

City of Madison Landmarks Commission

APPLICATION

City of Madison Planning Division, 126 S Hamilton Street, P.O. Box 2985, Madison, WI 53701-2985



1. LOCATION

Project Address: 1 Speedway Rd

Aldermanic District: 13

2. PROJECT

Project Title / Description: Forest Hill Cemetery Improvements
Storm sewer, irrigation, and resurfacing

This is an application for: (check all that apply)

- ☒ Alteration / Addition to a Designated Landmark
- ☐ Land Division/Combination of Designated Landmark site
- ☐ Alteration / Addition to a building adjacent to a Designated Landmark
- ☐ Alteration / Addition to a building in a Local Historic District (specify):
- ☐ Mansion Hill ☐ Third Lake Ridge ☐ First Settlement
- ☐ University Heights ☐ Marquette Bungalows
- ☐ Land Division/Combination in a Local Historic District (specify):
- ☐ Mansion Hill ☐ Third Lake Ridge ☐ First Settlement
- ☐ University Heights ☐ Marquette Bungalows
- ☐ New Construction in a Local Historic District (specify):
- ☐ Mansion Hill ☐ Third Lake Ridge ☐ First Settlement
- ☐ University Heights ☐ Marquette Bungalows
- ☐ Demolition
- ☐ Variance from the Historic Preservation Ordinance (Chapter 41)
- ☐ Referral from Common Council, Plan Commission, or other referral
- ☐ Landmark Nomination/Rescission or Historic District Nomination/Amendment
(Please contact the Historic Preservation Planner for specific submission requirements.)
- ☐ Other (specify): _____

Legistar #

PLANNING DIVISION USE ONLY

3. APPLICANT

Applicant's Name: Corey Stelljes Company: City of Madison
Address: 210 Martin Luther King Jr Blvd Rm 104
Telephone: 608 266-6518 E-mail: cstelljes@cityofmadison.com

Property Owner (if not applicant): Eric Knapp
Address: 210 MLK JR Blvd Rm 104

Property Owner's Signature: [Signature] Date: 3/1/17

NOTICE REGARDING LOBBYING ORDINANCE: If you are seeking approval of a development that has over 40,000 square feet of non-residential space, or a residential development of over 10 dwelling units, or if you are seeking assistance from the City with a value of \$10,000 (including grants, loans, TIF or similar assistance), then you likely are subject to Madison's lobbying ordinance (Sec. 2.40, MGO). You are required to register and report your lobbying. Please consult the City Clerk's Office for more information. Failure to comply with the lobbying ordinance may result in fines.

4. APPLICATION SUBMISSION REQUIREMENTS (see checklist on reverse)

All applications must be filed by 4:30 p.m. on the submission date with the Preservation Planner, the Department of Planning & Community & Economic Development, Planning Division, located at 126 S Hamilton Street. Applications submitted after the submittal date or incomplete applications will be postponed to the next scheduled filing time.



Madison Parks Division

210 Martin Luther King, Jr. Blvd., Room 104
PO Box 2987
Madison, WI 53701-2987
608-266-4711 • cityofmadison.com/parks



TO: Landmarks Commission
Amy Scanlon, Historic Preservation Planner

FROM: Eric M. Knepp *EMK*
Parks Superintendent

DATE: March 6, 2017

SUBJECT: Forest Hill Cemetery Storm Sewer, Irrigation, and Roadway Improvements

The City of Madison Parks Division wishes to submit the following project for consideration by the Landmarks Commission. Please consider this narrative and description of construction activities and the attached preliminary plans for review.

The planned project activities include the construction of storm sewer to address stormwater runoff issues, irrigation system replacement, and the replacement of bituminous pavement. The pavement is proposed to be replaced at the existing widths with no expansion into new areas.

Storm sewer will be constructed near the centerline of the roadways and inlets placed at low points at locations shown on the attached plans. New storm sewer will be installed under the roadway at a depth of approximately 4 ft – 10 ft and will vary in size from 12" to 18" in diameter. Storm sewer deeper than 5 ft or in close proximity to tree roots will be installed by directional drill so that disturbance is minimized.

The irrigation system will have a depth of approximately 18" and be installed just off the edge of pavement in locations shown on the attached plans. Main diameter will vary from 3" to 6". Main will be installed by a trenching machine, with directional drill used for areas near trees to minimize disturbance.

This project will be phased with anticipated work as follows:

- 2017 – South half of storm sewer and irrigation, pavement resurfacing of disturbed roads.
- 2018 – North half of storm sewer, pavement resurfacing of disturbed roads.
- 2019 – Remaining pavement resurfacing.

If there are any questions with the above information, please contact Corey Stelljes at (608) 266-6518 or cstelljes@cityofmadison.com.

Enclosures:

Letter from Phase One Archaeological Services, Inc.
Preliminary storm sewer, irrigation, and pavement resurfacing plans
Existing site photos

cc: Kay Rutledge, Parks Division
Janet Schmidt, Parks Division
Corey Stelljes, Parks Division

PHASE ONE ARCHAEOLOGICAL SERVICES INC.

P.O. Box 45822 MADISON, WISCONSIN, 53744

PHASEONEARCHAEOLOGY@GMAIL.COM

608-334-1828

3 March, 2017

Mr. Corey Stelljes P.E.
Project Engineer
City of Madison Parks Division
City-County Building, Rm 104
210 Martin Luther King, Jr. Blvd.
Madison, WI 53703-3342

Status Update: Archaeological investigation and consultation with State Historical Society of Wisconsin for the proposed road and utility improvement project (MUNIS # 17134), Forest Hill Cemetery, City of Madison, Dane County, Wisconsin.

Dear Mr. Stelljes:

Please allow this letter to provide you and your associates with an update of our investigations and activities conducted thus far with the State Historical Society of Wisconsin (SHSW) for the planned Forest Hill Cemetery (FHC) project.

The original goal of our work was consult with the SHSW in order to facilitate approval of the FHC design plan as quickly as possible, while assuring the City would be acting in full compliance of both Federal and Wisconsin laws and regulations regarding construction within and near archaeological sites and human burial areas.

The secondary goal of our involvement in the project was to minimize the need for costly archaeological monitoring of planned project activities by consulting with the SHSW and suggesting changes to design plans that will reduce the need to have construction supervised by an archaeologist.

To accomplish our goals, over the last several months we have been working closely with the staff of the SHSW. We have met with SHSW compliance reviewers, burial sites preservation personnel, the staff of the Office of the State Archaeologist, as well with Mr. Darin Hall of FHC.

These meetings have focused on addressing concerns for the potential disturbance of human remains of the cemetery itself - (47-BDA-0177) and of the archaeological mound group/ human burial area (47-DA-0134) within and adjacent to the areas of proposed construction.

I am happy to report that the results of our investigations have led to an agreement with SHSW that the extensive work on removing and resurfacing the road, in its entirety, will not require an archaeological monitor.

At present, excavations in only a few especially sensitive areas of the planned storm sewer and irrigation route will require an archaeologist to be present.

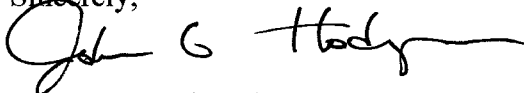
Consultation with the SHPO has also led to an agreement that the existing irrigation lines can be left abandoned in place and all surface features (facets etc.) can be removed without requiring permitting under Wisconsin Statutes 157.70 to conduct ground disturbing operations with in the areas of a cataloged Native American Mound Group and human burial site (47-DA-0134). The consultation also resulted and an agreement that the construction will not require permitting for work in areas of 47-DA-0134 that are listed on the National Register of Historic Places.

We are currently in the process of checking the minor changes that have recently been made to the design plans for the irrigation lines with known burial areas and are preparing the final report of investigations.

In addition to the report, we also are preparing the required permit applications for conducting the planned construction activities with the uncataloged areas of the human burial sites for the cemetery and the archaeological mound group/ human burial area within and adjacent to the areas of proposed construction.

If you have any further questions or require additional information, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "John G. Hodgson". The signature is fluid and cursive, with a long horizontal stroke at the end.

John Garwood Hodgson
Senior Field Archaeologist/Principal Investigator

FOREST HILL CEMETERY EXISTING SITE PHOTOS
TYPICAL EXISTING ROADWAY CONDITONS









EXISTING ASPHALT FLUME DRAINING TO VIRGINIA TERRACE- TO BE REPLACED



EXISTING CONCRETE WEIR WALL AND STORM SEWER INLET STRUCTURE
NEAR VIRGINIA TERRACE



ROADWAY RESURFACING
BOUNDARY-2018 (ALL ROADS)

ST PROPOSED STORM SEWER 2017
RESURFACE DISTURBED ROADS

PROPOSED STORM SEWER 2018
RESURFACE DISTURBED ROADS

ST EXISTING STORM SEWER
(TO REMAIN)

W EXISTING IRRIGATION

PROPOSED IRRIGATION 2017

City of Madison
Department of Public Works
PARKS DIVISION
City-County Building, Suite 104
210 Martin Luther King, Jr. Blvd.
Madison, WI 53703

play
MADISON
PARKS

Graphical Scale
0 300 ft N

PROJECT:
FOREST HILL
CEMETERY
IMPROVEMENTS

FOREST HILL
CEMETERY
1 SPEEDWAY RD
MADISON, WI 53715

Although every effort has been made in preparing these
plans and checking them for accuracy, the contractor and
subcontractors must check all details and dimensions of
their trade and be responsible for the same.

ITEM	DATE
Drawn by: CCS	1-9-2017

PUBLIC WORKS PROJECT #:
####

SHEET TITLE:
OVERVIEW

SHEET NUMBER:
D-1

ALL STORM SEWER PIPE:
TRENCHES SHALL BE RESTORED
WITH TRENCH PATCH TYPE IV



EXISTING IRRIGATION SYSTEM
TO BE ABANDONED

SAWCUT ASPHALT
PAVEMENT

ST EX 18" STM

TRENCH PATCH
TYPE III

PULVERIZE AND SHAPE
ASPHALT ROADWAY
PER ARTICLE 403.3.

MATCHLINE STA 15+00.00

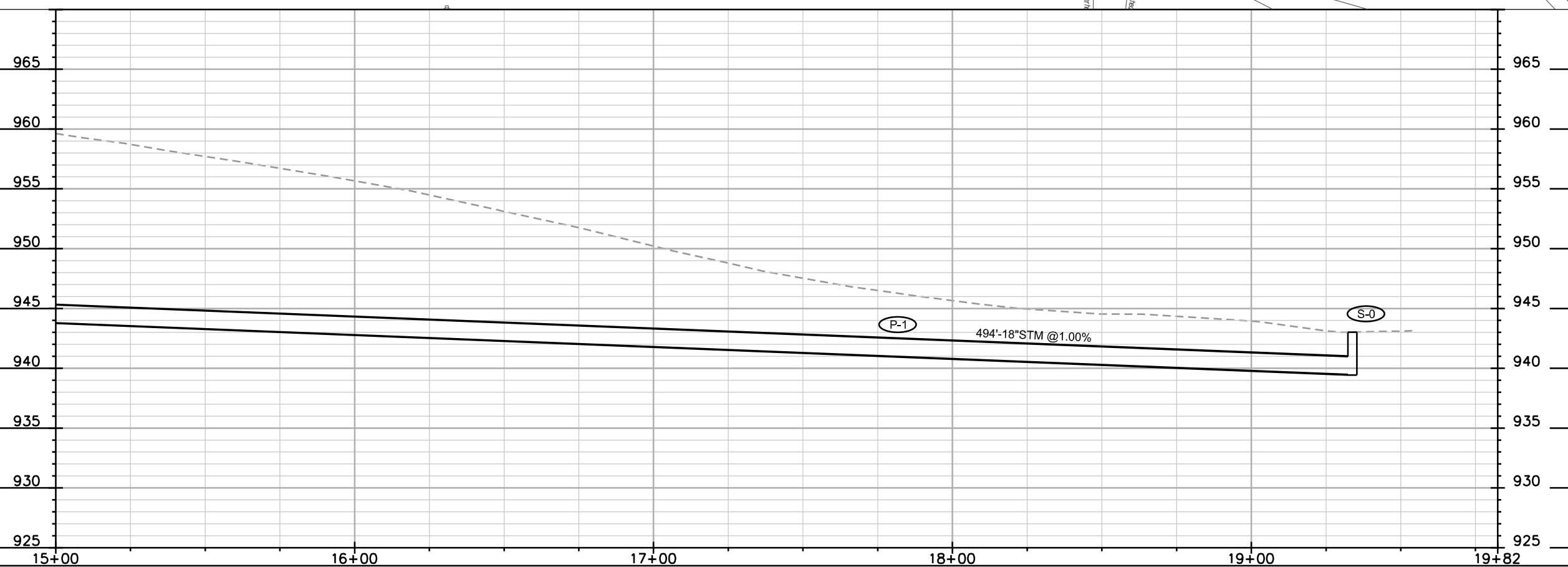
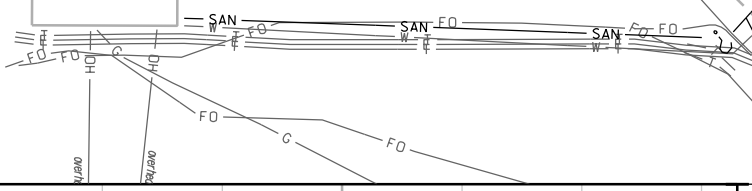
STREET A
(P-1)

(S-0)

19+82

POE
19+82.41

office
cemetary
BUILDING

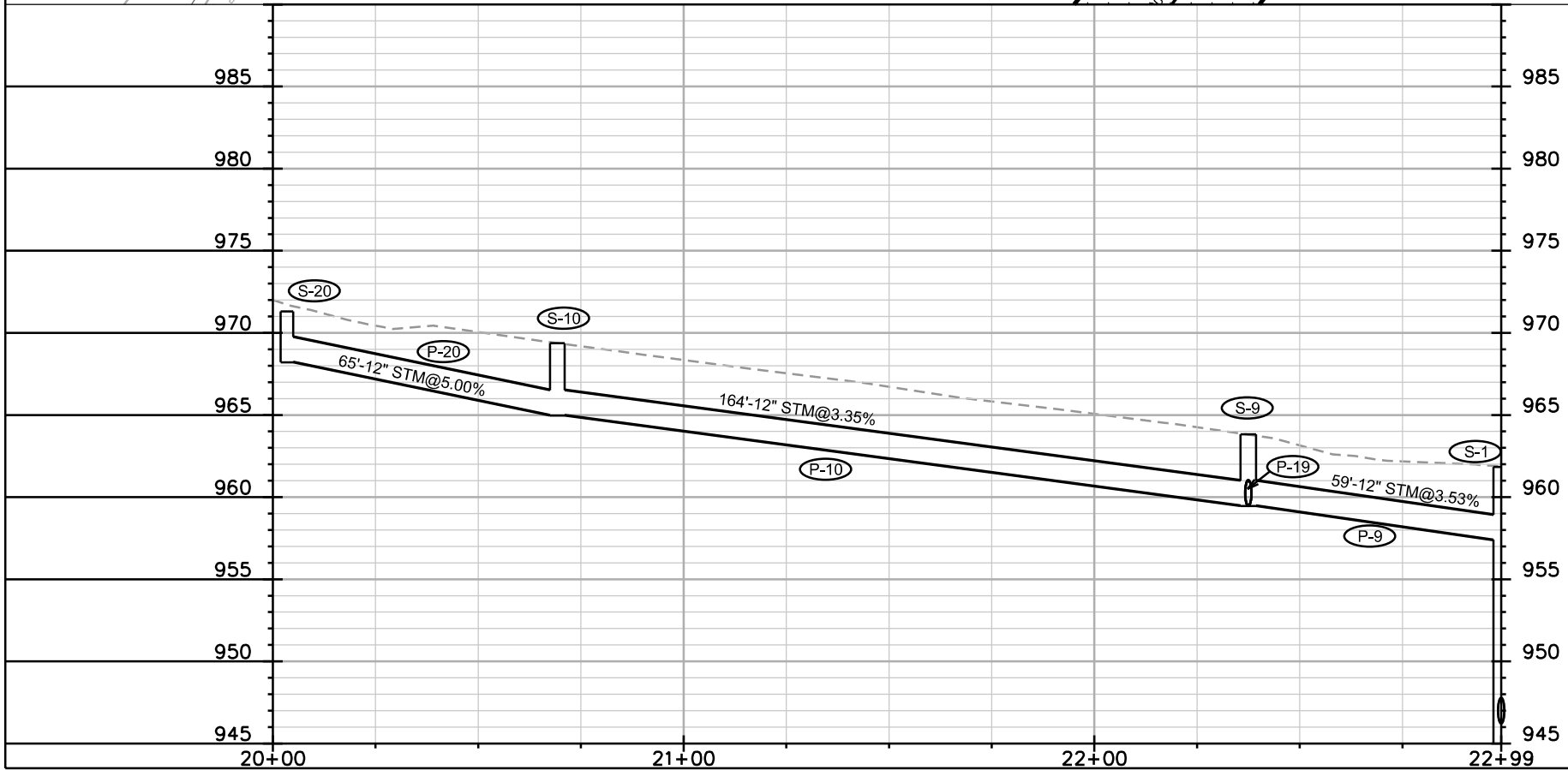
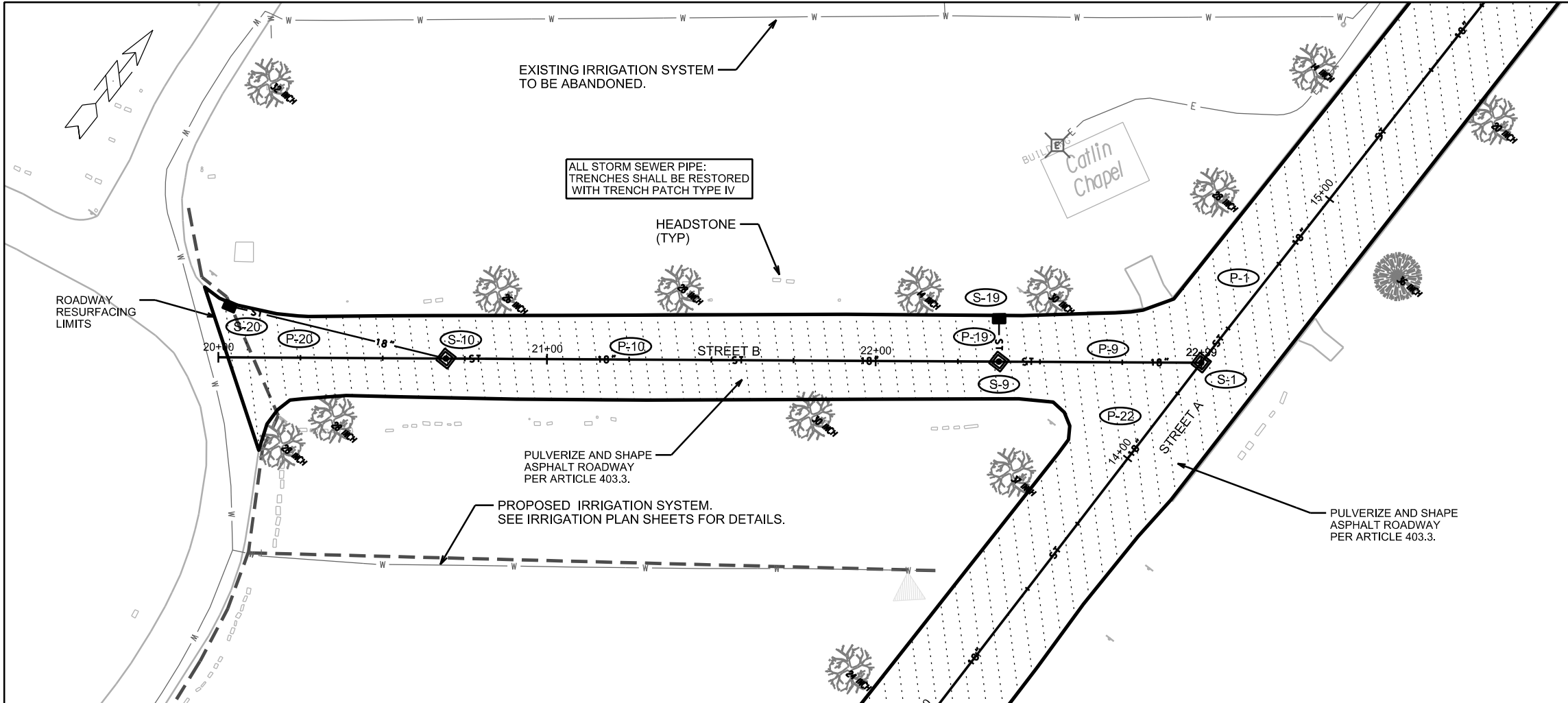


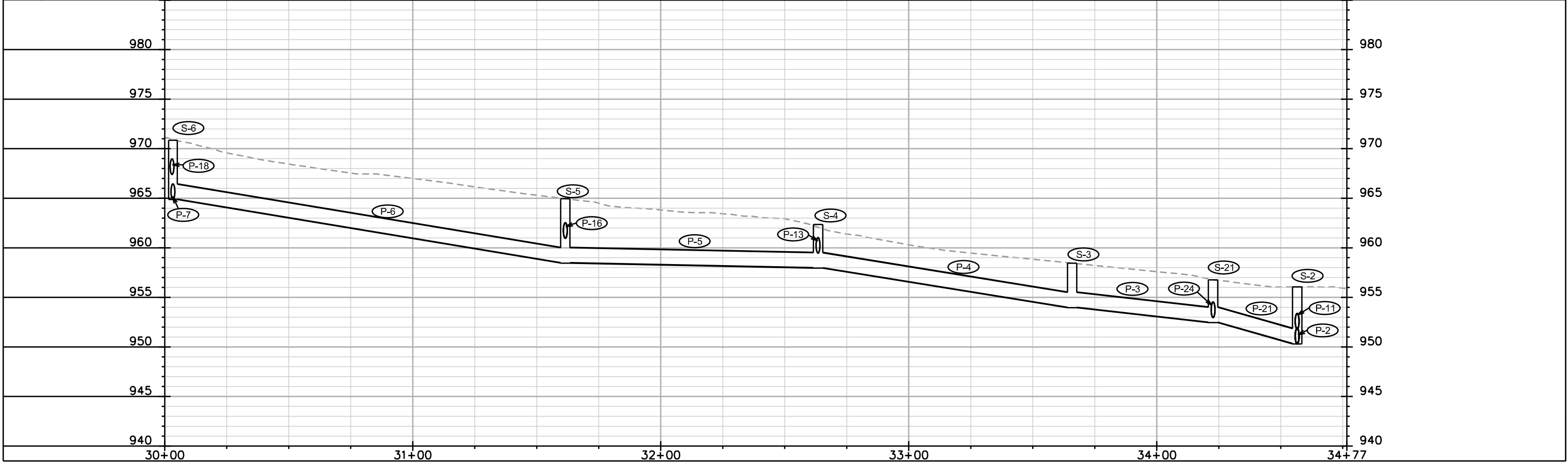
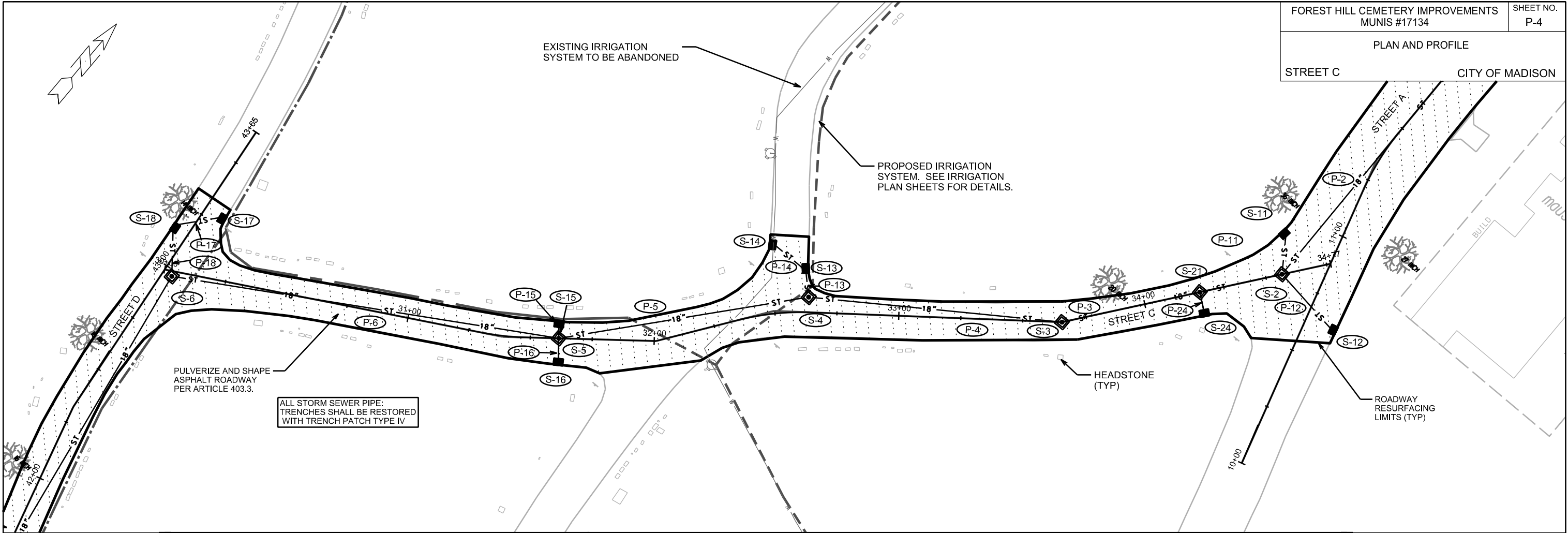
PLOT SCALE: _____

PLOT NAME: _____

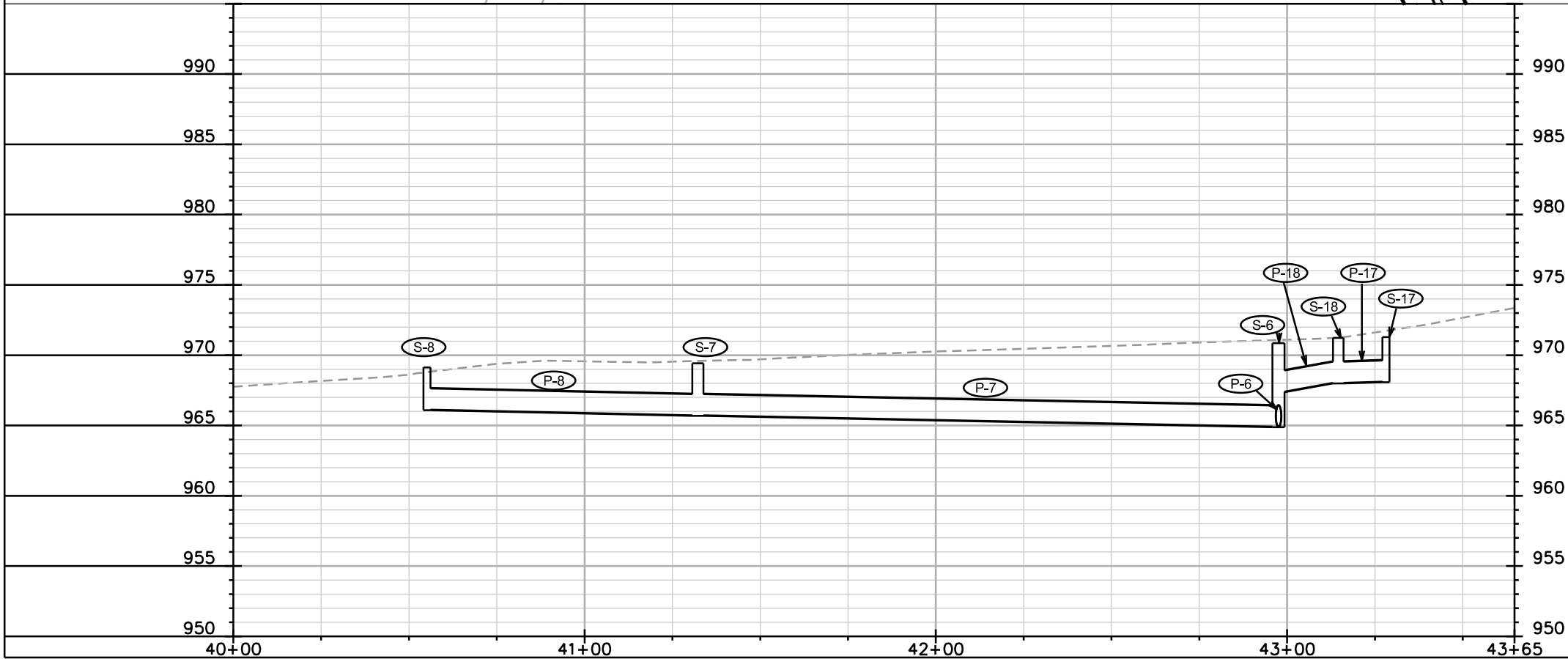
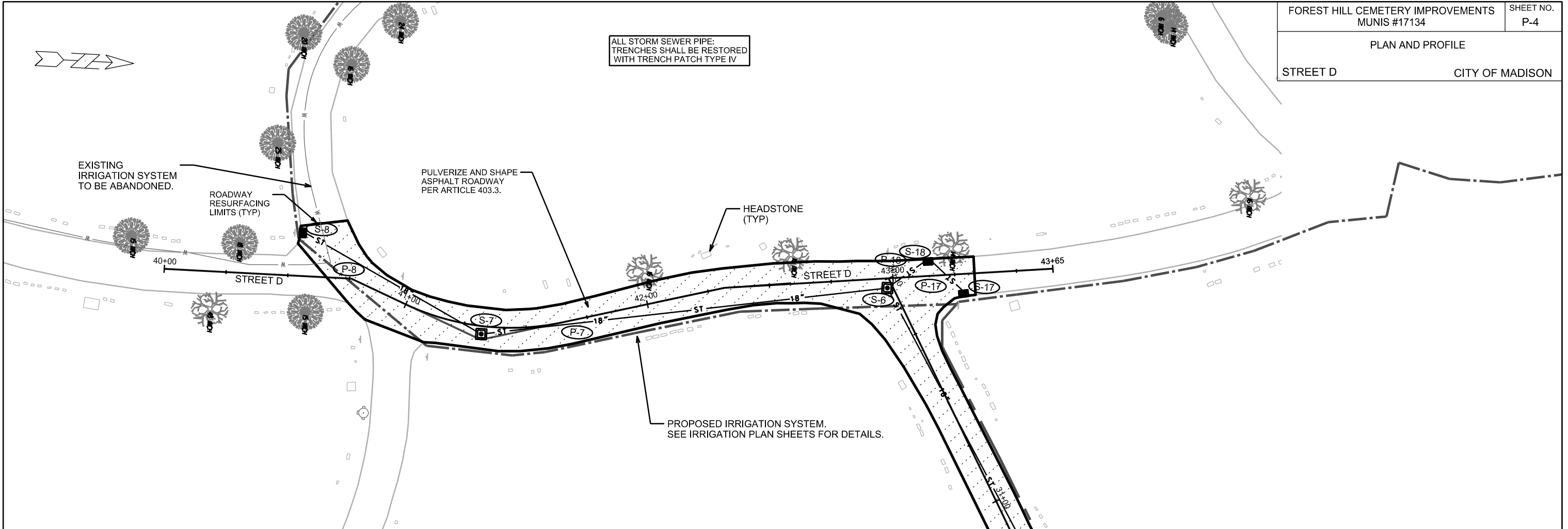
REV. DATE: _____

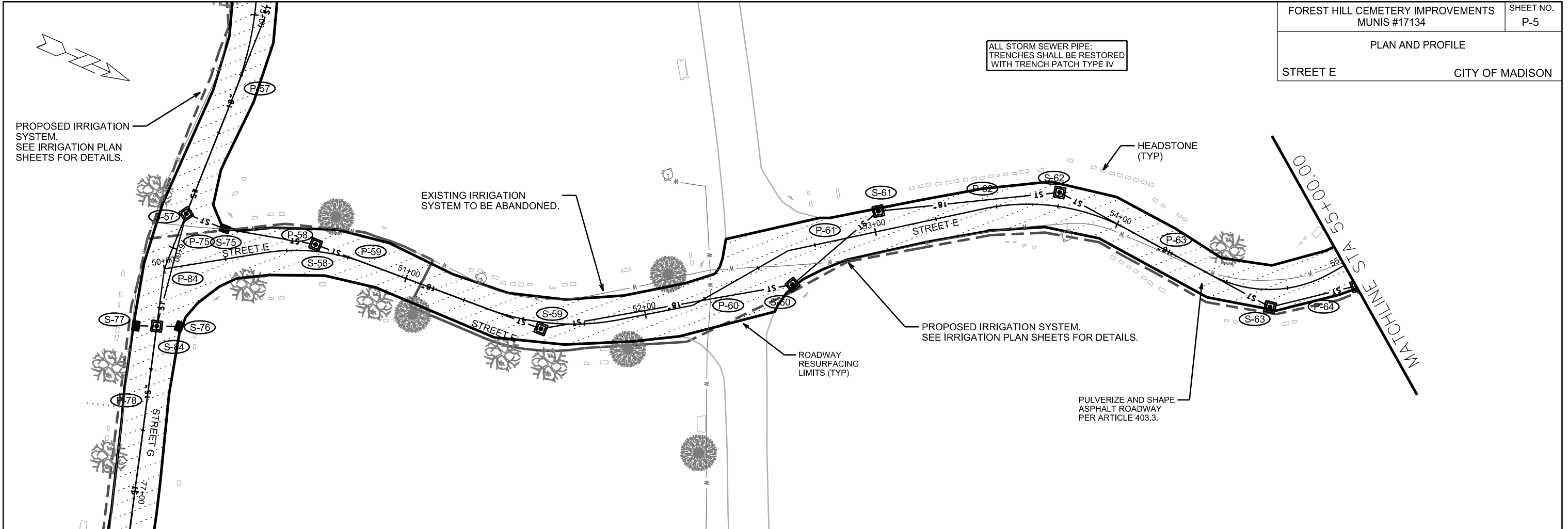
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

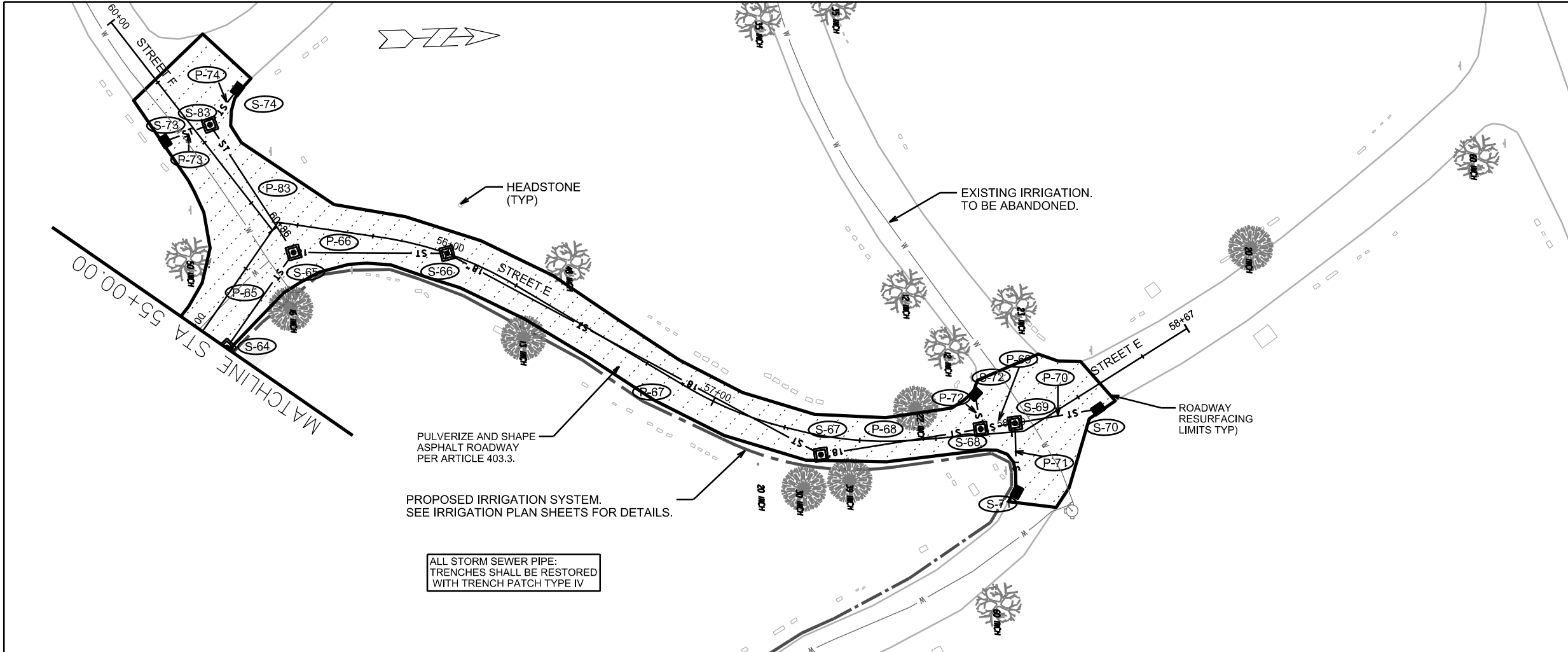


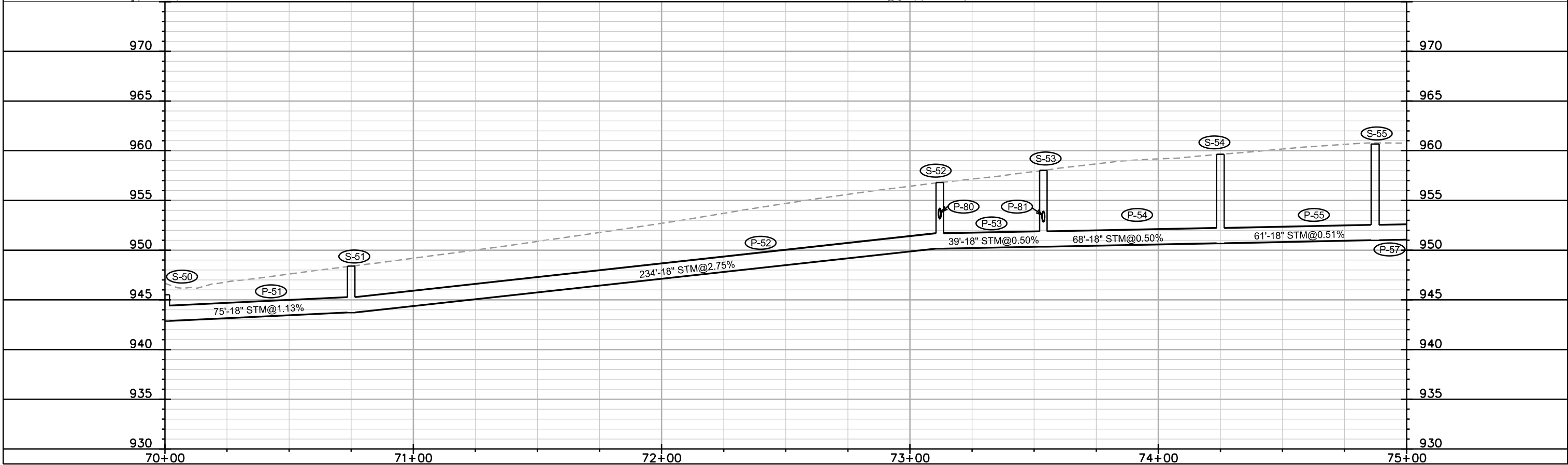
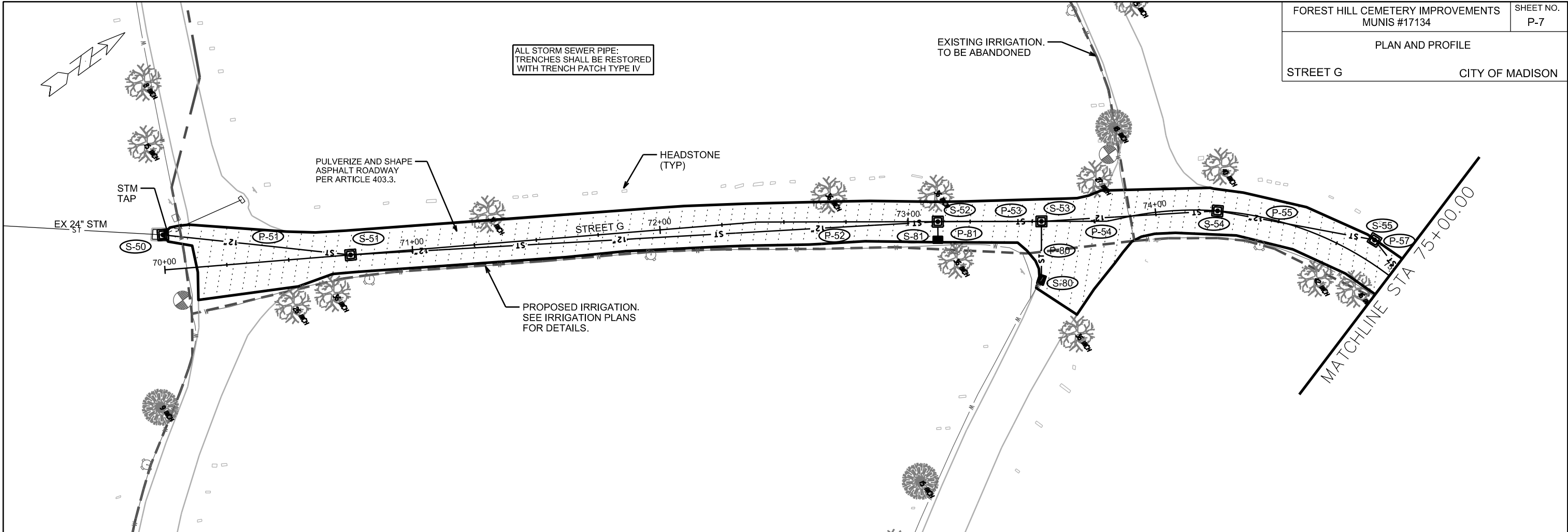


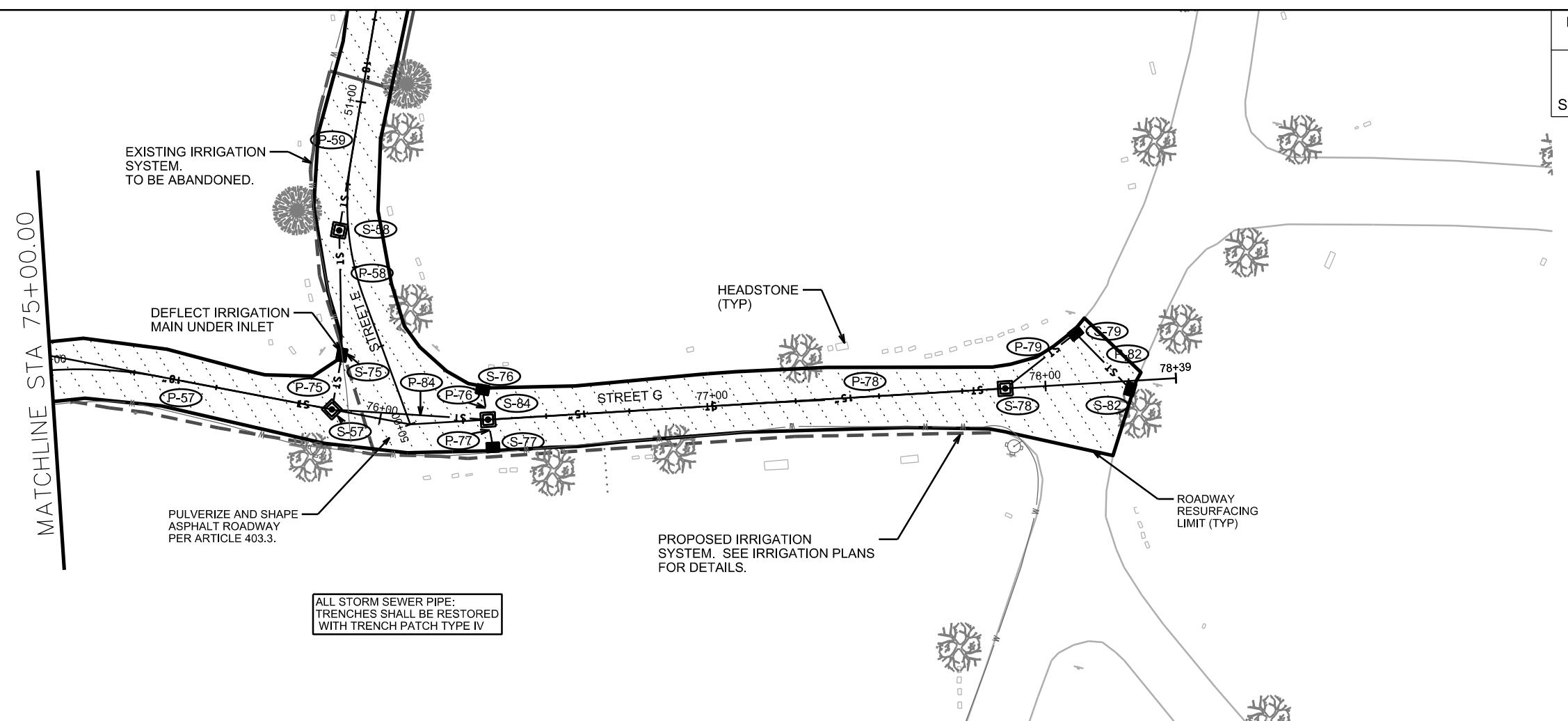
ALL STORM SEWER PIPE:
TRENCHES SHALL BE RESTORED
WITH TRENCH PATCH TYPE IV



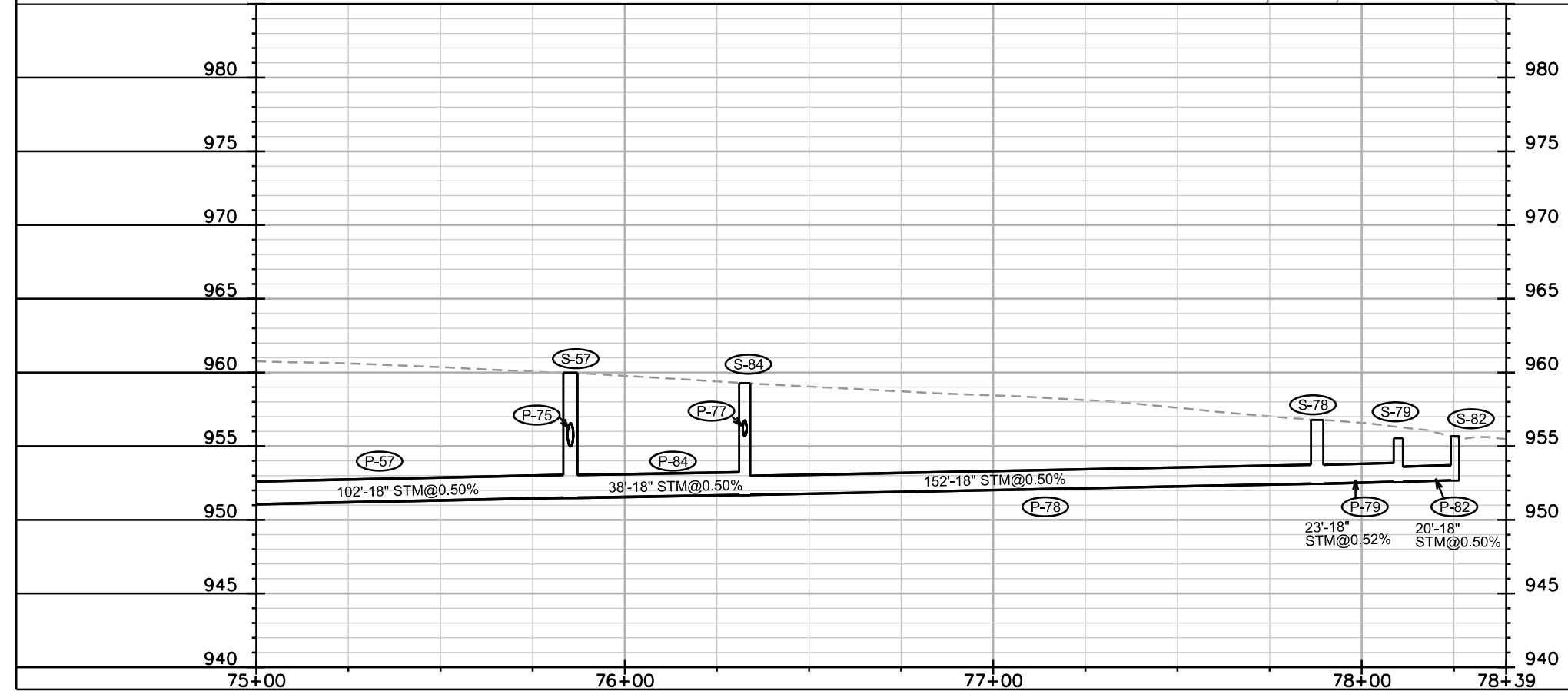


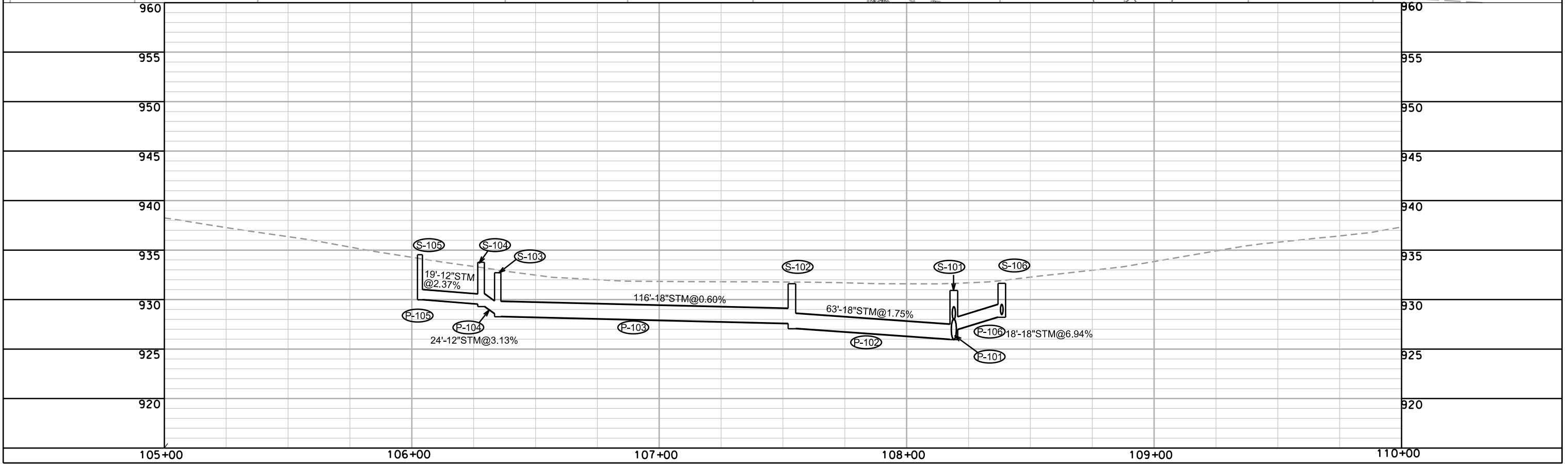
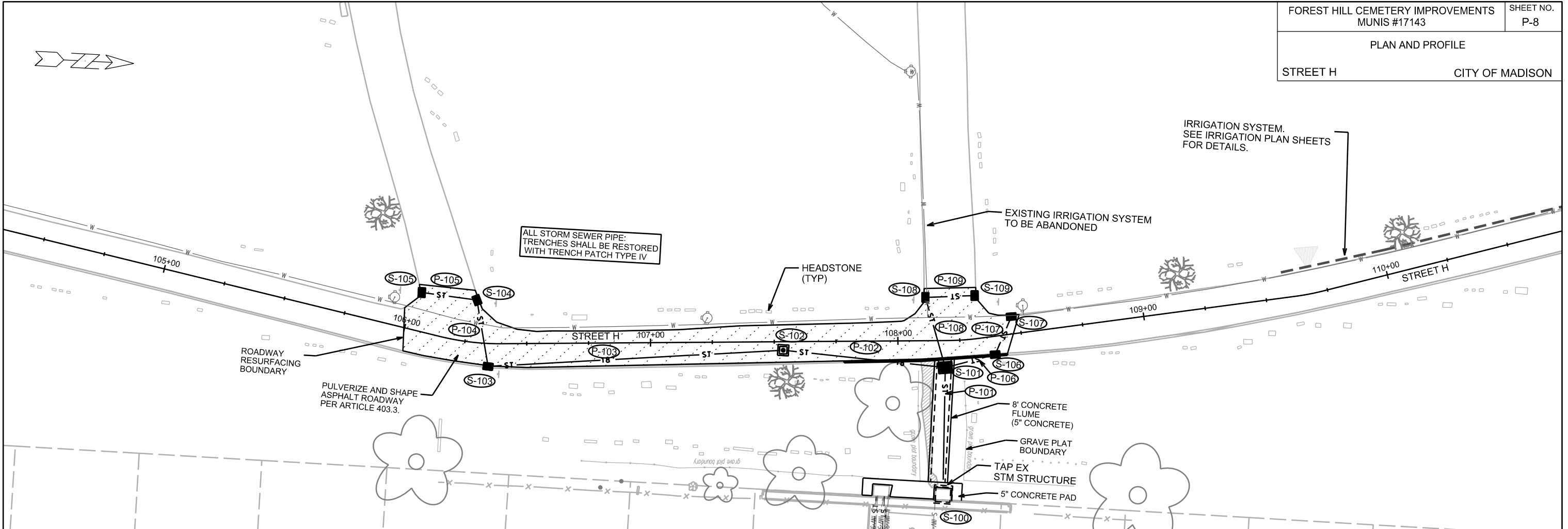






ALL STORM SEWER PIPE:
TRENCHES SHALL BE RESTORED
WITH TRENCH PATCH TYPE IV

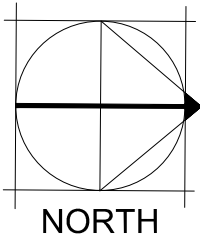
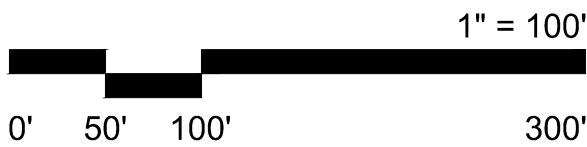




REVISIONS

DATE	02/03/17
DRAWN:	AMA
CHECKED:	DPF
DOCUMENT NO.	

IR1



LEGEND

- CL 200 PVC PIPE - Mainline, sizes vary; FOLLOWS EXISTING ROUTES
- CL 200 PVC PIPE - Mainline, sizes vary; NEW ROUTE
- ISOLATION GATE VALVE - Size to pipe
- HUNTER 1" Quick Coupler - HQ-44LRC-R
Provide owner with two Valve Keys and Hose Swivels, HK-44 key and HS-1 Hose Swivel
- HOSE BIB Location; See Detail
- 3" POINT OF CONNECTION
- 2" BLOW OUT TAP
- AIR RELEASE VALVE
- Pipe size
- PVC Class 200 Sleeve - Size per plan

4" SI PVC Pipe Sleeve Size
3" Bore 20' Length of Bore
Bore Size

Stake and receive project manager approval for all bores prior to boring.

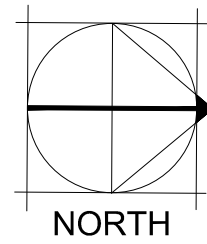
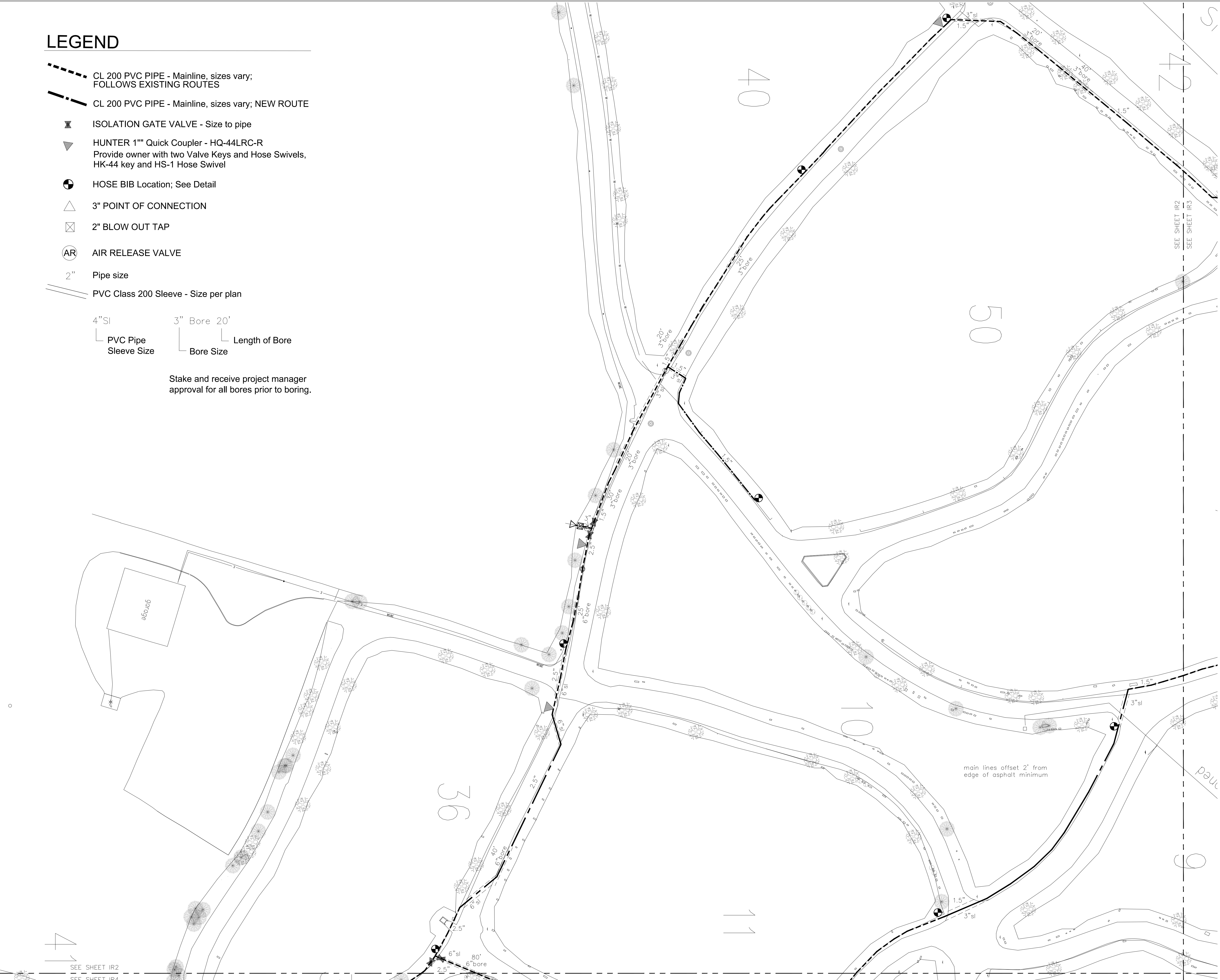


LEGEND

- CL 200 PVC PIPE - Mainline, sizes vary;
FOLLOWS EXISTING ROUTES
- CL 200 PVC PIPE - Mainline, sizes vary; NEW ROUTE
- ISOLATION GATE VALVE - Size to pipe
- HUNTER 1" Quick Coupler - HQ-44LRC-R
Provide owner with two Valve Keys and Hose Swivels,
HK-44 key and HS-1 Hose Swivel
- HOSE BIB Location; See Detail
- 3" POINT OF CONNECTION
- 2" BLOW OUT TAP
- AIR RELEASE VALVE
- 2" Pipe size
- PVC Class 200 Sleeve - Size per plan



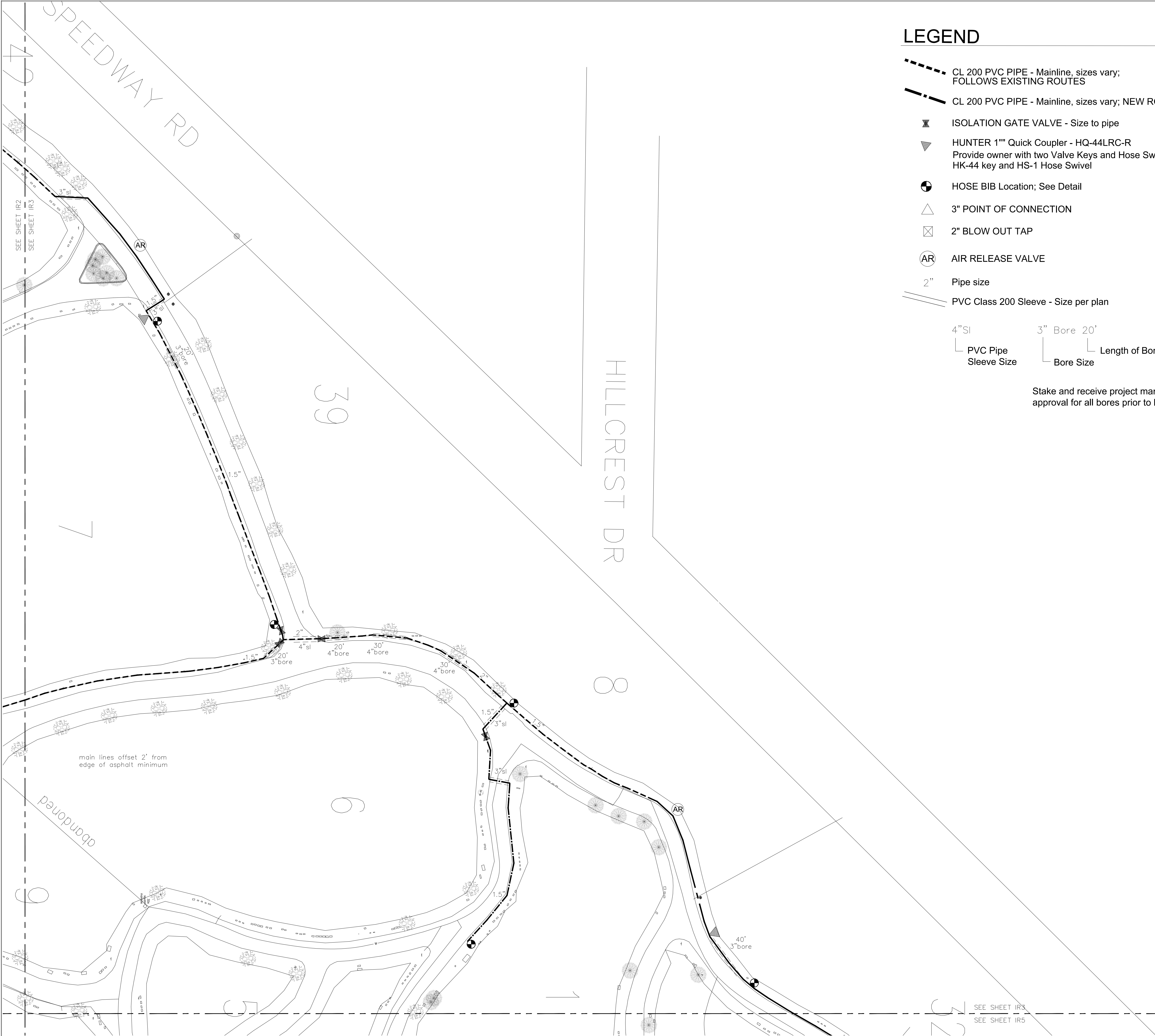
Stake and receive project manager
approval for all bores prior to boring.



IRRIGATION PLAN
SW QUADRANT

Forest Hill Cemetery
Madison, Wisconsin

REVISIONS	
DATE	02/03/17
DRAWN:	AMA
CHECKED:	DPF
DOCUMENT NO.	



- LEGEND
- CL 200 PVC PIPE - Mainline, sizes vary;
FOLLOWS EXISTING ROUTES

CL 200 PVC PIPE - Mainline, sizes vary; NEW ROUTE

ISOLATION GATE VALVE - Size to pipe

HUNTER 1" Quick Coupler - HQ-44LRC-R
Provide owner with two Valve Keys and Hose Swivels,
HK-44 key and HS-1 Hose Swivel

HOSE BIB Location; See Detail

3" POINT OF CONNECTION

2" BLOW OUT TAP

AIR RELEASE VALVE

Pipe size

PVC Class 200 Sleeve - Size per plan

4" SI

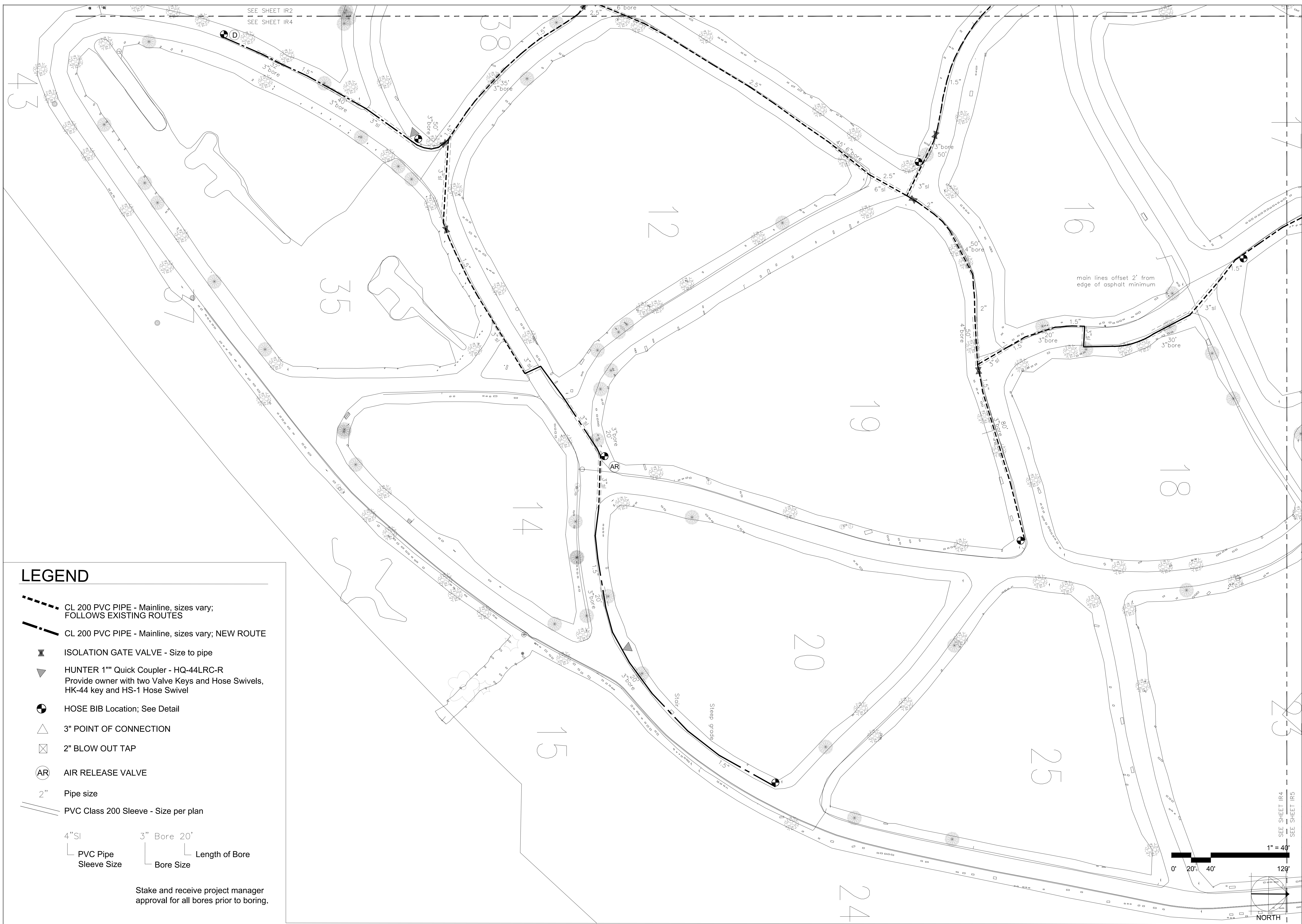
PVC Pipe
Sleeve Size

3" Bore 20'

Bore Size

Length of Bore

Stake and receive project manager
approval for all bores prior to boring.



LEGEND

- CL 200 PVC PIPE - Mainline, sizes vary; FOLLOWS EXISTING ROUTES
- CL 200 PVC PIPE - Mainline, sizes vary; NEW ROUTE
- ISOLATION GATE VALVE - Size to pipe
- HUNTER 1" Quick Coupler - HQ-44LRC-R
Provide owner with two Valve Keys and Hose Swivels, HK-44 key and HS-1 Hose Swivel
- HOSE BIB Location; See Detail
- 3" POINT OF CONNECTION
- 2" BLOW OUT TAP
- AIR RELEASE VALVE
- Pipe size
- PVC Class 200 Sleeve - Size per plan
- 4" SI
PVC Pipe Sleeve Size
- 3" Bore 20'
Bore Size Length of Bore

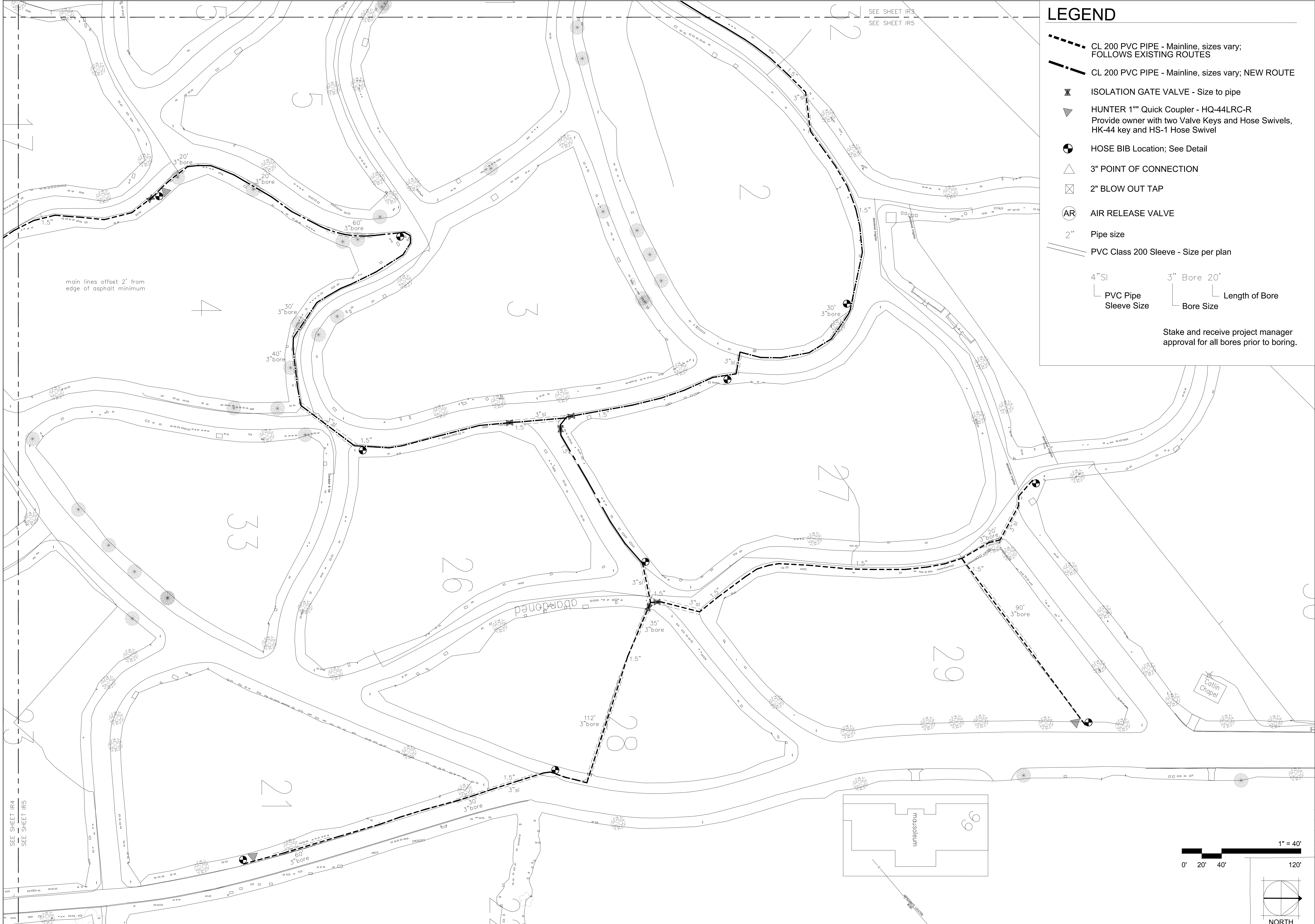
Stake and receive project manager approval for all bores prior to boring.

IRRIGATION PLAN
SE QUADRANT

Forest Hill Cemetery
Madison, Wisconsin

REVISIONS	
DATE	02/03/17
DRAWN:	AMA
CHECKED:	DPF
DOCUMENT NO.	

IR4



LEGEND

- CL 200 PVC PIPE - Mainline, sizes vary; FOLLOWS EXISTING ROUTES
- CL 200 PVC PIPE - Mainline, sizes vary; NEW ROUTE
- ISOLATION GATE VALVE - Size to pipe
- HUNTER 1" Quick Coupler - HQ-44LRC-R
Provide owner with two Valve Keys and Hose Swivels, HK-44 key and HS-1 Hose Swivel
- HOSE BIB Location; See Detail
- 3" POINT OF CONNECTION
- 2" BLOW OUT TAP
- AIR RELEASE VALVE
- 2" Pipe size
- PVC Class 200 Sleeve - Size per plan

4" SI
PVC Pipe Sleeve Size

3" Bore 20'
Bore Size Length of Bore

Stake and receive project manager approval for all bores prior to boring.

IRRIGATION PLAN NE QUADRANT

Forest Hill Cemetery

Madison, Wisconsin

REVISIONS	

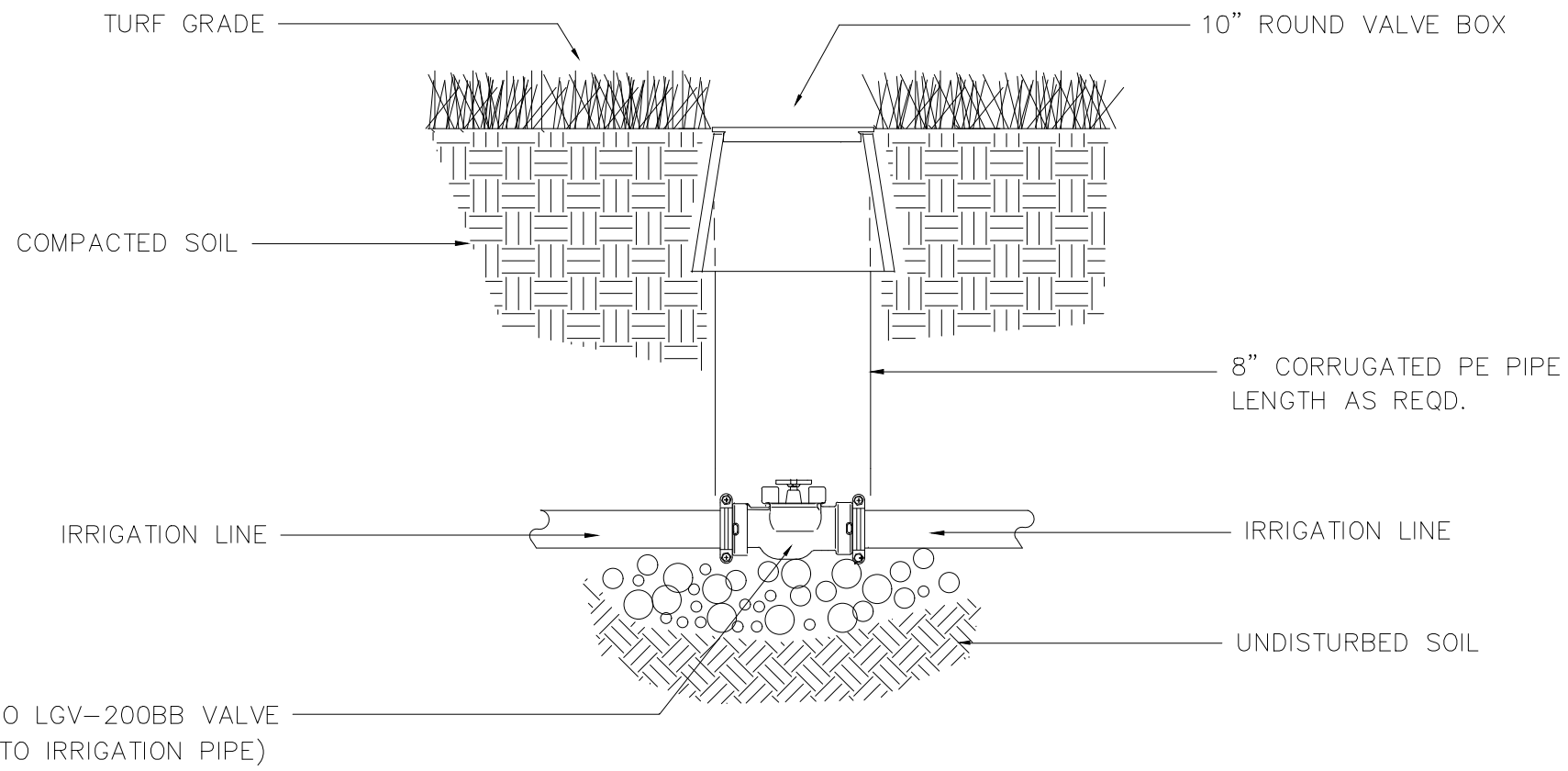
DATE	02/03/17
DRAWN:	AMA
CHECKED:	DPF
DOCUMENT NO.	

1" = 40'

0' 20' 40' 120'

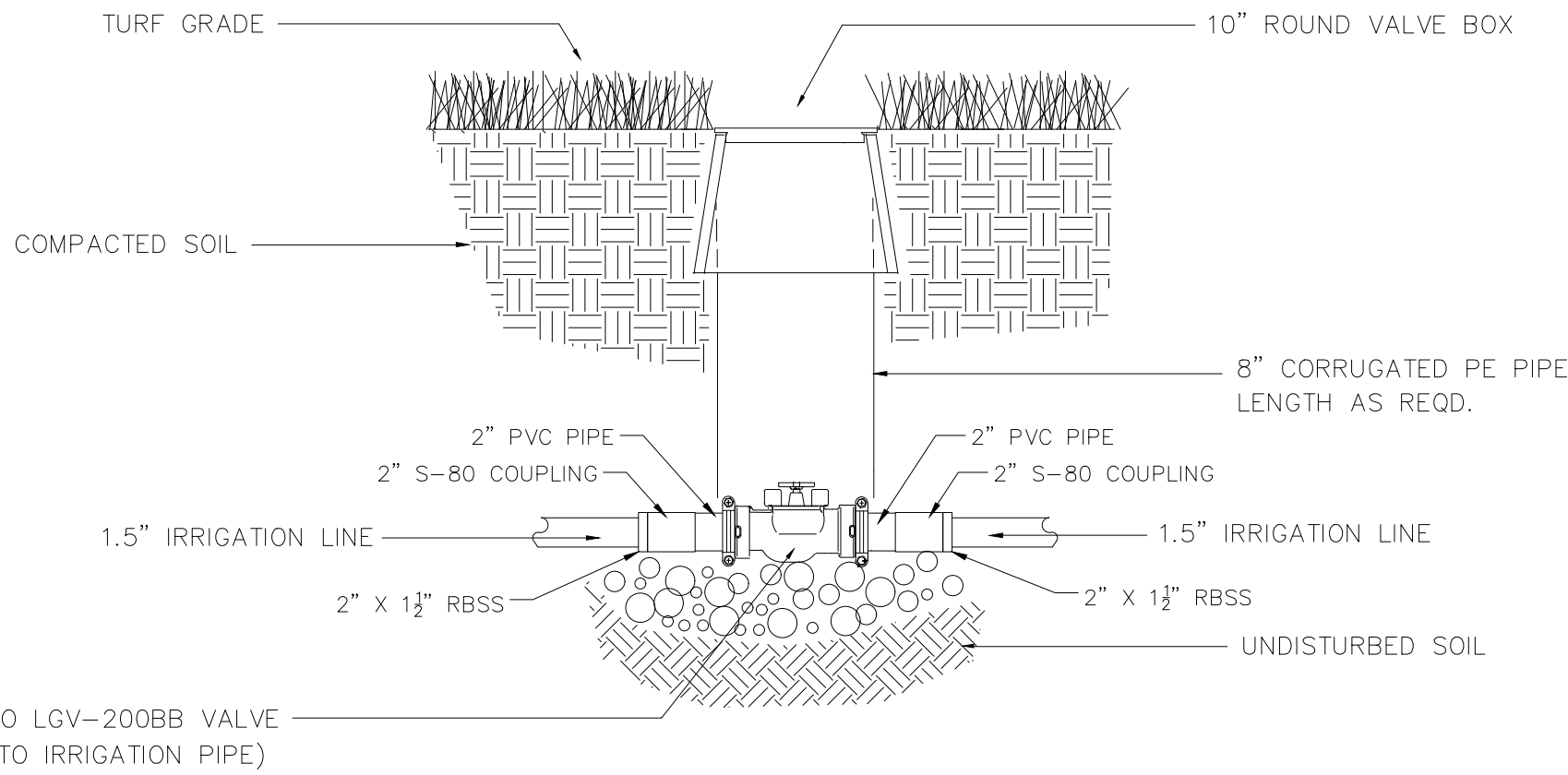
NORTH

IR5



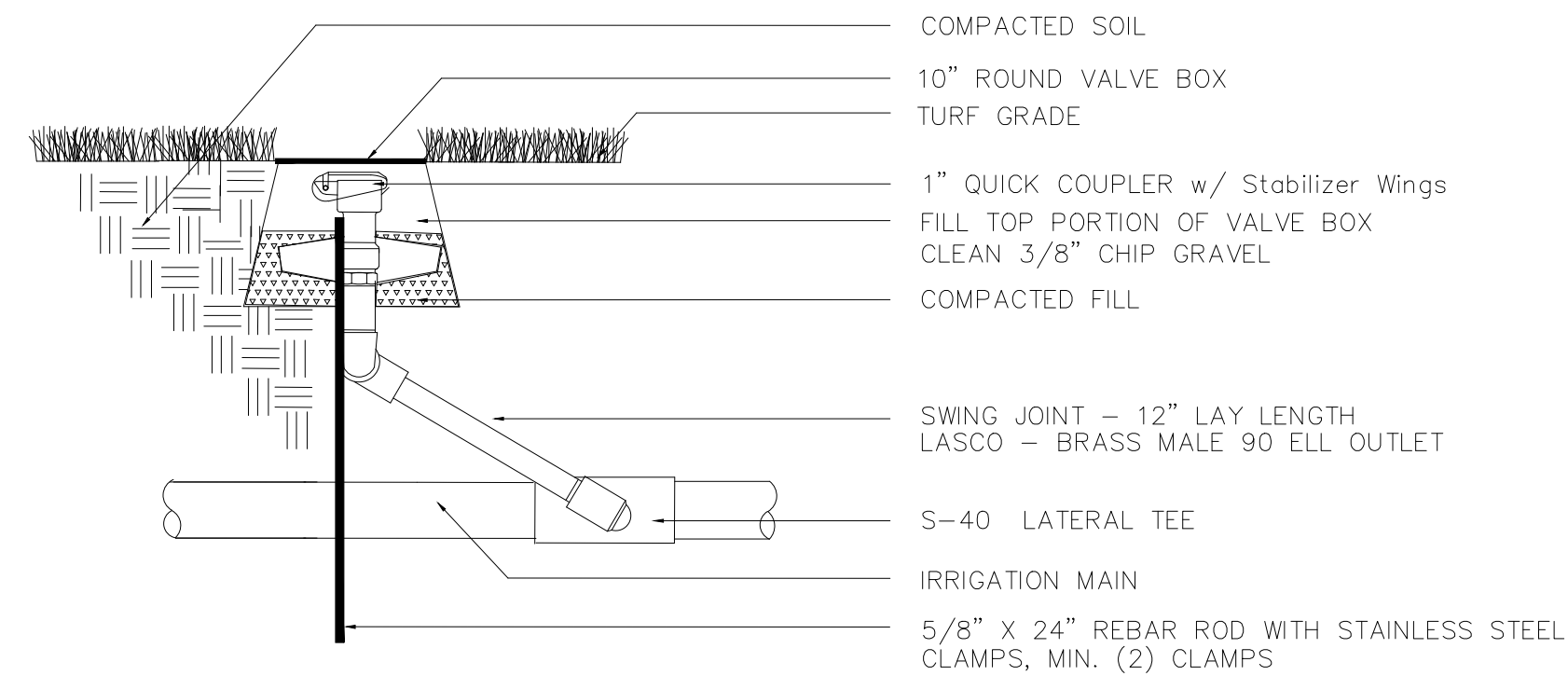
1 ISOLATION VALVE 2" and LARGER

NO SCALE



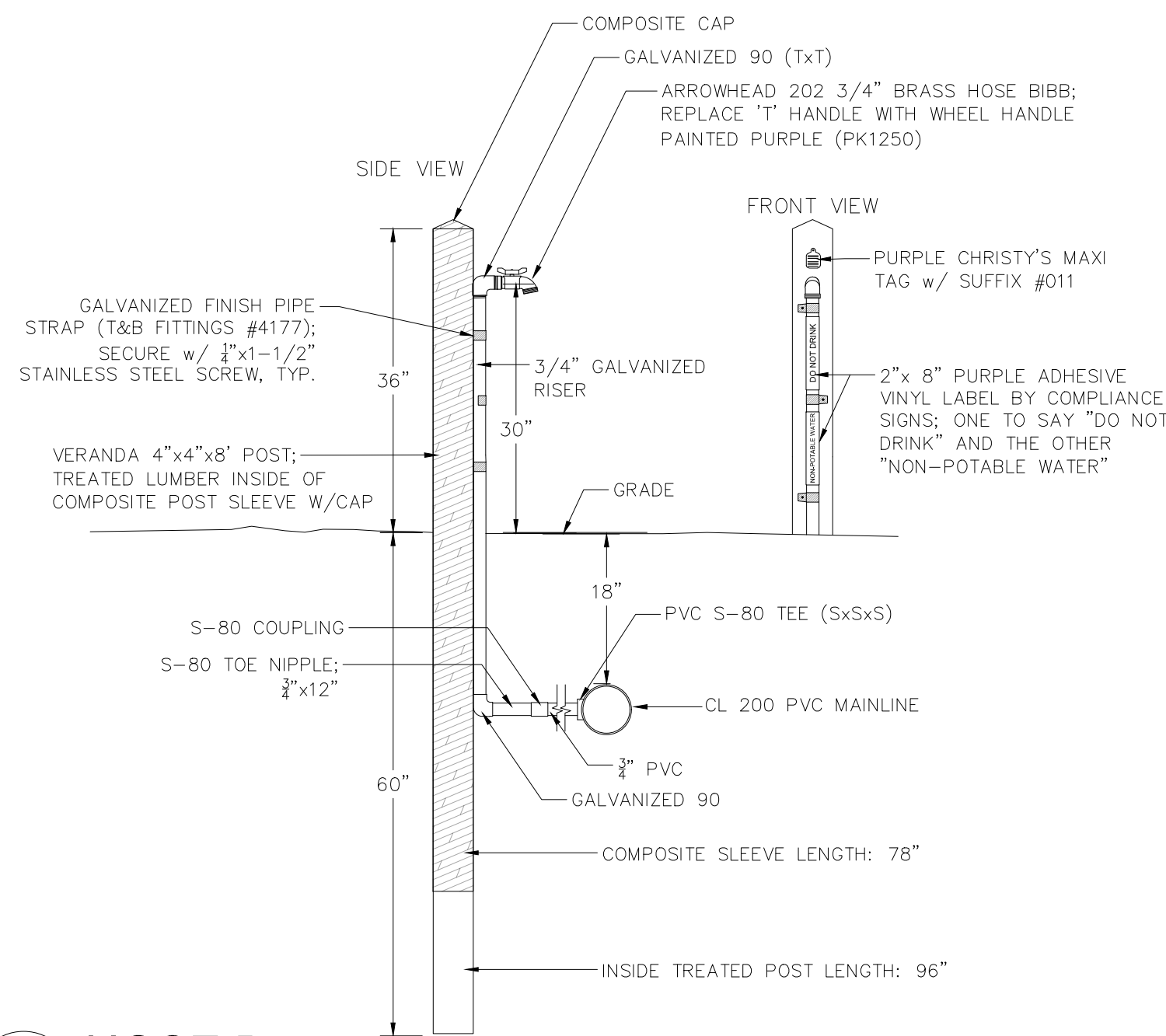
2 2" ISOLATION VALVE w/ 1.5" PIPE

NO SCALE



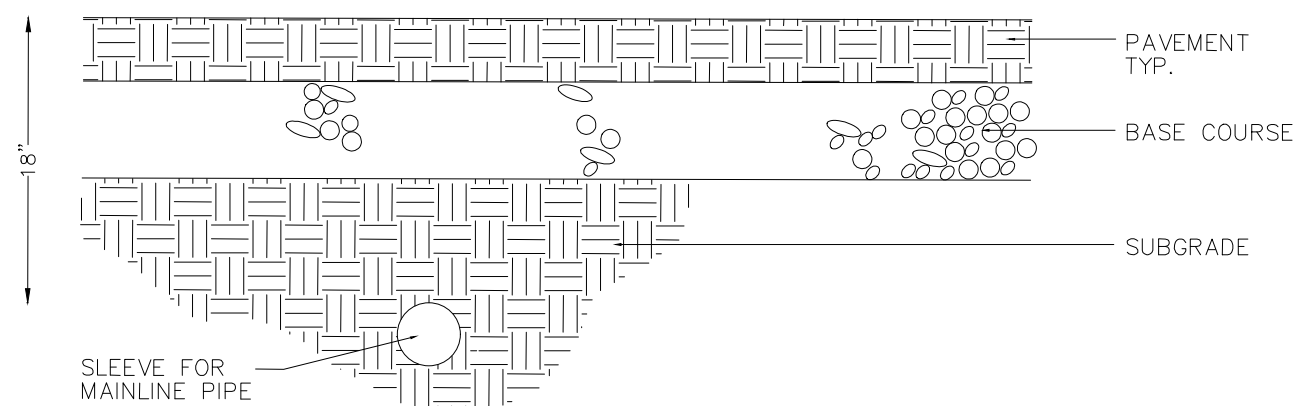
3 QUICK COUPLER VALVE

NO SCALE

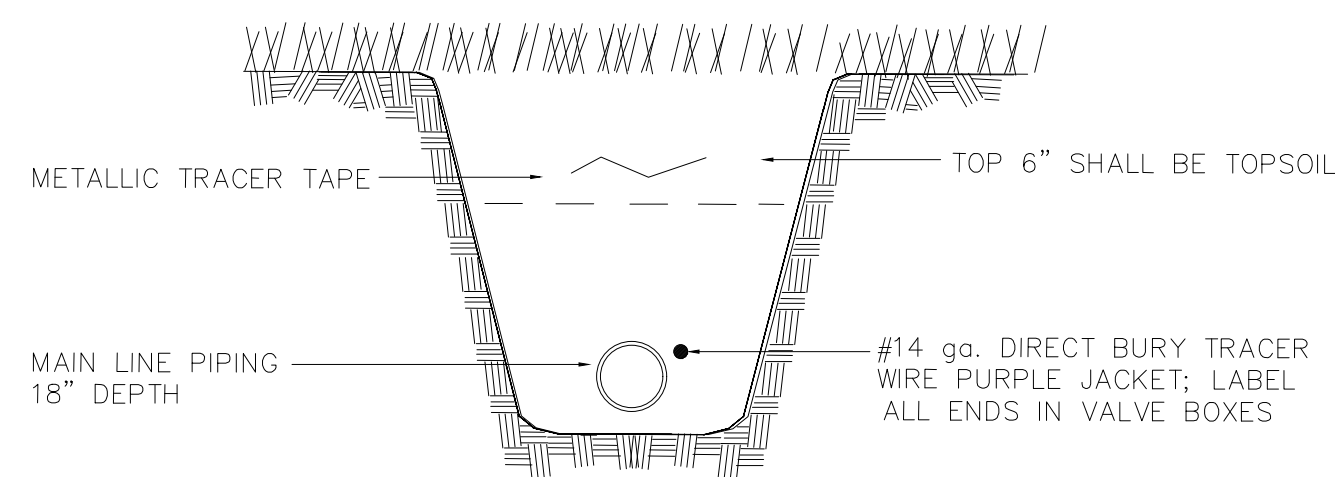
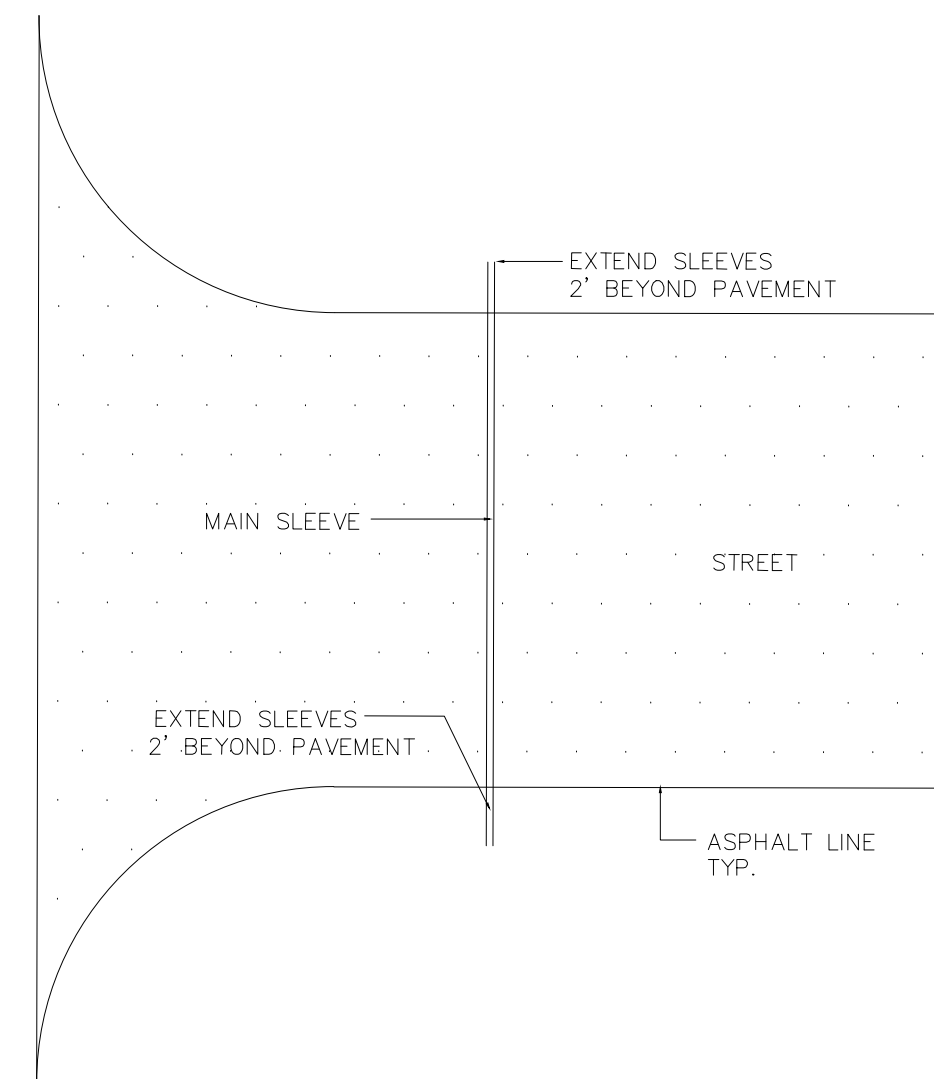


4 HOSE BIBB

NO SCALE

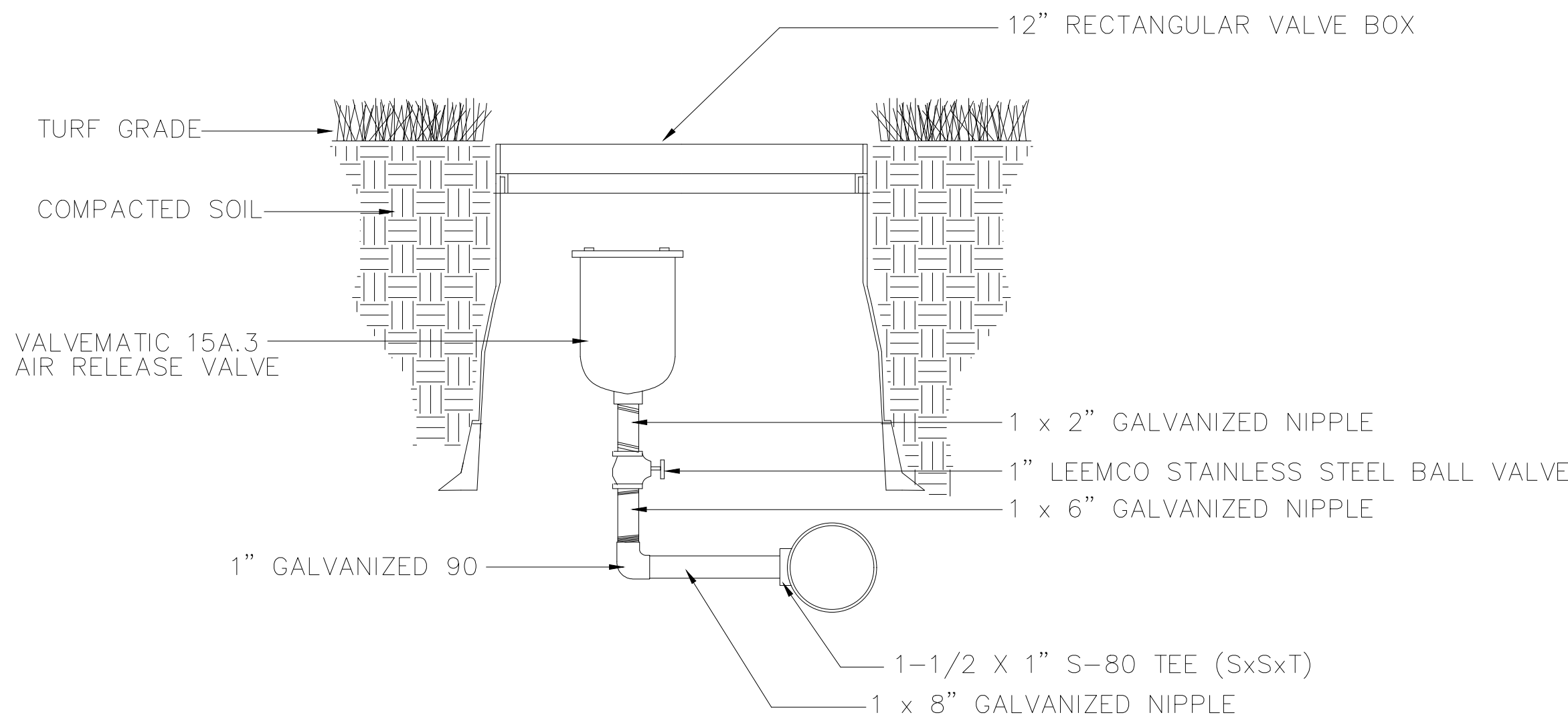


5 SLEEVING



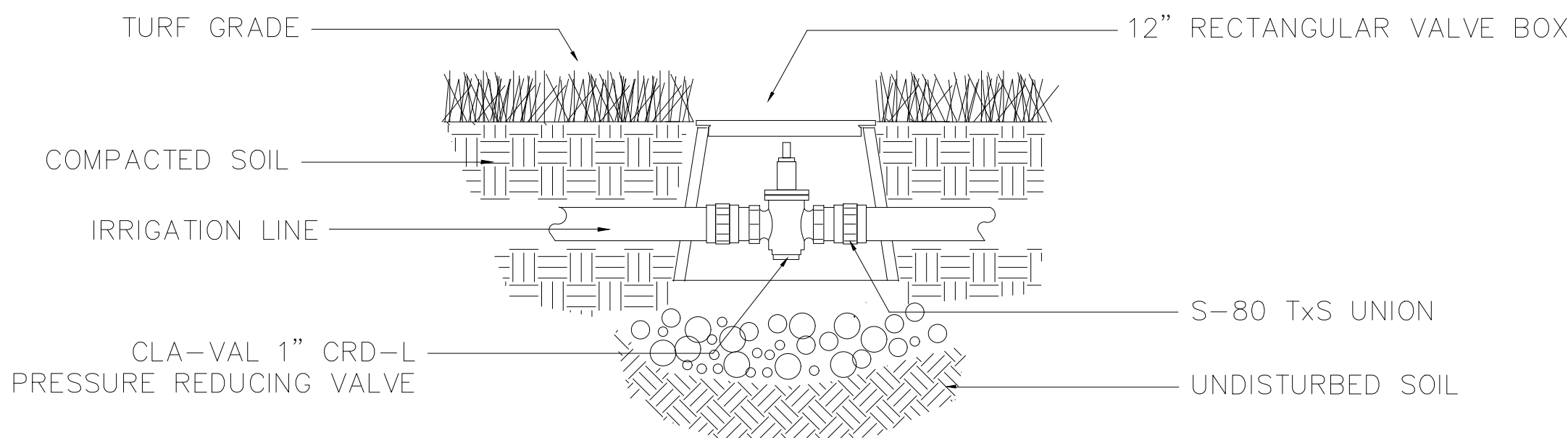
6 MAINLINE PIPE & TRACER TAPE

NO SCALE



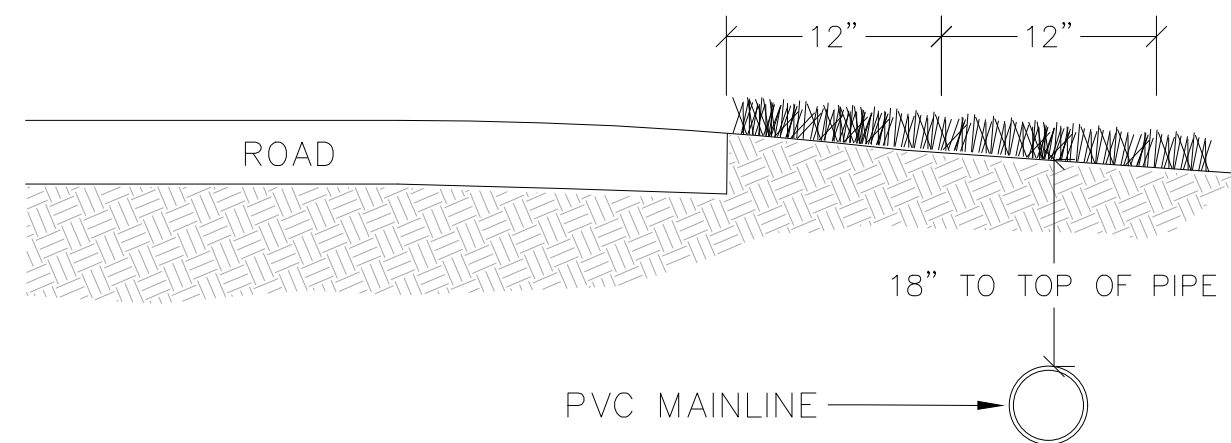
1 AIR RELEASE VALVE

NO SCALE



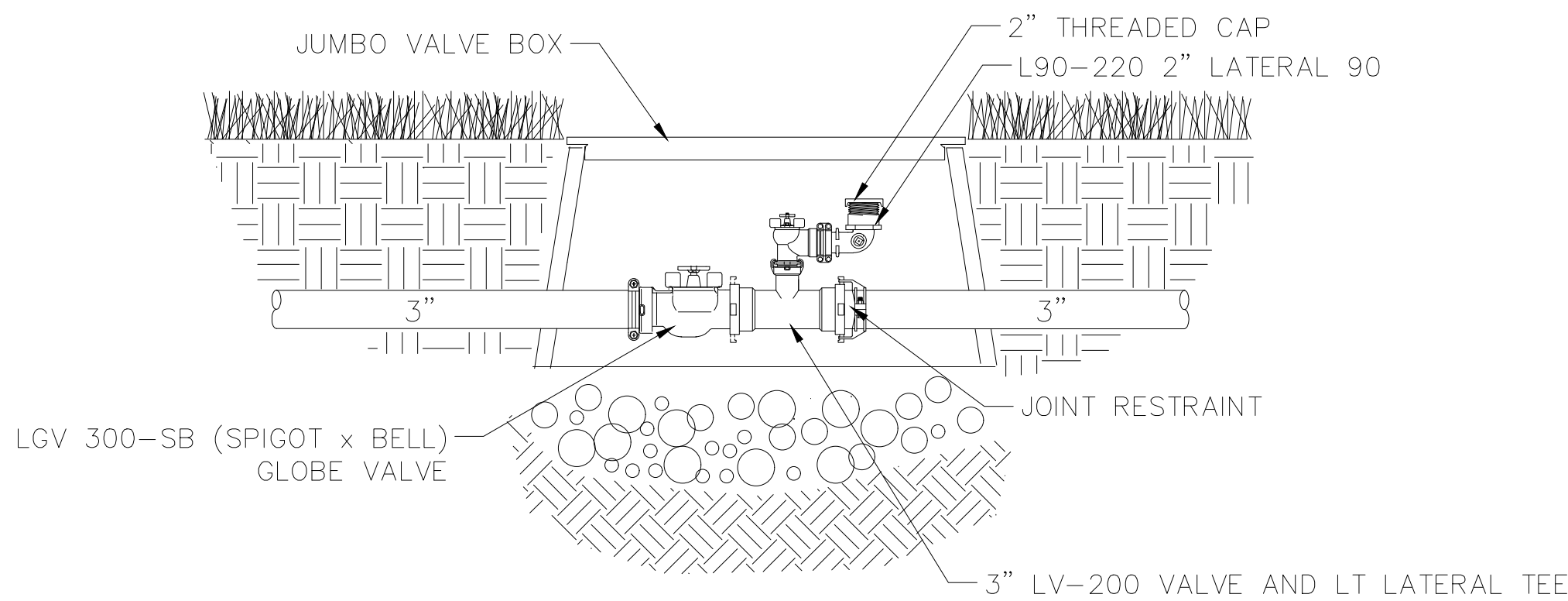
2 PRESSURE REDUCING VALVE

NO SCALE



3 ROAD CROSS-SECTION

NO SCALE



5 BLOW OUT TEE @ P.O.C.

NO SCALE