

**GENERAL NOTES**

- CONSTRUCTION OF IMPROVEMENTS SHALL CONFORM TO THE CURRENT CONSTRUCTION STANDARDS FOR THE CITY OF COLE CAMP, MISSOURI AND THE MISSOURI DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY THE LOCATION AND DEPTHS OF ALL EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD, AND SHALL BE RESPONSIBLE TO RECTIFY ANY DAMAGES TO SAID UTILITIES DUE TO HIS OPERATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR OBSTRUCTIONS OCCURRING WITH ANY EXISTING UTILITY.
- IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY, AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- THE DUTY OF THE ENGINEER OR OWNER TO CONDUCT CONSTRUCTION REVIEWS OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN OR NEAR THE CONSTRUCTION SITE.
- ALL AREAS DISTURBED BY CONSTRUCTION, AND NOT INDICATED TO RECEIVE ANY OTHER FORM OF SURFACE TREATMENT SHALL BE DRESSED AND SEEDED TO LAWN CONDITIONS IN ACCORDANCE WITH THE SPECIFICATIONS.
- ALL EXISTING UTILITIES SHALL REMAIN IN PLACE UNLESS NOTED OTHERWISE.
- ALL EXISTING TURF AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY SEEDING UNLESS NOTED OTHERWISE.
- EXISTING TREES/LIMBS NEED TO BE PROTECTED FROM DAMAGE IF THEY ARE WITHIN THE CONSTRUCTION ZONE AND ARE NOT SHOWN FOR REMOVAL. NO TREE TRIMMING TO BE DONE WITHOUT WRITTEN PERMISSION FROM THE CITY AND THE TREE OWNER.
- ANY ROOTS THAT ARE ENCOUNTERED DURING EXCAVATION AROUND AN EXISTING TREE ARE TO BE CLEAN CUT.
- ALL EXCESS EXCAVATED MATERIAL, REMOVALS, AND DEMOLISHED ASPHALT AND CONCRETE SHALL BE REMOVED AND DISPOSED OFFSITE.
- ON SITE EXCAVATED TOPSOIL USED FOR FINAL GRADING MAY BE STOCKPILED ON SITE AND PROTECTED FROM WIND AND EROSION LOSS.
- FINAL DISPOSITION OF ITEMS TO BE REPLACED, RELOCATED OR SALVAGED SHALL BE DETERMINED BY THE CITY OF COLE CAMP.
- CONTRACTOR SHALL COORDINATE WITH THE CITY OF COLE CAMP AND STAGE CONSTRUCTION TO MINIMIZE IMPACTS TO ACCESS TO BUSINESSES.

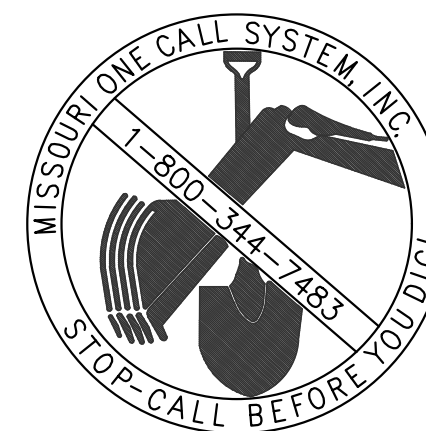
**LEGEND**

- = BENCHMARK
- = CONTROL POINT
- = EXISTING IRON PIN FOUND, AS NOTED
- = 1/4 SECTION LINE
- = EXISTING RIGHT OF WAY LINE
- = EXISTING MAJOR CONTOURS
- = EXISTING MINOR CONTOURS
- = EXISTING FENCE CHAIN LINK
- = EXISTING FENCE LINE
- = EXISTING OVERHEAD ELECTRIC
- = EXISTING UNDERGROUND ELECTRIC
- = EXISTING UTILITY POLE
- = EXISTING GUY ANCHOR
- = EXISTING ELECTRIC RISER
- = EXISTING LIGHT POLE
- = EXISTING ELECTRIC METER
- = EXISTING GAS LINE
- = EXISTING WATER LINE
- = EXISTING SEWER LINE
- = EXISTING TELEPHONE LINE
- = EXISTING UNDERGROUND TELEPHONE LINE
- = EXISTING TELEPHONE RISER
- = EXISTING CULVERT
- = EXISTING FIRE HYDRANT
- = EXISTING WATER VALVE
- = EXISTING WATER METER
- = EXISTING SANITARY SEWER MANHOLE
- = EXISTING SANITARY CLEANOUT
- = EXISTING TREE, SIZE AS NOTED
- = EXISTING BUSH
- = EXISTING MAIL BOX
- = EXISTING SIGN
- = EXISTING POST
- = EXISTING RAILWAY

# PRELIMINARY PLANS FOR MAPLE STREET SIDEWALK IMPROVEMENTS PROJECT NO. TAP-9901(537) SECTIONS 26 & 35 T-43-N, R-21-W CITY OF COLE CAMP, MISSOURI DECEMBER 2023



**GENERAL LOCATION MAP**



**UTILITIES**

DESCRIPTION	PHONE NO.
CITY OF COLE CAMP WATER AND SEWER.....	660-668-4444
EVERGY (ELECT).....	888-471-5275
SUMMIT NATURAL GAS.....	800-927-0787
BRIGHTSPEED (TELE).....	833-582-2791
CO-MO CONNECT (FIBER).....	844-993-4237

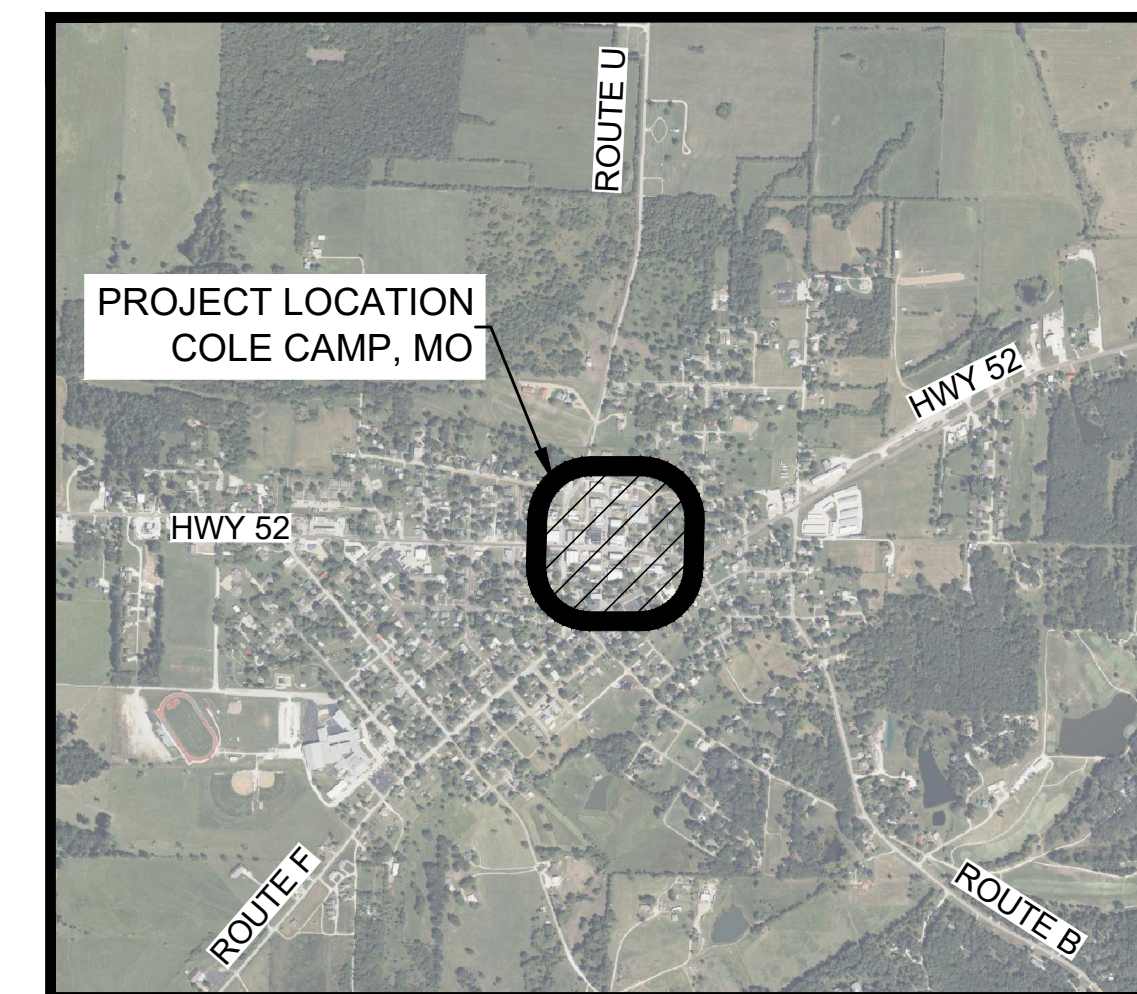
HORIZONTAL COORDINATES ARE BASED ON THE MISSOURI COORDINATE SYSTEM OF 1983, CENTRAL ZONE

**BENCHMARK DATA**

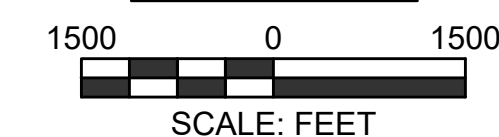
BM1: SQUARE CUT ON TOP BACK OF CURB, WEST SIDE OF MAPLE STREET, ACROSS FROM WHITE BUILDING  
EL. 1,039.86'

BM2: SQUARE CUT IN BASEMENT WINDOW CASING, SE CORNER OF MAPLE AND MAIN  
EL. 1,051.96'

(VERTICAL DATUM: NAVD88)



**VICINITY MAP**



**SHEET INDEX**

NO.	DESCRIPTION
01	COVER SHEET
02	OVERALL PLAN
03	TYPICAL DETAILS

**LENGTH OF PROJECT**

N. MAPLE ST, COLE CAMP, MO 65325

APPARENT LENGTH	325 FT
EQUATIONS AND EXCEPTIONS	NONE
TOTAL CORRECTIONS	0.00 FT
NET LENGTH	325 FT

**OWNER  
COLE CAMP, MISSOURI**

ROBERT MEUSCHKE, MAYOR  
DAWN PAUL, CITY CLERK  
HEATH ROARK, PUBLIC WORKS  
401 W. MAIN ST.  
COLE CAMP, MO 65325  
660-668-4444

**CONTACTS**

ROBERT MEUSCHKE MAYOR, LPA REPRESENTATIVE 401 W. MAIN ST. COLE CAMP, MO 65325 660-668-4444	ASPEN WILLIAMS, P.E. GREAT RIVER ENGINEERING 908 BROADWAY BLVD., SUITE 100 KANSAS CITY, MO 64105 816-436-4440
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*APPROVED BY CITY OF COLE CAMP, MISSOURI*

ROBERT MEUSCHKE,  
MAYOR

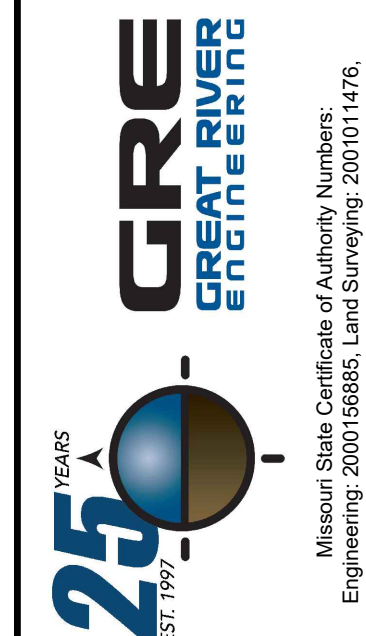
DATE

No.	Revision/Issue	Date

IF A SEAL IS PRESENT ON THIS SHEET, IT HAS BEEN ELECTRONICALLY SEALED AND DATED



ASPEN L. WILLIAMS  
MO# PE-2023018270



MAPLE STREET SIDEWALK IMPROVEMENTS - TAP-9900(134)

COLE CAMP, MISSOURI

COVER SHEET

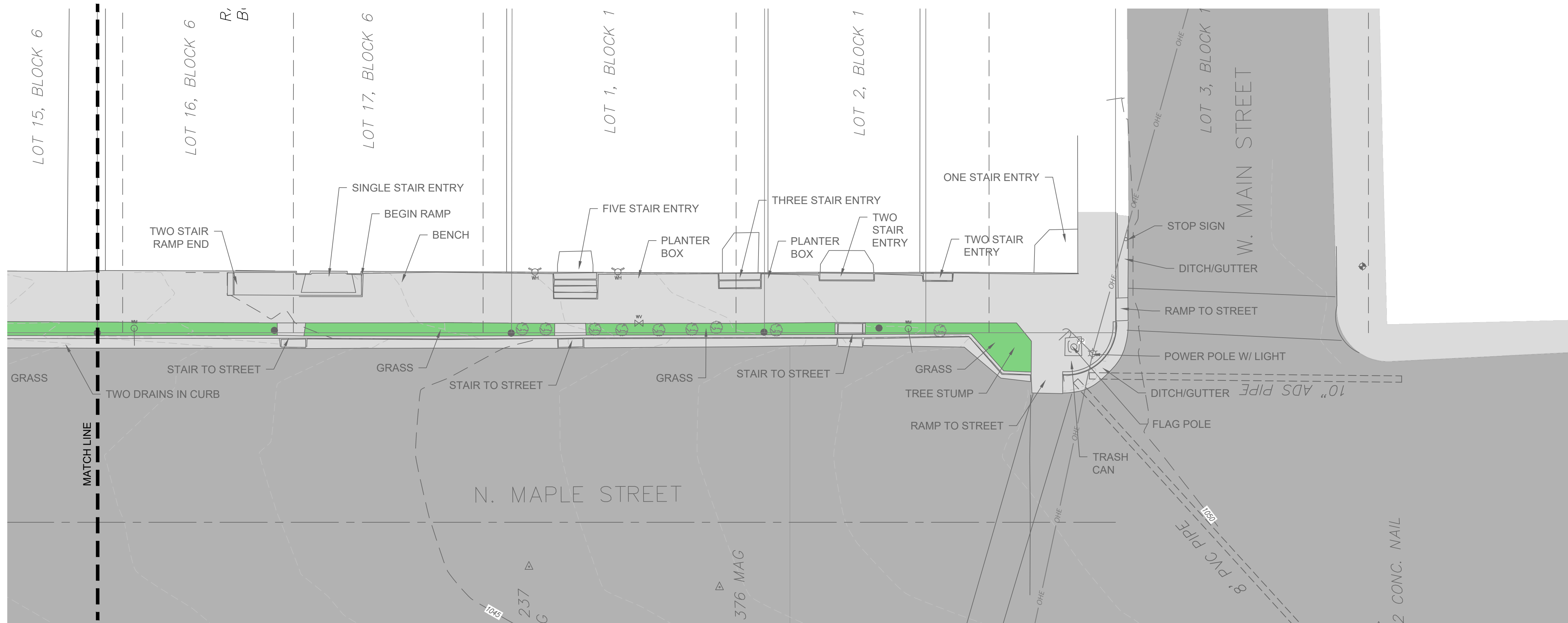
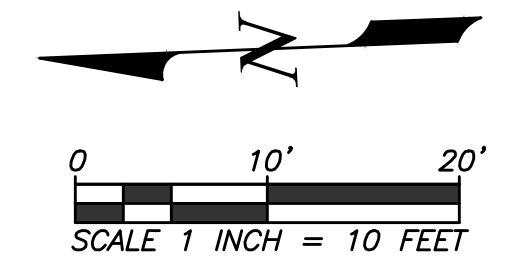
DATE: 12/08/2023  
JOB NUMBER: 3753

SHEET  
01

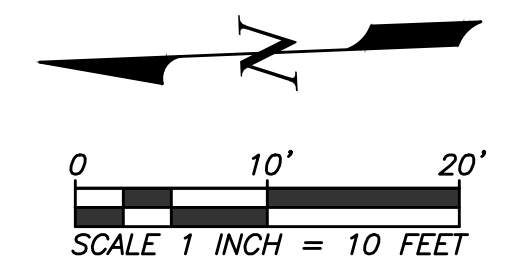
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EXISTING CONDITIONS PLAN

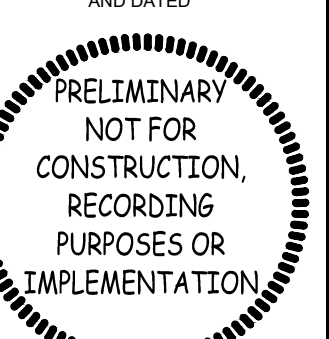


EXISTING CONDITIONS PLAN CONT.



No.	Revision/Issue	Date

IF A SEAL IS PRESENT ON THIS SHEET, IT HAS BEEN ELECTRONICALLY SEALED AND DATED



ASPEN L. WILLIAMS  
MO# PE-2023018270

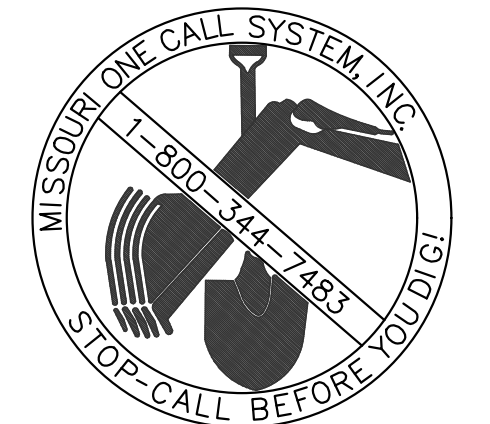
**GRE GREAT RIVER ENGINEERING**  
25 YEARS EST. 1997

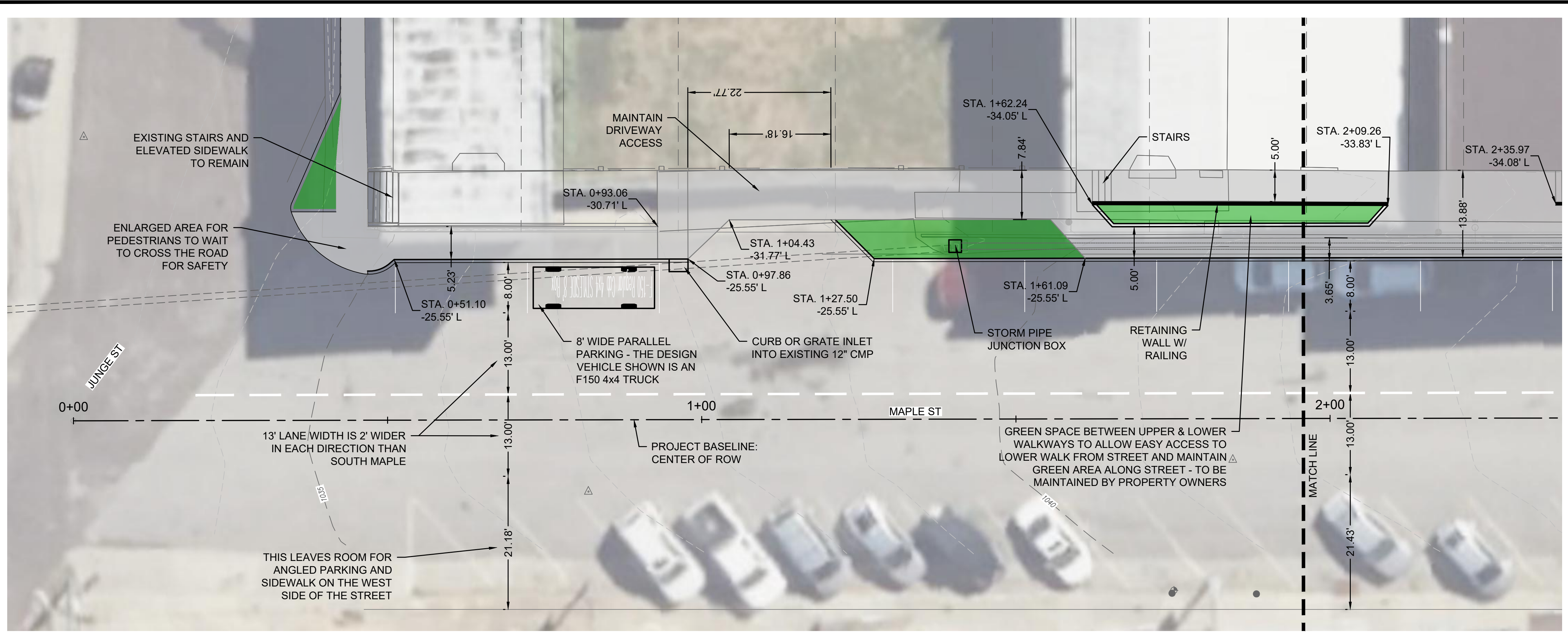
Missouri State Certificate of Authority Numbers:  
Engineering: 2000156885, Land Surveying: 2001011476,  
Landscape Architecture: 2007013673

MAPLE STREET SIDEWALK IMPROVEMENTS - TAP-9900(134)  
COLE CAMP, MISSOURI  
REMOVAL PLAN

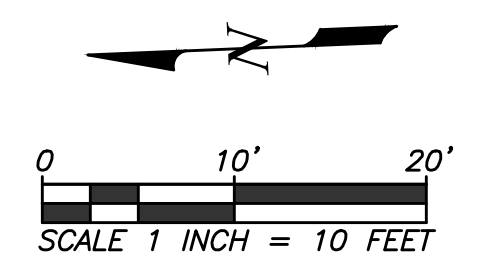
DATE: 12/08/2023  
JOB NUMBER: 3753

SHEET 02



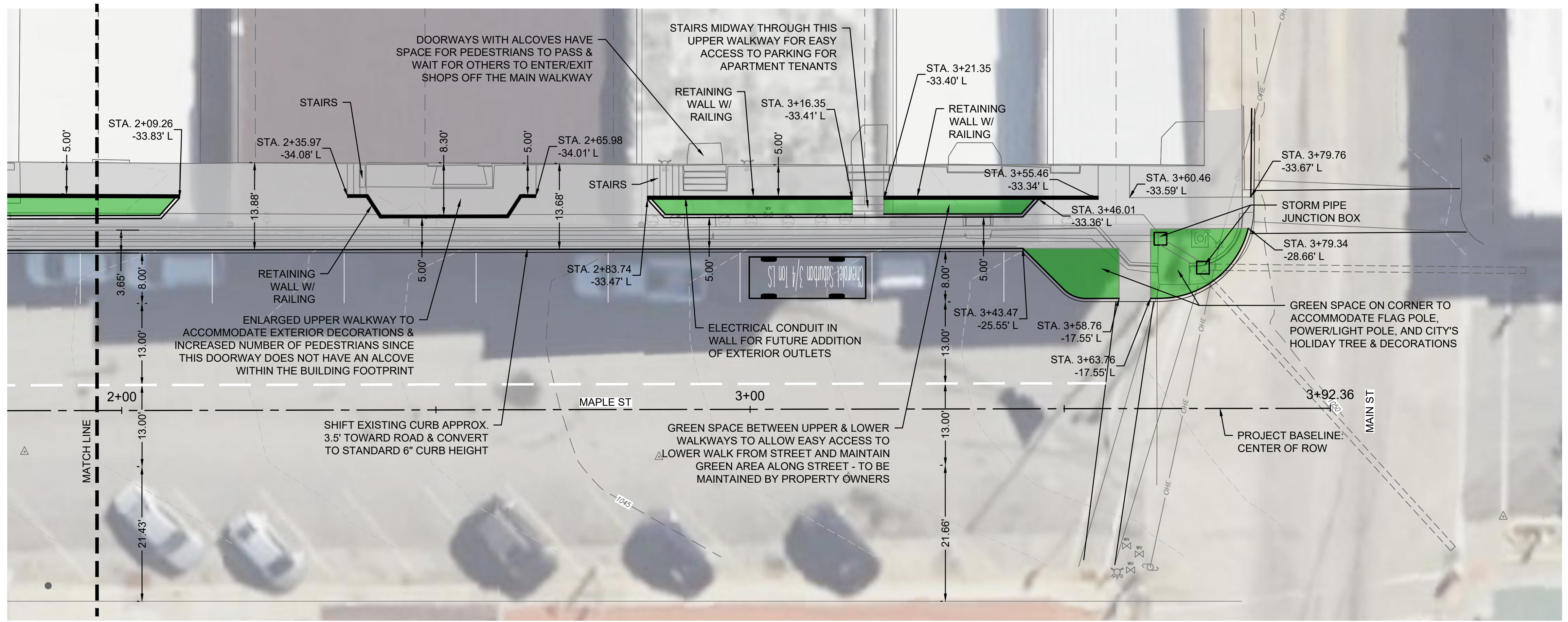


PROPOSED PLAN

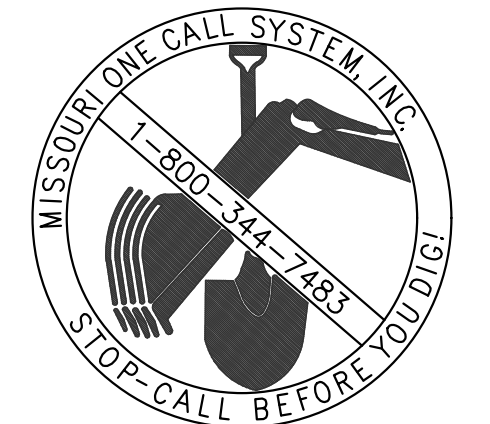
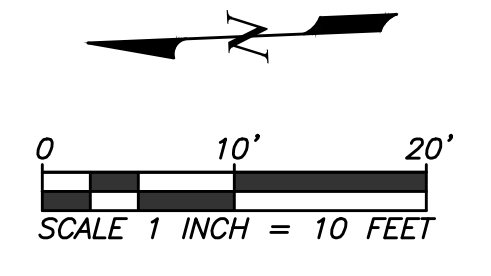


GENERAL NOTES:

1. SPLIT WALKWAYS: UPPER WALKWAY ON BUILDING SIDE WILL OFFER ACCESSIBLE ENTRY TO BUILDINGS. LOWER WALKWAY WILL MATCH SLOPE OF STREET WITH A 6" TURNDOWN CURB.
2. UPPER WALKWAYS WILL HAVE ADA ACCESS ON THE SOUTH OR 'UPHILL' END WITH STAIRS ON THE NORTH OR 'DOWNHILL' END.

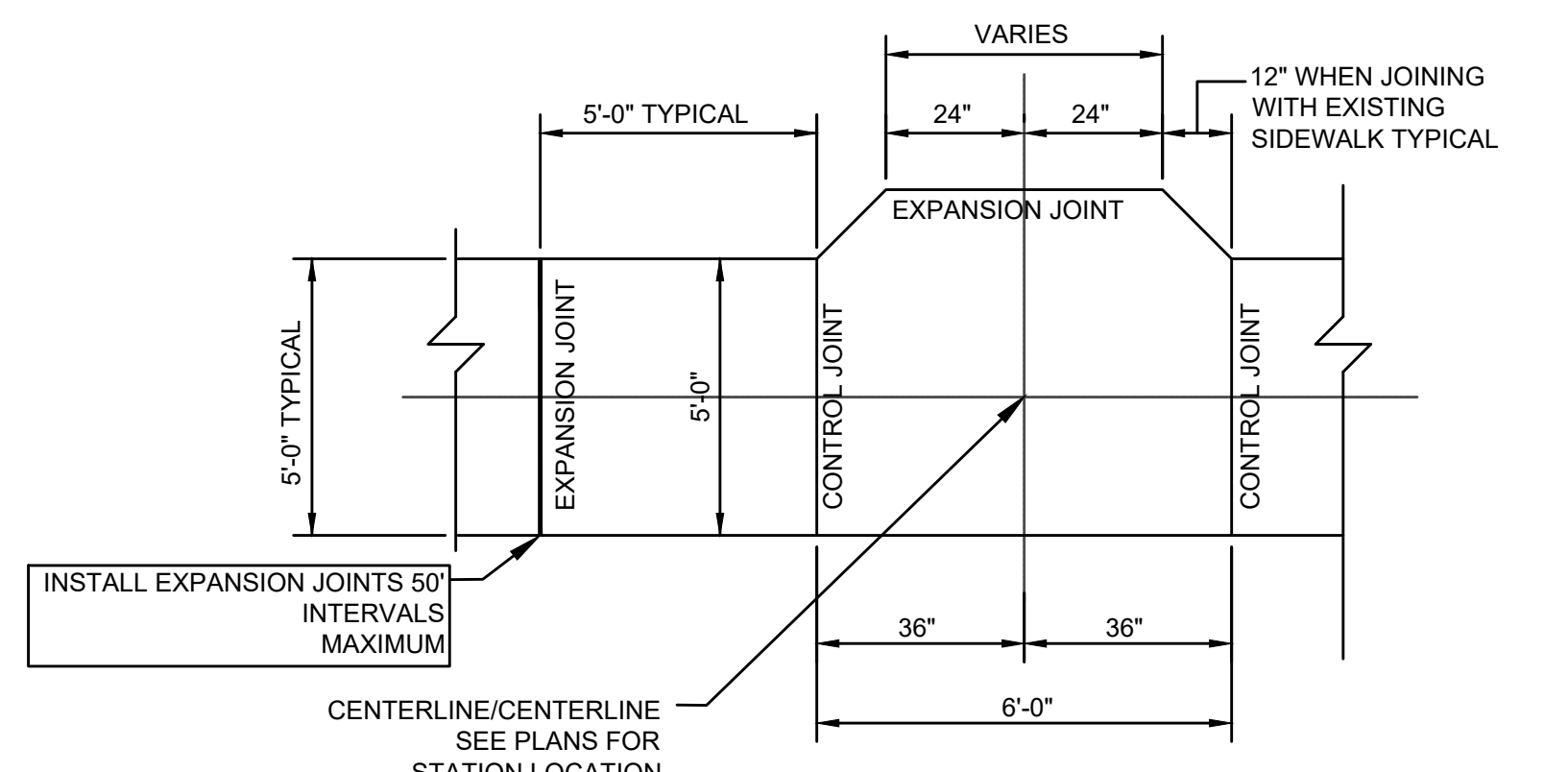


PROPOSED PLAN CONT.

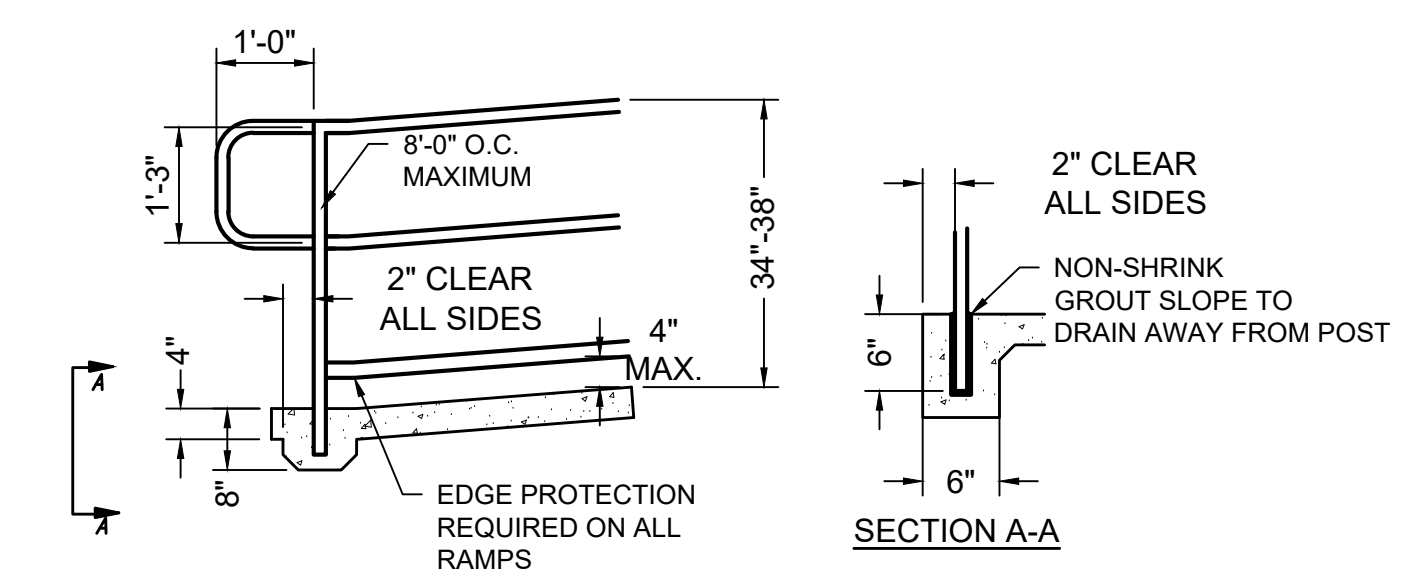


Date	
Revision/Issue	
No.	1
IF A SEAL IS PRESENT ON THIS SHEET, IT HAS BEEN ELECTRONICALLY SEALED AND DATED	
ASPEN L. WILLIAMS MO# PE-2023018270	
Missouri State Certificate of Authority Numbers: Engineering: 2000156885, Land Surveying: 2001011476, Landscape Architecture: 2007013673	
<b>MAPLE STREET SIDEWALK IMPROVEMENTS - TAP-9900(134)</b> COLE CAMP, MISSOURI	
<b>OVERALL PLAN</b>	
DATE: 12/08/2023	
JOB NUMBER: 3753	
<b>SHEET 03</b>	

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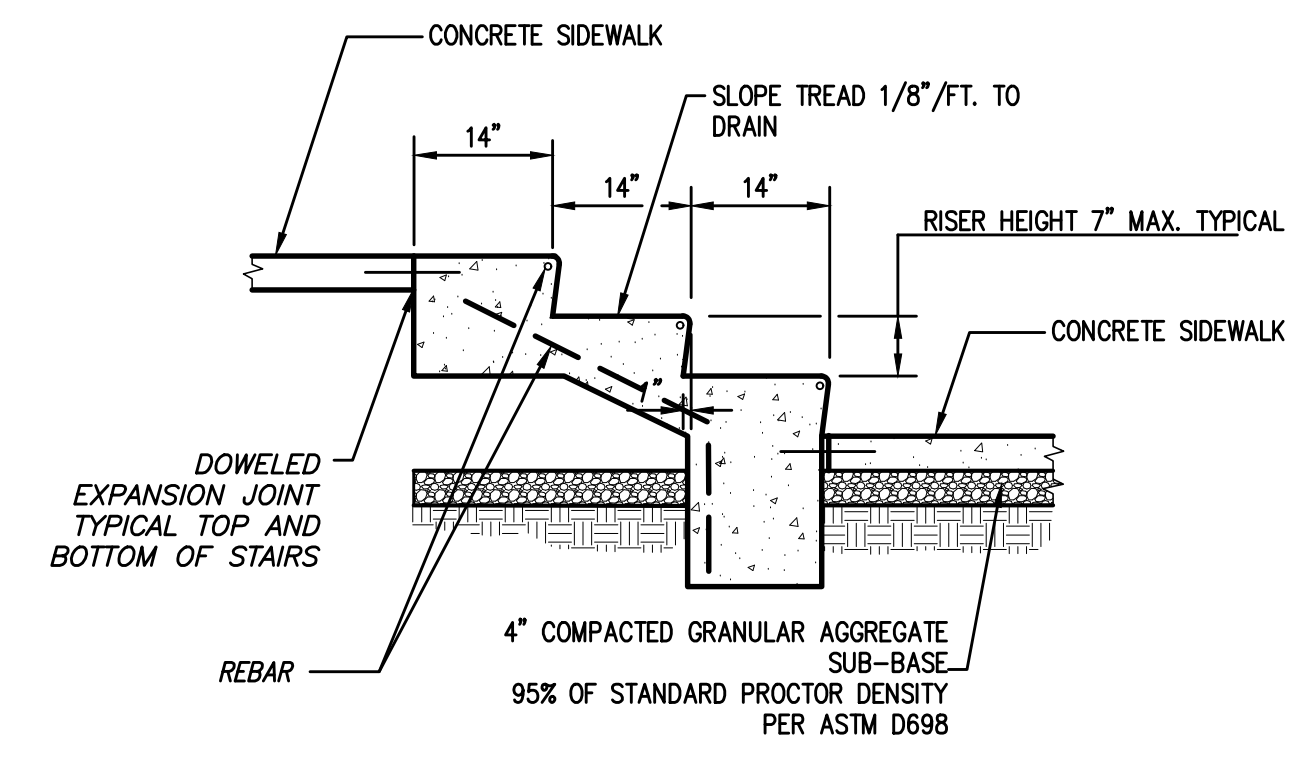
**SIDEWALK JOINTS**  
NOT TO SCALE



NOTE:  
1. POST SPACING 8'-0" CENTER TO CENTER TYPICAL.  
2. RAIL PAYMENT LENGTH MEASURED BETWEEN TERMINAL POSTS.  
3. GRIND ALL WELDS SMOOTH PRIOR TO HANDRAIL FINISH.  
4. HANDRAIL FINISH TO BE BRUSHED STAINLESS STEEL.  
5. PLACE 1/4" DIA. WEEP HOLES WHERE HORIZONTAL RAILS MEET POSTS ON BOTTOM SIDE.

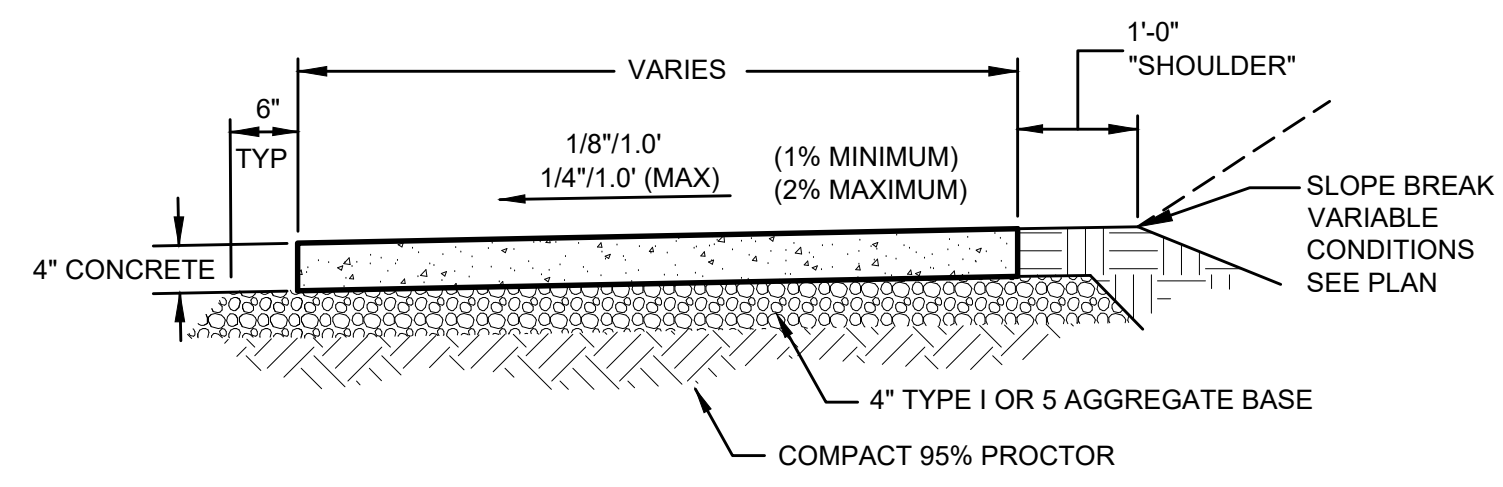
RAILING & POST SPECIFICATIONS			
TYPE	SIZE (DIA.)	WEIGHT (LBS./FT.)	
		ALUM.	STEEL
ROUND	1 1/2"	0.940	2.72

**HANDRAIL DETAIL**  
NOT TO SCALE

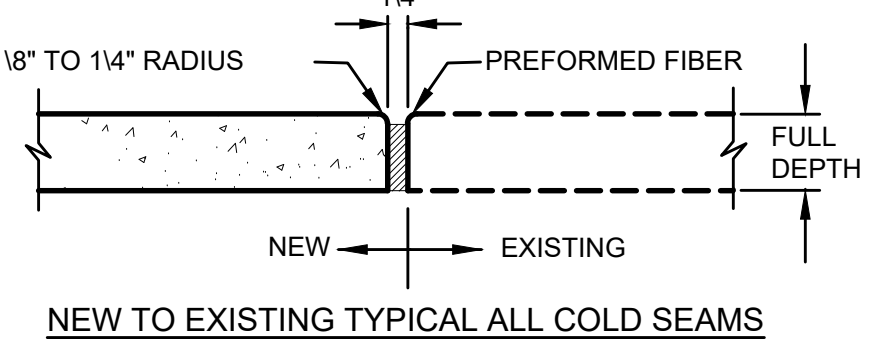
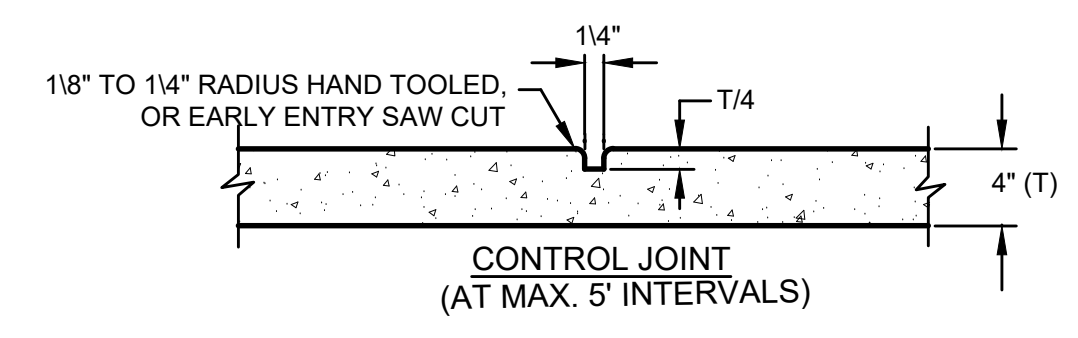


NOTE: NUMBER OF TREAD AND RISERS PER LOCATION SHOWN ON PLAN.

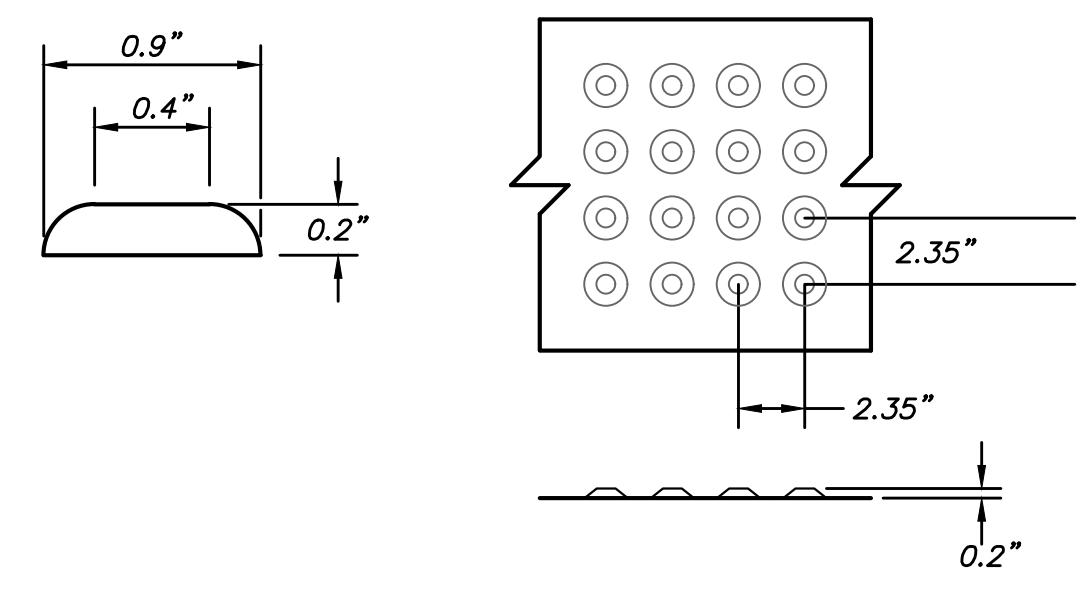
**CONCRETE STAIR DETAIL**  
NOT TO SCALE



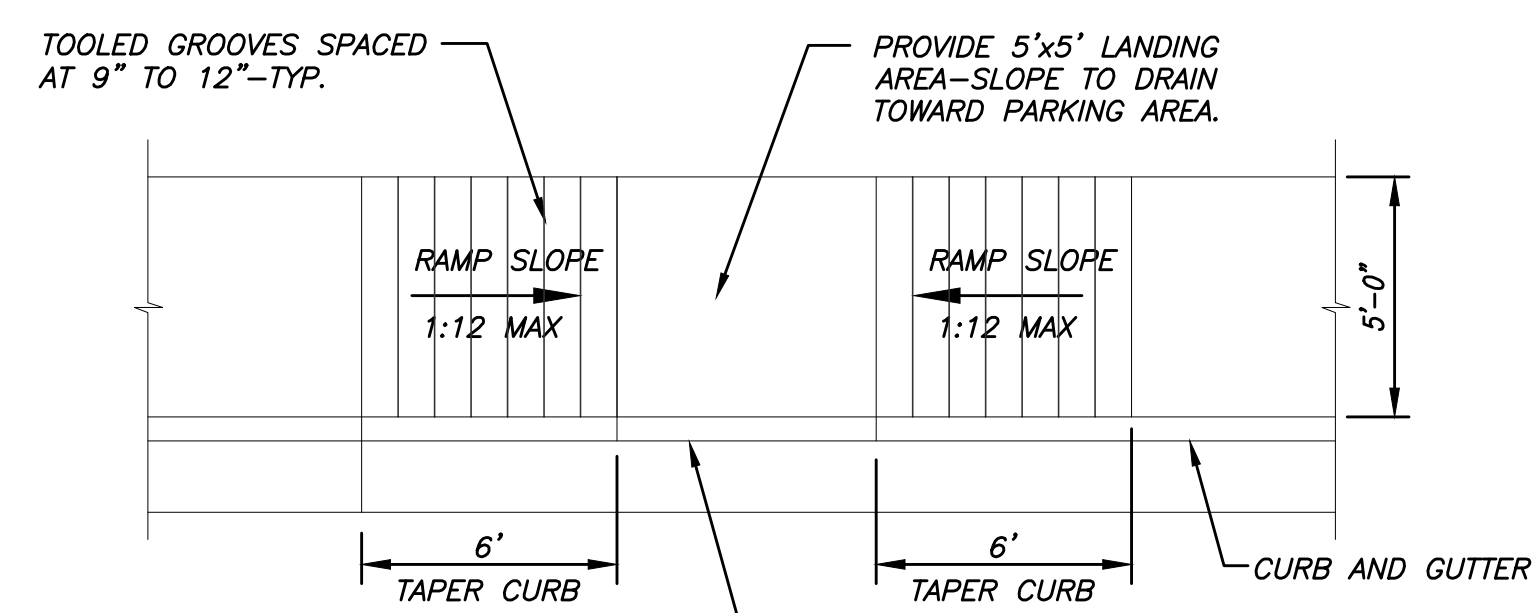
**TYPICAL CONCRETE SIDEWALK**  
NOT TO SCALE



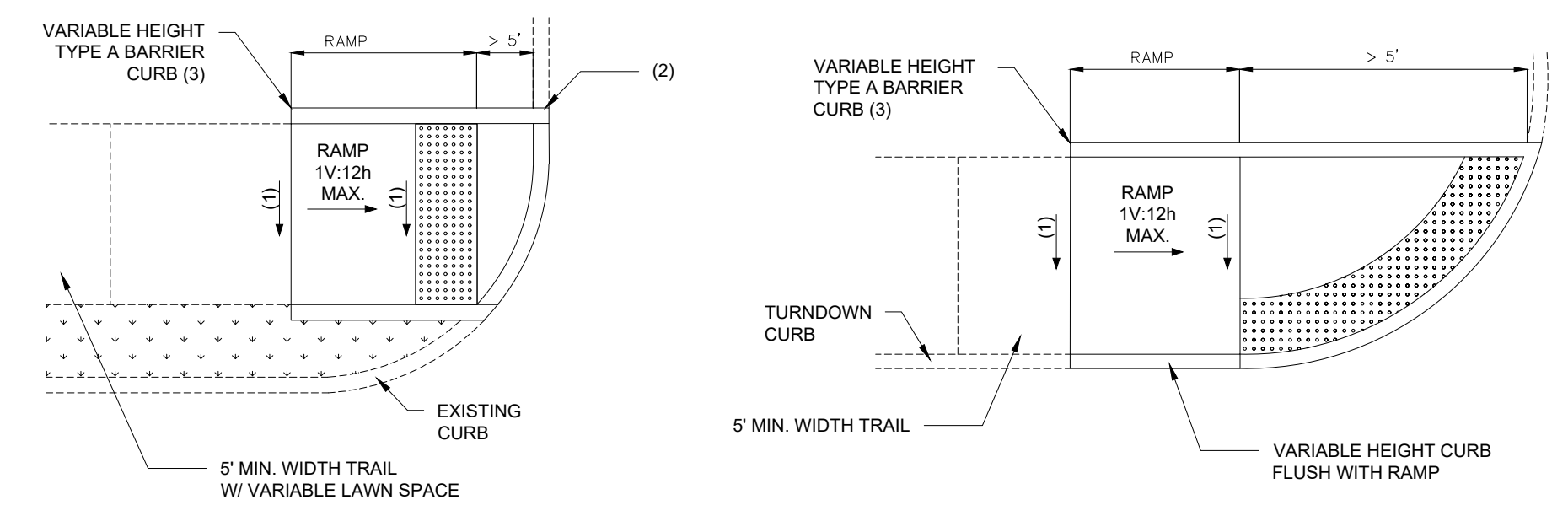
**NEW TO EXISTING TYPICAL ALL COLD SEAMS EXPANSION JOINT**  
**JOINT DETAILS - CONCRETE PAVEMENT**  
NOT TO SCALE



**TRUNCATED DOME SIZE AND SPACING**  
NOT TO SCALE



**PLAN VIEW**  
**SIDEWALK RAMP TYPE 2**

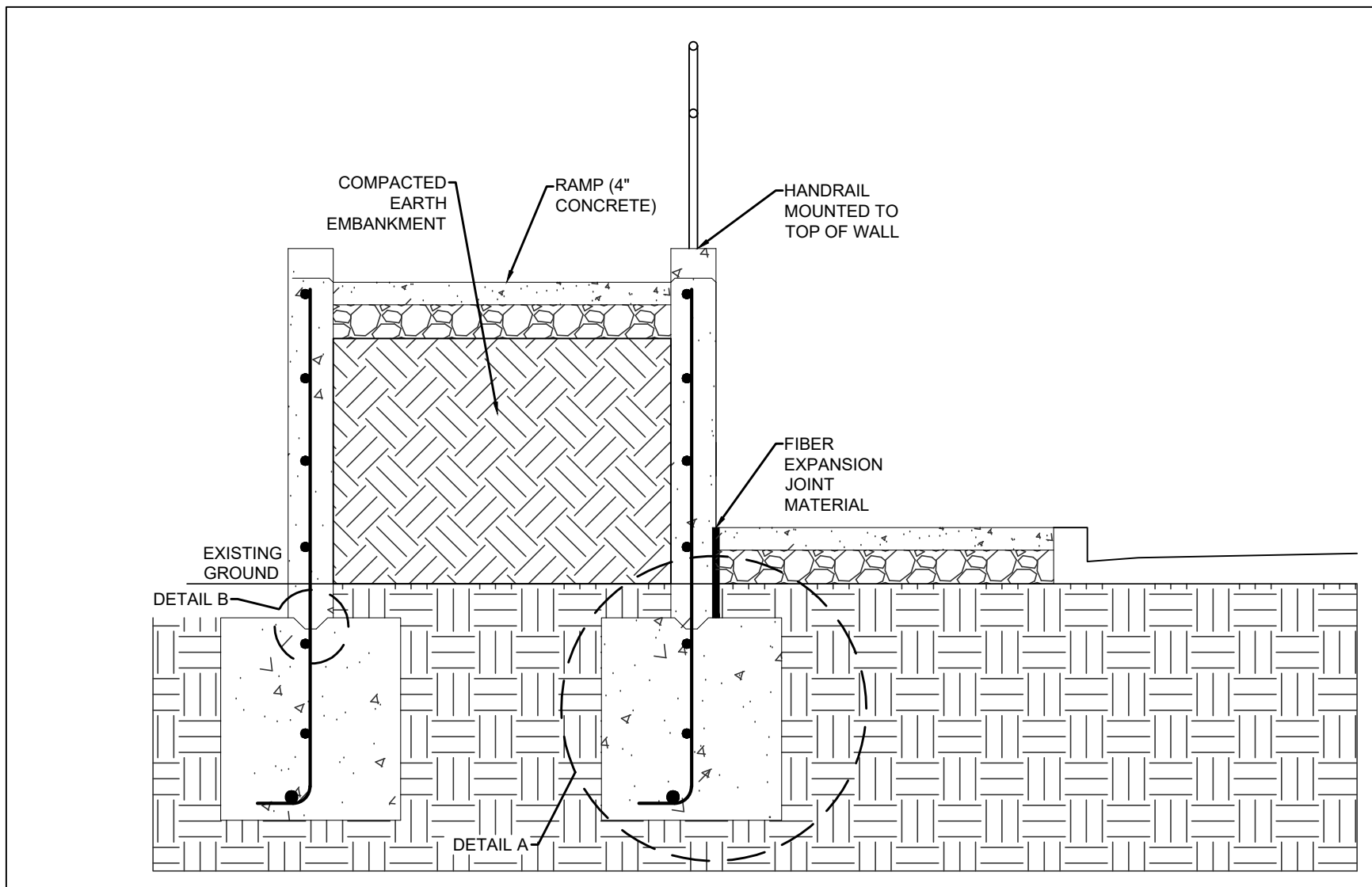


**SMALL RADIUS PERPENDICULAR**

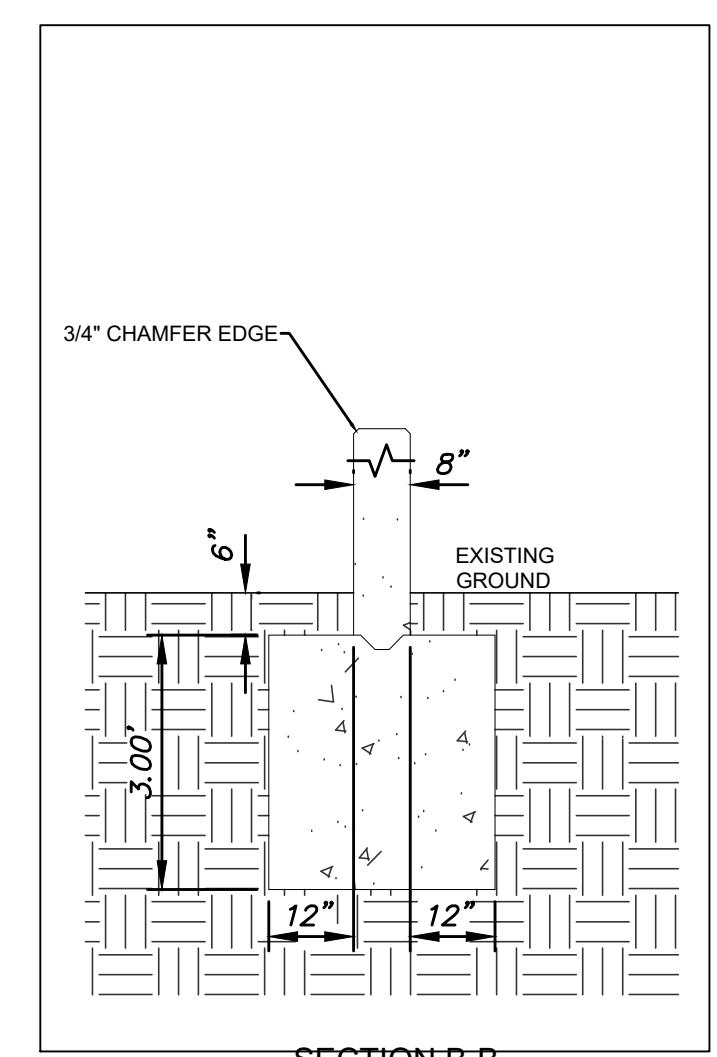
**LARGE RADIUS PERPENDICULAR**

**ADA RAMP DETAILS**  
NOT TO SCALE

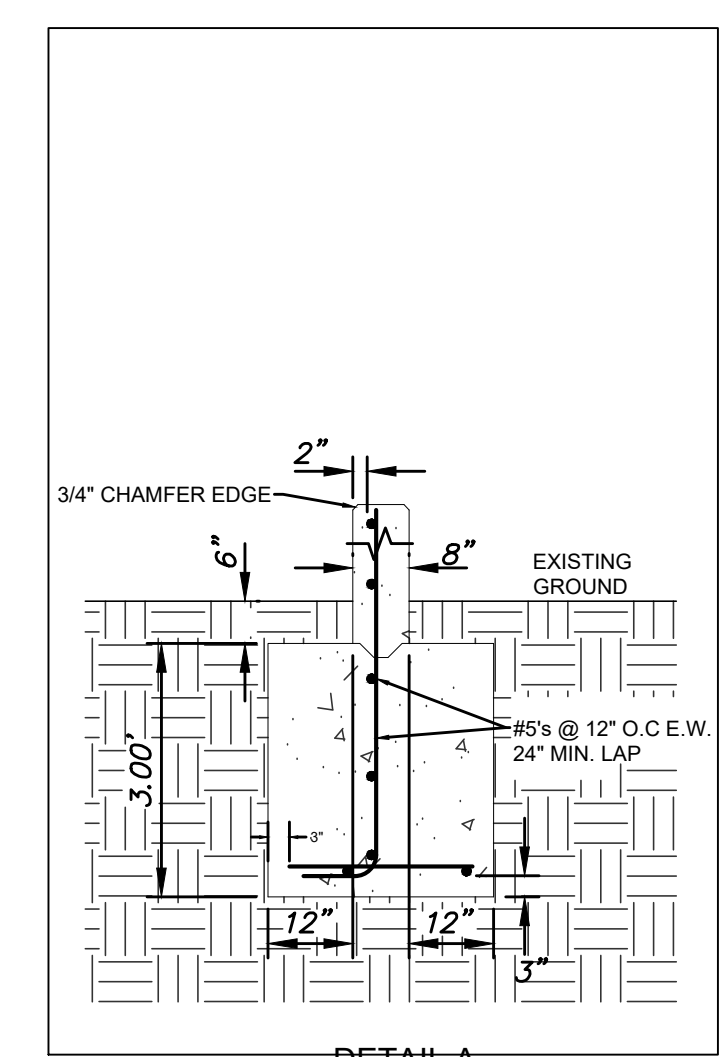
- ADA RAMP NOTES:
- 1.0% MINIMUM, 2.0% MAXIMUM CROSS SLOPE.
  - VARIABLE HEIGHT VERTICAL CURB. IF TRAVERSABLE USE A MAX. 1V:10H FLARE MEASURED PARALLEL TO THE CURB LINE.
  - HEIGHT VARIES TO MEET EXISTING GROUND.
  - THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE FOOT OF CURB RAMP RUNS, BLENDED TRANSITIONS, AND TURNING SPACES SHALL BE 5% MAXIMUM BEYOND THE BOTTOM GRADE BREAK, A CLEAR SPACE 4' X 4' MINIMUM SHALL BE PROVIDED WITHIN THE WIDTH OF THE PEDESTRIAN STREET CROSSING AND WHOLLY OUTSIDE THE PARALLEL VEHICLE TRAVEL LANE.



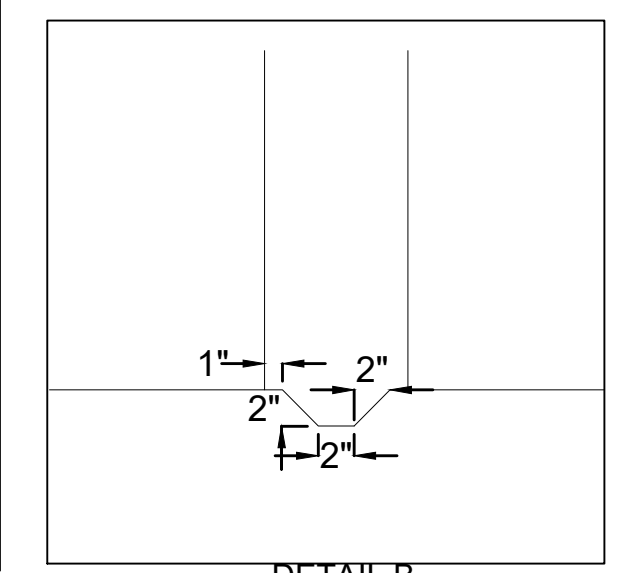
**SECTION A-A**  
SEE SHEET 06 FOR SECTION LOCATION



**SECTION B-B**  
SEE SHEET 06 FOR SECTION LOCATION



**DETAIL A**



**DETAIL B**

**ADA SWITCHBACK RAMP DETAILS**  
NOT TO SCALE

Date

Revision/Issue

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PRELIMINARY NOT FOR CONSTRUCTION, RECORDING PURPOSES OR IMPLEMENTATION

**GRE GREAT RIVER ENGINEERING**

25 YEARS EST. 1997

Missouri State Certificate of Authority Numbers:  
Engineering: 2000156885, Land Surveying: 2001011476,  
Landscape Architecture: 2007013673

MAPLE STREET SIDEWALK IMPROVEMENTS - TAP-9900(134)  
COLE CAMP, MISSOURI

TYPICAL DETAILS

DATE: 02/08/2023  
JOB NUMBER: 3753

SHEET 04 10

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