



**Item:** Construction Contract Award: River Drive Overlook/Veterans Memorial Landscaping Community Transportation Enhancement Program (CTEP) Project – O.F. 1681

**From:** Andrew Finch, Planning & Community Development Department

**Initiated By:** Planning & Community Development Department

**Presented By:** Craig Raymond, CBO, Director of Planning & Community Development

**Action Requested:** Approve Contract for River Drive Overlook/Veterans Memorial Landscaping Project

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**Suggested Motion:**

1. Commissioner moves:

“I move that the City Commission (award/not award) a contract in the amount of \$60,805 to Missouri River Trucking & Excavating, Inc. for the River Drive Overlook/Veterans Memorial Landscaping project and authorize the City Manager to execute the construction contract documents.”

2. Mayor Winters requests a second to the motion, Commission discussion, public comment, and calls for the vote.

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**Summary:** Quotes have been solicited and received for a project to construct a small overlook along River Drive at the current interpretive sign overlooking Black Eagle Dam, as well as to landscape a portion of the parking lot serving the Veterans Memorial and Centene Stadium. Missouri River Trucking & Excavating, Inc. (MRTE) submitted the lowest responsive quote in the amount of \$60,805, which is about 1.7% below the Engineer’s Estimate of \$61,852.

**Background:** On June 3, 2014, the City Commission approved the use of Community Transportation Enhancement Program (CTEP) funds for a number of projects, including the overlook and landscaping projects. For ease of administration, the two nearby projects were combined into one (see attached Location Map). The projects generally include a 10’ x 11’ concrete pad and reinforced footing, 30 feet of protective railing and two mounting frames for interpretive panels; and, approximately 490 lineal feet of integral concrete curb and gutter, about 30 cubic yards of topsoil, 4,800 square feet of sod, irrigation, and 12 trees.

A formal agreement with the Montana Department of Transportation (MDT) was executed on November 5, 2014. MDT authorized the project to begin on January 6, 2015, whereupon NCI Engineering, Inc. was contracted to perform engineering services.

When project design was complete and the project was authorized for construction, the engineer solicited responses to the project quote package from seven local construction companies and received written quotes from two: MRTE and Kuglin Construction (see attached Bid Tabulation).

MRTE was the lowest responsive, responsible bidder, submitting a quote that was 1.7% less than the Engineer's Estimate of \$61,852.

**Fiscal Impact:** There will be no fiscal impact to the City, as the project is funded by the Federal-aid Community Transportation Enhancement Program, matched through the generosity of the Montana Veterans Memorial Inc. and Northwestern Energy. Ongoing maintenance of the landscaping will be performed by the Montana Veterans Memorial organization, and the overlook will require no maintenance other than occasional trash pickup, which will be performed by the Park & Recreation Department. The Montana Department of Transportation will maintain the parking lot portion of the overlook.

**Alternatives:** The City Commission could vote to deny award of the construction contract and not proceed with construction; however, doing so would require the City to re-pay the project grant dollars received to date.

**Concurrences:** The project engineer, NCI, concurs in award to MRTE. The Montana Department of Transportation, as the funding agency, has also concurred in the award.

**Attachments:**

Attachment A – Bid Tabulation

Attachment B – River Dr Improvements Location Map

Attachment C – Project Plans

Cc: Dave Dobbs, City Engineering  
Joseph Petrella, Park & Recreation

**City of Great Falls - River Drive Overlook/Veterans Memorial Landscaping O.F. #1681 - Attachment A  
Bid Tabulation**

Bid 10-7-2015

Item No.	ITEM	UNITS	QUANTITY	NCI Engineer's Estimate		MRTE		Kuglin	
				UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
<b>Veterans' Memorial Park</b>									
101	Site Grading	LS	1	\$ 4,000.00	\$ 4,000.00	\$ 8,000.00	\$ 8,000.00	\$ 4,800.00	\$ 4,800.00
102	Integral Concrete Curb and Gutter	LF	490	\$ 30.00	\$ 14,700.00	\$ 23.00	\$ 11,270.00	\$ 30.00	\$ 14,700.00
103	Irrigation System	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 6,600.00	\$ 6,600.00	\$ 5,200.00	\$ 5,200.00
104	Imported Top Soil in Place	CY	30	\$ 50.00	\$ 1,500.00	\$ 40.00	\$ 1,200.00	\$ 60.00	\$ 1,800.00
105	Sod	SF	4,800	\$ 0.50	\$ 2,400.00	\$ 1.35	\$ 6,480.00	\$ 2.00	\$ 9,600.00
106	3/4" minus Gravel	SY	311	\$ 10.00	\$ 3,110.00	\$ 10.00	\$ 3,110.00	\$ 14.00	\$ 4,354.00
107	Asphalt Millings	SY	169	\$ 18.00	\$ 3,042.00	\$ 5.00	\$ 845.00	\$ 16.00	\$ 2,704.00
108	Trees	EA	12	\$ 600.00	\$ 7,200.00	\$ 400.00	\$ 4,800.00	\$ 575.00	\$ 6,900.00
<b>Schedule 1 - Total Amount Bid</b>					<b>\$ 45,952.00</b>		<b>\$ 42,305.00</b>		<b>\$ 50,058.00</b>
Item No.	ITEM	UNITS	QUANTITY	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
<b>River Drive Overlook</b>									
201	Removal Guardrail	LS	1	\$ 3,000.00	\$ 3,000.00	\$ 1,000.00	\$ 1,000.00	\$ 800.00	\$ 800.00
202	Concrete Pad with Footing	LS	1	\$ 4,000.00	\$ 4,000.00	\$ 3,700.00	\$ 3,700.00	\$ 2,800.00	\$ 2,800.00
203	New Guardrail	LF	30	\$ 100.00	\$ 3,000.00	\$ 150.00	\$ 4,500.00	\$ 140.00	\$ 4,200.00
204	Mounting Frames	EA	2	\$ 1,000.00	\$ 2,000.00	\$ 1,500.00	\$ 3,000.00	\$ 540.00	\$ 1,080.00
205	Pipe Bollard	EA	2	\$ 600.00	\$ 1,200.00	\$ 1,200.00	\$ 2,400.00	\$ 580.00	\$ 1,160.00
206	Concrete Garbage Can	EA	1	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 525.00	\$ 525.00
207	Tree Removal	EA	1	\$ 300.00	\$ 300.00	\$ 1,500.00	\$ 1,500.00	\$ 600.00	\$ 600.00
208	Miscellaneous Work	Unit	2,000	\$ 1.00	\$ 2,000.00	\$ 1.00	\$ 2,000.00	\$ 1.00	\$ 2,000.00
<b>Schedule 2 - Total Amount Bid</b>					<b>\$ 15,900.00</b>		<b>\$ 18,500.00</b>		<b>\$ 13,165.00</b>
<b>TOTAL AMOUNT BID FOR SCHEDULES 1 and 2 COMBINED</b>					<b>\$ 61,852.00</b>		<b>\$ 60,805.00</b>		<b>\$ 63,223.00</b>





**RIVER DR IMPROVEMENTS LOCATION MAP**



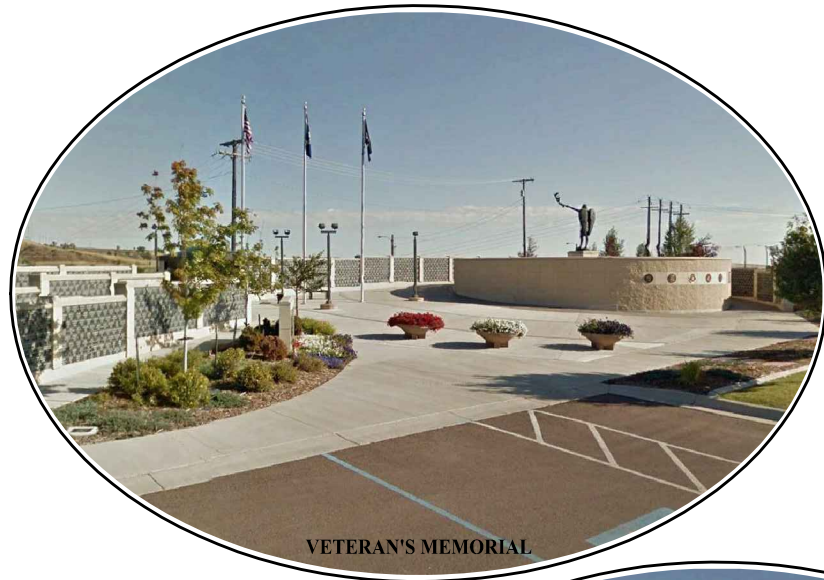


# RIVER DRIVE OVERLOOK/ VETERANS' MEMORIAL LANDSCAPING

## CITY OF GREAT FALLS

**FEDERAL AID I.D. STPE 5299 (119) UPN 8879**

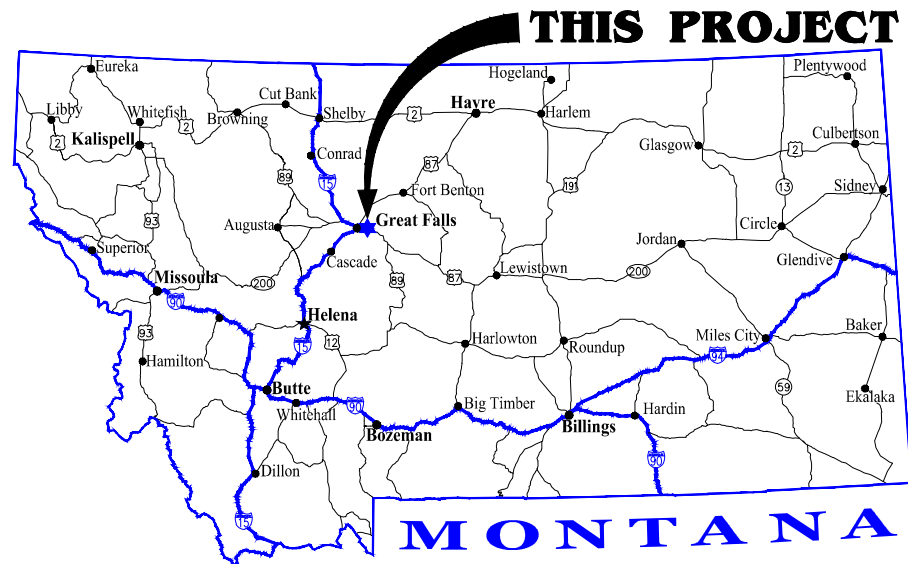
**(FEDERAL AID NAME: RIVER DRIVE OVERLOOK - GTF)**



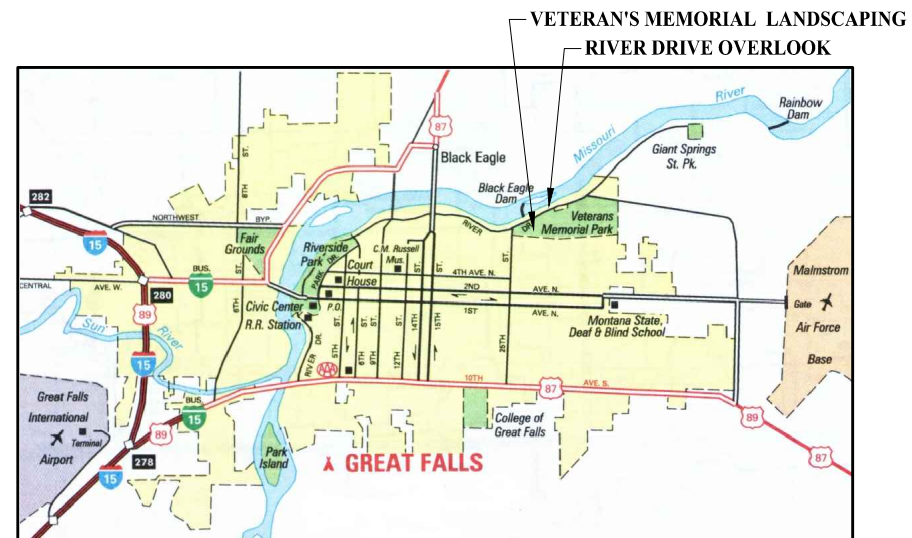
VETERAN'S MEMORIAL



RIVER DRIVE OVERLOOK



**MONTANA**



**VICINITY MAP**

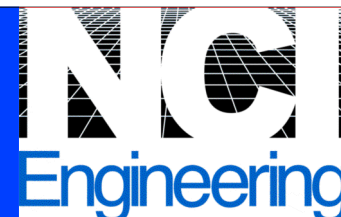
### WORKSCOPE

NOTES

### SHEET INDEX

1. COVER
2. OVERLOOK SITE PLAN & DETAILS
3. OVERLOOK PLAN VIEW
4. OVERLOOK DETAILS
5. VETERAN'S MEMORIAL LANDSCAPING

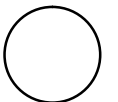
NCI ENGINEERING CO.  
4509 NORTH STAR BLVD.  
PO BOX 6350  
GREAT FALLS, MT 59406-6350  
PHONE (406) 453-5478  
FAX (406) 453-2009



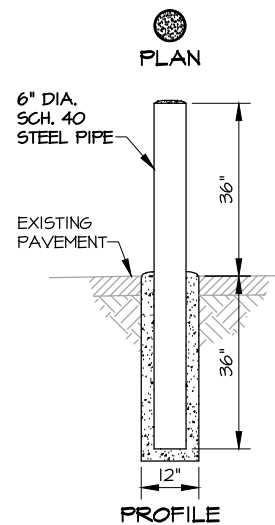
DATE: APRIL 2015

office@nciengineering.com  
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SET  
NUMBER



File #



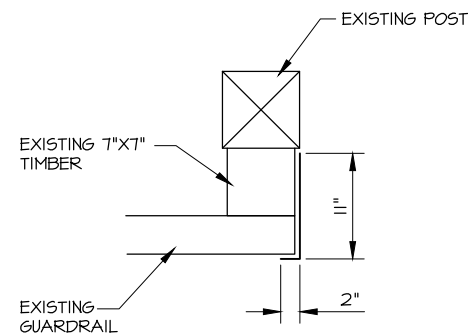
**NOTES:**

1. OVERSIZE AND TRIM HOLE IN PAVEMENT TO 1' DIA. AND PATCH BACK WITH CONCRETE FLUSH W/SOUND PAVEMENT
2. POWDER COAT STEEL W/BRIGHT YELLOW EPOXY, 2 COATS
3. FILL PIPE W/CONCRETE AND MOUND TOP

**STEEL PIPE BOLLARD**

NTS

1  
2



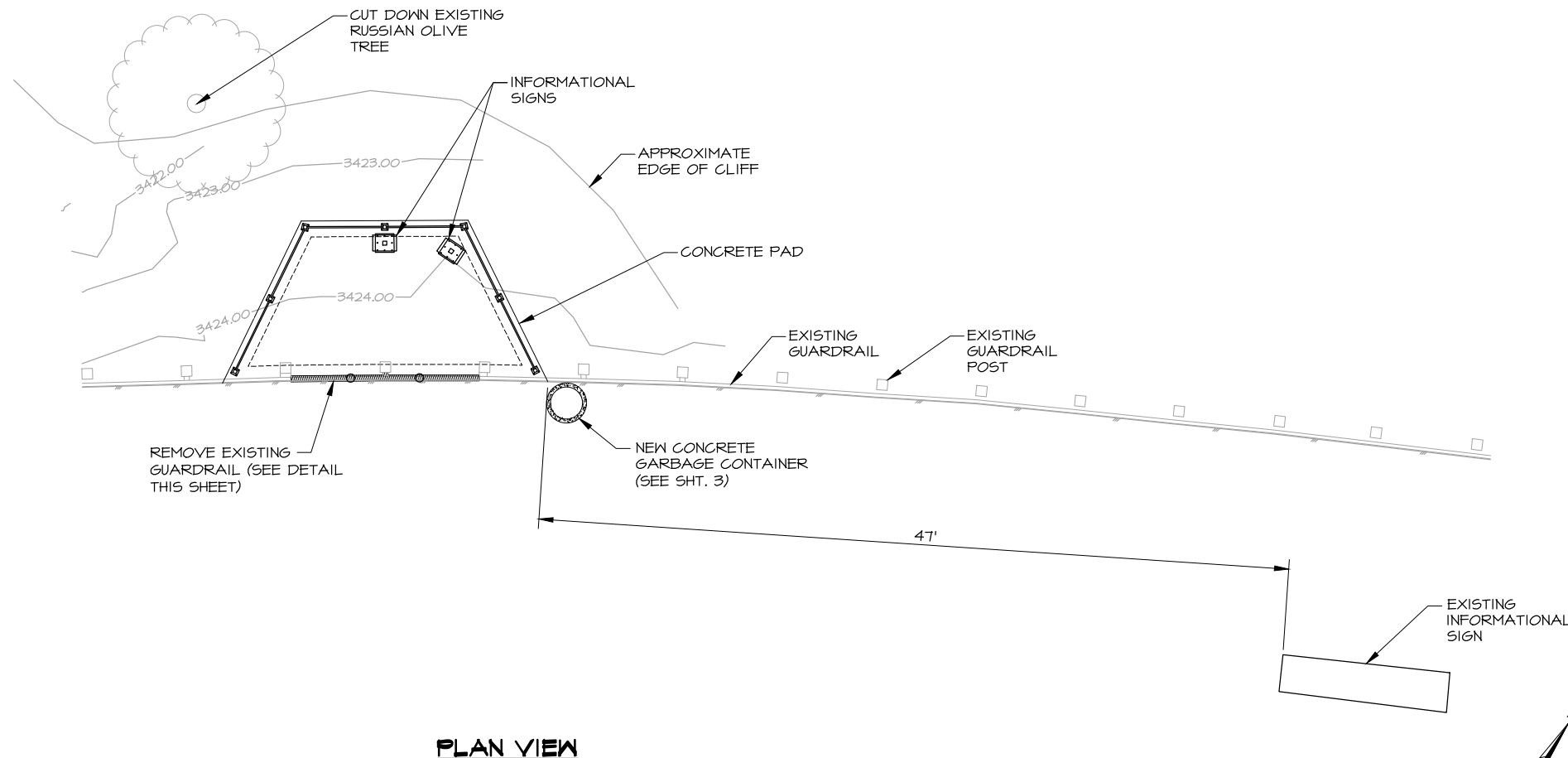
**NOTES:**

1. CUT EXISTING GUARDRAIL FLUSH WITH EXISTING TIMBER
2. COVER GUARDRAIL END AND TIMBER W/ 13"x14"x 1/8" GALVANIZED PLATE, BENT TO COVER FACE OF GUARDRAIL BY 2".
3. SCREW GALVANIZED PLATE TO TIMBER WITH 4 EACH #10X2" SCREWS.

**GUARDRAIL DETAIL**

NTS

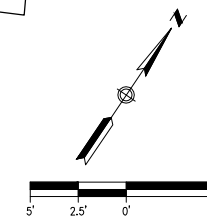
2  
2



**PLAN VIEW**

**NOTE:**

SEE SHT. 3 FOR PAD LAYOUT AND OVERLOOK DETAILS

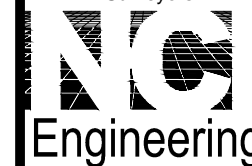


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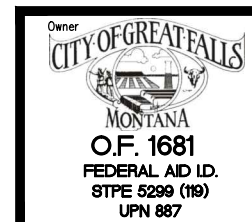
File No. 110.529	Job No. 1502 1502-02
Date 4/27/15	Scale AS SHOWN

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Environmental Specialists  
Planners  
Designers  
Surveyors



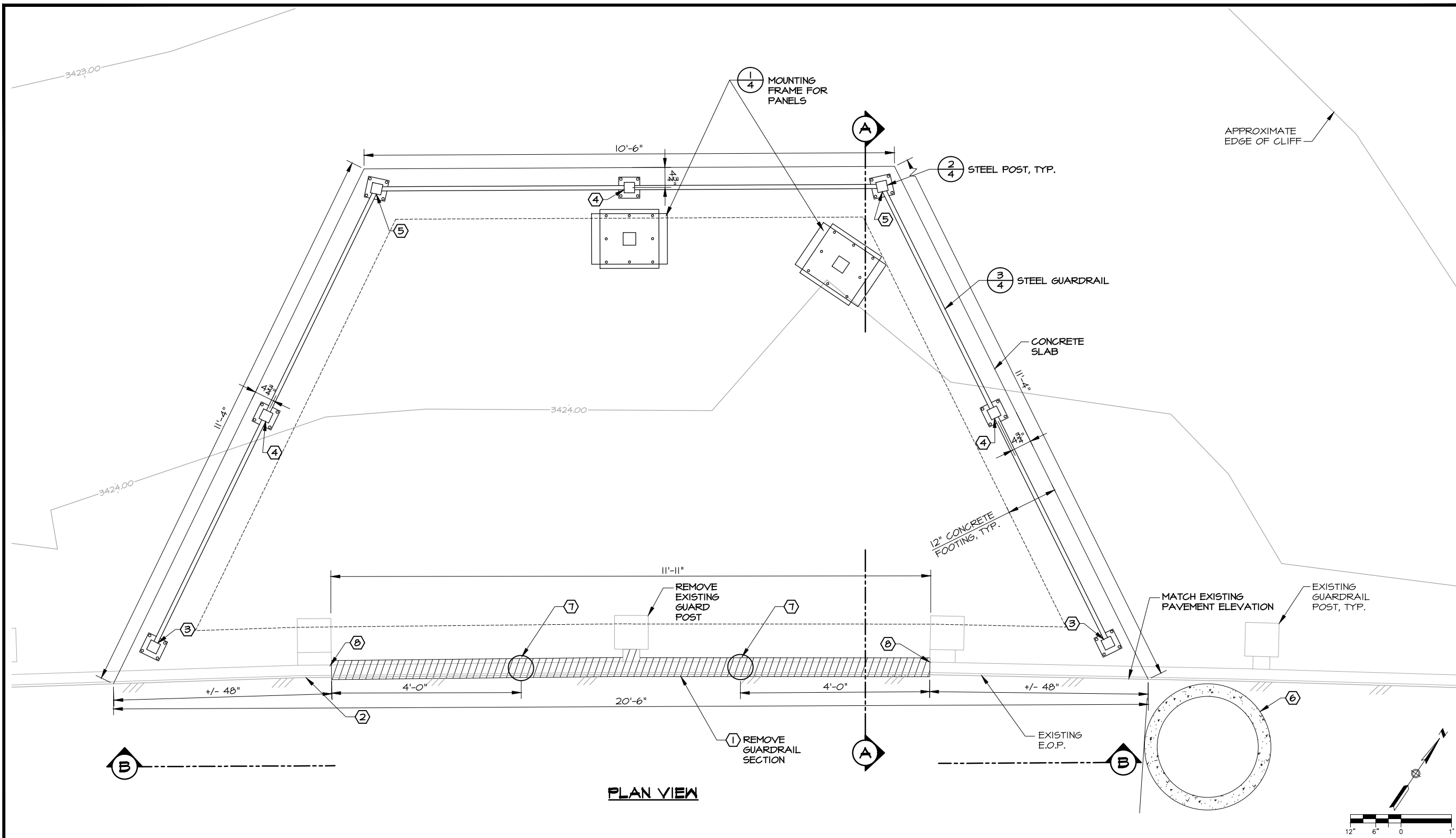
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Great Falls, MT 59406  
Phone 406-453-5478  
Fax 406-453-2009



Project Title  
**RIVER DRIVE  
OVERLOOK/  
VETERAN'S  
MEMORIAL  
LANDSCAPING**

Sheet Title  
**OVERLOOK  
SITE PLAN  
AND  
DETAILS**

Sheet <b>2</b>	Of <b>5</b>
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Revisions	By	Date

File No. 110.529	Job No. 1502 1502-03
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Owner  
**CITY OF GREAT FALLS**  
MONTANA  
O.F. 1681  
FEDERAL AID I.D.  
STPE 5299 (119)  
UPN 887

Project Title  
**RIVER DRIVE  
OVERLOOK/  
VETERAN'S  
MEMORIAL  
LANDSCAPING**

Sheet Title  
**OVERLOOK  
PLAN  
VIEW**

Sheet **3** Of **5**

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**KEYED NOTES:**

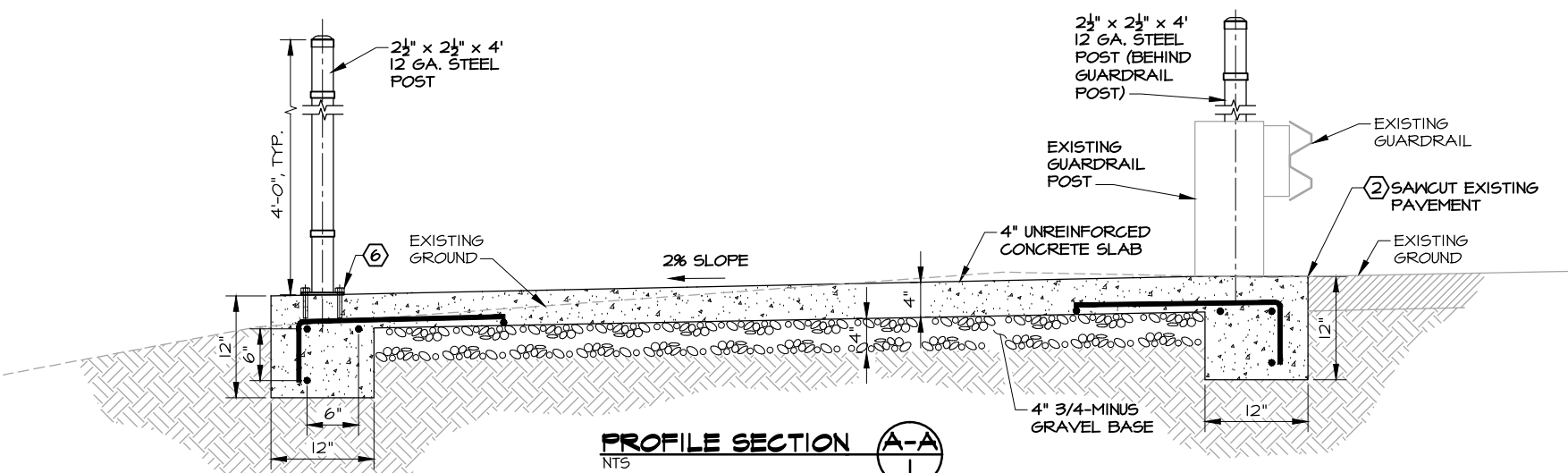
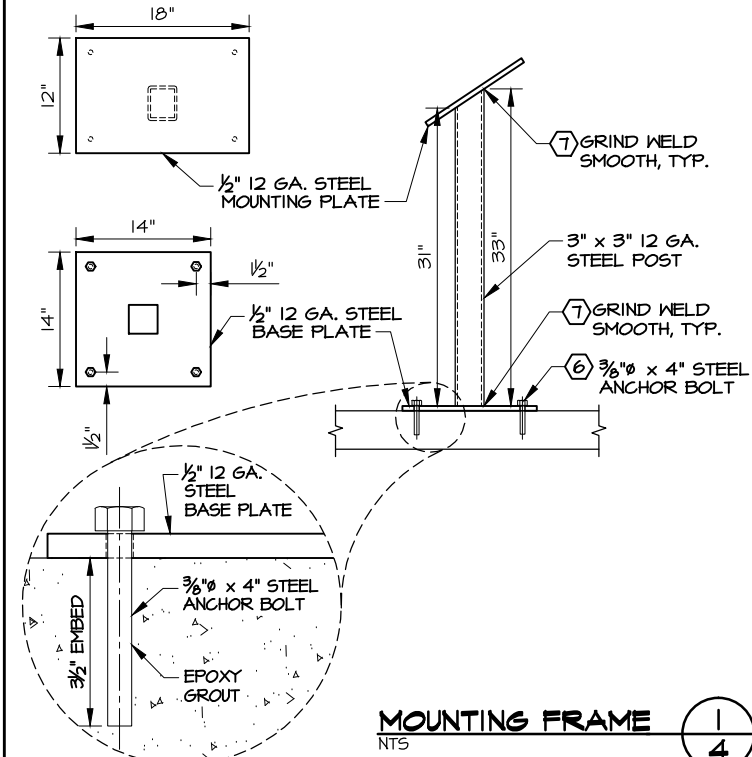
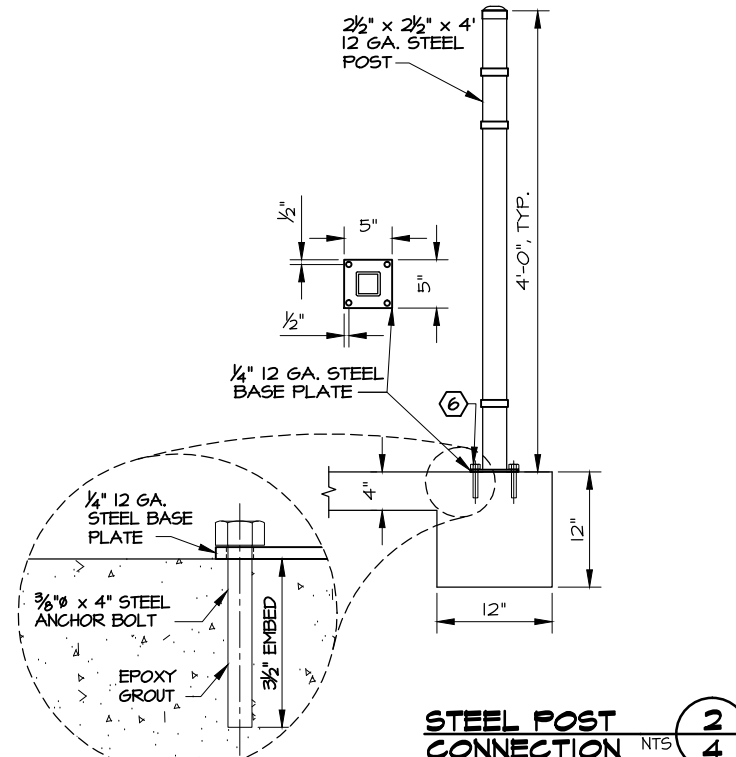
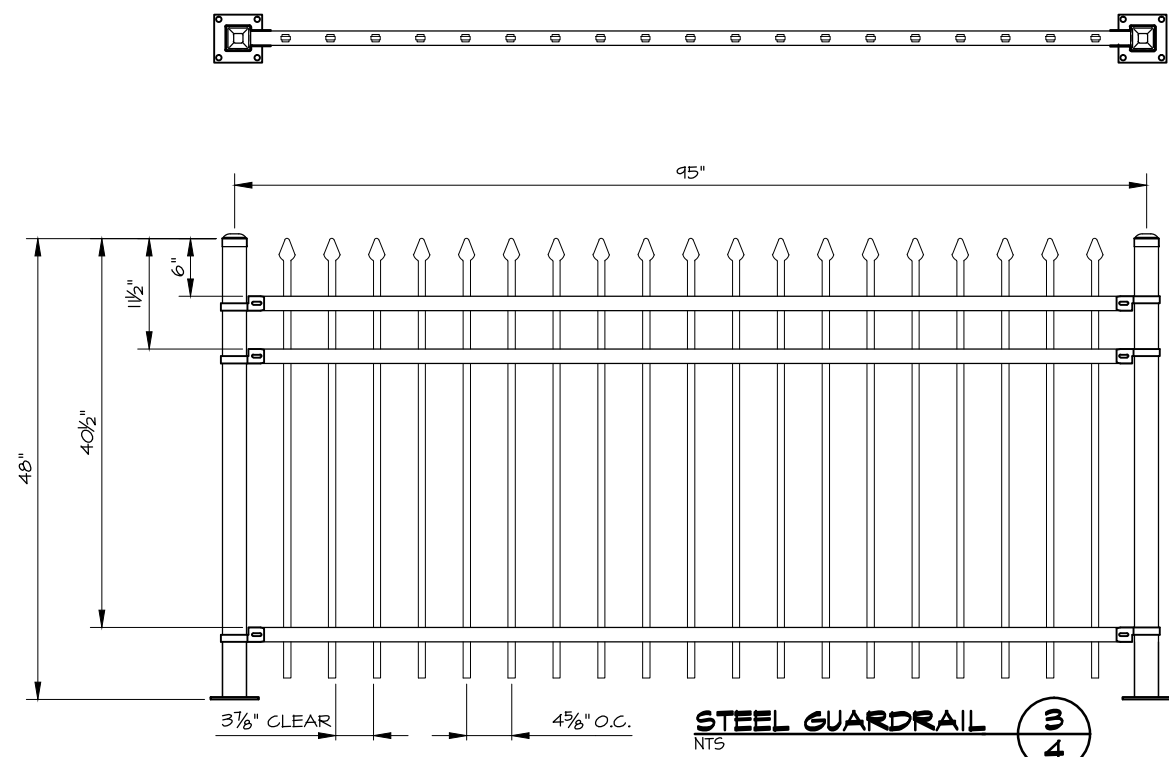
- ① CUT EXISTING GUARDRAIL FLUSH WITH TX7X14 BACKING TIMBER TO CREATE 11'-11" OPENING.
- ② SAWCUT PAVEMENT 6" BACK FROM EDGE AND INSTALL CONCRETE SLAB ABUTTING PAVEMENT, MATCHING TOP OF PAVEMENT AND TOP OF CONCRETE GRADES
- ③ INSTALL FLAT MOUNT BRACKET TO ATTACH RAILING TO POST AS SPECIFIED ON DRAWING
- ④ INSTALL INTERMEDIATE BRACKET TO ATTACH RAILING TO POST AS SPECIFIED ON DRAWING
- ⑤ INSTALL SWIVEL BRACKET TO ATTACH RAILING TO POST AS SPECIFIED ON DRAWING
- ⑥ PRECAST CONCRETE GARBAGE CONTAINER, 24" INSIDE DIAMETER x 27" OUTSIDE HEIGHT, 3" WALL THICKNESS W/GROOVED TOP AND STEEL LID W/SECURITY CHAIN ATTACHED TO CONTAINER

- ⑦ INSTALL PIPE BOLLARD PER  $\frac{1}{2}$
- ⑧ INSTALL GALVANIZED PLATE PER  $\frac{2}{2}$

**GENERAL NOTES:**

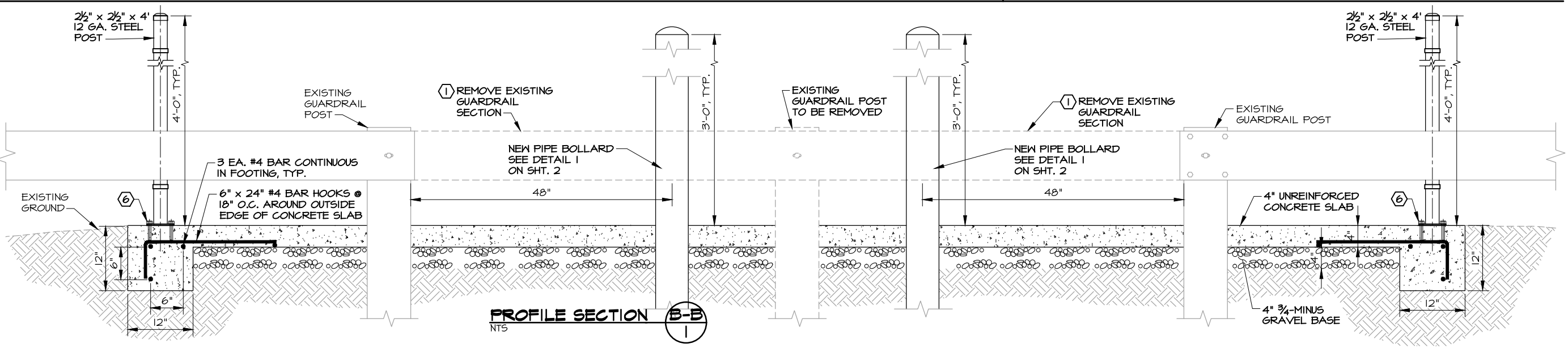
- 1. MATCH EXISTING PAVEMENT ELEVATIONS ON SOUTH SIDE; SLOPE NEW CONCRETE @ 2% TOWARDS RIVER
- 2. CLEAR AND GRUB EXISTING VEGETATION; COMPACT SUBGRADE TO 95% OF ASTM D698 DENSITY
- 3. ADD AND COMPACT 4" OF 3/4"-MINUS GRAVEL UNDER SLAB TO 95% OF ASTM D698 DENSITY
- REMOVE EXISTING TEMPORARY SIGN AND STEEL POST AND DELIVER TO OWNER





- KEYED NOTES:**
- REMOVE ROADWAY GUARDRAIL SECTION
  - SAWCUT EDGE OF PAVEMENT 6" FROM EDGE AND INSTALL CONCRETE SLAB ABUTTING PAVEMENT, MATCHING TOP OF PAVEMENT AND TOP OF CONCRETE GRADES
  - INSTALL FLAT MOUNT BRACKET TO ATTACH RAILING TO POST AS SPECIFIED ON DRAWING
  - INSTALL INTERMEDIATE BRACKET TO ATTACH RAILING TO POST AS SPECIFIED ON DRAWING
  - INSTALL SWIVEL BRACKET TO ATTACH RAILING TO POST AS SPECIFIED ON DRAWING
  - ANCHOR BOLTS TO BE KWIK BOLT STYLE STAINLESS STEEL EXPANSION ANCHOR.
  - PERFORM ALL WELDING WITH APPROVED ELECTRODES AND GRIND ALL WELDS SMOOTH PRIOR TO POWDER COATING

- GENERAL NOTES:**
- STEEL GUARDRAIL PANEL SECTIONS MAY BE CUT TO 5' LENGTHS, PROVIDED THE EXPOSED SURFACES ARE SEALED.
  - STEEL MATERIAL FOR FENCE PANELS AND POSTS SHALL CONFORM TO REQUIREMENTS OF ASTM A653/A653M.
  - MATERIAL FOR POSTS SHALL BE 2 1/2" SQ. X 12 GAUGE STEEL TUBING. PICKETS SHALL BE 3/4" SQ. X 18 GAUGE STEEL TUBING. RAILS SHALL BE 1 1/2" X 1 1/8" 14 GAUGE STEEL CHANNEL. PICKETS SHALL BE SPACED SUCH THAT A 4" DIA. SPHERE CANNOT PASS BETWEEN PICKETS.

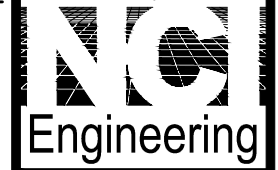


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File No. 110.529	Job No. 1502 1502-04
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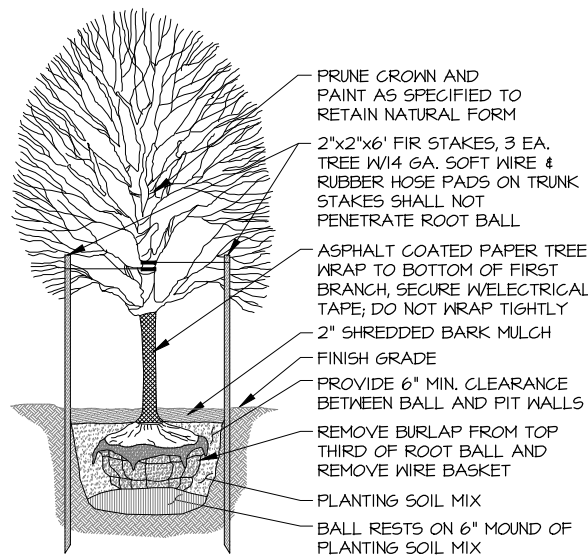
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Project Title  
**RIVER DRIVE  
OVERLOOK/  
VETERAN'S  
MEMORIAL  
LANDSCAPING**

Sheet Title <b>OVERLOOK DETAILS</b>	
Sheet <b>4</b>	Of <b>5</b>
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**DECIDUOUS TREE PLANTING**

N.T.S.

NOTE: ALL TREES ARE TO BE HONEY LOCUST SPECIES



**HORIZONTAL LAYOUT DETAILS**

RADIUS #	CURVE RADIUS	CENTRAL ANGLE	RADIUS POINT COORDINATE
R1	407'-1/2"	15.47°	1533333.2176, 1146347.3600
R2	10'-6"	113.98°	1533503.0228, 1146015.2240
R3	3'-6"	120.00°	1533510.0045, 1145472.7120
R4	3'-6"	164.24°	1533304.0404, 1145477.2140
R5	4'-6"	28.35°	1533360.8584, 1145476.6234
R6	5'-6"	28.22°	1533381.9184, 1145475.9847
R7	5'-6"	28.35°	1533441.8637, 1145472.8014

\*VERTICAL DATUM IS CITY DATUM - SEE TBM, THIS SHEET  
HORIZONTAL DATUM IS STATE PLANE COORDINATE SYSTEM

**LEGEND**

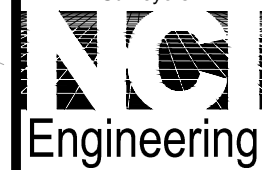
- EX. EDGE OF PAVEMENT (MILLINGS)
- EX. EDGE OF GRAVEL
- EX. EDGE OF SOD/DIRT
- EX. TREE
- EX. SIDEWALK
- EX. CURB & GUTTER
- EX. CONTOUR
- NEW SOD
- NEW CURB & GUTTER
- NEW TREE

Revisions	By	Date

File No.	Job No.
110.529	1502 1502-05
Date	Scale
5/14/15	AS SHOWN

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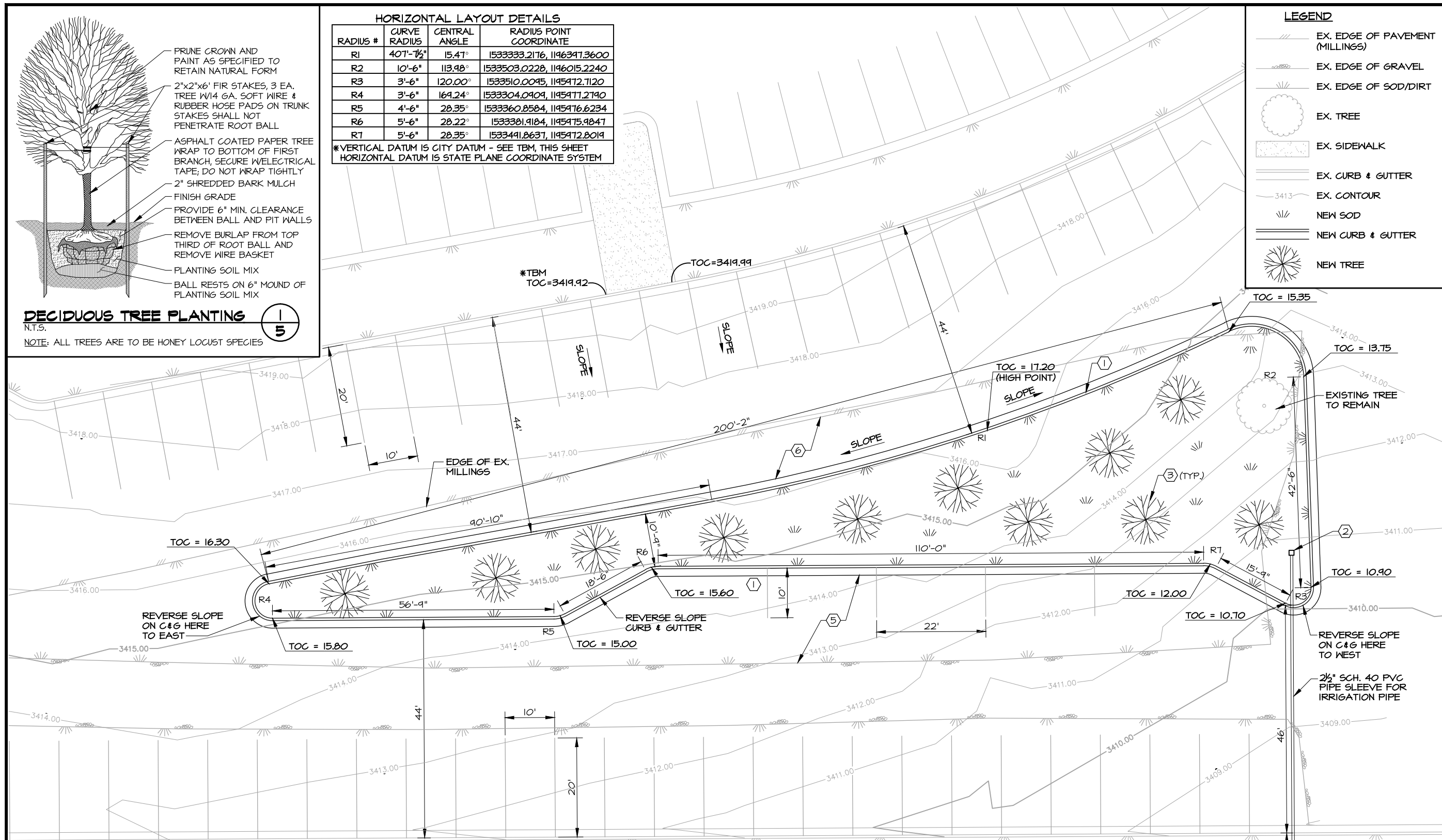
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OVERLOOK/  
VETERAN'S  
MEMORIAL  
LANDSCAPING**

Sheet Title  
**VETERAN'S  
MEMORIAL  
LANDSCAPING**

Sheet	Of
5	5

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**PLAN VIEW**

**KEYED NOTES:**

- 1) INSTALL CONCRETE CURB AND GUTTER, SEE DETAIL DWG. 106C
- 2) IRRIGATION CONTROLLER
- 3) PROVIDE 2 GPH DRIP IRRIGATION EMITTERS TO TREE LOCATIONS, DESIGNATED BY
- 4) CONNECT TO EXISTING WATER SYSTEM AT VALVE BOX; PROVIDE AIR BLOWOFF PORT IN EXISTING BOX
- 5) REMOVE TOPSOIL TO DEPTH OF 3", PROVIDE 2,800 S.F. OF 3/4"-MINUS GRAVEL (40 C.Y.), TO TAPER FROM EXISTING GRAVEL TO GUTTER
- 6) REMOVE TOPSOIL TO DEPTH OF 3", PROVIDE 1,520 S.F. OF MILLED ASPHALT (21 C.Y.), TO MATCH EXISTING EDGE OF MILLINGS TO GUTTER

**GENERAL NOTES:**

1. STRAIGHT LINE GRADE BETWEEN SPOT ELEVATIONS.
2. PROVIDE SCH. 40 PVC PIPE WITHIN SLEEVE ON SUPPLY SIDE OF CONTROLLER. PROVIDE CLASS 100 BLACK POLY ON DEMAND SIDE OF CONTROLLER. SYSTEM OPERATING PRESSURE IS 40 PSI FOR DESIGN PURPOSES. PROVIDE SWING ARM ASSEMBLIES AT IRRIGATION HEADS OR BARBED, CLAMPED FITTINGS/FUNNY PIPE/STREET ELLS FOR GRADE LEVEL ADJUSTMENT OF HEADS. CONTRACTOR TO DESIGN, PROVIDE, AND INSTALL LAWN AND DRIP IRRIGATION SYSTEM. SEE SP-18 OF SPECIAL CONDITIONS.
3. PROVIDE SPRAY IRRIGATION TO SOD AND DRIP HEADS ON SEPARATE LINE TO TREES, DESIGN BY CONTRACTOR.
4. SPRAY HEADS TO BE HUNTER PROS-04 (4" POP-UP), OR EQUAL.
5. ROTORS TO BE HUNTER I-20-04-CV (4" RISER), OR EQUAL.
6. INSTALL HUNTER NODE BATTERY-POWERED CONTROLLER, MODEL TO BE SELECTED BASED ON NUMBER OF IRRIGATION ZONES; DC LATCHING SOLENOID OPERATING BETWEEN 9-11 VDC MUST BE USED WITH THE NODE CONTROLLER.
7. NO PARKING LAYOUT/STRIPING IS REQUIRED.
8. ADD +/-3" TOPSOIL AND SOD AREA (4,810 S.F.) INSIDE CURBS.

