

RENOVATIONS TO EXTERIOR TROOP B HEADQUARTERS & CRIME LAB MACON, MISSOURI





McCLURETM

2001 W Broadway
Columbia, MO 65203
573.814.1568
www.mecresults.com

**MO CERTIFICATES OF
AUTHORITY**
E-2006023253
S-2012009395
EXPIRES DEC. 31, 2026

OWNER: STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR

DEPARTMENT OF PUBLIC SAFETY
MISSOURI STATE HIGHWAY PATROL

PROJECT
MANAGEMENT: OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT,
DESIGN AND CONSTRUCTION

LIST OF DRAWINGS		
NUMBER	TITLE	DESCRIPTION
1	G-001	COVER SHEET
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11	C-500	DETAILS
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13	C-502	DETAILS 3

DESIGNER: McCLURE ENGINEERING COMPANY
JOSEPH H. TUEY, P.E.
JTUEY@MCCLUREVISION.COM

PROJECT NUMBER: R2510-01

SITE NUMBER: 6003

ASSET NUMBER: 80136003004



- GENERAL NOTES:
1. THESE PLANS WERE GENERATED FROM AVAILABLE RECORDS OF EXISTING BUILDING DOCUMENTS AND FIELD SURVEYS CONDUCTED FOR THIS PROJECT. FIELD VERIFICATION OF ALL ELEVATIONS AND EXISTING CONDITIONS SHOWN ON THE PLANS SHOULD BE MADE PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. McCLURE ENGINEERING COMPANY DOES NOT IMPLY OR GUARANTEE ACCURACY OF THE EXISTING INFORMATION REPRESENTED ON THE PLANS.
 2. NOTIFY UTILITY COMPANIES WHOSE UTILITIES ARE SHOWN ON THE PLANS OR KNOWN TO BE WITHIN THE CONSTRUCTION LIMITS OF THE SCHEDULE PRIOR TO EACH STAGE OF CONSTRUCTION.
 3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL UNCOVER EXISTING UTILITIES AT CRITICAL LOCATIONS TO VERIFY EXACT HORIZONTAL AND VERTICAL LOCATION.
 4. MISSOURI UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION STATUTE (RSMo CHAPTER 319) REQUIRES NOTICE TO MISSOURI ONE CALL 1-800-DIG-RITE (OR 811) NOT LESS THAN 72 HOURS OR MORE THAN 10 WORKING DAYS PRIOR TO BEGINNING EXCAVATION, EXCLUDING WEEKENDS AND HOLIDAYS. SEE WWW.MO1CALL.COM FOR ADDITIONAL DETAILS. THE MEANS AND METHODS OF SAFETY OF THE CONTRACTOR'S EMPLOYEES ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
 5. NO WORK SHALL BE PERFORMED BEYOND THE PROJECT LIMITS WITHOUT PRIOR AUTHORIZATION OF THE OWNER'S REPRESENTATIVE.
 6. PROTECT EXISTING UTILITIES DURING CONSTRUCTION.
 7. MAINTAIN POSITIVE DRAINAGE ON THE SITE THROUGHOUT THE PROJECT DURATION.
 8. SITE CLEAN-UP SHALL BE PERFORMED ON AN DAILY BASIS. SIDEWALKS, PARKING LOTS, ROADWAYS, ETC. SHALL BE KEPT CLEAN AT ALL TIMES.
 9. ALL OPEN EXCAVATIONS SHALL BE PROTECTED.
 10. REPLACE ANY PROPERTY MONUMENTS REMOVED, DISTURBED OR DESTROYED DURING CONSTRUCTION. MONUMENTS SHALL BE SET BY A LAND SURVEYOR REGISTERED TO PRACTICE IN THE STATE OF MISSOURI.
 11. CONTROL DUST SPREADING FROM ALL WORK AND STAGING AREAS.
 12. ANY WORK REQUIRED TO COMPLETE THE SCOPE OF THIS PROJECT BUT NOT SPECIFICALLY CALLED OUT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE COMPLETION OF THIS WORK.
 13. REPAIR OR REPLACE EXISTING FACILITIES (CURBS, PAVEMENT, UTILITIES, ETC.) TO REMAIN, AT NO ADDITIONAL EXPENSE TO THE OWNER.
 14. WORK THAT DOES NOT CONFORM TO THE REQUIREMENTS OF THE CONTRACT WILL BE CONSIDERED UNACCEPTABLE. UNACCEPTABLE WORK, WHETHER THE RESULT OF POOR WORKMANSHIP, USE OF DEFECTIVE MATERIALS, DAMAGE THROUGH CARELESSNESS OR ANY OTHER CAUSE, FOUND TO EXIST PRIOR TO THE FINAL ACCEPTANCE OF THE WORK SHALL BE REMOVED AND REPLACED IN AN ACCEPTABLE MANNER, AS REQUIRED BY McCLURE ENGINEERING COMPANY AT THE CONTRACTOR'S EXPENSE. WORK DONE CONTRARY TO THE DIRECTION OF McCLURE ENGINEERING COMPANY, WORK DONE BEYOND THE PROJECT LIMITS OR ANY EXTRA WORK DONE WITHOUT AUTHORIZATION WILL NOT BE PAID FOR.

STATE OF MISSOURI
MIKE KEHOE,
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DEPARTMENT OF
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MISSOURI STATE
HIGHWAY PATROL

TROOP B HEADQUARTERS
& CRIME LAB RENOVATIONS
TO EXTERIOR

308 PINE CREST DRIVE
MACON, MO
63552

PROJECT NO. R2510-01
SITE NO. 6003
ASSET NO. 80136003004

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 04/22/2026

CAD DWG FILE: R2510-01-6003-80136003004-G-002
DRAWN BY: CJH
CHECKED BY: JHT
DESIGNED BY: JHT

SHEET TITLE:

VICINITY MAP &
NOTES

SHEET NUMBER:

G-002

2 OF 13 SHEETS
APRIL 22, 2026

NEWWORK		ELECTRIC		MONUMENTS	
30	SANITARY SEWER	1	INTERFERENCE CONTOUR	AN	ANCHORING UNIT
31	SANITARY SEWER FORCE MAIN	2	INTERFERENCE CONTOUR	BN	BENCHMARK
32	STORM SEWER	3	PROPERTY LINE	CP	CORNER POINT (TEMPORARY)
33	WATER	4	RAILWAY RIGHT-OF-WAY	EN	ENCLOSURE
34	WATER	5	SECTION LINE	FO	FOOT CANT
35	OVERHEAD ELECTRIC	6	EASEMENT	FR	OUTLET FOUND
36	UNDERGROUND COMMUNICATIONS	7	GLASSMAN	IT	OUTLET SET
37	OVERHEAD COMMUNICATIONS	8	ELABORATE	IV	VIOLATION FOUND (FIRST TIME)
38	UNDERGROUND TELEPHONE	9	EDGE OF PAVEMENT	IVS	VIOLATION FOUND (SECOND TIME)
39	UNDERGROUND TELEPHONE	10	EDGE OF PAVEMENT	IVS	VIOLATION SET (FIRST TIME)
40	UNDERGROUND BELL OPTIC	11	EDGE OF PAVEMENT	IVS	VIOLATION SET (SECOND TIME)
41	UNDERGROUND CABLE	12	AGRICULTURE LINE	SC	SECTION CORNER SET
42	UNDERGROUND CABLE	13	TOPOGRAPHY OF SLOPE	SCS	SECTION CORNER SET
43	GAS	14	ROAD CENTERLINE	IP	POST
44	GAS	15	WATERWAY FLOWLINE	IPD	WOODEN POST
45	UTILITY QUALITY LEVELS				
UTILITY QUALITY LEVELS UTILITY QUALITY LEVELS ARE BASED ON THE CRATES 30-40 STANDARD. UTILITY QUALITY LEVEL 1 A PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITY FEATURES BY THE ACTUAL EXPOSURE OR BY THE USE OF PREVIOUSLY EXPOSED DATA AND THE REGISTERED OR SUBSURFACE MEASUREMENT OF SURFACE UTILITIES UTILITY QUALITY LEVEL 2 INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROVED SURFACE GEOTECHNICAL METHODS TO ESTABLISH THE EXISTENCE AND APPROXIMATE VERTICAL POSITION OF SUBSURFACE UTILITIES UTILITY QUALITY LEVEL 3 INFORMATION OBTAINED BY SURVEYING AND PLOTTING VALUES ABOVE GROUND SURFACE FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THE INFORMATION TO QUALITY LEVEL 2 INFORMATION UTILITY QUALITY LEVEL 4 INFORMATION DERIVED FROM EXISTING RECORDS OR DATA, RECOLLECTIONS, OR INFORMATION FROM THE FIELD OF WORK PERSONNEL INFORMATION FROM THE FIELD OF WORK PERSONNEL IS NOT UTILIZED AS THE ONLY QUALITY UTILITY INFORMATION SYSTEM.					
GENERAL SITE FEATURES 1. BOLLARD 2. ROAD 3. FLOOD LIGHT 4. GUY WIRE 5. MAIL BOX 6. NON-SUBURB POST 7. NON-SINGLE POST 8. SOLID BORE 9. STREET LIGHT 10. UTILITY POLE 11. UTILITY POLE W/STREET LIGHT 12. UNKNOWN MANHOLE					
SAINTARY SEWER 1. SANITARY SEWER GLASSLIFT 2. SANITARY SEWER MANHOLE 3. SEPTIC TANK LID					

	SIDEWALK (MATERIAL NOTED)
	CONCRETE
	ASPHALT
	SP RAP
	GRAVEL
	GRASS

CP	CONTROL POINT
BM	BENCHMARK
R.O.W.	RIGHT-OF-WAY
ASPH	ASPHALT
CCC	CONCRETE
FL	FLOWLINE
TYP	TYPICAL
FND	FOUND
PUE	PUBLIC UTILITY EASEMENT

DESIGN INFORMATION REQUEST TICKET # 251992849
DESIGN INFORMATION LOCATE TICKET # 252022249
BRIGHTSPEED CITY OF MACON
(TELECOM) (GAS, SEWER, WATER)
PHONE #: 833-363-2360 PHONE #: 660-385-2183

CHARITON VALLEY
(TELECOM & TV)
PHONE #: 660-395-9616

CITY OF MACON ELECTRIC
(ELECTRIC)
PHONE #: 660-385-2183

US STATE PLANE 1983
MO CENTRAL 2402 GEOID 12B
COORDINATES REDUCED TO GROUND
GROUND SCALE FACTOR = 1.0001033970

BENCHMARK 99 (BM99, A CHISELED V) WAS SET ON THE BASE OF A FLAG POLE LOCATED ON THE NORTHERN END OF THE SITE BY MCCLURE ON 05/28/2020. BM 99 AND THE CONCRETE FLAG POLE BASE THE BENCHMARK WAS SET ON WAS REMOVED PRIOR TO 07/17/2025.

CONTROL POINTS TABLE				
CONTROL POINTS	DESCRIPTION	NORTHING	EASTING	ELEVATION
100	/ PK LOST	1426558.07'	1647229.55'	875.90'
101	/ PK	1426418.73'	1646950.65'	881.37'
102	/ RBC	1426331.29'	1647279.18'	881.16'
103	/ PK	1426667.83'	1647456.77'	869.70'
104	/ PK LOST	1426273.79'	1647041.82'	877.78'
200	/ 12 RBC	1426259.07'	1647031.59'	878.54'
201	/ PK	1426560.72'	1647186.70'	876.63'

BENCHMARK TABLE				
BENCHMARK	DESCRIPTION	NORTHING	EASTING	ELEVATION
90	/ SQUARE CUT ON TROOP SIGN	1426494.26'	1647126.17'	880.64'
99	/ CHISELED V LOST DUE TO FLAG FOUNDATION REMOVAL	1426470.35'	1647134.01'	882.62'

THE UTILITIES DEPICTED ON THIS DOCUMENT HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND/OR RECORDS OBTAINED. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES OR SUBSURFACE FEATURES SHOWN COMPRISE ALL SUCH ITEMS IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES OR SUBSURFACE FEATURES SHOWN ARE IN THE EXACT LOCATION INDICATED EXCEPT WHERE NOTED AS QUALITY LEVEL A.

- TELECOM HANDHOLE
- FIBER OPTIC MARKER
- SATELLITE DISH
- TELECOM MANHOLE
- TELEPHONE PEDESTAL
- TWICABLE PEDESTAL

TRAFFIC

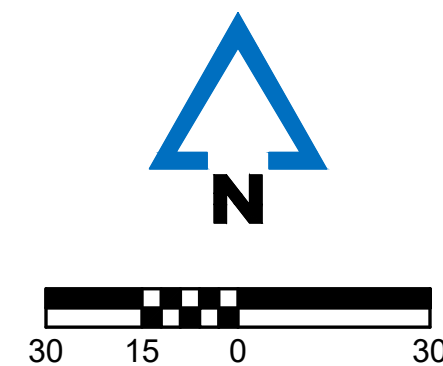
- PEDESTRIAN SIGNAL
- SIGNAL CONTROL CABINET
- TRAFFIC HANDHOLE
- TRAFFIC MANHOLE
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL IN STREET LIGHT

VEGETATION

- CONIFEROUS TREE (SIZE VARIES)
- DECIDUOUS TREE (SIZE VARIES)
- SHRUB (SIZE VARIES)
- TREE STUMP (SIZE VARIES)
- TREE (DEAD)

- CURB STOP
- FIRE HYDRANT
- IRRIGATION VALVE
- MONITORING WELL
- POST INDICATOR VALVE
- WATER MANHOLE
- WATER MARKER
- WATER SPIGOT
- WATER VALVE
- WATER VALVE MANHOLE
- YARD HYDRANT

THIS DOCUMENT HAVE
SURVEY INFORMATION
THE SURVEYOR MAKES
ILITIES OR SUBSURFACE
ALL SUCH ITEMS IN THE
ABANDONED, THE
OT WARRANT THAT THE
ATURES SHOWN ARE IN
TED EXCEPT WHERE



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REPAIR BUILDING EXTERIOR
TROOP B HEADQUARTERS
& CRIME LAB

308 PINE CREST DRIVE
MACON, MO
63552

PROJECT NO. R2510-01
SITE NO. 6003
ASSET NO. 80136003004

REVISION: _____
DATE: _____
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DATE: _____
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DATE: _____

ISSUE DATE: 04/22/2026

CAD DWG FILE: R2510-01-6002-80136003004-G-00

DRAWN BY: CJH
CHECKED BY: JHT
DESIGNED BY: JHT

SHEET TITLE:

EXISTING CONDITIONS & LEGEND

SHEET NUMBER:

G-003

3 OF 13 SHEETS
APRIL 22, 2026

EROSION CONTROL PLAN NOTES:

- CONTRACTOR SHALL TAKE ACTIVE MEASURES TO KEEP SEDIMENT FROM LEAVING THE SITE, ENTERING STORM DRAINS AND DEPOSITING ON PAVEMENT.

CONSTRUCTION NOTES:

- THIS FACILITY IS AT AN ACTIVE LAW ENFORCEMENT FACILITY. CONTRACTOR SHALL, AT ALL TIMES, NOTIFY FACILITY STAFF WHEN ON SITE AND TO CHECK IN AND OUT OF THE SITE.
- CONSTRUCTION PARKING AND STAGING WILL BE PER FACILITY STAFF DIRECTION.
- CONTRACTOR SHALL KEEP ONE DRIVE FOR SITE ACCESS CLEAR AND AVAILABLE TO THE OWNER, THE OWNER'S EMPLOYEES, AND EMERGENCY VEHICLES AT ALL TIMES. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL SUBMIT A PHASING PLAN TO OWNER FOR REVIEW AND APPROVAL PER PHASING PLAN, SEE SHEET G-004.
- DUE TO THE LIMITATIONS OF ON-SITE PARKING, NO PAVEMENT DEBRIS SHALL BE RETAINED ON SITE. DEMOLISHED PAVEMENT MATERIALS SHALL BE REMOVED BY THE END OF EACH WORKING DAY.

PHASING PLAN NOTES:

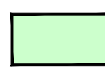
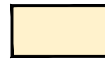
- FINAL PHASING PLAN SHALL BE SUBMITTED BY CONTRACTOR TO OWNER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION ACTIVITIES.

KEY NOTES

1

CONTRACTOR SHALL SHALL KEEP ONE DRIVE FOR SITE ACCESS CLEAR AND AVAILABLE TO THE OWNER, THE OWNER'S EMPLOYEES, AND EMERGENCY VEHICLES AT ALL TIMES.

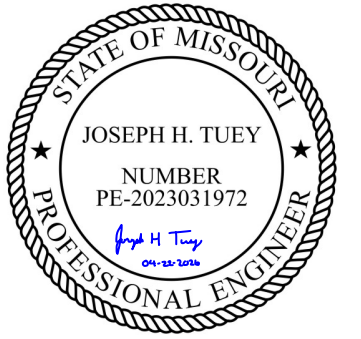
LEGEND

- | | |
|---|---------------------------------------|
|  | PHASE 1 APPROXIMATE POTENTIAL EXTENTS |
|  | PHASE 2 APPROXIMATE POTENTIAL EXTENTS |
|  | PHASE 3 APPROXIMATE POTENTIAL EXTENTS |
|  | PHASE 4 APPROXIMATE POTENTIAL EXTENTS |

NOTE: POTENTIAL PHASING EXTENTS AS SHOWN FOR REFERENCE ONLY. ACTUAL EXTENTS SHALL BE SUBMITTED BY CONTRACTOR PRIOR TO CONSTRUCTION ACTIVITIES, SEE PHASING PLAN NOTES, THIS SHEET.



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DATE: _____
ISSUE DATE: 04/22/2026

CAD DWG FILE: R2510-01-6003-80136003004-G-004
DRAWN BY: CJH
CHECKED BY: JHT
DESIGNED BY: JHT

SHEET TITLE:
PHASING PLAN

SHEET NUMBER:

G-004

4 OF 13 SHEETS
APRIL 22, 2026

EROSION CONTROL PLAN NOTES:

- CONTRACTOR SHALL TAKE ACTIVE MEASURES TO KEEP SEDIMENT FROM LEAVING THE SITE, ENTERING STORM DRAINS AND DEPOSITING ON PAVEMENT.

CONSTRUCTION NOTES:

- THIS FACILITY IS AT AN ACTIVE LAW ENFORCEMENT FACILITY. CONTRACTOR SHALL, AT ALL TIMES, NOTIFY FACILITY STAFF WHEN ON SITE AND TO CHECK IN AND OUT OF THE SITE.
- CONSTRUCTION PARKING AND STAGING WILL BE PER FACILITY STAFF DIRECTION. DUE TO THE LIMITATIONS OF ON-SITE PARKING, NO PAVEMENT DEBRIS SHALL BE RETAINED ON SITE. DEMOLISHED PAVEMENT MATERIALS SHALL BE REMOVED BY THE END OF EACH WORKING DAY.

KEY NOTES

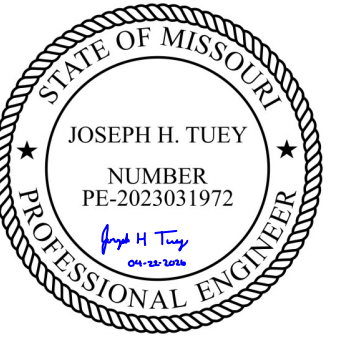
- CONCRETE PAVEMENT REMOVAL (THICKNESS VARIES). SAWCUT AT EXISTING JOINT, TYP.
- CONCRETE WALL REMOVAL.
- CONCRETE SIDEWALK REMOVAL.
- CONCRETE CURB REMOVAL.
- PROTECT UNDERGROUND COMMUNICATION LINE.
- PROTECT UNDERGROUND ELECTRIC LINE.
- PROTECT ELECTRIC MANHOLE AND LINE. CONTRACTOR TO VERIFY CONDITION, LOCATION AND DEPTH OF UTILITY LINE PRIOR TO CONSTRUCTION AND RELOCATE IF NECESSARY.
- PROTECT CITY OF MACON UNDERGROUND ELECTRIC LINE AT APPROXIMATE ELEVATION OF 878.60'. CONTRACTOR TO VERIFY DEPTH AND CONDITION OF LINE PRIOR TO CONSTRUCTION.
- PROTECT OVERHEAD ELECTRIC LINE.
- PROTECT EX 8" VCP STORM SEWER LINE AT APPROXIMATE FL = 873.83 AT THE FACE OF THE EXISTING WALL. PROTECT EXISTING STORM LINE PRIOR TO INSTALLATION OF THE RETAINING WALL AND FOUNDATION DRAIN. SEE SHEET C-100, NOTE 10 FOR INFORMATION REGARDING RETAINING WALL AND DRAIN CONSTRUCTION.
- CITY OF MACON EX 6" PVC SANITARY SEWER LINE AT APPROXIMATE FL = 872.62 AT THE FACE OF THE EXISTING WALL. DO NOT DISTURB.
- PROTECT EXISTING AREA INLET.
- PROTECT EXISTING HVAC EQUIPMENT. HVAC SYSTEM FOR BUILDING TO REMAIN IN OPERATION THROUGHOUT CONSTRUCTION. CONTRACTOR TO UTILIZE SCREENS, TARPS, OR OTHER METHODS AS NEEDED TO PREVENT DUST & DEBRIS FROM IMPACTING OPERATIONS & PERFORMANCE OF THE EQUIPMENT.
- PROTECT EXISTING OIL SEPARATORS.
- PROTECT EXISTING VACUUM EQUIPMENT AT GARAGE.
- PROTECT EXISTING BOLLARDS.
- EXISTING BUILDING TO BE MOVED BY OWNER PRIOR TO CONSTRUCTION.
- PROTECT WALL FACE AND DOORS DURING CONSTRUCTION
- CONTRACTOR SHALL KEEP ONE DRIVE FOR SITE ACCESS CLEAR AND AVAILABLE TO THE OWNER, THE OWNER'S EMPLOYEES, AND EMERGENCY VEHICLES AT ALL TIMES, PER PHASING SHEET G-004.
- REMOVE EXISTING CONCRETE STOOP (THICKNESS VARIES).
- PROTECT EXISTING CANOPY. TEMPORARILY BRACE CANOPY DURING CONSTRUCTION OF SIDEWALK AS NEEDED. REPLACE EXISTING SUPPORT COLUMN AT CONCLUSION OF CONSTRUCTION.
- ASPHALT PAVEMENT REMOVAL. SAWCUT AT EXISTING JOINT, TYP.
- GRASS & SOIL REMOVAL. REMOVE GRASS & SOIL FROM EXISTING SIDEWALK TO GRAVEL DRIVE EXTENTS.

LEGEND

- | | |
|--|----------------------------|
| | REMOVE - CONCRETE PAVEMENT |
| | REMOVE - CONCRETE SIDEWALK |
| | REMOVE - RETAINING WALL |
| | REMOVE - CONCRETE CURB |
| | REMOVE - ASPHALT PAVEMENT |
| | REMOVE - GRASS & SOIL |



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DATE: _____

ISSUE DATE: 04/22/2026

CAD DWG FILE: R2510-01-6003-80136003004-03-100
DRAWN BY: CJH
CHECKED BY: JHT
DESIGNED BY: JHT

SHEET TITLE:

DEMOLITION
PLAN - BASE BID

SHEET NUMBER:

D-100

5 OF 13 SHEETS
APRIL 22, 2026

EROSION CONTROL PLAN NOTES:

- CONTRACTOR SHALL TAKE ACTIVE MEASURES TO KEEP SEDIMENT FROM LEAVING THE SITE, ENTERING STORM DRAINS AND DEPOSITING ON PAVEMENT.

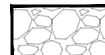
CONSTRUCTION NOTES:

- THIS FACILITY IS AT AN ACTIVE LAW ENFORCEMENT FACILITY. CONTRACTOR SHALL, AT ALL TIMES, NOTIFY FACILITY STAFF WHEN ON SITE AND TO CHECK IN AND OUT OF THE SITE.
- CONSTRUCTION PARKING AND STAGING WILL BE PER FACILITY STAFF DIRECTION. TO OWNER FOR REVIEW AND APPROVAL PER PHASING PLAN. SEE SHEET G-004.
- DUE TO THE LIMITATIONS OF ON-SITE PARKING, NO PAVEMENT DEBRIS SHALL BE RETAINED ON SITE. DEMOLISHED PAVEMENT MATERIALS SHALL BE REMOVED BY THE END OF EACH WORKING DAY.

KEY NOTES

- GRAVEL PAVEMENT REMOVAL.
- REMOVE EXISTING CHAIN LINK FENCE.

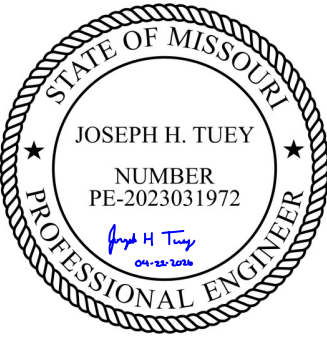
LEGEND



REMOVE - GRAVEL PAVEMENT



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DRAWN BY: CJH
CHECKED BY: JHT
DESIGNED BY: JHT

SHEET TITLE:

DEMOLITION
PLAN - ALTERNATE
NO.1

SHEET NUMBER:

D-101

6 OF 13 SHEETS
APRIL 22, 2026

EROSION CONTROL PLAN NOTES:

1. CONTRACTOR SHALL TAKE ACTIVE MEASURES TO KEEP SEDIMENT FROM LEAVING THE SITE, ENTERING STORM DRAINS AND DEPOSITING ON PAVEMENT.

CONSTRUCTION NOTES:

1. THIS FACILITY IS AT AN ACTIVE LAW ENFORCEMENT FACILITY. CONTRACTOR SHALL, AT ALL TIMES, NOTIFY FACILITY STAFF WHEN ON SITE AND TO CHECK IN AND OUT OF THE SITE.
2. CONSTRUCTION PARKING AND STAGING WILL BE PER FACILITY STAFF DIRECTION.
3. DUE TO THE LIMITATIONS OF ON-SITE PARKING, NO PAVEMENT DEBRIS SHALL BE RETAINED ON SITE. DEMOLISHED PAVEMENT MATERIALS SHALL BE REMOVED BY THE END OF EACH WORKING DAY.

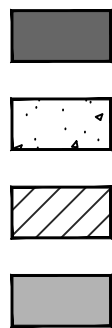
DOWEL BAR NOTES:

1. #4 DOWEL BARS SHALL BE PLACED AT 40' @ 30" SPACING AND AT END OF DAY'S WORK PER SPECIFICATION SECTION 032000.

KEY NOTES

- 1 NEW 6" CONCRETE PAVEMENT. INSTALL NEW EXPANSION JOINT AT CONNECTION TO EXISTING PAVEMENT, TYP.
- 2 NEW RETAINING WALL TO BE INSTALLED AT APPROXIMATELY 3' FROM EXISTING RETAINING WALL LOCATION, TYP.
- 3 NEW ADA COMPLIANT SIDEWALK PER DETAIL 6, SEE SHEET C-500.
- 4 NEW 6" CURB PER DETAIL 4, SEE SHEET C500.
- 5 PROTECT UNDERGROUND COMMUNICATION LINE.
- 6 PROTECT UNDERGROUND ELECTRIC LINE.
- 7 PROTECT ELECTRIC MANHOLE AND LINE. CONTRACTOR TO VERIFY CONDITION, LOCATION AND DEPTH OF UTILITY LINE PRIOR TO CONSTRUCTION AND RELOCATE IF NECESSARY.
- 8 CITY OF MACON UNDERGROUND ELECTRIC LINE AT APPROXIMATE ELEVATION OF 878.60'. CONTRACTOR TO VERIFY DEPTH AND CONDITION OF LINE PRIOR TO CONSTRUCTION. CONTRACTOR TO PENETRATE WALL WITH CONDUIT.
- 9 PROTECT OVERHEAD ELECTRIC LINE.
- 10 THE RETAINING WALL FOUNDATION DRAIN SYSTEM SHALL BE CONNECTED TO THE EXISTING STORM SEWER BY REMOVING A LIMITED SECTION OF EXISTING VITRIFIED CLAY PIPE (VCP) AND REPLACING IT WITH NEW PVC STORM SEWER PIPE. REPLACEMENT PIPE SHALL BE PVC WITH INTEGRAL RUBBER GASKET BELL-AND-SPIGOT JOINTS AND INSTALLED TO PROVIDE WATERTIGHT CONNECTIONS. TRANSITIONS BETWEEN EXISTING VCP AND NEW PVC SHALL BE MADE USING APPROVED SHIELDED FLEXIBLE COUPLINGS DESIGNED FOR DISSIMILAR PIPE MATERIALS. ALL JOINTS SHALL BE WATERTIGHT. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND LOCAL JURISDICTION REQUIREMENTS. SEE SHEET C501 STORM TIE IN AND PIPE PENETRATION DETAIL.
- 11 CITY OF MACON EX 6" SANITARY SEWER LINE AT APPROXIMATE FL = 872.55 AT THE BACK OF THE PROPOSED WALL. CONTRACTOR TO VERIFY CONDITION, LOCATION AND DEPTH OF UTILITY LINE PRIOR TO CONSTRUCTION.
- 12 RESET TOP OF STORM INLET TO FINISHED GRADE.
- 13 PROTECT EXISTING HVAC EQUIPMENT. HVAC SYSTEM FOR BUILDING TO REMAIN IN OPERATION THROUGHOUT CONSTRUCTION. CONTRACTOR TO UTILIZE SCREENS, TARPS, OR OTHER METHODS AS NEEDED TO PREVENT DUST & DEBRIS FROM IMPACTING OPERATIONS & PERFORMANCE OF THE EQUIPMENT.
- 14 PROTECT EXISTING OIL SEPARATORS.
- 15 PROTECT EXISTING VACUUM EQUIPMENT AT GARAGE.
- 16 PROTECT EXISTING BOLLARDS.
- 17 EXISTING BUILDING WILL BE MOVED BY OWNER PRIOR TO CONSTRUCTION.
- 18 CONTRACTOR SHALL KEEP ONE DRIVE FOR SITE ACCESS CLEAR AND AVAILABLE TO THE OWNER, THE OWNER'S EMPLOYEES, AND EMERGENCY VEHICLES AT ALL TIMES, PER PHASING SHEET G-004.
- 19 PROTECT EXISTING CANOPY. TEMPORARILY BRACE CANOPY DURING CONSTRUCTION OF SIDEWALK AS NEEDED.
- 20 REPLACE EXISTING WOOD SUPPORT COLUMN AT CONCLUSION OF CONSTRUCTION. REPLACE AND PAINT IN LIKE KIND WITH NEW POST BASE, SIMPSON ABA, ZMAX COATING OR APPROVED EQUAL. ANCHOR W/ (1) 1/2" X 3" TITEN HD SCREW TO CONCRETE AND (6) SD912 SCREWS OR APPROVED EQUAL TO POST.
- 21 CONSTRUCT STAIRWAY AND HANDRAIL AS SHOWN PER DETAIL #10, 11, & 13 ON PAGE C-501 & CONCRETE SIDEWALK PER DETAIL, SEE SHEET C-500.
- 22 NEW ROLLTOP MONOLITHIC CURB.
- 23 INSTALL EXPANSION JOINT BETWEEN BUILDING AND NEW SIDEWALK, TYP.
- 24 PROTECT WALL FACE AND DOORS DURING CONSTRUCTION.
- 25 ADA ACCESSIBLE PARKING STALL PER DETAIL 5, SEE SHEET C500.
- 26 NEW PAVEMENT MARKING (SEE SPECIFICATIONS SECTION 321723, TYP).
- 27 4" SCH 40 PVC PERFORATED PIPE FOUNDATION DRAIN.

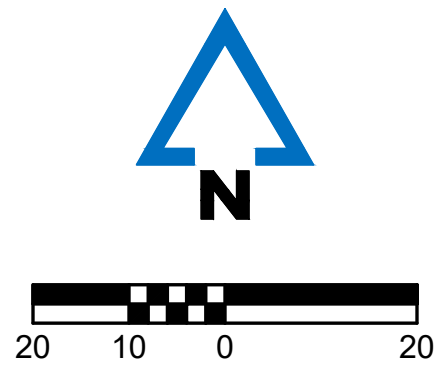
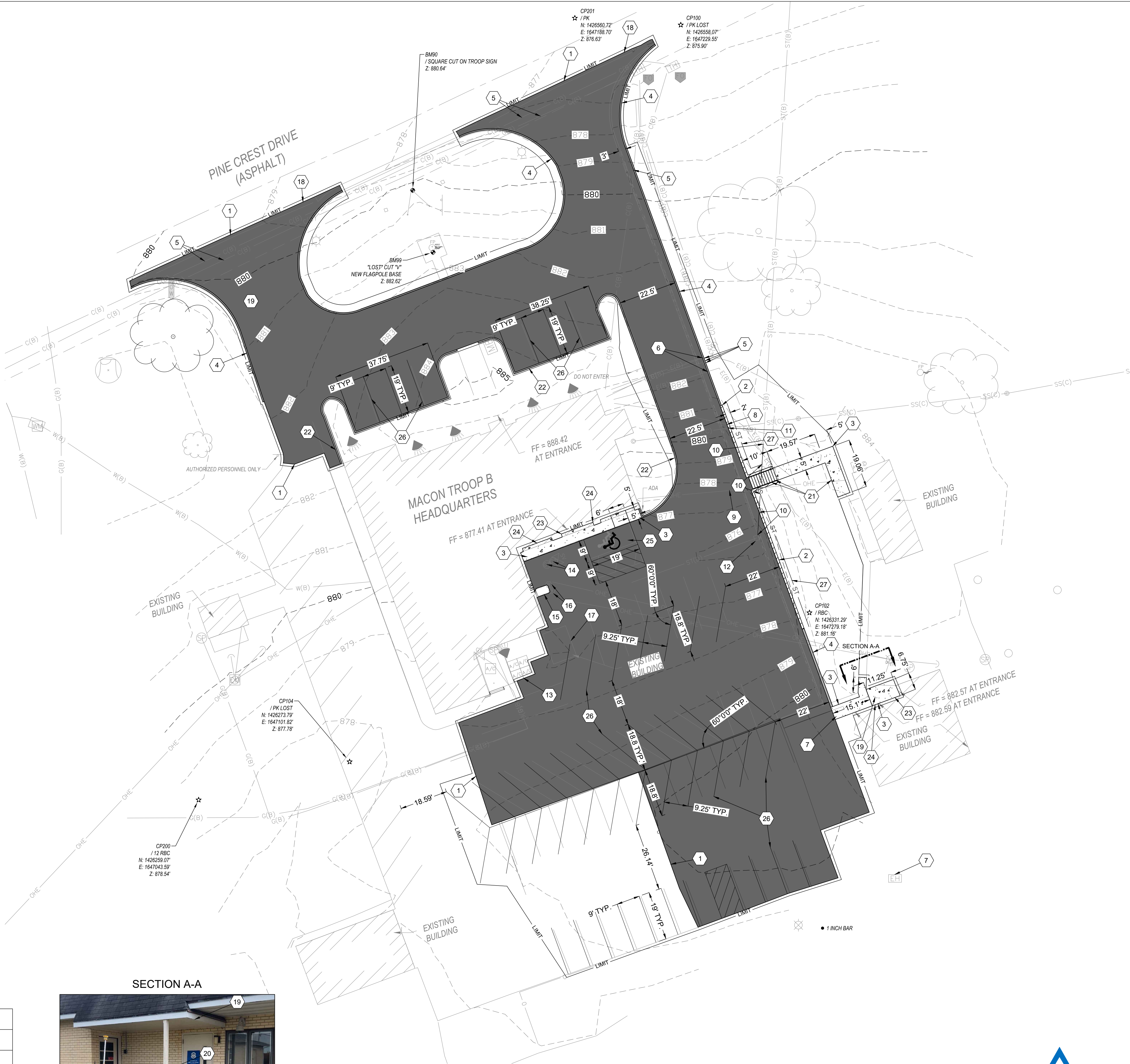
LEGEND



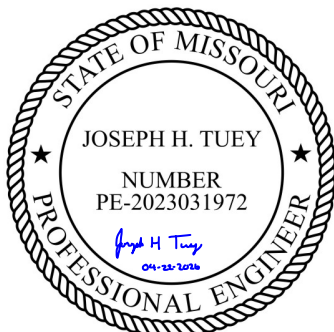
CONCRETE PAVEMENT
CONCRETE SIDEWALK
RETANING WALL
CONCRETE CURB

PARKING		
USE	# OF PARKING STALLS	
EXISTING TOTAL PARKING	61	
PROPOSED STANDARD PARKING	46	
PROPOSED STANDARD ADA PARKING	1	
REMAINING EXISTING PARKING	14	
PROPOSED TOTAL PARKING	61	

SECTION A-A



STATE OF MISSOURI
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308 PINE CREST DRIVE
MACON, MO
63552

PROJECT NO. R2510-01
SITE NO. 6003
ASSET NO. 80136003004

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 04/22/2026

CAD DWG FILE: R2510-01-6003-80136003004-C-100
DRAWN BY: CJH
CHECKED BY: JHT
DESIGNED BY: JHT

SHEET TITLE:

IMPROVEMENT
PLAN - BASE BID

SHEET NUMBER:

C-100

7 OF 13 SHEETS
APRIL 22, 2026

EROSION CONTROL PLAN NOTES:

- CONTRACTOR SHALL TAKE ACTIVE MEASURES TO KEEP SEDIMENT FROM LEAVING THE SITE, ENTERING STORM DRAINS AND DEPOSITING ON PAVEMENT.

CONSTRUCTION NOTES:

- THIS FACILITY IS AT AN ACTIVE LAW ENFORCEMENT FACILITY. CONTRACTOR SHALL, AT ALL TIMES, NOTIFY FACILITY STAFF WHEN ON SITE AND TO CHECK IN AND OUT OF THE SITE.
- CONSTRUCTION PARKING AND STAGING WILL BE PER FACILITY STAFF DIRECTION.
- DUE TO THE LIMITATIONS OF ON-SITE PARKING, NO PAVEMENT DEBRIS SHALL BE RETAINED ON SITE. DEMOLISHED PAVEMENT MATERIALS SHALL BE REMOVED BY THE END OF EACH WORKING DAY.

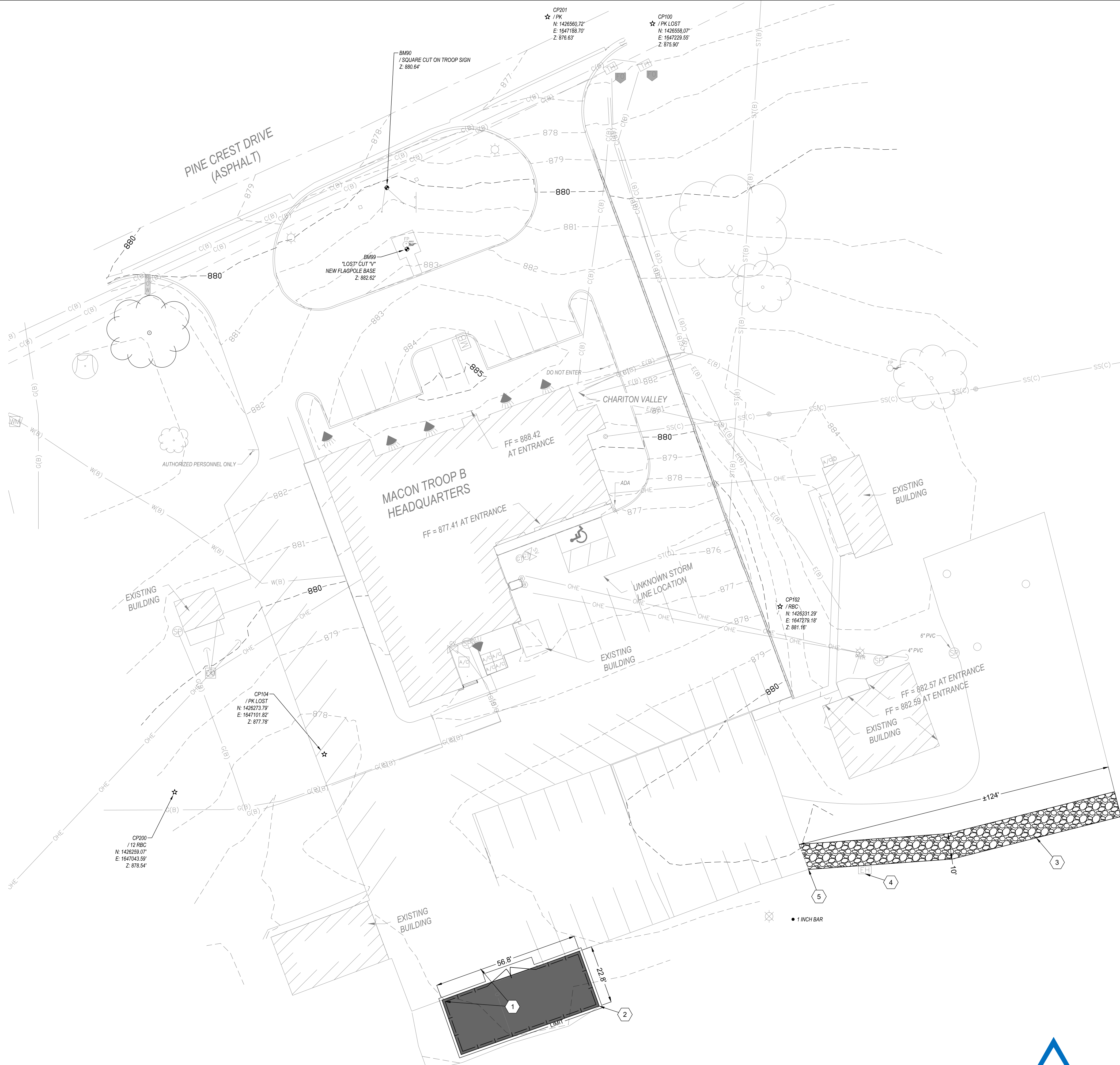
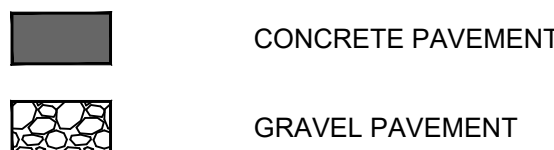
DOWEL BAR NOTES:

- #4 DOWEL BARS SHALL BE PLACED AT 40' @ 30' SPACING AND AT END OF DAY'S WORK PER SPECIFICATION SECTION 032000.

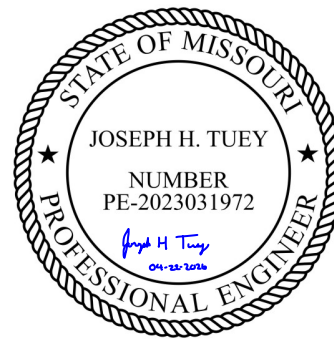
KEY NOTES

- NEW 8'-HIGH BARBED WIRE FENCE WITH 2-10' SWING GATES.
- NEW 6" CONCRETE PAVEMENT. INSTALL NEW EXPANSION JOINT AT CONNECTION TO EXISTING PAVEMENT, TYP.
- INSTALL 10' NEW GRAVEL PAVEMENT ALONG EXISTING GRAVEL DRIVE. CONNECT TO EXISTING GRAVEL DRIVE.
- PROTECT ELECTRIC MANHOLE AND LINE. CONTRACTOR TO VERIFY CONDITION, LOCATION AND DEPTH OF UTILITY LINE PRIOR TO CONSTRUCTION.
- INSTALL GRAVEL TO EDGE OF PROPOSED PARKING LOT EXTENTS.

LEGEND



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CAD DWG FILE: R2510-01-6003-80136003004-C-101
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CHECKED BY: JHT
DESIGNED BY: JHT

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PLAN - ALTERNATE
NO.1

SHEET NUMBER:

C-101

8 OF 13 SHEETS
APRIL 22, 2026

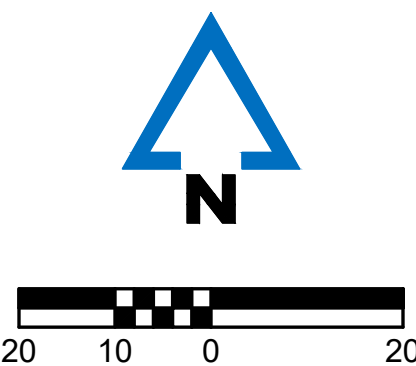
1. MATCH EXISTING GRADE IN ALL LOCATIONS EXCEPT AS NOTED
2. "EG" INDICATES APPROXIMATE EXISTING GRADE ELEVATION AT NOTED LOCATIONS.
3. "FG" INDICATES PROPOSED FINISH (FORM) GRADE ELEVATION AT NOTED LOCATION
4. DO NOT EXCEED 2% MAXIMUM SLOPE AT ALL SIDEWALKS.
5. CONTRACTOR TO FIELD VERIFY AND CONTACT ENGINEER IN CASE OF DISCREPANCY.
6. SIDEWALK SAWCUTS TO BE 8" O.C. AT SIDEWALKS AND ALIGNED WITH EAST &
7. ALL WORK AND MATERIALS NOT CLASSIFIED AS A "CONTRACT PAY ITEM," BUT
8. EQUIVALENT TO COMPLETELY UNIFORM FIRMNESS, SHALL BE REMOVED AND REAGED UP TO SPECIFICATIONS, SHALL BE CONSIDERED INCIDENTAL AND THE COST THEREOF SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS WHICH ARE CLASSIFIED FOR PAYMENT IN THE CONTRACT.
9. EXCESS TOPSOIL OR DIRT NOT SUITABLE AS FILL MATERIAL, OR EXCESS TOPSOIL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AS PART OF GRADING OPERATIONS, IF AN ONSITE LOCATION FOR SPOILS IS NOT LOCATED BY THE OWNER'S REPRESENTATIVE.
10. PRIOR TO PLACING ROAD SURFACING OR FILL MATERIALS, SUBGRADE SHALL BE COMPACTED TO A UNIFORM FIRMNESS, AND EVEN FIRMNESS, AND PRIOR TO PLACING STRUCTURAL FILL, IF UNSUITABLE SUBGRADE IS DETECTED THAT CANNOT BE COMPACTED TO A UNIFORM FIRMNESS, THE UNSUITABLE SOIL SHALL, IF PRACTICAL, BE SCARIFIED AND REAGED TO A UNIFORM FIRMNESS, AND REAGED TO A UNIFORM FIRMNESS, AND REAGED UP TO 10" OF COMPACTED STRUCTURAL FILL, AS NEEDED PER SPECIFICATION 312300, UNTIL FIRM CONDITIONS ARE CREATED.

- 1 ELEVATION OF 878.60'. CONTRACTOR TO VERIFY DEPTH AND CONDITION OF LINE PRIOR TO CONSTRUCTION. CONTRACTOR TO PENETRATE WALL WITH CONDUIT.
- 2 PROTECT EX 8" VCP STORM SEWER LINE AT APPROXIMATE FL = 873.69 AT THE BACK OF THE PROPOSED WALL. CONTRACTOR TO VERIFY CONDITION, LOCATION AND DEPTH OF UTILITY LINE PRIOR TO CONSTRUCTION.
- 3 CITY OF MACON EX 6" SANITARY SEWER LINE AT APPROXIMATE FL = 873.55 AT THE BACK OF THE PROPOSED WALL. CONTRACTOR TO VERIFY CONDITION, LOCATION AND DEPTH OF UTILITY LINE PRIOR TO CONSTRUCTION. CONTRACTOR TO PENETRATE WALL.
- 4 NEW 6" CONCRETE PAVEMENT TO CONNECT TO NEW SIDEWALK.



NTS

PV - TOP OF PAVEMENT
TC - TOP OF CURB
TW - TOP OF WALL
EG - EXISTING GRADE
SW - SIDEWALK
TS - TOP OF STAIRS
BS - BOTTOM OF STAIRS



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9 OF 13 SHEETS
APRIL 22, 2026

GRADING NOTES:

1. MATCH EXISTING GRADE IN ALL LOCATIONS EXCEPT AS NOTED
2. "EG" INDICATES APPROXIMATE EXISTING GRADE ELEVATION AT NOTED LOCATIONS.
3. "FG" INDICATES PROPOSED FINISH (FORM) GRADE ELEVATION AT NOTED LOCATION.
4. DO NOT EXCEED 2% MAXIMUM CROSS SLOPE AT ALL SIDEWALKS.
5. CONTRACTOR TO FIELD VERIFY AND CONTACT ENGINEER IN CASE OF DISCREPANCY.
6. SIDEWALK SAWCUTS TO BE 5' O.C. AT SIDEWALKS AND ALIGNED WITH EAST &
7. ALL WORK AND/OR MATERIALS NOT CLASSIFIED AS A "CONTRACT PAY ITEM", BUT REQUIRED TO COMPLETE CONSTRUCTION AS SHOWN IN THE PLANS AND SPECIFICATIONS, SHALL BE CONSIDERED INCIDENTAL AND THE COST THEREOF SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS WHICH ARE CLASSIFIED FOR PAYMENT IN THE CONTRACT.
8. EXCESS SPOIL DIRT NOT SUITABLE AS FILL MATERIAL OR EXCESS TOPSOIL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AS PART OF GRADING OPERATIONS, IF AN ONSITE LOCATION FOR SPOILS IS NOT LOCATED BY THE OWNER'S REPRESENTATIVE.
9. PRIOR TO PLACING ROCK SURFACING OR FILL MATERIALS, SUBGRADES SHALL BE COMPACTED TO UNIFORM FIRMNESS AND EVALUATED BEFORE PLACING STRUCTURAL FILL. IF UNSUITABLE SUBGRADE IS DETECTED THAT CANNOT BE COMPACTED TO A UNIFORM FIRMNESS, THE UNSUITABLE SOIL SHALL, IF PRACTICAL, BE SCARIFIED AERATED AND RE-COMPACTED AS NECESSARY, OR BE REMOVED AND REPLACED WITH UP TO 3' OF COMPACTED STRUCTURAL FILL AS NEEDED PER SPECIFICATION 312300, UNTIL FIRM CONDITIONS ARE CREATED.

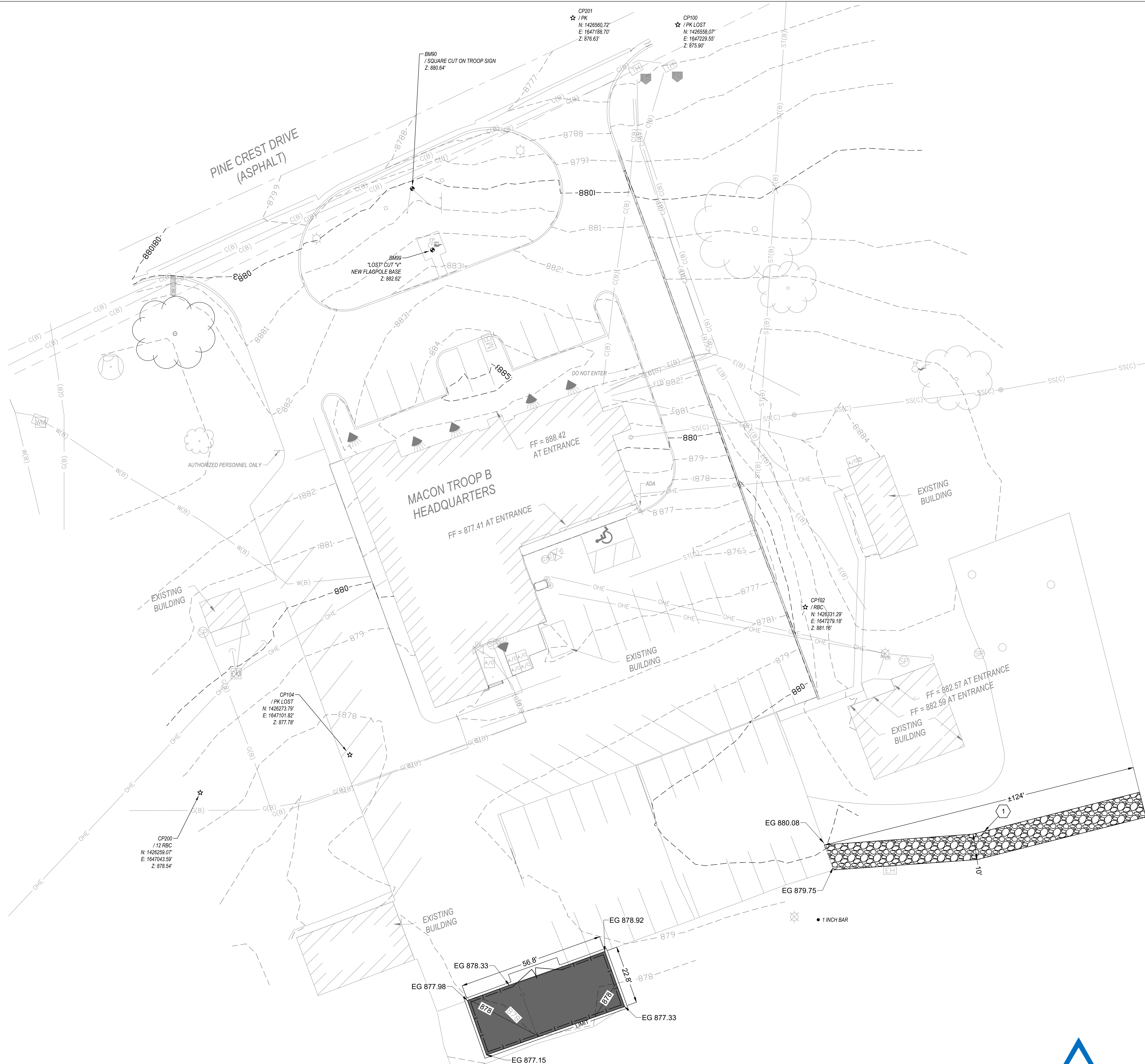
NOTICE: ANY UNSUITABLE SOIL FOUND BELOW PAVING OR WALL AREAS SHALL BE EVALUATED PER SPECIFICATION 312300 AND GRADING NOTE 9.

KEY NOTES

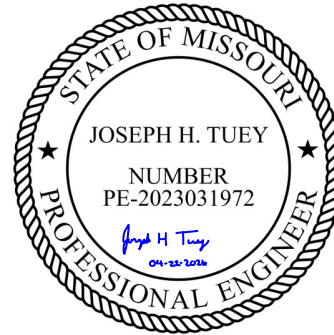
- 1 MATCH GRADE OF EXISTING GRAVEL DRIVE, TYP.

SPOT ELEVATION LEGEND

PV - TOP OF PAVEMENT
TW - TOP OF WALL
EG - EXISTING GRADE



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ASSET NO. 80136003004

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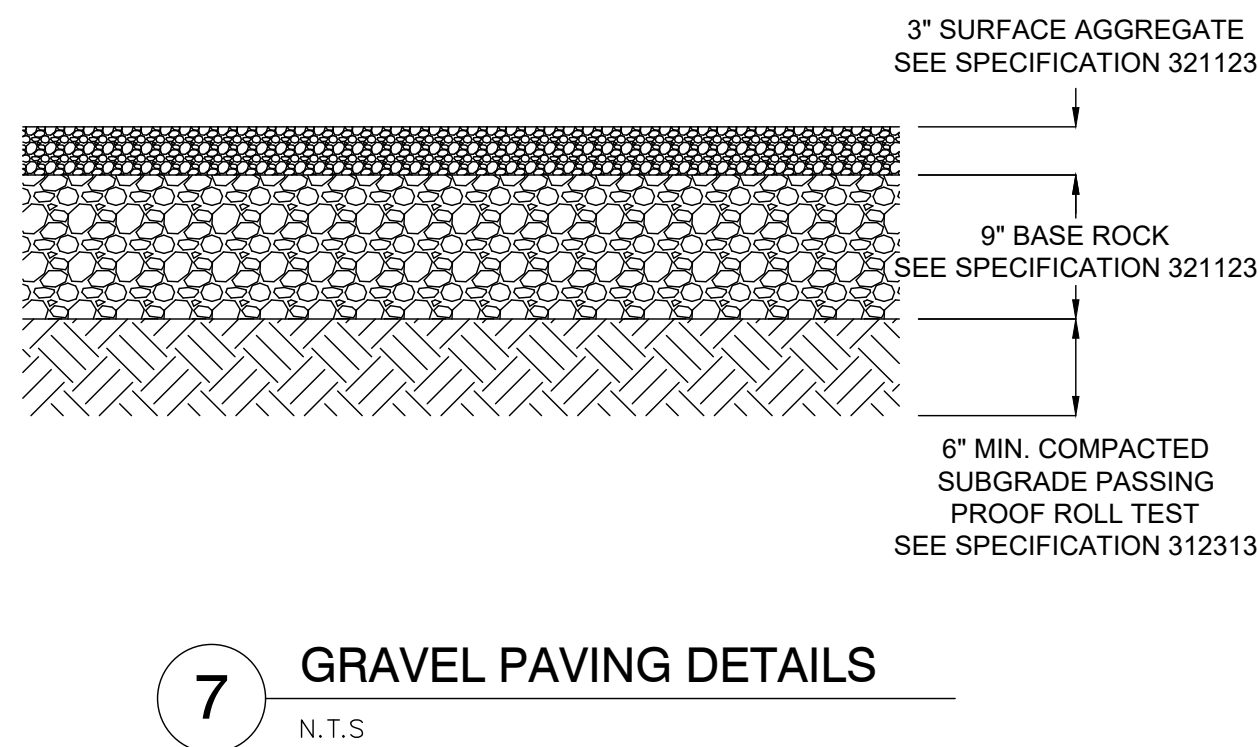
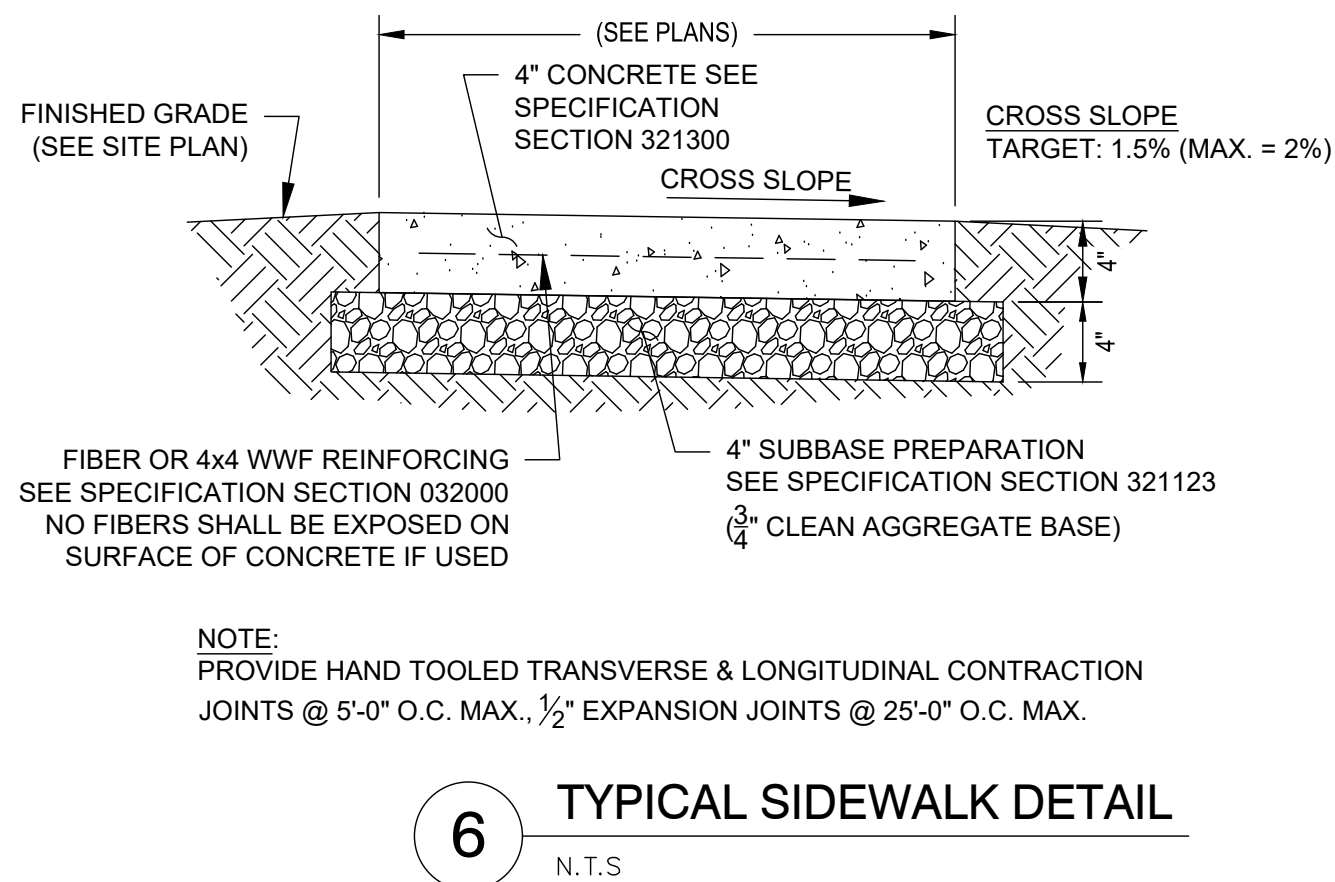
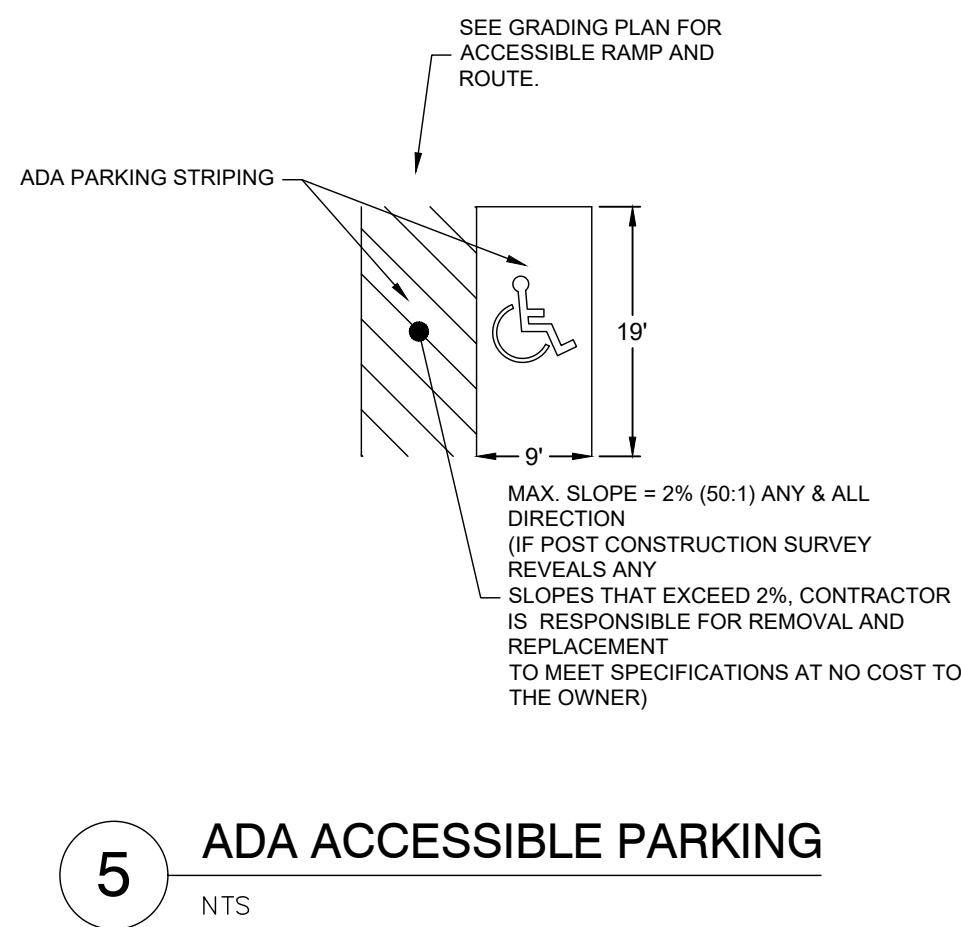
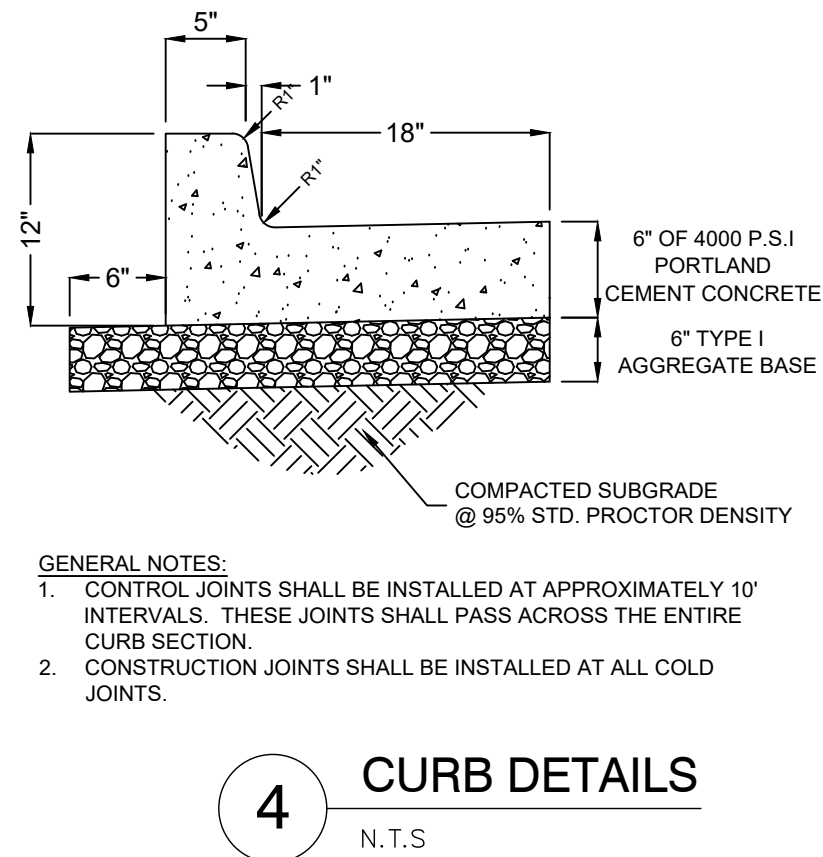
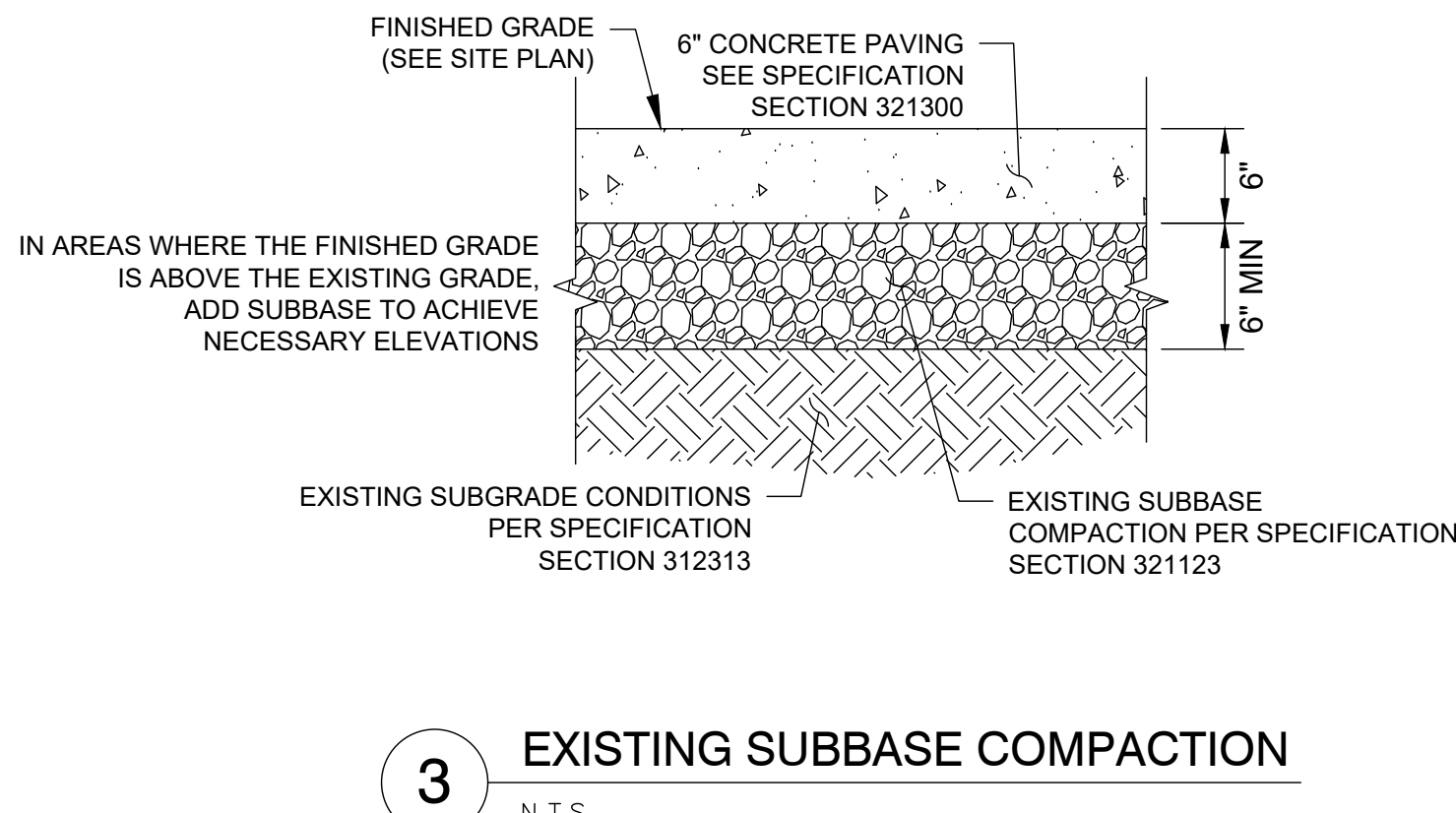
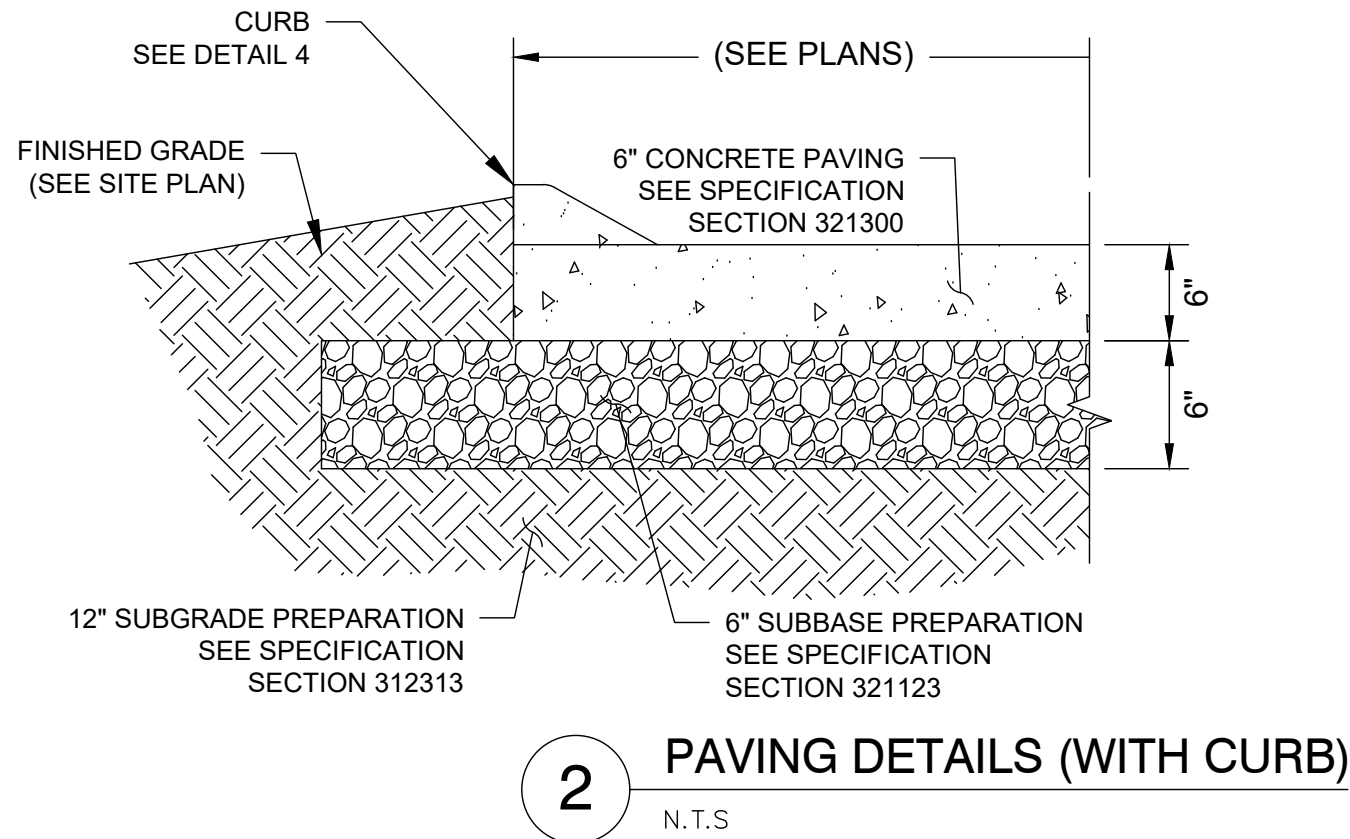
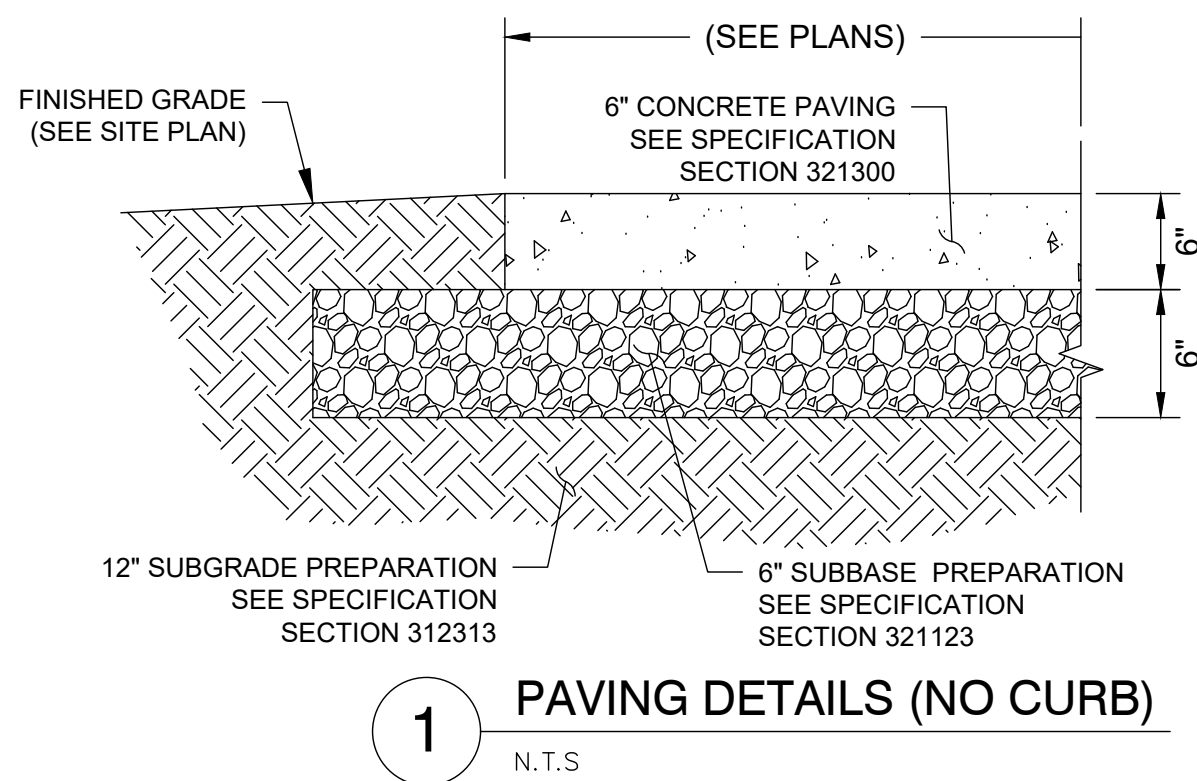
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GRADING
PLAN - ALTERNATE
NO.1

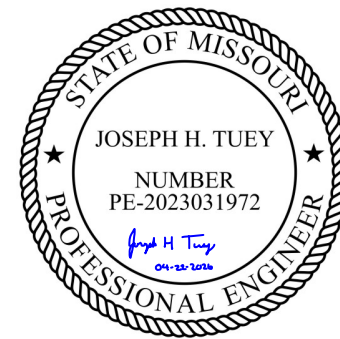
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10 OF 13 SHEETS
APRIL 22, 2026



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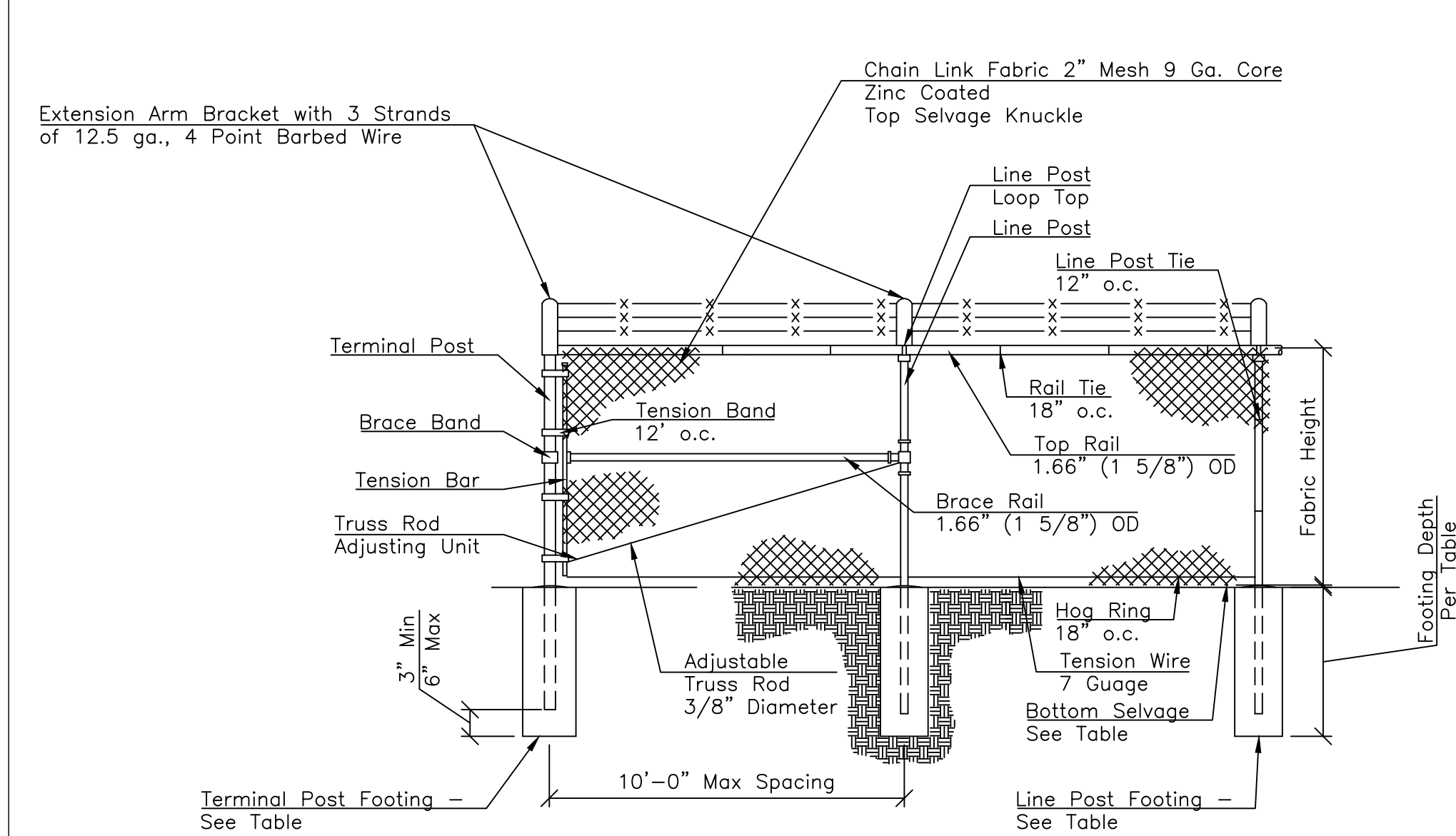
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DETAILS

SHEET NUMBER:

C-500

11 OF 13 SHEETS
APRIL 22, 2026

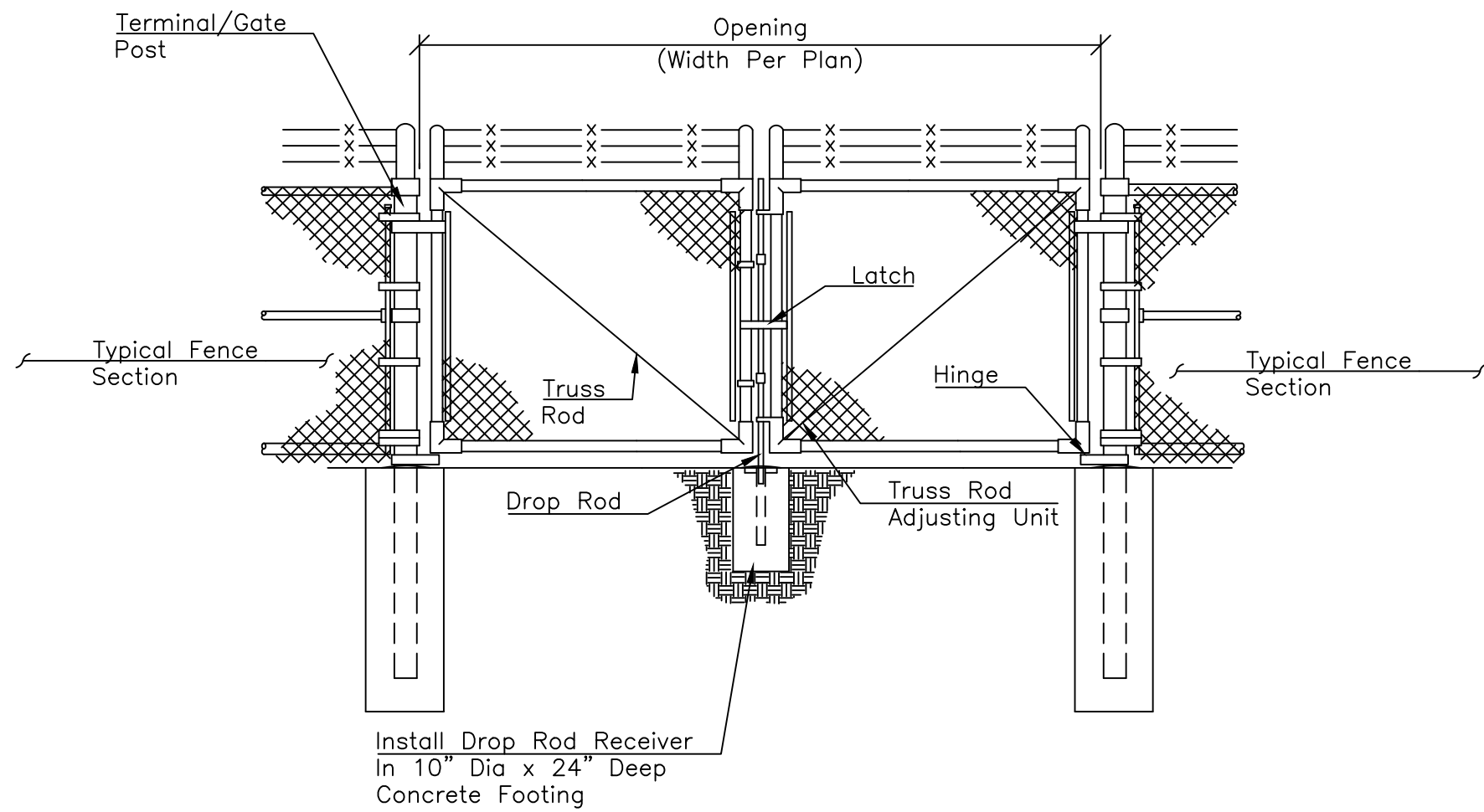


8' Fence (No Windscreen)	
Fabric Height	96"
Bottom Selvage	Twisted
Line Post	
Diameter (o.d.)	2.875"
Footing Depth	42"
Footing Diameter	12"
Terminal Post	
Diameter (o.d.)	4"
Footing Depth	42"
Footing Diameter	16"

*Footing Concrete 28 Day Strength 2,500 psi.

TYPICAL FENCE SECTION

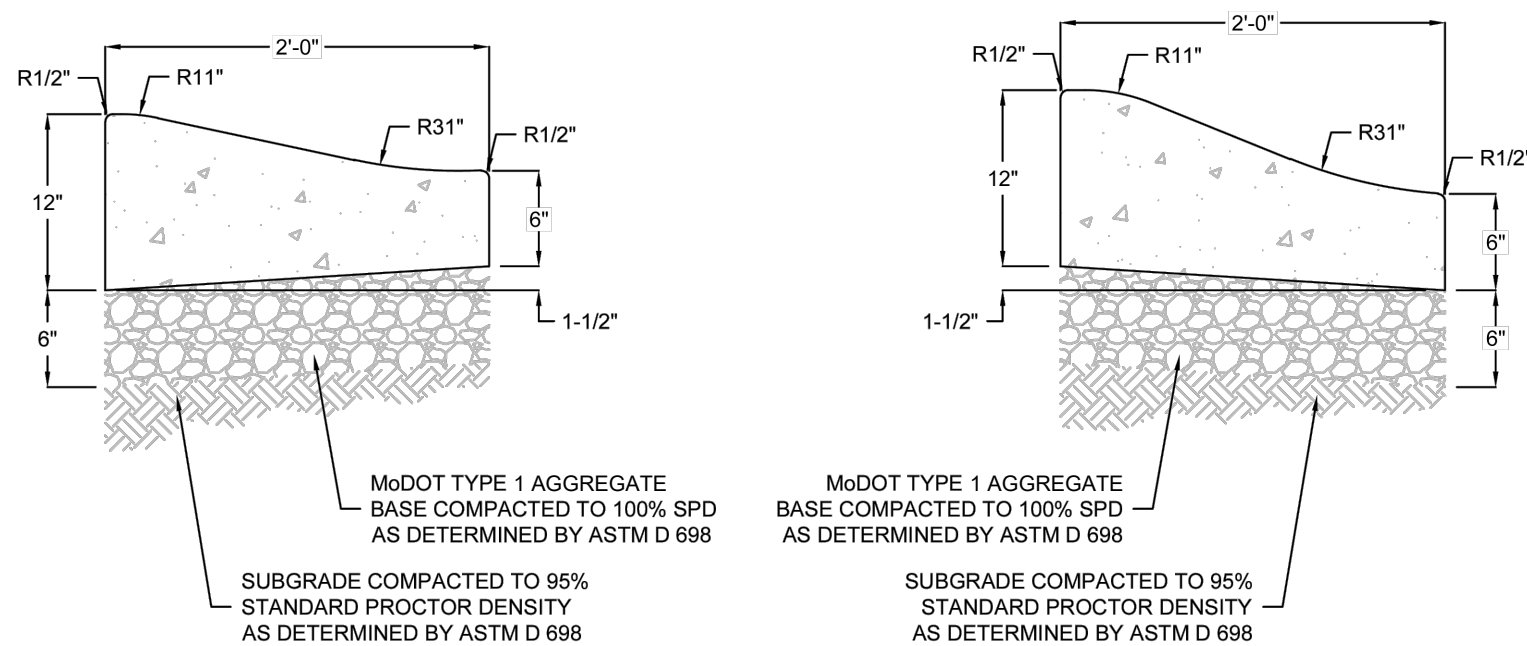
14 FENCE
NTS



- Note:
1. Vertical And Horizontal Members Maximum 8' o.c.
 2. Hinges And Latch Per Specifications.
 3. Coating For Gate Fabric, Frame And Hardware to Match Typical Fence Section

TYPICAL DOUBLE SWING GATE

15 SWING GATE
NTS

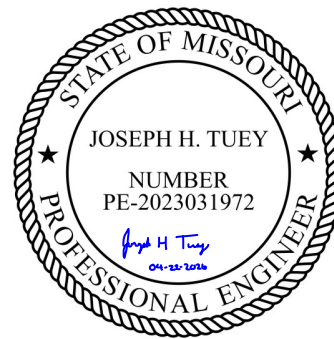


NOTES:

1. EXPANSION JOINTS SHALL BE FORMED BY A ONE-HALF (1/2) INCH THICK PREFORMED JOINT FILLER, CUT TO THE CONFIGURATION OF THE FULL SIZE OF THE CURB AND GUTTER SECTION AND BEING SECURED SO THAT THEY ARE NOT MOVED BY DEPOSITING AND COMPACTING THE CONCRETE AT THESE JOINTS. THE EDGES OF THESE JOINTS SHALL BE ROUNDED WITH AN EDGING TOOL ONE-EIGHTH (1/8) INCH RADIUS.
2. EXPANSION JOINTS SHALL BE PLACED WHERE CURB AND GUTTER ABUTS OTHER STRUCTURES AND AT ALL TANGENT POINTS TO CURBS. EXPANSION JOINTS SHALL NOT BE SPACED MORE THAN 50 FEET APART ON STRAIGHT RUNS FOR HAND LAID CURBS AND NOT MORE THAN 100 FEET APART FOR MACHINE LAID CURB AND GUTTER PROVIDED THAT ONE-HALF (1/2) INCH THICK JOINT FILLER IS USED. ALL JOINTS SHALL BE FORMED AT RIGHT ANGLES TO THE ALIGNMENT OF THE CURB AND GUTTER.
3. CONTRACTION JOINTS SHALL BE CONSTRUCTED BY INSERTING A REMOVABLE METAL TEMPLATE IN THE FRESH CONCRETE. THEY SHALL NOT BE SAW CUT. CONTRACTION JOINTS SHALL BE TO A DEPTH OF NOT LESS THAN ONE AND ONE-FOURTH (1-1/4) INCHES BELOW THE SURFACE AND TO A WIDTH NOT TO EXCEED THREE-EIGHTHS (3/8) INCH. CONTRACTION JOINTS SHALL BE LOCATED APPROXIMATELY 10 FEET APART.

16 CONCRETE ROLL BACK CURB & GUTTER DETAIL
NTS

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13 OF 13 SHEETS
APRIL 22, 2026