

Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

## DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

REVISED 10/9/19; 10

PUBLIC IMPROVEMENT PROJECT APPROVED

APRIL 10, 2018

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

*[Signature]* 8/22/19  
City Engineer Date

### INDEX OF SHEETS

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SHEET NO.	PI-P2	STREET PLAN AND PROFILES
SHEET NO.	L1	LANDSCAPING PLAN
SHEET NO.	U1	UTILITIES PLAN
SHEET NO.	XI-X3	CROSS SECTIONS
SHEET NO.	C400	UTILITY PLAN; SANITARY & WATER

## 2147 - 2201 RIMROCK ROAD

CITY PROJECT NO. 11919

CITY CONTRACT NO. 8167

MUNIS NO. 11919

STREET GEOMETRY & PAVEMENT MARKINGS DESIGNED BY:



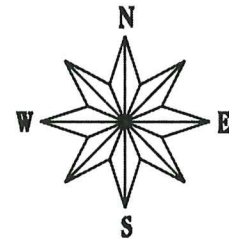
STREET GRADES DESIGNED BY:



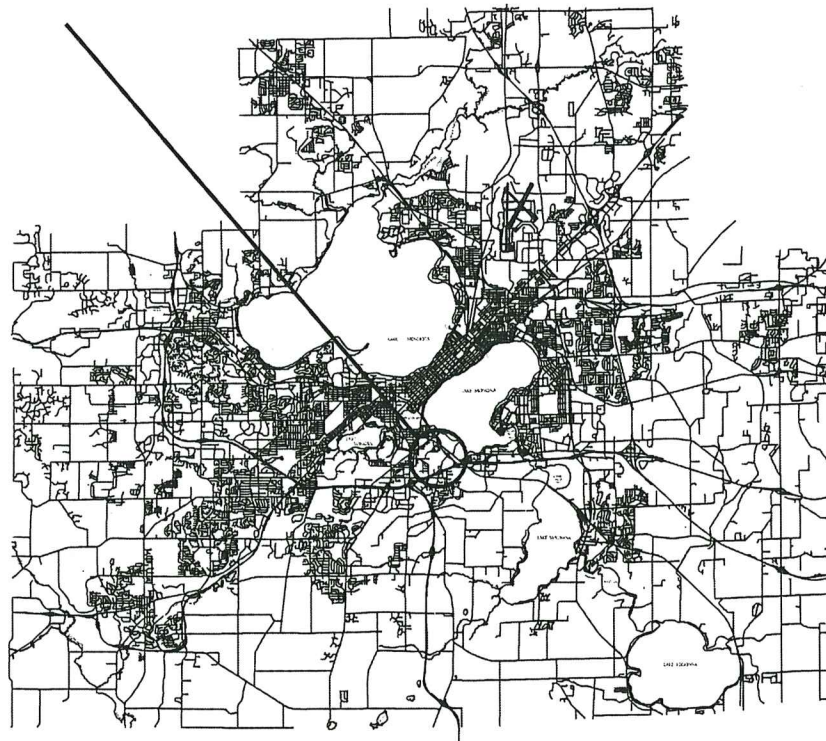
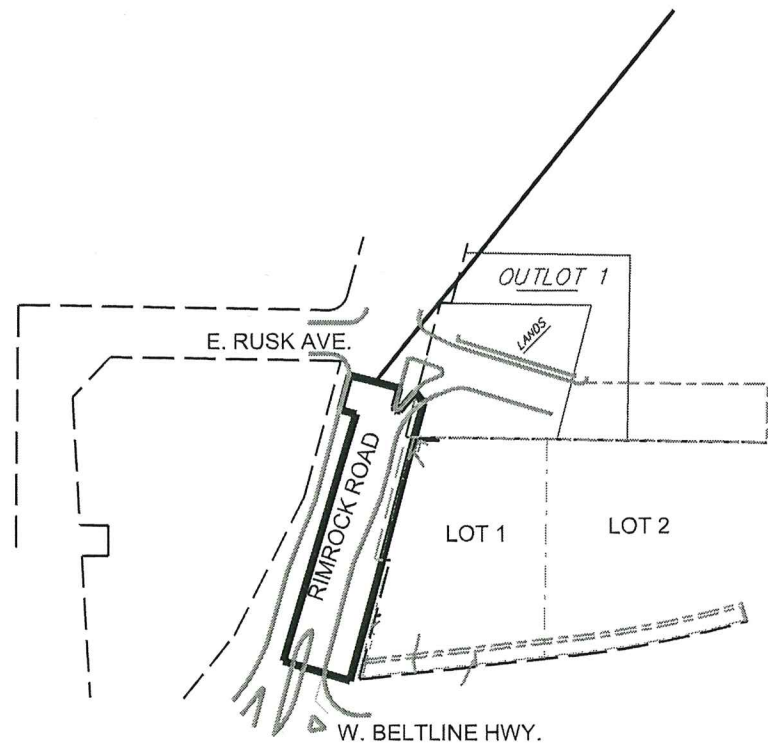
ELECTRICAL DESIGNED BY:



STORM SEWER DESIGNED BY:



### PROJECT LOCATION



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: DE MADISON, STREETS DIVISION

ORIGINATOR:

THE LOCATION AND INFORMATION FOR PROPOSED NEW TREES, IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY. THE LOCATIONS, SPECIFICATIONS AND PLANTING METHODS OF ALL PROPOSED NEW OR REPLACEMENT TREES IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE APPROVED BY THE CITY FORESTER PRIOR TO INSTALLATION.

NO TREES IN THE RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE TRIMMED, PRUNED, REMOVED OR ADVERSELY AFFECTED IN ANY WAY UNTIL THE DEVELOPER HAS RECEIVED WRITTEN PERMISSION FROM THE CITY ENGINEER OR CITY FORESTER. SAID WRITTEN PERMISSION SHALL INCLUDE LANGUAGE INDICATING THAT SECTION 10.101 OF THE MADISON GENERAL ORDINANCES AND ADMINISTRATIVE PROCEDURE MEMORANDUM NO. 6-2, REFERRING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

DEVELOPER MUST SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 14 DAYS PRIOR TO THE START OF WORK. WORK SHALL NOT PROCEED UNTIL AN APPROVED TRAFFIC CONTROL PLAN IS IN PLACE

ALL PAVEMENT IN THE RIMROCK ROAD RIGHT-OF-WAY SHALL BE TYPE C PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

UNDERDRAINS SHALL BE INSTALLED, PER STANDARD DETAIL DRAWING 4.05 FOR 75' ON EACH SIDE OF THE LOW POINT, OR TO THE NEAREST CURB HIGH POINT. ALL UNDERDRAIN SHALL BE WRAPPED.

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADES OF 0.5% TOWARD STORM SEWER INLETS.

ALL DITCHES SHALL DRAIN WITH A MINIMUM GRADES OF 0.5%

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL TYPICALLY BE 1.5%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 3.03. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4.00:1. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

OBTAIN A PRINT OUT OF THE ALIGNMENT FROM THE CITY ENGINEER PRIOR TO STAKING THIS PROJECT.

CURB STATION AND OFFSETS SHALL BE TO THE FACE OF CURB UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE TOP OF CURB (OR EXTENDED TOP OF CURB FOR DRIVEWAYS OR RAMPS) UNLESS OTHERWISE INDICATED.

POWER POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK.

ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.

THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.



ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.

CURB ON CUL DE SACS SHALL BE INSTALLED ACCORDING TO SDD 3.05.

ALL WORK IN THE RIGHT OF WAY AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

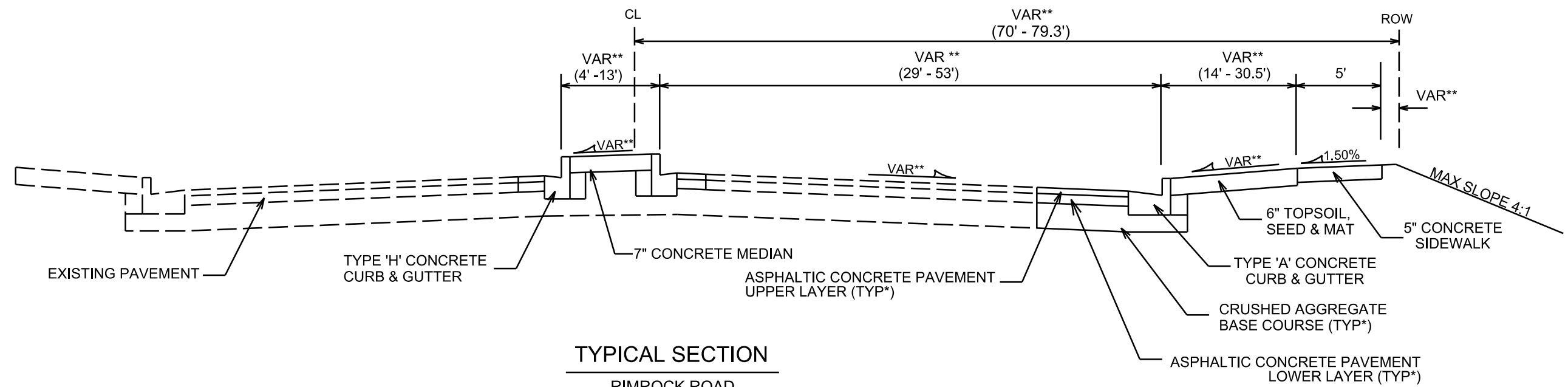
CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	—— G ——
STORM SEWER	—— ST ——
SANITARY SEWER	—— SAN ——
WATER	—— W ——
OVERHEAD ELECTRIC	—— OH ——
POWER POLE	⊕
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



**TYPICAL SECTION**

RIMROCK ROAD  
STA 101+20 - 103+78  
NOT TO SCALE

† CITY OF MADISON MINIMUM PAVEMENT DESIGN

TYPE	CRUSHED AGGREGATE BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER		UPPER LAYER	
			TYPE	THICKNESS	TYPE	THICKNESS
A	6"	6"	4 LT 58-28 S	1.75"	4 LT 58-28 S	1.75"
B	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S	2.00"
C	6"	6"	3 MT 58-28 S/H	3.50"	4 MT 58-28 S/H	2.00"

NOTES:

\* RIMROCK ROAD SHALL BE CONSTRUCTED AS TYPE 'C' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN †

\*\* SEE PLANS AND CROSS SECTIONS FOR DETAILS AND DIMENSIONS

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





SCALE: 1" = 50'

HH 1	STA 101+44.0	OFFSET 36.4' RT
HH 2	STA 102+92.7	OFFSET 51.3' RT
PVC 2 CONDUIT SCHEDULE 40		270 L.F.
PVC 2 CONDUIT SCHEDULE 80		50 L.F.

PROJECT 11919		SHEET NO. E-1
ELECTRICAL PLANS		
RIMROCK - RUSK	CITY OF MADISON	
JLS 8/20/19		

INSTALL TYPE I HANDHOLE.  
CONNECT NEW 2" PVC CONDUIT  
TO EXISTING CITY ELECTRICAL  
CONDUIT.

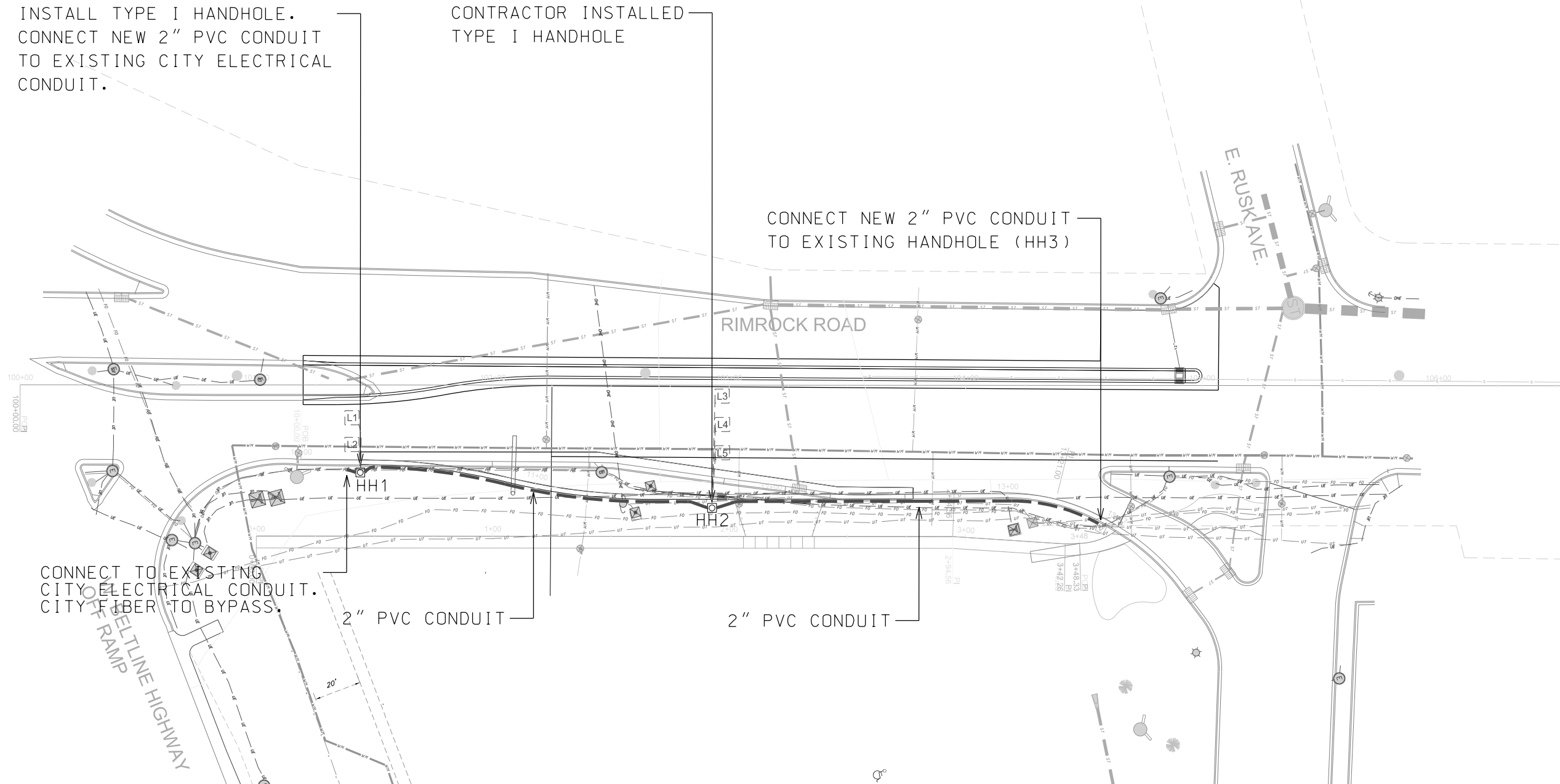
CONTRACTOR INSTALLED  
TYPE I HANDHOLE

CONNECT NEW 2" PVC CONDUIT  
TO EXISTING HANDHOLE (HH3)

CONNECT TO EXISTING  
CITY ELECTRICAL CONDUIT.  
CITY FIBER TO BYPASS.

2" PVC CONDUIT

2" PVC CONDUIT



**ELECTRICAL NOTES:**

1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY JERRY SCHIPPA (608 267-1969) CITY TRAFFIC ENGINEER, AT LEAST 24-HOURS IN ADVANCE OF NEEDING CONDUIT OR BASE LOCATIONS MARKED.
2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2019 EDITION" AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE 2" PVC, SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
3. THE CONTRACTOR SHALL NOTIFY TROY VANT (608 266-9031) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF INSTALLING HANDHOLES AND BURYING CONDUITS TO ARRANGE FOR INSPECTION.
4. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
5. CONTRACTOR SHALL NOTIFY TROY VANT 48-HOURS IN ADVANCE OF MILL AND OVERLAY OPERATIONS TO SCHEDULE INSTALLATION OF NEW LOOP DETECTORS PRIOR TO REPAVING.
6. THE CONTRACTOR SHALL MAINTAIN EXISTING FIBER OPTIC CONDUIT.
7. CITY OF MADISON SHALL CUT IN NEW LOOP DETECTORS L1 TO L5 AND CONNECT TO HH1 AND HH2 AFTOR CONTRACTOR HAS INSTALLED CONDUITS, HANDHOLES, AND PAVEMENT.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



ALL PAVEMENT MARKINGS  
TO BE EPOXY

Rusk Avenue

Rimrock Road

4" White - 10' Line X 30' Gap

225' Match to Existing

Match to Existing

4" White - 10' Line X 30' Gap

ONLY

4" White

24" Stop Bar

4" White

18'

ONLY

Dimensions taken from  
Face of Curb

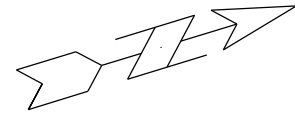
Traffic Signal

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



SCALE 1" = 40'

LOT 1, BLOCK 2  
W.H. JACOBS &  
E.S. BARKER'S SUBDIVISION

LOT 2  
C.S.M. NO. 2940

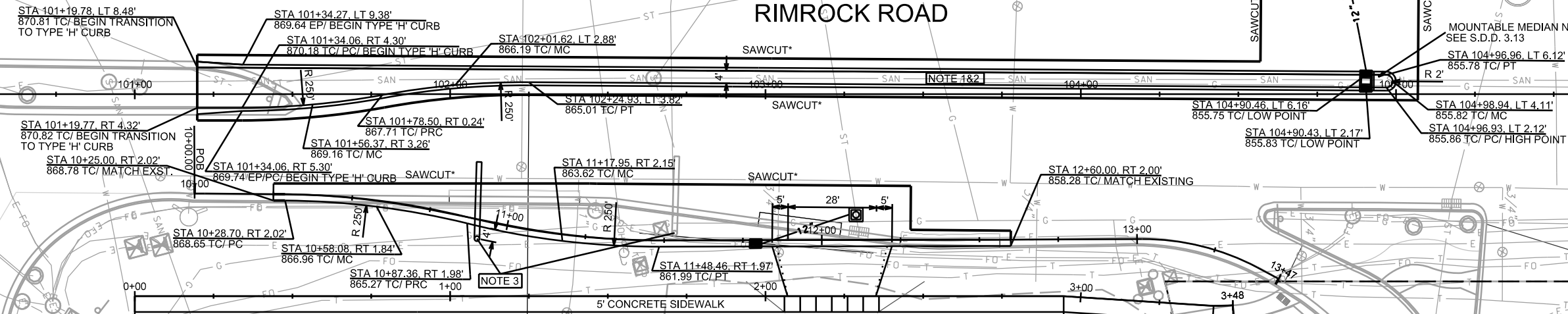
LOT 1  
C.S.M. NO. 9671

RIMROCK ROAD

E. RUSK AVE.

W. BELTLINE HIGHWAY  
OFF RAMP

LANDS



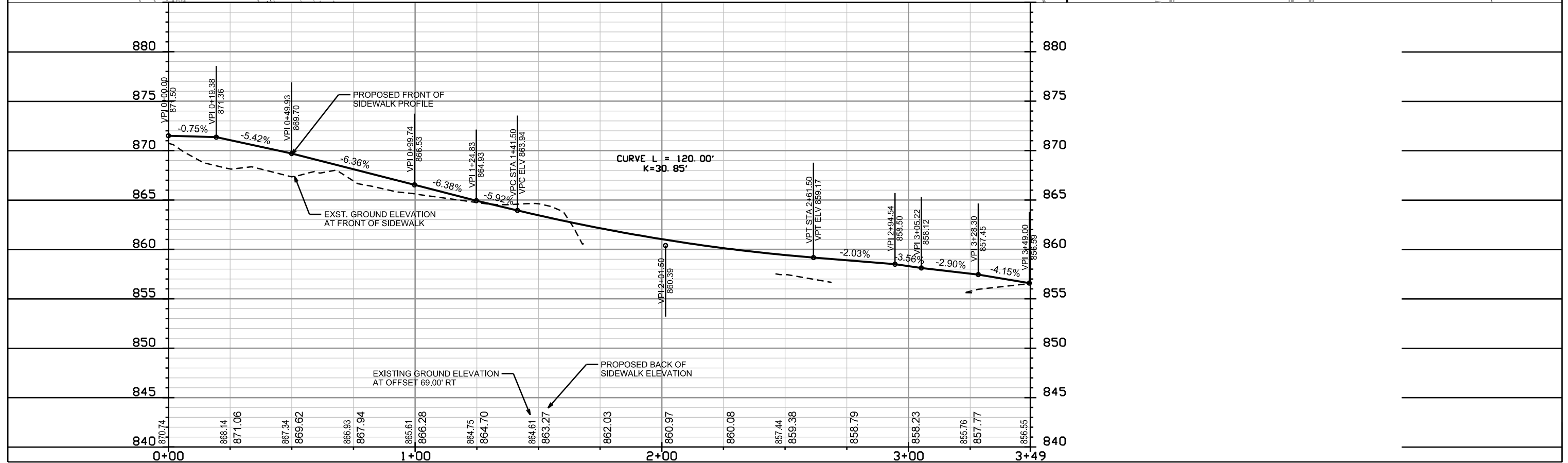
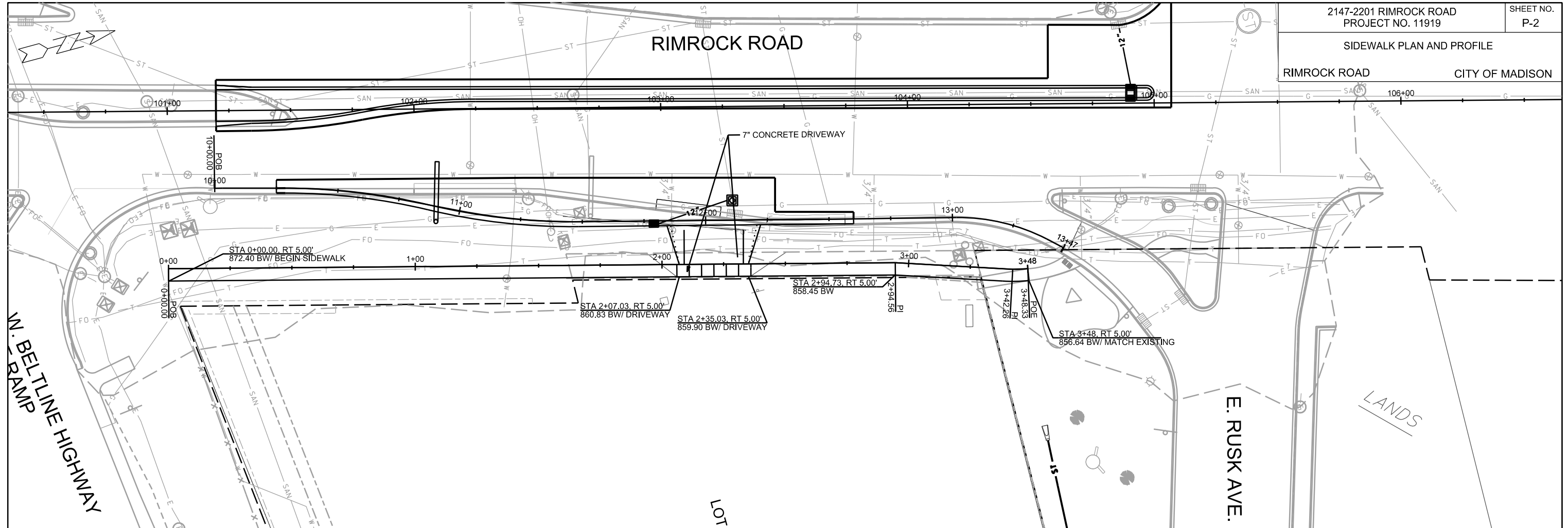
- NOTES
1. 7" CONCRETE MEDIAN.
  2. TYPE 'H' CURB AND GUTTER, SEE S.D.D. 3.08.
  3. RELOCATE AEC POLE TO STA 102+08.53, RT 45.77 FROM CENTERLINE ALIGNMENT.
- \* MILL & OVERLAY LIMITS TO BE DETERMINED BY CONSTRUCTION ENGINEER.

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

LANDSCAPING PLAN

RIMROCK ROAD

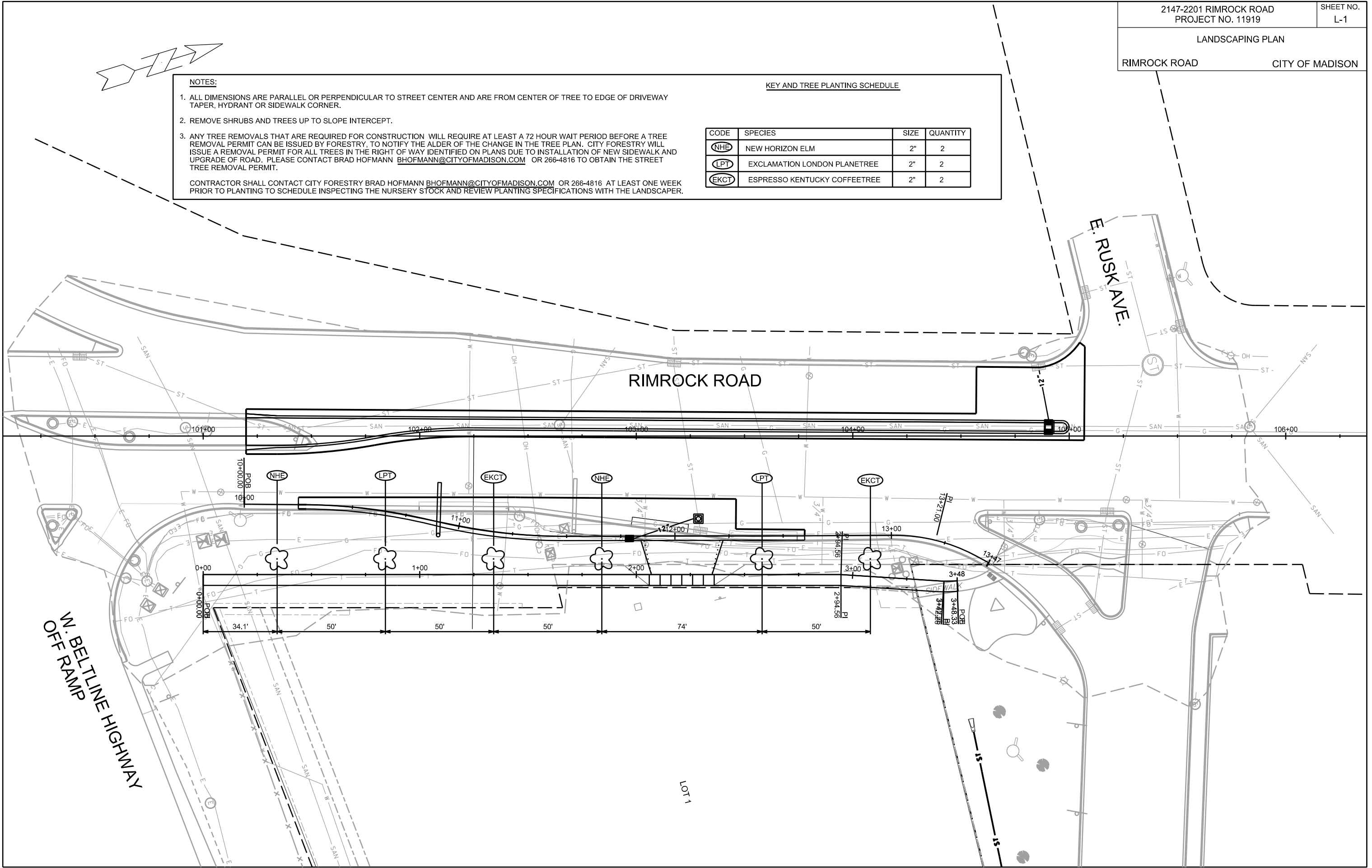
CITY OF MADISON

NOTES:

1. ALL DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO STREET CENTER AND ARE FROM CENTER OF TREE TO EDGE OF DRIVEWAY TAPER, HYDRANT OR SIDEWALK CORNER.
  2. REMOVE SHRUBS AND TREES UP TO SLOPE INTERCEPT.
  3. ANY TREE REMOVALS THAT ARE REQUIRED FOR CONSTRUCTION WILL REQUIRE AT LEAST A 72 HOUR WAIT PERIOD BEFORE A TREE REMOVAL PERMIT CAN BE ISSUED BY FORESTRY. TO NOTIFY THE ALDER OF THE CHANGE IN THE TREE PLAN. CITY FORESTRY WILL ISSUE A REMOVAL PERMIT FOR ALL TREES IN THE RIGHT OF WAY IDENTIFIED ON PLANS DUE TO INSTALLATION OF NEW SIDEWALK AND UPGRADE OF ROAD. PLEASE CONTACT BRAD HOFMANN [BHOFFMANN@CITYOFMADISON.COM](mailto:BHOFFMANN@CITYOFMADISON.COM) OR 266-4816 TO OBTAIN THE STREET TREE REMOVAL PERMIT.
- CONTRACTOR SHALL CONTACT CITY FORESTRY BRAD HOFMANN [BHOFFMANN@CITYOFMADISON.COM](mailto:BHOFFMANN@CITYOFMADISON.COM) OR 266-4816 AT LEAST ONE WEEK PRIOR TO PLANTING TO SCHEDULE INSPECTING THE NURSERY STOCK AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPER.

KEY AND TREE PLANTING SCHEDULE

CODE	SPECIES	SIZE	QUANTITY
(NHE)	NEW HORIZON ELM	2"	2
(LPT)	EXCLAMATION LONDON PLANETREE	2"	2
(EKCT)	ESPRESSO KENTUCKY COFFEETREE	2"	2



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

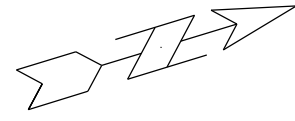
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STORM SEWER PLAN & PRIVATE  
UTILITY LOCATION

RIMROCK ROAD CITY OF MADISON



SCALE 1" = 40'

LOT 1, BLOCK 2  
W.H. JACOBS &  
E.S. BARKER'S SUBDIVISION

LOT 2  
C.S.M. NO. 2940

LOT 1  
C.S.M. NO. 9671

E. RUSK AVE.

RIMROCK ROAD

EXISTING INLET  
ID - TO 5263-030 \*  
TC = 854.96  
EI (S) = 851.36 (EX. 18" RCP)  
EI (N) = 851.36 (EX. 18" RCP)  
EI (E) = 851.36 (PR. 12" RCP)

NOTE 1  
PROPOSED 24" - 12" RCP STORM  
@ 3.56% TAP EXISTING STRUCTURE  
PER ARTICLE 507.3(D)  
IE @ EX. INLET = 851.36

4'x6' FIELD POUR SAS WITH 2 CASTINGS  
EI = 852.19  
WEST CASTING R-3067-7004  
STA 104+90.46, LT 4.16'  
TC = 855.75  
EAST CASTING R-3067-7004  
STA 104+90.46, LT 2.16'  
TC = 855.83  
SEE S.D.D. 5.7.27

PROPOSED 3x2' TYPE H  
INLET  
STA 102+96.90, RT 48.34'  
TC = 860.62  
IE = 857.08

PROPOSED 3x3' SAS  
FIELD POUR WITH 4" CASTING  
STA 103+28.72, RT 38.18'  
RIM = 859.19  
EI (W) = 856.76 (EX. 12" RCP)  
EI (S) = 856.92 (PR. 12" RCP)

STA 103+93.82, RT 49.08'  
PROP PVMT: 857.47  
EXST TERRACE: 857.80  
UTIL. DEPTH: 1.86' ELEC/ MG&E  
STA 103+93.99, RT 51.56'  
PROP CURB: 857.89  
EXST TERRACE: 857.54  
UTIL. DEPTH: 2.24' COMM/ CITY

STA 101+85.39, RT 35.83'  
PROP PVMT: 866.13  
EXST TERRACE: 866.45  
UTIL. DEPTH: 1.27' COMM

STA 101+84.48, RT 46.84'  
PROP TERRACE: 866.62  
EXST TERRACE: 866.44  
UTIL. DEPTH: 3.67' GAS

STA 101+84.55, RT 48.96'  
PROP TERRACE: 866.70  
EXST TERRACE: 866.42  
UTIL. DEPTH: 2.66' ELEC

STA 101+84.56, RT 51.02'  
PROP TERRACE: 866.77  
EXST TERRACE: 866.44  
UTIL. DEPTH: 4.40' COMM

STA 102+60.02, RT 44.04'  
PROP PVMT: 862.02  
EXST TERRACE: 863.10  
UTIL. DEPTH: 0.35' COMM

STA 102+60.24, RT 46.84'  
PROP PVMT: 861.96  
EXST TERRACE: 863.13  
UTIL. DEPTH: 1.64' ELEC

STA 102+60.48, RT 48.18'  
PROP PVMT: 861.89  
EXST TERRACE: 863.07  
UTIL. DEPTH: 1.40' ELEC/MG&E

STA 102+66.43, RT 60.36'  
PROP TERRACE: 862.36  
EXST TERRACE: 861.15  
UTIL. DEPTH: 5.02' FO

STA 102+67.77, RT 55.54'  
PROP TERRACE: 862.12  
EXST TERRACE: 861.47  
UTIL. DEPTH: 3.60' COMM/ AT&T

PROPOSED 29" - 12" RCP  
STORM @ 0.50%

STA 103+34.38, RT 47.96'  
PROP PVMT: 858.89  
EXST TERRACE: 859.23  
UTIL. DEPTH: 2.12' ELEC/ MG&E

REMOVE EXISTING INLET  
ID - TO 5263-033 \*

STA 103+34.23, RT 50.34'  
PROP DRIVEWAY: 859.27  
EXST TERRACE: 859.12  
UTIL. DEPTH: 1.75' COMM/ CITY

STA 103+34.65, RT 53.49'  
PROP DRIVEWAY: 859.37  
EXST TERRACE: 868.77  
UTIL. DEPTH: 4.67' COMM/ AT&T

STA 103+33.96, RT 58.02'  
PROP DRIVEWAY: 859.57  
EXST TERRACE: 858.28  
UTIL. DEPTH: 5.07' FO

STA 103+94.48, RT 57.24'  
PROP TERRACE: 858.09  
EXST TERRACE: 856.69  
UTIL. DEPTH: 5.75' FO

NOTES  
1. ULO REQUIRED FOR EXISTING GAS UTILITY.  
2. REMOVE EXISTING 12" RCP  
3. REMOVE EXISTING INLET, ID - TO5263-033  
\* - TOWN OF MADISON STORM STRUCTURE.

W. BELTLINE HIGHWAY  
OFF RAMP

LANDS

PLOT SCALE:

PLOT NAME:

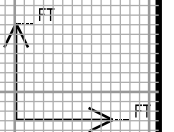
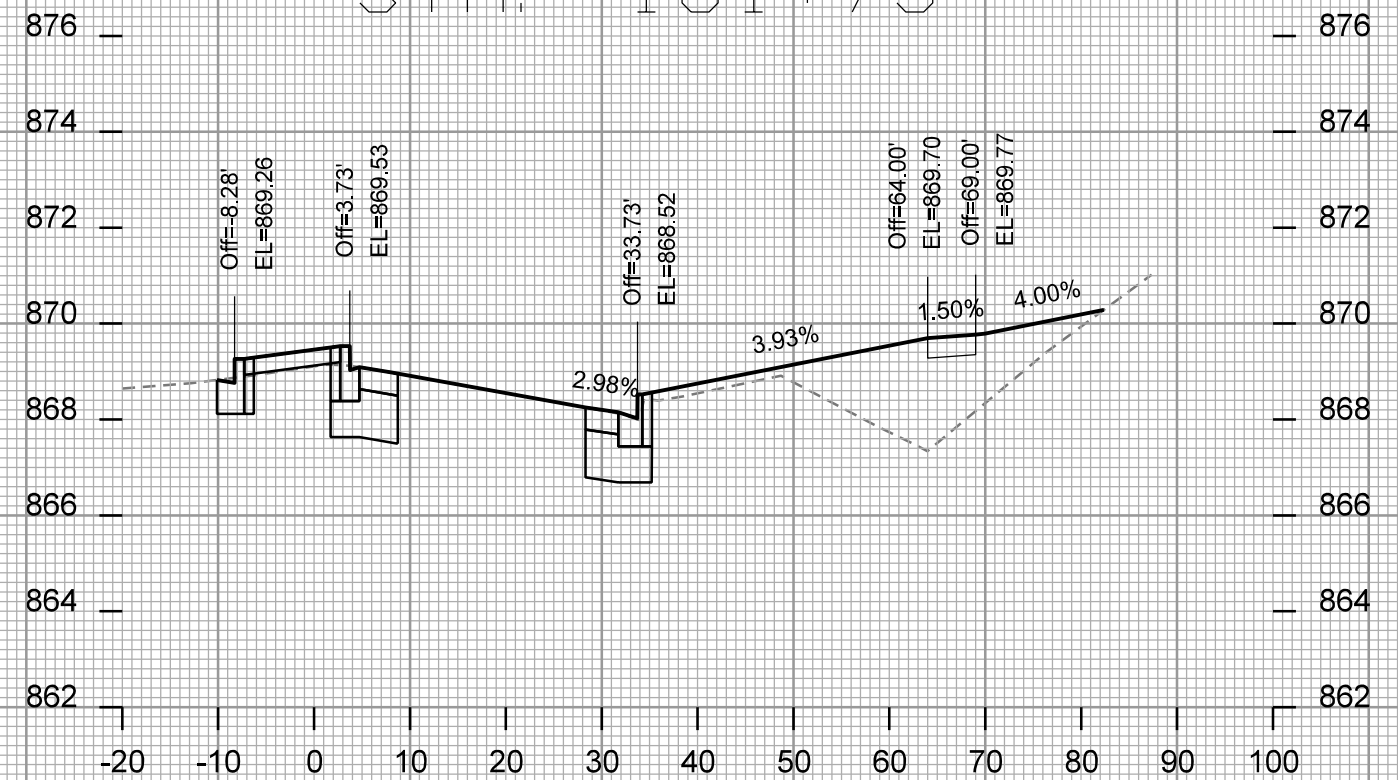
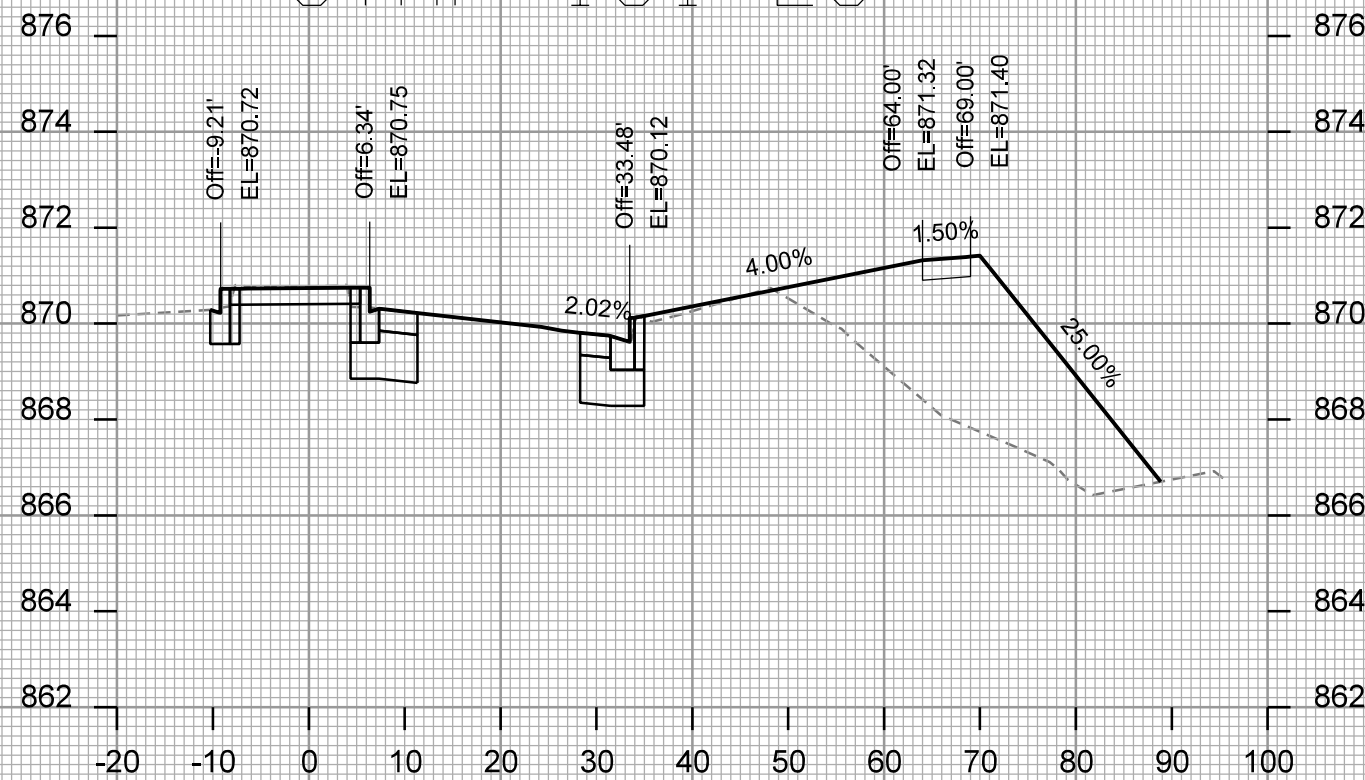
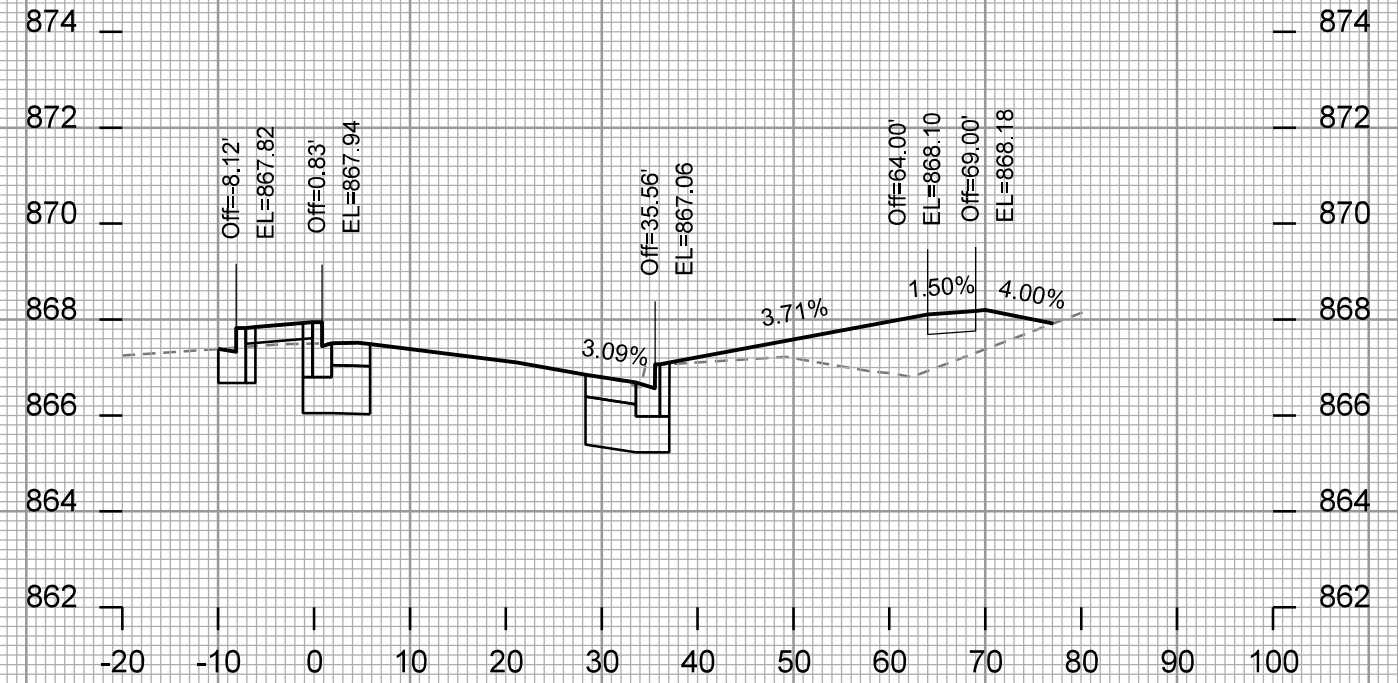
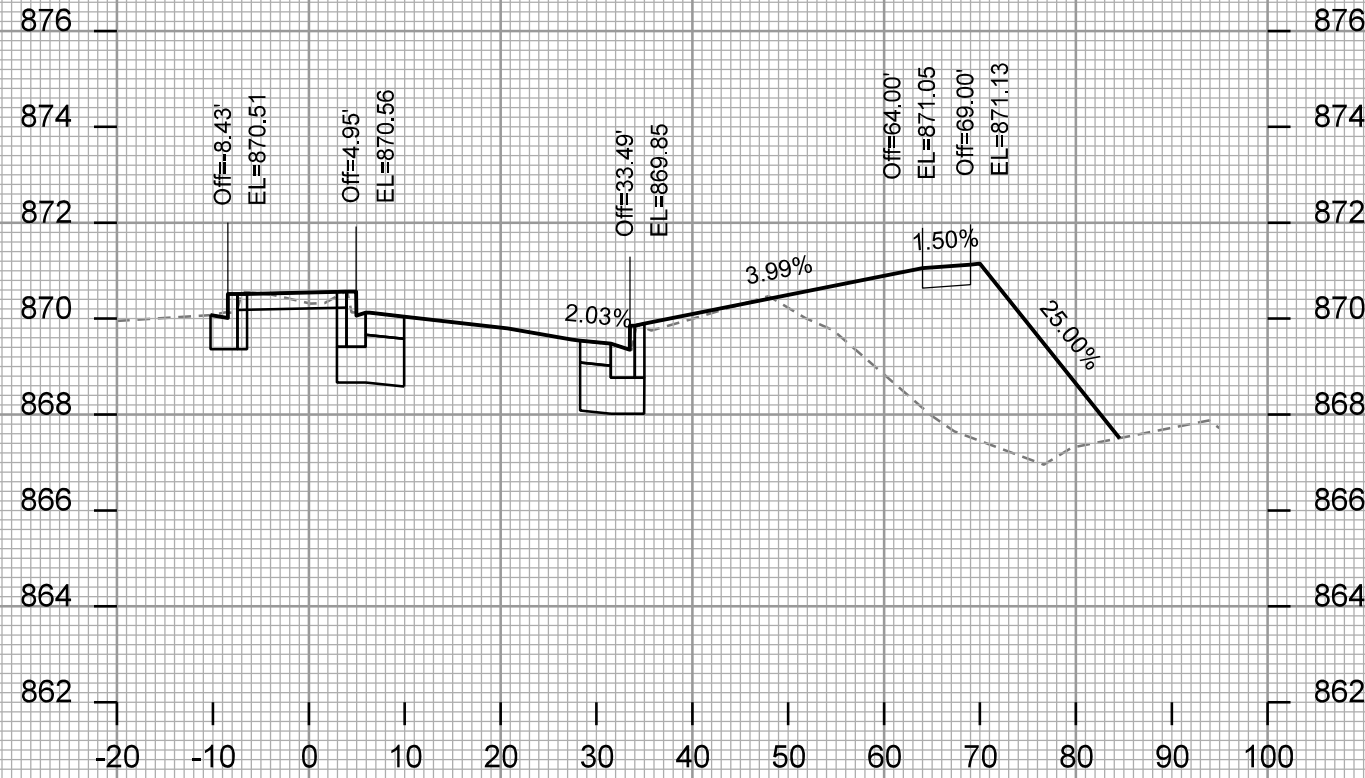
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

RIMROCK ROAD

CITY OF MADISON



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

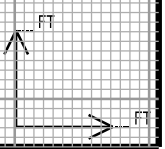
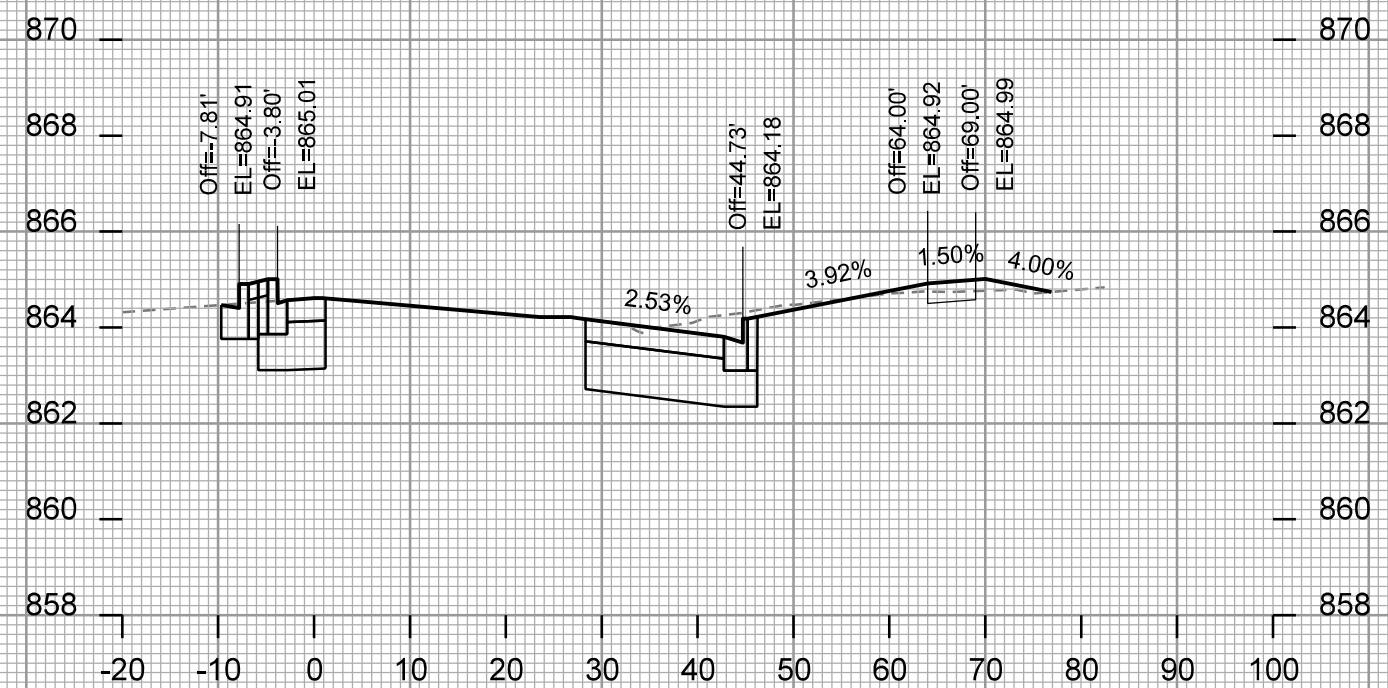
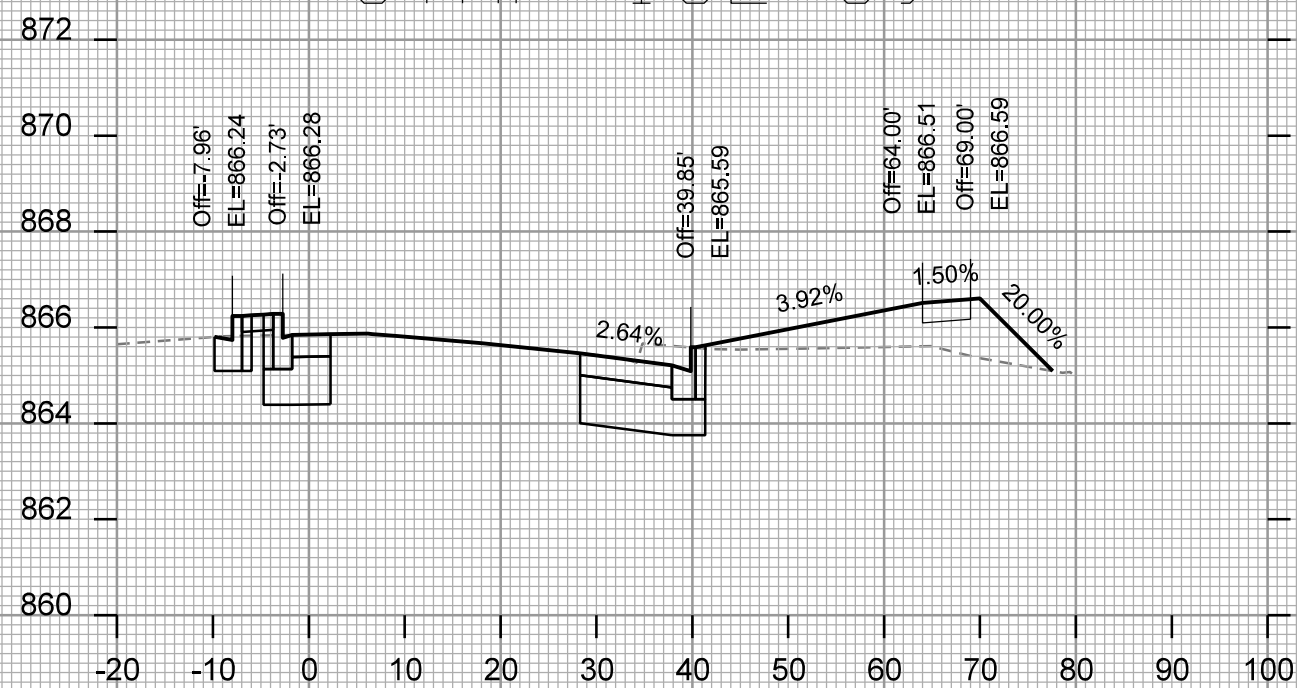
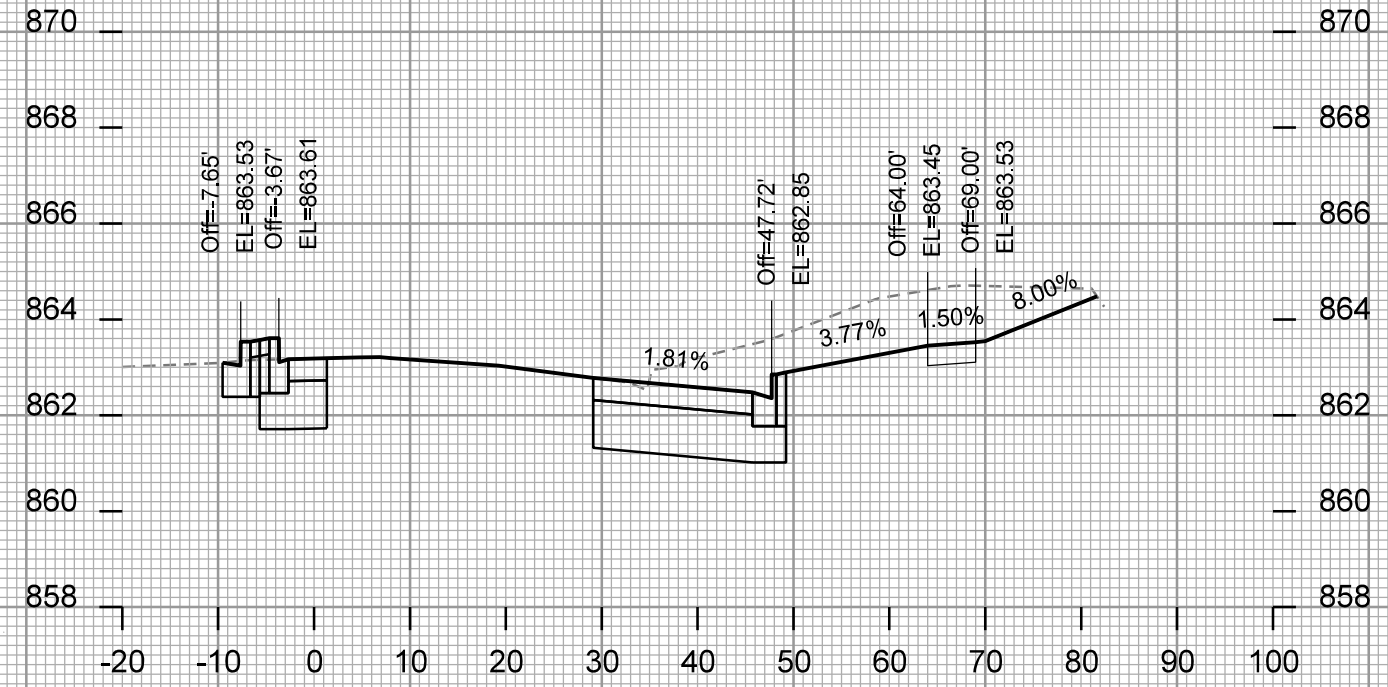
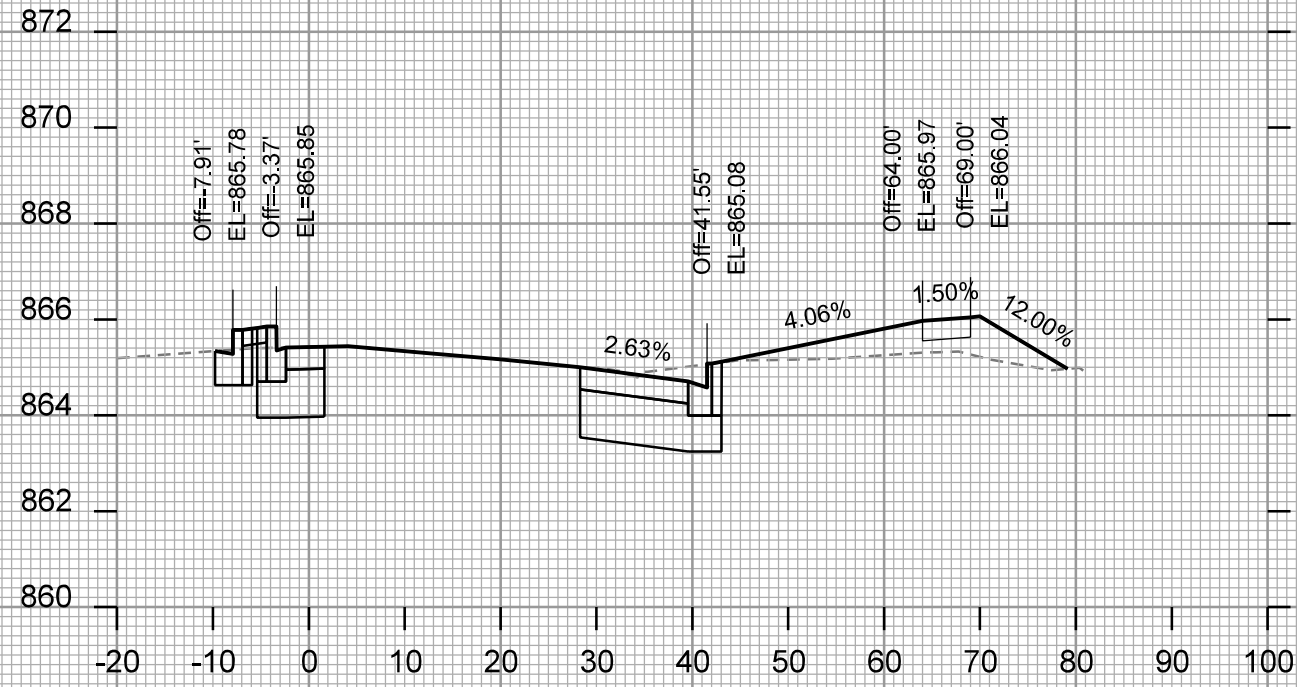
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CROSS SECTIONS

RIMROCK ROAD

CITY OF MADISON



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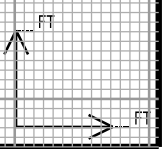
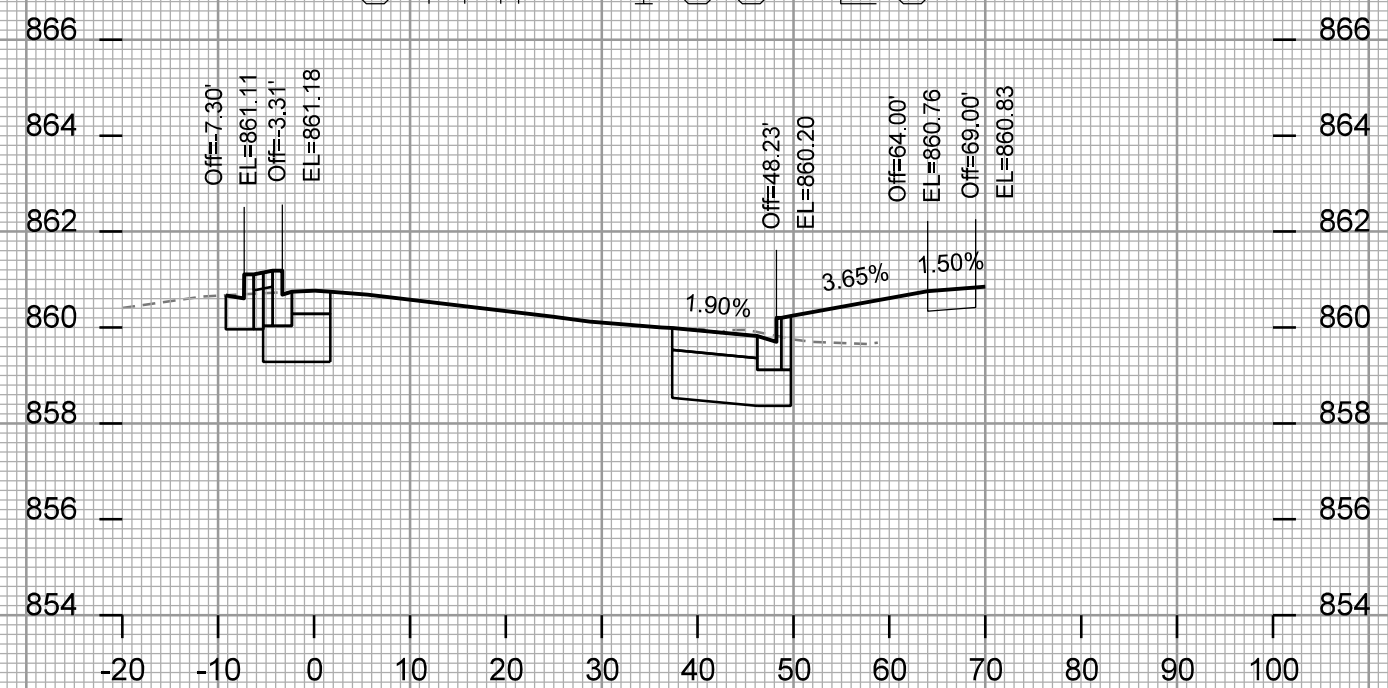
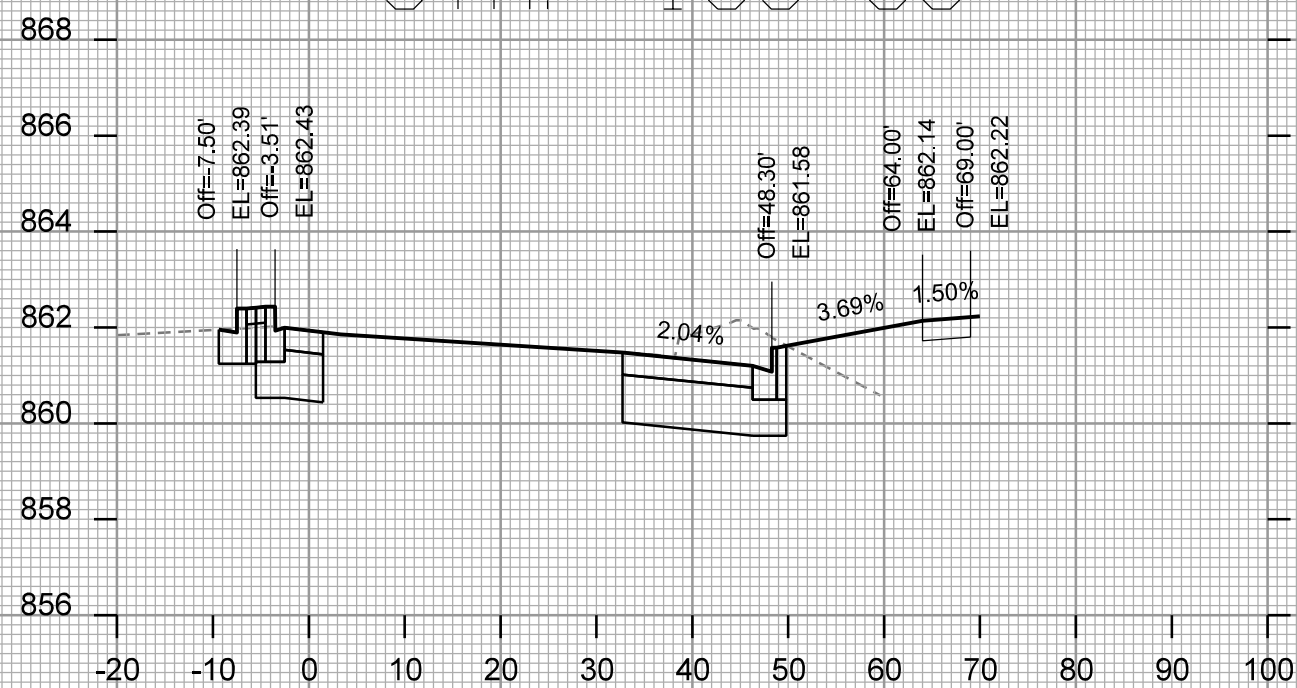
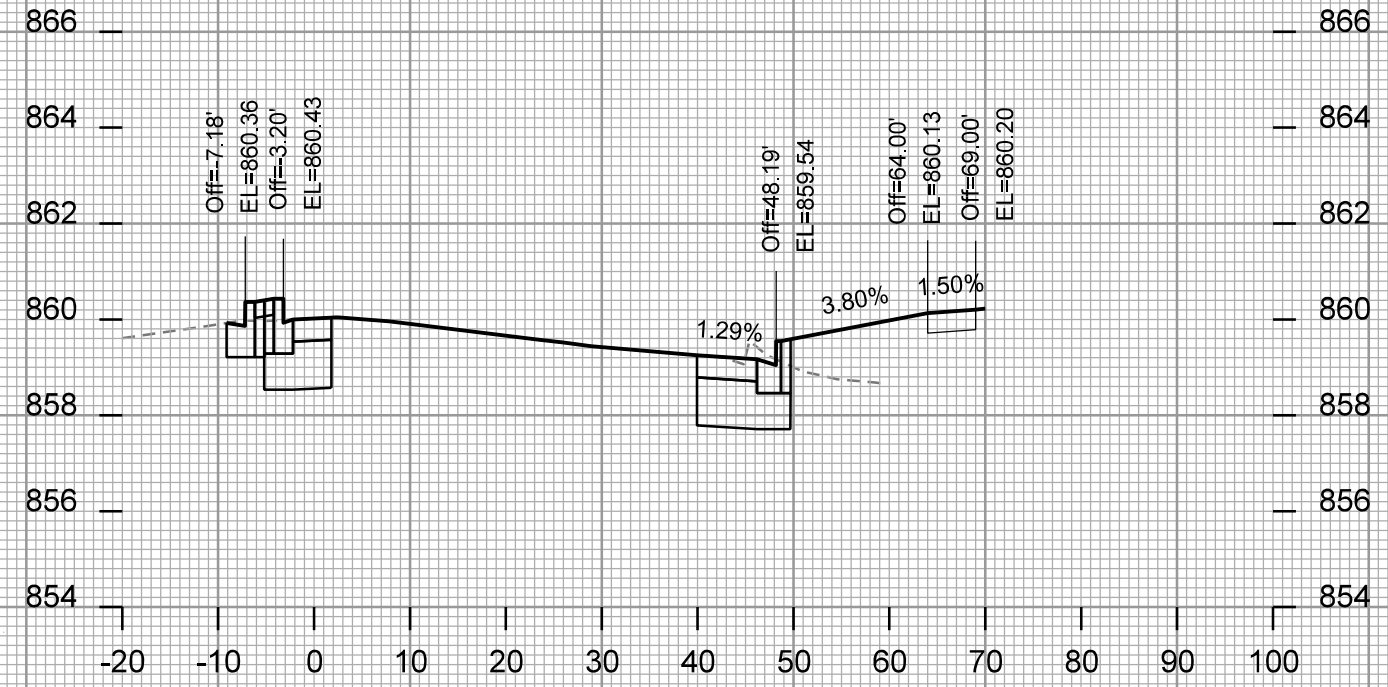
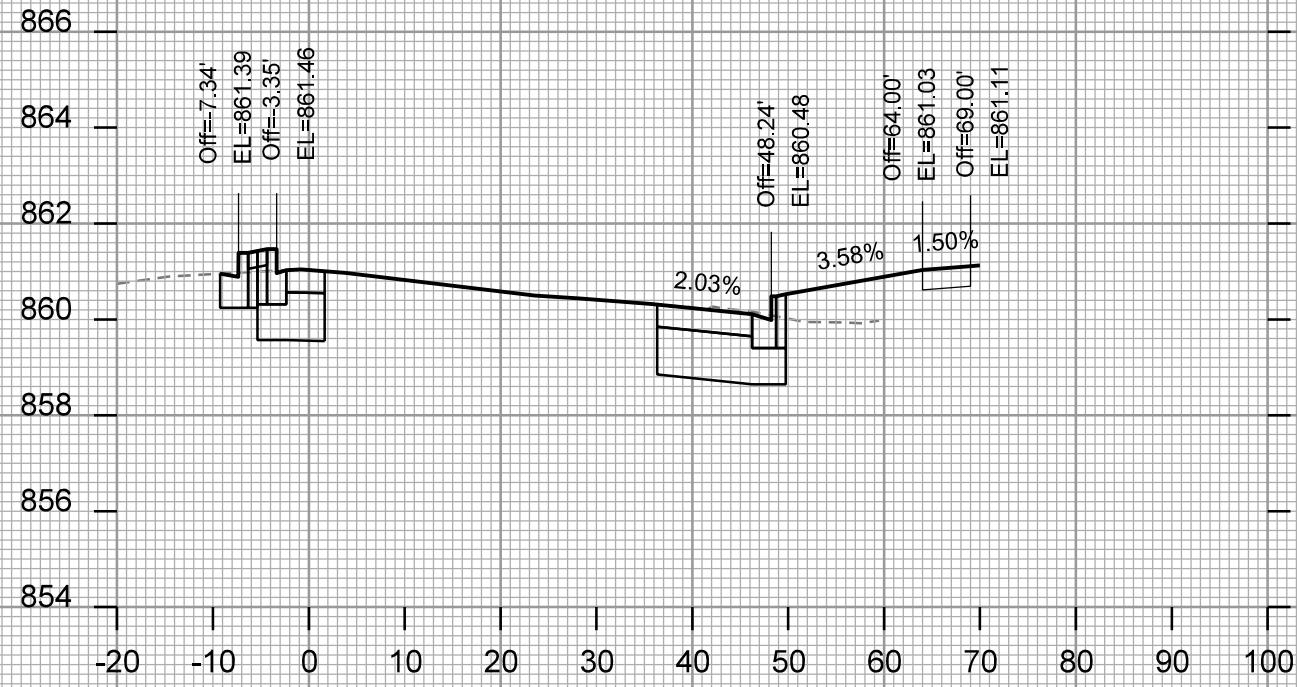
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS

RIMROCK ROAD

CITY OF MADISON



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



**vierbicher**  
planners | engineers | architects

Phone: (800) 261-3898

**PROJECT:** RIMROCK RETAIL  
2161, 2167 & 2168 RIMROCK ROAD  
MADISON, WI 53713  
**CLIENT:** RIMROCK RETAIL INVESTORS, LLC  
C/O NORTH CENTRAL GROUP  
1600 ASPEN COMMONS, SUITE 200  
MIDDLETON, WI 54662

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**PROJECT:** 201732.1  
**DRAWN BY:** JGOL  
**DATE:**  
**SCALE:** AS NOTED

**CITY SUBMITAL:** 04-10-2019  
**CITY COMMENTS:** 07-23-2019  
**CITY COMMENTS:** 08-30-2019  
**CITY SUBMITAL #2:** 10-07-2019

**UTILITY PLAN**

**C400**

**UTILITY NOTES:**

- CONTRACTOR TO VERIFY EXISTING UTILITY LOCATIONS AND ELEVATIONS PRIOR TO STARTING WORK.
- SANITARY & STORM SEWER LENGTHS SHOWN ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. STORM SEWER END SECTIONS ARE INCLUDED IN THE LENGTH AND SLOPE OF THE PIPE.
- CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
- CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT-OF-WAY, EXCAVATION, UTILITY CONNECTION, PLUGGING, ABANDONMENT, AND DRIVEWAY CONNECTION PERMITS PRIOR TO CONSTRUCTION.
- FOR ALL SEWER AND WATER MAIN CROSSINGS: PROVIDE MINIMUM 18" SEPARATION WHEN WATER MAIN CROSSES BELOW SEWER AND MINIMUM 6" SEPARATION WHEN WATER MAIN CROSSES ABOVE SEWER.
- IF DEWATERING OPERATIONS EXCEED 70 GALLONS PER MINUTE OF PUMPING CAPACITY, A DEWATERING WELL PERMIT SHALL BE OBTAINED FROM THE DNR PRIOR TO STARTING ANY DEWATERING ACTIVITIES.
- A COPY OF THE APPROVED UTILITY PLANS, SPECIFICATIONS AND PLUMBING PERMIT APPROVAL LETTER SHALL BE ON-SITE DURING CONSTRUCTION AND OPEN TO INSPECTION BY AUTHORIZED REPRESENTATIVES OF THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES AND OTHER LOCAL INSPECTORS.
- STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-6 OF SPS 384.30(3)(c).
- PRIVATE WATER SERVICES AND PRIVATE WATER MAINS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-7 OF SPS 384.30(4)(d).
- PRIVATE SANITARY SEWER AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 - SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-3 OF SPS 384.30(2)(c).
- A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER SPS 382.10(11)(h) AND SPS 382.40(8)(k).
- EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS 382.40(8)(b).
- NO PERSON MAY ENGAGE IN PLUMBING WORK IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES PER S.145.06.
- SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE, LOCATION, AND INVERT ELEVATION OF PROPOSED SANITARY AND WATER LATERALS.
- CONTRACTOR SHALL FIELD VERIFY THE SIZE, TYPE, LOCATION, AND ELEVATION OF EXISTING UTILITIES PRIOR TO INSTALLING ANY ON-SITE UTILITIES OR STRUCTURES. CONTACT ENGINEER PRIOR TO INSTALLATION IF DISCREPANCY EXISTS WITHIN THESE PLANS.
- PROPOSED UTILITY SERVICE LINES SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS. COORDINATE THE LOCATIONS WITH THE PLUMBING CONTRACTOR AND/OR OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES ENCOUNTERED AND REPLACEMENT OF ANY UTILITIES DAMAGED WITHIN INFLUENCE ZONE OF NEW CONSTRUCTION. CONTACT ENGINEER IF THE EXISTING UTILITIES VARY APPRECIABLY FROM THE PLANS.
- ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6.5' FROM TOP OF FINISHED GROUND ELEVATION TO TOP OF MAIN.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE EXISTING VALVES WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. THE CITY IS NOT RESPONSIBLE FOR ANY COSTS INCURRED DUE TO THE CONTRACTOR NOT VERIFYING THAT THE EXISTING VALVE WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. IF A NEW VALVE IS REQUIRED, THE APPLICANT WILL BE REQUIRED TO INSTALL ONE AT THEIR EXPENSE, AT THE POINT OF CONNECTION.
- CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.
- FOR WATER SERVICES AND HYDRANT LEADS, ALL MECHANICAL JOINTS TO BE RESTRAINED WITH MEGALUG 1100 OR APPROVED EQUAL. PIPE JOINTS TO BE RESTRAINED AS INDICATED WITH MEGALUG 1700 HARNESS OR APPROVED EQUAL.
- CONNECTIONS TO EXISTING WATER MAIN TO BE BY LIVE TAPPING. CONTRACTOR IS RESPONSIBLE FOR ALL CONNECTION FEES AND COSTS PAYABLE TO THE CITY OF MADISON FOR LIVE TAPPING, AND ALL OTHER WORK AND COSTS ASSOCIATED WITH LIVE TAPPING.
- NEW SANITARY MANHOLE TO BE CONSTRUCTED WITH FLAT CAP OR ECCENTRIC CONE. OPENING FOR ACCESS TO BE ROTATED SUCH THAT MANHOLE FRAME AND GRATE IS WITHIN PROPOSED PARKING AREA. CONTRACTOR TO CONFIRM THAT PROPOSED FRAME AND GRATE WILL FALL WITHIN PARKING AREA PRIOR TO CONSTRUCTING MANHOLE AND ADVISE THE CONSULTANT OF ANY DISCREPANCIES.
- ALL PUBLIC IMPROVEMENTS AND WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE COMPLETED PER THE CITY ISSUED PLANS, PROJECT NUMBER 11919.
- THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.

**PROPOSED UTILITY LEGEND**

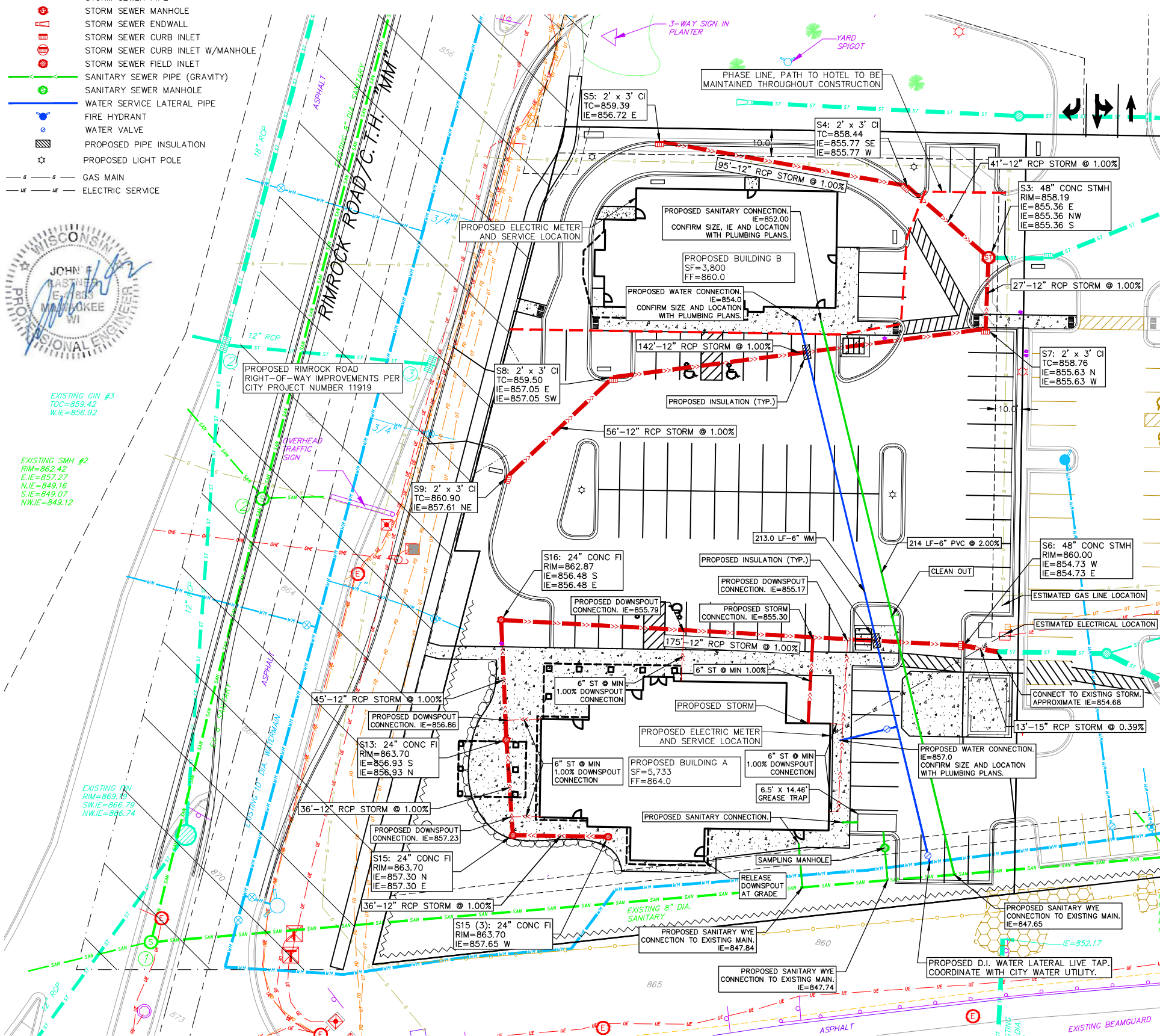
- STORM SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER ENDWALL
- STORM SEWER CURB INLET
- STORM SEWER CURB INLET W/MANHOLE
- STORM SEWER FIELD INLET
- SANITARY SEWER PIPE (GRAVITY)
- SANITARY SEWER MANHOLE
- WATER SERVICE LATERAL PIPE
- FIRE HYDRANT
- WATER VALVE
- PROPOSED PIPE INSULATION
- PROPOSED LIGHT POLE
- GAS MAIN
- ELECTRIC SERVICE



EXISTING C.I.#3  
TOC=859.42  
W.I.E=856.92

EXISTING SMH #2  
RIM=862.42  
E.I.E=857.27  
N.I.E=849.16  
S.I.E=849.07  
NW.I.E=849.12

EXISTING R.I.N  
RIM=869.19  
SW.I.E=866.79  
NW.I.E=866.74



**UTILITY PLAN**  
1"=20'

