

GENERAL NOTES:

1.

All project products, material bonds, and reserves shall conform to the City of Crete Infrastructure and Material Specifications, the contractor shall pay all permit fees and other associated fees required to successfully complete the project. Any costs shall be considered as incidental to the project.
2.

The Contractor shall be responsible for securing all permits necessary for working within the public right-of-way and coordination of inspections of work needing approval by City of Crete.
3.

All Elevations are referenced to USGS North American Vertical Datum (NAVD)88.
4.

The contractor shall furnish and maintain all necessary barricades, warning signs, lights, and flagman as per the City of Crete traffic control guidelines for street construction, maintenance, and utility operations and as directed by the Engineer.
5.

Access to the adjacent property must be maintained at all times. The Contractor shall be responsible for coordinating their work with the owner and site improvement contractors.
6.

The existence and location of underground utility pipes and structures shown on these plans were obtained by a search of available records to the best of our knowledge constitutes all known facilities. However, the Contractor is required to take due precautionary measures to protect any existing utilities of structures located at the work site. It is the Contractor's responsibility to contact Nebraska One Call (811) @ 1-800-331-5666 at least 72 hours in advance of any excavation for the mark-out of the location of utilities and notification of commencement of work.
7.

Before excavating for the contract, the Contractor shall field verify location of underground utilities. Contractor shall make exploration excavations and locate existing underground utilities sufficiently ahead of construction to permit revisions to plan if revisions are necessary because of actual location of existing facilities. Contractor shall notify Project Engineer and City Inspector of any discrepancies between existing conditions and the construction plans.
8.

Contractor is required to take precautionary measures to protect the existing utility lines and any other existing improvements located within the project limits. Contractor is responsible for the repairs of any damage caused by their actions to existing conditions.
9.

All spoil material shall be removed from the Street ROW, Utility Easement, or Access Easement by the Contractor. Spoil material shall be deposited within the site development boundary in areas designated by the Developer's Engineer. The material shall be stockpiled or spread as directed by the Developer. No separate payment shall be made for disposal of spoil material; it shall be considered subsidiary to the pride bid.
10.

Contractor shall leave the site clean and smooth graded.
11.

Contractor shall re-seed all disturbed grass areas to match existing grass.
12.

A portable restroom facility shall be provided on-site during construction activities.
13.

On-site fueling must comply with Local, State and Federal requirements.
14.

A concrete truck washout shall be provided by Contractor, following completion of paving project, Contractor shall remove concrete washout and restore surrounding area to original grades.
15.

Construction may require the disturbance of existing drainage and erosion control measures. The contractor shall make himself aware of the existing drainage and erosion control measures prior to bidding this work. A copy of the grading and erosion control plan CSW-202408924 can be found at: <https://ecmp.nebraska.gov/publicaccess/viewer.aspx?&MyQueryID=513>. The function of these items must be maintained throughout construction with emphasis placed on restoring their integrity prior to any rainfall event. Erosion control improvements have been constructed on this site, including terraces, silt fence, diversion dikes, and temporary sediment basins. The contractor shall be responsible for prompt reconstruction of any erosion control improvements disturbed by his operations. All disturbed erosion control improvements shall be fully reconstructed at the end of each working day prior to leaving the site.
16.

Installation, maintenance and removal of erosion control BMP's shall be performed in accordance with the Nebraska Department of Environment and Energy requirements. Contractor is required to maintain erosion control BMP's during sequence of construction. Following completion of utility construction activities, Contractor must inspect erosion control BMP's and repair or replace all BMP's to original working condition.
17.

Prior to moving off the job the Contractor shall notify the Developer and request a Final Walk-Through of the construction site.
18.

Pavement removals and replacement shall extend to the limits of existing joints.
19.

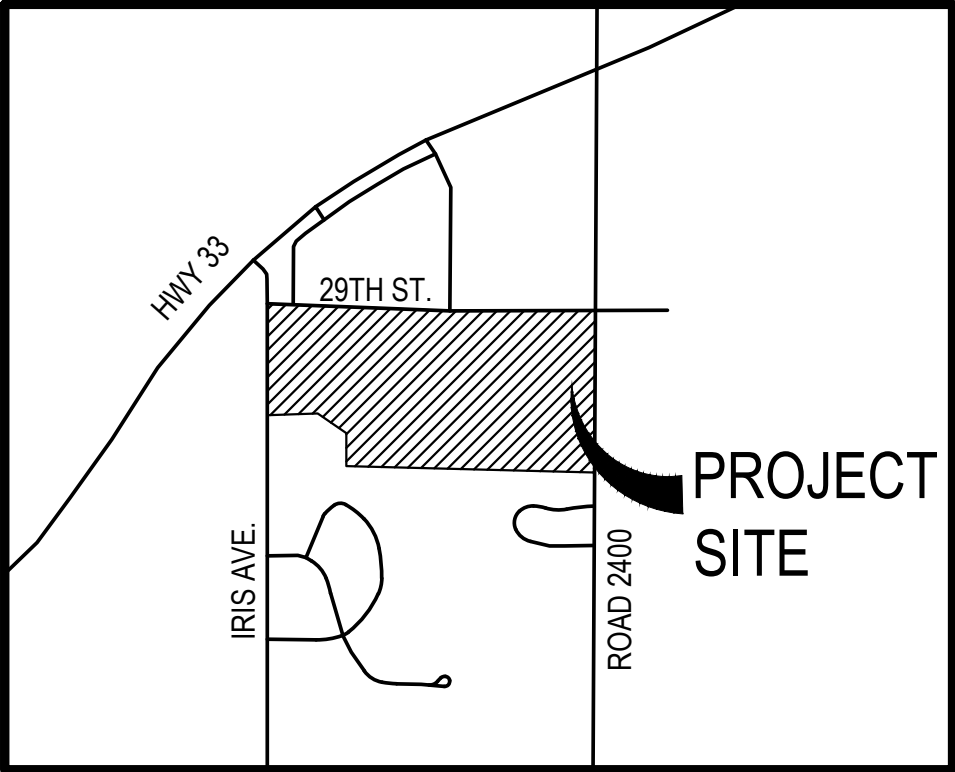
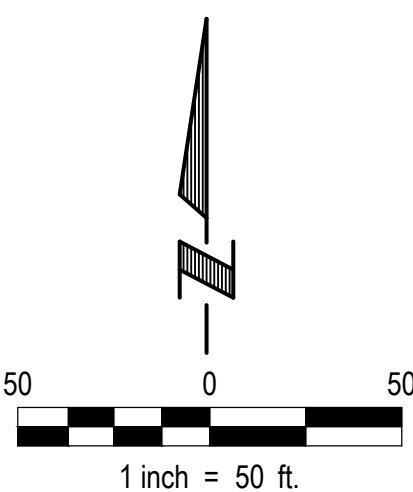
Pavement replacement shall be completed in accordance with City of Crete Infrastructure and Material Specifications. Replacement pavement thickness shall match existing. If actual thickness is different from plans, Contractor shall contact Engineer.

LEGEND

---	Property Line
- - -	Interior Property Line
- - - -	Easement
---	Road Centerline
---	Adjacent Property Line
---	UGW Exist. Buried Water Main
---	UGC Exist. Buried Communication Line
---	UGE Exist. Buried Power Line
---	G Exist. Buried Gas Line
X	Existing Fence

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ADDITION

PAVING & STORM SEWER PLAN
29TH STREET & IRIS AVENUE
CRETE, NEBRASKA

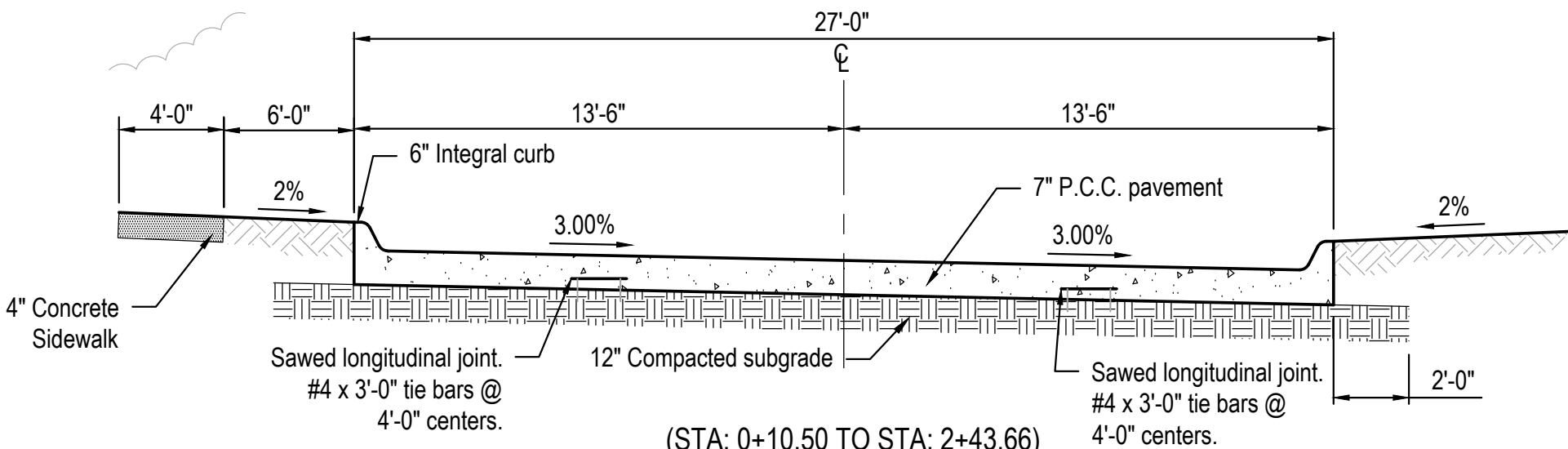
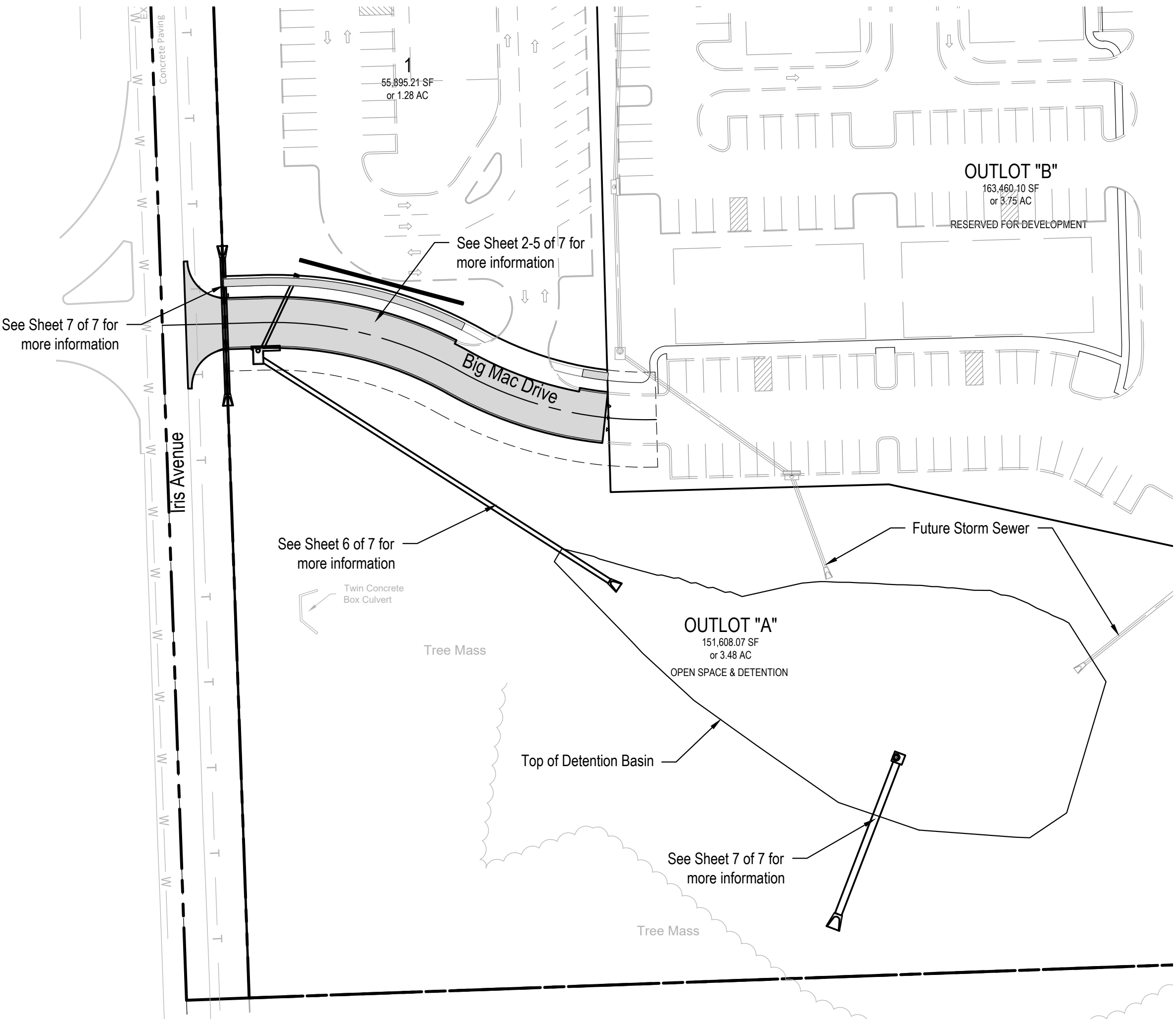


VICINITY MAP

PRIVATE PAVING APPROXIMATE QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITY
1	7" PCC PAVEMENT W/INTEGRAL CURB	SY	701
2	DETENTION POND CONCRETE OUTLET STRUCTURE	EA	1
3	36" RCP FLARED END SECTION	EA	1
4	36" RCP CULVERT PIPE	LF	88
5	24" RCP FLARED END SECTION	EA	3
6	24" RCP CULVERT PIPE	LF	72
7	8' NDOT CURB INLET	EA	1
8	24" RCP PIPE	LF	220
9	15" RCP PIPE	LF	53
10	4" PCC SIDEWALK	SF	572
11	15" STORM SEWER PLUG	EA	1
12	END OF ROAD MARKER SIGN	EA	3
13	STOP SIGN	EA	1
14	CONCRETE HEADER	LF	27

INDEX OF SHEETS

SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2	PAVING PLAN & PROFILE
3	PAVING PLAN
4	PAVING SPOT ELEVATIONS
5	PAVING DETAILS
6	STORM PLAN & PROFILE - 1
7	STORM PLAN & PROFILE - 2



(STA: 0+10.50 TO STA: 2+43.66)

27' DRIVE - TYPICAL SECTION
NOT TO SCALE

BENCHMARK:

BENCHMARK #1:	NW Section Corner Found Mag Nail
ELEV:	1410.6900
BENCHMARK #2:	Storm Manhole on NE Corner of Property; South Side of 29th Street
ELEV:	1444.4800

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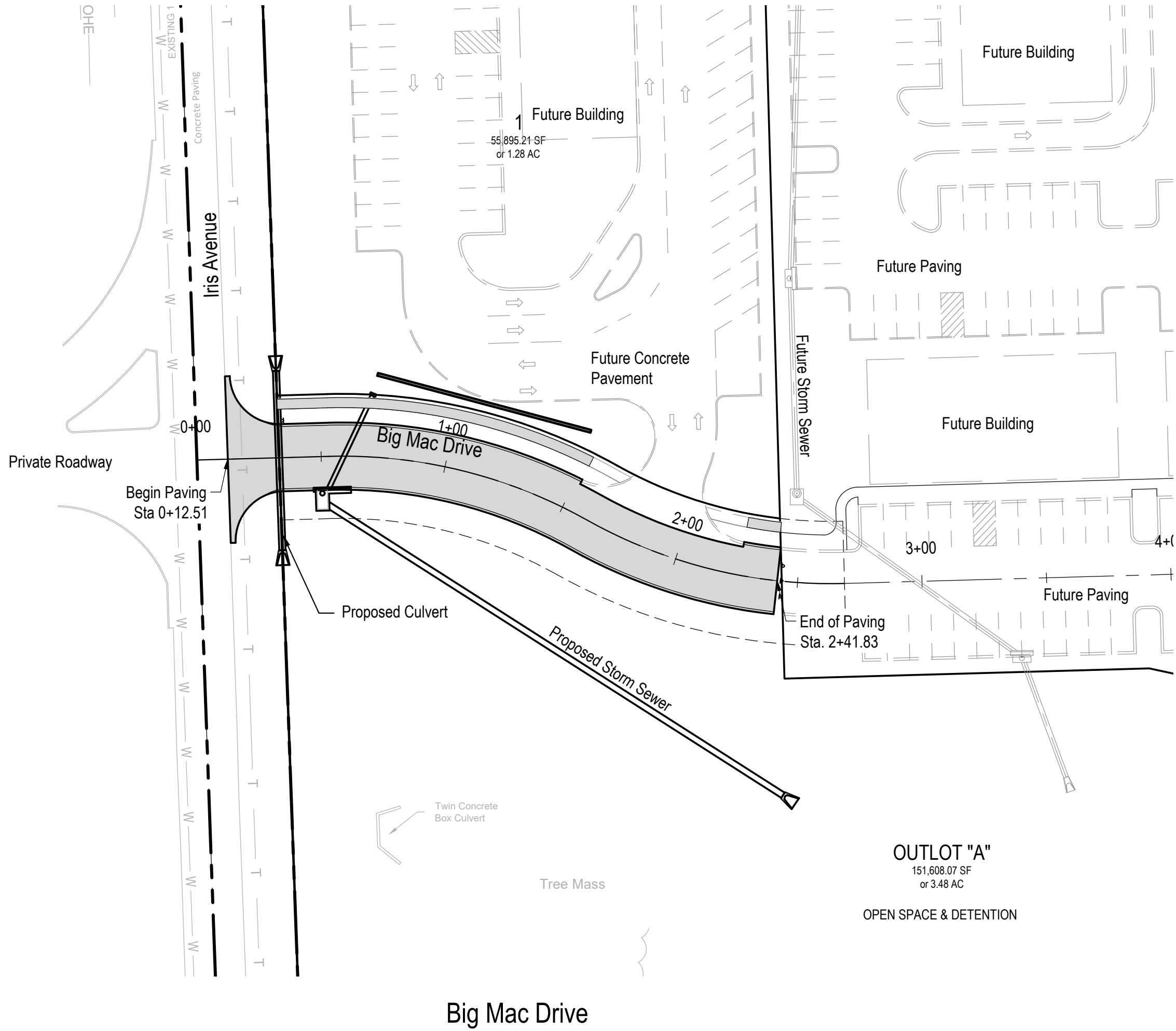
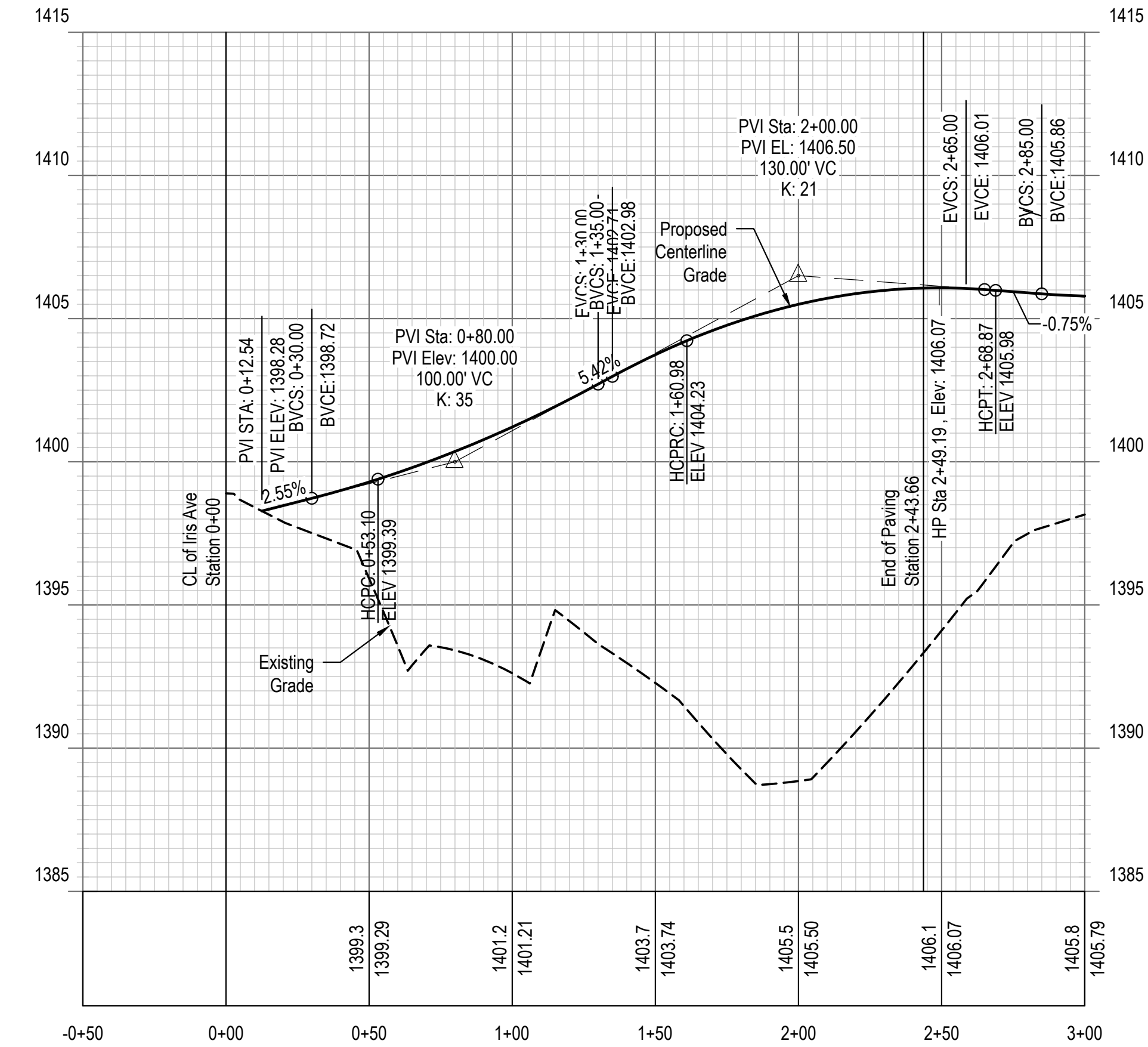
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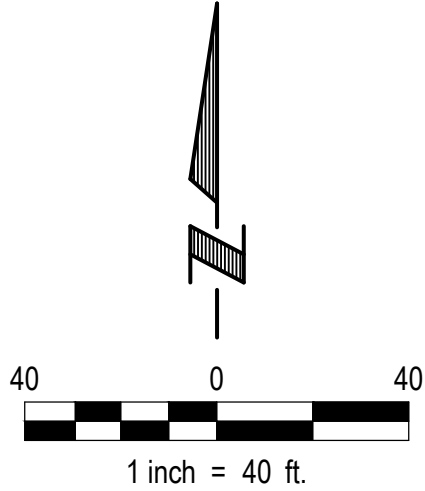


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LEGEND

- Property Line
- Adjacent Property Line
- Easement
- 7" PCC Pavement



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PAVING & STORM

CRETE, NEBRASKA

PAVING PLAN & PROFILE

PRELIMINARY

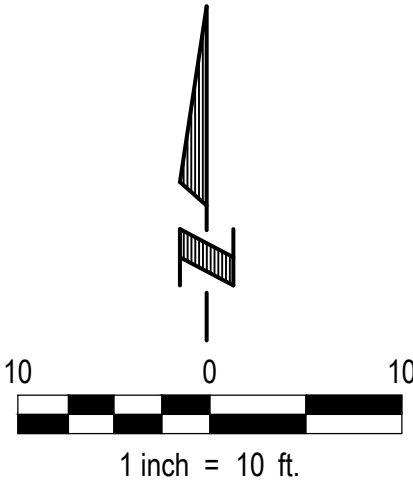
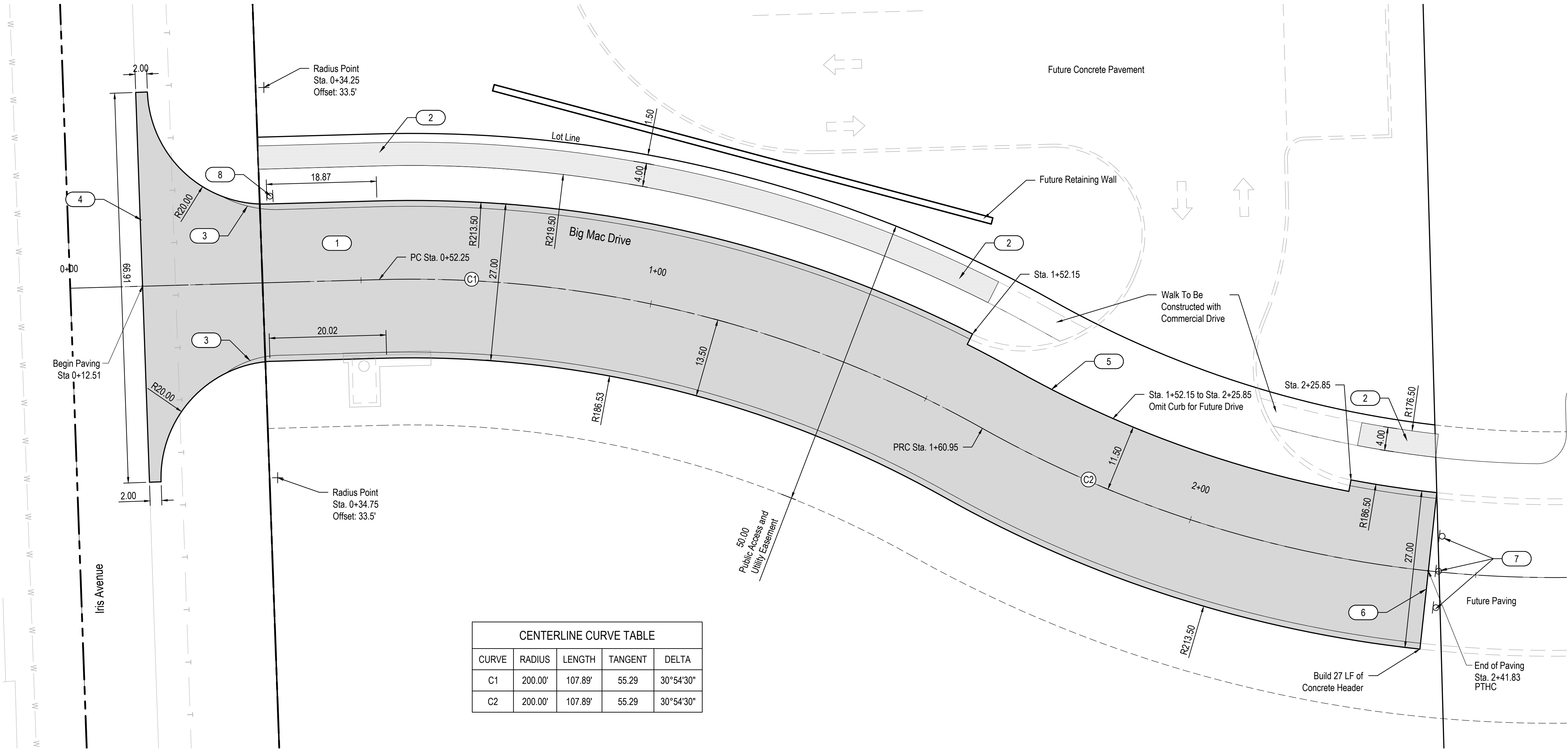
NOT FOR CONSTRUCTION

Proj No:	2022.289.001	Revisions	
Date:	08/12/2024	Date	
Designed By:	RPO	Drawn By:	BLE
Scale:	AS SHOWN	Sheet:	2 of 7

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ELEV: 1410.6900
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ELEV: 1444.4800

#	PAVING BUILD NOTES
1	7" Concrete Pavement with Integral Curb
2	4" Concrete Sidewalk
3	8' Curb Taper
4	Match Existing, Install Tie Bars at 4'
5	O.C. Omit Curb For Drive
6	Construct Concrete Header
7	Install End of Road Marker
8	Install Stop Sign

LEGEND

--- Property Line

--- Adjacent Property Line

--- Easement

7" PCC Pavement

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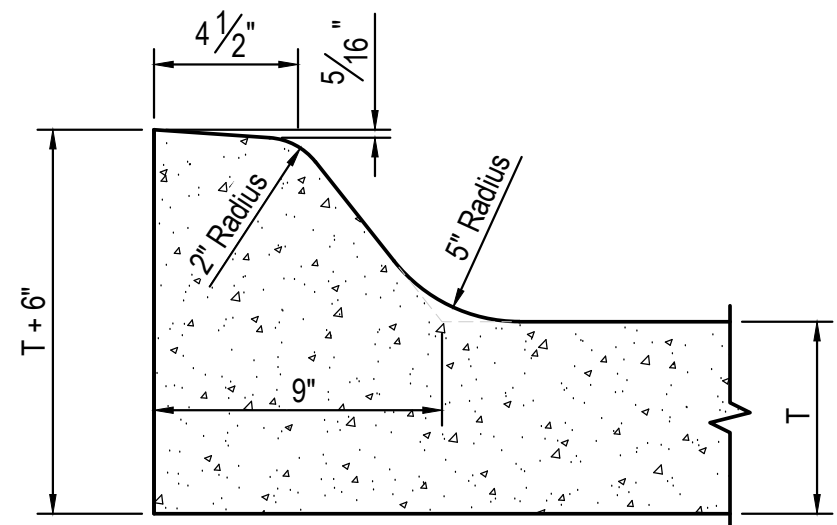
PAVING PLAN

PRELIMINARY
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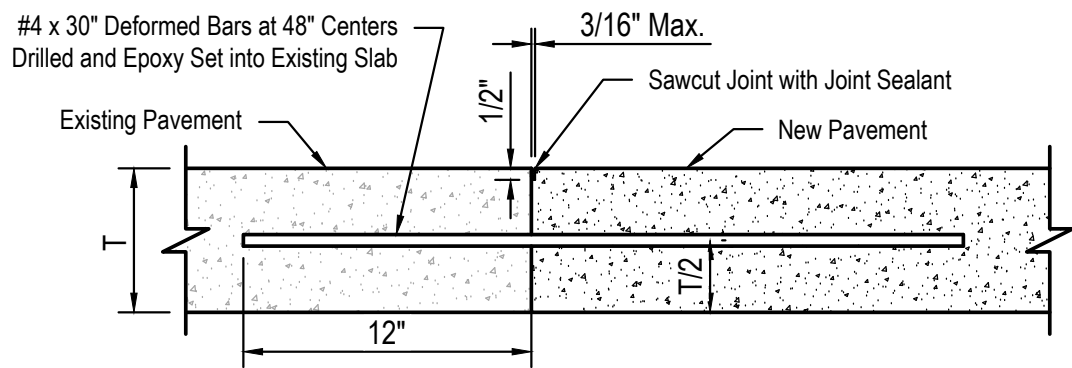
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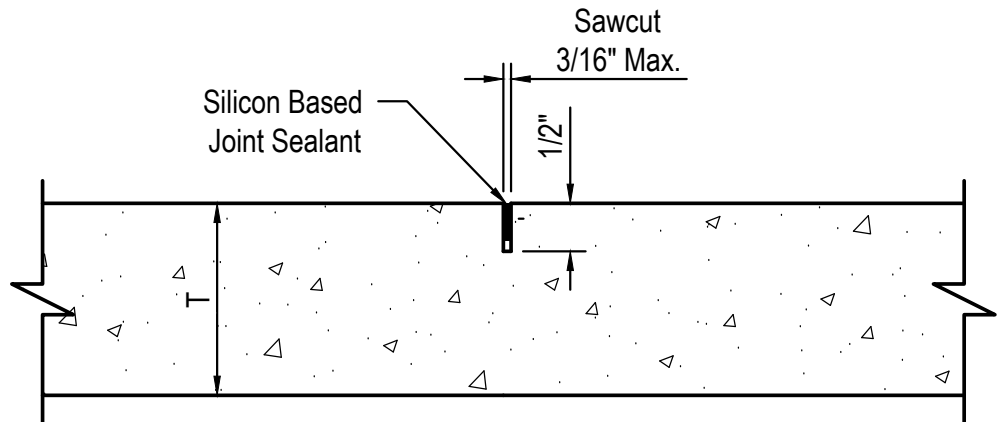
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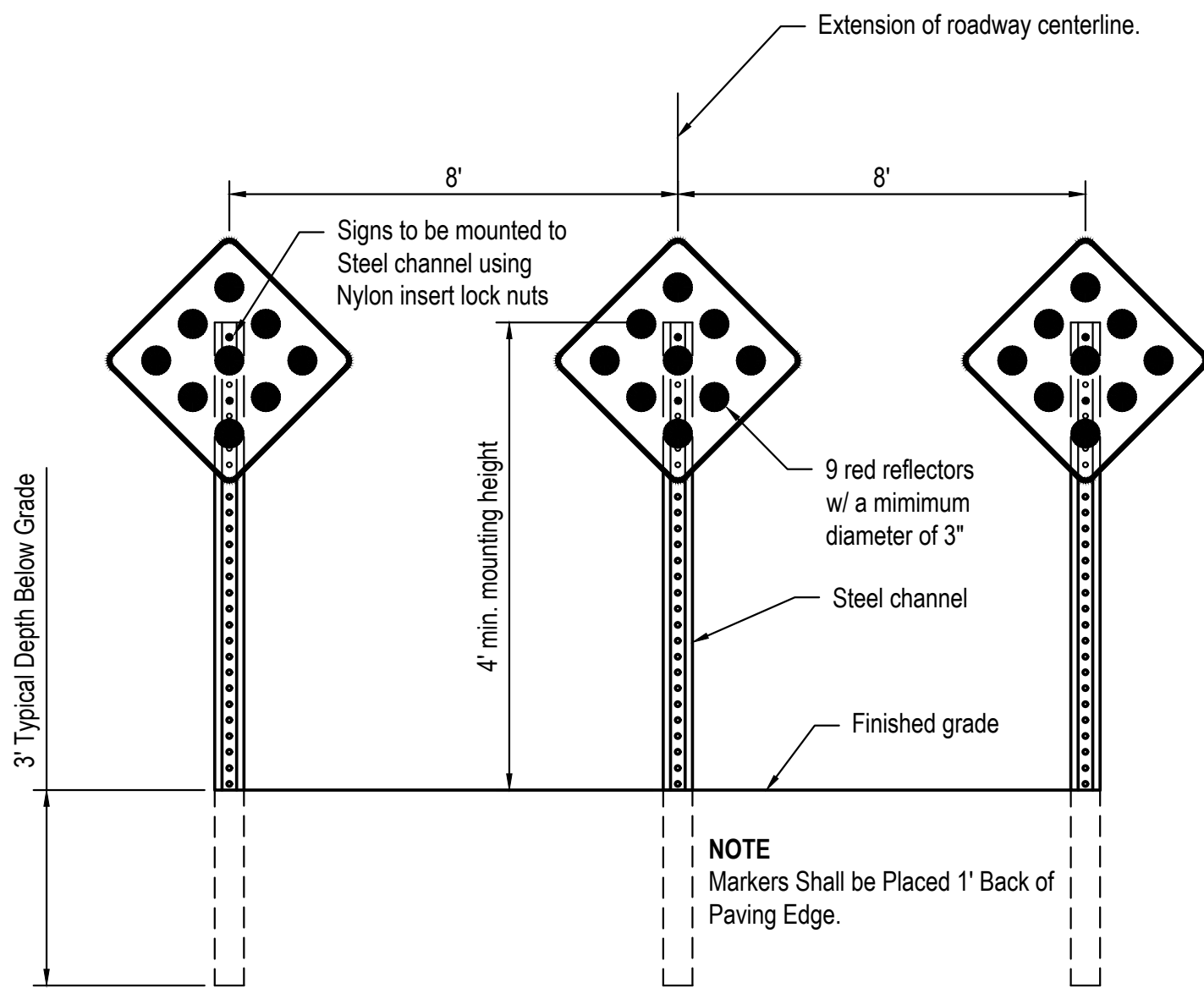
6" INTEGRAL CURB DETAIL
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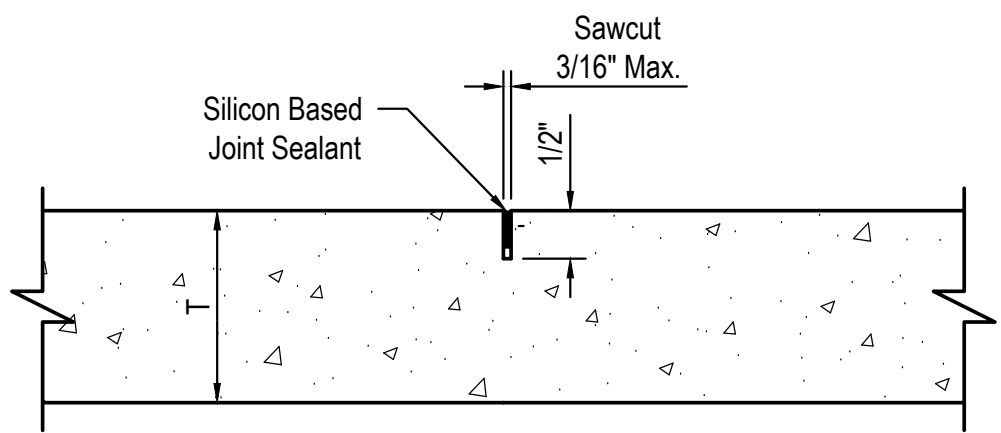
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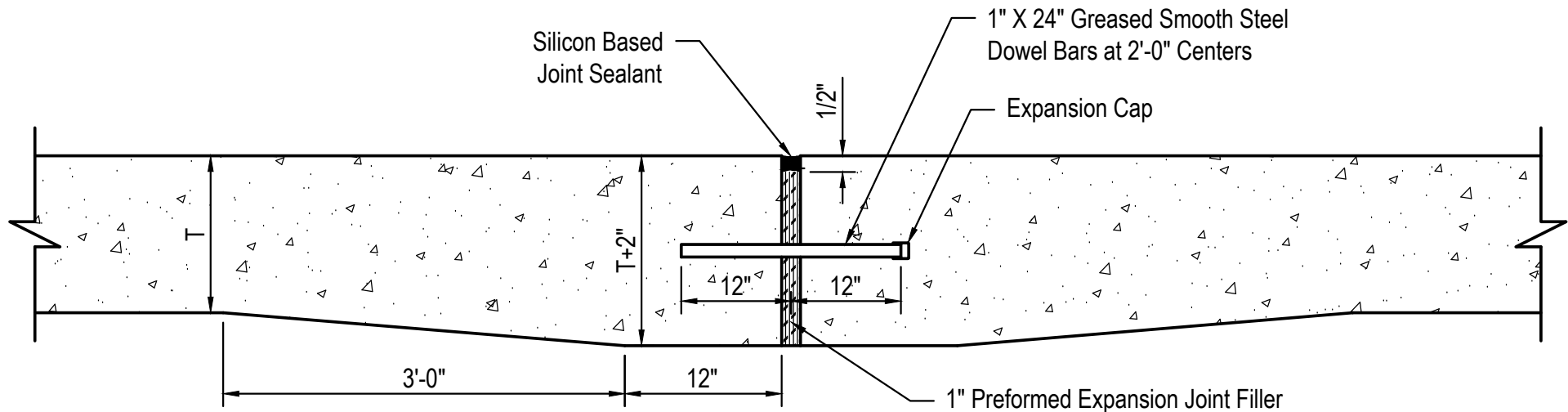
SAWED CONTRACTION JOINT
NOT TO SCALE



END OF ROAD MARKER
NOT TO SCALE



SAWED CONTRACTION JOINT
NOT TO SCALE



EXPANSION JOINT
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PAVING DETAILS

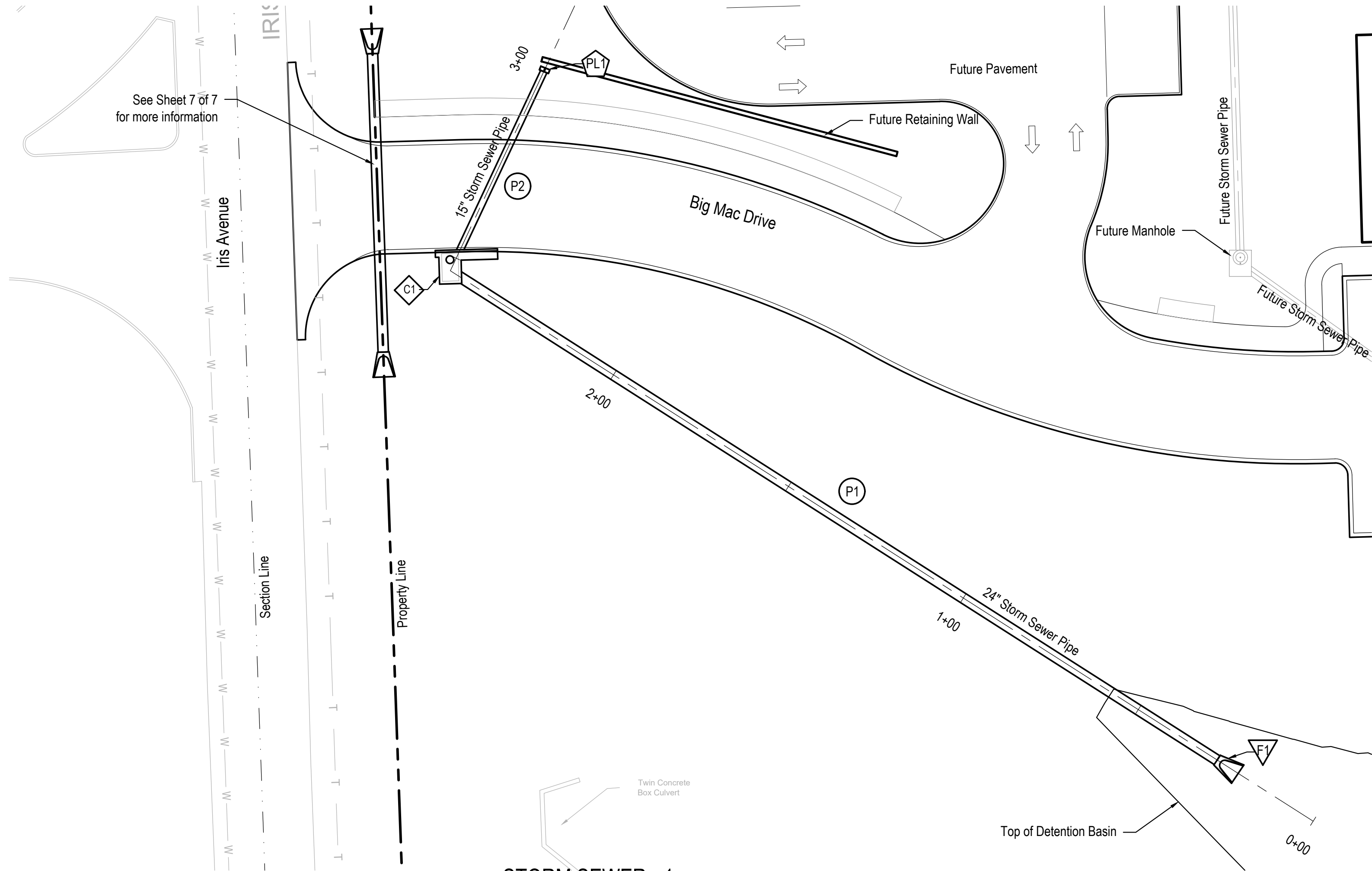
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CRETE, NEBRASKA



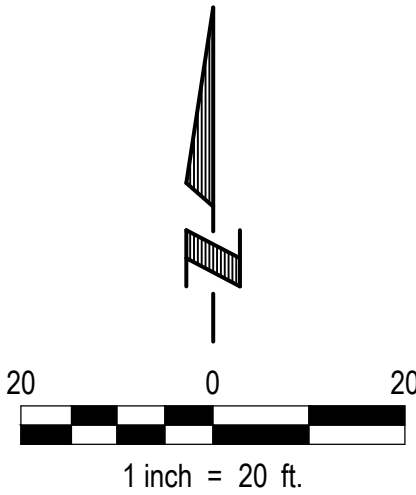
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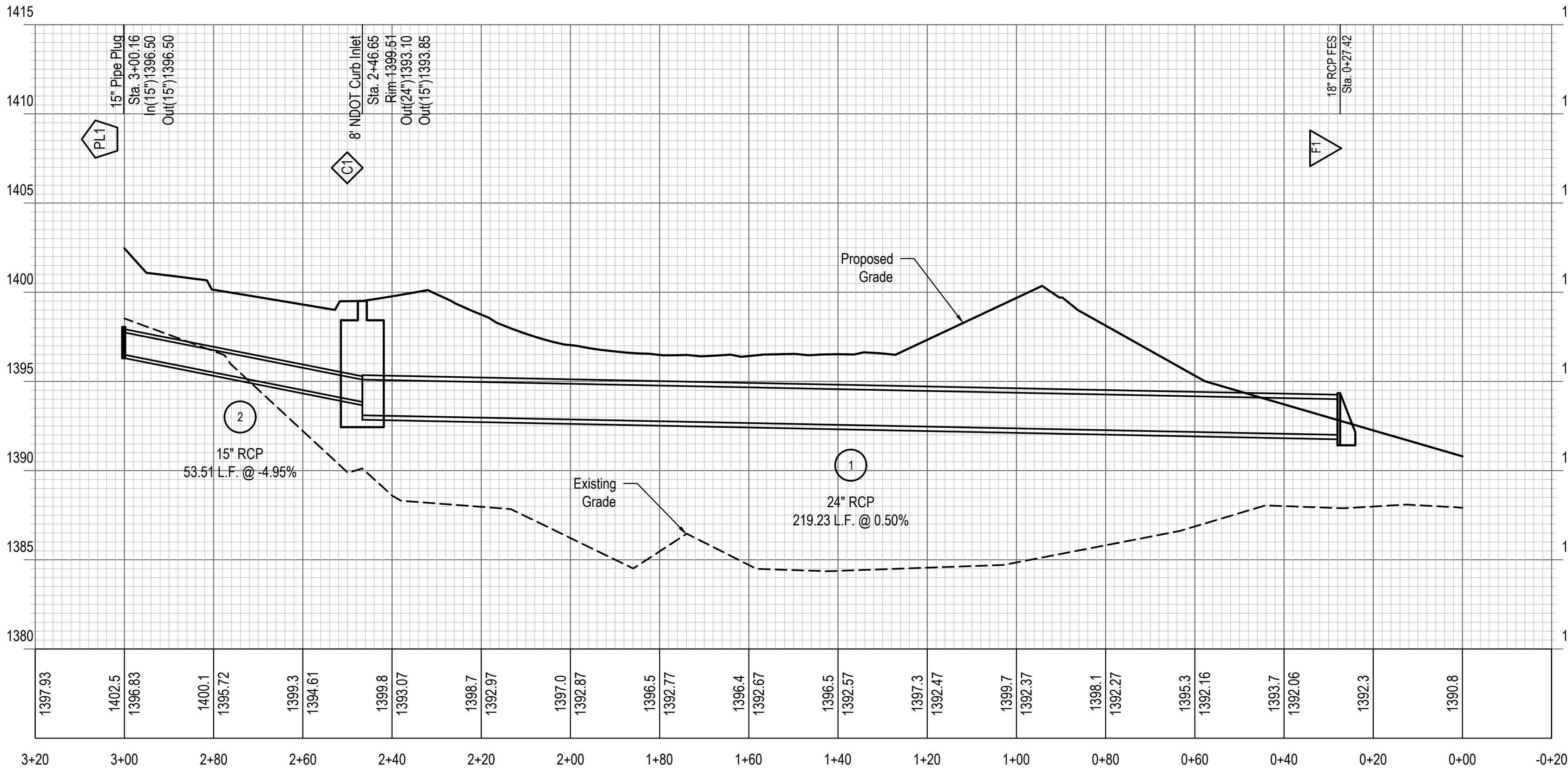
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BENCHMARK:	
BENCHMARK #1:	NW Section Corner Found Mag Nail
ELEV:	1410.6900
BENCHMARK #2:	Storm Manhole on NE Corner of Property; South Side of 29th Street
ELEV:	1444.4800



Scale: Horiz. 1"=50'
Vert. 1"=10'



CONSTRUCT NDOT CURB INLET				
ID	Storm Sta.	Type	Details	Coordinates
C1	2+46.65	8" NDOT Curb Inlet	RIM = 1399.51 INV OUT = 1393.10 (24") INV OUT = 1393.85 (15")	N: 12324.4229 E: 9966.6391

CONSTRUCT STORM SEWER DRAIN PIPE					
ID	Start Structure	End Structure	Dia.	Length	Slope
1	C1	F1	24"	219.23	0.50%
2	C1	PL1	15"	53.51	-4.95%

CONSTRUCT FLARED END SECTION				
ID	Storm Sta.	Size	Details	Coordinates
F1	0+27.42	24" RCP FES	INV IN = 1392.00 (24")	N: 12206.4338 E: 10151.4083

INSTALL STORM SEWER PLUG			
ID	Sanitary Sta.	Coordinates	Flowline
PL1	3+00.16	N: 12372.87 E: 9989.3618	FL = 1396.50 (15") INV = 1396.50 (15")

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CRETE, NEBRASKA

STORM PLAN & PROFILE - 1

PRELIMINARY

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Proj No: 2022.289.001

Date: 08/12/2024

Designed By: RPO

Drawn By: B/L

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Sheet: 6 of 7

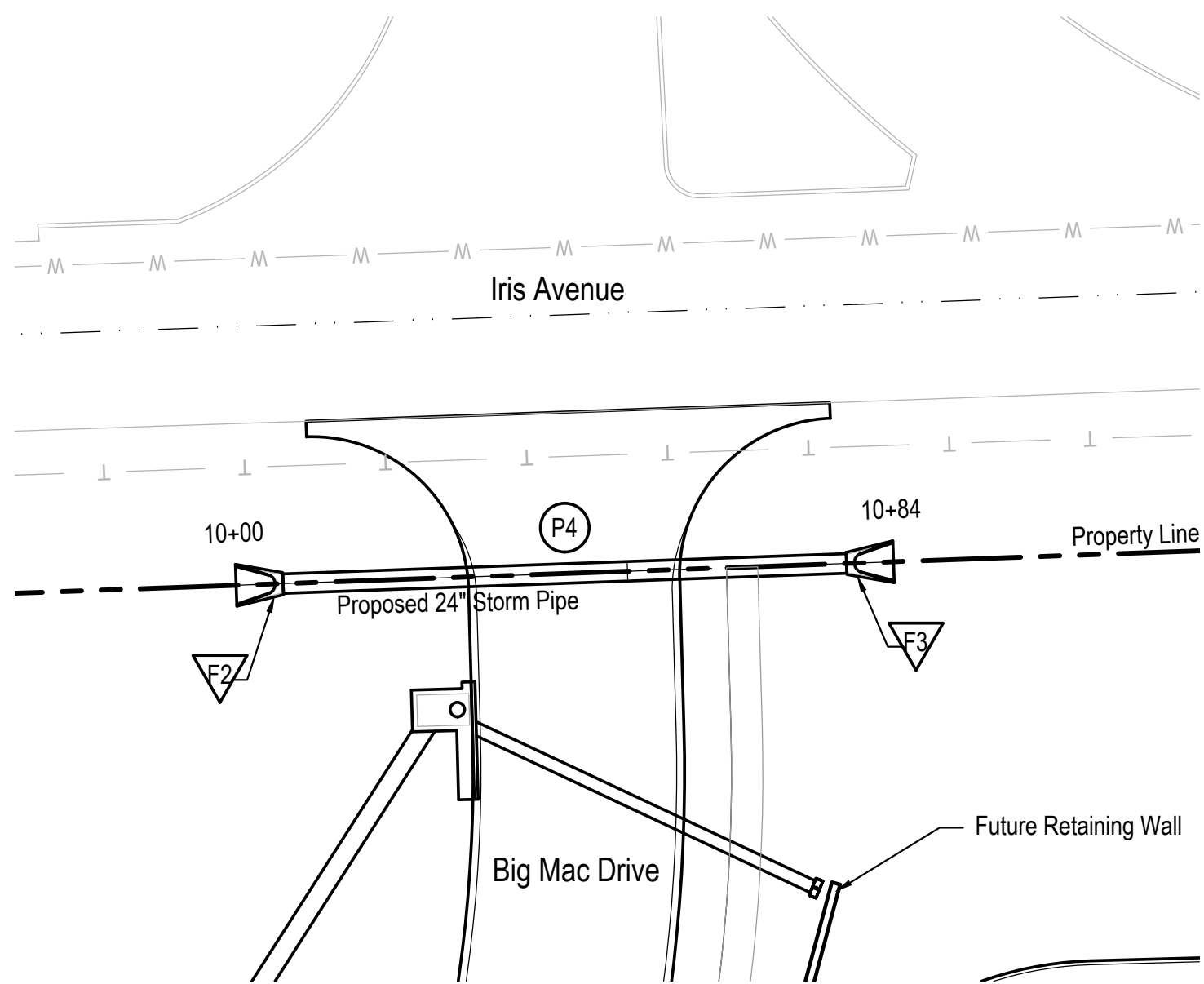
Revisions

Date	Description

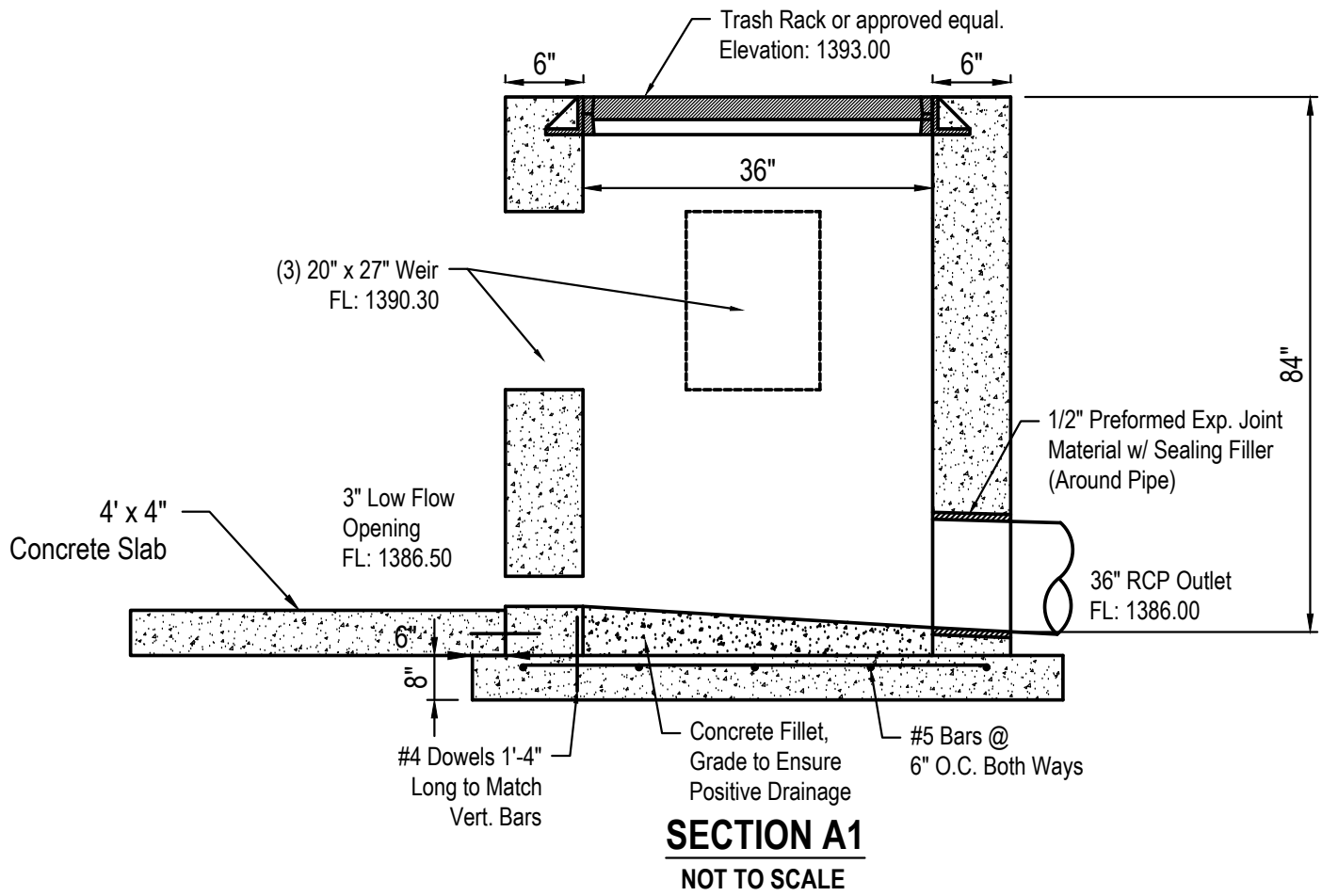
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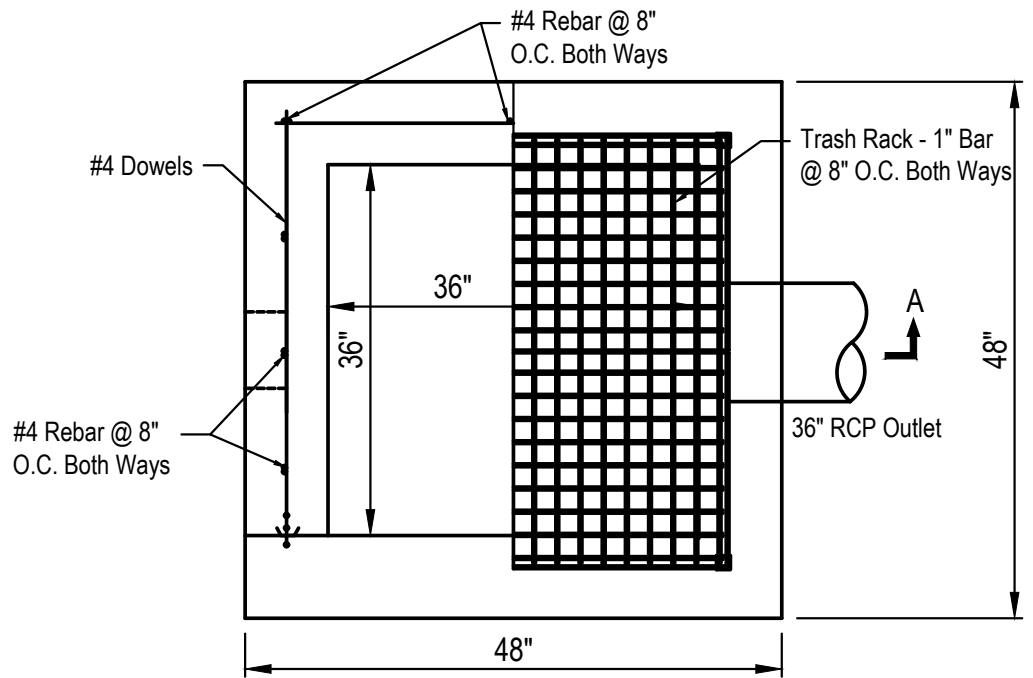
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STORM CULVERT - 1

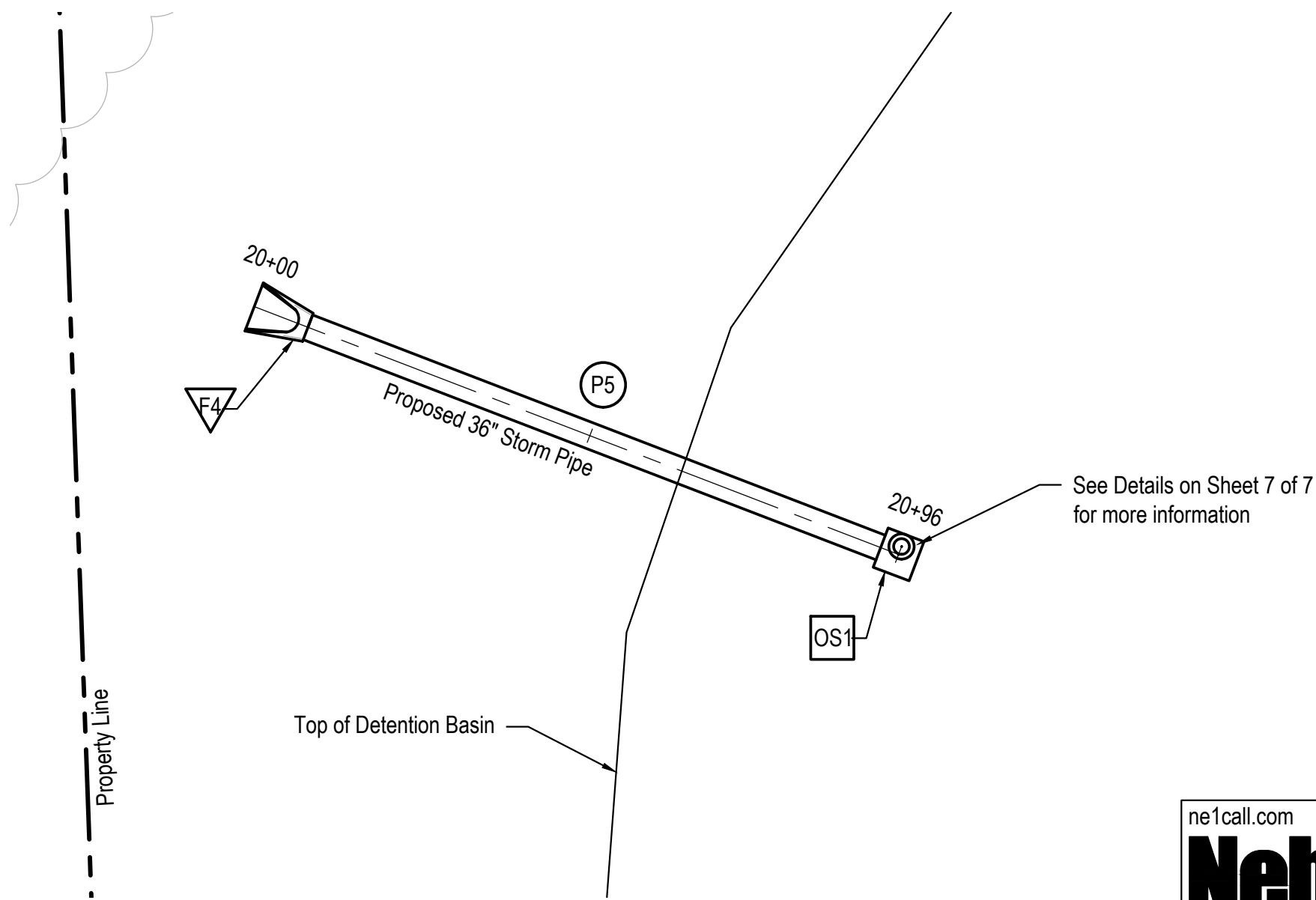
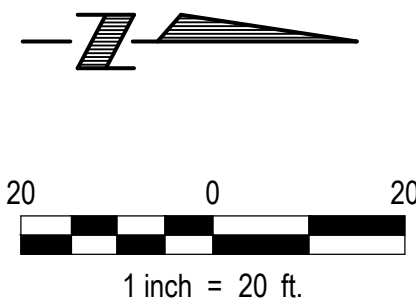


SECTION A1
NOT TO SCALE



DETENTION POND A1
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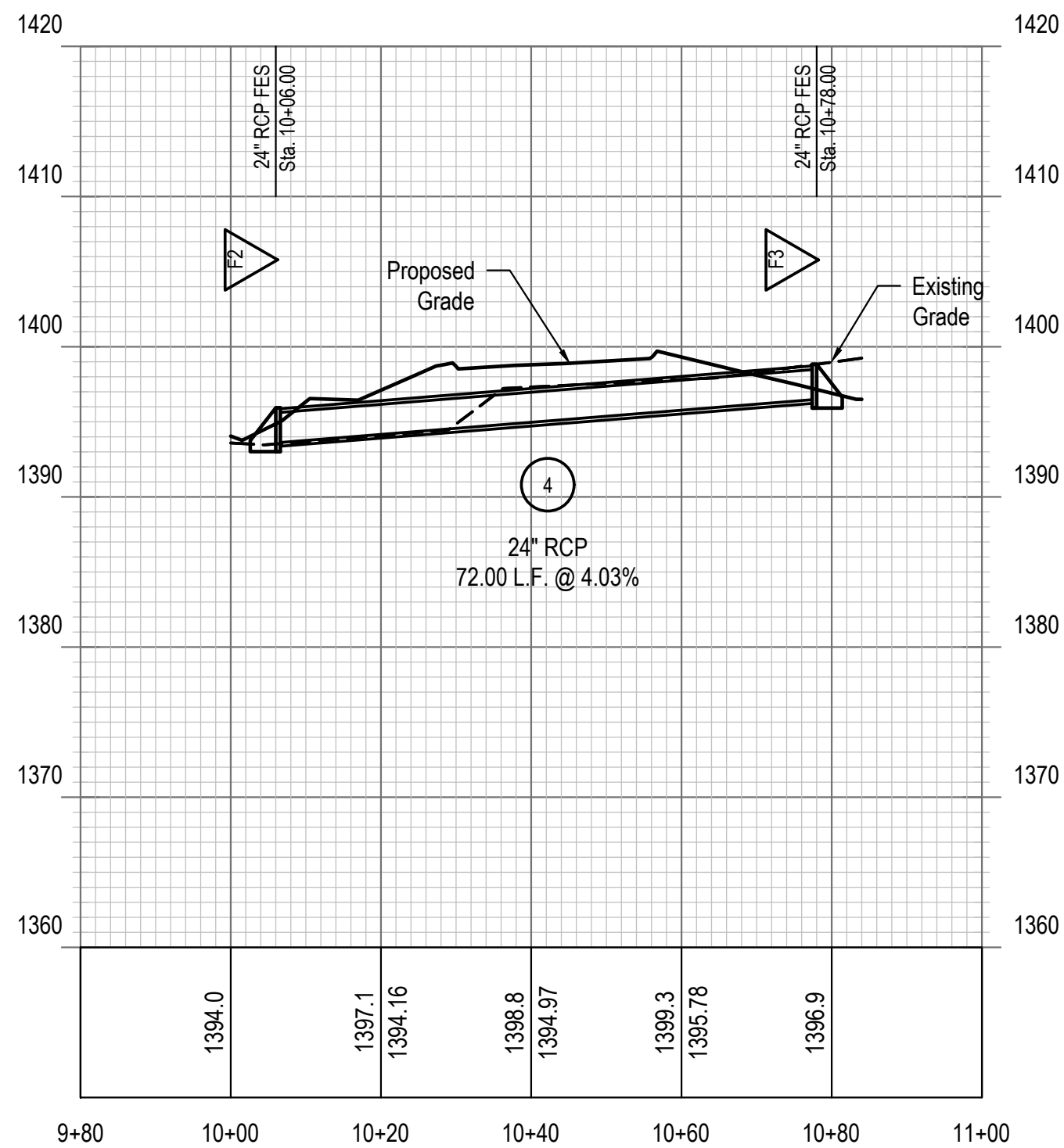
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STORM CULVERT - 2



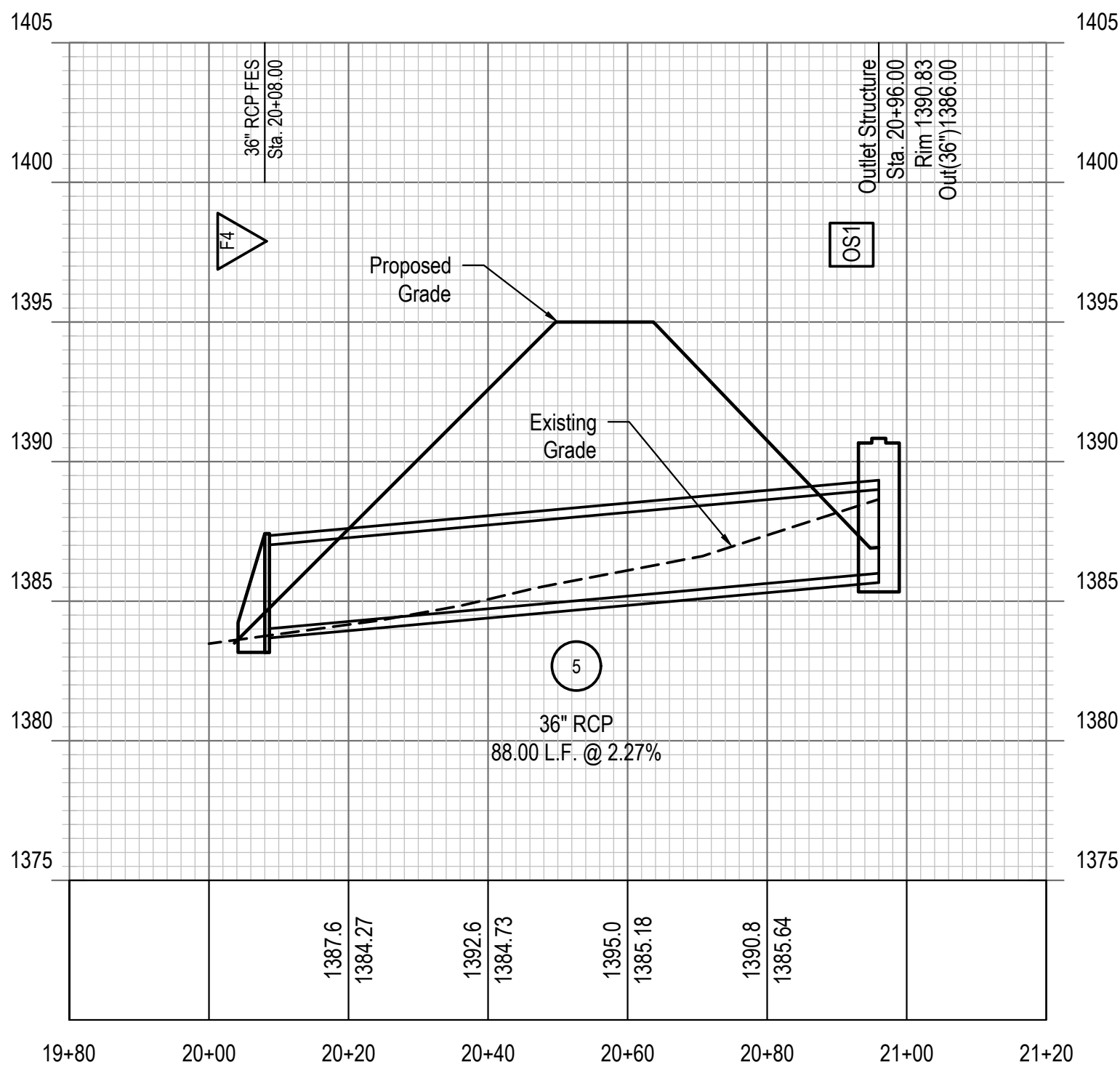
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Vert. 1"=10'



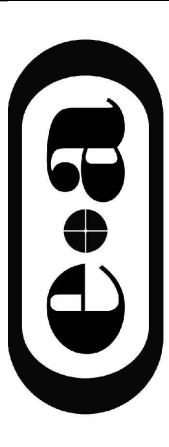
CONSTRUCT FLARED END SECTION				
ID	Storm Sta.	Size	Details	Coordinates
F2	10+06.00	24" RCP FES	INV IN = 1393.60 (24")	N: 12304.8235 E: 9950.4760
F3	10+78.00	24" RCP FES	INV OUT = 1396.50 (24")	N: 12376.7767 E: 9947.8984
F4	20+08.00	36" RCP FES	INV IN = 1384.00 (36")	N: 12031.2096 E: 10271.7887

CONSTRUCT STORM SEWER STRUCTURE				
ID	Description (Type)	Details	Northing	Easting
OS1	Detention Pond Outlet Structure	RIM = 1390.83 INV OUT = 1386.00 (36")	12113.3408	10303.3869

CONSTRUCT STORM SEWER PIPE					
ID	Start Structure	End Structure	Dia.	Length	Slope
P4	F3	F2	24"	72.00	4.03%
P5	OS1	F4	36"	88.00	2.27%



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STORM PLAN &
PROFILE - 2

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Revisions	Description	Date
1	Initial Design	08/12/2024
2	Revised Design	08/12/2024
3	Final Design	08/12/2024

Proj No:	2022.289.001
Date:	08/12/2024
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