

**LEGEND**

.....	CONSTRUCTION LIMITS
=====	REMOVE CURB & GUTTER
-----	SAWCUT PAVEMENT (FULL DEPTH)
	RELOCATE MAILBOX
⊥	SALVAGE EXISTING SIGN
■	REMOVE CATCH BASIN
---x---	REMOVE STORM SEWER

⊕	RELOCATE HYDRANT & VALVE
---x---	REMOVE WATERMAIN
▨	RECLAIM BIT PAVEMENT (HAUL AND/OR STOCKPILE)
▩	REMOVE BIT PAVEMENT
▧	REMOVE CONCRETE PAVEMENT
▨	SALVAGE LANDSCAPE ROCK

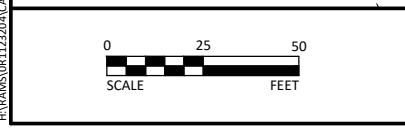
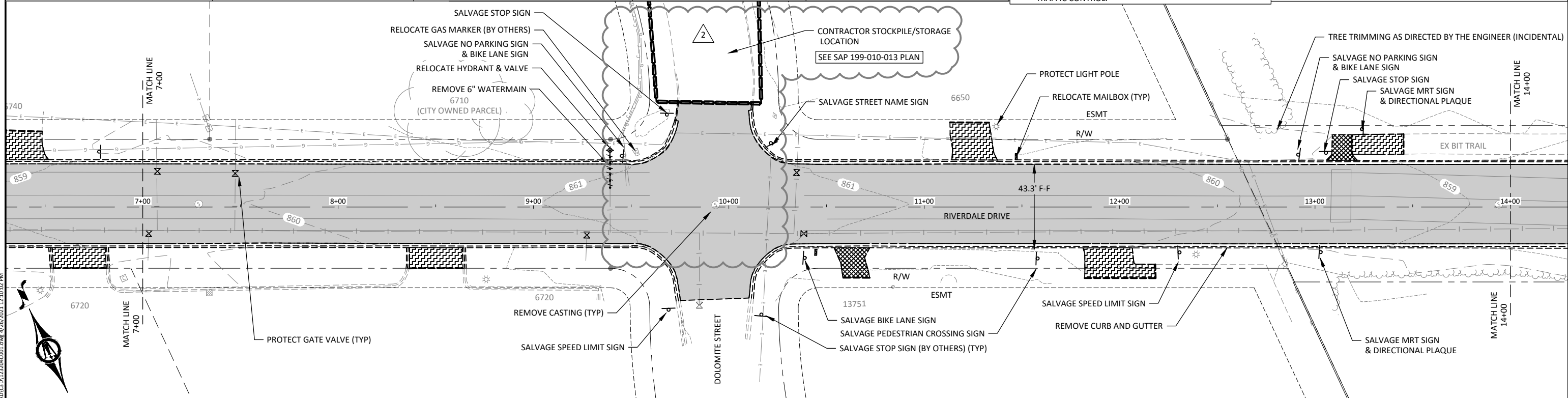
952	EXISTING CONTOUR MINOR
950	EXISTING CONTOUR MAJOR
=====	EXISTING CURB & GUTTER
-----	PAVEMENT MARKING
-----	EXISTING EASEMENT LINE
-----	EXISTING RIGHT-OF-WAY
G	UNDERGROUND GAS
C	UNDERGROUND COMM
E	UNDERGROUND ELECTRIC
OU	OVERHEAD UTILITY

⊕	MARKER - GAS
⊕	TRANSFORMER-ELECTRIC
⊕	PEDESTAL-COMMUNICATION
⊕	PEDESTAL-ELECTRIC
⊕	HANDHOLE
⊕	POLE - LIGHT
⊕	POLE-UTILITY
⊕	GUY WIRE ANCHOR
⊕	EXISTING TRAFFIC SIGN
⊕	FENCE

⊕	FIRE HYDRANT
⊕	VALVE
⊕	WATERMAIN
⊕	CATCH BASIN
⊕	STORM OVERFLOW STRUCTURE
⊕	STORM SEWER
⊕	SANITARY MANHOLE
⊕	EDGE OF VEGETATION
⊕	TREE-CONIFEROUS
⊕	TREE-DECIDUOUS

- REMOVAL NOTES**
1. CONTRACTOR SHALL CALL GOPHER STATE ONE CALL. ALL UTILITIES MUST BE LOCATED PRIOR TO THE START OF CONSTRUCTION.
  2. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITY STRUCTURES THAT ARE NOT BEING REMOVED OR RELOCATED.
  3. CONTRACTOR TO VERIFY REMOVAL LIMITS WITH ENGINEER PRIOR TO SAWCUTTING, INCLUDING TREE REMOVALS.
  4. CONTRACTOR TO SUBMIT TEMPORARY PEDESTRIAN ACCESS PLAN PER SPECIFICATION, INCLUDED IN UNIT PRICE BID FOR TRAFFIC CONTROL.

- TRAFFIC CONTROL/SIGNAGE NOTES:**
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING TRAFFIC CONTROL SIGNS AND DEVICES COMPLY WITH THE REQUIREMENTS OF THE MNMUTCD AT ALL TIMES DURING CONSTRUCTION
  2. THE CITY OF RAMSEY WILL REMOVE/SALVAGE EXISTING SIGNS DURING CONSTRUCTION
  3. THE CONTRACTOR SHALL CONTACT THE CITY 48 HOURS IN ADVANCE OF WHEN SIGNS NEED TO BE REMOVED/SALVAGED
  4. THE CONTRACTOR SHALL COVER (BAG) EXISTING SIGNS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL UNTIL SUCH TIME THAT THE CITY OF RAMSEY REMOVES/SALVAGES THE SIGNS



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*Kevin P. Kielb*  
 KEVIN P. KIELB  
 LIC. NO. 23211 DATE 1/25/2021

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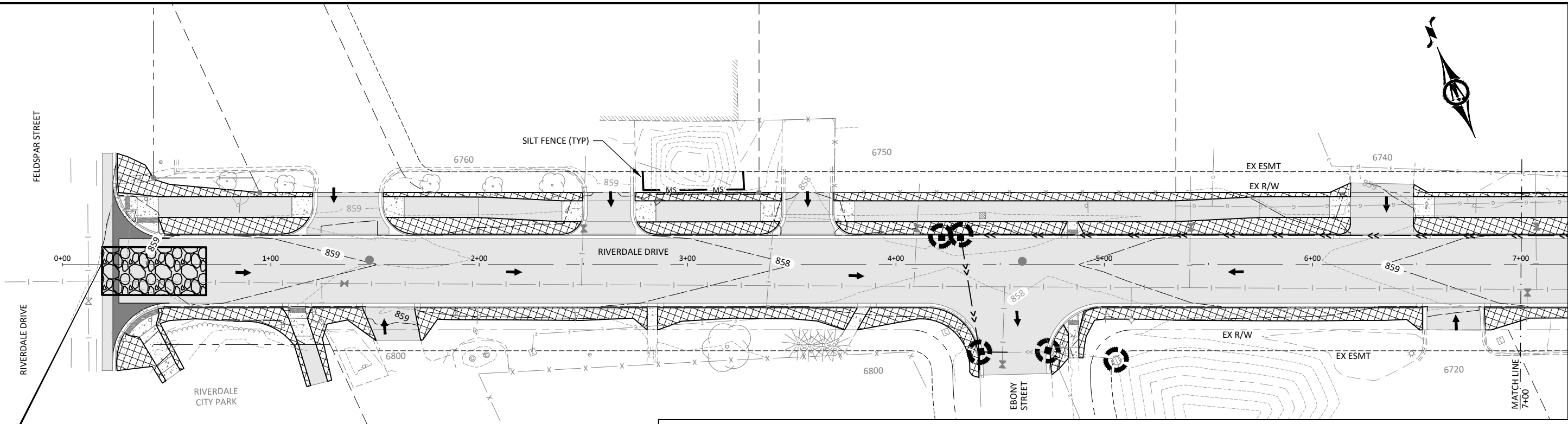
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CITY OF RAMSEY, MINNESOTA  
 RIVERDALE DRIVE IMPROVEMENTS, S.A.P. 199-108-004  
 EXISTING CONDITIONS & REMOVALS PLAN

SHEET 6 OF 48

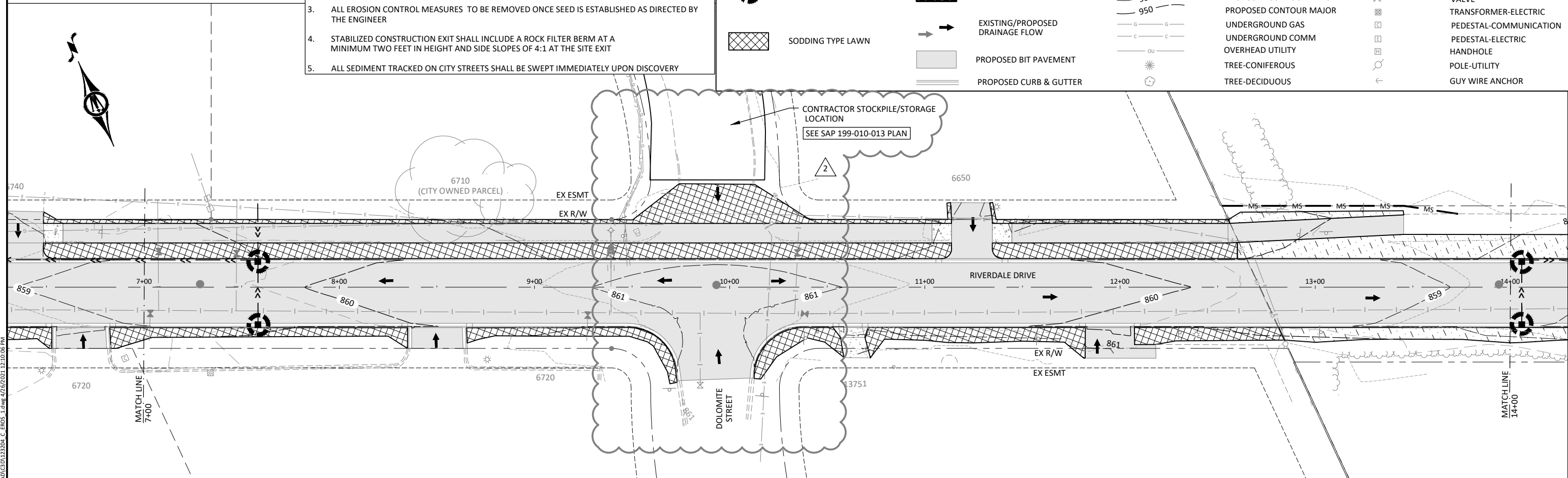
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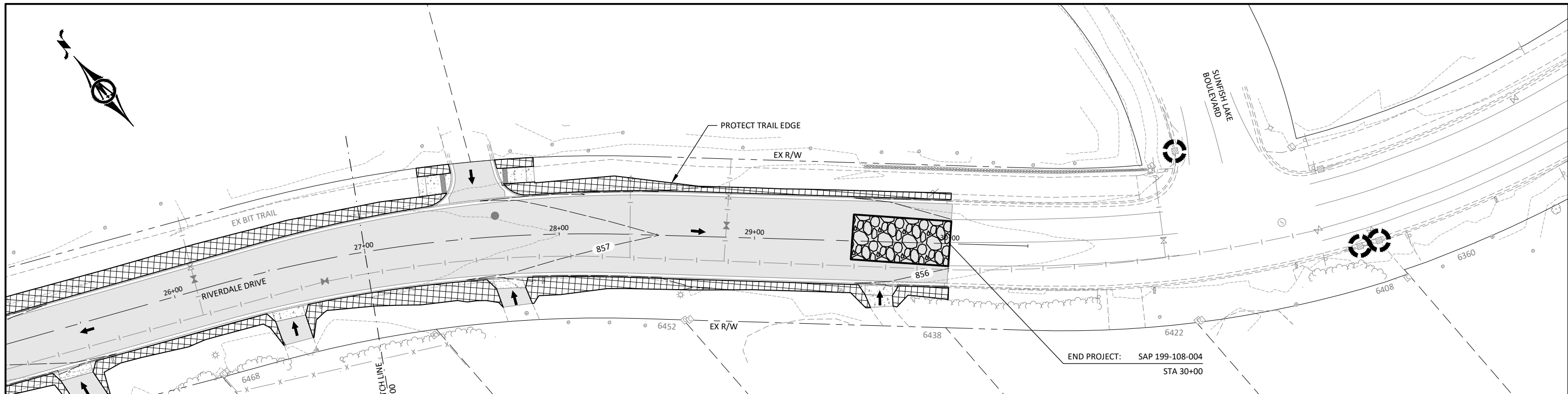


BEGIN PROJECT: S.A.P. 199-108-004  
STA 0+19

- NOTES:**
1. INSTALL EROSION CONTROL MEASURES PRIOR TO COMMENCING CONSTRUCTION
  2. A STREET SWEEPER MUST BE AVAILABLE WITHIN 3 HOURS UPON NOTICE FROM THE CITY THAT THE STREETS NEED TO BE SWEEPED
  3. ALL EROSION CONTROL MEASURES TO BE REMOVED ONCE SEED IS ESTABLISHED AS DIRECTED BY THE ENGINEER
  4. STABILIZED CONSTRUCTION EXIT SHALL INCLUDE A ROCK FILTER BERM AT A MINIMUM TWO FEET IN HEIGHT AND SIDE SLOPES OF 4:1 AT THE SITE EXIT
  5. ALL SEDIMENT TRACKED ON CITY STREETS SHALL BE SWEEPED IMMEDIATELY UPON DISCOVERY

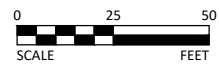
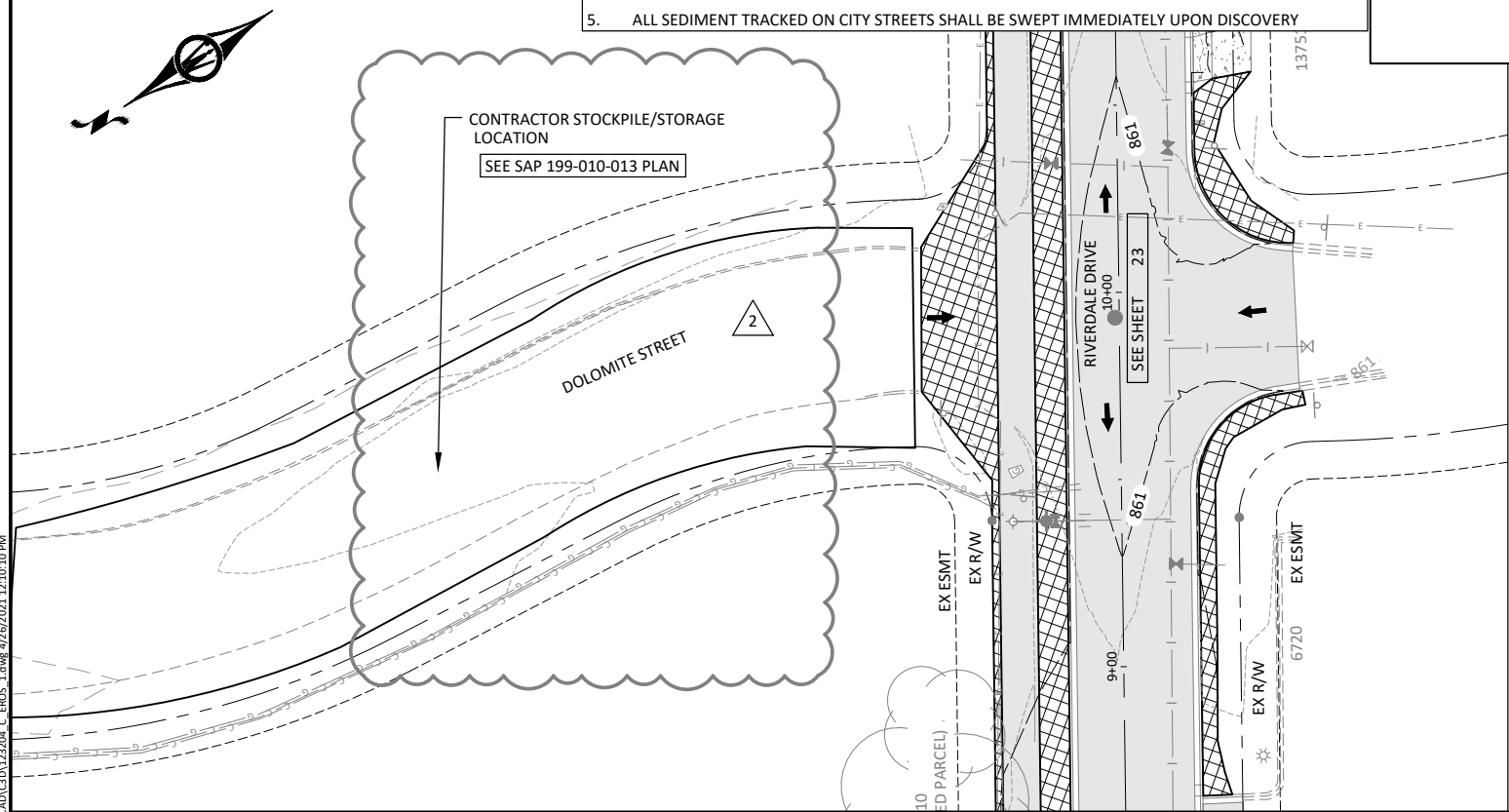
LEGEND					
— MS —	MACHINE SLICED SILT FENCE		HYDRAULIC BONDED FIBER MATRIX, SEED MIX 25-131, FERTILIZER TYPE 3		EXISTING CURB & GUTTER
	INLET PROTECTION		STABILIZED CONSTRUCTION EXIT		EXISTING EASEMENT LINE
	SODDING TYPE LAWN		EXISTING/PROPOSED DRAINAGE FLOW		EXISTING RIGHT-OF-WAY
	PROPOSED BIT PAVEMENT		PROPOSED CURB & GUTTER		EXISTING CONTOUR MINOR
			PROPOSED CONTOUR MINOR		EXISTING CONTOUR MAJOR
			PROPOSED CONTOUR MAJOR		UNDERGROUND GAS
			UNDERGROUND COMM		OVERHEAD UTILITY
			TREE-CONIFEROUS		TREE-DECIDUOUS
			EXISTING TRAFFIC SIGN		WET WELL
			VALVE VAULT		FIRE HYDRANT
			VALVE		TRANSFORMER-ELECTRIC
			PEDESTAL-COMMUNICATION		PEDESTAL-ELECTRIC
			HANDHOLE		POLE-UTILITY
			GUY WIRE ANCHOR		





- NOTES:**
1. INSTALL EROSION CONTROL MEASURES PRIOR TO COMMENCING CONSTRUCTION
  2. A STREET SWEEPER MUST BE AVAILABLE WITHIN 3 HOURS UPON NOTICE FROM THE CITY THAT THE STREETS NEED TO BE SWEEPED
  3. ALL EROSION CONTROL MEASURES TO BE REMOVED ONCE SEED IS ESTABLISHED AS DIRECTED BY THE ENGINEER
  4. STABILIZED CONSTRUCTION EXIT SHALL INCLUDE A ROCK FILTER BERM AT A MINIMUM TWO FEET IN HEIGHT AND SIDE SLOPES OF 4:1 AT THE SITE EXIT
  5. ALL SEDIMENT TRACKED ON CITY STREETS SHALL BE SWEEPED IMMEDIATELY UPON DISCOVERY

LEGEND					
MS	MACHINE SLICED SILT FENCE		HYDRAULIC BONDED FIBER MATRIX, SEED MIX 25-131, FERTILIZER TYPE 3		EXISTING CURB & GUTTER
	INLET PROTECTION		STABILIZED CONSTRUCTION EXIT		EXISTING EASEMENT LINE
	SODDING TYPE LAWN		EXISTING/PROPOSED DRAINAGE FLOW		EXISTING RIGHT-OF-WAY
	PROPOSED BIT PAVEMENT		PROPOSED CURB & GUTTER		EXISTING CONTOUR MINOR
			PROPOSED CURB & GUTTER		EXISTING CONTOUR MAJOR
			PROPOSED CURB & GUTTER		PROPOSED CONTOUR MINOR
			PROPOSED CURB & GUTTER		PROPOSED CONTOUR MAJOR
			PROPOSED CURB & GUTTER		UNDERGROUND GAS
			PROPOSED CURB & GUTTER		UNDERGROUND COMM
			PROPOSED CURB & GUTTER		OVERHEAD UTILITY
			PROPOSED CURB & GUTTER		TREE-CONIFEROUS
			PROPOSED CURB & GUTTER		TREE-DECIDUOUS
			PROPOSED CURB & GUTTER		EXISTING TRAFFIC SIGN
			PROPOSED CURB & GUTTER		WET WELL
			PROPOSED CURB & GUTTER		VALVE VAULT
			PROPOSED CURB & GUTTER		FIRE HYDRANT
			PROPOSED CURB & GUTTER		VALVE
			PROPOSED CURB & GUTTER		TRANSFORMER-ELECTRIC
			PROPOSED CURB & GUTTER		PEDESTAL-COMMUNICATION
			PROPOSED CURB & GUTTER		PEDESTAL-ELECTRIC
			PROPOSED CURB & GUTTER		HANDHOLE
			PROPOSED CURB & GUTTER		POLE-UTILITY
			PROPOSED CURB & GUTTER		GUY WIRE ANCHOR



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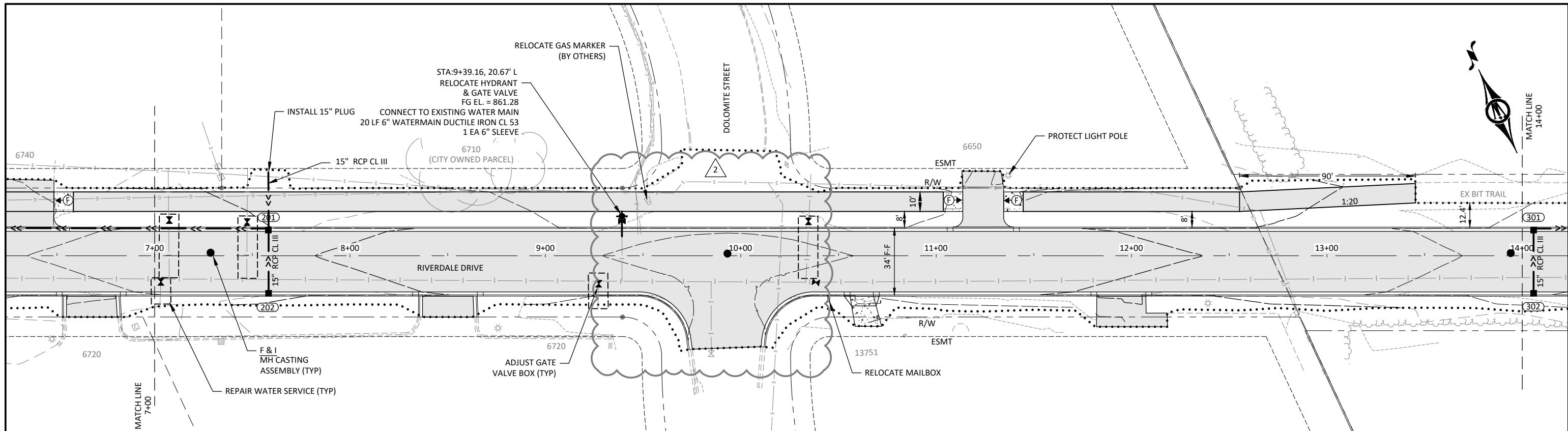
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CITY OF RAMSEY, MINNESOTA		SHEET
RIVERDALE DRIVE IMPROVEMENTS, S.A.P. 199-108-004		25
EROSION CONTROL & TURF ESTABLISHMENT		OF
		48

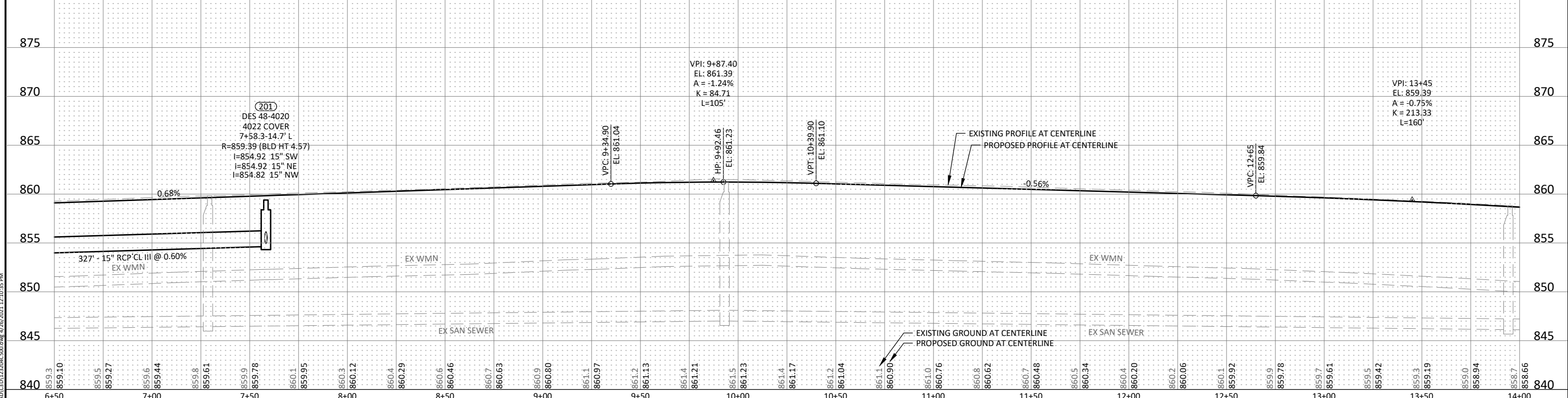
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LEGEND	
.....	CONSTRUCTION LIMITS
■	STORM SEWER RECTANGULAR CASTING
●	STORM SEWER MANHOLE
— >> —	STORM SEWER PIPE
↔	RELOCATE HYDRANT
⊠	REPAIR WATER SERVICE
▨	PROPOSED BIT PAVEMENT
▨	PROPOSED CURB & GUTTER
▨	PROPOSED CONC WALK/ DRIVEWAY
⬆	FLAT RAMP - (BETWEEN 2% - 5%)
⬆	STEEP PEDESTRIAN RAMP - (BETWEEN 5% - 8.3%)
=====	EXISTING CURB & GUTTER
-----	EXISTING EASEMENT LINE
-----	EXISTING RIGHT-OF-WAY
-----	EXISTING CONTOUR MINOR
-----	EXISTING CONTOUR MAJOR
-----	PROPOSED CONTOUR MINOR
-----	PROPOSED CONTOUR MAJOR
— C — C —	UNDERGROUND COMM
— OU —	OVERHEAD UTILITY
— G — G —	UNDERGROUND GAS
⊙	TREE-CONIFEROUS
⊙	TREE-DECIDUOUS
⊙	EXISTING TRAFFIC SIGN
⊙	FIRE HYDRANT
⊠	VALVE
⊠	TRANSFORMER-ELECTRIC
⊠	HANDHOLE
⊠	POLE-UTILITY
⊠	GUY WIRE ANCHOR
⊠	PEDESTAL-COMMUNICATION
⊠	PEDESTAL-ELECTRIC

**NOTES**

- IF WATER SERVICE IS NOT TIED, INSTALL TIE RODS FROM VALVE TO MAIN. TIE ROD INSTALLATION SHALL BE PAID PER REPAIR WATER SERVICE (EACH)
- POLYSTYRENE INSULATION REQUIRED BETWEEN STORM SEWER AND WATERMAIN IF CLEARANCE IS LESS THAN 2 FEET. SEE CONSTRUCTION DETAILS.

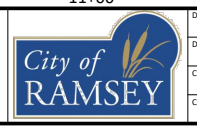


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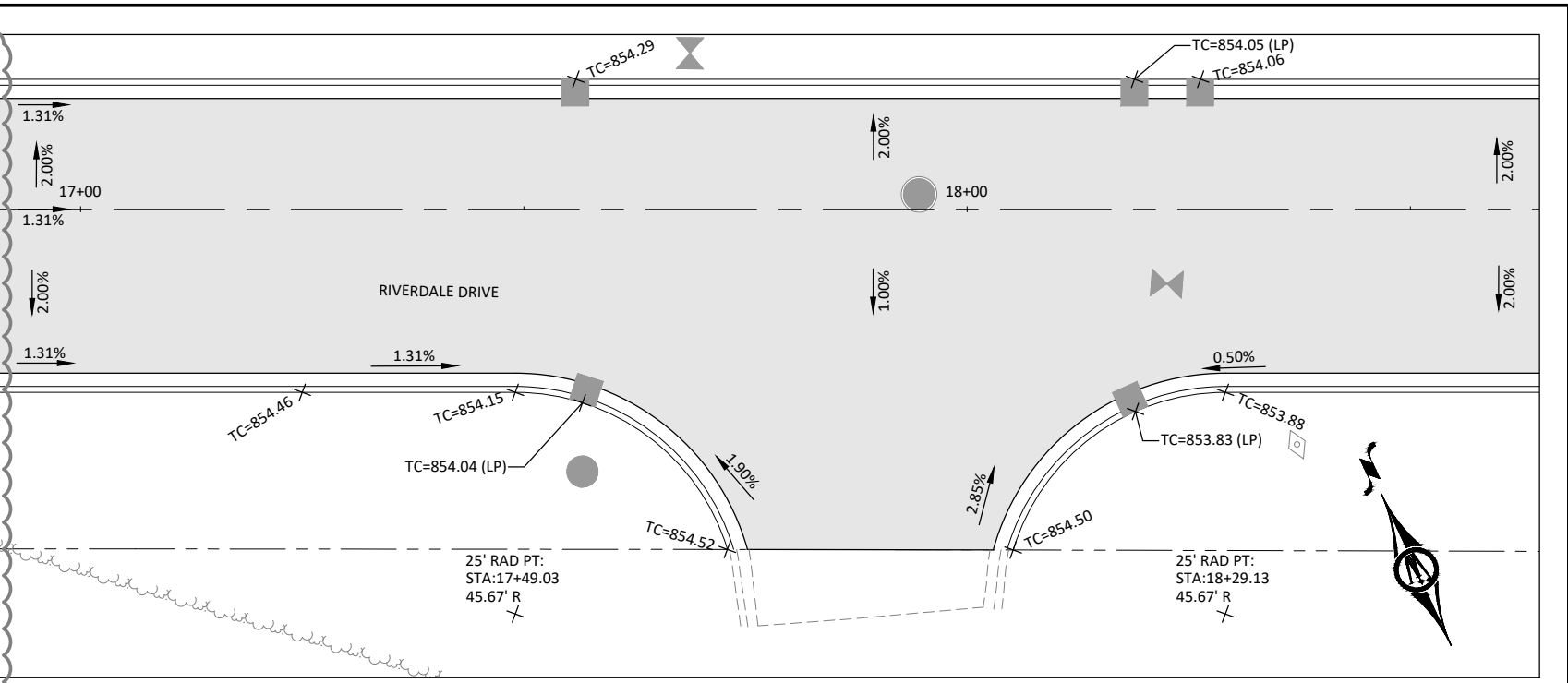
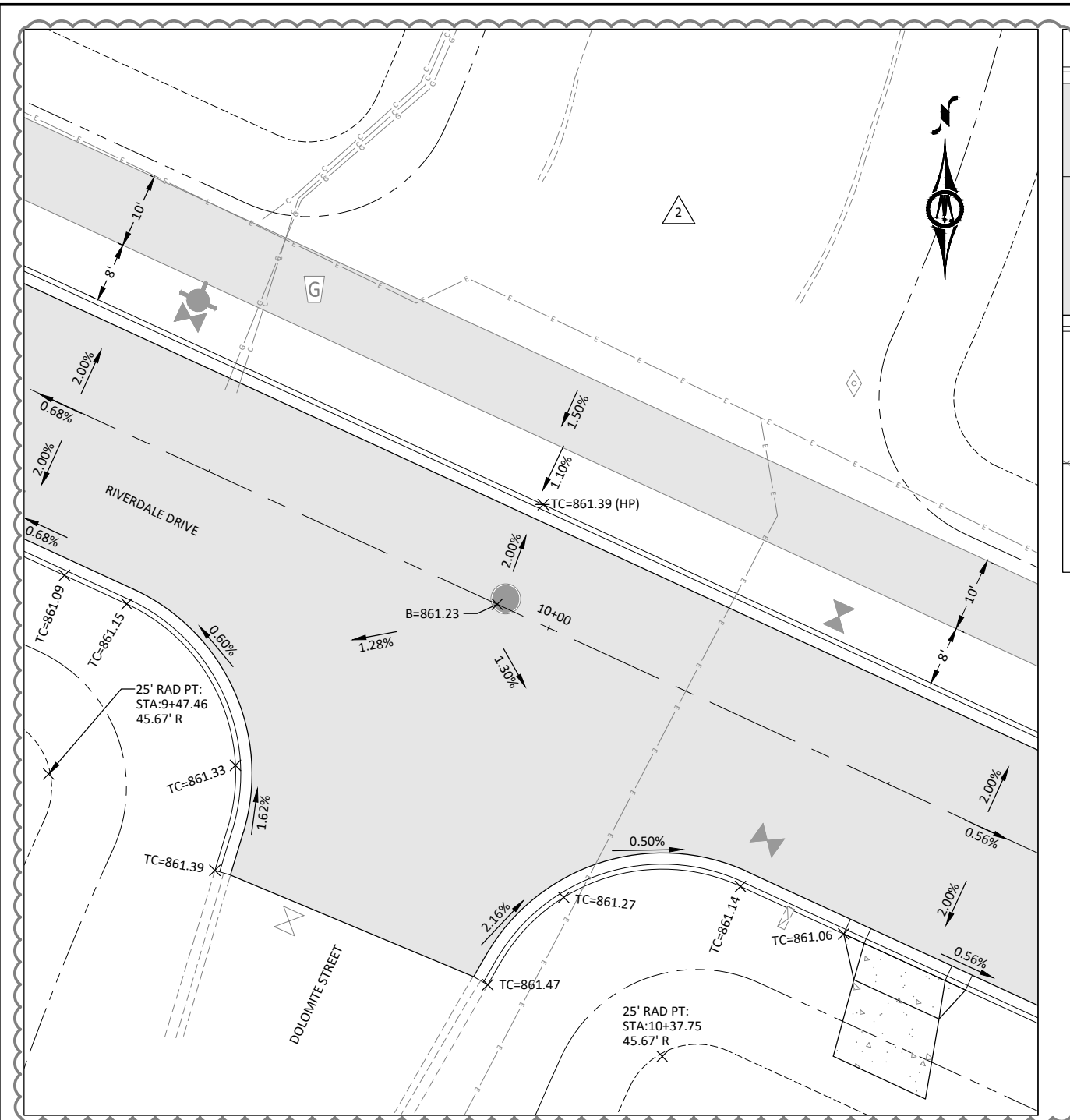


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CITY OF RAMSEY, MINNESOTA  
 RIVERDALE DRIVE IMPROVEMENTS, S.A.P. 199-108-004  
 STREET PLAN & PROFILE

SHEET 27 OF 48

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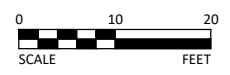
**LEGEND**

	EXISTING CURB & GUTTER		6" CONCRETE WALK (2521)
	B618 CONCRETE CURB & GUTTER		TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	PROPOSED BIT PAVEMENT		LANDING AREA - 4'X4' MIN. DIMENSIONS AND MAX 2.0% SLOPE IN ALL DIRECTIONS
	7" CONCRETE VALLEY GUTTER		

—X"	CURB HEIGHT	× TC=XXX.XX	PROPOSED TOP OF CURB
Ⓢ➔	INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE BETWEEN 5.0% MINIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%	× G=XXX.XX	PROPOSED GUTTER
ⓔ➔	INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%	× C=XXX.XX	PROPOSED TOP OF CONCRETE
Ⓣ	TRANSITION PANEL - REQUIRED ONLY IF CROSS SLOPE OF EXISTING WALK IS GREATER THAN 2%	× B=XXX.XX	PROPOSED TOP OF BITUMINOUS
➔	2.0%		

- NOTES:**
- MATCH PROPOSED GUTTER WITH EXISTING GUTTER
  - STREET RADII AND RADIUS POINTS ARE TO BACK OF CURB

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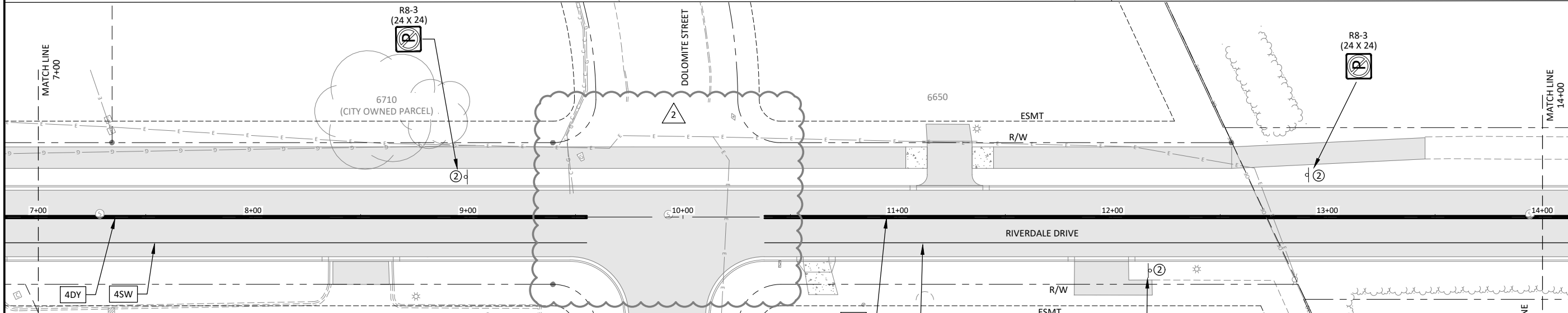
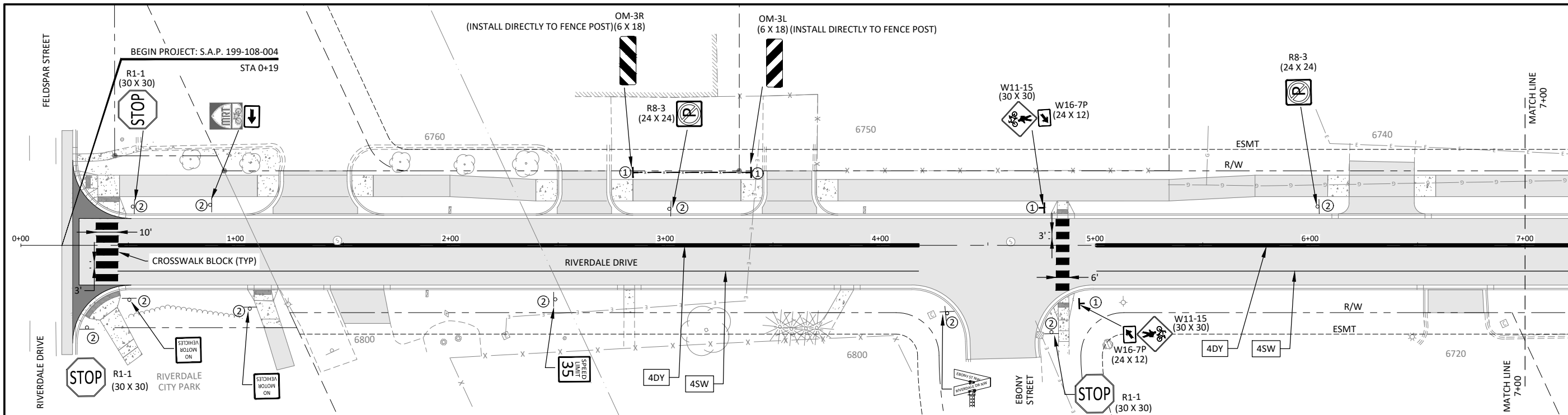


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CITY OF RAMSEY, MINNESOTA  
 RIVERDALE DRIVE IMPROVEMENTS, S.A.P. 199-108-004  
 INTERSECTION DETAILS



**LEGEND**

	PROPOSED BIT PAVEMENT		EXISTING CURB & GUTTER
	PROPOSED CURB & GUTTER		EXISTING EASEMENT LINE
	RECTANGLE - MULTI COMP		EXISTING RIGHT-OF-WAY
	CROSSWALK BLOCK MULTI COMP		OVERHEAD UTILITY
	FURNISH & INSTALL NEW SIGN		TREE-CONIFEROUS
	REINSTALL EXISTING SIGN		TREE-DECIDUOUS
			EXISTING TRAFFIC SIGN
			WET WELL
			VALVE VAULT
			FIRE HYDRANT
			VALVE
			TRANSFORMER-ELECTRIC
			PEDESTAL-COMMUNICATION
			PEDESTAL-ELECTRIC
			HANDHOLE
			POLE-UTILITY
			GUY WIRE ANCHOR

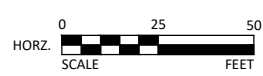
  

1ST DIGIT(S) WIDTH 4", 8", ETC.	2ND DIGIT PATTERN S - SOLID B - BROKEN D - DOTTED/DOUBLE	3RD DIGIT COLOR W - WHITE Y - YELLOW B - BLACK
---------------------------------------	--	--

EXAMPLE: 4SW = 4" SOLID LINE WHITE - MULTI COMP

- NOTES:**
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING TRAFFIC CONTROL SIGNS AND DEVICES COMPLY WITH THE REQUIREMENTS OF THE MNMUTCD AT ALL TIMES DURING CONSTRUCTION
  2. THE CITY OF RAMSEY WILL REMOVE/SALVAGE EXISTING SIGNS DURING CONSTRUCTION
  3. THE CITY OF RAMSEY SHALL FURNISH & INSTALL ALL NEW SIGNS
  4. THE CONTRACTOR SHALL CONTACT THE CITY 48 HOURS IN ADVANCE OF WHEN SIGNS NEED TO BE REMOVED/SALVAGED
  5. THE CONTRACTOR SHALL COVER (BAG) EXISTING SIGNS THAT CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL UNTIL SUCH TIME THAT THE CITY OF RAMSEY REMOVES/SALVAGES THE SIGNS
  6. THE CONTRACTOR SHALL PROVIDE 2 WEEKS NOTICE TO THE CITY OF RAMSEY PRIOR TO THE PERMANENT SIGNS BEING REQUIRED TO BE INSTALLED/REINSTALLED

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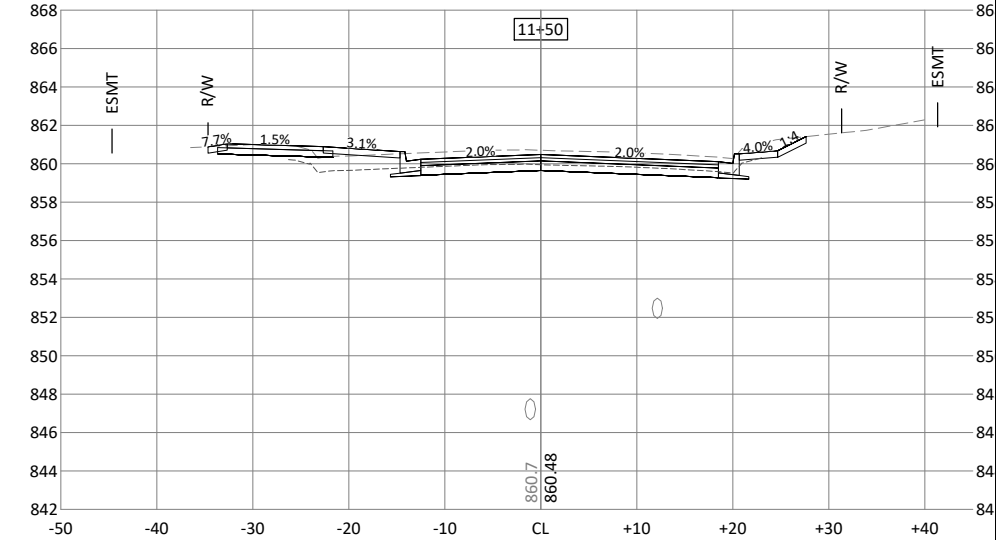
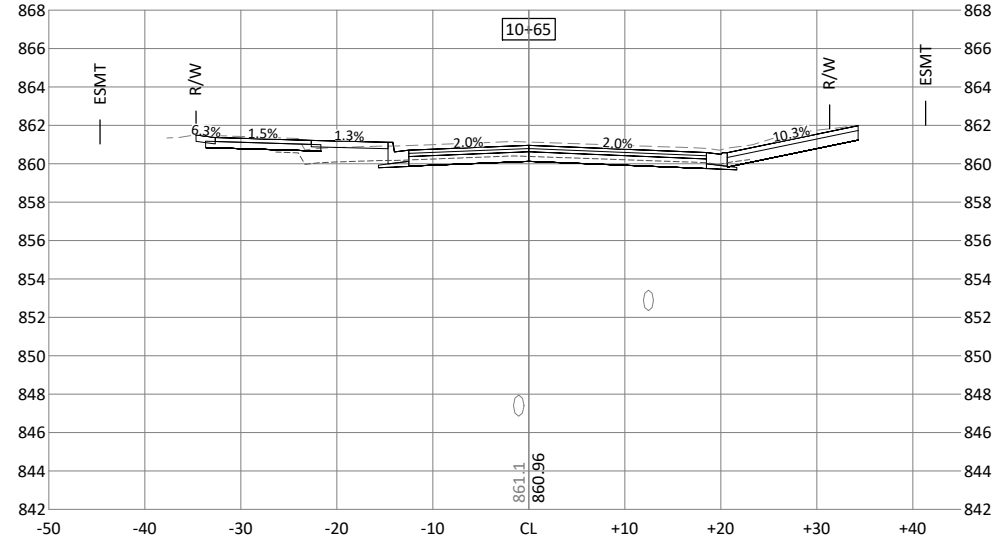
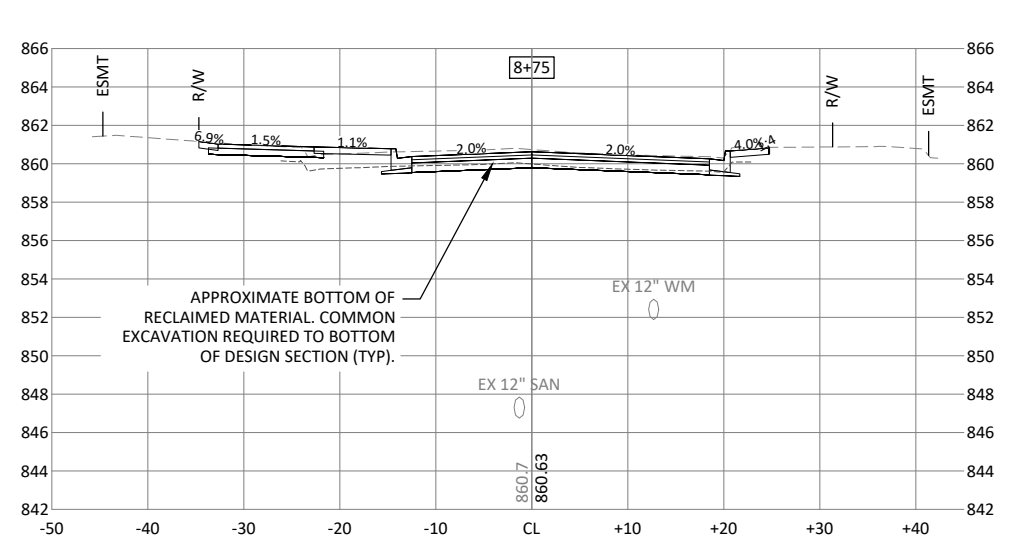
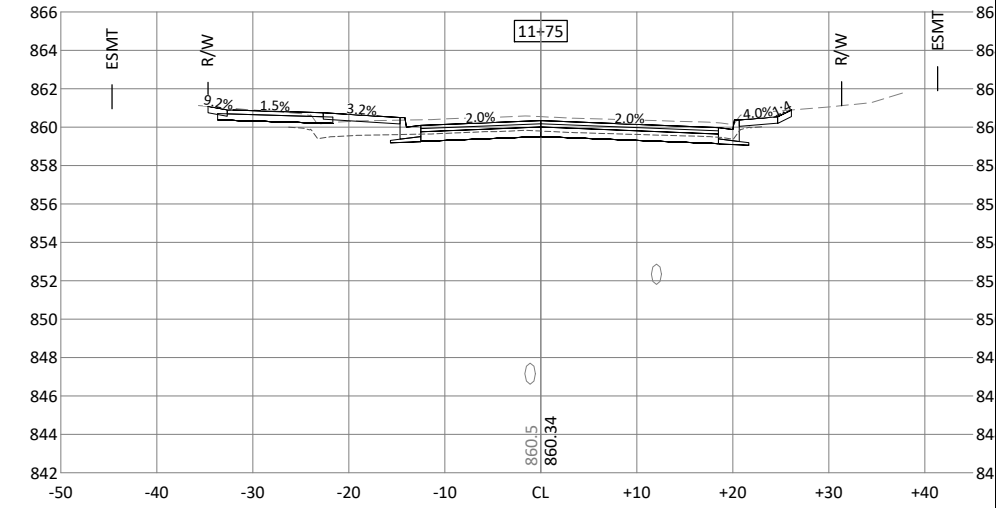
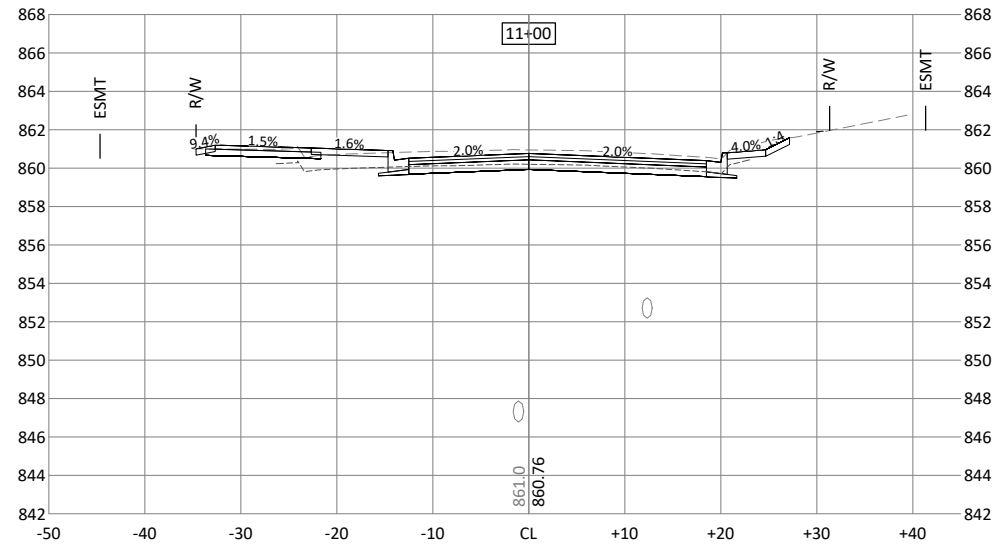
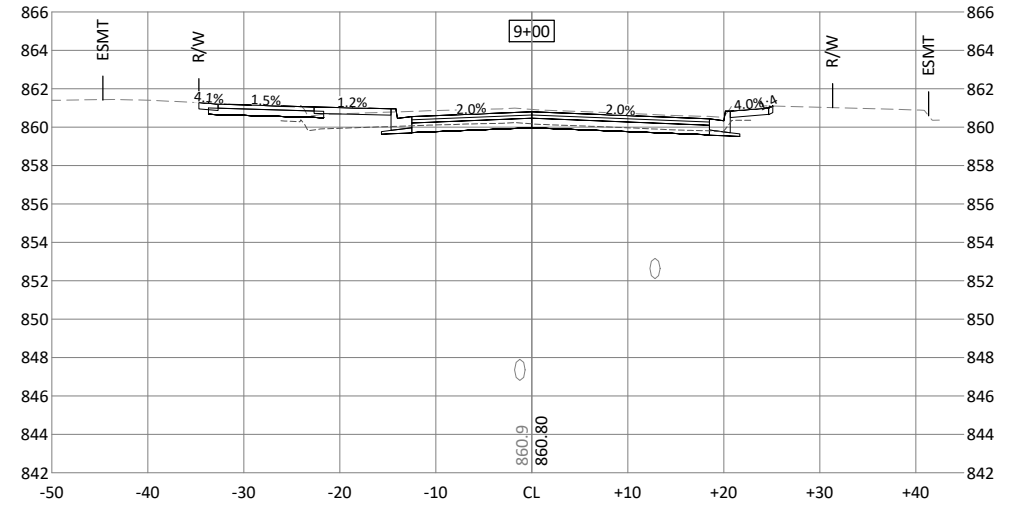
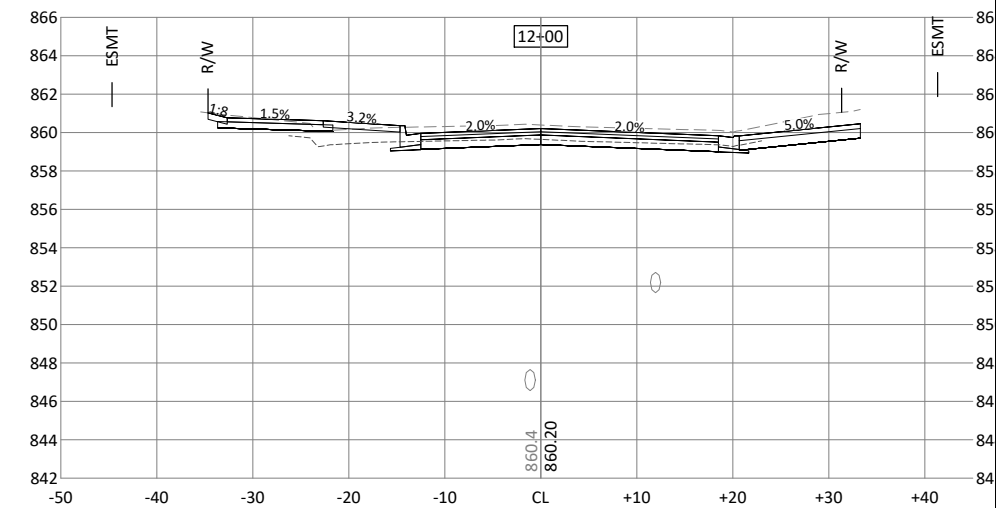
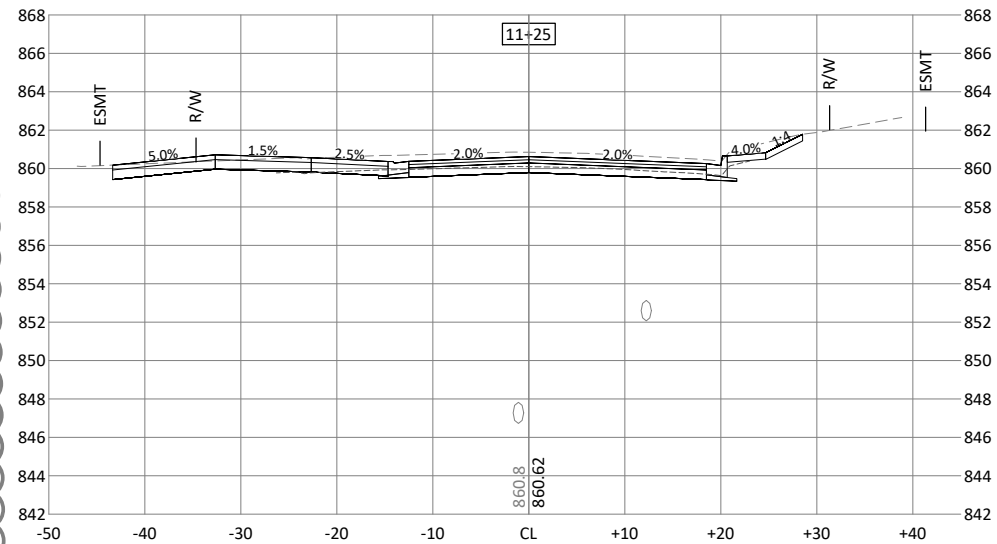
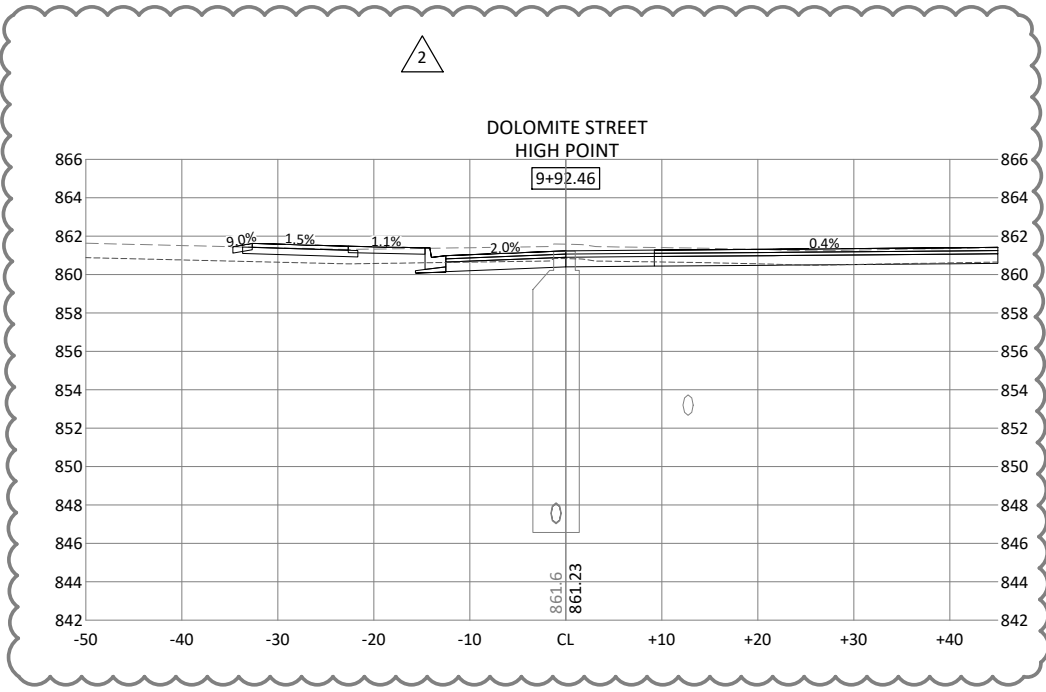


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CITY OF RAMSEY, MINNESOTA  
RIVERDALE DRIVE IMPROVEMENTS, S.A.P. 199-108-004  
STREET SIGNAGE & STRIPING PLAN



APPROXIMATE BOTTOM OF RECLAIMED MATERIAL. COMMON EXCAVATION REQUIRED TO BOTTOM OF DESIGN SECTION (TYP).

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

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CITY OF RAMSEY, MINNESOTA

RIVERDALE DRIVE IMPROVEMENTS, S.A.P. 199-108-004

CROSS SECTIONS

SHEET 40 OF 48

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