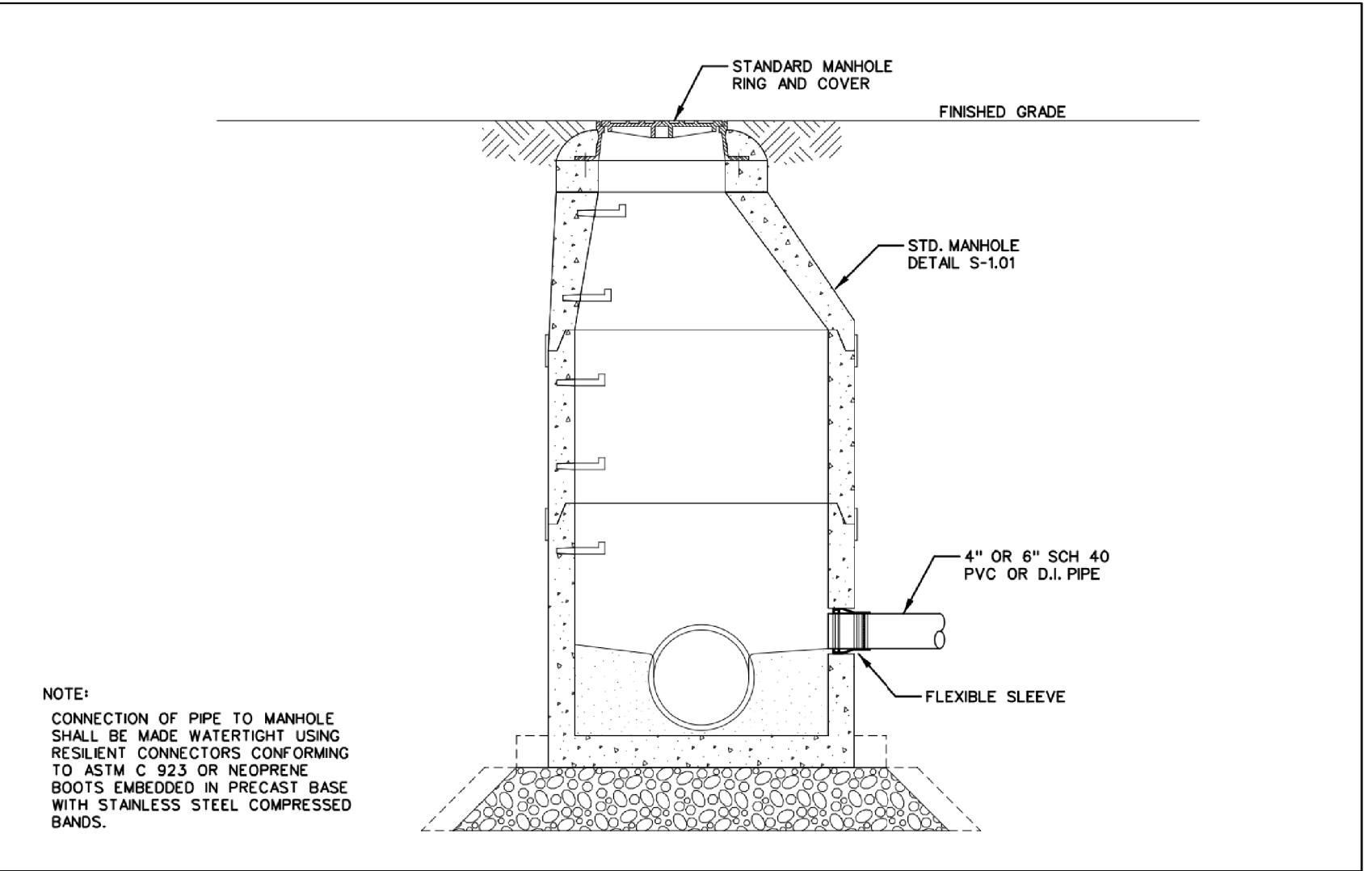
STANDARD PRECAST CONCRETE MANHOLE

| | | | |
|-------|-----------|------------------------|-----------------|
| DATE: | REVISIONS | TOWN OF TARBORO | DATE: 07-01-15 |
| | | STANDARD DETAIL | SHEET 1 OF 1 |
| | | | STD. No. S-1.01 |



MANHOLE RING AND COVER ANCHORING

| | | | |
|-------|-----------|------------------------|-----------------|
| DATE: | REVISIONS | TOWN OF TARBORO | DATE: 07-01-15 |
| | | STANDARD DETAIL | SHEET 1 OF 1 |
| | | | STD. No. S-1.11 |



SEWER LATERAL CONNECTION TO MANHOLE

| | | | |
|-------|-----------|------------------------|-----------------|
| DATE: | REVISIONS | TOWN OF TARBORO | DATE: 07-01-15 |
| | | STANDARD DETAIL | SHEET 1 OF 1 |
| | | | STD. No. S-1.14 |

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| PROJECT REFERENCE NO. U-4424 | SHEET NO. UC-16 |
| RW SHEET NO. | |
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