

DRAWING LOCATION: 11-30-1910 (Rose St. Road Data) - FINAL DRAWINGS TO THE STREET - LAST SAVED BY: ASSIGNED ON: 1/12/2022

ROSE STREET PAVEMENT REPLACEMENT, ISSUED FOR 30% DESIGN, 7/30/21

City of Kalamazoo

ROSE STREET PAVEMENT REPLACEMENT

Lovell Street to Crosstown Parkway

Kalamazoo County, MICHIGAN

1/14/22

OWNER

City of Kalamazoo
415 E Stockbridge Ave.
Kalamazoo, MI 49001

PLANS PREPARED BY:



hurley & stewart, llc
2800 s. 11th street
kalamazoo, michigan 49009
269.552.4960 fax 269.552.4961
www.hurleystewart.com

UTILITY CONTACTS:

CONSUMERS ENERGY CO. MIKE SOKOLOV 2500 E. CORK STREET KALAMAZOO, MI 49001 269.337.2246	ELECTRIC
CONSUMERS ENERGY CO. KYLE OAK 2500 E. CORK STREET KALAMAZOO, MI 49001 269.337.2366	GAS
CITY OF KALAMAZOO STEVE SKALSKI/RYAN STOUGHTON 415 STOCKBRIDGE AVENUE KALAMAZOO, MI 49001 269.337.8002	WATER/SANITARY
CHARTER MARK BURKE 2919 MILLCORK ST. KALAMAZOO, MI 49001 269.384.4436	TELEPHONE/CABLE TV
COMCAST 1(800)391-3000	CABLE TV

CONTRACT FOR ROAD IMPROVEMENTS

IMPROVEMENTS TO KALAMAZOO STREET, ENGINEERING DESIGN AND CONSTRUCTION SERVICES FOR AN ONE COURSE HMA RESURFACING FOR THE PROJECT LENGTH AND SIDE STREETS, SPOT REPLACEMENT OF CURB AND GUTTER AS NECESSARY, IMPROVEMENTS TO SIDEWALK RAMP.

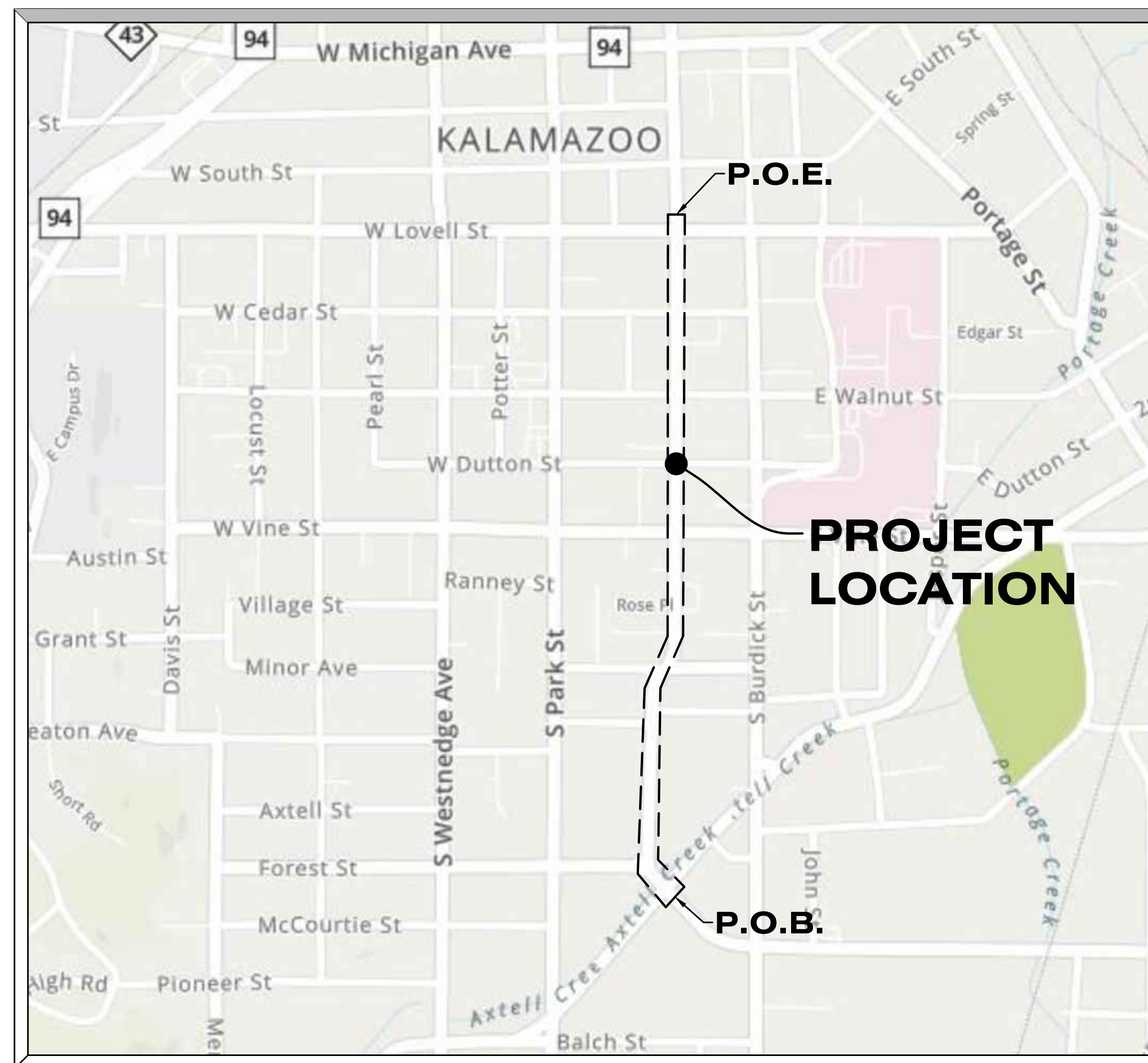


CITY OF KALAMAZOO
EAST MAIN STREET
KALAMAZOO, MI 49001

ANTHONY LADD

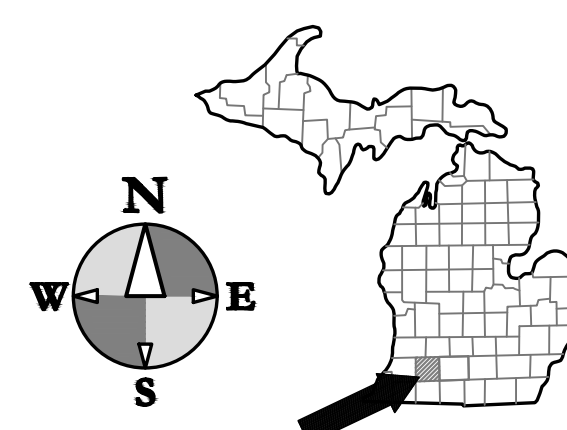
ASSISTANT CITY ENGINEER
STREETS DIVISION

DATE



SITE LOCATION MAP

SCALE: 1" = 500'



DRAWING INDEX

SHT # DESCRIPTION

- 1 - TYPICAL NOTES AND SECTIONS
- 2 - REMOVAL PLAN POB - STA 26+50
- 3 - REMOVAL PLAN STA 26+50 - POE
- 4 - CONSTRUCTION PLAN POB - STA 26+50
- 5 - CONSTRUCTION PLAN STA 26+50 - POE
- 6 - RAMP GRADING
- 7 - RAMP GRADING



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ISSUED FOR:
BIDS
1/14/22

DRAWING LOCATION: H:\20-131D (Rose St. Road Dwg.)_FINAL DRAWINGS\1. Typical Notes and Sections.dwg LAST SAVER BY: ASSIGNED ON: 1/13/2022

PROJECT NOTES

1. VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO ORDERING CASTINGS AND CONSTRUCTION.
2. COORDINATE ALL TRAFFIC CONTROL WITH CITY OF KALAMAZOO.
3. PAYMENT FOR ALL WORK SHALL BE ACCORDING TO THE PAY ITEMS INDICATED. ANY WORK REQUIRED ON THE DRAWINGS BUT OTHERWISE NOT SPECIFICALLY COVERED BY A PAY ITEM SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
4. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
5. ALL GRANULAR FILL UNDER THE INFLUENCE OF THE ROADWAY AND PROCESSED ROAD GRAVEL SHALL BE COMPACTED TO 95% MODIFIED PROCTOR DENSITY.
6. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS BECOME APPARENT, THESE SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION OF ANYTHING AFFECTED SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
7. FOR PROTECTION OF UNDERGROUND UTILITIES, THE CONTRACTOR SHALL CALL 1-800-482-7171 A MINIMUM OF THREE FULL WORKING DAYS EXCLUDING SATURDAYS, SUNDAYS AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

REMOVAL NOTES

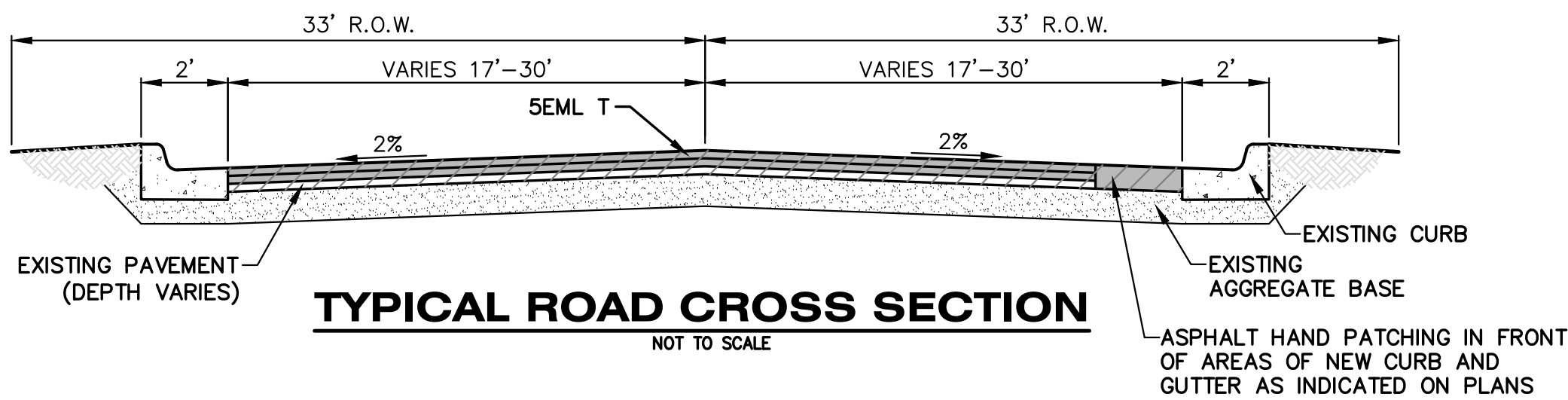
1. REVIEW ALL THE REMOVALS AND PROTECTION WITH OWNER PRIOR TO COMMENCING CONSTRUCTION.
2. ALL REMOVALS SHALL BE TAKEN OFF-SITE AND DISPOSED OF. NO STOCKPILE OR BURNING OF DEBRIS IS ALLOWED.
3. ALL REMOVALS SHALL BE TO THE LIMITS INDICATED UNLESS OTHERWISE DIRECTED BY THE ENGINEER. UNAUTHORIZED REMOVALS AND SUBSEQUENT REPLACEMENT SHALL BE AT THE CONTRACTOR'S EXPENSE.

GRADING - SESC NOTES

1. ALL WORK WILL COMPLY WITH THE PROVISIONS OF THE SOIL EROSION AND SEDIMENTATION CONTROL ACT (PA 347 OF 1972 AS AMENDED) ADMINISTERED BY THE CITY OF KALAMAZOO.
2. AVOID UNNECESSARY DISTURBING OR REMOVING EXISTING VEGETATED TOPSOIL OR EARTH COVER. THESE AREAS ACT AS SEDIMENT FILTERS.
3. ALL TEMPORARY SOIL EROSION PROTECTION SHALL REMAIN IN PLACE UNTIL SITE IS ESTABLISHED.
4. CONTRACTOR TO INSTALL INLET PROTECTION AT ALL STORM SEWER STRUCTURES DURING CONSTRUCTION.
5. NO SITE WORK SHALL BEGIN UNTIL SESC MEASURES ARE INSTALLED.
6. THE CONTRACTOR SHALL SERVE AS THE CERTIFIED STORM WATER OPERATOR FOR THE PROJECT AND SHALL PROVIDE COPIES OF ALL INSPECTION REPORTS AND RECOMMENDATIONS TO THE ENGINEER.
7. CLEAN ADJACENT ROADWAYS WHEN NECESSARY.
8. WATER SITE WHEN NECESSARY TO PREVENT AIR BORNE SEDIMENT TRANSFER.
9. MATCH EXISTING GRADES AROUND PERIMETER WITH SLOPES AS SHOWN.
10. ALL SPOT ELEVATIONS ARE TOP OF PAVEMENT GRADES AT EDGE OF METAL (EOM) UNLESS OTHERWISE NOTED.

UTILITY NOTES

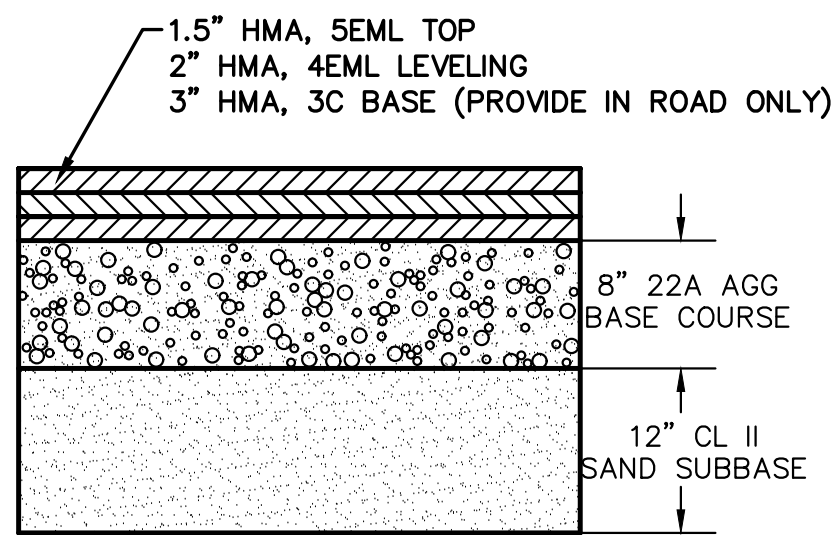
1. ALL STRUCTURE CASTINGS TO BE EAST JORDAN IRON WORKS OR APPROVED EQUAL. SEE STRUCTURE TABLE FOR SPECIFIC CASTING AT EACH STRUCTURE.
2. STORM SEWERS PER MDOT AND THE CITY OF KALAMAZOO STANDARD SPECIFICATIONS FOR CONSTRUCTION.
3. THE CONTRACTOR SHALL INSTALL PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVERNIGHT AS REQUIRED.
4. REMOVE SEDIMENT FROM ALL STRUCTURES ONCE PAVING IS COMPLETE AND REMOVE SILT SACKS.



HMA APPLICATION ESTIMATE

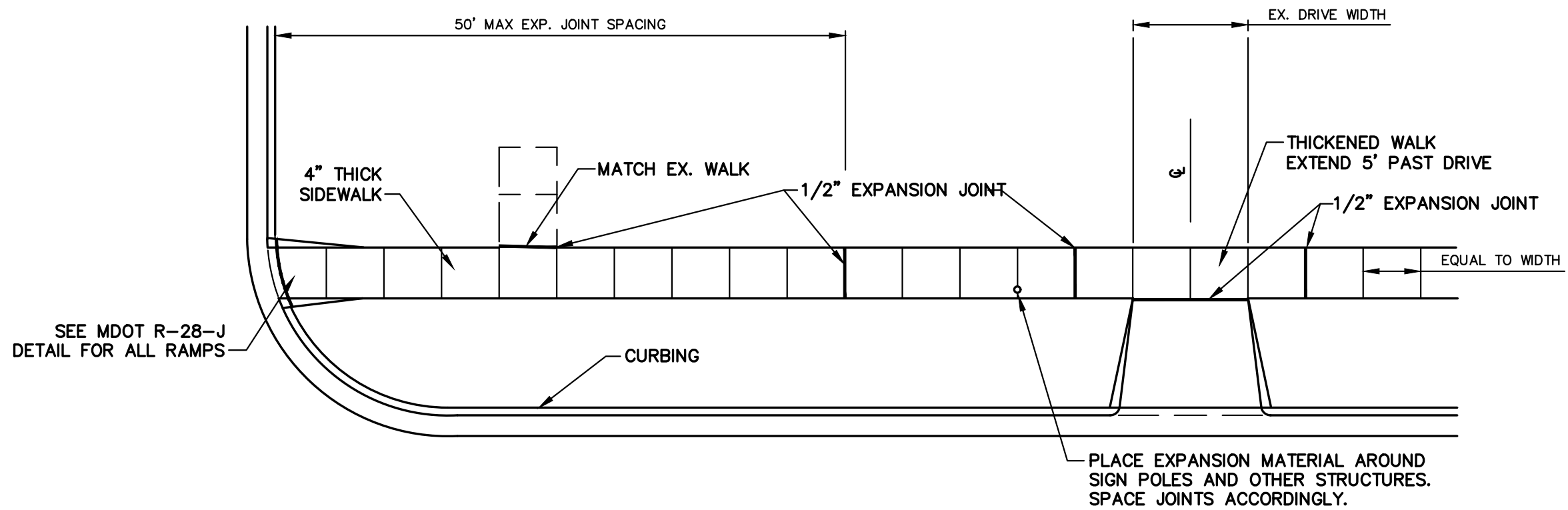
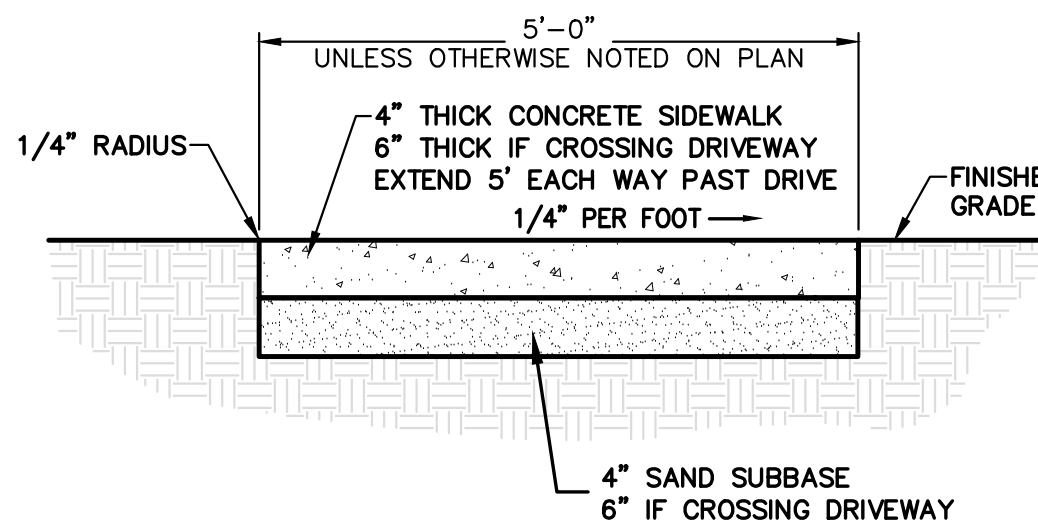
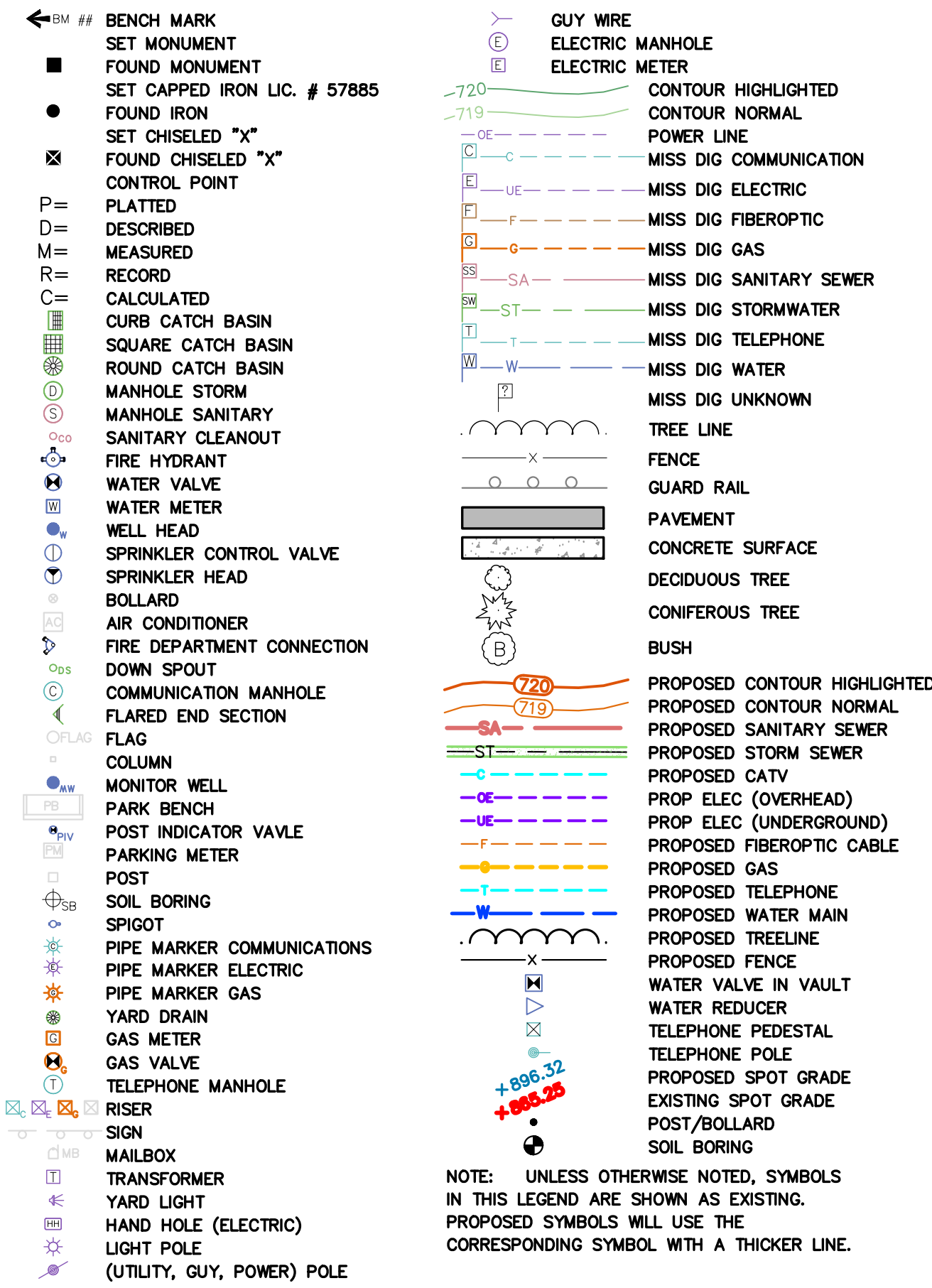
IDENT NO.	ITEM	RATE PER SYD	PERFORMANCE GRADE	REMARKS
5E1 T	HMA, 5EML	165 LB	PG 64-28	TOP COURSE
4E1 L	HMA, 4EML	220 LB	PG 64-28	LEVELING COURSE
	* BOND COAT	0.05-0.15 GAL		FULL COVERAGE

* FOR INFORMATION ONLY



ALL MATERIALS COMPACTED IN PLACE ON PREPARED SUBGRADE

LEGEND



CONCRETE SIDEWALK DETAILS

NO SCALE

TYPICAL NOTES AND SECTIONS
ROSE STREET PAVEMENT REPLACEMENT
CITY OF KALAMAZOO

Sheet Title:
Project:
Client:

1/14/22
Sheet

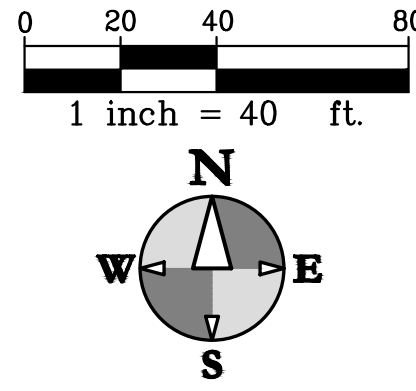
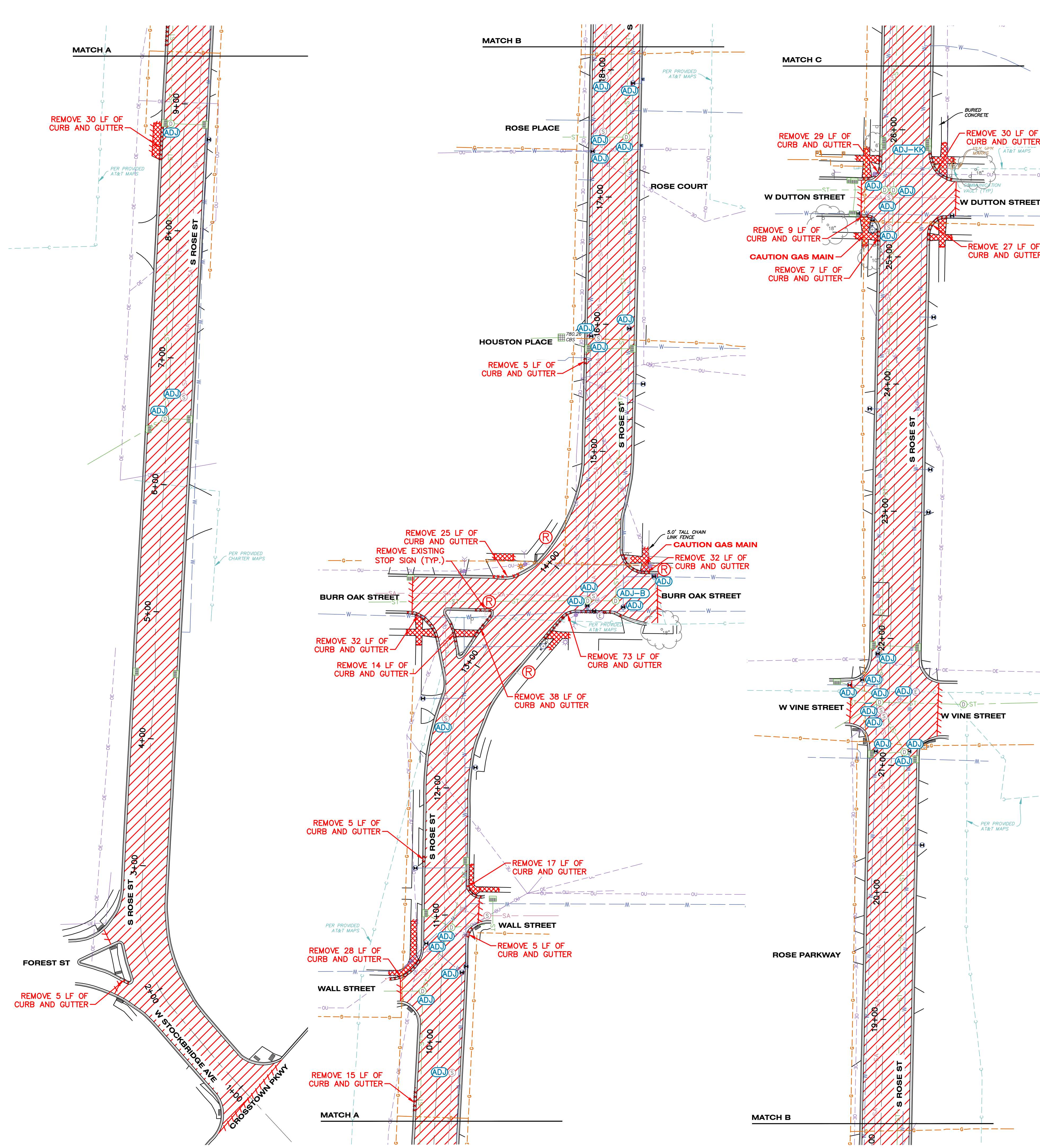
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DRAWING LOCATION: H:\20-131D (Rose St. Road Det) \FINAL DRAWINGS\3 Removal Plan POB - STA 26+50.dwg LAST SAVED BY: ASSIGNED ON: 1/13/2022



- REMOVALS LEGEND**
- XXXXXX CURB REMOVAL
 - //// SAWCUT
 - XXXX PAVEMENT/SIDEWALK REMOVAL
 - 1.5" PAVEMENT MILLING
 - (R) TREE REMOVAL
 - (S) REMOVE
 - (P) SALVAGE
 - (P) PROTECT
 - BM BENCH MARK
 - (ADJ-X) ADJUST COVER. CASTING TYPE FOLLOWS DASH.
- BENCHMARKS**
- ELEVATIONS OF THIS SURVEY ARE BASED ON NAVD 88 AS DERIVED FROM GPS
- BM 1 EL = 785.29
CUT BOX IN WEST SIDE OF CONCRETE POLE BASE ON SOUTHWEST CORNER OF THE S ROSE STREET AND W SOUTH STREET INTERSECTION.
- BM 2 EL = 787.11
CHISELED X IN NORTHWEST BOLT OF TRAFFIC LIGHT BASE ON THE SOUTHWEST CORNER OF THE S ROSE STREET AND W LOVELL STREET INTERSECTION.
- BM 3 EL = 788.66
CHISELED X ON BOLT WITH "BURY" TAG ON HYDRANT ON THE WEST SIDE OF S ROSE STREET 94'± SOUTH OF W LOVELL STREET.
- BM 4 EL = 784.46
CUT BOX IN EAST SIDE OF CONCRETE TRAFFIC CROSSING BASE ON THE NORTHWEST CORNER OF THE S ROSE STREET AND W CEDAR STREET INTERSECTION.
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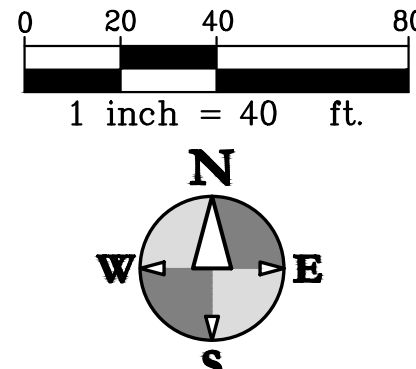
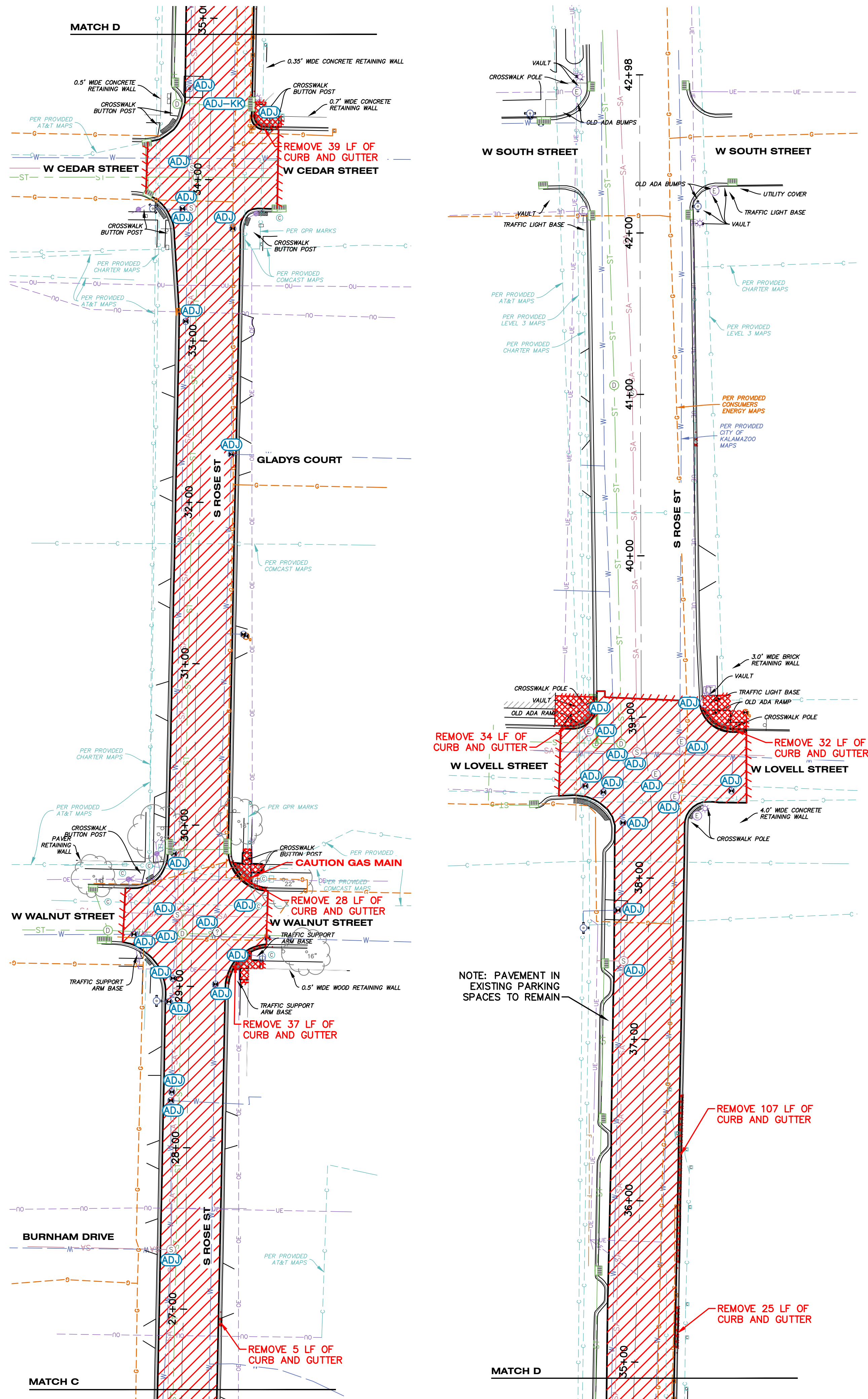
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REMOVAL PLAN POB - STA 26+50
ROSE STREET PAVEMENT REPLACEMENT
CITY OF KALAMAZOO

Sheet Title:
Project:
Client:

1/14/22
Sheet
2

DRAWING LOCATION: H:\20-131D - Rose St - Road Map\1 - FINAL DRAWINGS\3 - Removal Plan STA 26+50 - POE.dwg LAST SAVED BY: ASSIGNED ON: 1/13/2022



- REMOVALS LEGEND**
- CURB REMOVAL
 - SAWCUT
 - PAVEMENT/SIDEWALK REMOVAL
 - 1.5" PAVEMENT MILLING
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 - REMOVE
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ISSUED FOR/REVISIONS:	DESIGN	7/30/21
1 30% DESIGN	DESIGN	12/6/21
2 90% DESIGN	BIDS	1/14/22
3 BIDS		
4		

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REMOVAL PLAN STA 26+50 - POE

ROSE STREET PAVEMENT REPLACEMENT

CITY OF KALAMAZOO

Sheet Title:

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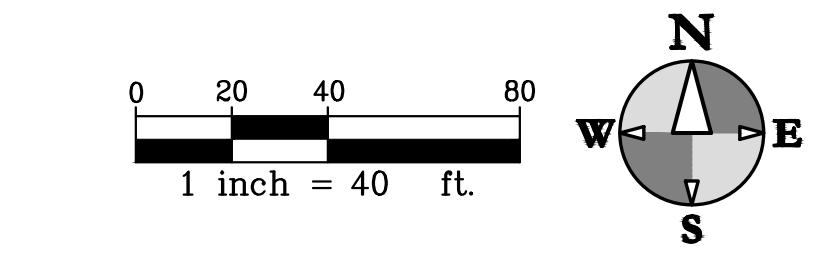
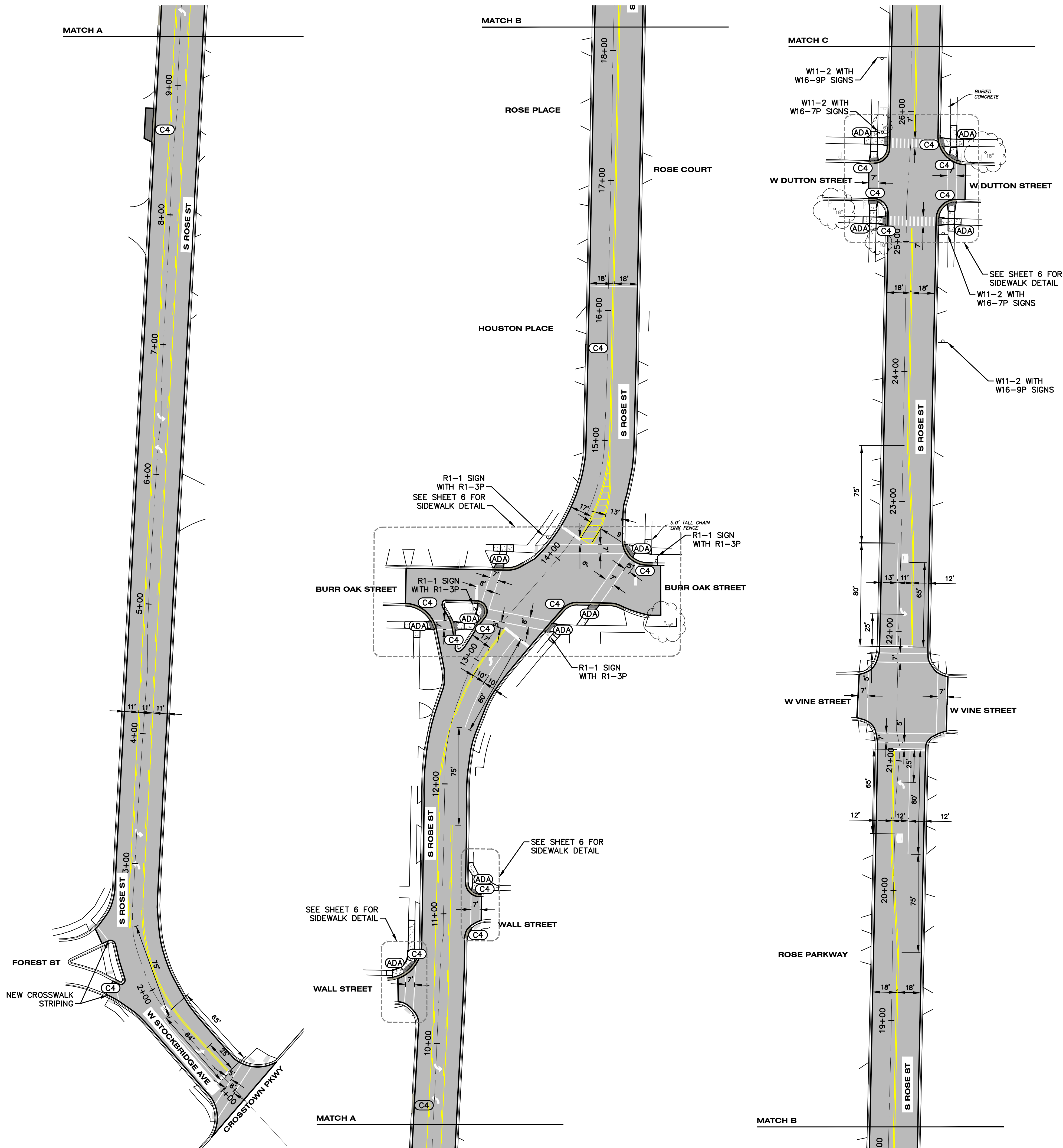
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Sheet

3

DRAWING LOCATION: H:\20-131D (Rose St, Rose St) - FINAL DRAWING\14 Construction Plan POB - STA 26+50.dwg LAST SAVED BY: ASSIGNED ON: 1/13/2022



- LEGEND**
- RESURFACE EXISTING HMA
 - MATCH EXISTING PAVEMENT ELEVATION
 - FULL DEPTH HMA
 - MATCH EXISTING PAVEMENT ELEVATION
 - C4 CONCRETE CURB AND GUTTER
 - CS CONCRETE SURFACE
 - ADA ADA RAMP (SEE DETAIL)

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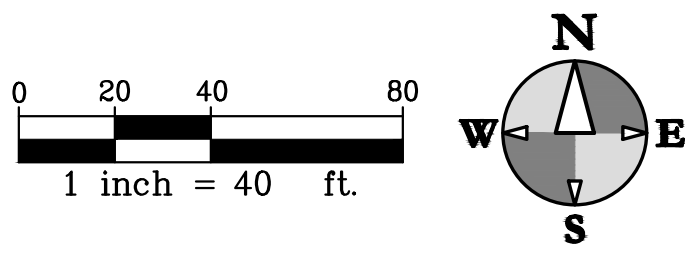
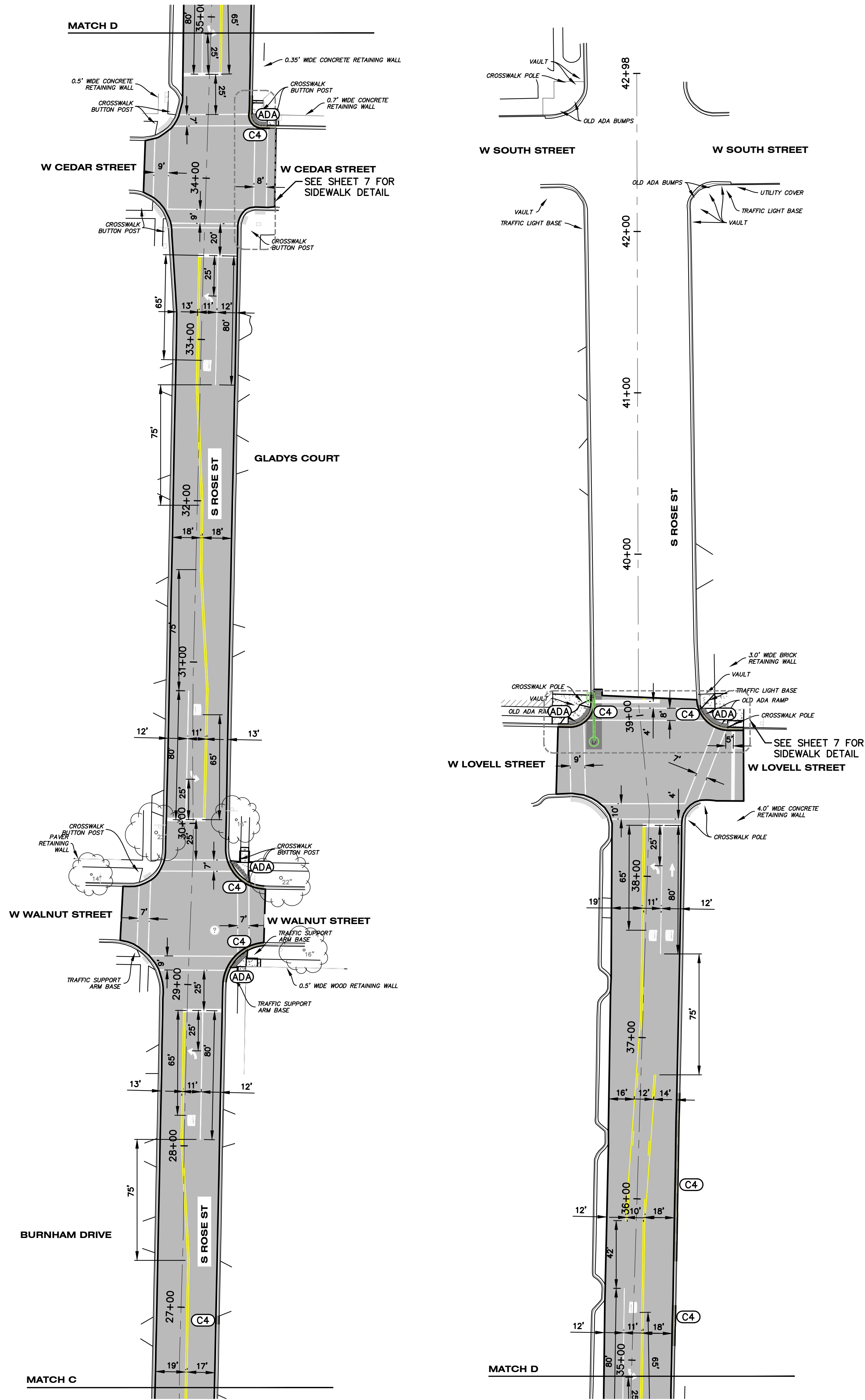
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CONSTRUCTION PLAN POB - STA 26+50
ROSE STREET PAVEMENT REPLACEMENT
CITY OF KALAMAZOO

Sheet Title:
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Client:

DRAWING LOCATION: AL-20-131D (Rose St. Road Data) - FINAL DRAWING'S Construction Plan STA 26+50 - POE LAST SAVED BY: USERPRED ON 1/6/2022



- LEGEND**
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MATCH EXISTING PAVEMENT ELEVATION
 - FULL DEPTH HMA
MATCH EXISTING PAVEMENT ELEVATION
 - C4 C4 CONCRETE CURB AND GUTTER
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ROSE STREET PAVEMENT REPLACEMENT
CITY OF KALAMAZOO

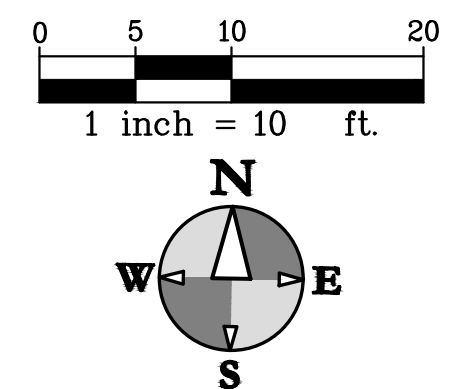
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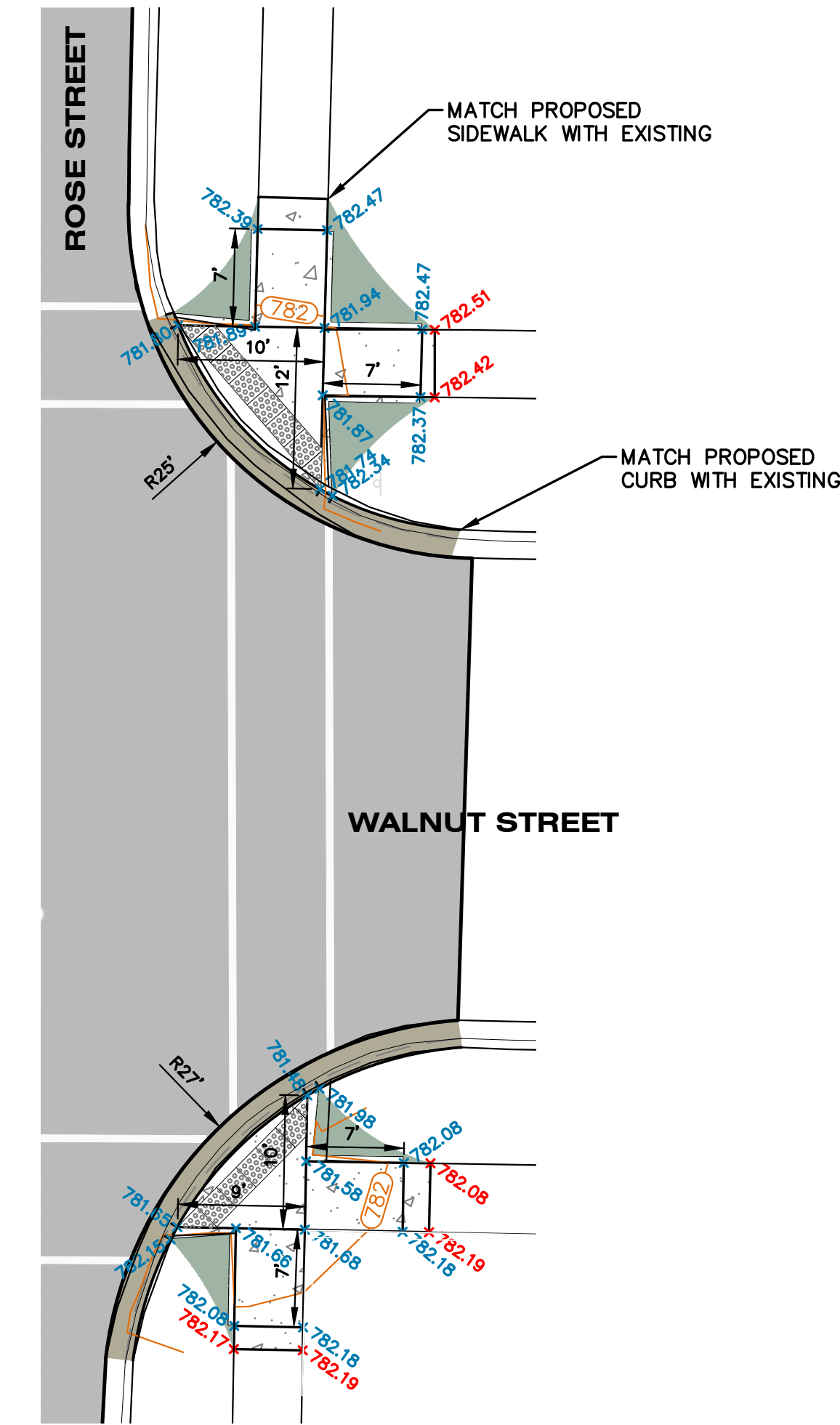
- ## GRADING PLAN LEGEND
- | | |
|---|--|
|  | PROPOSED CONTOUR 5-FT |
|  | PROPOSED CONTOUR NORMAL |
| x 896.32 | PROPOSED SPOT GRADE |
| x 894.76 TOP
x 894.26 BTM | PROPOSED SPOT GRADES: TOP
AND BOTTOM OF CURB/WALL |
| x 895.25 | EXISTING SPOT GRADE |
|  | SLOPE RESTORATION |

NOTES

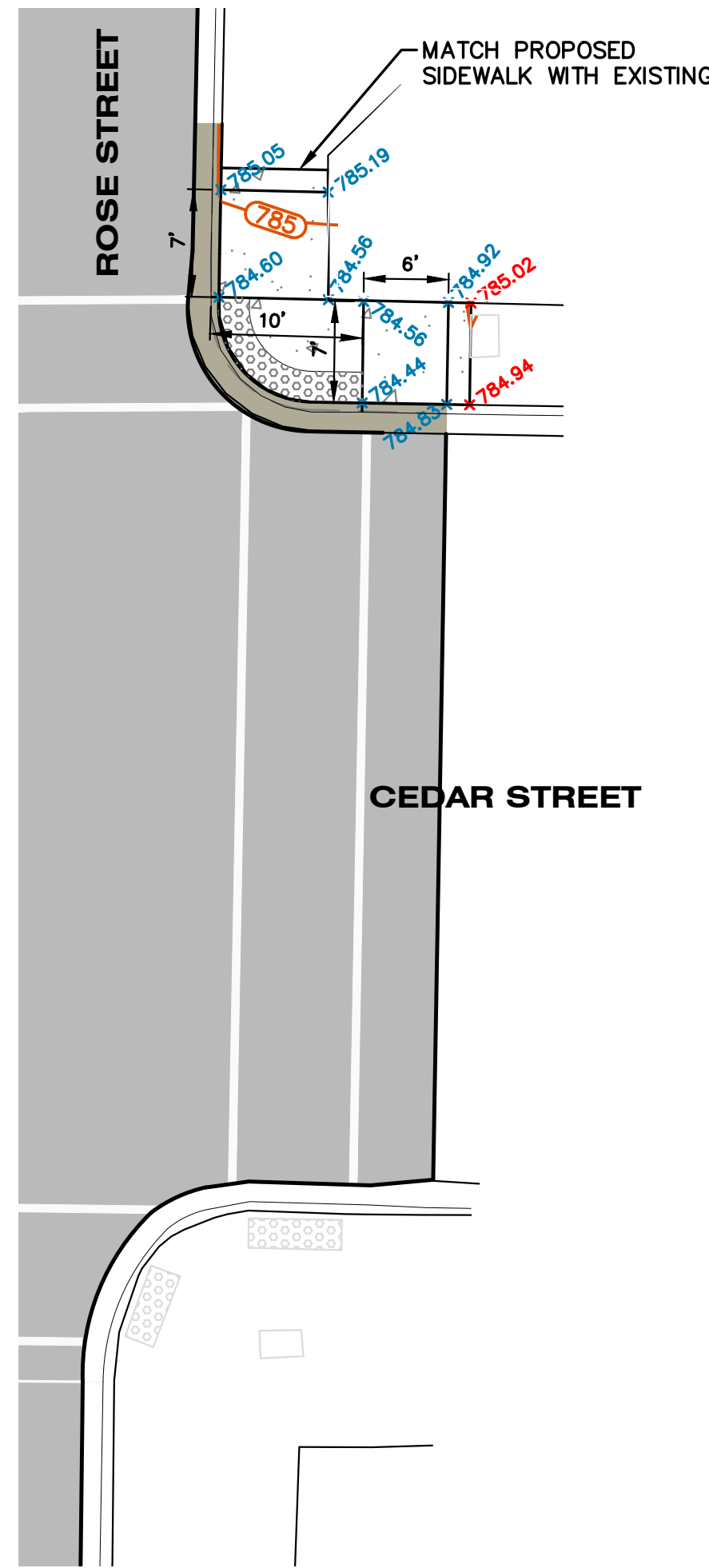
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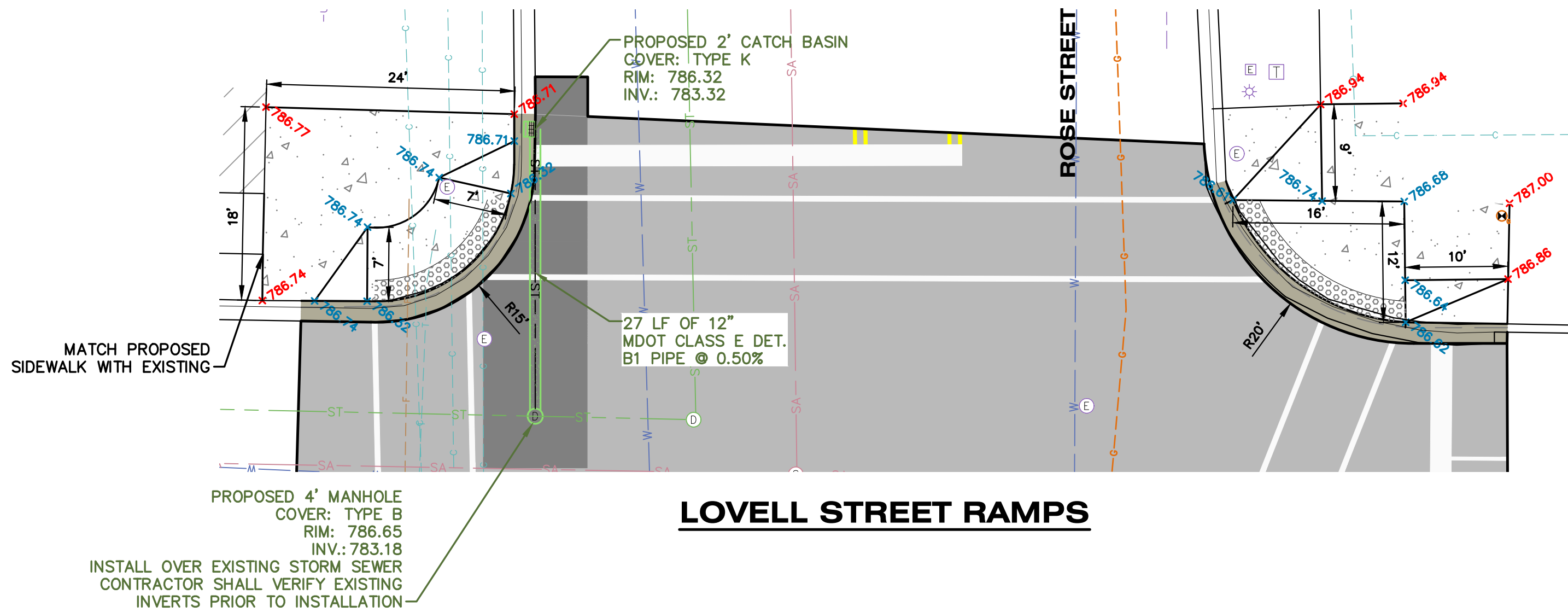
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WALNUT STREET RAMPS



CEDAR STREET RAMPS

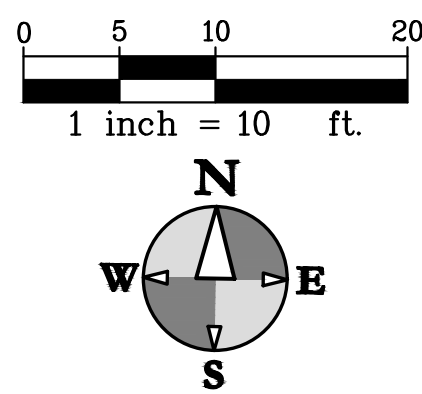


LOVELL STREET RAMPS

GRADING PLAN LEGEND	
	PROPOSED CONTOUR 5-FT
	PROPOSED CONTOUR NORMAL
	PROPOSED SPOT GRADE
	PROPOSED SPOT GRADES: TOP AND BOTTOM OF CURB/WALL
	EXISTING SPOT GRADE
	SLOPE RESTORATION

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RAMP GRADING
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ISSUED FOR/REVISIONS:	
1	30% DESIGN
2	90% DESIGN
3	BIDS
4	

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