

GENERAL NOTES

- ALL DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
- ANY DISCREPANCIES BETWEEN SPECIFICATIONS, DRAWINGS, AND/OR SITE CONDITIONS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- ALL AREAS DESIGNATED TO REMAIN UNDISTURBED SHALL BE PROTECTED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING THE LOCATION OF ALL PROPOSED IMPROVEMENTS, INCLUDING ROUGH AND FINISHED ELEVATIONS AND ALL OTHER PROPOSED IMPROVEMENTS INDICATED ON THE DRAWINGS.
- THE CONTRACTOR SHALL VERIFY THAT ALL APPLICABLE LOCAL, STATE, & FEDERAL CODES ARE FOLLOWED. ALL APPLICABLE LOCAL AND STATE NOTIFICATIONS AND PERMITS SHALL BE ACQUIRED PRIOR TO CONSTRUCTION, INCLUDING ALL NECESSARY UTILITY CONNECTION PERMITS FROM THE RESPECTIVE UTILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY UTILITIES AND SERVICES REQUIRED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL REFERENCE POINTS, BENCHMARKS, MONUMENTS, STAKES, AND PROPERTY CORNERS DURING CONSTRUCTION. REPLACEMENT OF LOST REFERENCE POINTS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- REMOVE ALL STRUCTURES, FOUNDATIONS, WALLS, PAVEMENTS, AND ALL OTHER ITEMS IN CONFLICT WITH PROPOSED IMPROVEMENTS IN ACCORDANCE WITH THE SPECIFICATIONS.
- REFERENCES TO "STANDARD SPECIFICATIONS" SHALL MEAN THE MISSOURI DEPARTMENT OF TRANSPORTATION, "MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION", LATEST EDITION.
- THE MEANS OF THE WORK AND THE SAFETY OF THE CONTRACTOR'S EMPLOYEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- NO WORK SHALL BE PERFORMED BEYOND THE LIMITS OF CONSTRUCTION WITHOUT OWNER APPROVAL.
- SITE CLEAN-UP SHALL BE PERFORMED ON A DAILY BASIS. SIDEWALKS, PARKING LOTS, ROADWAYS, AND THE PROJECT SITE SHALL BE KEPT CLEAN AT ALL TIMES. CONTROL DUST IN AND AROUND ALL WORK AND STAGING AREAS.
- ALL OPEN EXCAVATIONS SHALL BE PROTECTED.
- MAINTAIN POSITIVE DRAINAGE ON THE SITE THROUGHOUT THE PROJECT DURATION.
- THE PROJECT SITE SHALL BE FENCED WITH A MINIMUM 6-FOOT HEIGHT TEMPORARY CHAIN LINK FENCE WITH TOP RAIL.
- IF A DISCREPANCY IN THE SPOT ELEVATIONS IS NOTED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTING. IF THERE IS A DISCREPANCY BETWEEN THE SPOT ELEVATIONS AND CONTOURS, THE CONTOURS SHALL GOVERN.

PAVEMENT NOTES

- PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MISSOURI DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, LATEST EDITION.
- PROOF-ROLL SUBGRADE WITH A MINIMUM 25 TON G.V.W. TRUCK TO IDENTIFY AREAS OF SOFT OR UNSTABLE SUBGRADE. REMOVE AND REPLACE UNSTABLE AREAS WITH SUITABLE COMPACTED MATERIALS.
- 1/2 INCH PREFORMED EXPANSION JOINT MATERIAL SHALL BE PLACED BETWEEN NEW PAVEMENT CONSTRUCTION AND THE FACES OF BUILDINGS AND STOODS.
- PAVEMENT MARKING SHALL NOT BEGIN UNTIL PAVEMENT SURFACE HAS BEEN POWER BROOMED AND HAND SWEEP AS NECESSARY TO REMOVE LOOSE MATERIALS AND DIRT, AND NOT BEFORE ADEQUATE CURING TIME HAS BEEN OBTAINED ON THE PAVEMENT.
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT, EDGE OF BUILDING, OR PROPERTY LINES UNLESS OTHERWISE NOTED. ALL RADII ARE TO BACK OF CURB.

EROSION CONTROL NOTES

- EROSION CONTROL SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, THE DETAILS IN THESE PLANS, AND THE MISSOURI DNR STANDARDS.
- THE EROSION CONTROL SHOWN ON THIS SET OF PLANS SHALL BE CONSIDERED THE MINIMUM ACCEPTABLE FOR THIS PROJECT. THERE MAY BE ADDITIONAL EROSION CONTROL REQUIRED DUE TO THE VARIOUS CONSTRUCTION TECHNIQUES, WHICH MAY BE USED. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING AND MAINTAINING ALL THE RUNOFF FROM THE SITE, IN A MANNER WHICH KEEPS ALL SILT ON SITE.
- A LAND DISTURBANCE CONSTRUCTION PERMIT IS REQUIRED SINCE MORE THAN 1 ACRE OF LAND WILL BE DISTURBED BY GRADING OPERATIONS.
- ALL INLET PROTECTION AND TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED UPON COMPLETION OF PAVING OPERATIONS AND FINAL STABILIZATION OF LANDSCAPED AND SEED AREAS.

GRADING NOTES

- TOPSOIL SHALL BE STRIPPED TO A DEPTH OF 6 INCHES WITHIN ALL PROPOSED BUILDING AND PAVEMENT AREAS AND STOCKPILED ON SITE FOR USE IN LANDSCAPE AREAS (COORDINATE WITH OWNER). IF ACCEPTABLE TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE IT TO A DEPTH OF 6 INCHES.
- TOPSOIL SHALL BE LOAMY IN NATURE, FREE FROM HARD CLODS, STIFF CLAY, SOD, STONES, ROOTS, STICKS, AND OTHER DEBRIS OVER 1 INCH IN SIZE. TOPSOIL SHALL BE FREE OF TOXIC MATERIALS AND SHALL HAVE A pH RANGE BETWEEN 5.5 AND 7.0.
- ALL EXCESS MATERIALS NOT USED FOR CONSTRUCTION OF THE PROJECT SHALL BE DISPOSED OFF SITE BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- PROPOSED CONTOURS ARE INTENDED TO PROVIDE A MIN. 1% SLOPE IN PAVEMENT AREAS AND 2% IN TURFED AREAS. CONTRACTORS SHALL BE RESPONSIBLE FOR PROVIDING A SMOOTH UNIFORM DRAINING SURFACE THAT DOES NOT CREATE PONDING WATER OR SHARP BREAKS. CONTOURS OR ELEVATIONS THAT WILL NOT PROVIDE SUCH SURFACE SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER/ARCHITECT IMMEDIATELY.
- FINAL ELEVATIONS INDICATED ARE THE FINISHED SURFACE ELEVATIONS, WHETHER GRASS, CONCRETE, PAVEMENT, OR MULCH. THE CONTRACTOR SHALL COORDINATE SUBGRADE ELEVATIONS TO ALLOW FOR PAVEMENT, CONCRETE OR MULCH DEPTHS.
- ALL DISTURBED AREAS NOT WITHIN PAVEMENT & LANDSCAPE AREAS SHALL BE SEEDED PER THE SPECIFICATIONS. THE AREAS INDICATED TO BE SEEDED ON THIS PLAN ARE ESTIMATED DISTURBED AREAS. DISTURBED AREAS OUTSIDE OF THOSE INDICATED SHALL BE SEEDED REGARDLESS OF THE LIMITS INDICATED.
- SLOPES 4:1 AND STEEPER SHALL RECEIVE A TEMPORARY EROSION CONTROL MAT PROVIDING PROTECTION FOR UP TO 12 MONTHS.

UTILITY NOTES

- THE LOCATION OF EXISTING UTILITIES IN CONSTRUCTION AREAS SHALL BE FIELD VERIFIED BY THE CONTRACTOR BY CONTACTING THE MISSOURI ONE CALL SYSTEM, INC. OR THE INDIVIDUAL UTILITIES NOT PARTICIPATING IN THIS SYSTEM. EXISTING UTILITIES TO REMAIN SHALL BE PROTECTED. ANY REPAIR OR RELOCATION REQUIRED, AS A RESULT OF DAMAGE BY CONSTRUCTION ACTIVITIES SHALL BE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL PAY UTILITY PERMIT AND/OR INSPECTION FEES.
- UTILITY TRENCHES WITHIN PAVEMENT AREAS SHALL BE BACKFILLED WITH APPROVED COMPACTED GRANULAR BACKFILL.
- ALL ELECTRIC SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE, CURRENT VERSION.
- ADJUST ALL VALVES, MANHOLES, CASTINGS, GAS VENTS, ETC., TO MATCH THE NEW SURFACE. ADJUSTMENT SHALL BE COORDINATED WITH THE UTILITY COMPANIES AND THE COST FOR ALL ADJUSTMENTS SHALL BE INCIDENTAL TO THE CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. REPAIR ANY DAMAGE TO SAID STRUCTURES AND APPURTENANCES THAT OCCUR DURING CONSTRUCTION.
- THE DRAWINGS INDICATE THE BEST KNOWLEDGE OF THE OWNER AND ENGINEER/ARCHITECT ON THE GENERAL LOCATION AND NATURE OF THE EXISTING AND OR PROPOSED UNDERGROUND UTILITIES IN THE AREA OF CONSTRUCTION. EXPLORATORY EXCAVATIONS AT THE SITE TO DETERMINE INSITU LOCATIONS WERE NOT CONDUCTED. QUALITY LEVEL "C" IN ACCORDANCE WITH CHASCE 38-02, STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA, WAS UTILIZED. REGARDLESS OF THE LEVEL OF INVESTIGATION, THE UTILITIES SHOWN SHOULD NOT BE CONSIDERED A WARRANTY OR GUARANTEE OF ACTUAL PRESENCE OR LOCATION AND THE CONTRACTOR REMAINS RESPONSIBLE FOR THE LOCATION, VERIFICATION, AND PROPER NOTIFICATION OF POTENTIAL UTILITIES.

QUALITY LEVELS:

QUALITY LEVEL A - PROVIDES THE HIGHEST LEVEL OF ACCURACY. BY LOCATING OR POT-HOLING UTILITIES IN ADDITION TO QUALITY LEVELS B, C, AND D TASKS. THE LOCATED UTILITY INFRASTRUCTURE IS SURVEYED AND MAPPED TO DEVELOP PLAN AND PROFILE INFORMATION.

QUALITY LEVEL B - INVOLVES DESIGNATING THE HORIZONTAL POSITION OF SUBSURFACE UTILITIES THROUGH SURFACE DETECTION METHODS AND RECORDING THE INFORMATION THROUGH A SURVEY METHOD. IN ADDITION TO QUALITY LEVEL C AND D TASKS.

QUALITY LEVEL C - INVOLVES SURVEYING VISIBLE SUBSURFACE UTILITY STRUCTURES SUCH AS MANHOLES, HAND-HOLES, UTILITY VALVES AND METERS, FIRE HYDRANTS, PEDESTALS AND UTILITY MARKERS, AND THEN CORRELATING THE INFORMATION WITH EXISTING UTILITY RECORDS TO CREATE COMPOSITE DRAWINGS. IN ADDITION TO QUALITY LEVEL D TASKS

QUALITY LEVEL D - INVOLVES COLLECTING DATA FROM EXISTING UTILITY RECORDS, THAT MAY INCLUDE AS-BUILT DRAWINGS, DISTRIBUTION AND SERVICE MAPS, EXISTING GEOGRAPHIC INFORMATION SYSTEM DATABASE, CONSTRUCTION PLANS, ETC. DATABASES, CONSTRUCTION PLANS, ETC.

**CITY OF HALLSVILLE
202 HWY 124 EAST - HALLSVILLE, MO
SITE PLAN REVIEW INFORMATION**

PROPERTY OWNERSHIP & ZONING REQUIREMENTS

OWNER NAME: HALLSVILLE R-IV SCHOOL DISTRICT
 PROJECT LOCATION: 421 MO-124 E, HALLSVILLE, MO.
 TELEPHONE: (573) 696-5512
 OWNER CONTACT: TYLER WALKER, SUPERINTENDENT
 OWNER ADDRESS: 421 MO-124 E, HALLSVILLE, MO.

PROPERTY ZONING CLASSIFICATION: A-1- GENERAL AGRICULTURAL DISTRICT- PUBLIC BUILDINGS AND FACILITIES ARE PERMITTED IN THIS DISTRICT.

MIN. LOT AREA: NA
 FRONT YARD: NA
 SIDE YARDS REQUIRED: NA
 REAR YARD REQUIRED: NA

ABBREVIATIONS

- FL FLOWLINE ELEVATION
- TC TOP OF CURB ELEVATION
- GL GUTTER LINE ELEVATION
- TG TOP OF GRATE ELEVATION
- STA STATION
- FES FLARED END SECTION
- SWI STORM WATER INLET
- FFE FINISH FLOOR ELEVATION
- HP HIGH POINT
- LP LOW POINT
- TW TOP OF WALL ELEVATION
- BW BOTTOM OF WALL ELEVATION
- DS DOWNSPOUT
- EP EDGE OF PAVEMENT ELEVATION
- N.I.C. NOT IN CONTRACT

NOTE

UTILITY INFORMATION IS FOR THE CONVENIENCE OF THE CONTRACTOR. BEFORE CONSTRUCTION BEGINS THE CONTRACTOR SHALL CONTACT MISSOURI ONE CALL SYSTEM, INC. AT 811 OR 1-800-344-7483 AND THE INDIVIDUAL UTILITIES NOT INCLUDED IN THIS SYSTEM FOR THE LOCATION OF ALL EXISTING UTILITIES.

UTILITY INFORMATION:

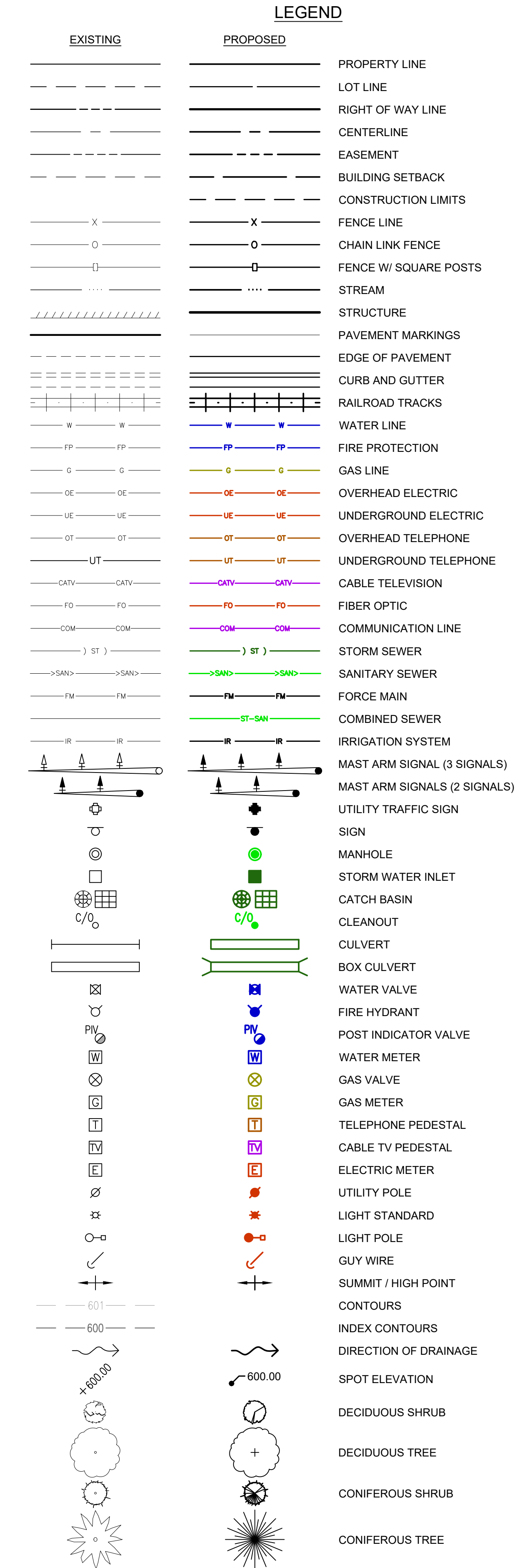
WATER:
 CITY OF HALLSVILLE: 573-696-3885
 PWS# #: 573-696-3511

ELECTRIC:
 AMEREN MO, 1300 W LIBERTY ST., MEXICO, MO 65265
 BRADY CUNNINGHAM, DISTRIBUTION DESIGN CONSULTANT,
 CENTRAL MISSOURI DIVISION
 OFFICE: 573-473-5063
 CELL: 573-220-6202

NATURAL GAS:
 AMEREN MO:
 DAVID HAGENHOFF: 573-876-3030
 dhagenhoff@ameren.com

SEWER:
 MISSOURI AMERICAN WATER: 1-866-430-0820

COMMUNICATIONS:
 MARK MCFERREN, OSP ENGINEER
 BLUEBIRD NETWORK, LLC
 800 NW CHIPMUNK RD.
 STE 5750
 LEES SUMMIT, MO 64063
 CELL: 816-716-4514
 mark.mcferrren@bluebirdnetwork.com



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REVISION HISTORY

NO.	DESCRIPTION	DATE	AUTH.

ISSUED FOR: 09/26/2025
 DD REVIEW

**PRELIMINARY
NOT FOR
CONSTRUCTION**

**NEW ALL PURPOSE FIELD AND PARKING LOT
 HALLSVILLE R-IV SCHOOL DISTRICT
 411 E. HIGHWAY 124
 HALLSVILLE, MO 65255**

Non-Reduced Sheet Size: 30" x 42"
 All sheet plans have been prepared using standard notes. Reduced size plans may not conform to standard notes.

DESIGNED	DRAWN
DCD	DCD
FIELD	FIELD BOOK
MAN/FGH	HECKES
CHECKED	CHECK DATE

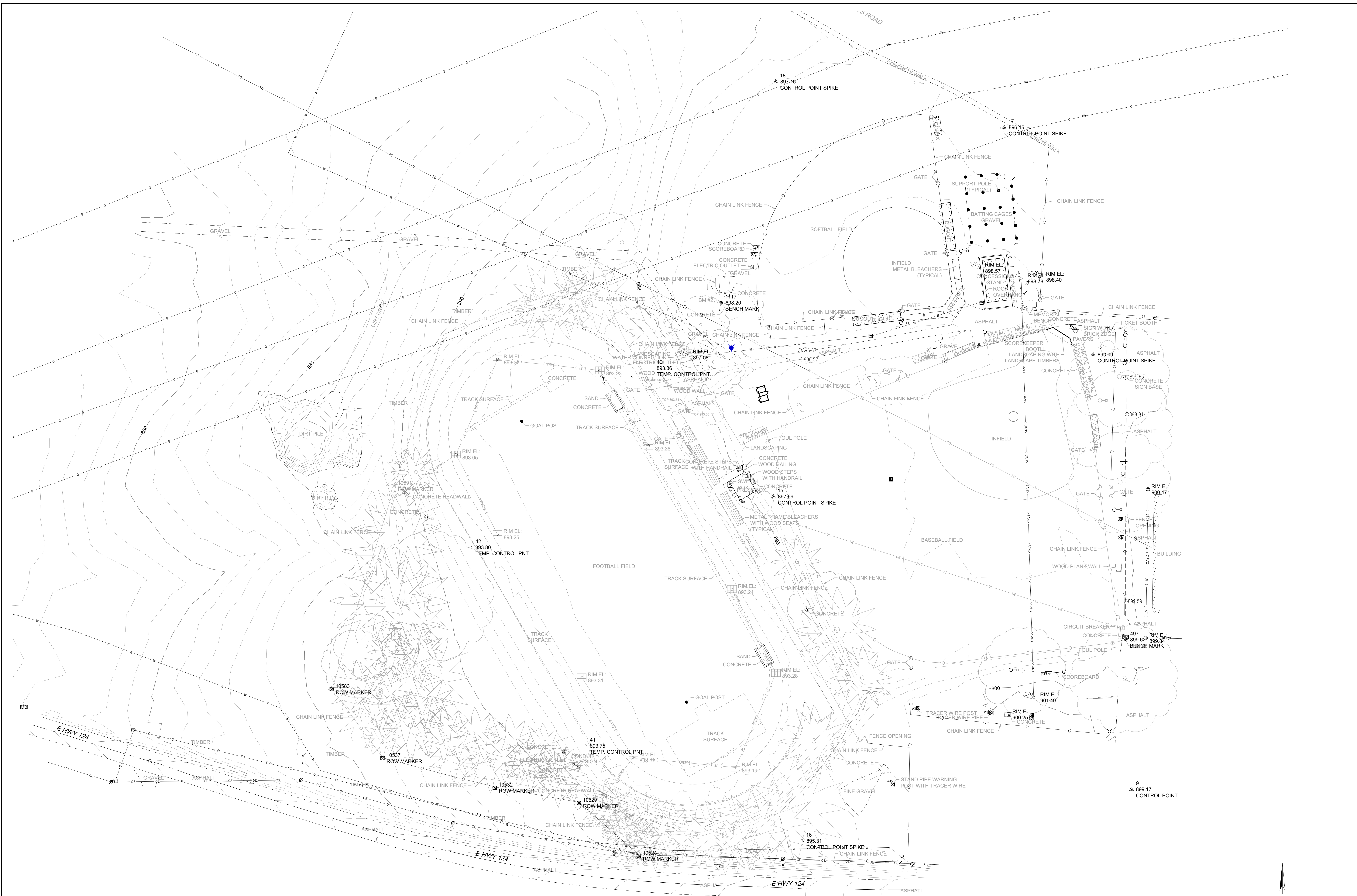
SHEET TITLE
GENERAL NOTES & LEGEND

PROJECT NO:
 24-5017
 DRAWING ISSUED DATE:
 09/24/2025

SHEET
C001



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REVISION HISTORY			
NO.	DESCRIPTION	DATE	APP'D.

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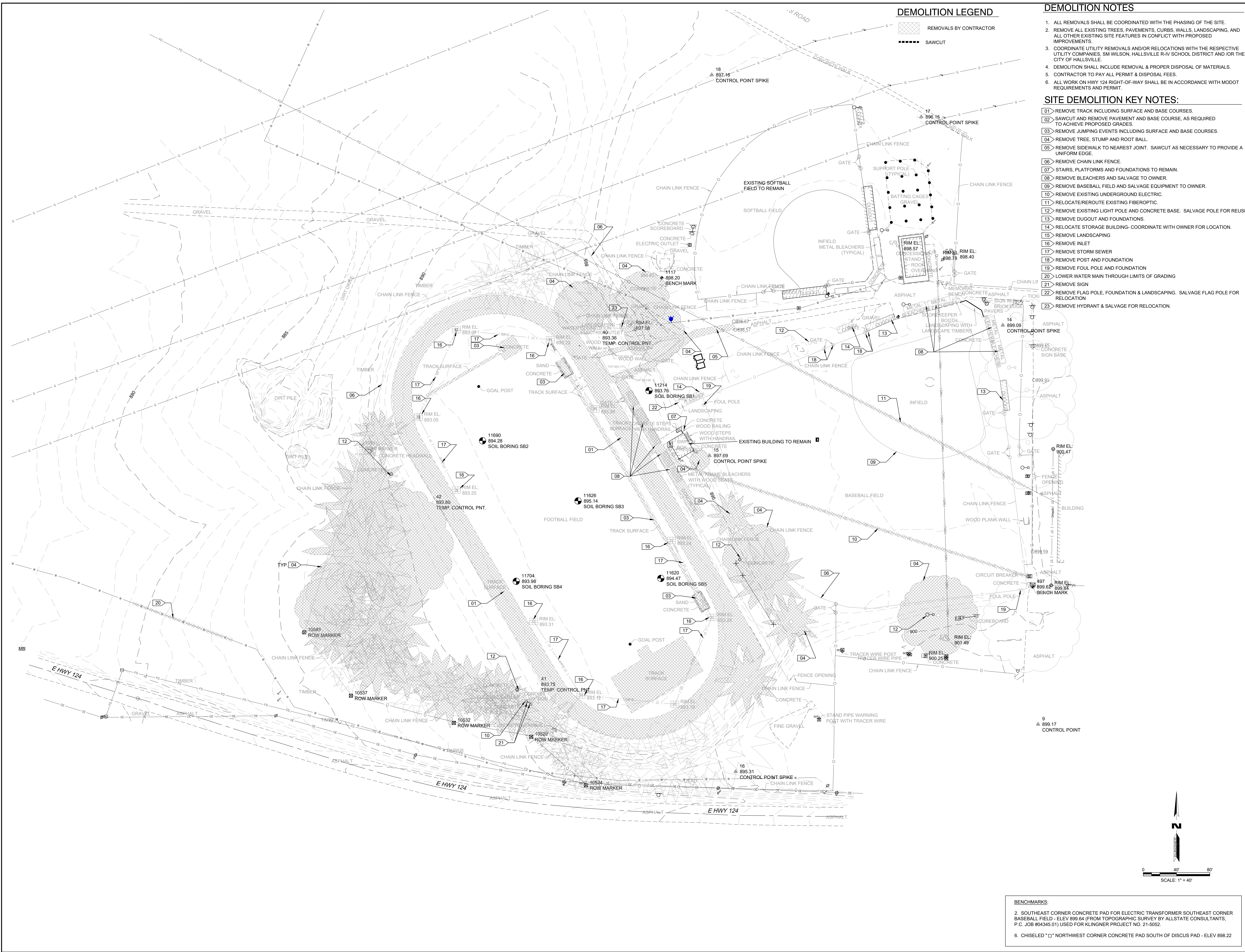
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CHECKED:	CHECK DATE:

SHEET TITLE
**EXISTING
 CONDITIONS PLAN**

PROJECT NO:
 24-5017
 DRAWING ISSUED DATE:
 09/24/2025

SHEET
C100

BENCHMARKS:
 2. SOUTHEAST CORNER CONCRETE PAD FOR ELECTRIC TRANSFORMER SOUTHEAST CORNER BASEBALL FIELD - ELEV 899.64 (FROM TOPOGRAPHIC SURVEY BY ALLSTATE CONSULTANTS, P.C. JOB #04345.01) USED FOR KLINGNER PROJECT NO. 21-5052.
 6. CHISELED "□" NORTHWEST CORNER CONCRETE PAD SOUTH OF DISCUS PAD - ELEV 898.22



DEMOLITION LEGEND

- REMOVALS BY CONTRACTOR
- SAWCUT

DEMOLITION NOTES

1. ALL REMOVALS SHALL BE COORDINATED WITH THE PHASING OF THE SITE.
2. REMOVE ALL EXISTING TREES, PAVEMENTS, CURBS, WALLS, LANDSCAPING, AND ALL OTHER EXISTING SITE FEATURES IN CONFLICT WITH PROPOSED IMPROVEMENTS.
3. COORDINATE UTILITY REMOVALS AND/OR RELOCATIONS WITH THE RESPECTIVE UTILITY COMPANIES. SM WILSON, HALLSVILLE R-IV SCHOOL DISTRICT AND/OR THE CITY OF HALLSVILLE.
4. DEMOLITION SHALL INCLUDE REMOVAL & PROPER DISPOSAL OF MATERIALS. CONTRACTOR TO PAY ALL PERMIT & DISPOSAL FEES.
5. ALL WORK ON HWY 124 RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH MODOT REQUIREMENTS AND PERMIT.

SITE DEMOLITION KEY NOTES:

- 01 REMOVE TRACK INCLUDING SURFACE AND BASE COURSES. TO ACHIEVE PROPOSED GRADES.
- 02 SAWCUT AND REMOVE PAVEMENT AND BASE COURSE, AS REQUIRED TO ACHIEVE PROPOSED GRADES.
- 03 REMOVE JUMPING EVENTS INCLUDING SURFACE AND BASE COURSES.
- 04 REMOVE TREE, STUMP AND ROOT BALL.
- 05 REMOVE SIDEWALK TO NEAREST JOINT. SAWCUT AS NECESSARY TO PROVIDE A UNIFORM EDGE.
- 06 REMOVE CHAIN LINK FENCE.
- 07 STAIRS, PLATFORMS AND FOUNDATIONS TO REMAIN.
- 08 REMOVE BLEACHERS AND SALVAGE TO OWNER.
- 09 REMOVE BASEBALL FIELD AND SALVAGE EQUIPMENT TO OWNER.
- 10 REMOVE EXISTING UNDERGROUND ELECTRIC.
- 11 RELOCATE/REROUTE EXISTING FIBEROPTIC.
- 12 REMOVE EXISTING LIGHT POLE AND CONCRETE BASE. SALVAGE POLE FOR REUSE.
- 13 REMOVE DUGOUT AND FOUNDATIONS.
- 14 RELOCATE STORAGE BUILDING- COORDINATE WITH OWNER FOR LOCATION.
- 15 REMOVE LANDSCAPING
- 16 REMOVE INLET
- 17 REMOVE STORM SEWER
- 18 REMOVE POST AND FOUNDATION
- 19 REMOVE FOUL POLE AND FOUNDATION
- 20 LOWER WATER MAIN THROUGH LIMITS OF GRADING
- 21 REMOVE SIGN
- 22 REMOVE FLAG POLE, FOUNDATION & LANDSCAPING. SALVAGE FLAG POLE FOR RELOCATION
- 23 REMOVE HYDRANT & SALVAGE FOR RELOCATION.

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 www.klinger.com

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REVISION HISTORY			
NO.	DESCRIPTION	DATE	APP'D.

ISSUED FOR: DD REVIEW
 DATE: 09/26/2025

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 NOT FOR
 CONSTRUCTION**

**NEW ALL PURPOSE FIELD AND PARKING LOT
 HALLSVILLE R-IV SCHOOL DISTRICT
 411 E. HIGHWAY 124
 HALLSVILLE, MO 65255**

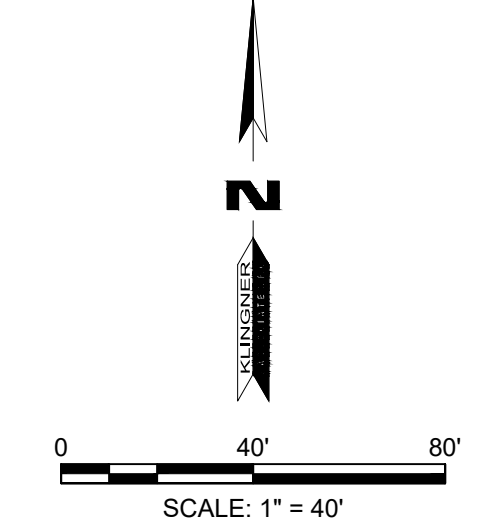
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FIELD	MAN/FTGH	FIELD BOOK	H2535
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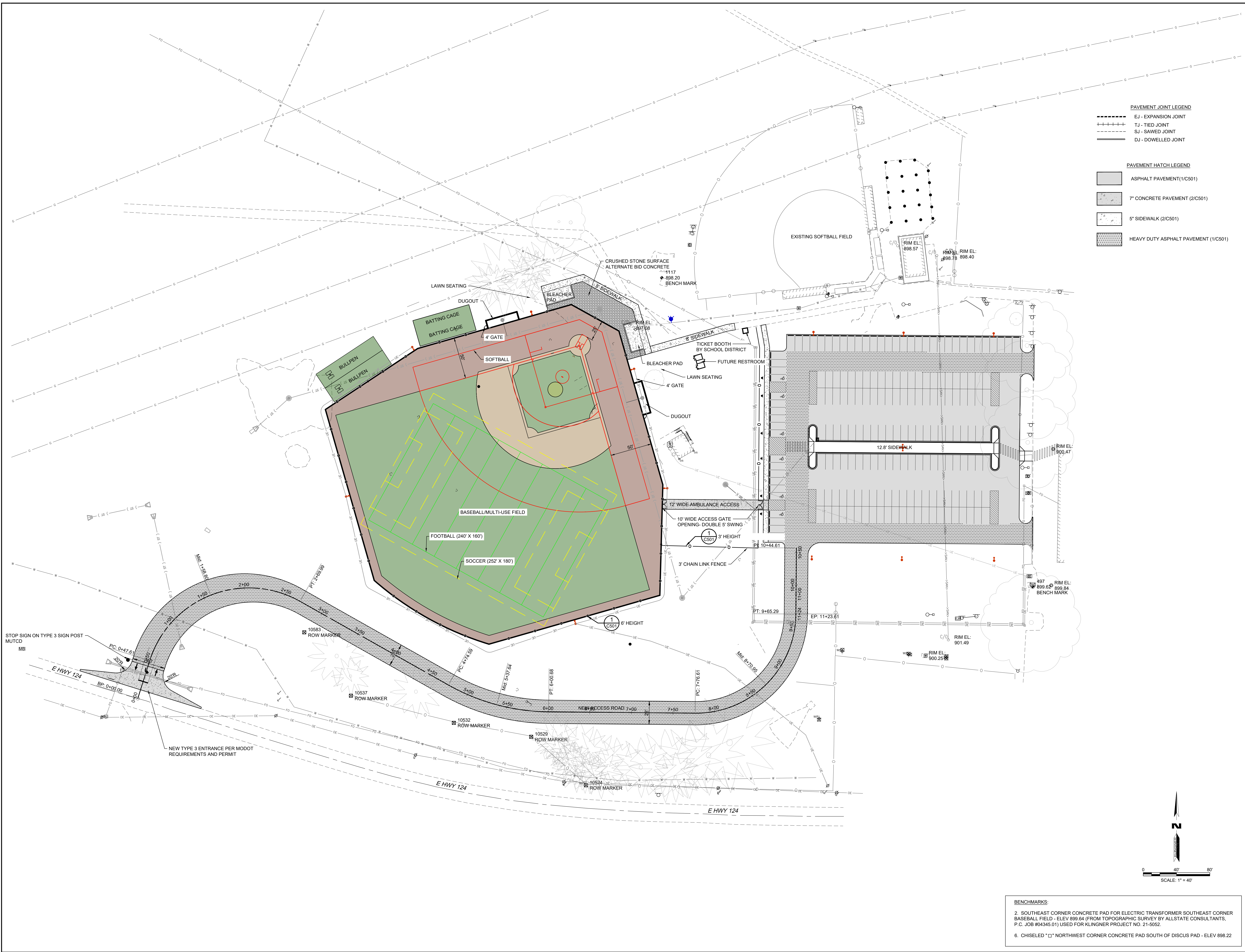
SHEET TITLE: **SITE DEMOLITION PLAN**

PROJECT NO: 24-5017
 DRAWING ISSUED DATE: 09/24/2025
 SHEET: **CD101**

BENCHMARKS:

2. SOUTHEAST CORNER CONCRETE PAD FOR ELECTRIC TRANSFORMER SOUTHEAST CORNER BASEBALL FIELD - ELEV 899.64 (FROM TOPOGRAPHIC SURVEY BY ALLSTATE CONSULTANTS, P.C. JOB #04345.01) USED FOR KLINGNER PROJECT NO. 21-5052.
6. CHISELED "□" NORTHWEST CORNER CONCRETE PAD SOUTH OF DISCUS PAD - ELEV 898.22





- PAVEMENT JOINT LEGEND**
- EJ - EXPANSION JOINT
 - TJ - TIED JOINT
 - SJ - SAWED JOINT
 - DJ - DOWELLED JOINT
- PAVEMENT HATCH LEGEND**
- ASPHALT PAVEMENT (1/C501)
 - 7" CONCRETE PAVEMENT (2/C501)
 - 5" SIDEWALK (2/C501)
 - HEAVY DUTY ASPHALT PAVEMENT (1/C501)

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NEW ALL PURPOSE FIELD AND PARKING LOT
 HALLSVILLE R-IV SCHOOL DISTRICT
 411 E. HIGHWAY 124
 HALLSVILLE, MO 65255

Non-Reduced Sheet Size: 30" x 42"
 All sheet plans have been prepared using standard scales. Reduced size plans may not conform to standard scales.

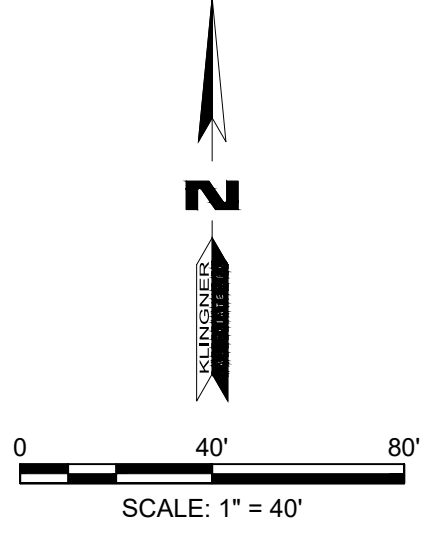
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SHEET TITLE: OVERALL SITE PLAN

PROJECT NO: 24-5017
 DRAWING ISSUED DATE: 09/24/2025
 SHEET: C101

BENCHMARKS:

- SOUTHEAST CORNER CONCRETE PAD FOR ELECTRIC TRANSFORMER SOUTHEAST CORNER BASEBALL FIELD - ELEV 899.64 (FROM TOPOGRAPHIC SURVEY BY ALLSTATE CONSULTANTS, P.C. JOB #04345.01) USED FOR KLINGNER PROJECT NO. 21-5052.
- CHISELED "□" NORTHWEST CORNER CONCRETE PAD SOUTH OF DISCUS PAD - ELEV 898.22



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 HALLSVILLE R-IV SCHOOL DISTRICT
 411 E. HIGHWAY 124
 HALLSVILLE, MO 65255**

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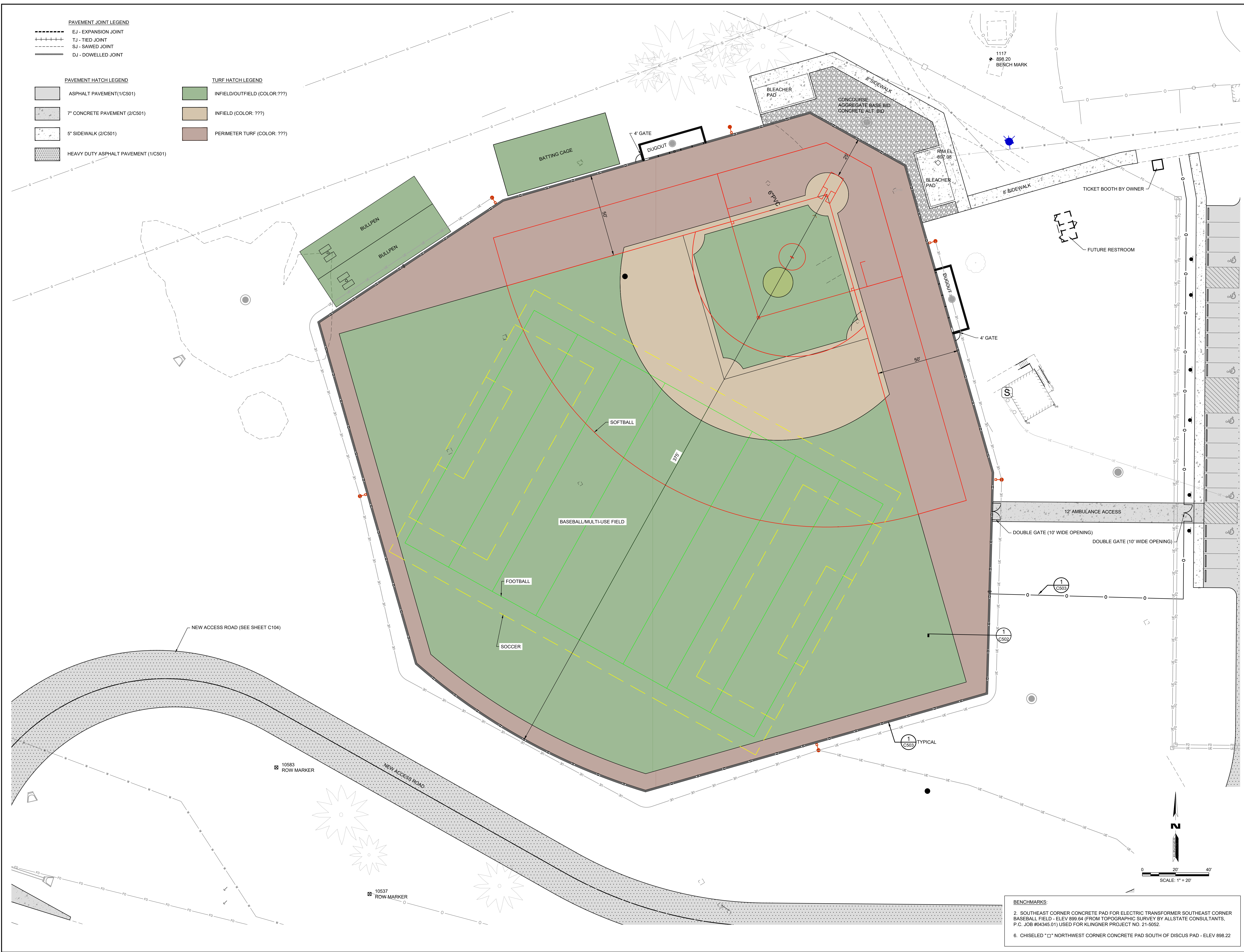
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SHEET TITLE
ENLARGED FIELD SITE PLAN

PROJECT NO.
24-5017

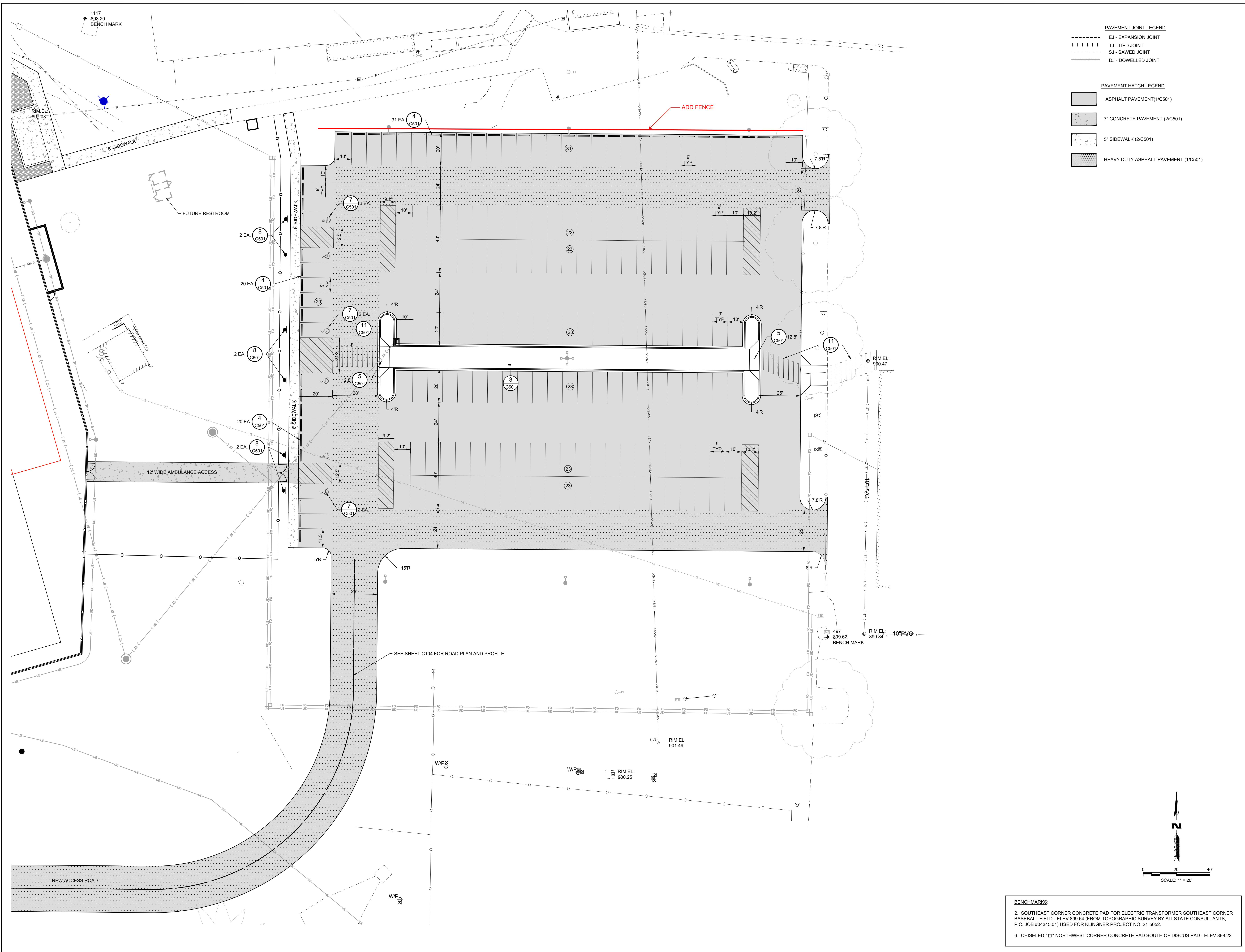
DRAWING ISSUED DATE:
09/24/2025

SHEET
C102



BENCHMARKS:

- SOUTHEAST CORNER CONCRETE PAD FOR ELECTRIC TRANSFORMER SOUTHEAST CORNER BASEBALL FIELD - ELEV 899.64 (FROM TOPOGRAPHIC SURVEY BY ALLSTATE CONSULTANTS, P.C. JOB #04345.01) USED FOR KLINGNER PROJECT NO. 21-5052.
- CHISELED " " NORTHWEST CORNER CONCRETE PAD SOUTH OF DISCUS PAD - ELEV 898.22



- PAVEMENT JOINT LEGEND**
- EJ - EXPANSION JOINT
 - - - TJ - TIED JOINT
 - - - SJ - SAWED JOINT
 - DJ - DOWELLED JOINT
- PAVEMENT HATCH LEGEND**
- [Hatched Box] ASPHALT PAVEMENT(1/C501)
 - [Hatched Box] 7' CONCRETE PAVEMENT (2/C501)
 - [Hatched Box] 5' SIDEWALK (2/C501)
 - [Hatched Box] HEAVY DUTY ASPHALT PAVEMENT (1/C501)

KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 Quincy, Illinois
 616 North 24th Street
 Columbia, MO 65203

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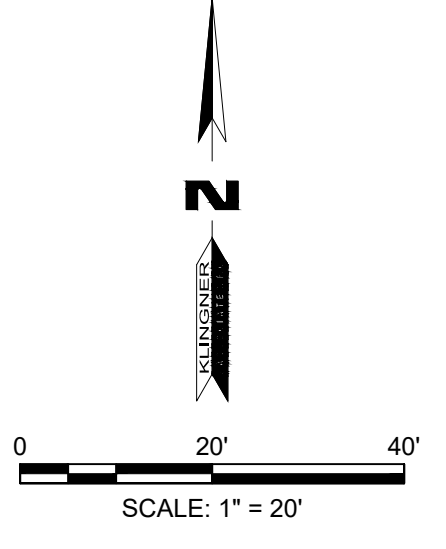
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CHECKED: []	CHECK DATE: []

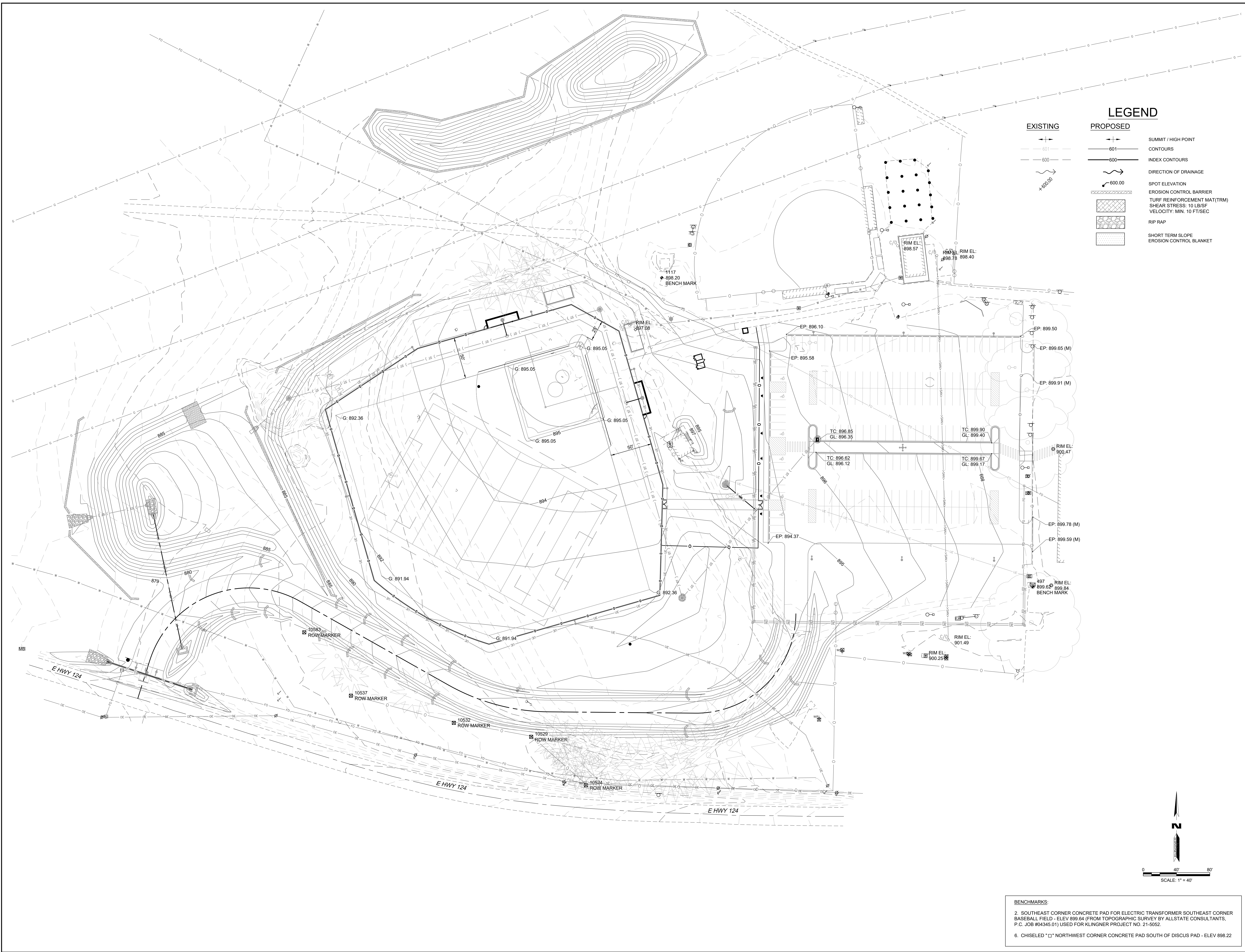
ENLARGED PARKING LOT SITE PLAN

PROJECT NO: 24-5017
 DRAWING ISSUED DATE: 09/24/2025
 SHEET
C103

BENCHMARKS:

- 2. SOUTHEAST CORNER CONCRETE PAD FOR ELECTRIC TRANSFORMER SOUTHEAST CORNER BASEBALL FIELD - ELEV 899.64 (FROM TOPOGRAPHIC SURVEY BY ALLSTATE CONSULTANTS, P.C. JOB #04345.01) USED FOR KLINGNER PROJECT NO. 21-5052.
- 6. CHISELED " " NORTHWEST CORNER CONCRETE PAD SOUTH OF DISCUS PAD - ELEV 898.22





EXISTING	PROPOSED	
		SUMMIT / HIGH POINT
		CONTOURS
		INDEX CONTOURS
		DIRECTION OF DRAINAGE
		SPOT ELEVATION
		EROSION CONTROL BARRIER
		TURF REINFORCEMENT MAT (TRM)
		RIP RAP
		SHORT TERM SLOPE
		EROSION CONTROL BLANKET

KLINGNER & ASSOCIATES, P.C.
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 Quincy, Illinois
 618 North 24th Street
 618-233-3670
 www.klingner.com

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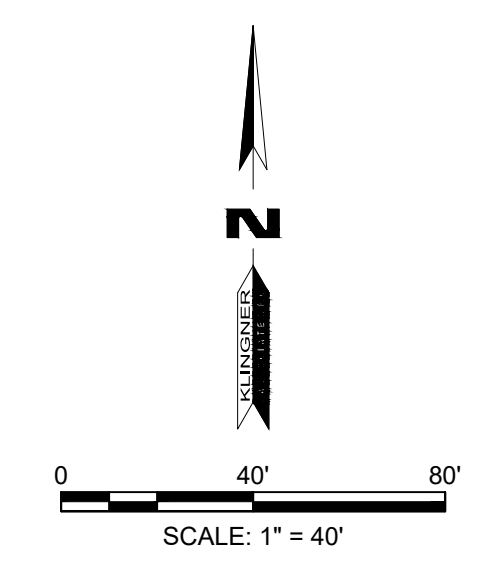
REVISION HISTORY			
NO.	DESCRIPTION	DATE	APP.
1	ISSUED FOR DD REVIEW	09/26/2025	

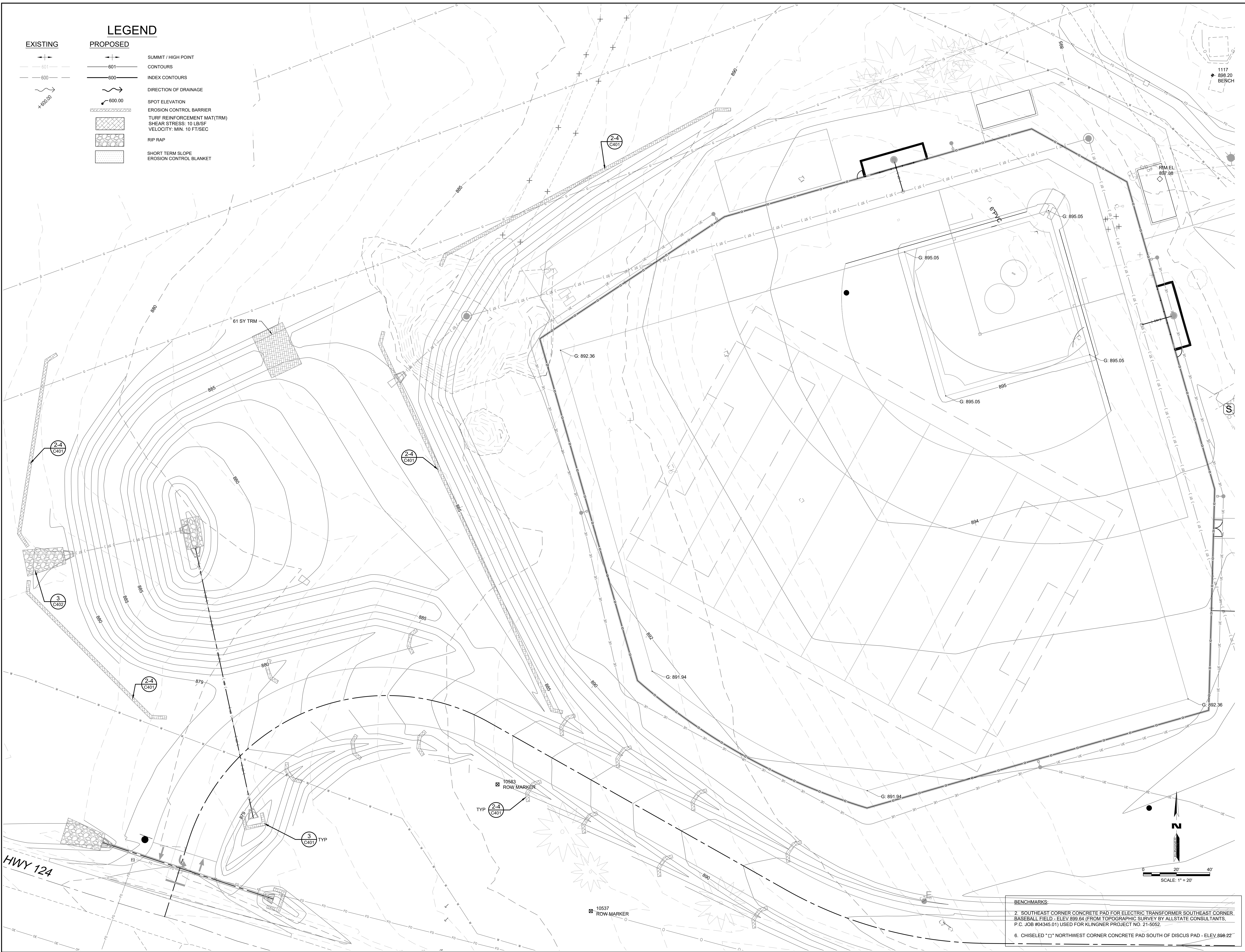
ISSUED FOR DD REVIEW
 09/26/2025
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

**NEW ALL PURPOSE FIELD AND PARKING LOT
 HALLSVILLE R-IV SCHOOL DISTRICT
 411 E. HIGHWAY 124
 HALLSVILLE, MO 65255**

Non-Reduced Sheet Size: 30" x 42"	
Full sized plans have been prepared using standard scales. Reduced size plans may not conform to standard scales.	
DESIGNED: DCD	DRAWN: DCD
FIELD: MAN/FTGH	FIELD BOOK: HICKS
CHECKED: []	CHECK DATE: []
SHEET TITLE	
OVERALL GRADING & EROSION CONTROL PLAN	
PROJECT NO: 24-5017	
DRAWING ISSUED DATE: 09/24/2025	
SHEET	
C201	

BENCHMARKS:
 2. SOUTHEAST CORNER CONCRETE PAD FOR ELECTRIC TRANSFORMER SOUTHEAST CORNER BASEBALL FIELD - ELEV 899.64 (FROM TOPOGRAPHIC SURVEY BY ALLSTATE CONSULTANTS, P.C. JOB #04345.01) USED FOR KLINGNER PROJECT NO. 21-5052.
 6. CHISELED "□" NORTHWEST CORNER CONCRETE PAD SOUTH OF DISCUS PAD - ELEV 898.22





LEGEND

- | | | |
|-----------------|---------------------|------------------------------|
| EXISTING | PROPOSED | |
| --- 601 --- | --- 601 --- | SUMMIT / HIGH POINT |
| --- 600 --- | --- 600 --- | CONTOURS |
| ~ ~ ~ | ~ ~ ~ | INDEX CONTOURS |
| ~ ~ ~ | ~ ~ ~ | DIRECTION OF DRAINAGE |
| + | + | SPOT ELEVATION |
| | [Hatched Box] | EROSION CONTROL BARRIER |
| | [Cross-hatched Box] | TURF REINFORCEMENT MAT (TRM) |
| | [Stippled Box] | SHEAR STRESS: 10 LB/FSF |
| | [Dotted Box] | VELOCITY: MIN. 10 FT/SEC |
| | [Stippled Box] | RIP RAP |
| | [Dotted Box] | SHORT TERM SLOPE |
| | [Dotted Box] | EROSION CONTROL BLANKET |

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 617-233-3670

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REVISION HISTORY

NO.	DESCRIPTION	DATE	APP'D.

ISSUED FOR: DD REVIEW
 09/26/2025

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

**NEW ALL PURPOSE FIELD AND PARKING LOT
 HALLSVILLE R-IV SCHOOL DISTRICT
 411 E. HIGHWAY 124
 HALLSVILLE, MO 65255**

Non-Reduced Sheet Size: 30" x 42"
 All sheet plans have been prepared using standard scales. Reduced size plans may not conform to standard scales.

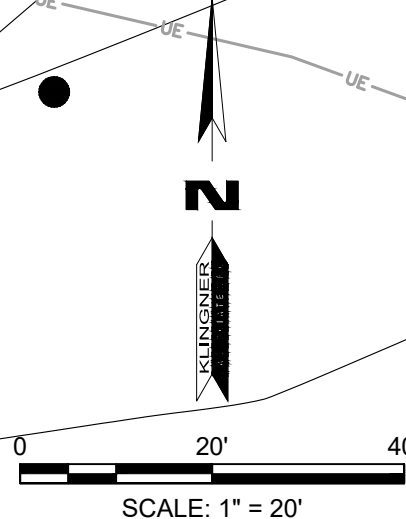
DESIGNED: DCD	DRAWN: DCD
FIELD: MAN/TFGH	FIELD BOOK: HICKS
CHECKED: []	CHECK DATE: []

SHEET TITLE: ENLARGED GRADING & EROSION CONTROL PLAN - WEST

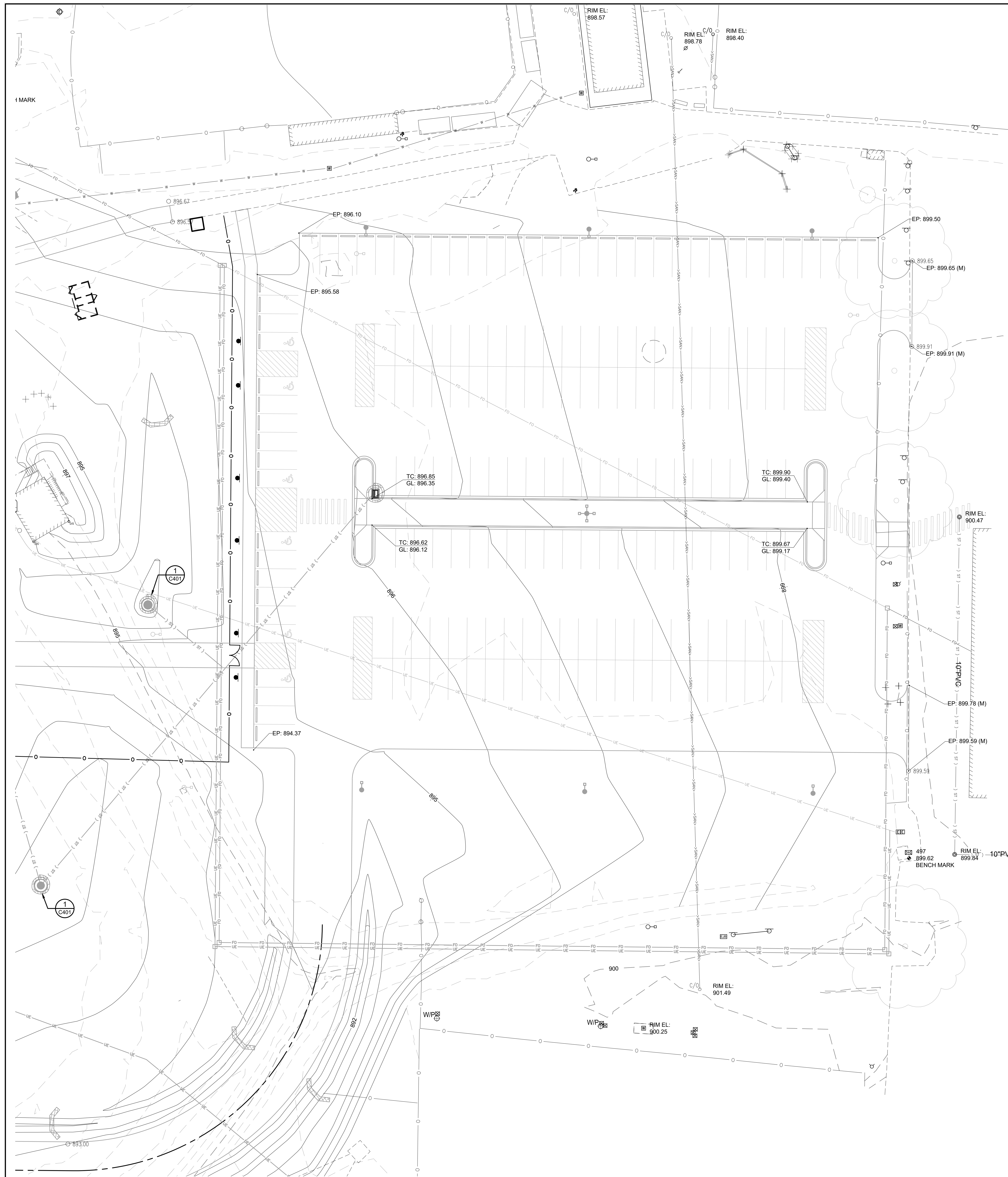
PROJECT NO: 24-5017
 DRAWING ISSUED DATE: 09/24/2025

SHEET: **C202**

BENCHMARKS:
 2. SOUTHEAST CORNER CONCRETE PAD FOR ELECTRIC TRANSFORMER SOUTHEAST CORNER. BASEBALL FIELD - ELEV 899.64 (FROM TOPOGRAPHIC SURVEY BY ALLSTATE CONSULTANTS, P.C. JOB #04345.01) USED FOR KLINGNER PROJECT NO. 21-5052.
 6. CHISELED "C" NORTHWEST CORNER CONCRETE PAD SOUTH OF DISCUS PAD - ELEV. 898.22



HWY 124



EXISTING	PROPOSED	
		SUMMIT / HIGH POINT
		CONTOURS
		INDEX CONTOURS
		DIRECTION OF DRAINAGE
		SPOT ELEVATION
		EROSION CONTROL BARRIER
		TURF REINFORCEMENT MAT (TRM)
		SHEAR STRESS: 10 LB/SF
		VELOCITY: MIN. 10 FT/SEC
		RIP RAP
		SHORT TERM SLOPE
		EROSION CONTROL BLANKET

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REVISION HISTORY			
NO.	DESCRIPTION	DATE	APP'D.
1	ISSUED FOR DD REVIEW	09/26/2025	

ISSUED FOR DD REVIEW
 09/26/2025

PRELIMINARY NOT FOR CONSTRUCTION

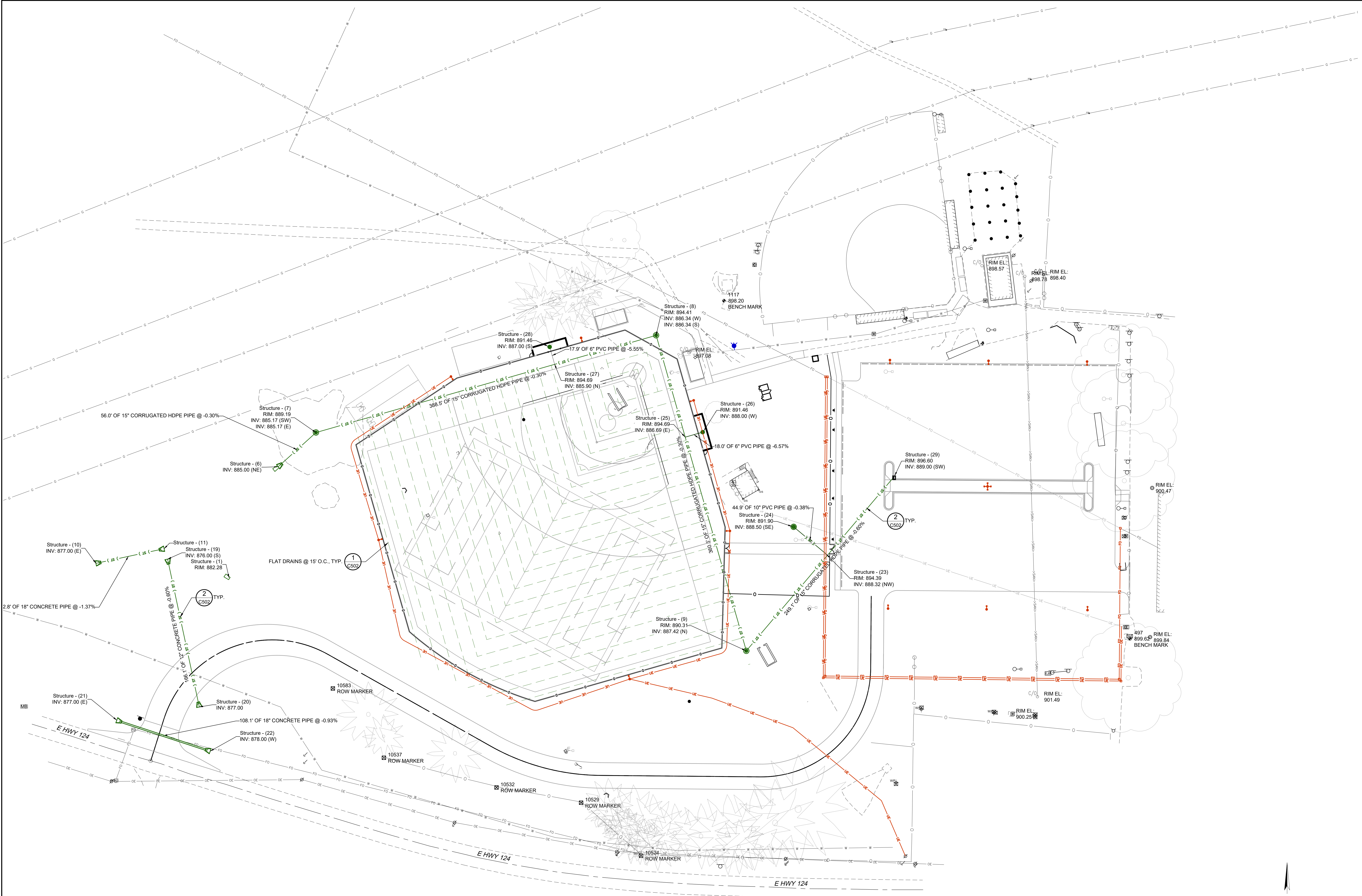
NEW ALL PURPOSE FIELD AND PARKING LOT
HALLSVILLE R-IV SCHOOL DISTRICT
 411 E. HIGHWAY 124
 HALLSVILLE, MO 65255

Non-Reduced Sheet Size: 30" x 42"	
Full sized plans have been prepared using standard scales. Reduced size plans may not conform to standard scales.	
DESIGNED: DCD	DRAWN: DCD
FIELD: MAN/TFGH	FIELD BOOK: HICKS
CHECKED: []	CHECK DATE: []
SHEET TITLE	
ENLARGED GRADING & EROSION CONTROL PLAN - EAST	
PROJECT NO: 24-5017	
DRAWING ISSUED DATE: 09/24/2025	
SHEET	
C203	

BENCHMARKS:

2. SOUTHEAST CORNER CONCRETE PAD FOR ELECTRIC TRANSFORMER SOUTHEAST CORNER BASEBALL FIELD - ELEV 899.64 (FROM TOPOGRAPHIC SURVEY BY ALLSTATE CONSULTANTS, P.C. JOB #04345.01) USED FOR KLINGNER PROJECT NO. 21-5052.

6. CHISELED "C" NORTHWEST CORNER CONCRETE PAD SOUTH OF DISCUS PAD - ELEV 898.22



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REVISION HISTORY

NO.	DESCRIPTION	DATE	APP.

ISSUED FOR: DD REVIEW

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CONSTRUCTION**

**NEW ALL PURPOSE FIELD AND PARKING LOT
 HALLSVILLE R-IV SCHOOL DISTRICT
 411 E. HIGHWAY 124
 HALLSVILLE, MO 65255**

Non-Reduced Sheet Size: 30" W x 42"
 All sheet plans have been prepared using standard scales. Reduced size plans may not conform to standard scales.

DESIGNED: DCD	DRAWN: DCD
FIELD: MAN/FGH	FIELD BOOK: HICKS
CHECKED:	CHECK DATE:

SHEET TITLE
**OVERALL SITE
 UTILITY PLAN**

PROJECT NO: 24-5017
 DRAWING ISSUED DATE: 09/24/2025
 SHEET
C301

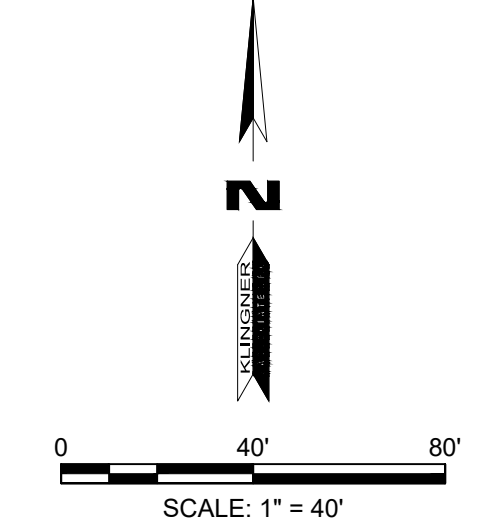
DRAINAGE STRUCTURE SCHEDULE

STRUCT. #	DESCRIPTION	GRATE TYPE
29	TYPE E INLET (DETAIL 3/C502)	NEENAH R-6020 MANHOLE FR & SOLID LID OR EQUAL
7	48" Ø MANHOLE (DETAIL 3/C502)	R-1713 GRATE W/FRAME & SOLID LID
8	48" Ø MANHOLE (DETAIL 3/C502)	R-1713 GRATE W/FRAME & SOLID LID
9	48" Ø MANHOLE (DETAIL 3/C502)	R-1713 GRATE W/FRAME & SOLID LID

DRAINAGE STRUCTURE FES SCHEDULE

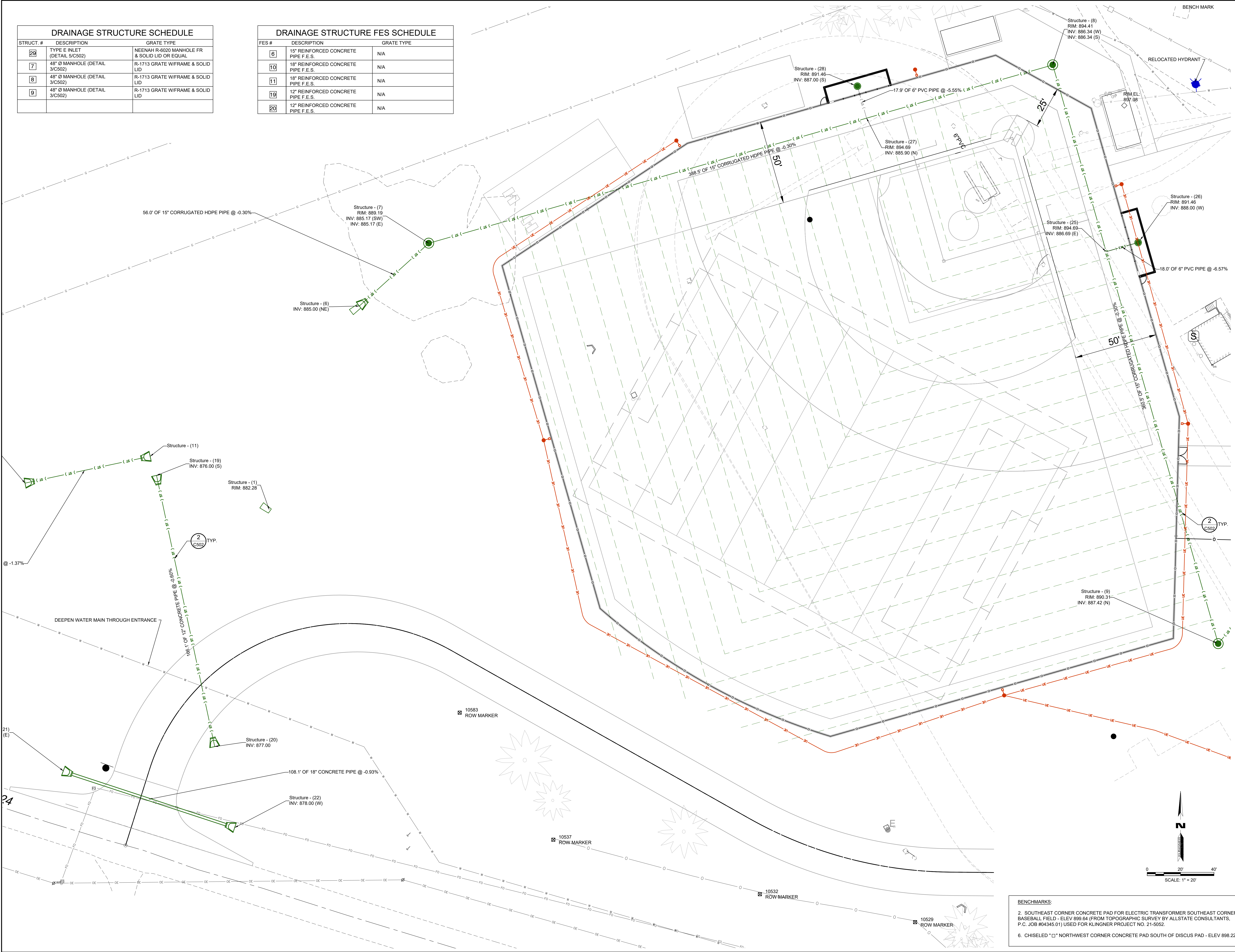
FES #	DESCRIPTION	GRATE TYPE
6	15" REINFORCED CONCRETE PIPE F.E.S.	N/A
10	18" REINFORCED CONCRETE PIPE F.E.S.	N/A
11	18" REINFORCED CONCRETE PIPE F.E.S.	N/A
19	12" REINFORCED CONCRETE PIPE F.E.S.	N/A
20	12" REINFORCED CONCRETE PIPE F.E.S.	N/A

BENCHMARKS:
 2. SOUTHEAST CORNER CONCRETE PAD FOR ELECTRIC TRANSFORMER SOUTHEAST CORNER BASEBALL FIELD - ELEV 899.64 (FROM TOPOGRAPHIC SURVEY BY ALLSTATE CONSULTANTS, P.C. JOB #04345.01) USED FOR KLINGNER PROJECT NO. 21-5052.
 6. CHISELED "□" NORTHWEST CORNER CONCRETE PAD SOUTH OF DISCUS PAD - ELEV 898.22



DRAINAGE STRUCTURE SCHEDULE		
STRUCT. #	DESCRIPTION	GRATE TYPE
29	TYPE E INLET (DETAIL 5/C502)	NEENAH R-6020 MANHOLE FR & SOLID LID OR EQUAL
7	48" Ø MANHOLE (DETAIL 3/C502)	R-1713 GRATE W/FRAME & SOLID LID
8	48" Ø MANHOLE (DETAIL 3/C502)	R-1713 GRATE W/FRAME & SOLID LID
9	48" Ø MANHOLE (DETAIL 3/C502)	R-1713 GRATE W/FRAME & SOLID LID

DRAINAGE STRUCTURE FES SCHEDULE		
FES #	DESCRIPTION	GRATE TYPE
6	15" REINFORCED CONCRETE PIPE F.E.S.	N/A
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19	12" REINFORCED CONCRETE PIPE F.E.S.	N/A
20	12" REINFORCED CONCRETE PIPE F.E.S.	N/A



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REVISION HISTORY			
NO.	DESCRIPTION	DATE	APP'D.
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ISSUED FOR: 09/26/2025
 DD REVIEW

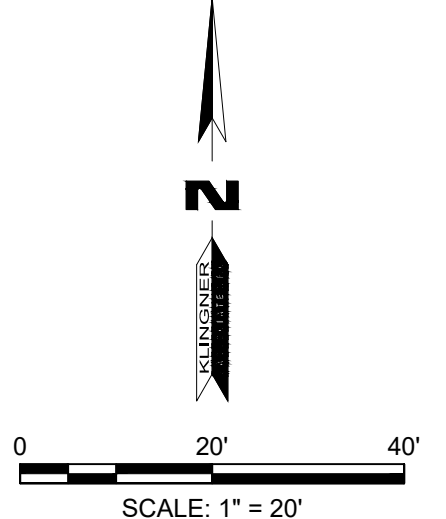
**PRELIMINARY
NOT FOR
CONSTRUCTION**

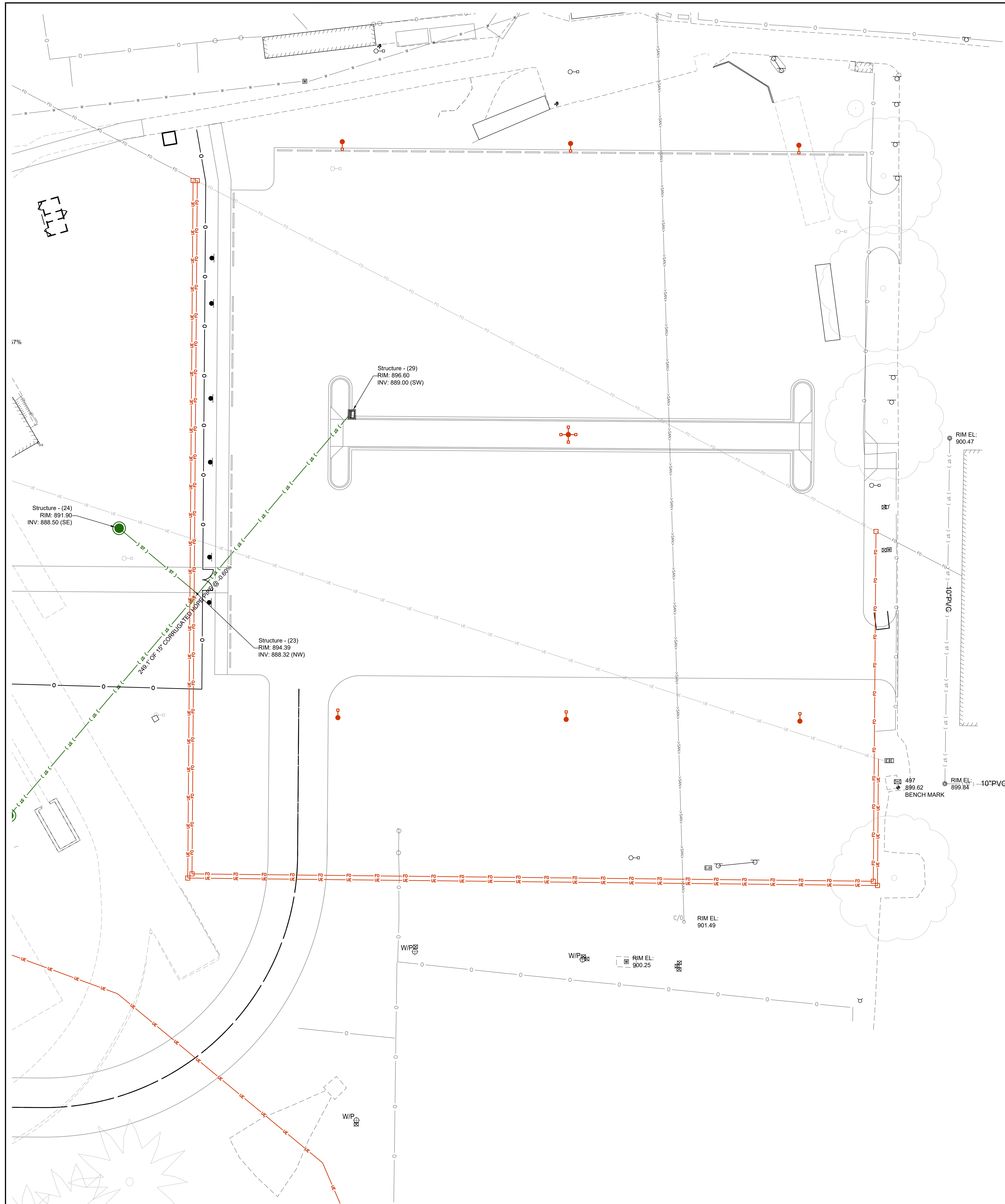
**NEW ALL PURPOSE FIELD AND PARKING LOT
 HALLSVILLE R-IV SCHOOL DISTRICT
 411 E. HIGHWAY 124
 HALLSVILLE, MO 65255**

DESIGNED	DCD	DRAWN	DCD
FIELD	MAN/FTGH	FIELD BOOK	H20305
CHECKED		CHECK DATE	

SHEET TITLE
**ENLARGED SITE
 UTILITY PLAN - WEST**
 PROJECT NO.
 24-5017
 DRAWING ISSUED DATE:
 09/24/2025
 SHEET
C302

BENCHMARKS:
 2. SOUTHEAST CORNER CONCRETE PAD FOR ELECTRIC TRANSFORMER SOUTHEAST CORNER BASEBALL FIELD - ELEV 899.64 (FROM TOPOGRAPHIC SURVEY BY ALLSTATE CONSULTANTS, P.C. JOB #04345.01) USED FOR KLINGNER PROJECT NO. 21-5052.
 6. CHISELED "□" NORTHWEST CORNER CONCRETE PAD SOUTH OF DISCUS PAD - ELEV 898.22





DRAINAGE STRUCTURE SCHEDULE		
STRUCT. #	DESCRIPTION	GRATE TYPE
29	TYPE E INLET (DETAIL 5/C502)	NEENAH R-6020 MANHOLE FR & SOLID LID OR EQUAL
7	48" Ø MANHOLE (DETAIL 3/C502)	R-1713 GRATE W/FRAME & SOLID LID
8	48" Ø MANHOLE (DETAIL 3/C502)	R-1713 GRATE W/FRAME & SOLID LID
9	48" Ø MANHOLE (DETAIL 3/C502)	R-1713 GRATE W/FRAME & SOLID LID

DRAINAGE STRUCTURE FES SCHEDULE		
FES #	DESCRIPTION	GRATE TYPE
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20	12" REINFORCED CONCRETE PIPE F.E.S.	N/A

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REVISION HISTORY			
NO.	DESCRIPTION	DATE	APP.

ISSUED FOR: DD REVIEW

DD REVIEW

**PRELIMINARY
NOT FOR
CONSTRUCTION**

**NEW ALL PURPOSE FIELD AND PARKING LOT
HALLSVILLE R-IV SCHOOL DISTRICT
411 E. HIGHWAY 124
HALLSVILLE, MO 65255**

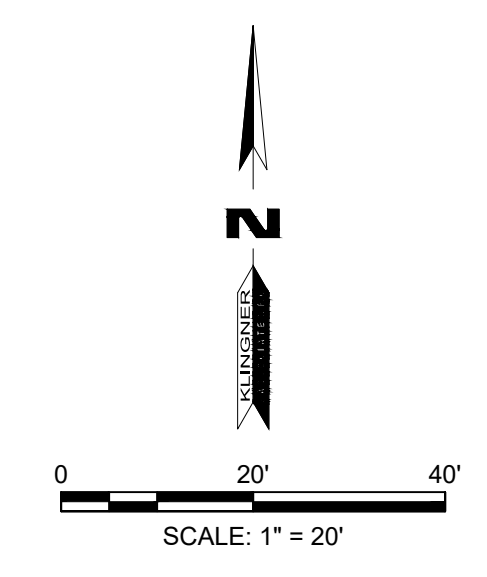
Non-Reduced Sheet Size: 30" x 42"	
Full sized plans have been prepared using standard scales. Reduced size plans may not conform to standard scales.	
DESIGNED: DCD	DRAWN: DCD
FIELD: MAN/UTGH	FIELD BOOK: HICKS
CHECKED: []	CHECK DATE: []

SHEET TITLE
**ENLARGED SITE
UTILITY PLAN - EAST**

PROJECT NO: 24-5017
DRAWING ISSUED DATE: 09/24/2025

SHEET
C303

BENCHMARKS:
2. SOUTHEAST CORNER CONCRETE PAD FOR ELECTRIC TRANSFORMER SOUTHEAST CORNER BASEBALL FIELD - ELEV 899.64 (FROM TOPOGRAPHIC SURVEY BY ALLSTATE CONSULTANTS, P.C. JOB #04345.01) USED FOR KLINGNER PROJECT NO. 21-5052.
6. CHISELED " " NORTHWEST CORNER CONCRETE PAD SOUTH OF DISCUS PAD - ELEV 898.22



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616 North 24th Street
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Burlington, IA
Harrisburg, MO
Galesburg, MO
Columbia, MO

CERTIFICATION STATEMENTS

This plan and certifications are a part of the Storm Water Pollution Prevention Plan for the project described below, in accordance with NPDES Permit No. MO-R10A000 as issued by the Missouri Department of Natural Resources for storm water discharges from Construction Site Activities.

PROJECT INFORMATION:
 Site: _____ Location: _____
 County: _____ Lat: _____ Long: _____

PERMITTEE (OWNER) CERTIFICATION: CONTRACTOR CERTIFICATION STATEMENT certify under penalty of law that this document and all attachments were prepared under my direct supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

OWNER (PERMITTEE): _____ CONTRACTOR: _____
 SIGNATURE: _____ SIGNATURE: _____
 PRINT NAME: _____ PRINT NAME: _____
 STREET ADDRESS: _____ STREET ADDRESS: _____
 City _____ State _____ Zip _____ City _____ State _____ Zip _____
 TELEPHONE NUMBER: _____ TELEPHONE NUMBER: _____
 FAX NUMBER: _____ FAX NUMBER: _____
 DATE: _____ DATE: _____

STORM WATER POLLUTION PLAN

The following plan is established and incorporated in the project to aid the contractor in the placement of temporary erosion control systems and to provide a storm sewer water pollution prevention plan for compliance under NPDES.

The purpose of this plan is to minimize erosion within the construction site and to limit sediments from leaving the construction site by utilizing proper temporary erosion control systems and providing ground cover within a reasonable amount of time.

Certain erosion control facilities shall be installed by the contractor at the beginning of construction. Other items shall be installed by the contractor as deemed necessary, on a case-by-case situation, depending on the contractor's sequence of activities, time of year and expected weather conditions.

The contractor shall install permanent erosion control systems and seeding within a time frame specified herein. Therefore minimizing the amount of area susceptible to erosion and reducing the amount of temporary seeding. Contractor shall further determine if any temporary erosion control systems shown in the plan can be deleted and if any additional temporary erosion control systems which are not included in this plan shall be added.

SITE DESCRIPTION

- The project consists of site work for the development of a Construction includes tree removal, earth excavation, embankment, various pavement items, and other miscellaneous items of construction.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES, WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE.

- Placement, maintenance, removal and proper clean-up of temporary erosion control, such as perimeter erosion control barriers; temporary ditch checks; siltation basins; temporary seeding, etc.
- Tree removal as shown on the plans. Trees to remain will be protected against damage.
- Topsoil removal and stockpiling.
- Excavation and embankment at the job site to achieve the proposed site contours.
- Storm sewers, manholes, inlets, and other utility installations.
- Placement, maintenance, removal and proper clean-up of temporary erosion control, such as perimeter erosion control barrier, temporary ditch checks, inlet and pipe protection, temporary seeding, etc.
- Pavement and sidewalk work.
- Final grading, landscaping and other miscellaneous items.
- Placement of permanent erosion control, such as riprap ditches, and erosion control blanket, seeding, etc.

AREA OF CONSTRUCTION SITE:

- The total area of the project site is approximately _____ acres of which _____ acres will be disturbed by excavation, grading, and other activities.

OTHER REPORTS, STUDIES AND PLANS WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

- Project plan documents, specifications, hydraulic reports, and plan drawings indicate drainage patterns and approximate slopes anticipated after grading activities were utilized for the proposed placement of the temporary erosion control systems.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

- The names of receiving water(s) is the Missouri River.
- Location of any sensitive areas (i.e. wetlands, habitats)

STORM WATER CONTROLS-EROSION CONTROLS AND SEDIMENT CONTROL:

- DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION
 The drawings and specifications should ensure that existing vegetation is preserved where attainable and disturbed portions of the site will be stabilized. Stabilization practices include temporary seeding, permanent seeding, mulching, protection of trees, preservation of mature vegetation, and other appropriate measures. Stabilization measures shall be initiated immediately in portions of the site where construction activities have temporarily or permanently ceased and completed in no more than 7 days after the construction activity in that portion of the site has temporarily or permanently ceased. Allowances to the seven (7) day completion period for temporary and permanent stabilization may be made due to weather and equipment malfunctions. The allowances shall be documented in the SWPPP.
 - Areas of existing vegetation, wood and grasslands; outside the proposed construction limits shall be identified for preserving and shall be protected from construction activities.
 - Dead, diseased, or unsuitable vegetation within the site shall be removed, along with required tree removal.
 - As soon as reasonable access is available to all locations where water drains away from the project, temporary ditch checks, inlet and pipe protection, and perimeter erosion barrier shall be installed as called out in this plan.
 - Bare and sparsely vegetated ground in high erodible areas shall be temporarily seeded at the beginning of construction where not construction activities are expected within seven days.
 - Immediately after tree removal or stripping is completed, areas which are highly erodible shall be temporarily seeded when no construction activities are expected within seven days.
 - At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), temporary ditch checks or silt fencing will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the site.

Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be completed.

2. DESCRIPTION OF STABILIZATION (BEST MANAGEMENT) PRACTICES DURING CONSTRUCTION

During construction, areas outside the construction limits as outlined previously herein shall be protected. The contractor shall not use this area for staging (except as described on the plans) and parking of vehicles or construction equipment, storage of materials, or other construction related activities.

- Within the construction limits, areas which may be susceptible to erosion, shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
- Earth stockpiles shall be temporarily seeded immediately if they are to remain unused for more than fourteen (14) days.
- As construction proceeds, the contractor shall institute the following:
 - Place temporary erosion control facilities at locations shown on the plans.
 - Temporarily seeded erodible bare earth on a weekly basis to minimize the amount of erodible surface area within the contract limits.
 - Construct ditches and provide temporary erosion control systems including ditch lining and ditch stops.
 - Temporarily divert water around culvert locations.
 - Build necessary embankments at culvert locations and then excavate and place culvert.
 - Continue building up the embankment to the proposed grade while at the same time placing permanent erosion control such as riprap ditch lining and conducting final shaping to the slopes.
- Excavated areas and embankment shall be permanently seeded immediately after final grading. If not, they shall be temporarily seeded immediately if no construction activity in the area is planned for 7 days.
- Construction equipment and materials shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or other pollutant in accordance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.
- The contractor shall inspect the project daily during construction activities. Inspection shall also be done weekly and after heavy rains.
- Sediment collected during construction of the various temporary erosion control systems shall be disposed of on the site on a regular basis.
- The temporary erosion control systems shall be removed after use is no longer or no longer functioning.
- A sedimentation basin shall be included for each drainage area with ten (10) or more acres disturbed at one time. The sediment basin shall be sized to treat a local 2-year, 24-hour storm. Accumulated sediment shall be removed from the basin when basin is 50% full. Utilize outlet structures that withdraw water from the surface when discharging from basins and impoundments unless infeasible. Discharges from the basin shall not cause scouring of the banks or bottom of the receiving stream. The basin shall be maintained until final stabilization of the disturbed area served by the basin.

3. DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING

- Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established.
- Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded.

MAINTENANCE AFTER CONSTRUCTION

- Construction is complete after acceptance by the Owner. Maintenance up to this date will be by the Contractor.

MISCELLANEOUS

- Temporary ditch checks shall be located at every 1.5 ft. fall/rise in ditch grade.
- Temporary erosion control seeding shall be applied at a rate of 100 lbs./acres.
- Straw bales, hay bales, perimeter erosion barrier and silt fences will not be permitted for permanent ditch checks. Ditch checks shall be composed of aggregate, silt panels, rolled excelsior, geotextile web grids and/or other equal materials.
- Sediment collected during construction by the various temporary erosion control systems shall be disposed on the site on a regular basis.

INSPECTIONS.

ON SITE INSPECTOR NAME: _____
 COMPANY NAME: _____
 STREET ADDRESS: _____
 City _____ State _____ Zip _____
 TELEPHONE NUMBER: _____
 FAX NUMBER: _____

The Permittee (or a representative of the permittee) shall conduct regularly scheduled inspections at least once every seven (7) calendar days. These inspections shall be conducted by a qualified personnel, one who is responsible for environmental matters at the site, or a person directly supervised by the person responsible for environmental matters. For disturbed areas that have not been finally stabilized, all installed BMP's and other pollution control measures shall be inspected for proper installation, operation and maintenance. All stormwater outfalls shall be inspected 50 feet downstream of the outfall. Any structural or maintenance problems shall be noted in an inspection report and corrected within seven calendar days of the inspection. All BMP's must be inspected in accordance with one of the two schedules listed below, and any changes to the frequency of inspections, including switching between the options listed below, must be documented in the SWPPP.

- At least once every seven calendar days and within 24 hours after any storm event equal to or greater than the 2-year, 24-hour storm has ceased during a normal work day and within 72 hours if the rain event ceases during a non-work day such as a weekend or holiday.
- Once every 14 calendar days and within 48 hours of the occurrence of a storm event of 0.25 inches of precipitation or greater, or the occurrence of runoff from snow melt. To determine if a storm event of 0.25 inches or greater has occurred on your site, you must either keep a properly maintained rain gauge on site, or obtain the storm event information from a weather station for your location.
- Disturbed areas and areas used for storage of materials that are exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants entering the drainage system. Erosion and sediment control measures identified in the plan shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters. Locations where vehicles enter or exit the site shall be inspected for evidence of off site sediment tracking.
- Based on the results of the inspection, the description of potential pollutant sources identified herein and pollution prevention measures identified herein shall be revised as appropriate as soon as practicable after such inspection. Any changes to this plan resulting from the required inspections shall be implemented within 7 calendar days following the inspection.
- A report summarizing the scope of the inspection, names(s) and qualifications of personnel making the inspection, the date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken shall be made and retained as part of the plan for at least three (3) years after the date of the Letter of Termination. The report shall be signed in accordance with Requirements and Guidelines of the general permit.

- If, for any reason, the permittee does not comply with or will be unable to comply with any daily maximum effluent limitation specified in this permit, the permittee shall provide the Department with the following information, in writing within five (5) days of becoming aware of such conditions:
 - a description of discharge and cause of noncompliance, and
 - the period of noncompliance, including exact dates and times or, if not corrected, the anticipated noncompliance is expected to continue in and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.
- Twenty-four hour reporting. The permittee shall report any noncompliance which may endanger health or environment. Any information shall be provided orally with in 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five (5) days of the time the permittee becomes aware of the circumstances. The Department may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

The report of noncompliance shall be mailed to the following address:

Missouri Department of Natural Resources
 St. Louis Regional Office
 7545 S. Lindbergh, Suite 210
 St. Louis, Missouri 63125
 (314) 416-2960
 (314) 416-2960 fax
 Special Provision
 For
 National Pollutant Discharge Elimination System

This project will result in a disturbance of one (1) or more acres of total land area and will require compliance with the National Pollutant Discharge Elimination System (NPDES) Storm Water Permit.

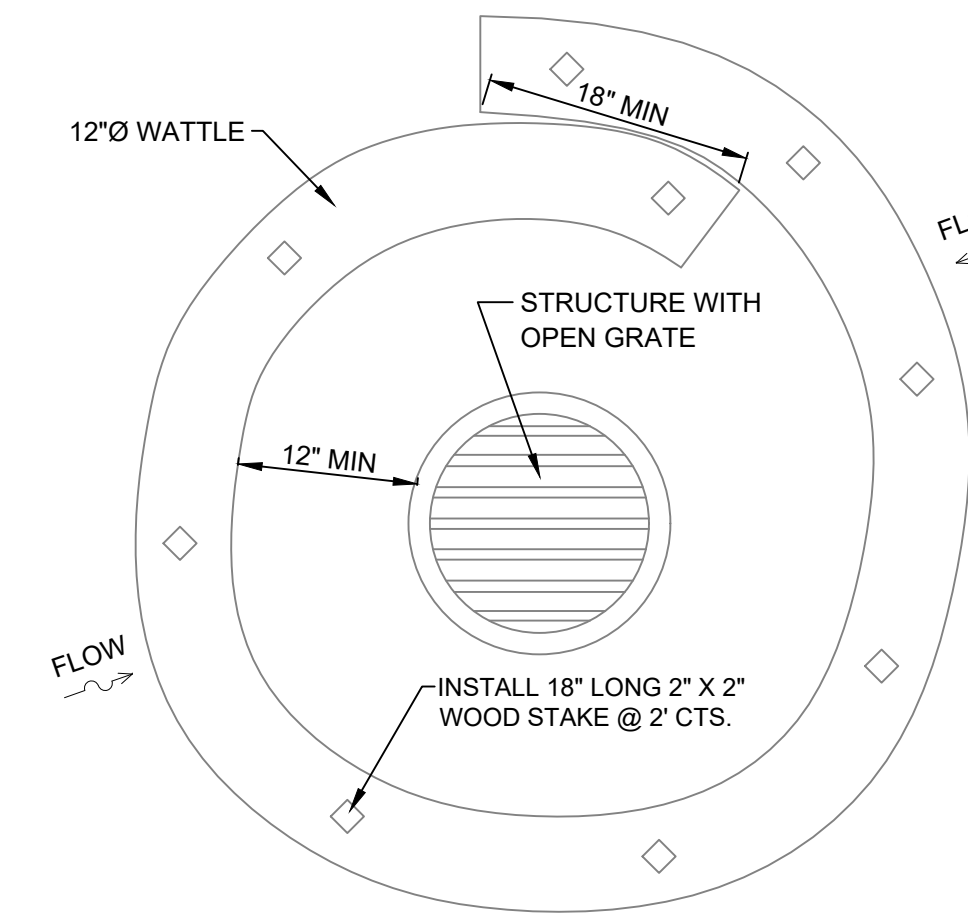
The Owner is the PERMITTEE and the Contractors and Subcontractors will be required to certify that they understand and will comply with all requirements of the permit.

A storm water pollution plan shall be cooperatively developed by the PERMITTEE and contractor for this project using good engineering practices. The plan shall identify potential sources of pollution which may reasonably be expected to affect the quality of storm water discharges. In addition, the plan shall describe and ensure the implementation of practices which will be used to reduce the pollutants in storm water discharges associated with this project and assure compliance with the terms and conditions of the Storm Water Permit.

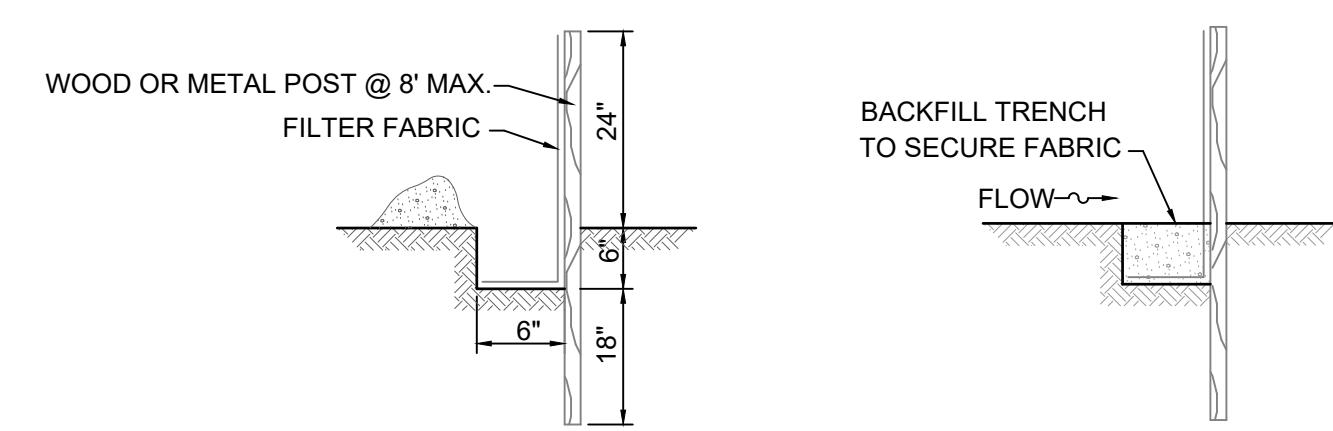
The EPERMITTING process on the Missouri Department of Natural Resource (MoDNR) website shall be completed in order to receive the Land Disturbance Permit. At the completion of the project stabilization the following form shall be completed and submitted to the MoDNR:

FORM H - REQUEST FOR TERMINATION OF A GENERAL PERMIT

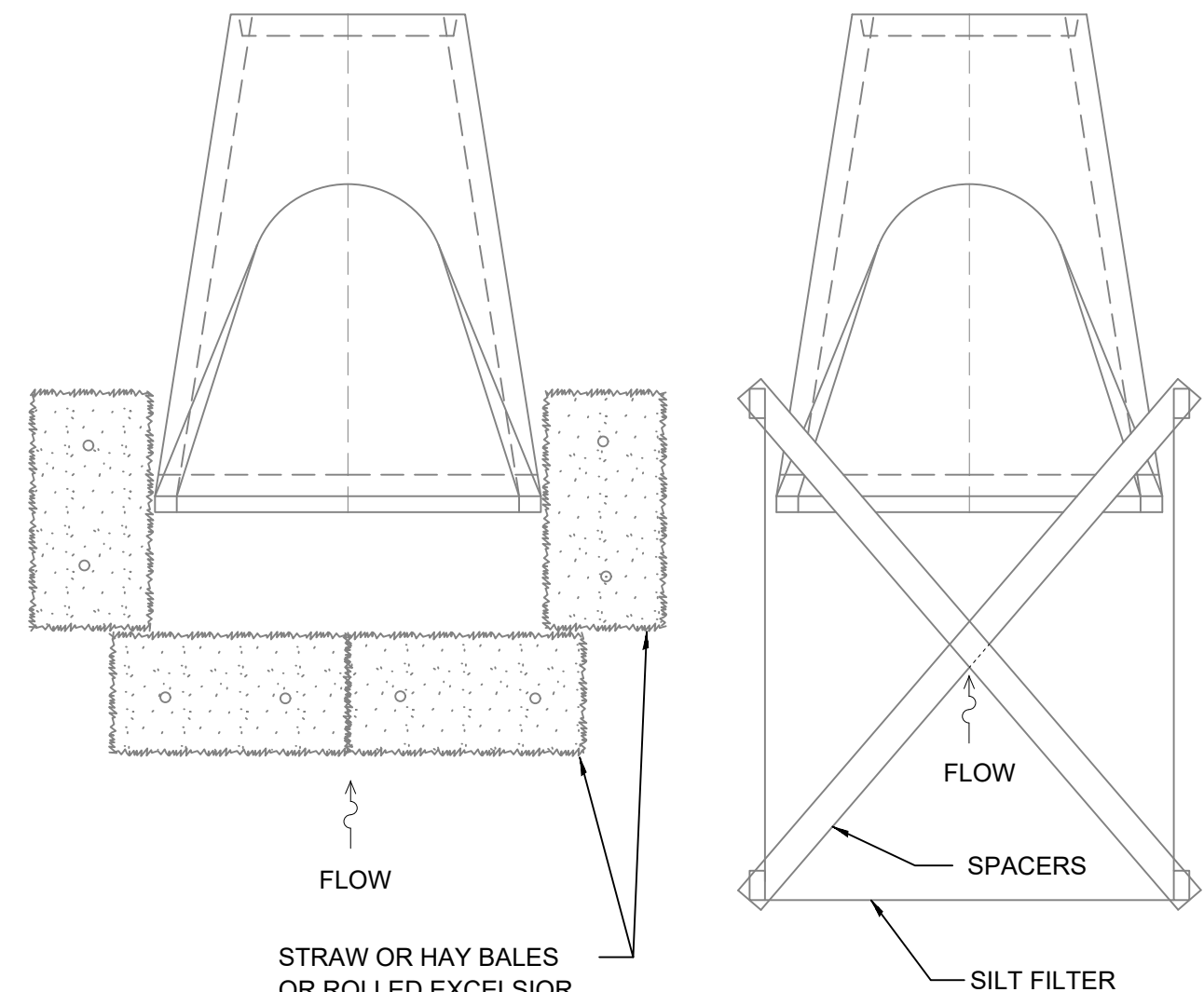
The Contractor shall prepare a stormwater management plan which is certified by both the Owner and Contractor. The Contractor shall be responsible for obtaining the NPDES permit including but not limited to the epermitting application for Land Disturbance Permit. Posting a copy of the public notification sign on the site and Request for Termination as well as maintaining the Stormwater Management Plan and maintenance records on-site.



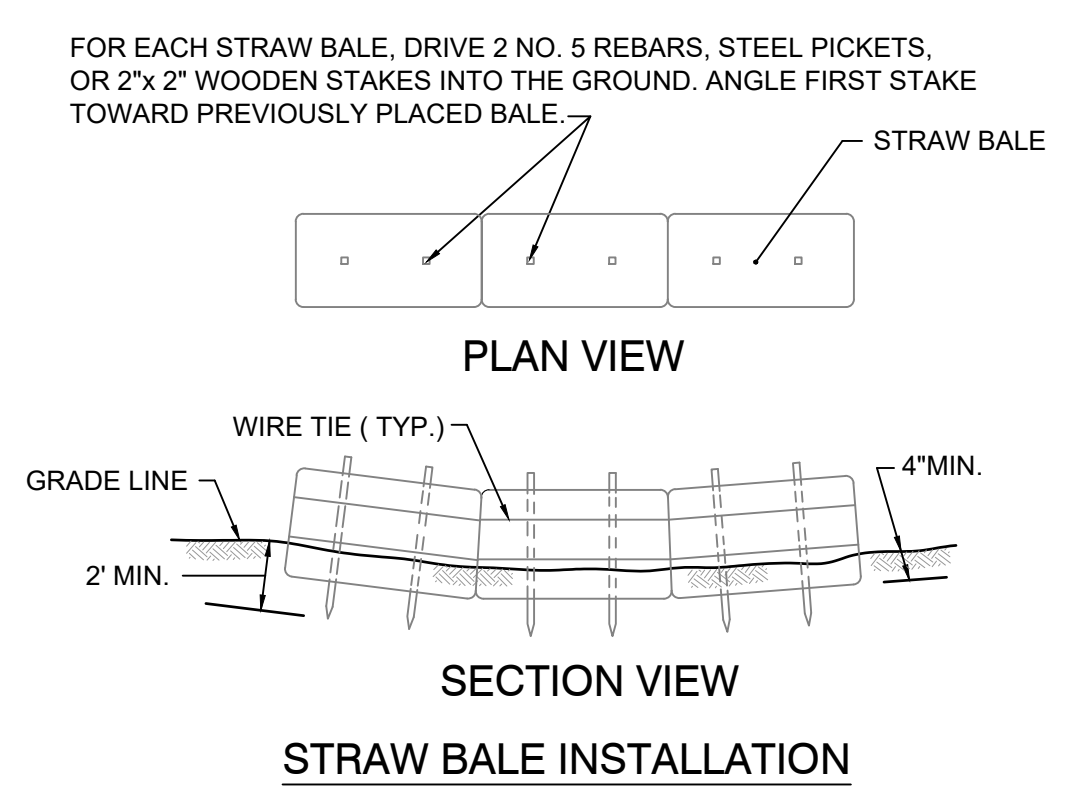
1 INLET PROTECTION DETAILS
N.T.S.



2 FILTER FENCE AND POST INSTALLATION
SECTION

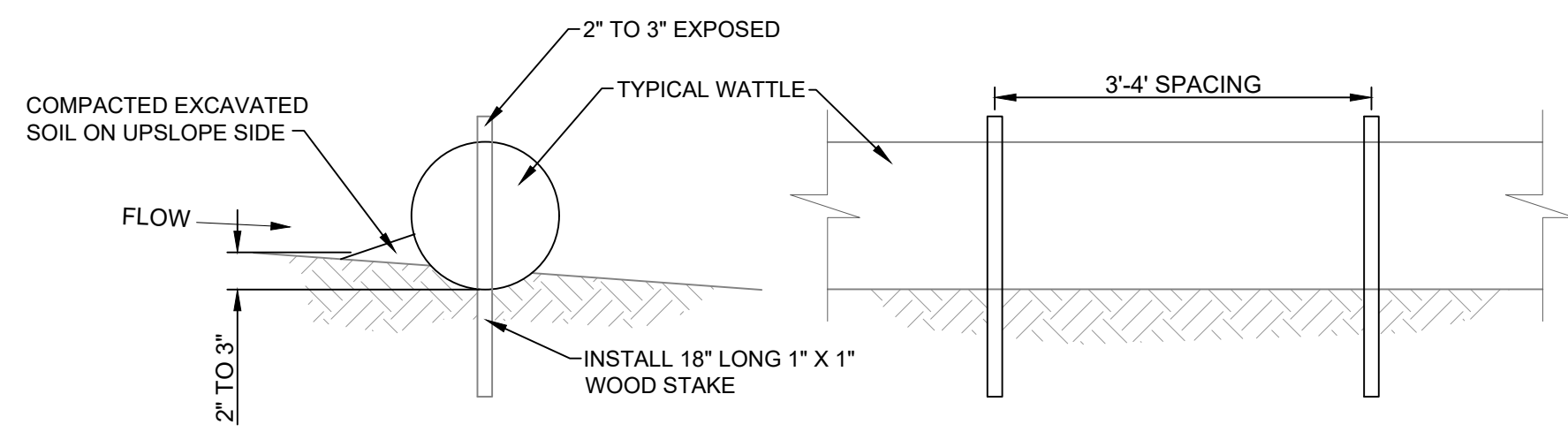


3 FLARED END SECTION PROTECTION DETAILS
N.T.S.



4 STRAW BALE INSTALLATION
SECTION VIEW

4 TEMPORARY EROSION CONTROL BARRIER DETAILS
N.T.S.



2 EROSION CONTROL WATTLE CHECK
N.T.S.

FOR EACH STRAW BALE, DRIVE 2 NO. 5 REBARS, STEEL PICKETS, OR 2" X 2" WOODEN STAKES INTO THE GROUND. ANGLE FIRST STAKE TOWARD PREVIOUSLY PLACED BALE.

- STRAW BALES TO BE STACKED IN A SINGLE ROW & EMBEDDED IN THE SOIL TO A DEPTH OF 4 INCHES MINIMUM
- ALL BALES ARE TO BE SECURELY BOUND WITH WIRE OR STRIPS.
- LENGTH OF SEDIMENT BARRIER AS INDICATED ON THE PLANS
- SCATTER LOOSE STRAW OVER THE AREA IMMEDIATELY UPSLOPE FROM SEDIMENT BARRIERS. FILL GAPS BETWEEN BALES WITH LOOSE STRAW.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SEDIMENT BARRIERS IN A CONDITION THAT IS SATISFACTORY TO THE CONTRACTING OFFICER UNTIL FINAL ACCEPTANCE OF WORK.

KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 www.klinger.com
 Quincy, Illinois
 618 North 24th Street
 IL 617 223 3670

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REVISION HISTORY			
NO.	DESCRIPTION	DATE	APPN.

ISSUED FOR: 09/26/2025

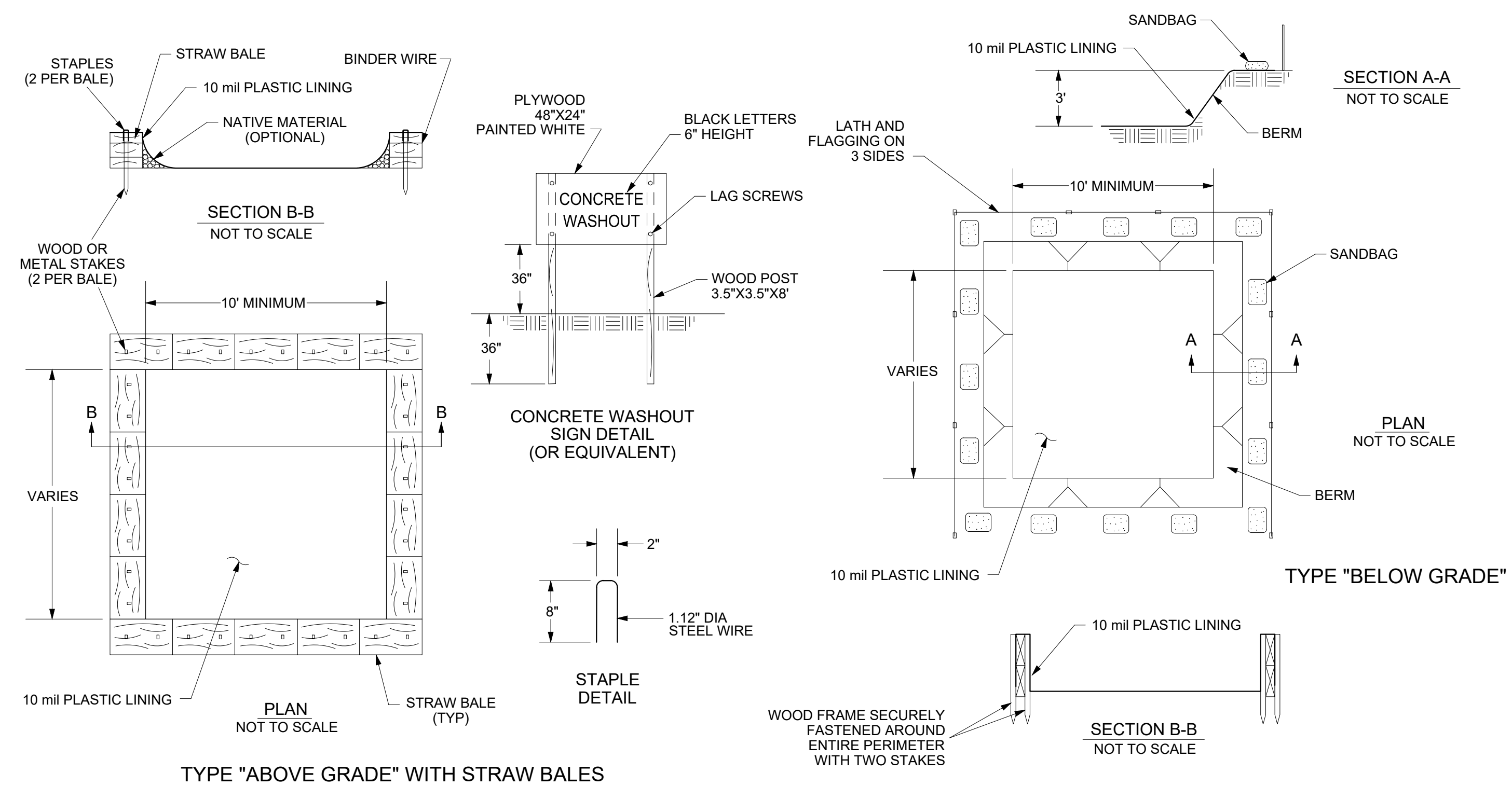
DD REVIEW

PRELIMINARY
NOT FOR
CONSTRUCTION

NEW ALL PURPOSE FIELD AND PARKING LOT
 HALLSVILLE R-IV SCHOOL DISTRICT
 411 E. HIGHWAY 124
 HALLSVILLE, MO 65255

DESIGNED	DCD	DRAWN	DCD
FIELD	MAN/FGH	FIELD BOOK	HCK/SJS
CHECKED		CHECK DATE	

SHEET TITLE
 SWPPP
 PROJECT NO.
 24-5017
 DRAWING ISSUED DATE:
 09/24/2025
 SHEET
C401

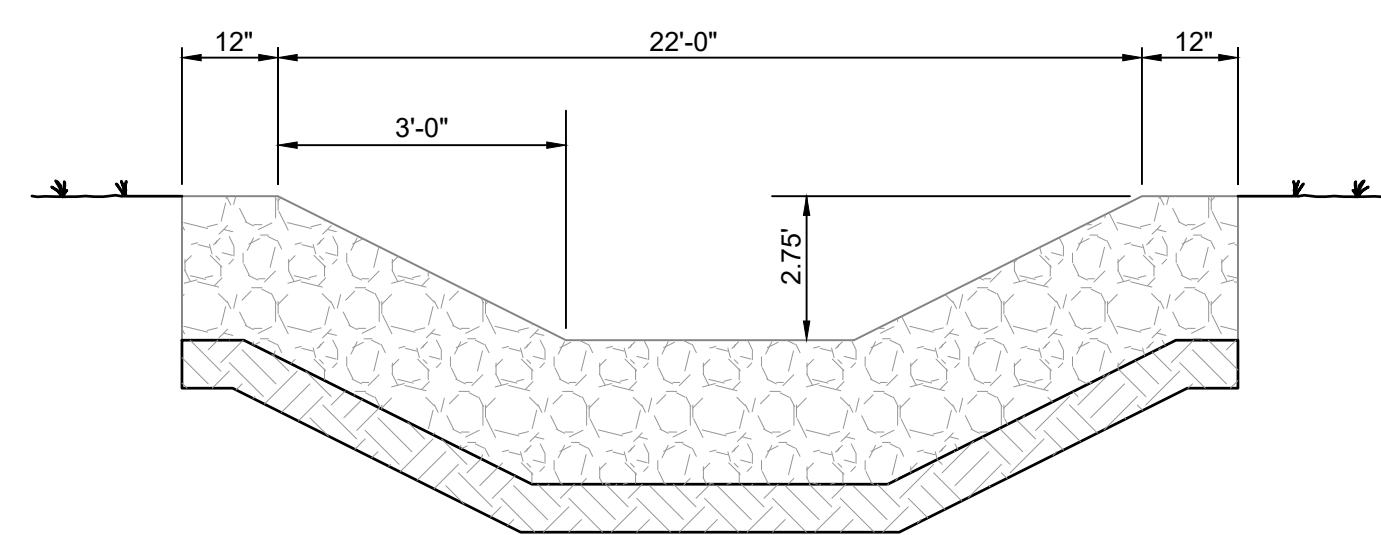


TYPE "ABOVE GRADE" WITH STRAW BALES

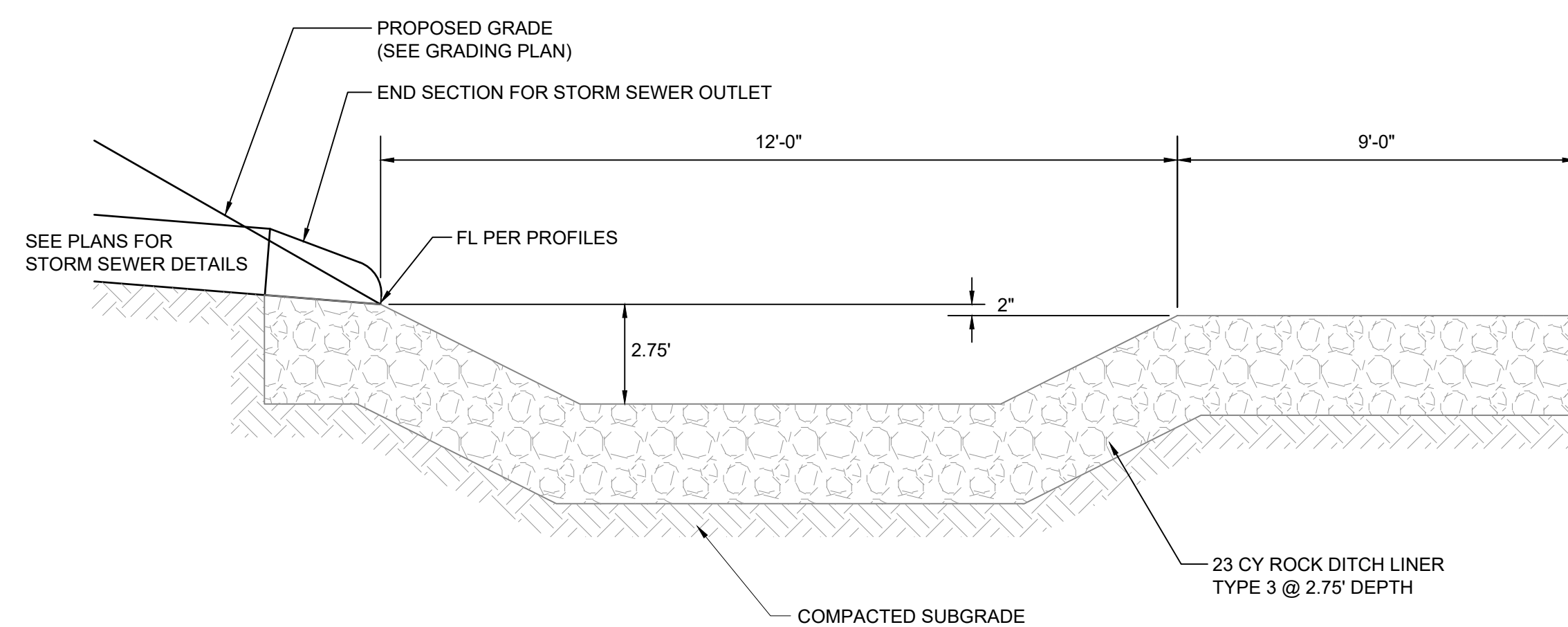
NOTES

1. ACTUAL LAYOUT TO BE DETERMINED IN THE FIELD.
2. A CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE REMOVED FROM THE SITE OF THE WORK AND DISPOSED OF OR RECYCLED.
4. HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE BACKFILLED, REPAIRED, AND STABILIZED TO PREVENT EROSION.

1 CONCRETE WASH OUT DETAIL
N.T.S.

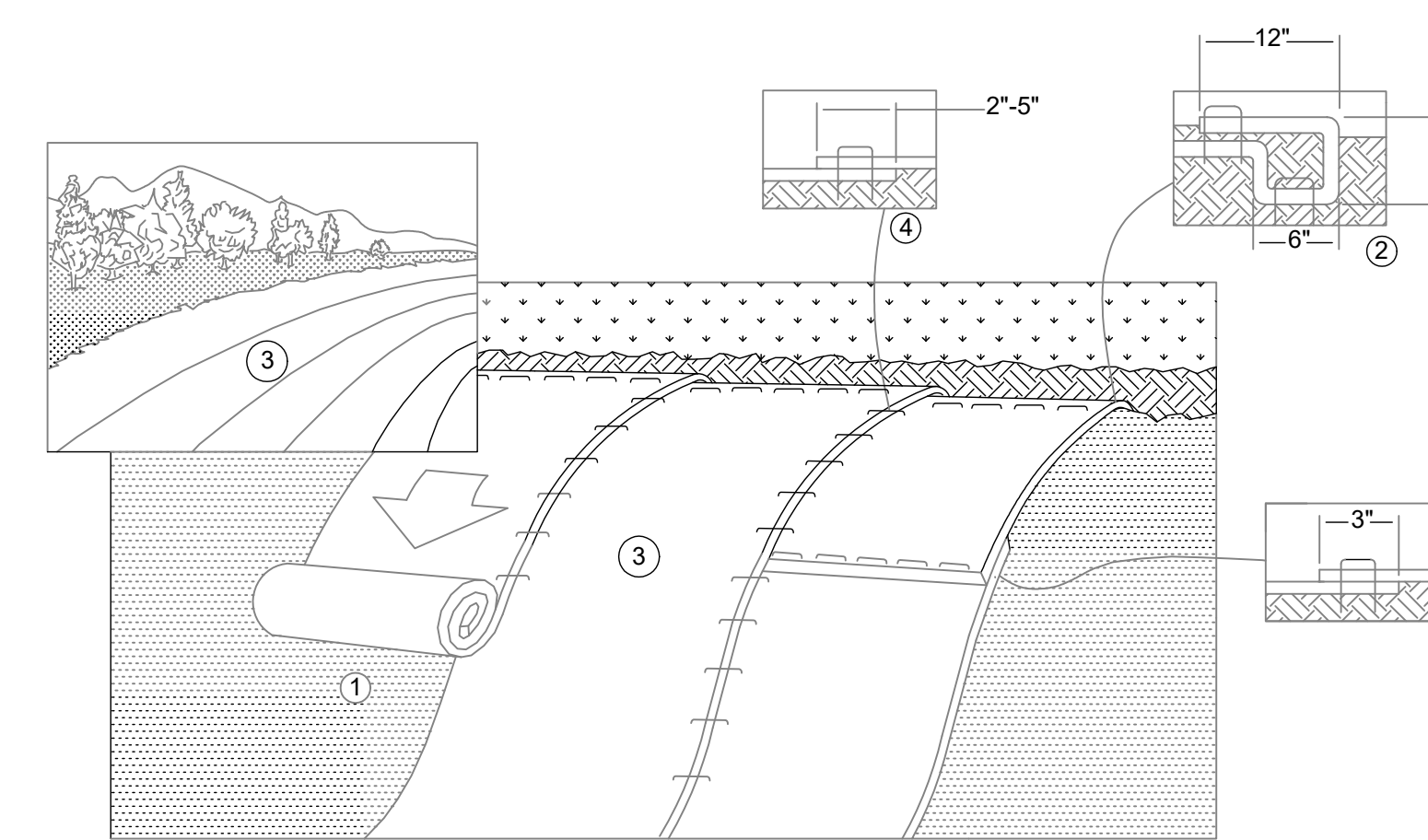


CROSS SECTION



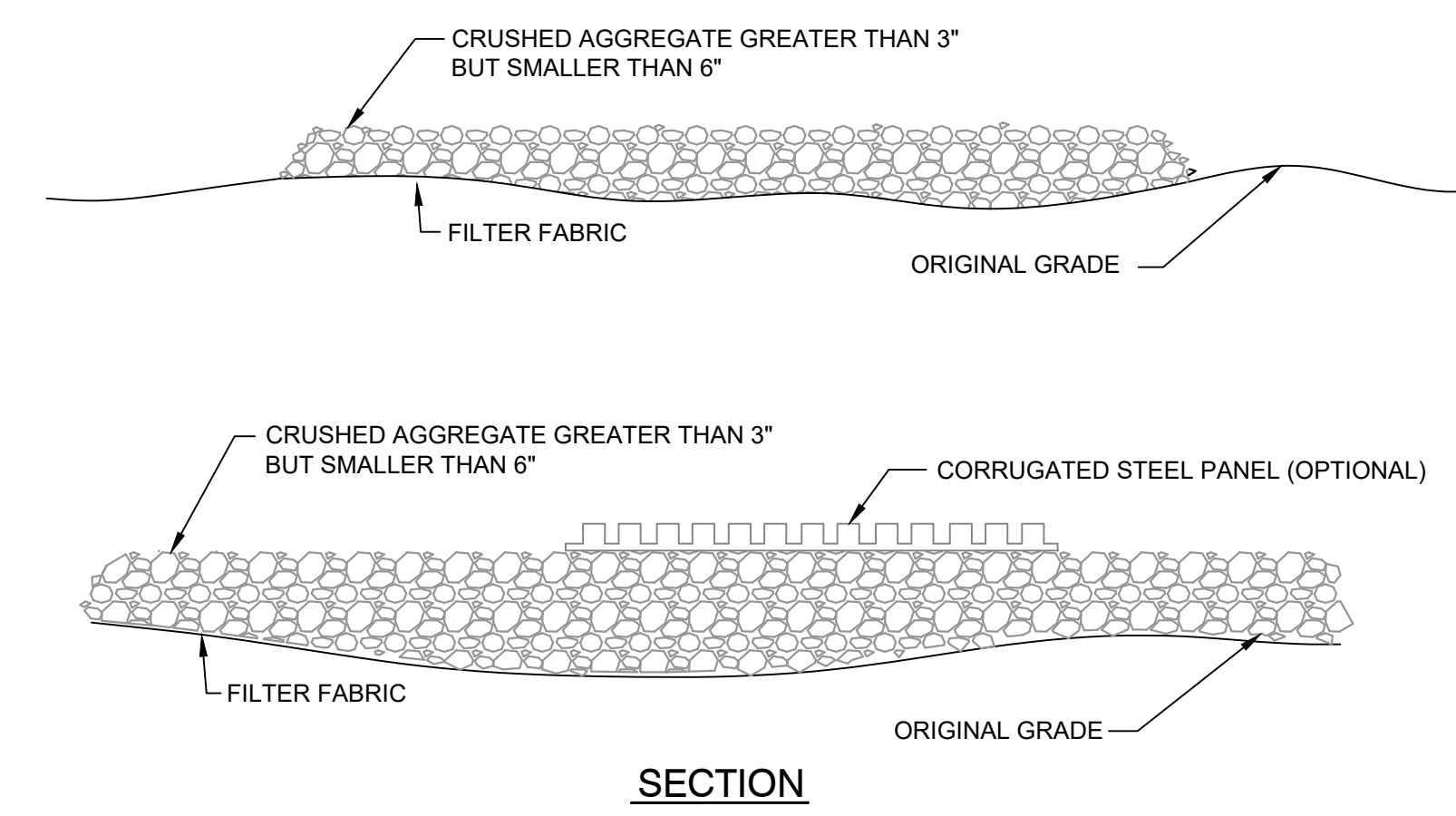
LONGITUDINAL SECTION

3 STORM SEWER OUTLET ENERGY DISSIPATING BASIN
N.T.S.

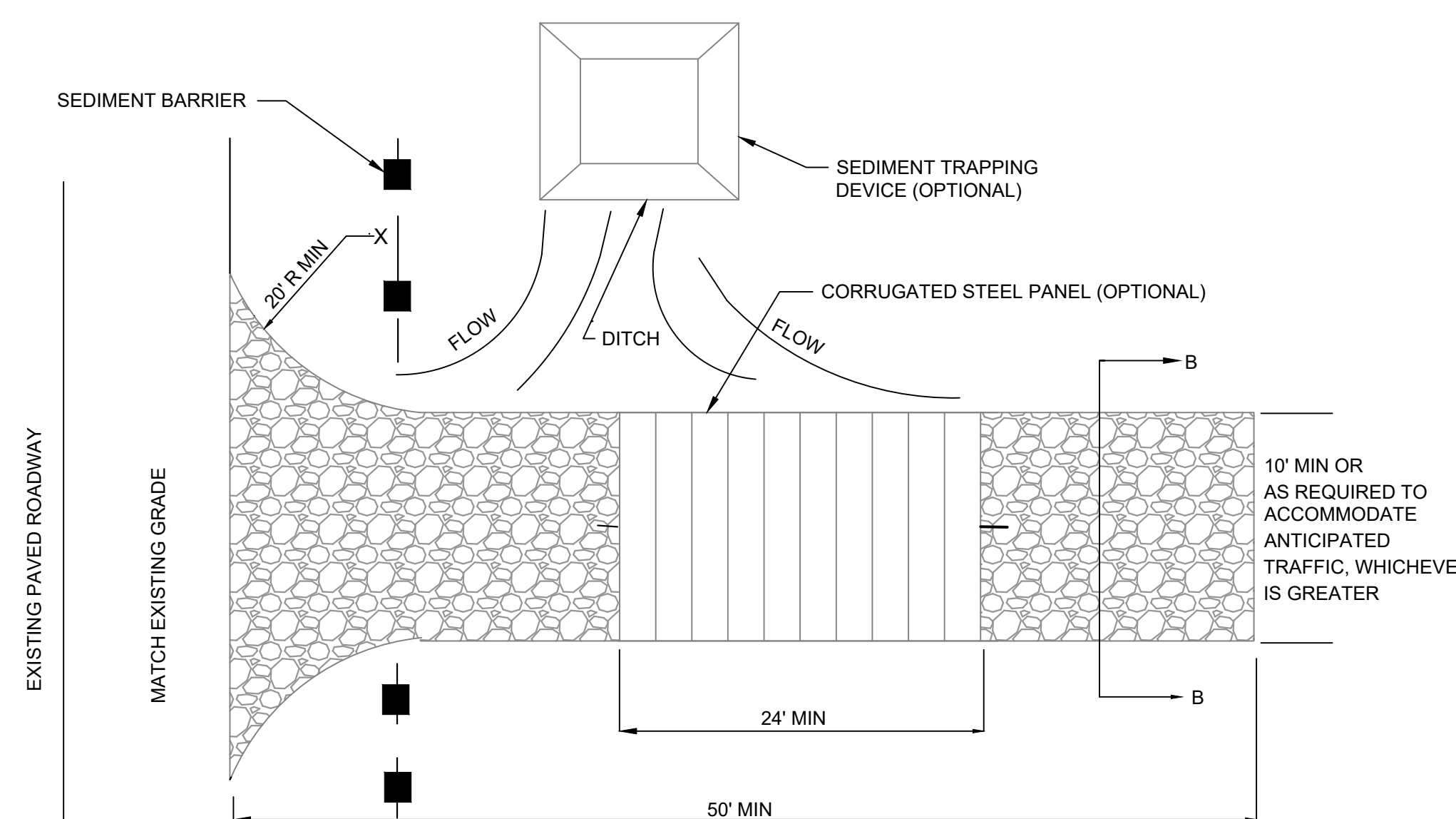


1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP'S), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. SEEDING WILL BE COMPLETED BY THE CONTRACTOR. COORDINATE PROPER TIMING FOR THE SEEDING AND EROSION BLANKET INSTALLATION.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF RECP'S EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP'S WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE RECP'S.
3. ROLL THE RECP'S (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. RECP'S WILL UNROLL WITH APPROXIMATE SIDE AGAINST THE SOIL SURFACE. ALL RECP'S MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROXIMATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL RECP'S MUST BE STAPLED WITH APPROXIMATELY 2" - 54" OVERLAP DEPENDING ON RECP'S TYPE.
5. CONSECUTIVE RECP'S SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE RECP'S WIDTH.
NOTE:
IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE RECP'S.
6. EROSION CONTROL BLANKET SHALL BE USED ON ALL SLOPES 4:1 AND STEEPER.

2 EROSION CONTROL BLANKET INSTALLATION DETAILS
N.T.S.



SECTION



PLAN

4 CONSTRUCTION ENTRANCE/EXIT
N.T.S.

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REVISION HISTORY

NO.	DESCRIPTION	DATE	APP'D

ISSUED FOR DD REVIEW 09/26/2025

DD REVIEW

PRELIMINARY NOT FOR CONSTRUCTION

NEW ALL PURPOSE FIELD AND PARKING LOT
HALLSVILLE R-IV SCHOOL DISTRICT
411 E. HIGHWAY 124
HALLSVILLE, MO 65255

Non-Reduced Sheet Size: 30" x 42"

All sheet plans have been prepared using standard scales. Reduced size plans may not conform to standard scales.

DESIGNED	DRAWN
DCD	DCD
FIELD	FIELD BOOK
MAN/UTGH	HICKS
CHECKED	CHECK DATE

SHEET TITLE

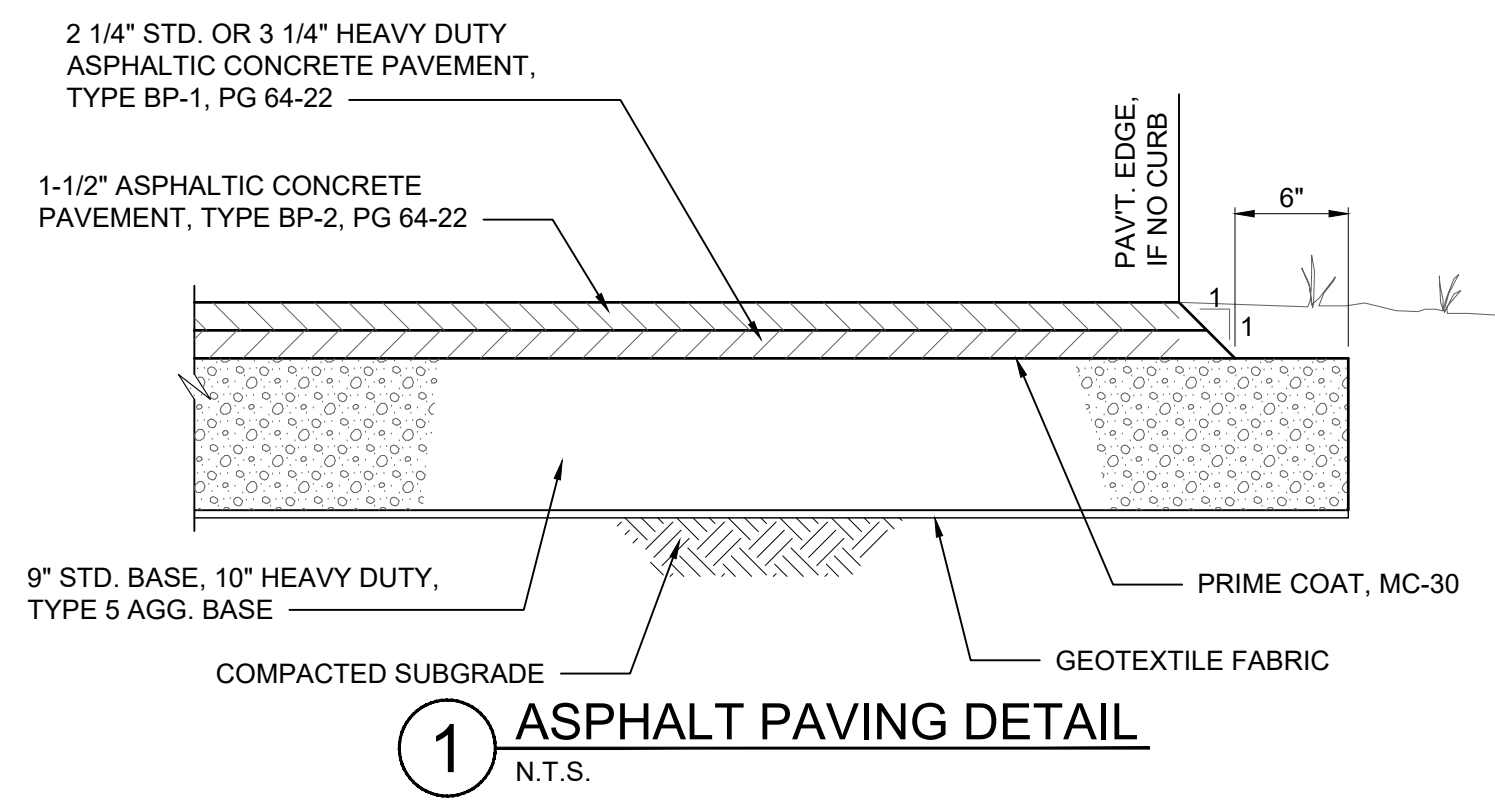
SWPPP DETAILS

PROJECT NO. 24-5017

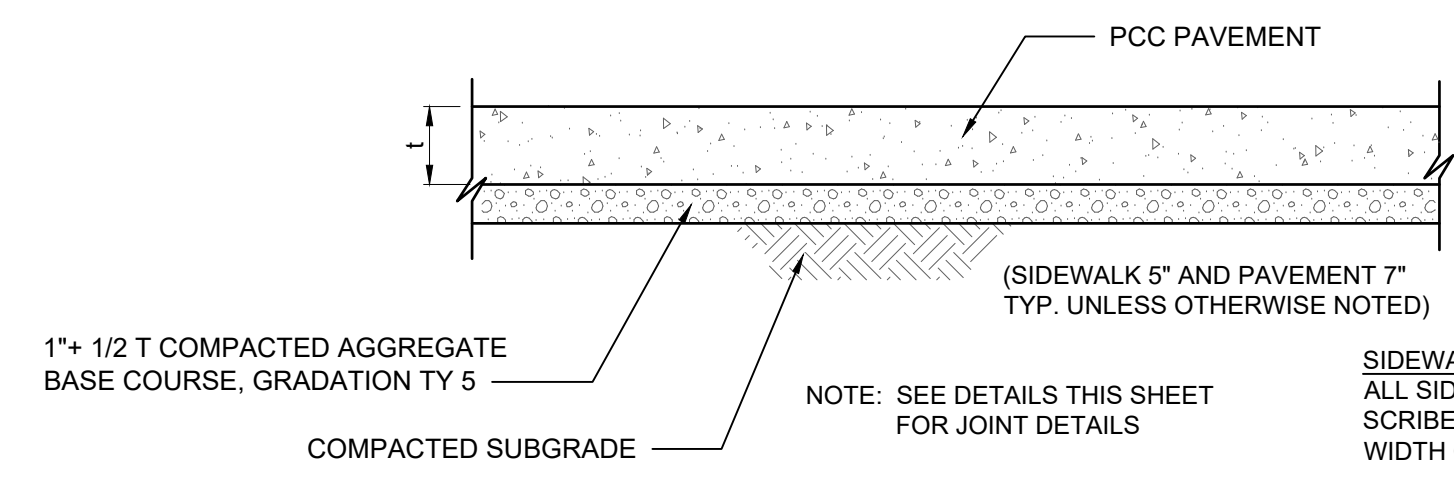
DRAWING ISSUED DATE: 09/24/2025

SHEET

C402

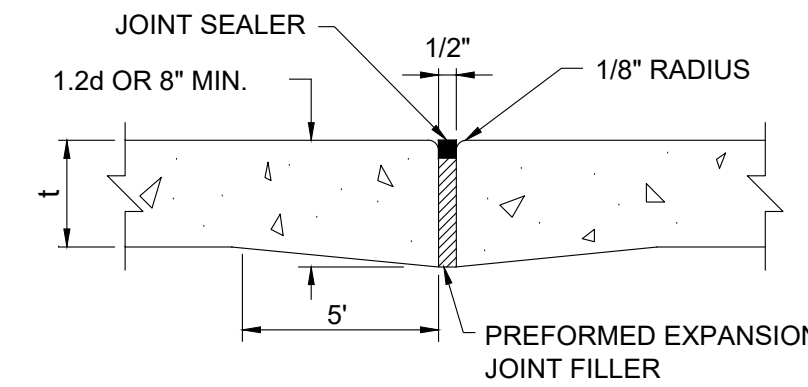


1 ASPHALT PAVING DETAIL
N.T.S.

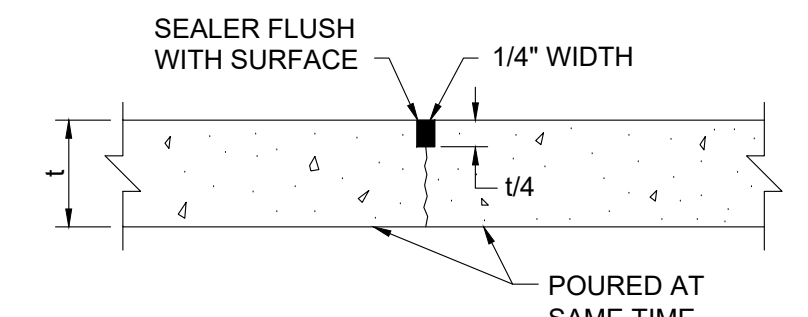


2 PCC PAVING DETAIL
N.T.S.

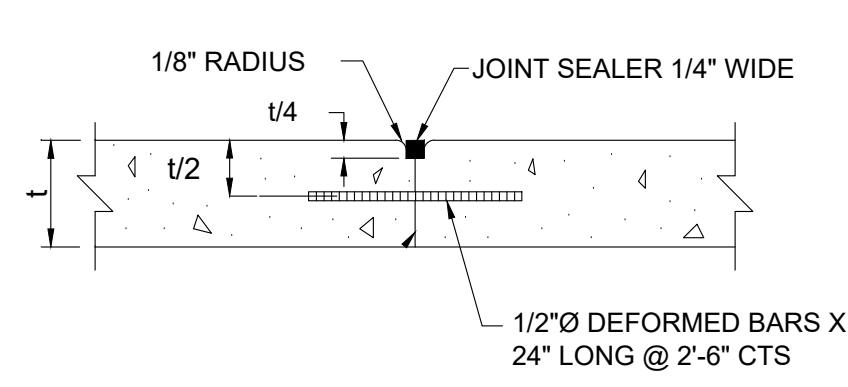
SIDEWALK NOTES:
ALL SIDEWALK JOINTS SHALL BE SCRIBED OR EDGED, MAX. SPACING = WIDTH OF SIDEWALK
1/2" EXP. JTS. W/ POLYURETHANE SEALER AT MAX. 50' INTERVALS
MAXIMUM 2.0% CROSS SLOPE
MAXIMUM LONGITUDINAL SLOPE SHALL NOT EXCEED 5%



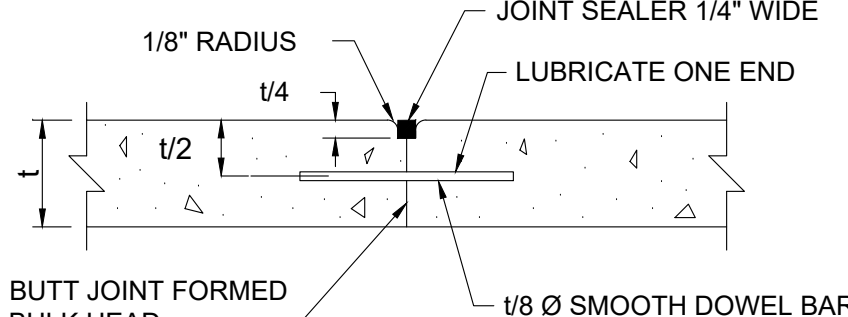
TYPE A
EXPANSION JOINT



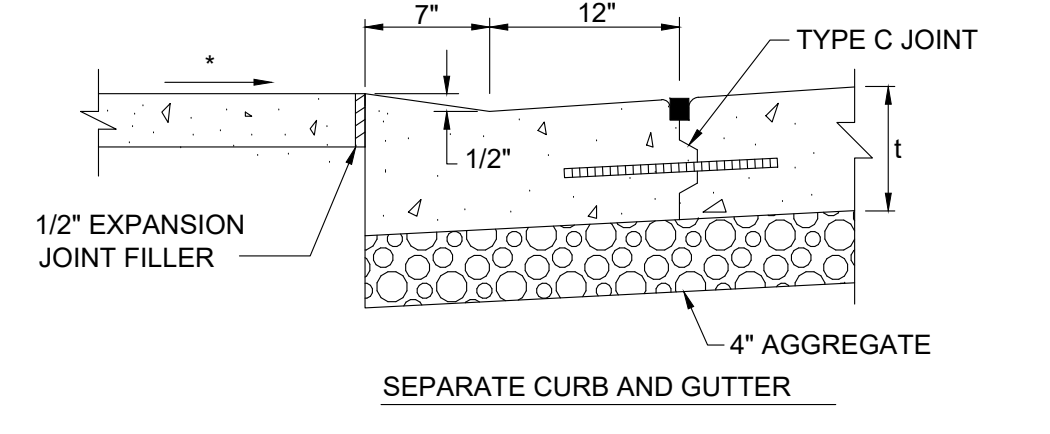
TYPE D
SAWED LONGITUDINAL OR TRANSVERSE



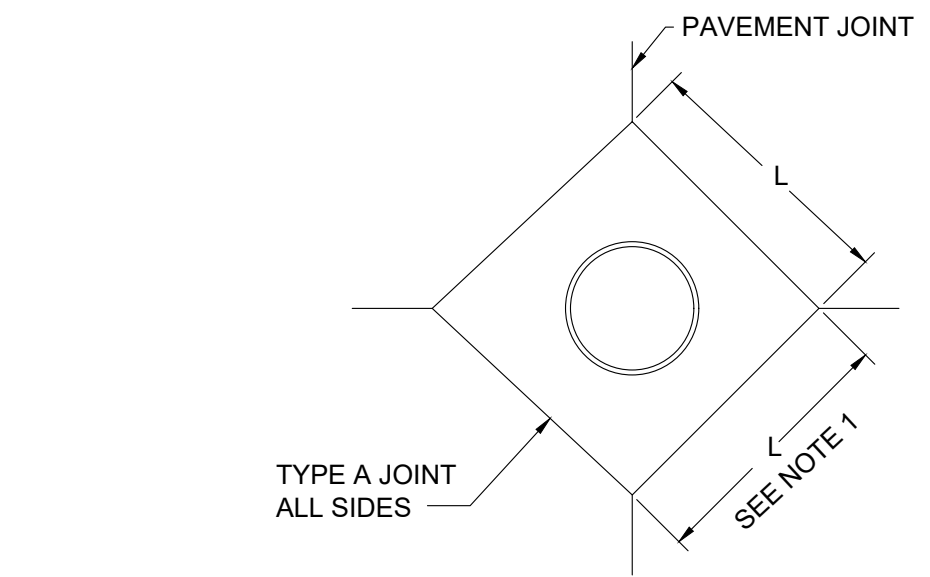
TYPE C
TIED LONGITUDINAL OR TRANSVERSE CONSTRUCTION JOINT



TYPE E
ALTERNATE TRANSVERSE CONSTRUCTION JOINT AT NORMAL SPACING



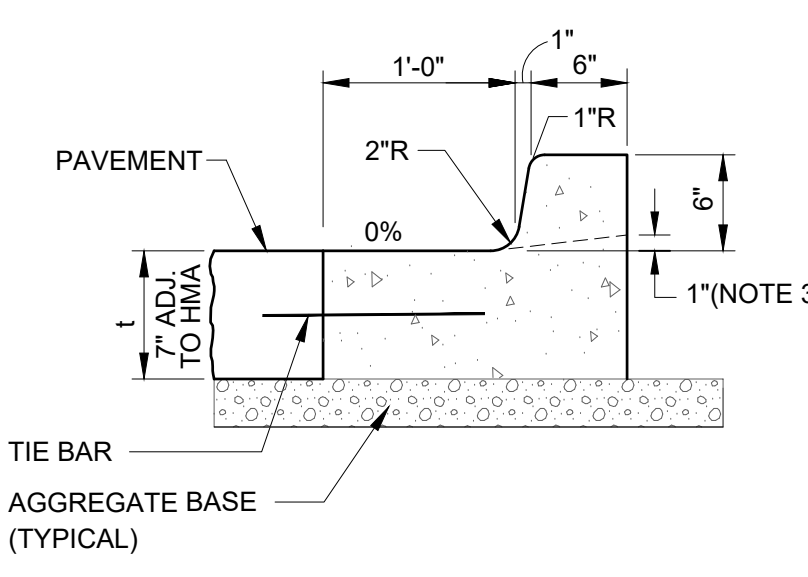
DETAIL A
CURB AND GUTTER AT PEDESTRIAN RAMPS AND DRIVEWAYS



TYPICAL UTILITY BOXOUT
JOINTS ALL CORNERS

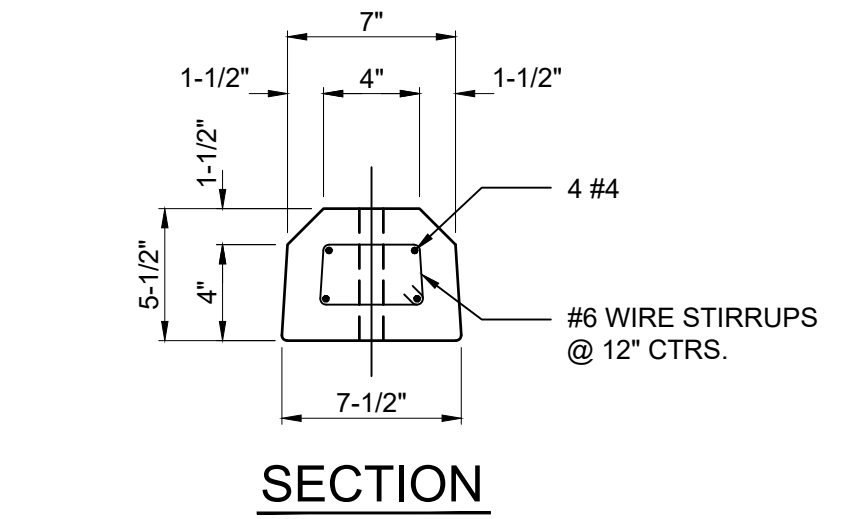
NOTES

1. AT INLETS, MANHOLES, OR OTHER STRUCTURES TRANSVERSE JOINTS SHALL BE SHORTENED ONE OR MORE PANELS EITHER SIDE OF THE STRUCTURE TO PERMIT JOINTS TO FALL AT THE CORNERS OF THE BOXOUT. ONE OR BOTH "L" DIMENSIONS OF THE BOX OUT MAY BE ADJUSTED TO PROVIDE FOR INTERSECTION OF LONGITUDINAL JOINTS AT BOX OUT CORNERS.
2. ALL TRANSVERSE JOINTS MUST EXTEND THROUGH CURBS AND MUST BE CONTINUOUS ACROSS PAVEMENT, EXCEPT TIED TRANSVERSE CONSTRUCTION JOINTS. EXPANSION JOINTS WILL BE REQUIRED AS SHOWN ON PLANS.
3. MAXIMUM TRANSVERSE JOINT SPACING SHALL BE 15 FEET, UNLESS OTHERWISE SPECIFIED.
4. PAVEMENT JOINTS SHALL BE SEALED WITH HOT POUR MATERIAL MEETING THE REQUIREMENTS OF ARTICLE 1050.02 (A.S.T.M. DESIGNATION: D6890, TYPE II).
5. DEFORMED BARS CONFORMING TO THE REQUIREMENTS OF A.A.S.H.T.O., M-31 OR M-53 GRADE 40 SHALL BE USED FOR THE TIE BARS.
6. TYPE B JOINTS WHICH ARE TO BE COATED SHALL RECEIVE TWO COATS OF ASPHALTIC EMULSION PRIOR TO PLACEMENT OF THE ADJACENT PAVEMENT.
7. TYPE 'D' JOINT MAY BE USED IN LIEU OF TYPE 'B' OR 'C' JOINTS WHEN WHEN SLABS ON BOTH SIDES OF JOINT ARE POURED INTERGRAL.
8. SUPPORT PINS FOR THE TIE BARS, WHEN REQUIRED, SHALL BE OF A SIZE AND STRENGTH SUFFICIENT TO FIRMLY HOLD THE BAR IN PLACE.
9. THE ALTERNATE CONSTRUCTION OF INTEGRAL OR SEPARATE COMBINATION CURB AND GUTTER IS AT THE CONTRACTORS OPTION.

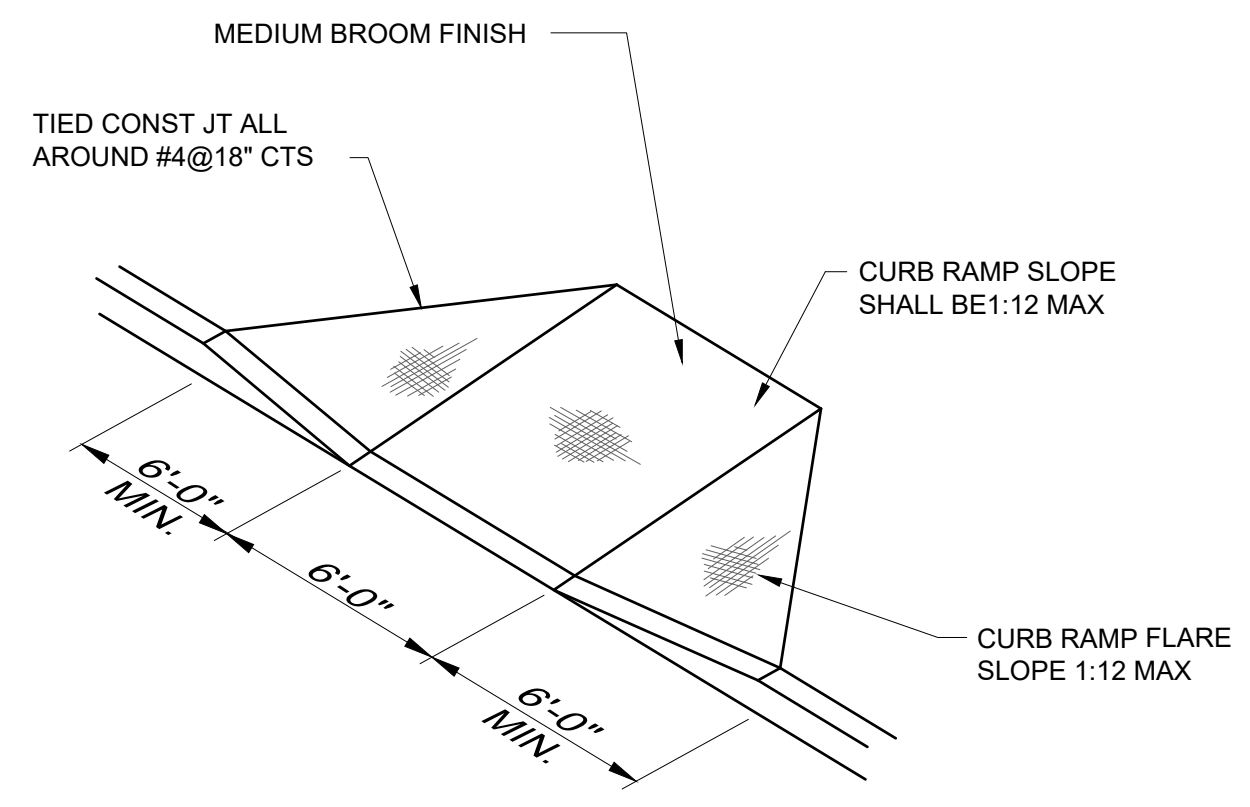


3 CONCRETE CURB & GUTTER
N.T.S.

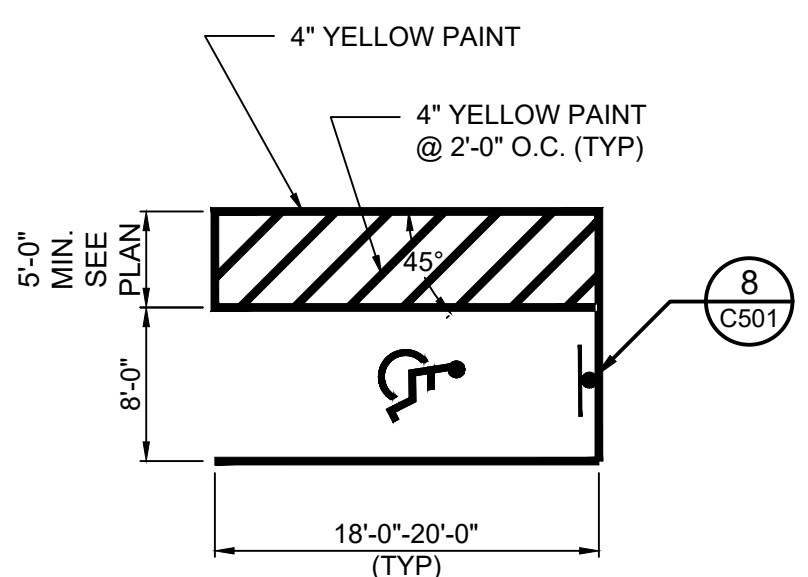
- CURB NOTES:**
1. JOINTS SHALL BE PROVIDED IN PROLONGATION WITH PAVEMENT JOINTS OR A MAXIMUM OF 15' CENTERS. TOOLED 1" EXPANSION JOINTS WITH 2-1" DOWELS ON BOTH SIDES OF DRAINAGE STRUCTURES AND AT START OF ALL RADII.
 2. POUR CURB INTEGRAL OR INSTALL 2-6" LONG #4 TIE BARS @ 2-6" O.C. SHALL BE INSTALLED WHEN PLACED ADJACENT TO PCC PAVEMENT.
 3. DEPRESS CURB AT DRIVEWAYS, ALLEYS, AND RAMPS.
 4. CONTINUE AGGREGATE BASE (3" MIN. THICKNESS) 6" BEHIND CURB



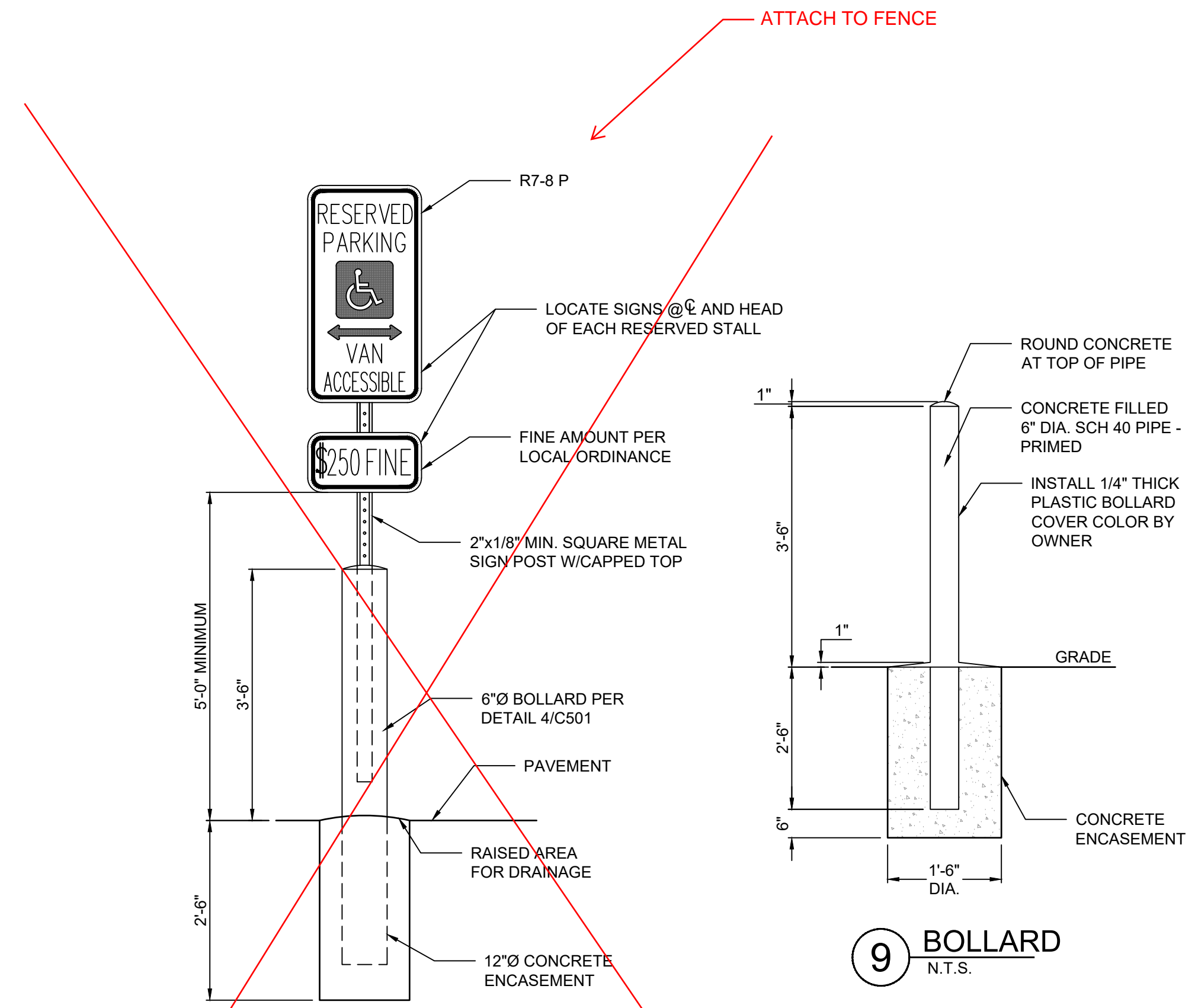
4 CONCRETE PARKING BLOCK
N.T.S.



5 CURB RAMP DETAILS
N.T.S.



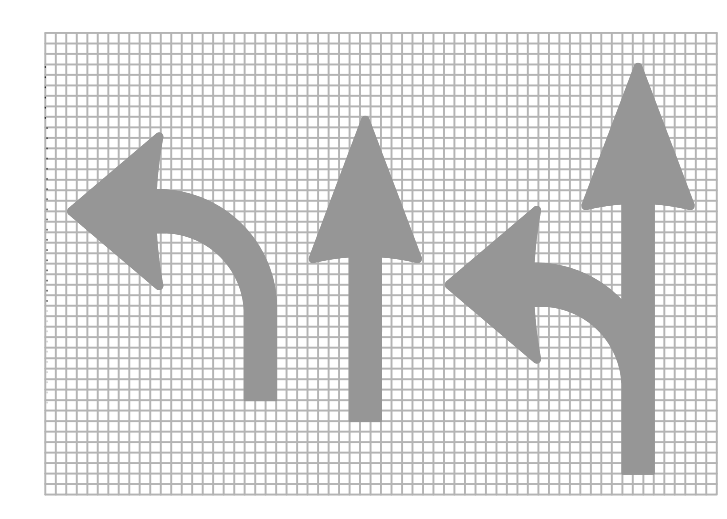
7 ACCESSIBLE STALL DETAILS
N.T.S.



9 BOLLARD
N.T.S.

NOTE:
SIGN DIMENSIONS AND COLORS IN ACCORDANCE WITH MUTCD STANDARD R7-8 P

8 ACCESSIBLE PARKING SIGN
N.T.S.

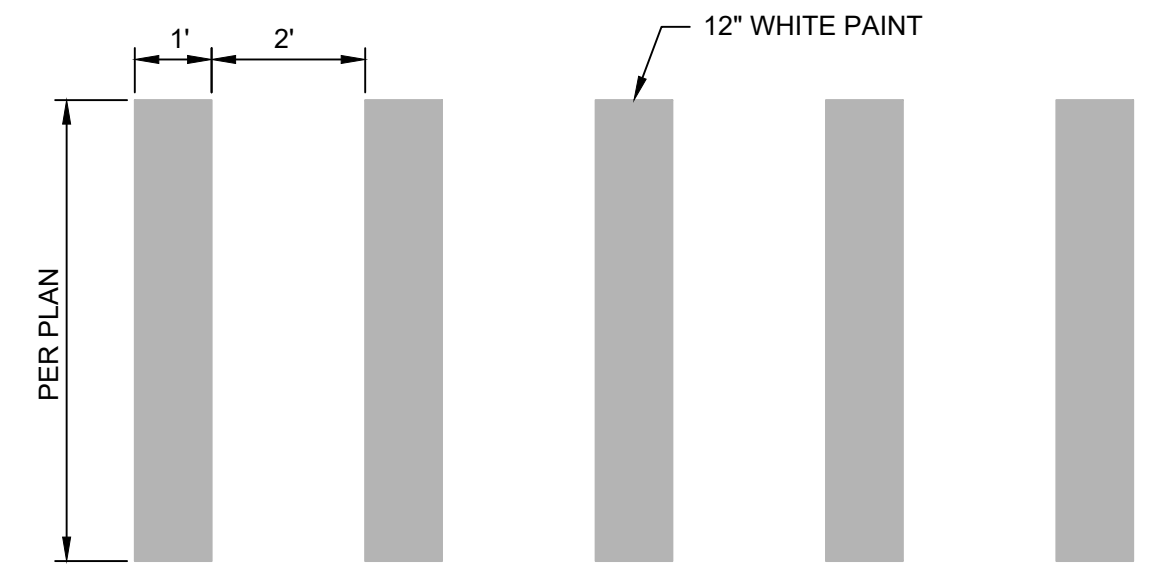


LEGEND HEIGHT	ARROW SIZE	a
6"	SMALL	2.9"
8"	LARGE	3.8"

THE SPACE BETWEEN ADJACENT LETTERS OR NUMERALS SHOULD BE APPROXIMATELY 3 INCHES FOR 6 FOOT LEGEND AND 4 INCHES FOR 8 FOOT LEGEND

- NOTES:**
1. ALL TRAFFIC FLOW ARROWS TO BE SOLID WHITE REFLECTIVE TRAFFIC PAINT. LARGE SIZE.
 2. STOP BARS ARE TO BE WHITE 24" WIDE.
 3. CENTER, LANE, AND SKIPDASH LINES 5" WIDE.

10 TRAFFIC FLOW ARROW DETAILS
N.T.S.



11 CROSSWALK DETAILS
N.T.S.

REVISION HISTORY

NO.	DESCRIPTION	DATE	APP'D.

ISSUED FOR DD REVIEW

PRELIMINARY NOT FOR CONSTRUCTION

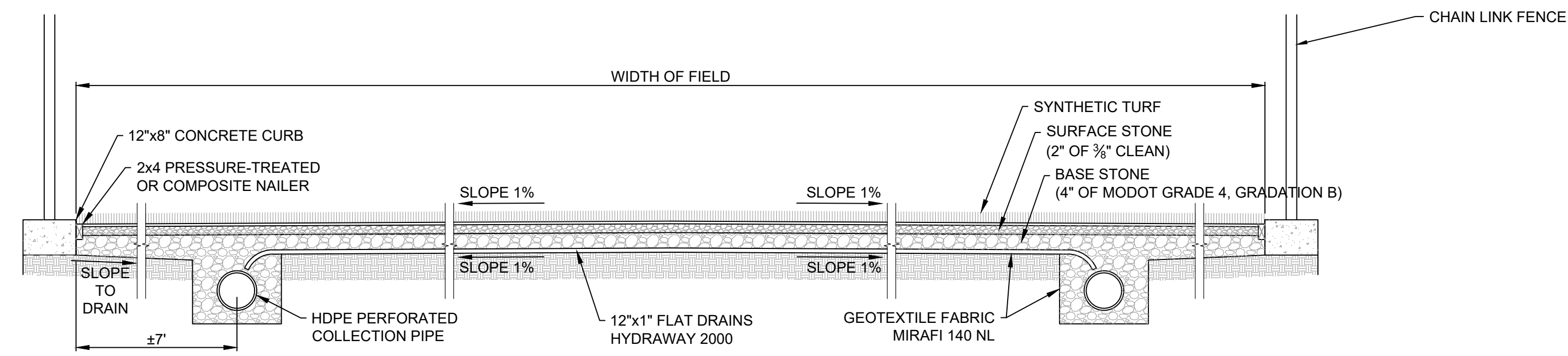
NEW ALL PURPOSE FIELD AND PARKING LOT
HALLSVILLE R-IV SCHOOL DISTRICT
411 E. HIGHWAY 124
HALLSVILLE, MO 65255

Non-Reduced Sheet Size: 30" x 42"
Full sized plans have been prepared using standard scales. Reduced size plans may not conform to standard scales.

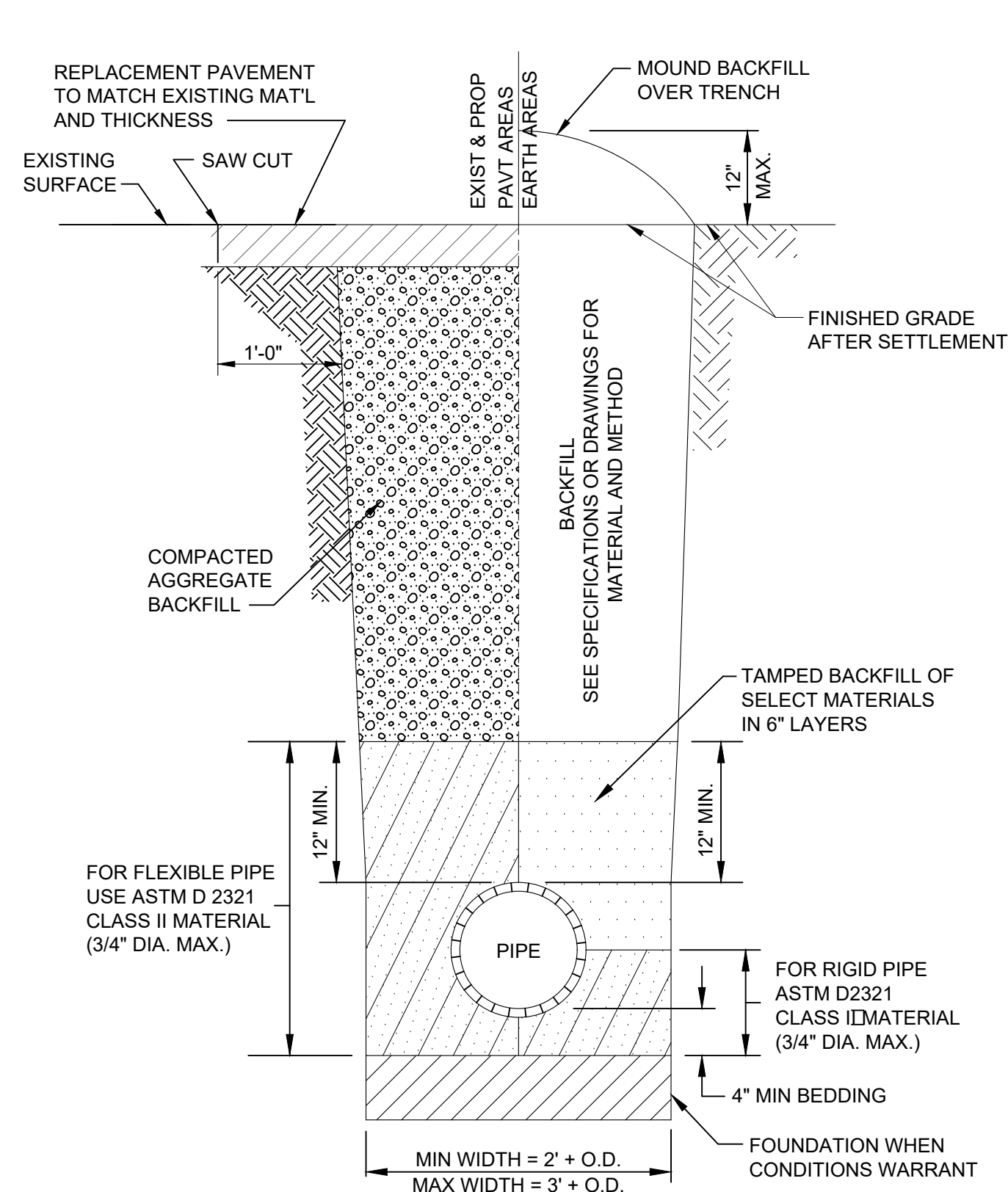
DESIGNED	DCD	DRAWN	DCD
FIELD	MAN/UTGH	FIELD BOOK	HCK/SJS
CHECKED		CHECK DATE	

SHEET TITLE: **SITE DETAILS**

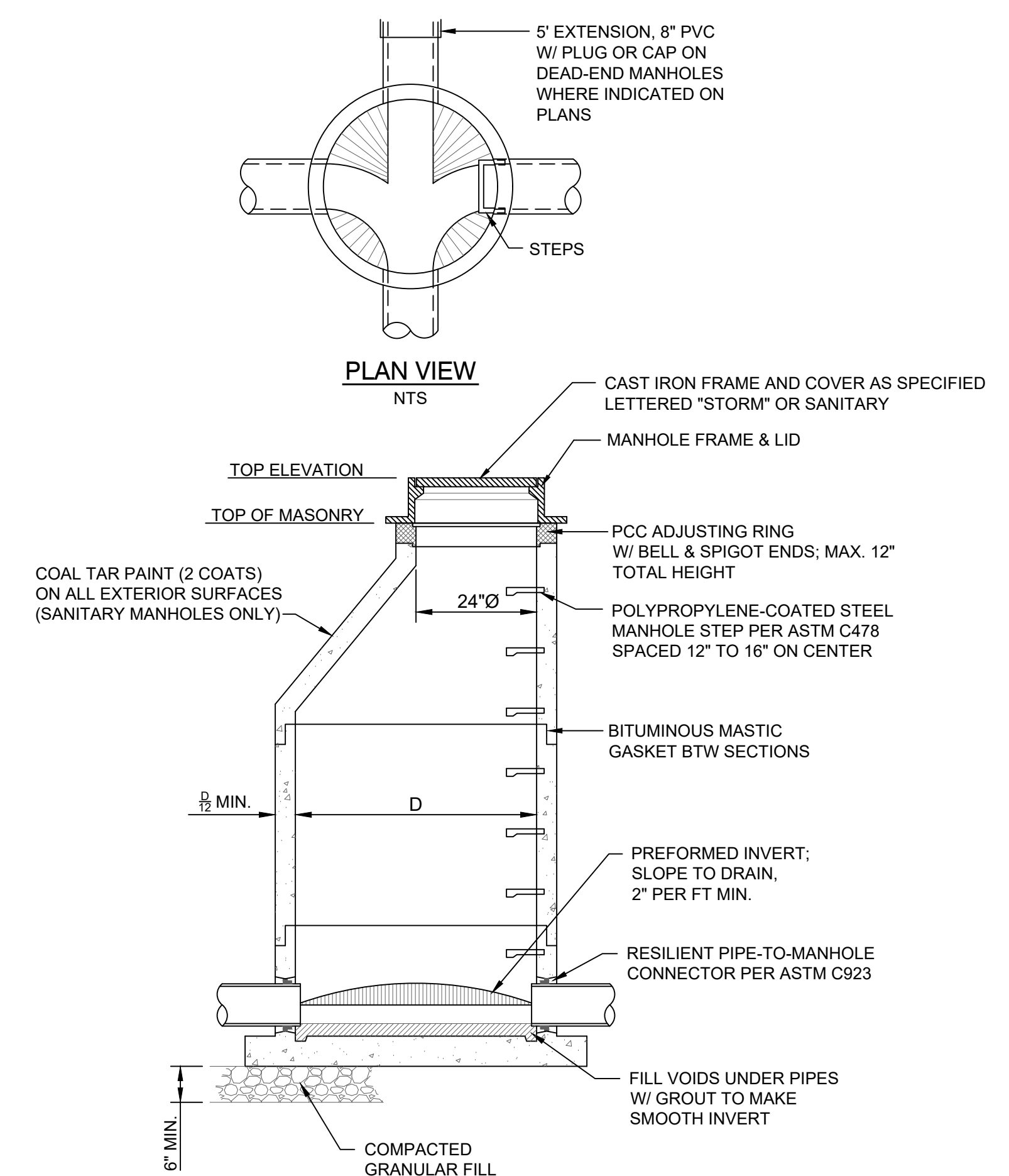
PROJECT NO: 24-5017
DRAWING ISSUED DATE: 09/24/2025
SHEET: **C501**



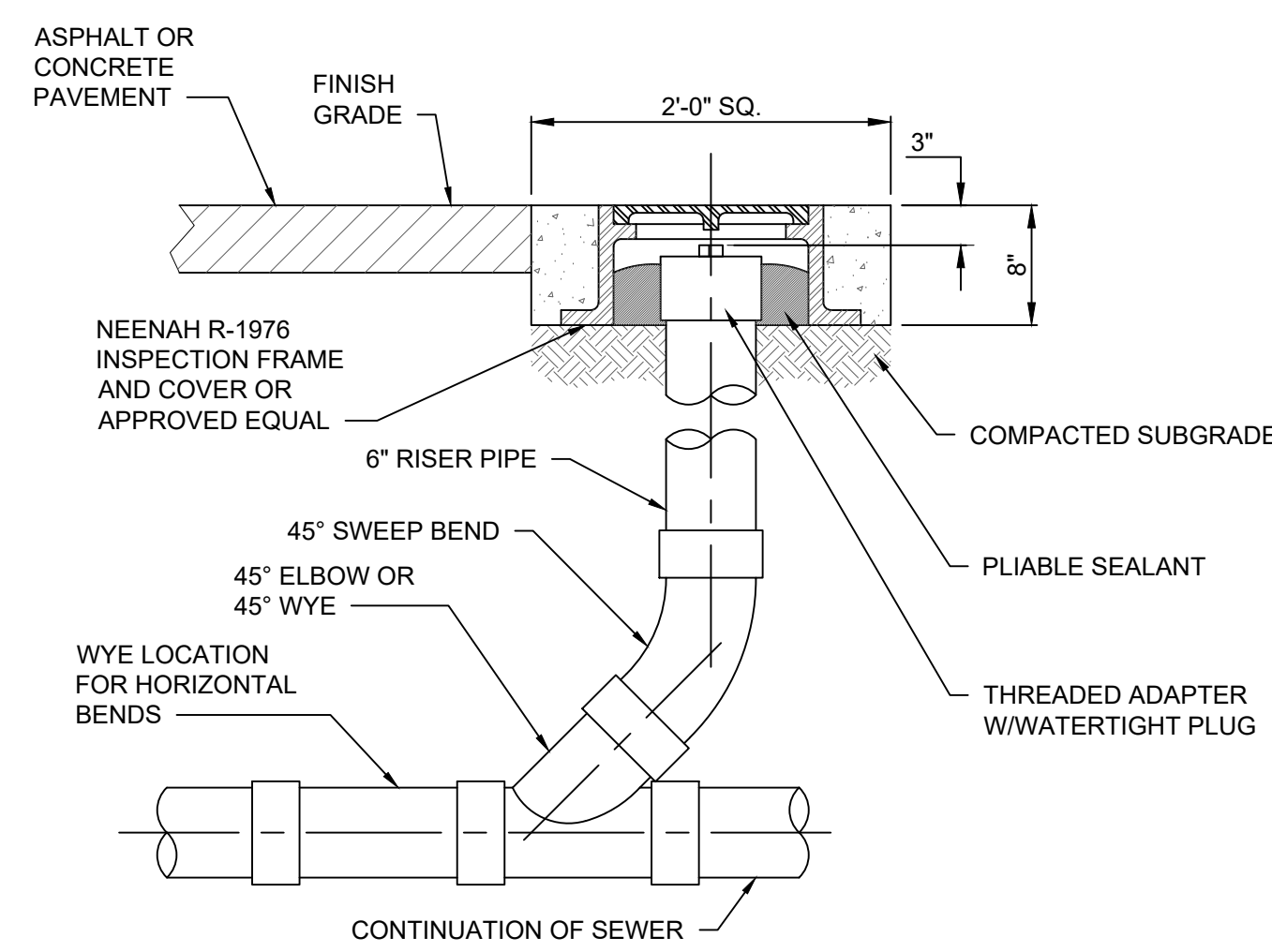
1 TYPICAL MULTI-PURPOSE FIELD SECTION
N.T.S.



2 SEWER TRENCH DETAIL
N.T.S.



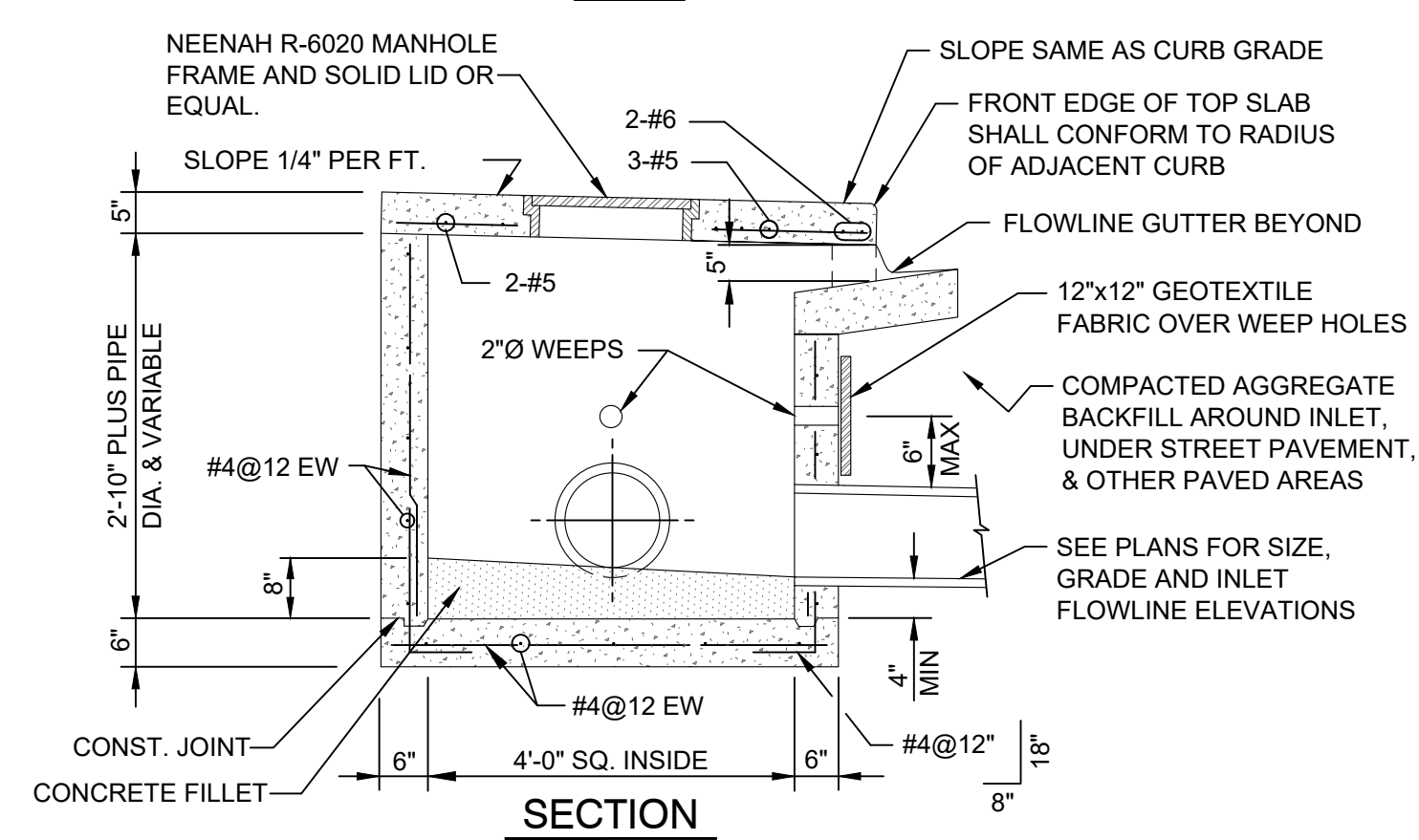
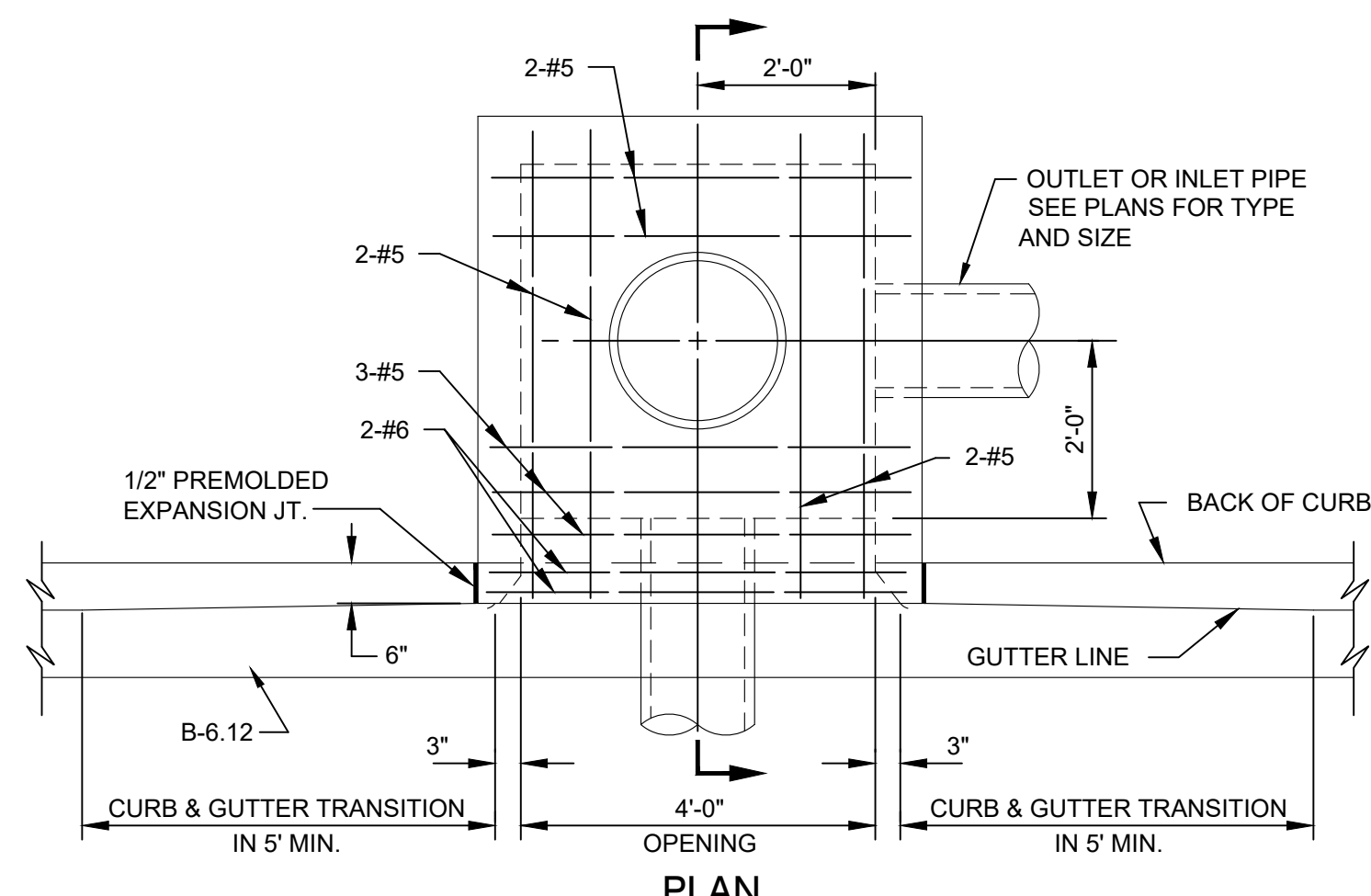
3 STANDARD MANHOLE DETAIL
N.T.S.



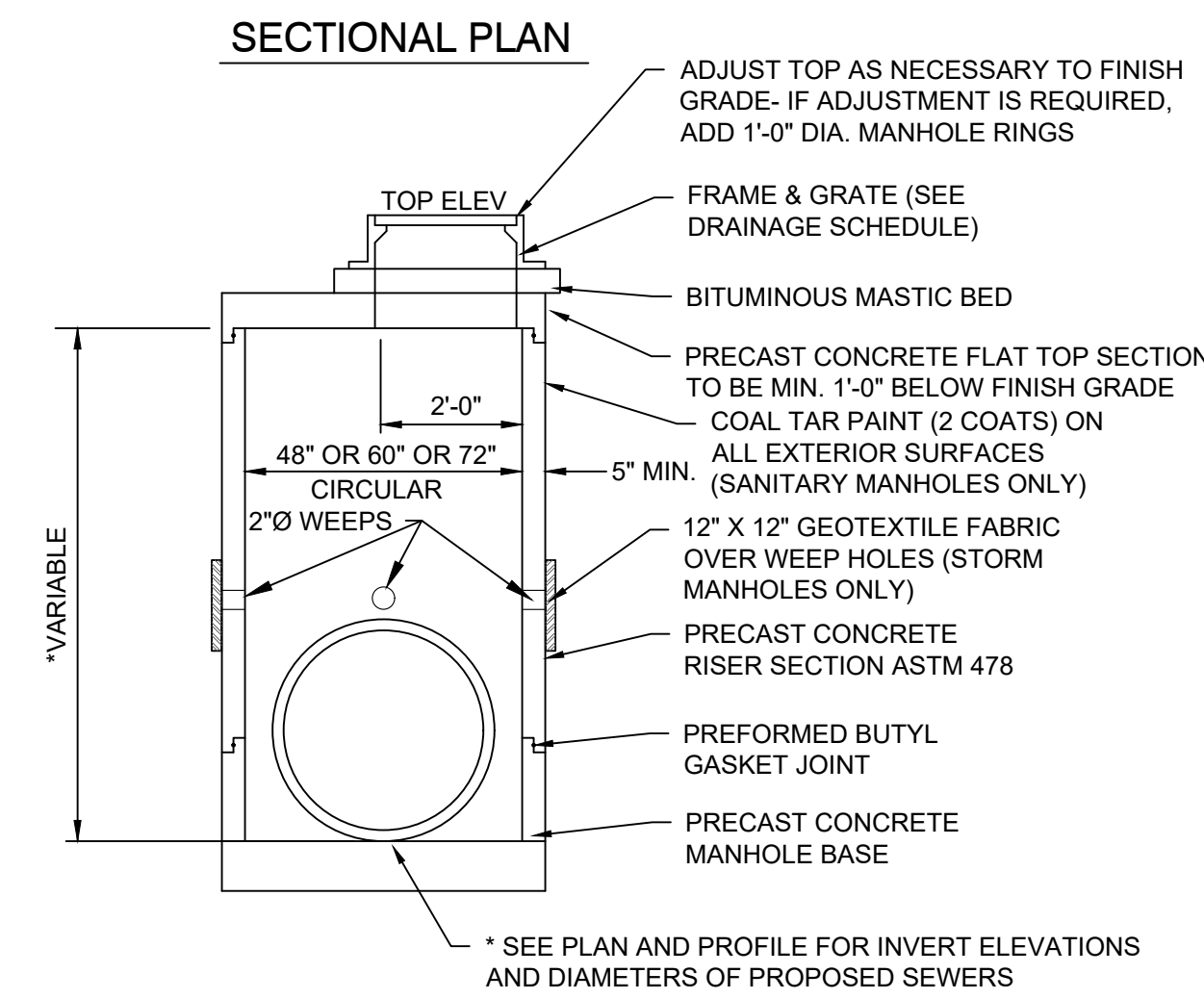
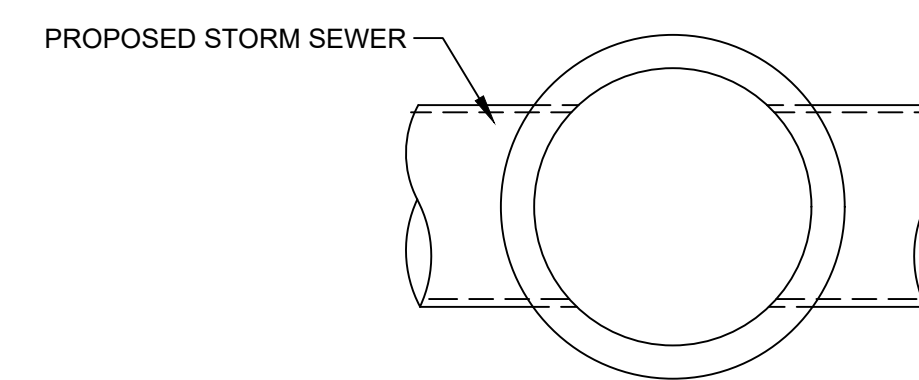
VEHICLE TRAFFIC AREAS

NOTE: THIS DETAIL MAY ALSO BE USED IN PEDESTRIAN TRAFFIC AREAS

4 CLEANOUT DETAILS
N.T.S.



5 INLET, SPECIAL, TYPE E-B-6.12 CURB
N.T.S.



6 FLAT TOP STORM INLET/MANHOLE
N.T.S.

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REVISION HISTORY			
NO.	DESCRIPTION	DATE	AUTH.

ISSUED FOR DD REVIEW 09/26/2025

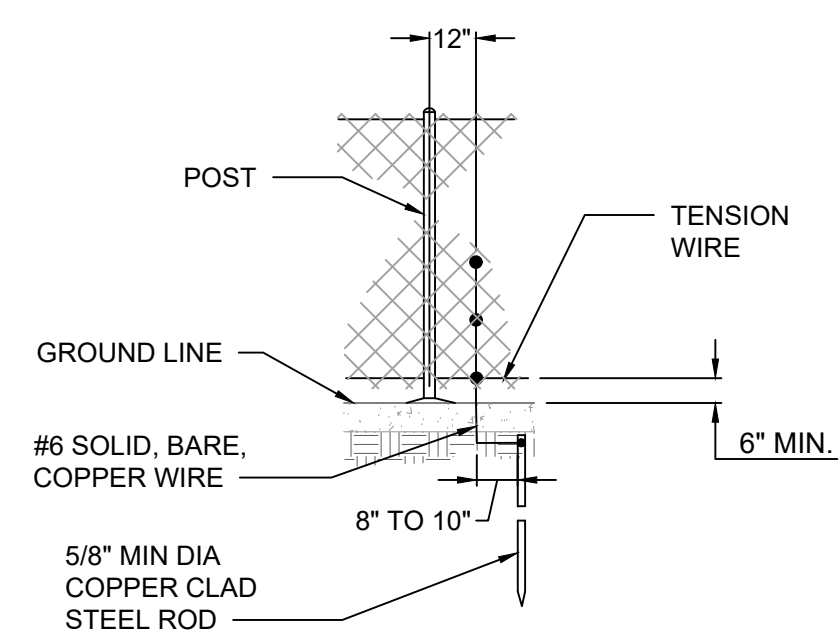
**PRELIMINARY
NOT FOR
CONSTRUCTION**

**NEW ALL PURPOSE FIELD AND PARKING LOT
HALLSVILLE R-IV SCHOOL DISTRICT
411 E. HIGHWAY 124
HALLSVILLE, MO 65255**

Non-Reduced Sheet Size: 30" x 42"
Full sized plans have been prepared using standard scales. Reduced size plans may not conform to standard scales.

DESIGNED: DCD	DRAWN: DCD
FIELD: MAN/TFGH	FIELD BOOK: HICKS
CHECKED: .	CHECK DATE: .

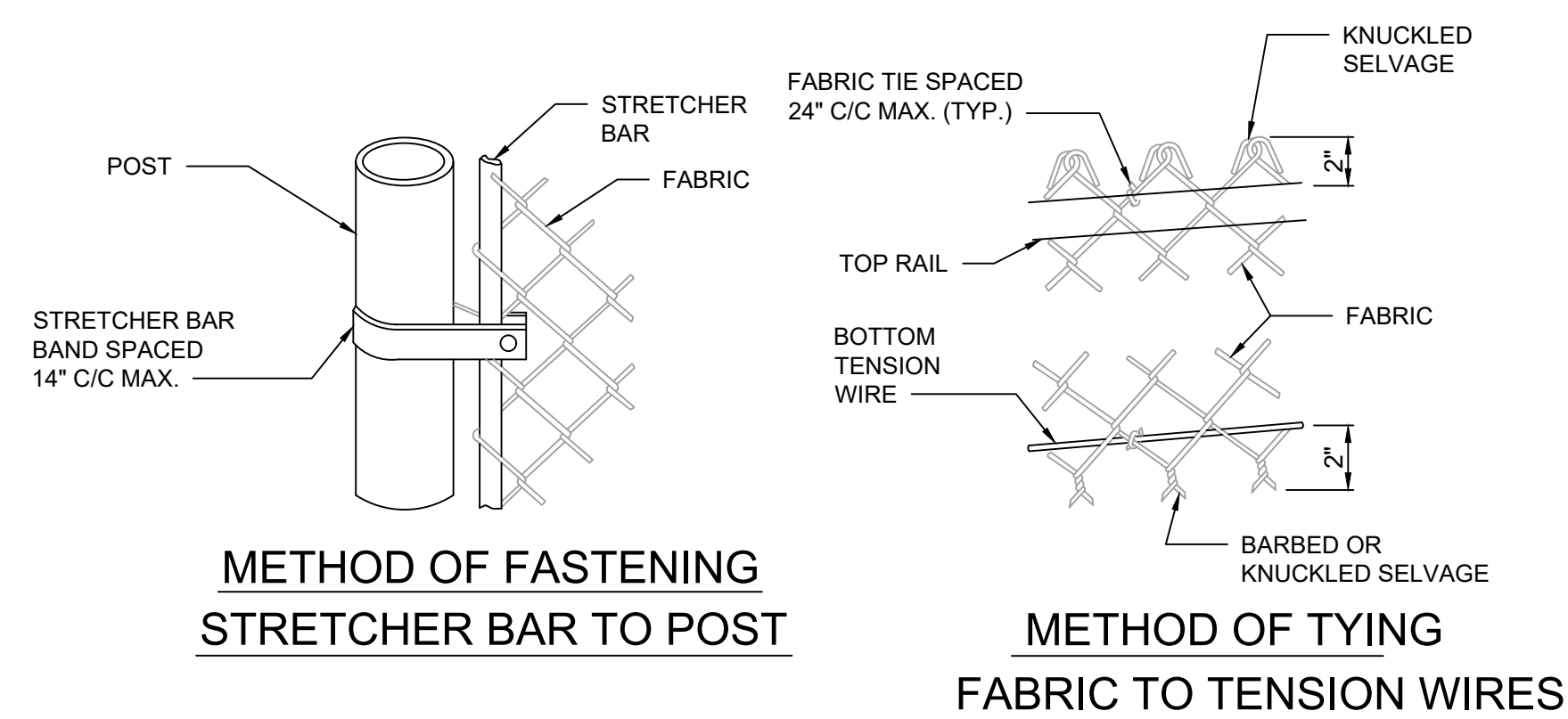
SHEET TITLE	
SITE DETAILS	
PROJECT NO:	24-5017
DRAWING ISSUED DATE:	09/24/2025
SHEET	
C502	



**STANDARD GROUND
PROTECTIVE ELECTRICAL GROUNDS**

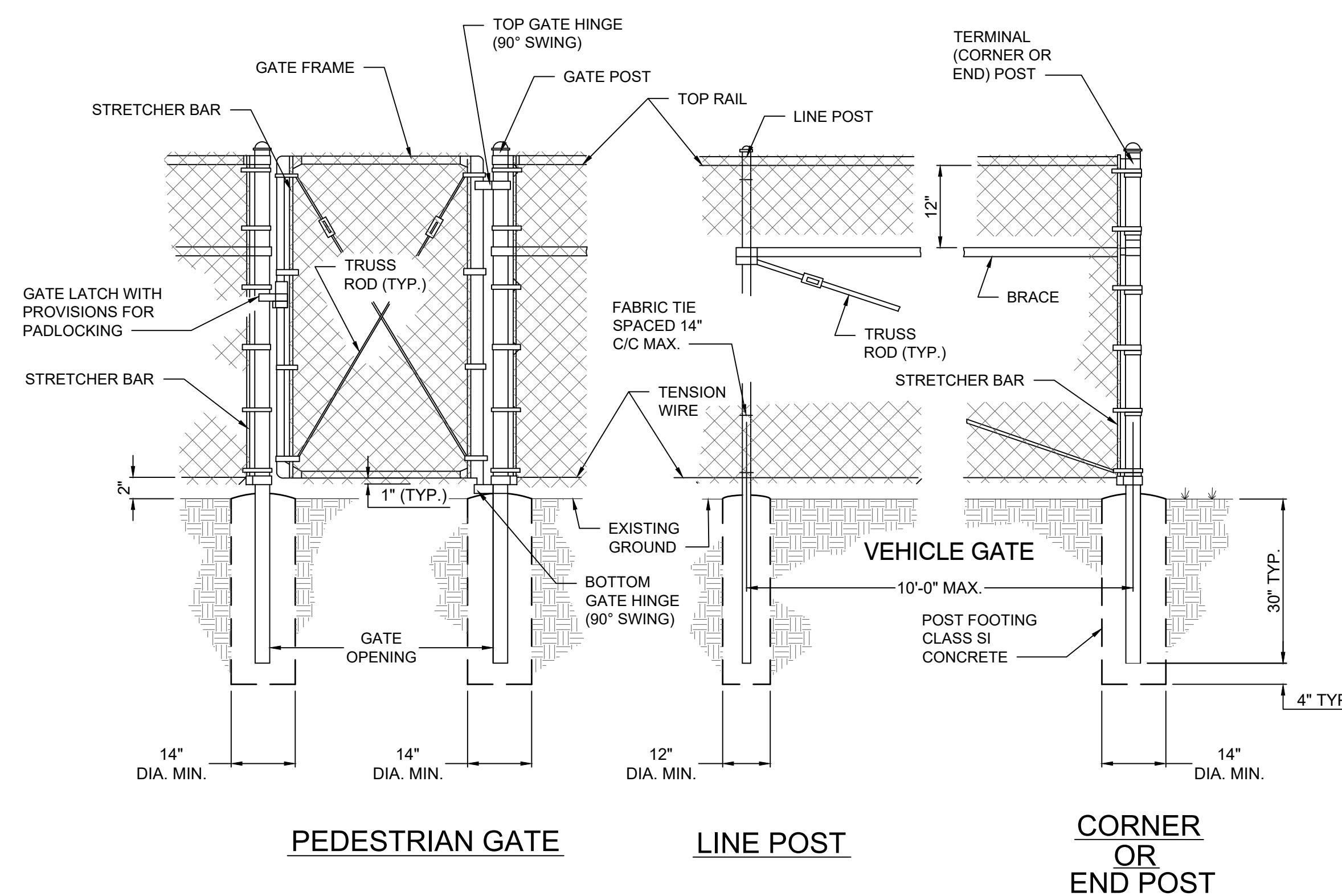
CONTINUOUS FENCE SHALL BE GROUNDED AT INTERVALS NOT EXCEEDING 500 FEET. THERE SHALL BE A GROUND WITHIN 100 FEET OF GATES IN EACH SECTION OF THE FENCE ADJACENT TO THE GATE.

THE GROUND WIRE SHALL BE CONNECTED TO THE FABRIC AND THE GROUND ROD BY A MECHANICAL CLAMP OF CAST BRONZE OR STAINLESS STEEL BOLTS AND WASHERS.

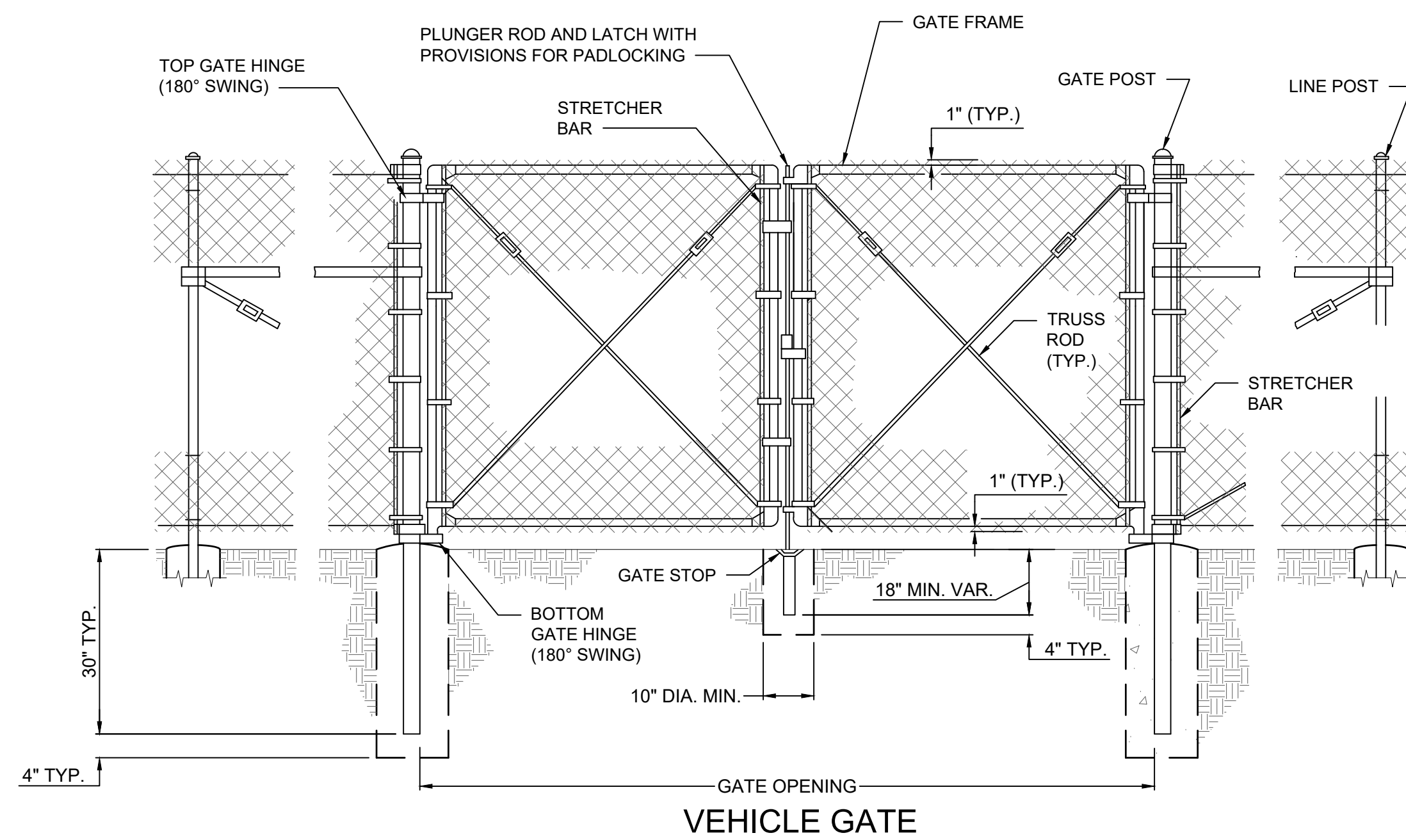


**METHOD OF FASTENING
STRETCHER BAR TO POST**

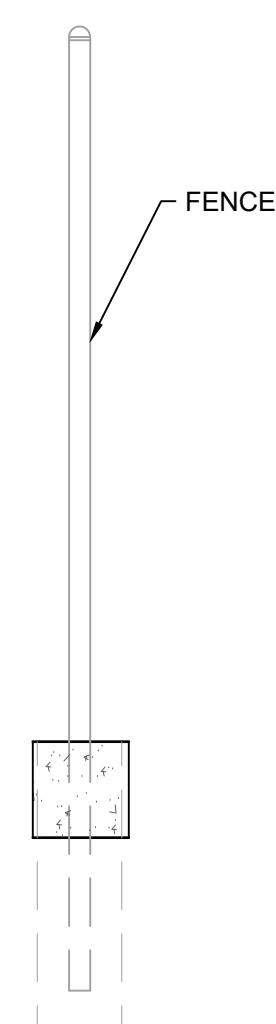
**METHOD OF TYING
FABRIC TO TENSION WIRES**



PEDESTRIAN GATE LINE POST CORNER OR END POST



**2 6' HIGH CHAIN LINK FENCE DETAIL
N.T.S.**



**1 FENCE/BORDER DETAIL
N.T.S.**

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NO.	DESCRIPTION	DATE	APP'D.

ISSUED FOR: 09/26/2025
DD REVIEW

**PRELIMINARY
NOT FOR
CONSTRUCTION**

**NEW ALL PURPOSE FIELD AND PARKING LOT
HALLSVILLE R-IV SCHOOL DISTRICT
411 E. HIGHWAY 124
HALLSVILLE, MO 65255**

Non-Reduced Sheet Size: 30" x 42"
Full sized plans have been prepared using standard scales.
Reduced size plans may not conform to standard scales.

DESIGNED	DRAWN
DCD	DCD
FIELD	FIELD BOOK
MAN/UTGH	HECKS
CHECKED	CHECK DATE

SHEET TITLE

FENCE DETAILS

PROJECT NO:
24-5017

DRAWING ISSUED DATE:
09/24/2025

SHEET
C503

DESIGN CRITERIA

- 1. BUILDING CODES:
A. IBC 2015
B. ASCE 7-10
2. DESIGN LOADS:
a. Occupancy Category II
b. Roof Live Load = 20 psf
c. Roof Dead Load = 15 psf
d. Roof Snow Load:
a. Ground Snow Load, P_g = 20 psf
b. Slope Roof Snow Load, P_s = 16.8 psf
c. Minimum Snow Load, P_m = 20 psf
d. Snow Load Importance, I_s = 1.0
e. Snow Exposure Factor, C_e = 1.0
f. Roof Thermal Factor, C_t = 1.2
E. Wind Loading
a. Basic Wind Speed, V_b = 115 mph
b. Risk Category = II
c. Exposure Category = C
d. Internal pressure Coefficient, GC_p = +0.18
e. Components and Cladding Design per ASCE 7
f. Net Uplift for Roof Design (0.6D+0.6W)
g. Seismic Loading
h. Design Coefficients and Factors for Seismic Force-Resisting Systems
i. Component Design per ASCE 7
j. Seismic Base Shear = W x C_s
3. DEFLECTION LIMITS:
a. Roof Framing:
b. Wall Framing:

FOUNDATION

- 1. Foundation design is based on:
A. 2000 psf net allowable soil bearing pressure for isolated column footings.
B. 2000 psf net allowable soil bearing pressure for continuous wall footings.
2. All fill material shall be free of organic contaminations and other deleterious matter.
3. All soil surrounding and under footings shall be protected from frost action and freezing during the course of construction.
4. Notify structural engineer of any unusual soil conditions that are in variance with the geotechnical report.
5. Footing excavations should be made to the required lines and grades as rapidly as possible. Footing excavations be left open for a minimum of time to prevent disturbance to the foundation soils. Foot traffic should be prevented on the base of the footing excavations if disturbance is noted. Hand clearing, if required and setting of reinforcing steel should then be accomplished from the sides of the excavation.

ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Includes terms like AND, ANCHOR BOLT, BUILDING, BEAM, etc.

GENERAL

- 1. The structure is designed to be self-supporting and stable after the building is fully completed. It is solely the contractor's responsibility to determine erection procedure and sequence to insure the safety of the construction personnel, public, buildings and its components parts, and adjacent buildings and properties.
2. It is the contractor's responsibility to enforce all applicable safety codes and regulations during all phases of construction.
3. The contractor shall perform all construction for the project in a manner and sequence that are based on accepted industry standards that recognize the interaction of the components that comprise the structure, without causing distress, unanticipated movements or irregular load paths as a result of the construction means and methods employed.
4. Construction loads shall not exceed design live loads. The contractor shall be responsible for all design required to support construction equipment used in constructing this project.
5. Principal openings through the framing are shown on these drawings. The general contractor shall examine the structural and mechanical drawings for the required openings and shall verify sizes and locations with the mechanical contractor.
6. All contractors are required to examine the drawings and specifications carefully, visit the site and fully inform themselves as to all existing conditions and limitations, prior to agreeing to perform the work.
7. Contractor shall verify all dimensions and conditions at the job site before commencing work and shall report any discrepancies to the engineer.
8. Omissions or conflicts between various elements of the drawings, notes, details and specifications shall be brought to the attention of the engineer and resolved before proceeding with the work.
9. Details labeled "Typical Details" on drawings apply to situations occurring on the project that are the same or similar to those specifically details.
10. Work these drawings with architectural, civil, mechanical, and electrical drawings.
11. Do not scale drawings.
12. Should any of the general notes conflict with any details or instructions on plans, the strictest provision shall govern.

MASONRY

- 1. All masonry shall conform to "Building Code Requirements for Masonry Structures" (ACI 530/ASCE 5/TMS 402) and "Specifications for Masonry Structures" (ACI 530.1/ASCE 6/TMS 602) for the year referenced in the building code noted.
2. All brick and concrete masonry and construction shall comply with the recommendations of Brick Industry of Association (BIA) and the National Concrete Masonry Association (NCMA) and minimum requirement established by noted building codes.
3. Shop Drawings: submit reinforcing steel elevations of each wall showing all of the reinforcing steel coordinated with each opening.
4. Grout to fill masonry unit cores shall be ASTM C476, coarse grout (3/8" maximum aggregate) with a minimum compressive strength of 2000 psi in 28 days.
5. Concrete masonry units shall be units conforming to ASTM C90, Grade N, Type I, Normal Weight (density of unit = 135 pcf), min. block compressive strength = 2000 psi, specified design strength of masonry, f_m=2000 ps.
6. Mortar:
A. ASTM C270 Type "S" mortar with a minimum compressive strength of 1800 psi shall be used for concrete masonry units.
B. ASTM C270 Type "N" mortar with a minimum compressive strength of 800 psi shall be used for brick masonry units.
7. Reinforcing bars shall conform to ASTM A615, Grade 60.
8. All concrete masonry units shall have galvanized horizontal joint reinforcement as follows:
9. All concrete masonry cores with reinforcing bars shall be filled solid with grout. Place reinforcing bars before grouting.
10. Vertical Concrete Masonry Reinforcement:
11. Vertical Concrete Masonry Reinforcement:
12. Properly secure reinforcing bars to maintain the position indicated on the drawings.
13. Reinforcing bars shall run continuously around corners and be lapped at necessary splices.
14. Walls at intersections shall be connected as follows:
15. Mortar protrusions extending into cells or cavities to be reinforced and filled, shall be removed.
16. Provide dowels in footings and floor slabs at each vertical reinforcing bar.
17. Lay concrete masonry units with full mortar coverage on horizontal and vertical face shell.
18. All CMU shall be temporarily braced during construction per the governing building code for lateral loads until permanent restraints have been installed.
19. All openings shall have a lintel at the head. All CMU bond beams shall have two continuous #4 bars bottom and be grouted solid for a height of 16", unless noted otherwise.
20. Core drill holes are not permitted in reinforced cells or lintels.
21. Masonry shall be coordinated with MEP.
22. Where vertical reinforcing steel is interrupted by a steel beam or joist, locate vertical reinforcing steel in an adjacent cell and lap reinforcing steel one splice length plus the distance of the offset.
23. Top of interior non-bearing CMU partition walls shall be laterally braced at 10'-0" on centers maximum.
24. Loose angle lintels where brick openings occur (See Architectural Drawings) shall be hot dip galvanized and of the following size:
25. Submit reinforcing steel shop drawings for reinforced masonry. Vertical reinforcing lengths shall be coordinated with lifts and heights of the CMU walls being placed.

CAST-IN-PLACE CONCRETE

- 1. All concrete construction shall conform to ACI 301, "Specification for Structural Concrete" and ACI 302, "Guide for Concrete Floor and Slab Construction", ACI 305 "Specification for Hot Weather Concrete" and ACI 308, "Standard Specification for Cold Weather Concrete", unless noted otherwise for the year referenced in the building code noted.
2. All detailing, fabrication and placing of reinforcing bars, unless otherwise noted, shall conform to ACI 318, "Building Code Requirements for Structural Concrete", ACI 117, "Specification for Tolerances for Concrete Construction and Materials", and the latest ACI detailing manual.
3. All pipe sleeve openings through concrete slabs shall be formed with standard steel pipe.
4. No electrical conduit shall be placed above the welded wire fabric or top reinforcing of slab.
5. All aluminum in contact with concrete or dissimilar metals shall be coated with two coats of coal tar epoxy, approved by the engineer, unless otherwise noted.
6. Concrete shall be discharged at the site within 1 1/2 hours after water has been added to the cement and aggregates.
7. All concrete shall be placed without horizontal construction joints, except where specifically noted.
8. All exposed edges of concrete members shall be chamfered 1/4" unless shown otherwise.
9. Reinforcing bars shall conform to ASTM A615, Grade 60. No tack welding of reinforcing in the field will be permitted.
10. Reinforcing bars for welded applications shall conform to ASTM A706, 60 ksi yield strength.
11. Welded wire fabric reinforcing shall conform to ASTM A185 and be furnished in flat sheets and installed on chairs.
12. Wire bar supports shall be furnished for all reinforcing within slabs, inclusive of welded wire fabric.
13. Reinforcement shall be continuous through all construction joints unless otherwise noted on drawings.
14. All hooks shown on drawings shall be ACI standard hooks, unless otherwise noted.
15. Where continuous bars are called for, they shall run continuously around corners and be lapped at necessary splices.
16. In reinforced concrete walls, grade beams and trench footing provide corner dowels of same size and spacing as horizontal reinforcing.
17. The following minimum concrete cover shall be provided for reinforcement, unless otherwise noted:
18. Reinforcing bars shall have a minimum clear spacing of 4"
19. See Civil Drawings for concrete washout requirements.
20. See details for splice lengths. When lapping two different size bars, use the lap dimension of the smaller bar or the anchorage dimension of the larger bar, use whichever dimension is larger.

WOOD FRAMING

- 1. All timber shall conform to "National Design Specification for Wood Construction" (ANSI/AWC NDS) for the year referenced in the building code noted.
2. Connect all members per IBC 2015 "Fastening Schedule" Table 2304.10.1, unless noted otherwise.
3. Joists and rafters shall have diagonal cross bracing or full depth blocking at 8'-0" on center maximum.
4. All nails shall be "common wire nails" of the following length and diameter:
5. Collated gun-driven nails shall meet the requirements of ASTM F1667.
6. All sawn lumber except 2x12s shall be Spruce Pine Fir (SP) No. 2, or better, with the following NDS minimum reference design values, unless noted otherwise.
7. All sawn lumber 2x12s shall be Southern Pine (SP) No. 1, or better, with the following NDS minimum reference design values, unless noted otherwise.
8. Laminated Veneer Lumber: 1.9E 1 1/2" Microlam LVL's as manufactured by Weyerhaeuser (Truss Joist), 2.0E 1 1/2" LVL's or approved equal with the following minimum cover splice strengths:
9. Wood Member Connections - Connect multiple individual framing member that are parallel and in contact thus:
10. Joist hangers, beam hangers, connections and fasteners shall be by one of the following manufacturers:
11. Connectors depicted throughout the structural details are based on Simpson Strong-Tie model numbers.
12. All lumber exposed to the exterior or in direct contact with masonry or concrete shall be pressure treated.
13. All fasteners and connector in contact with treated lumber or exposed to the exterior shall be hot dip galvanized or have a Z185 galvanized coating.
14. Stud Walls:
15. Interior non-bearing stud walls shall be anchored to concrete slabs per the Building code using Simpson PDPAW or Hilti X-CF 72 sill plate fasteners or approved equal.
16. Sheathing:
17. Floor sheathing shall be attached as follows:
18. Roof sheathing shall be attached as follows:
19. Wall sheathing shall be attached as follows:

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REVISION HISTORY

Table with 4 columns: Description, Date, Appr, and Description. Contains one revision entry.

ISSUED FOR 09/26/2025

DD REVIEW

PRELIMINARY NOT FOR CONSTRUCTION

NEW ALL PURPOSE FIELD AND PARKING LOT HALLSVILLE R-IV SCHOOL DISTRICT 411 E. HIGHWAY 124 HALLSVILLE, MO 65255

Non-Reduced Sheet Size 30" x 42" Full sized plans have been prepared using standard scales. Reduced sized plans may not conform to standard scales.

Table with 2 columns: Field/Checked and JEK/Check Date. Includes SHEET TITLE, STRUCTURAL NOTES, PROJECT NO., DRAWING ISSUED DATE, and SHEET number 001.

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REVISION HISTORY

NO.	DESCRIPTION	DATE	APPR.

ISSUED FOR: **09/26/2025**

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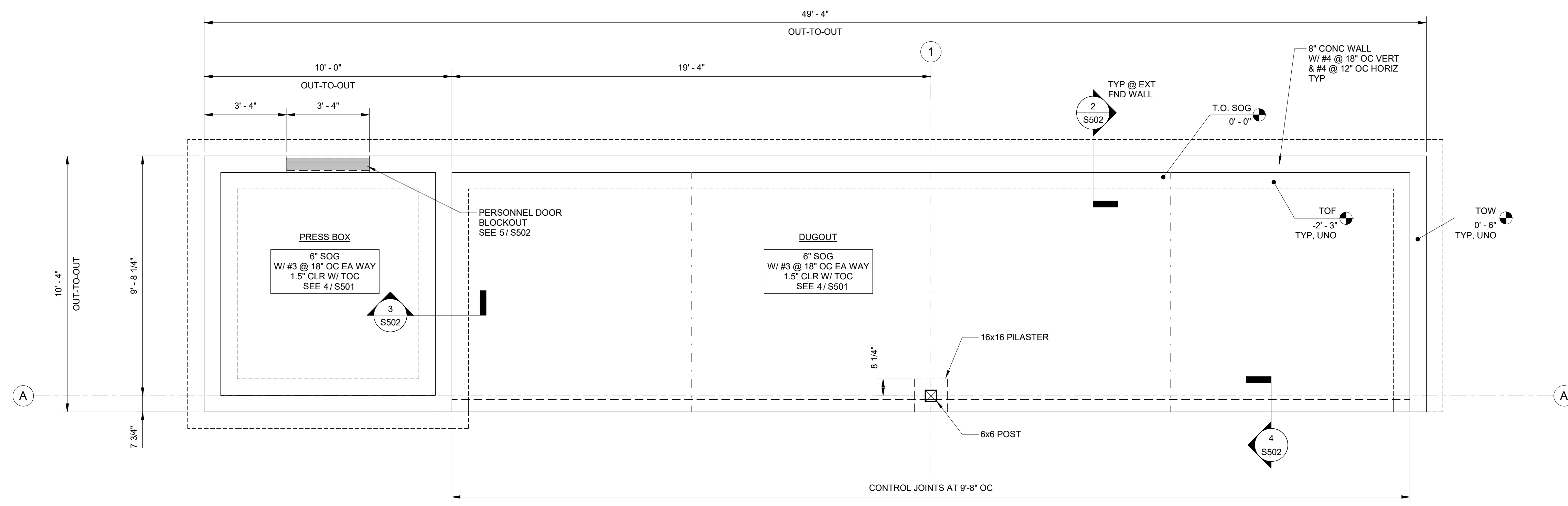
SHEET TITLE

FOUNDATION PLAN

PROJECT NO.
24-5917

DRAWING ISSUED DATE:
9/26/25

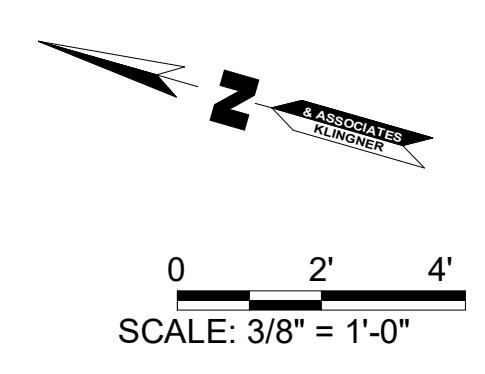
SHEET
S101



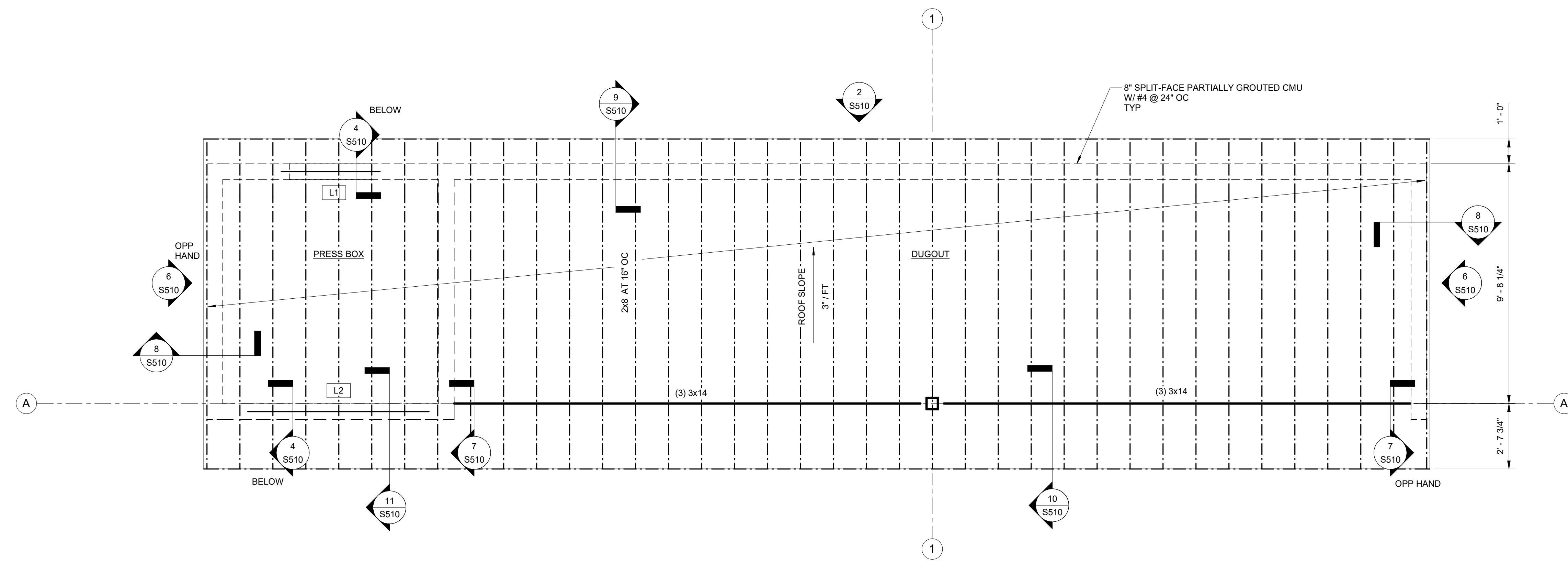
- FOUNDATION PLAN GENERAL NOTES:**
- SEE S501 FOR DESIGN CRITERIA & ABBREVIATIONS.
 - VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL & CIVIL DRAWINGS.
 - STRIP FOOTINGS ARE TO BE CENTERED UNDER FOUNDATION WALLS, UNO ON PLAN OR DETAILS.
 - FOUNDATION AND SLAB SUBGRADES TO BE PREPARED PER GEOTECH REPORT.
 - REINFORCEMENT SHOWN IN DETAILS ON FOLLOWING SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. SEE SCHEDULES FOR ACTUAL REINFORCEMENT.
 - TEMPORARY SHORING PER CONTRACTOR. DESIGN BY OTHERS.
 - CENTER STOOPS AT DOORS. PROVIDE 1/2" ISOLATION MATERIAL BETWEEN STOOPS AND EXTERIOR SITE WORK.

NOTE:
AT 1ST BASE DUGOUT, MIRROR PLAN FOR IT CLOSET

1 3RD BASE DUGOUT FOUNDATION PLAN
3/8" = 1'-0"

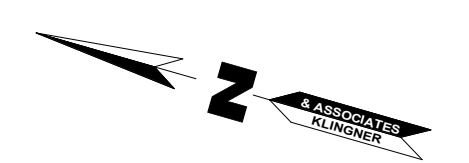


9/22/2025 3:46:27 PM
 P:\Columbia\2025\25017 Hallsville School District - 2025 Bond Issue\14 Struct\14 Hallsville Baseball Field & Parking Lot 24-5017 - STRL.rvt



FRAMING GENERAL NOTES:
 1. SEE S001 FOR DESIGN CRITERIA & ABBREVIATIONS.
 2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL & CIVIL DRAWINGS.
 3. TEMPORARY SHORING PER CONTRACTOR, DESIGN BY OTHERS.

1 3RD BASE DUGOUT ROOF FRAMING PLAN
 3/8" = 1'-0"



0 2' 4'
 SCALE: 3/8" = 1'-0"

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REVISION HISTORY

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 411 E. HIGHWAY 124
 HALLSVILLE, MO 65255

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FIELD	JEK	FIELD BOOK	JEK
CHECKED	JEK	CHECK DATE	JEK

SHEET TITLE

ROOF FRAMING PLAN

PROJECT NO.
 24-5017

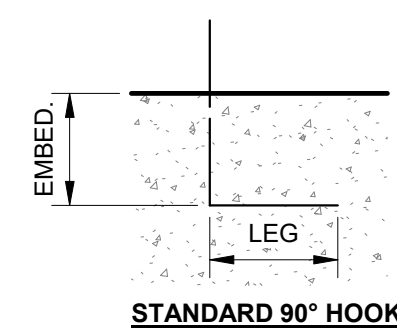
DRAWING ISSUED DATE:
 9/26/25

SHEET
S210

SIZE	MIN LAP	DEVELOPMENT
#3	24"	19"
#4	32"	25"
#5	40"	31"
#6	48"	37"

- ASSUMPTIONS:**
- $f_c = 4$ KSI
 - $f_y = 60$ KSI
 - TOP BARS
 - TENSION REINF.
 - CLASS "B" SPLICES
 - COVER > OR = 2 ϕ
 - CLEAR SPACING > OR = 4 ϕ

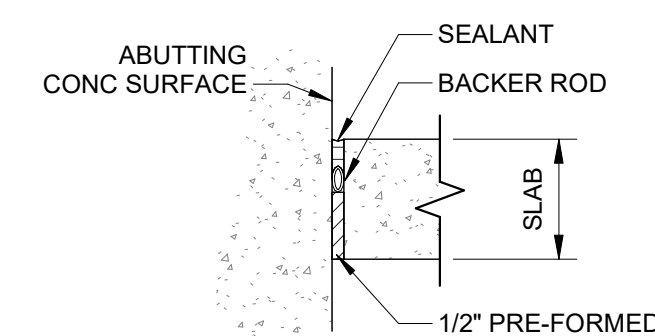
1 TYPICAL REBAR LAP AND DEVELOPMENT SCHEDULE
NTS



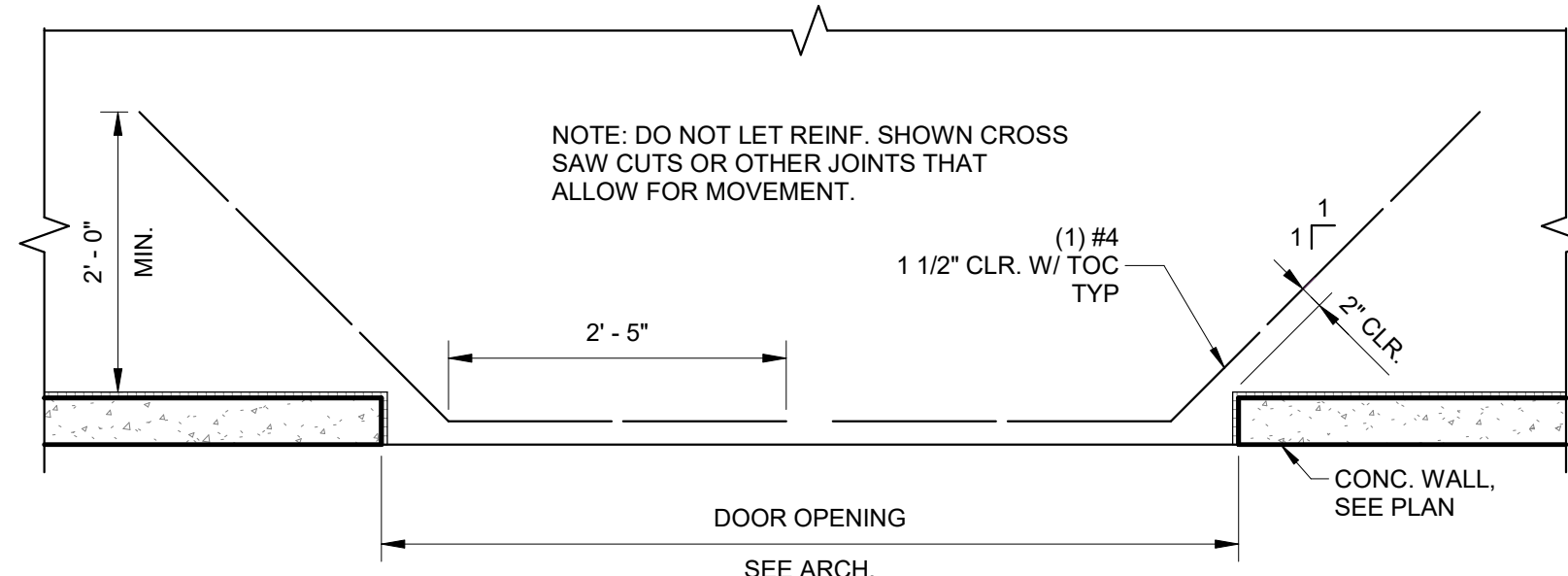
BAR	EMBEDMENT	LEG
#4	0'-3"	0'-3"
#5	0'-5"	0'-10"
#6	0'-10"	1'-0"
#7	1'-0"	1'-2"
#8	1'-2"	1'-4"

- ASSUMPTIONS:**
- $f_c = 4$ KSI
 - $f_y = 60$ KSI
 - CLASS "B" SPLICES
 - SIDE COVER > OR = 2.5"
 - END COVER > OR = 2" WITHOUT TIES AROUND HOOK

2 TYPICAL REBAR HOOK SCHEDULE
NTS

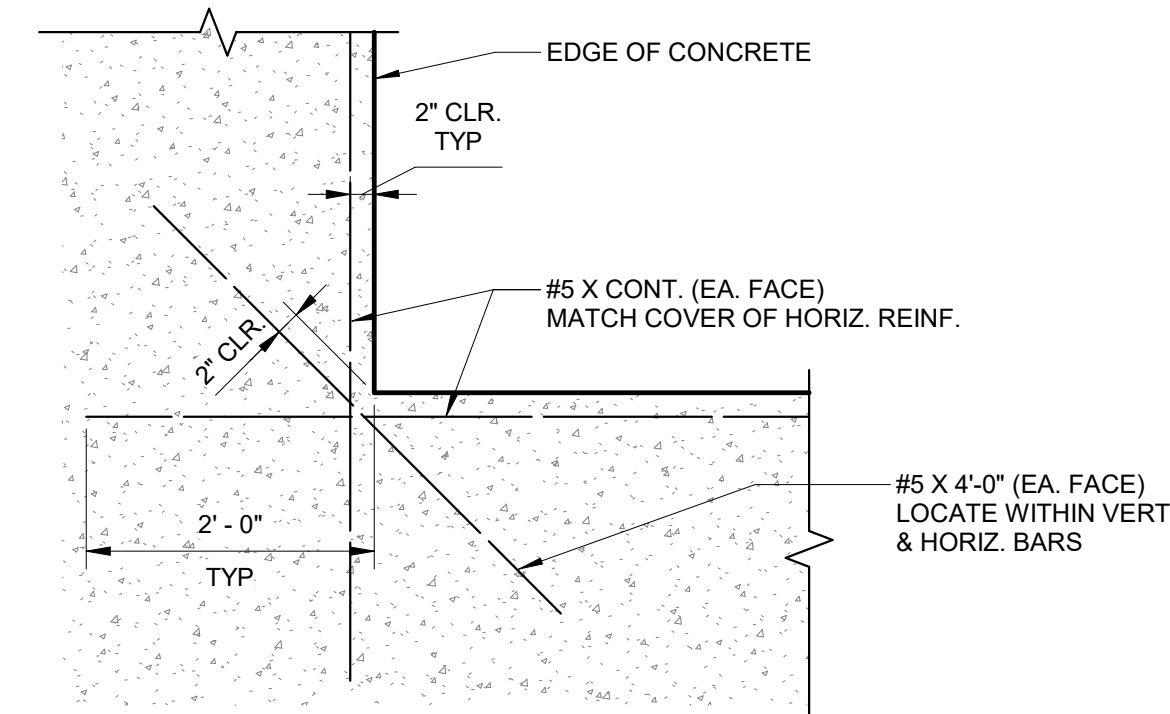


3 EXPANSION JOINT-SLAB TO WALL
NTS



6 ADDITIONAL SLAB REINFORCING AT DOORS
NTS

NOTE: ADDITIONAL REINF. NOT REQ'D WHERE FLOOR COVERINGS (PER ARCH) ARE PROVIDED.

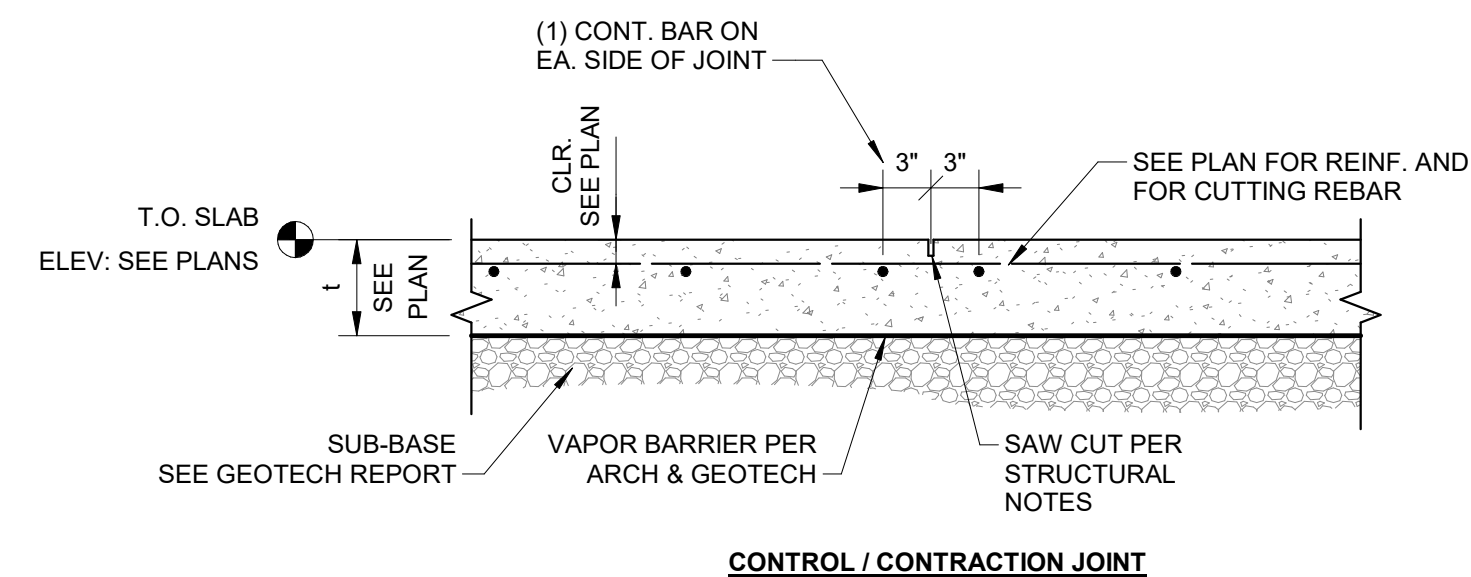
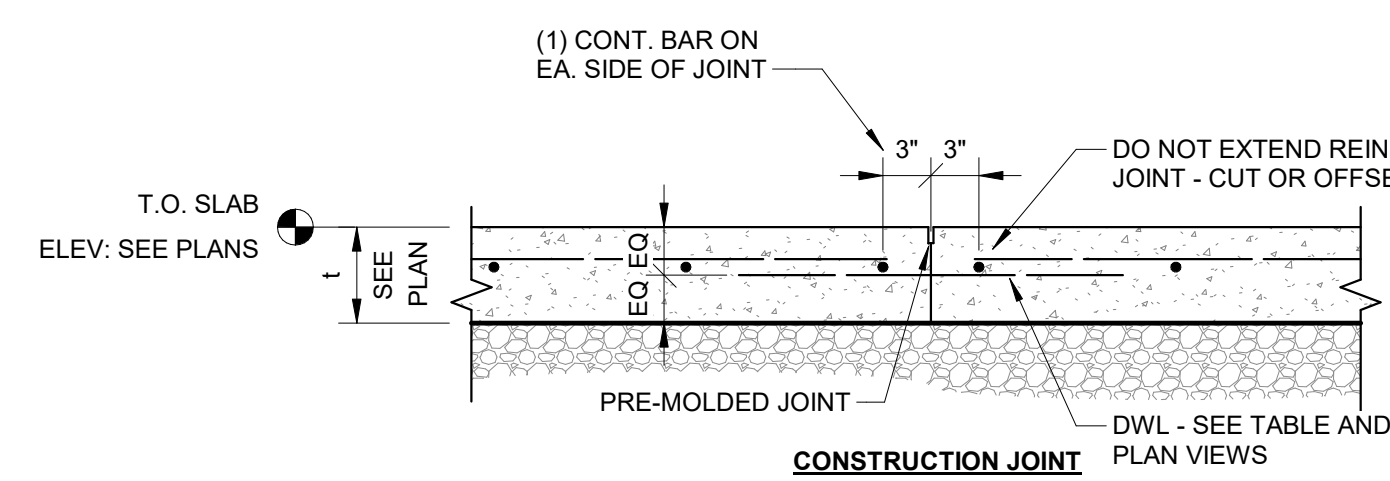


9 TYPICAL RE-ENTRANT CORNER REINFORCEMENT
NTS

NOTE: THIS DETAIL APPLIES FOR RE-ENTRANT CORNERS IN WALLS, SLABS, (SLAB-ON-GRADE AND ELEVATED, INCLUDING CONSTRUCTION JOINTS), BEAMS, AND FOOTINGS.

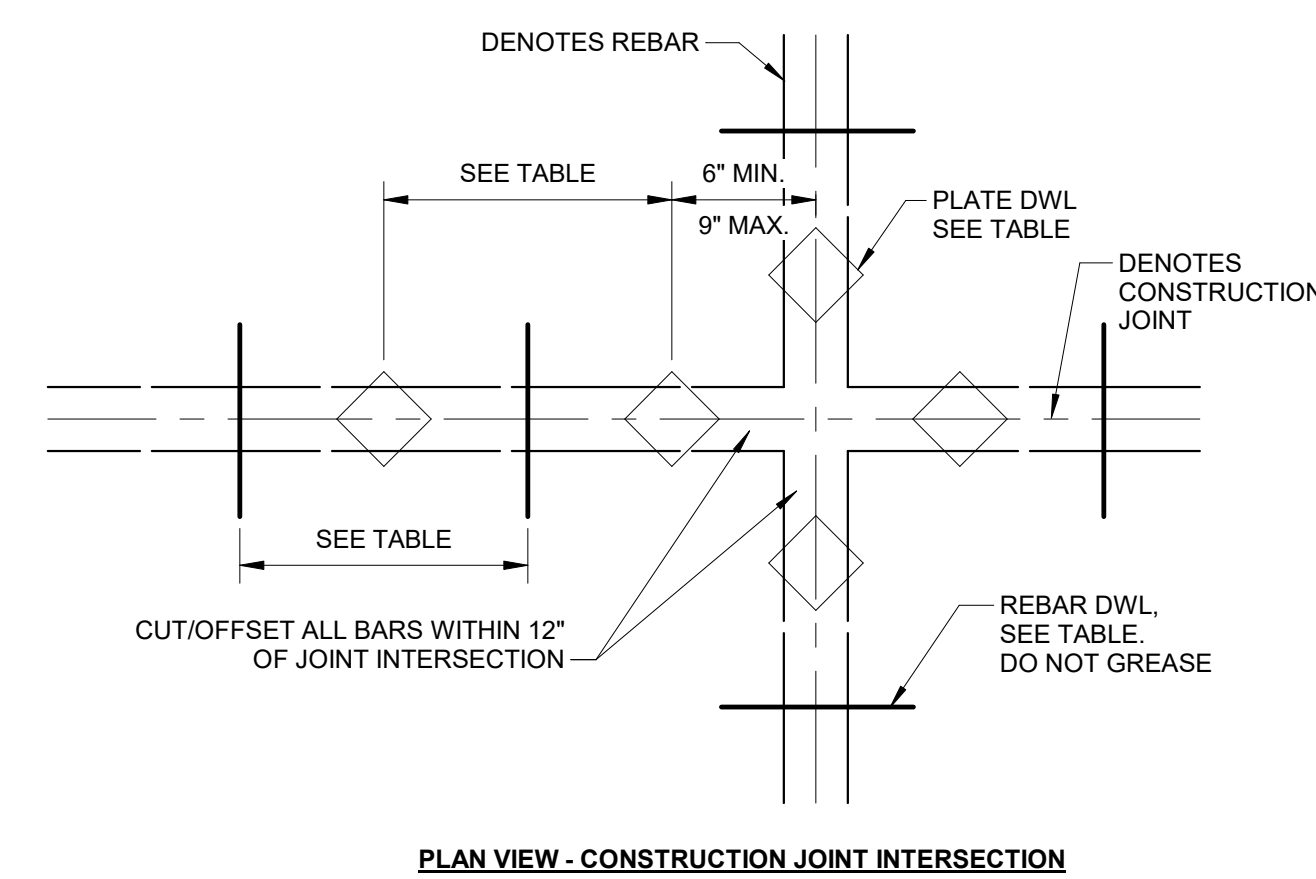
1 (IN)	DOWEL	MAX SPACING, S (IN)
5-6	1/4" X 4 1/2" SQ W/ #3 X 24" LG	18" ALTERNATING
7-8	3/8" X 4 1/2" SQ W/ #3 X 24" LG	18" ALTERNATING

- NOTES:**
- PROVIDE DIAMOND DOWEL BRAND PLATE DOWELS OR APPROVED EQUIVALENT.

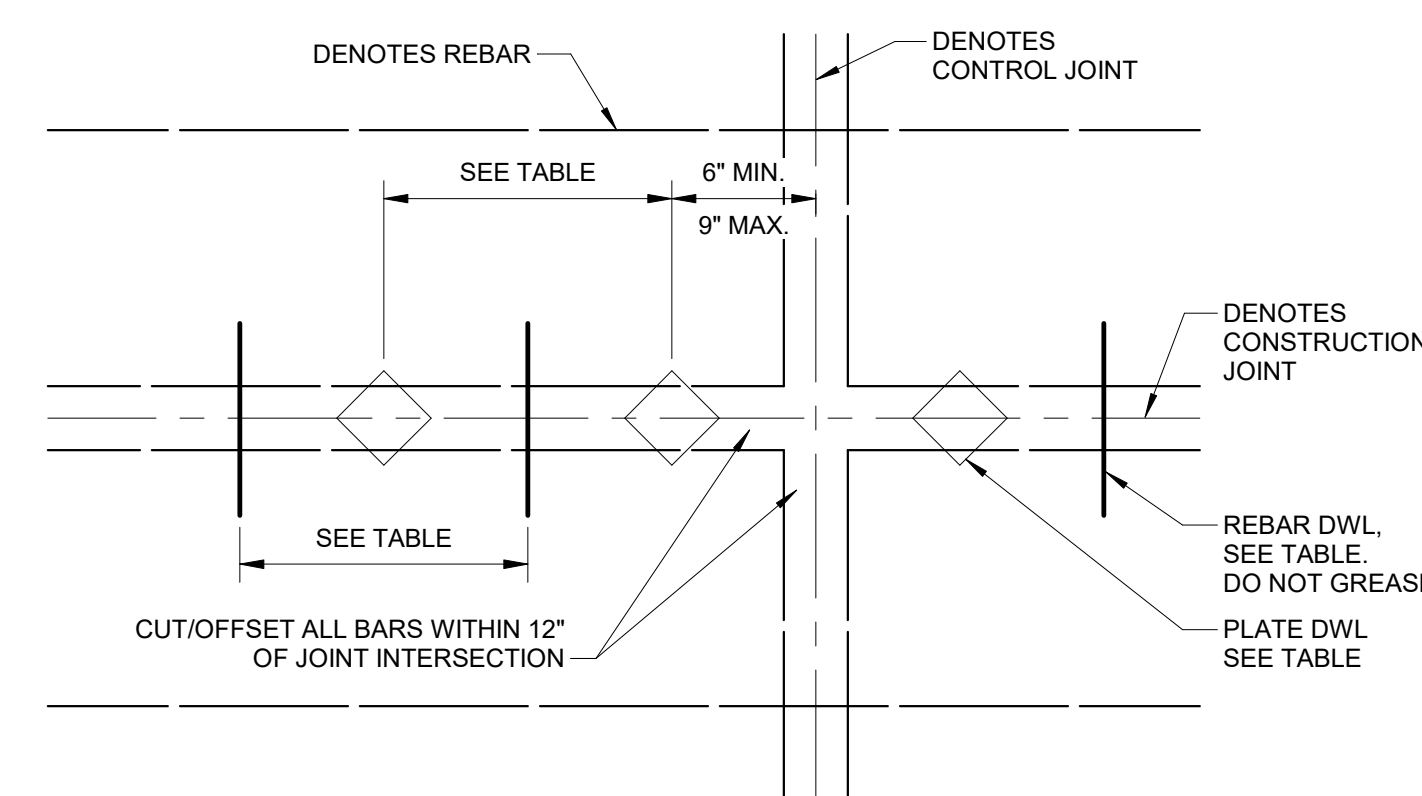


4 SLAB-ON-GRADE JOINTS
NTS

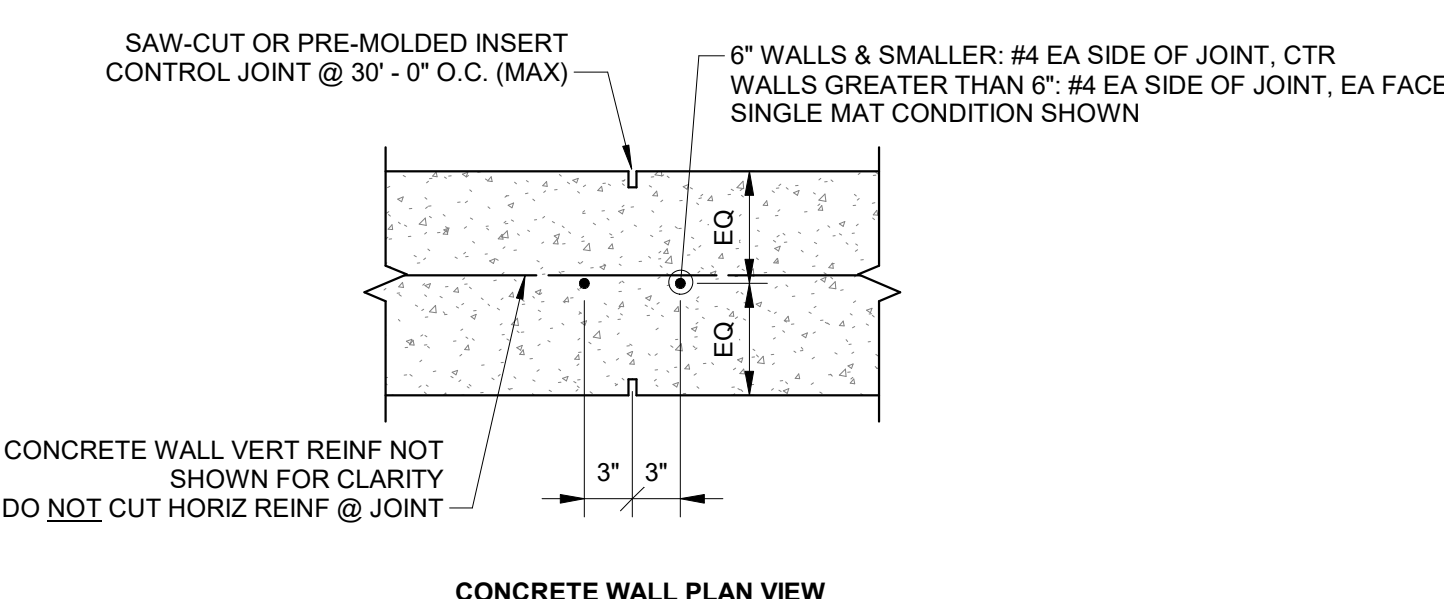
- NOTES:**
- CLR IS TO BE MEASURED FROM TOP OF SLAB TO TOP OF UPPERMOST REBAR.
 - CONTRACTOR'S OPTION TO SAWCUT OR PROVIDED PRE-MOLDED INSERT.
 - SAW CUTS TO BE MADE WITHIN 24 HOURS AFTER POUR.
 - IF CONCRETE MIX USES FIBERS, SAW CUT TO BE 1/8" WIDE AND 1/3 X Y TALL.
 - OTHERWISE, SAW CUT TO BE 1/8" WIDE AND 1/4 X Y TALL (MIN 1" TALL).



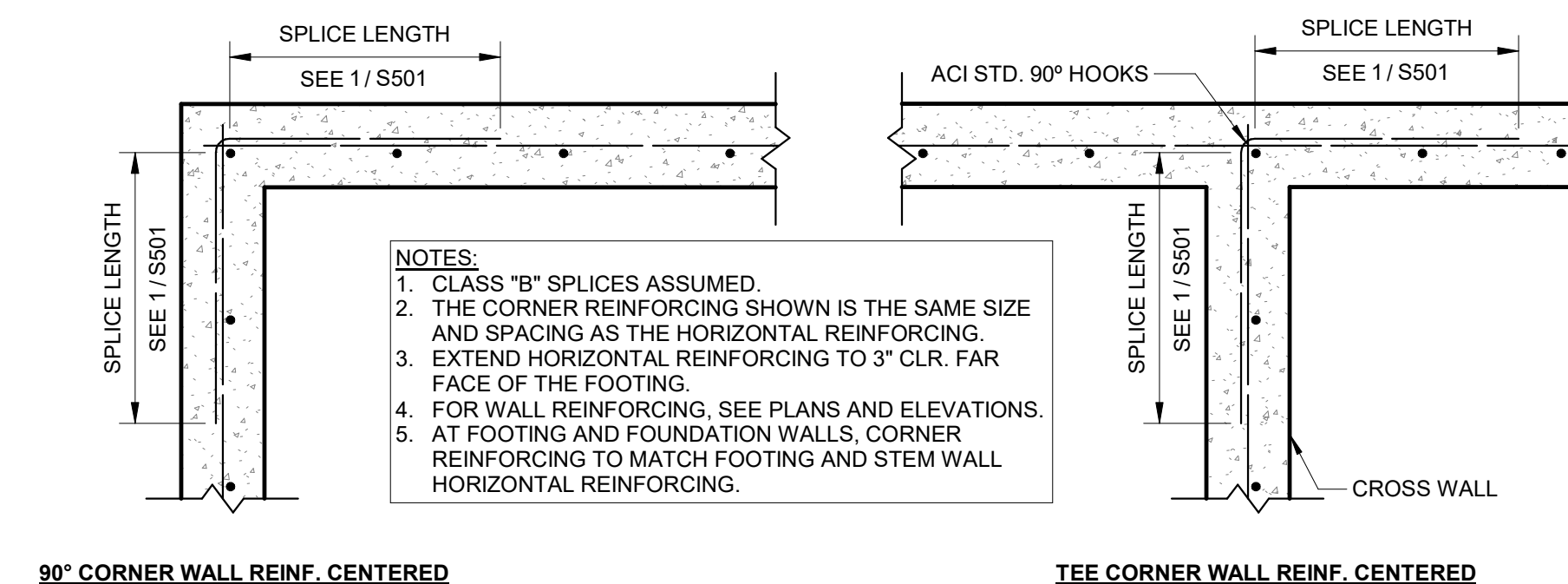
PLAN VIEW - CONSTRUCTION JOINT INTERSECTION



PLAN VIEW - CONSTRUCTION & CONTROL JOINT INTERSECTION

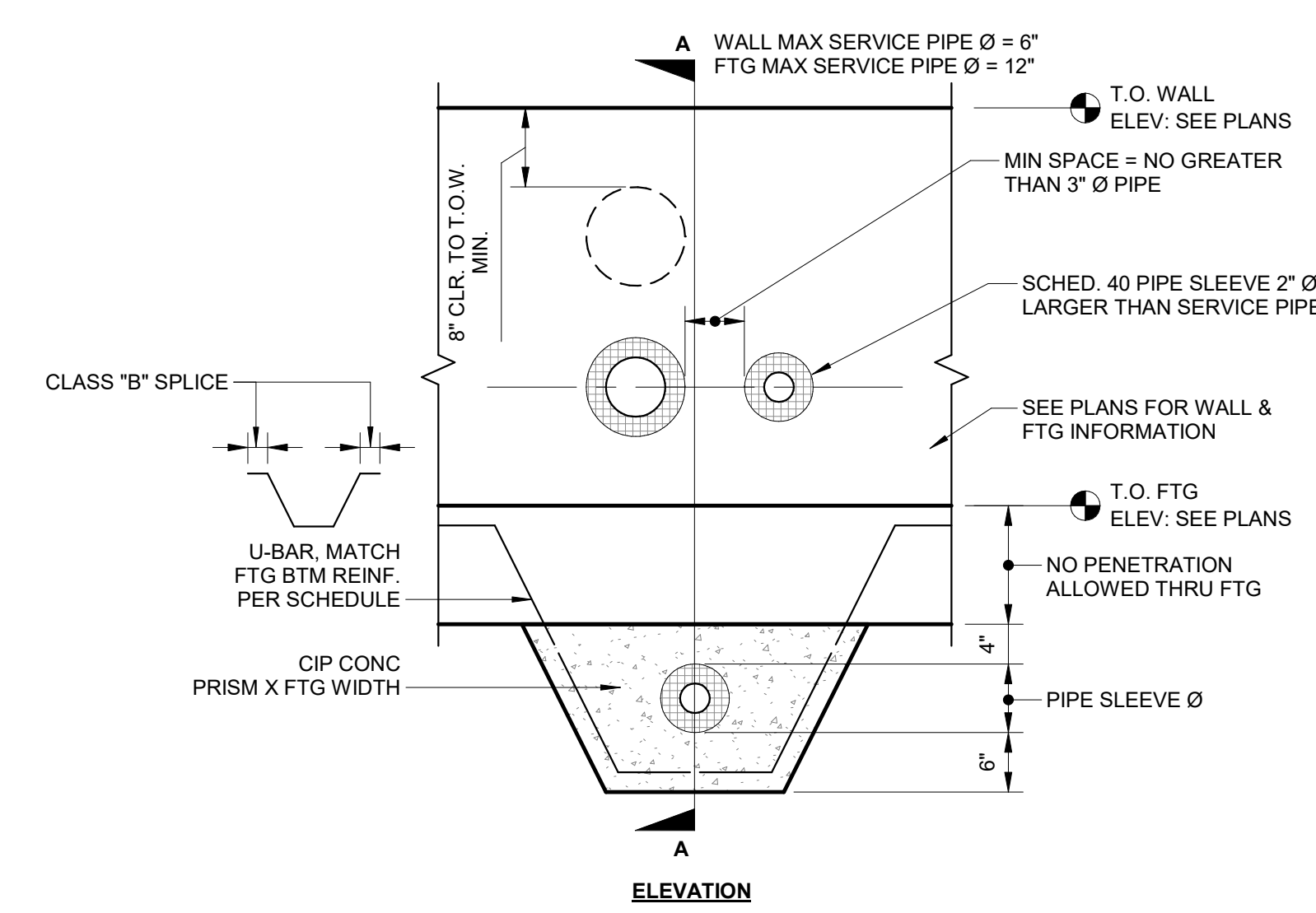


7 TYPICAL EXPOSED CONCRETE WALL CONTROL/CONTRACTION JOINT
NTS

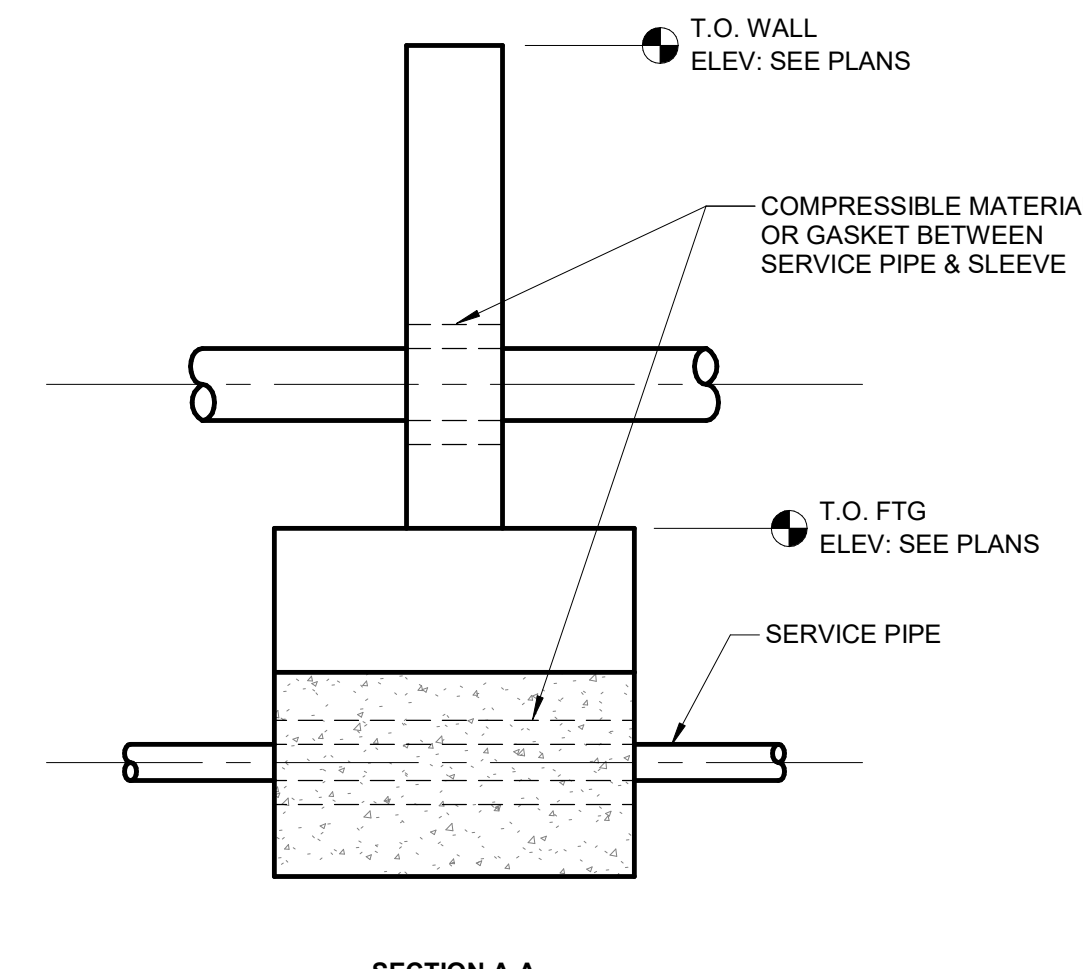


8 CORNER REINFORCING DETAILS
NTS

- NOTES:**
- CLASS "B" SPLICES ASSUMED.
 - THE CORNER REINFORCING SHOWN IS THE SAME SIZE AND SPACING AS THE HORIZONTAL REINFORCING.
 - EXTEND HORIZONTAL REINFORCING TO 3" CLR. FAR FACE OF THE FOOTING.
 - FOR WALL REINFORCING, SEE PLANS AND ELEVATIONS.
 - AT FOOTING AND FOUNDATION WALLS, CORNER REINFORCING TO MATCH FOOTING AND STEM WALL HORIZONTAL REINFORCING.



5 TYPICAL PIPE PENETRATION THRU WALL OR BELOW FOOTING
NTS



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Non-Reduced Sheet Size 30" x 42"

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DESIGNED: JEK DRAWN: JEK

FIELD BOOK

CHECKED: CHECK DATE 01/06/2025

SHEET TITLE

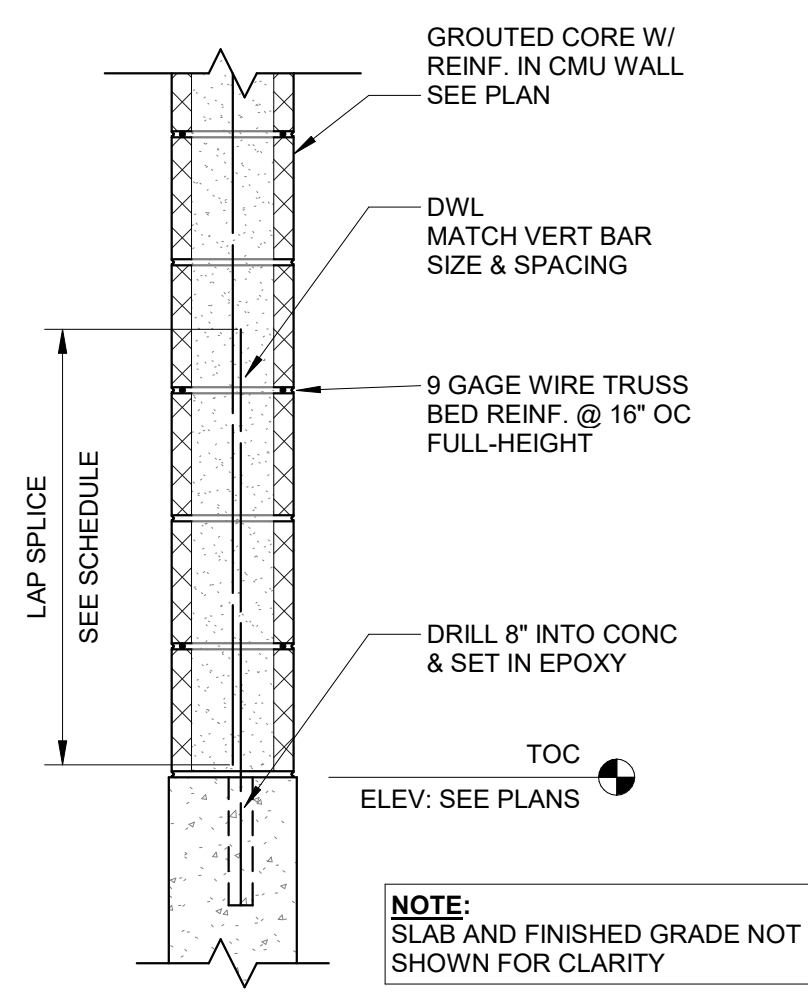
FOUNDATION DETAILS

PROJECT NO. 24-5917

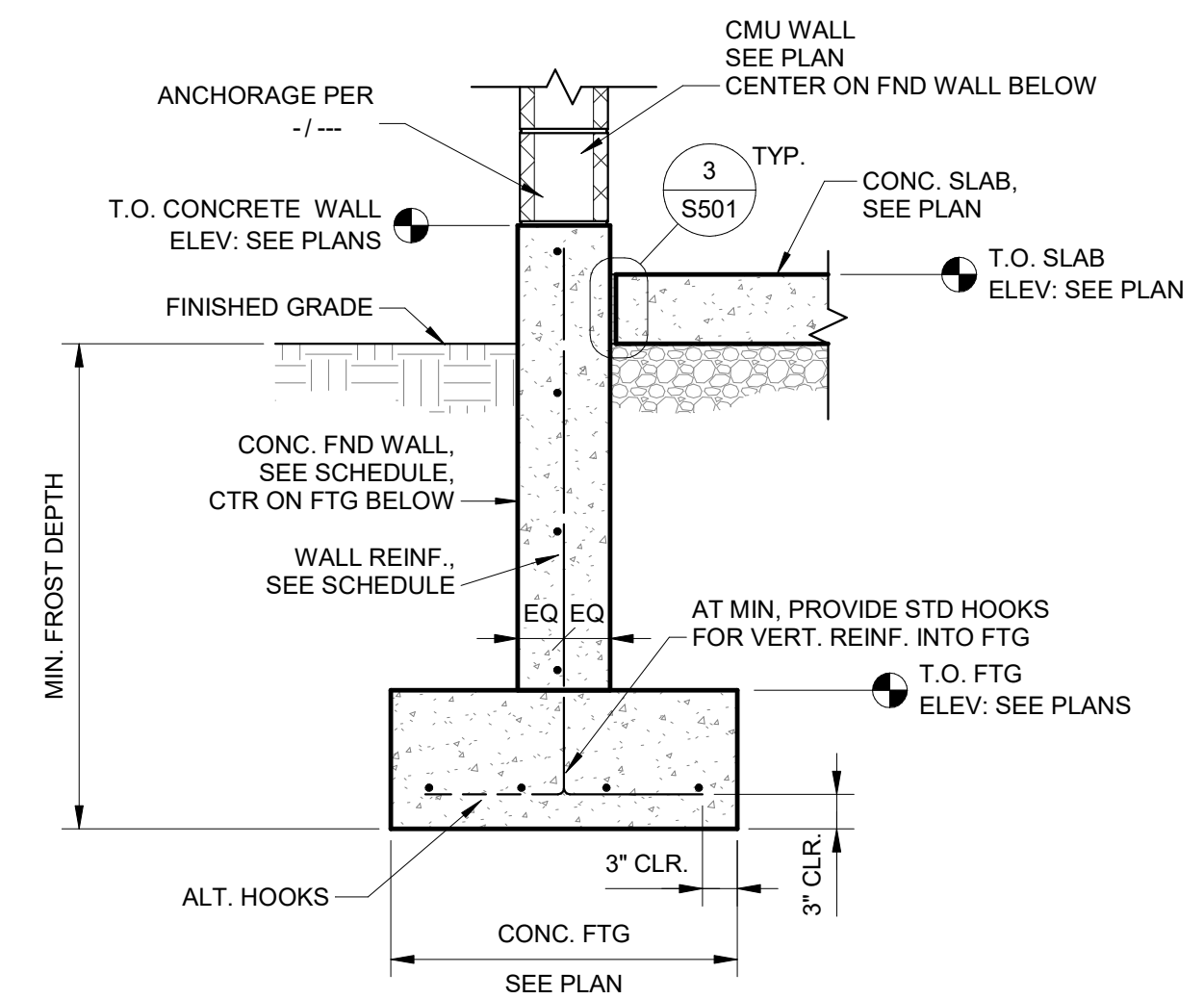
DRAWING ISSUED DATE: 9/26/25

SHEET

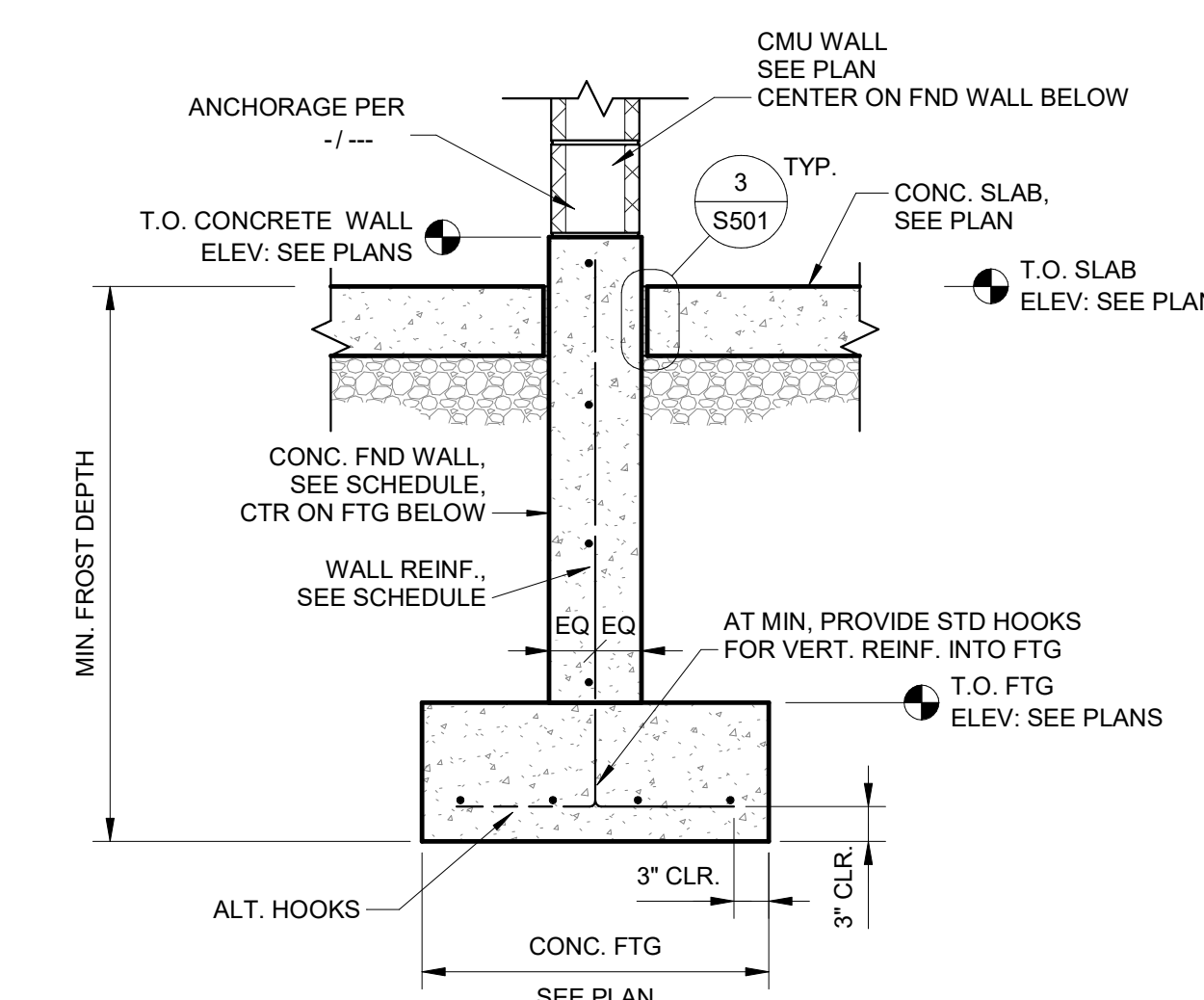
S501



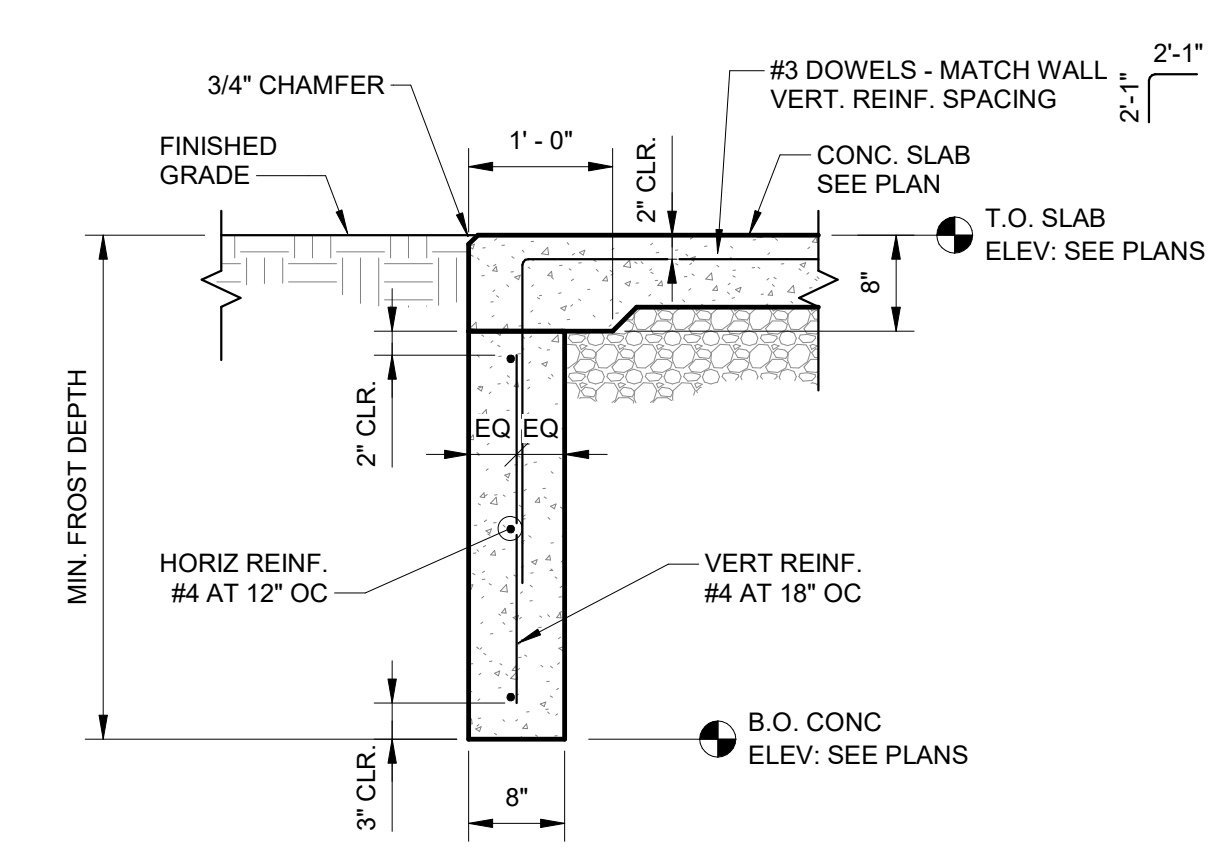
1 TYPICAL CMU WALL CONSTRUCTION
1" = 1'-0"



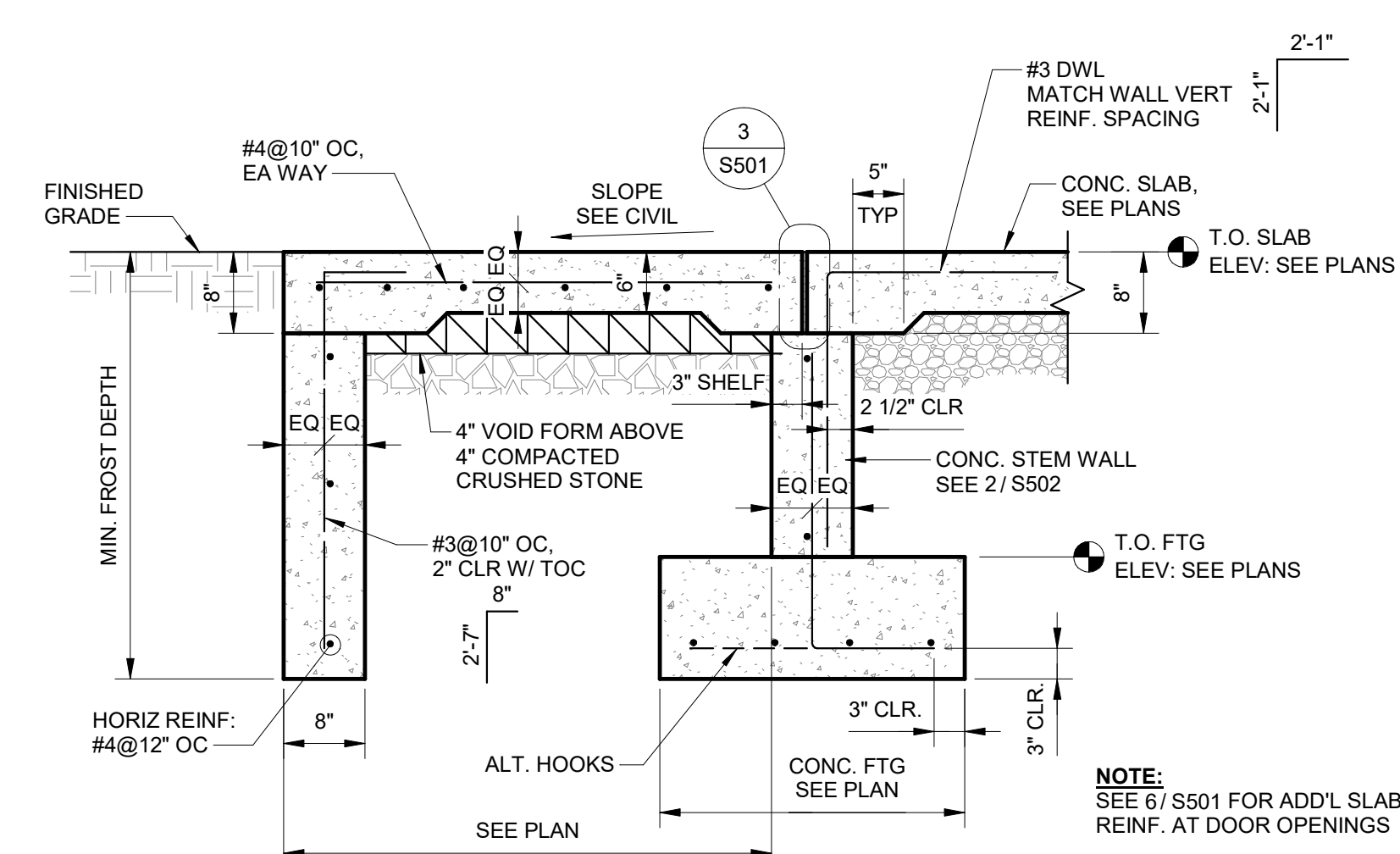
2 TYP. EXT. FOUNDATION WALL SECTION
NTS



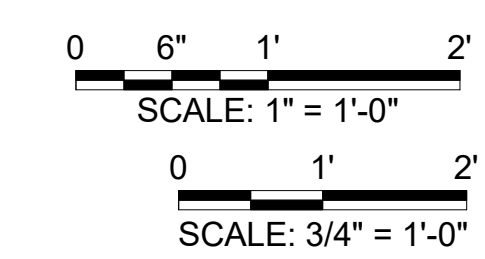
3 TYP. INT. FOUNDATION WALL SECTION
3/4" = 1'-0"



4 SLAB TURNED-DOWN FOOTING
3/4" = 1'-0"



5 BLOCKOUT WITH STOOP AT PERSONNEL DOORS
NTS



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REVISION HISTORY		
NO.	DESCRIPTION	DATE

ISSUED FOR: 09/26/2025

DD REVIEW

PRELIMINARY
NOT FOR CONSTRUCTION

NEW ALL PURPOSE FIELD AND PARKING LOT
HALLSVILLE R-IV SCHOOL DISTRICT
411 E. HIGHWAY 124
HALLSVILLE, MO 65255

Non-Reduced Sheet Size 30" x 42"
Full sized plans have been prepared using standard scales.
Reduced sized plans may not conform to standard scales.

DESIGNED	JEK	DRAWN	JEK
FIELD	JEK	FIELD BOOK	JEK
CHECKED	JEK	CHECK DATE	JEK

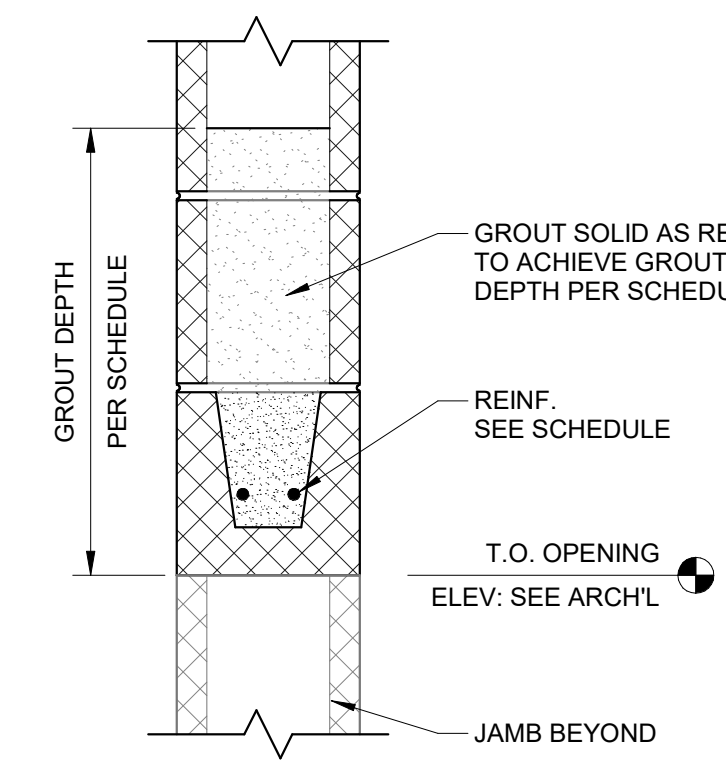
SHEET TITLE

FOUNDATION DETAILS

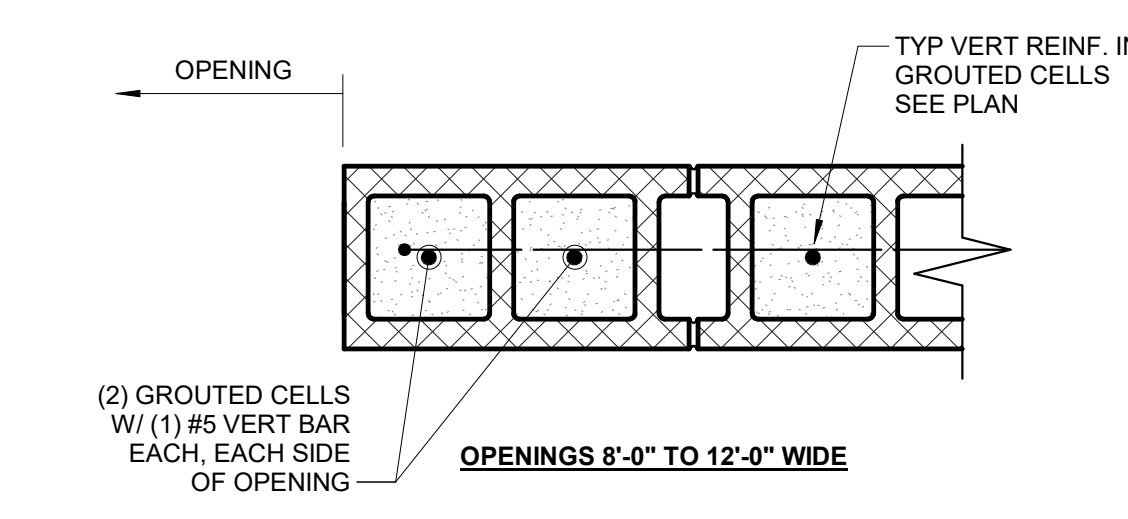
PROJECT NO.
24-0917

DRAWING ISSUED DATE:
9/26/25

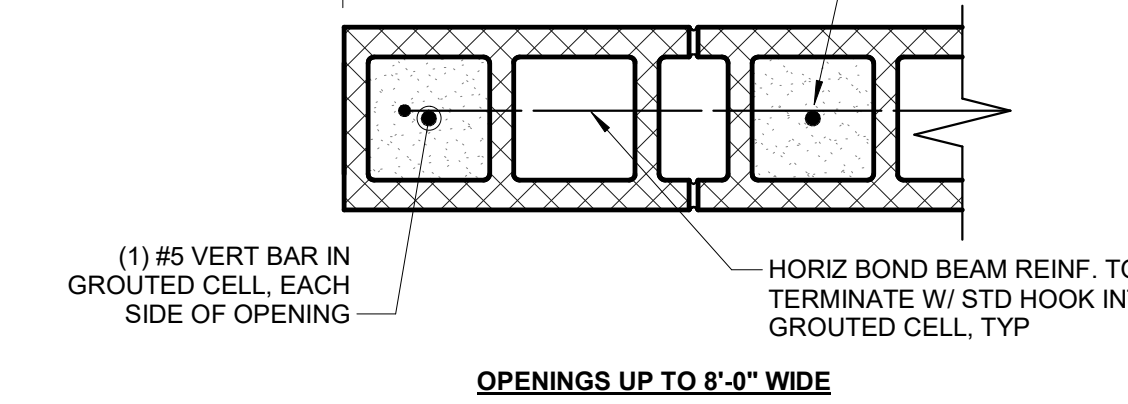
SHEET
S502



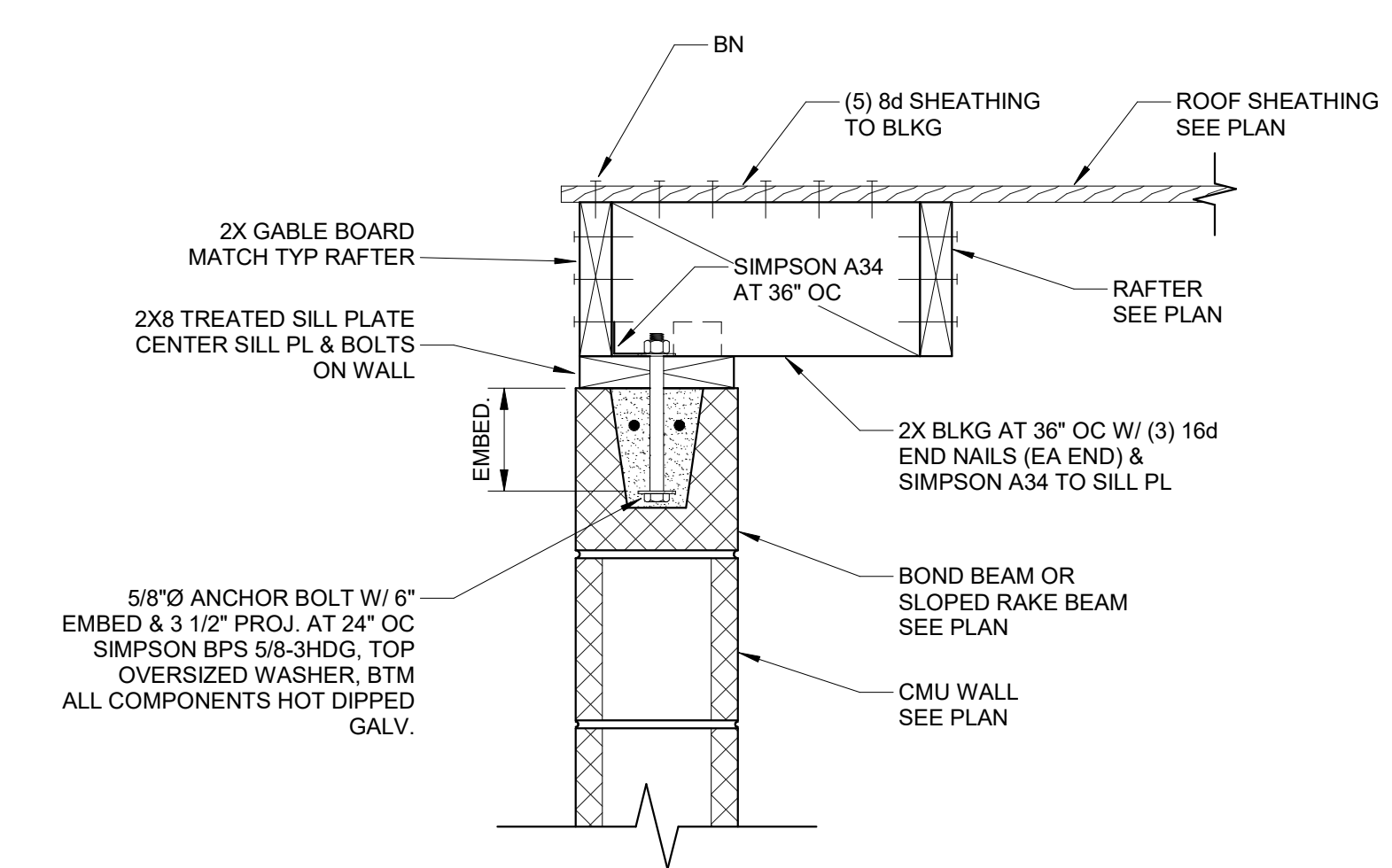
4 CMU LINTEL DETAIL
 1 1/2" = 1'-0"



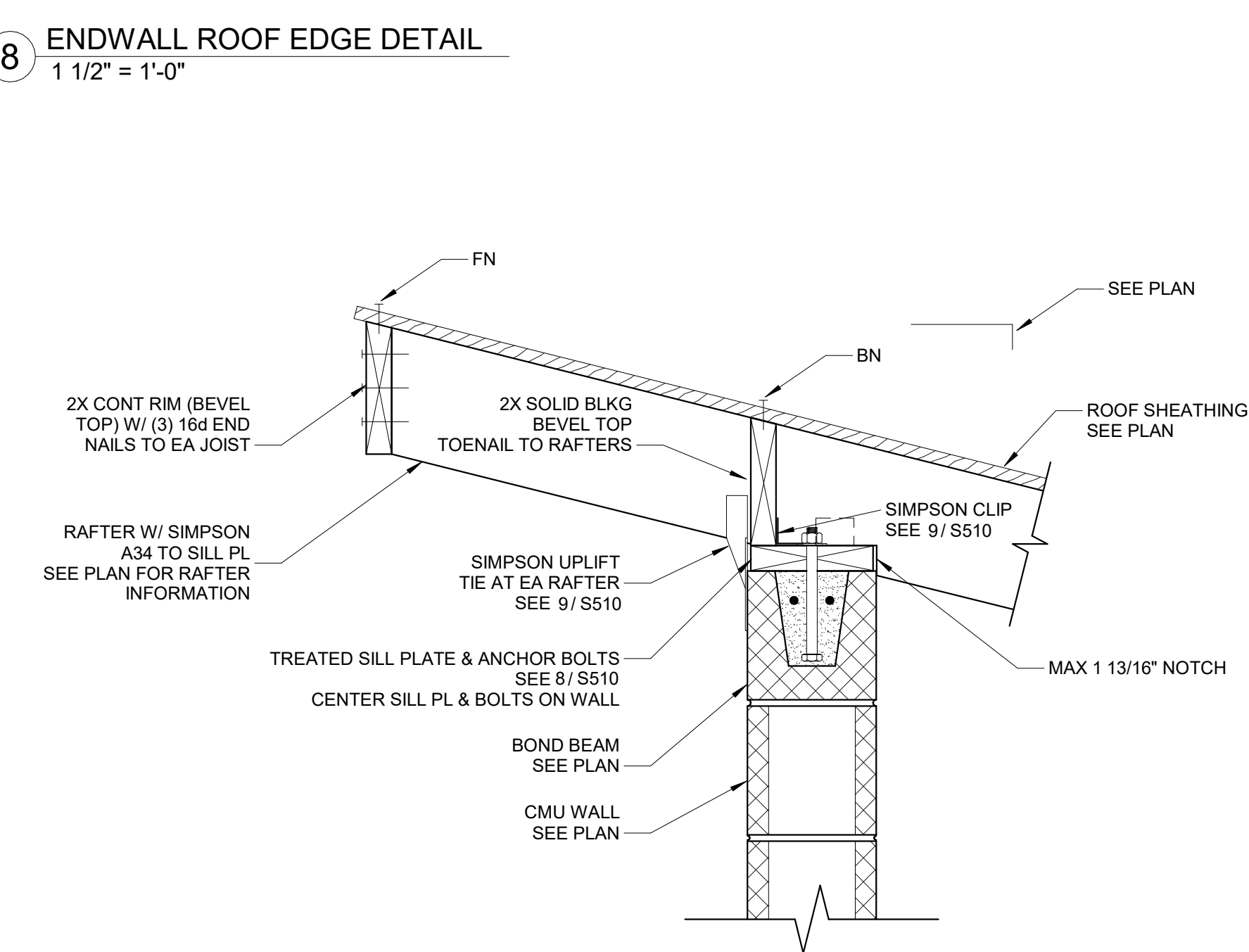
5 CMU OPENING JAMB DETAILS
 1 1/2" = 1'-0"



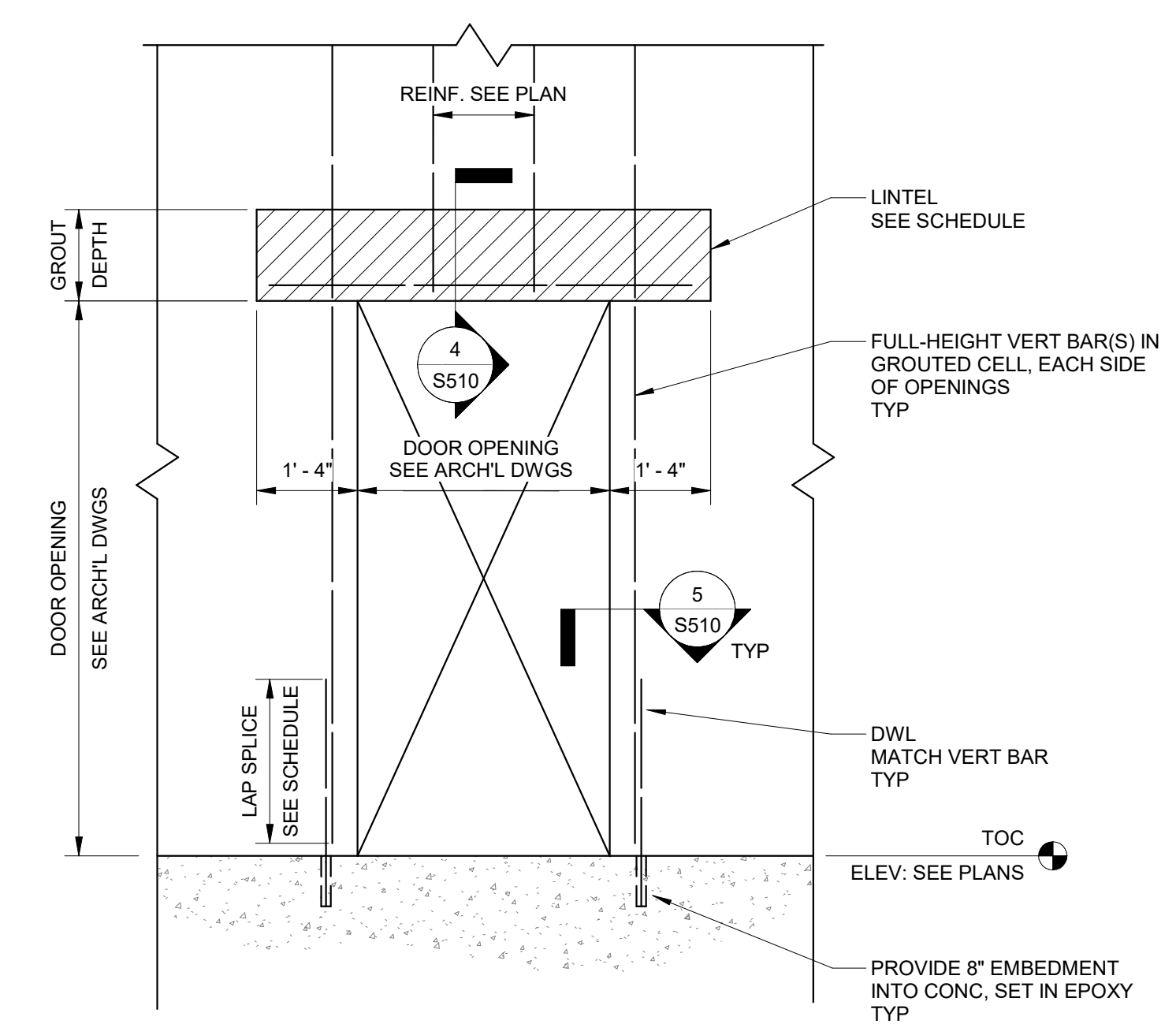
5 CMU OPENING JAMB DETAILS
 1 1/2" = 1'-0"



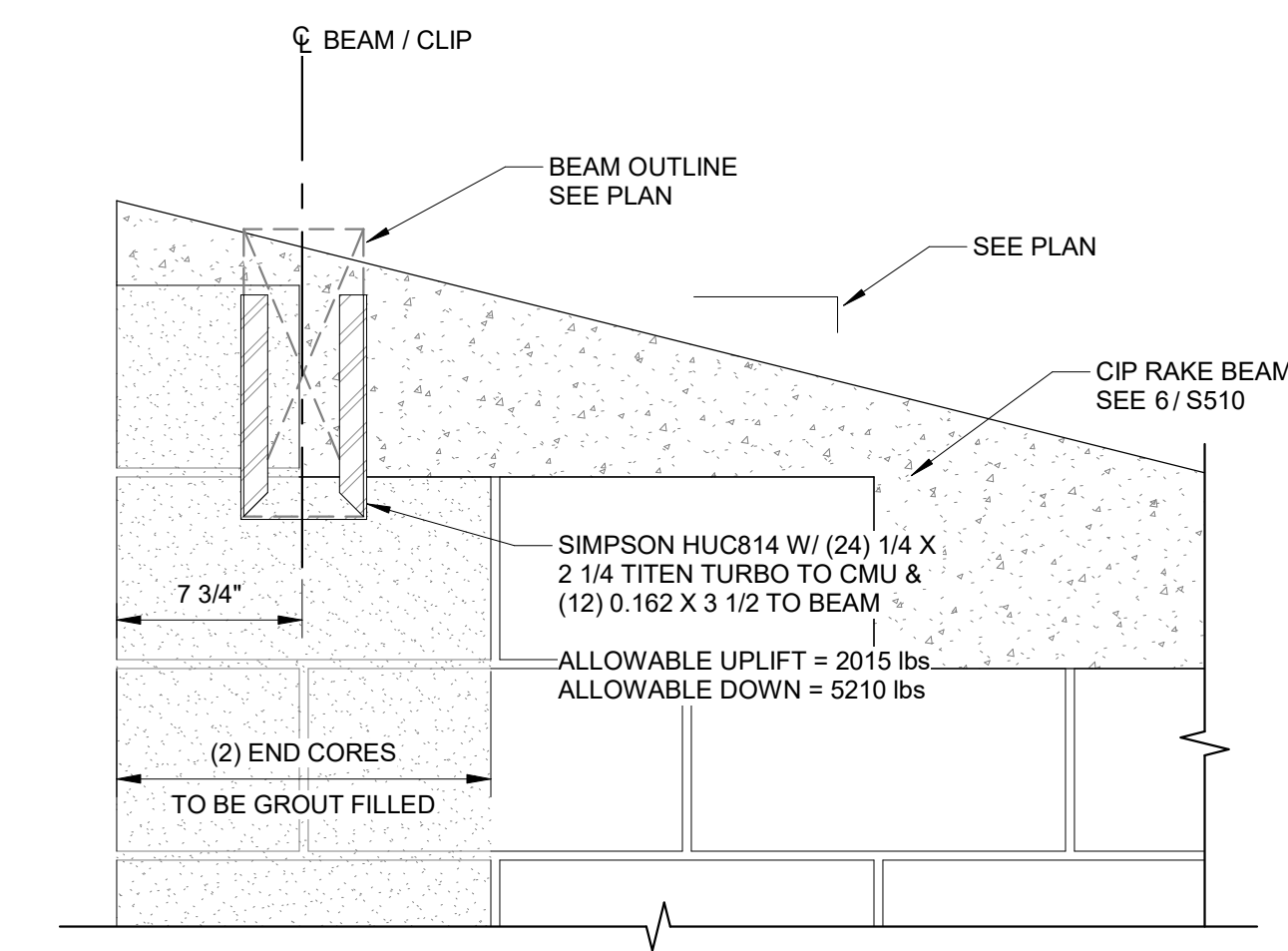
8 ENDWALL ROOF EDGE DETAIL
 1 1/2" = 1'-0"



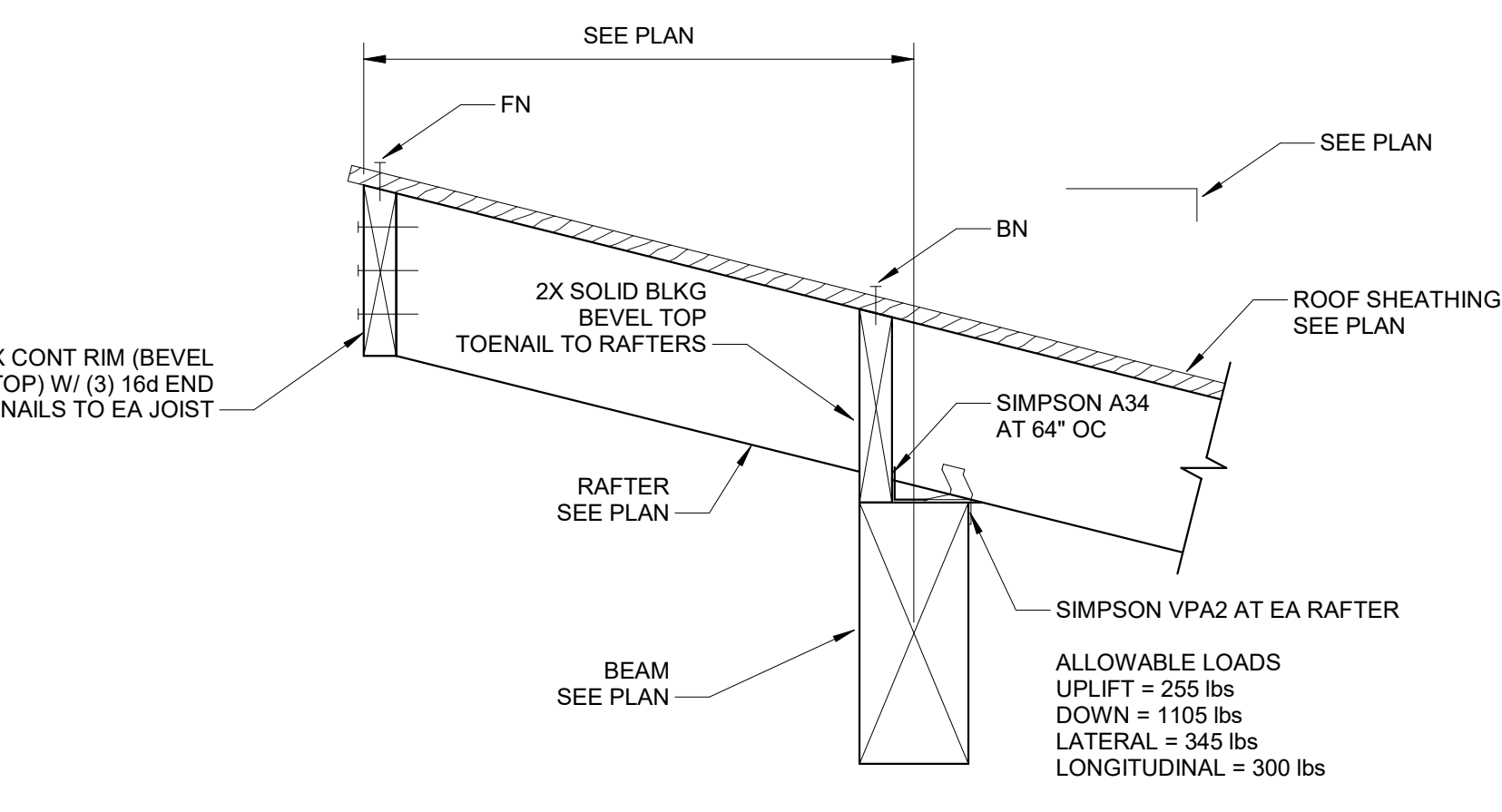
11 WOOD RAFTER BEARING ON CMU WALL - HIGH SIDE
 1 1/2" = 1'-0"



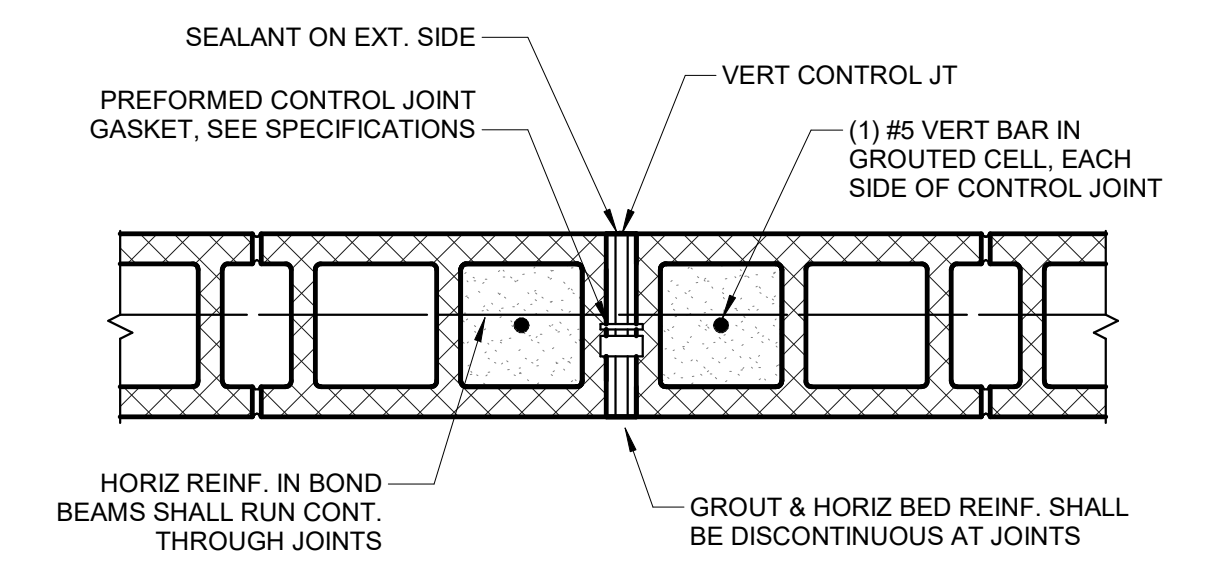
3 TYP CMU OPENING
 1/2" = 1'-0"



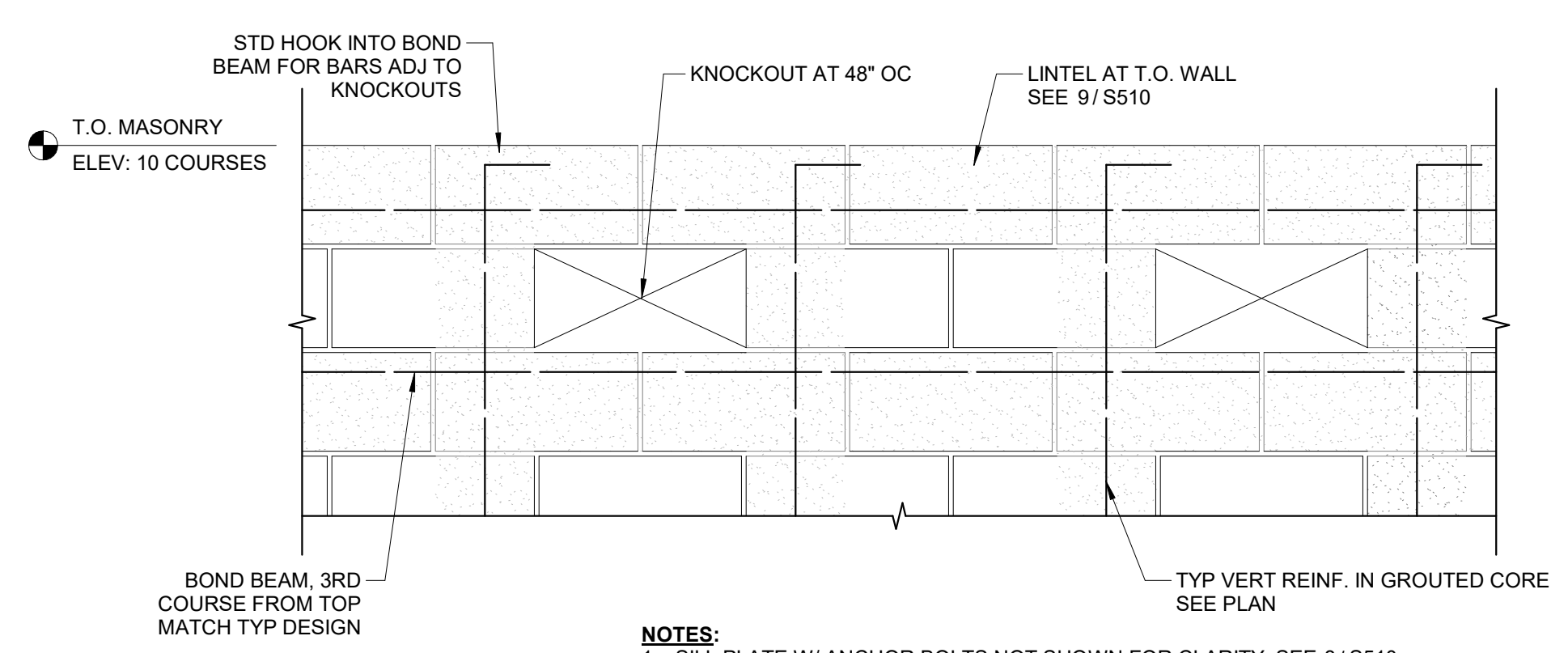
7 HIGH SIDE WOOD BEAM TO CMU
 1 1/2" = 1'-0"



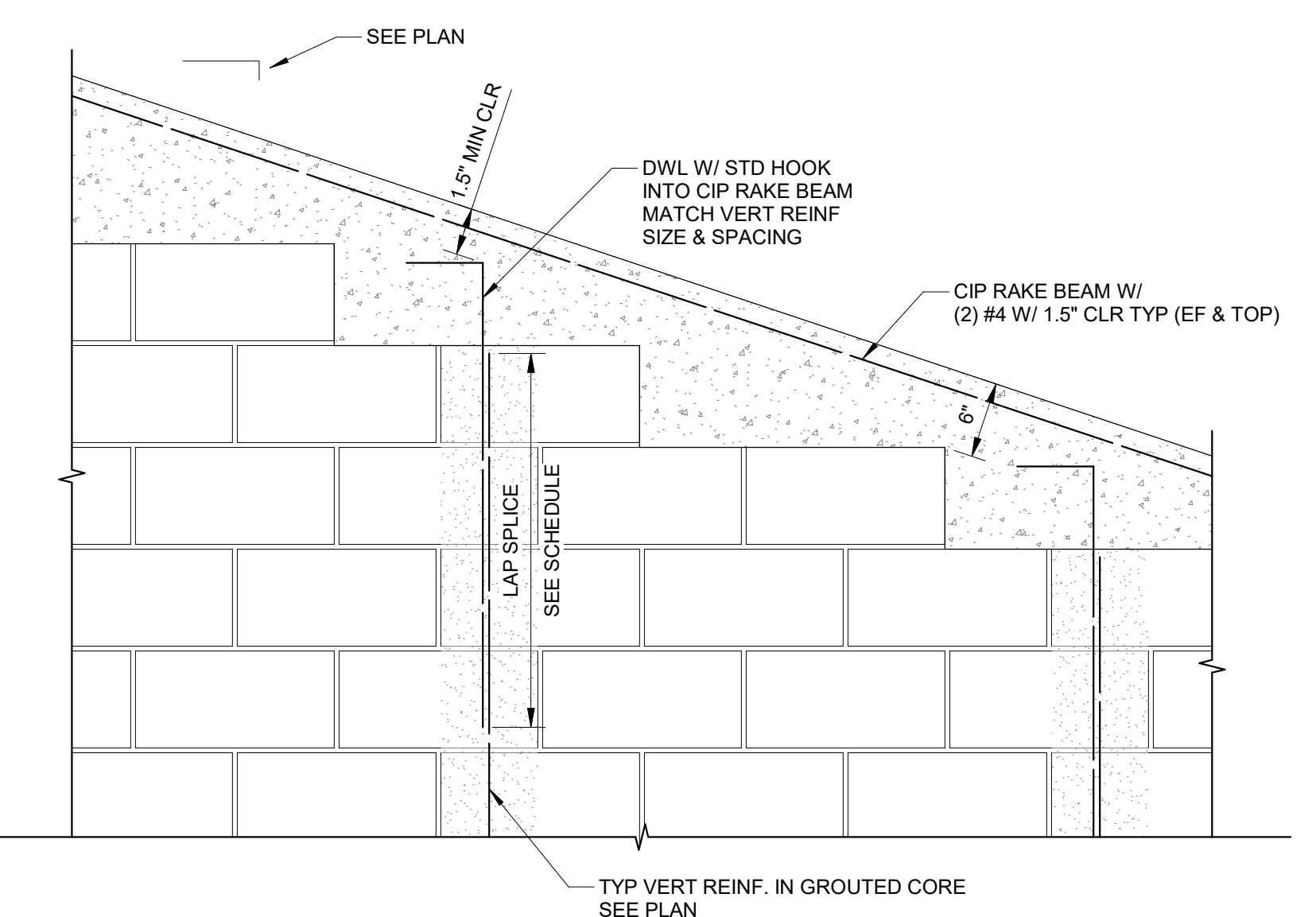
10 WOOD RAFTER BEARING ON WOOD BEAM
 1 1/2" = 1'-0"



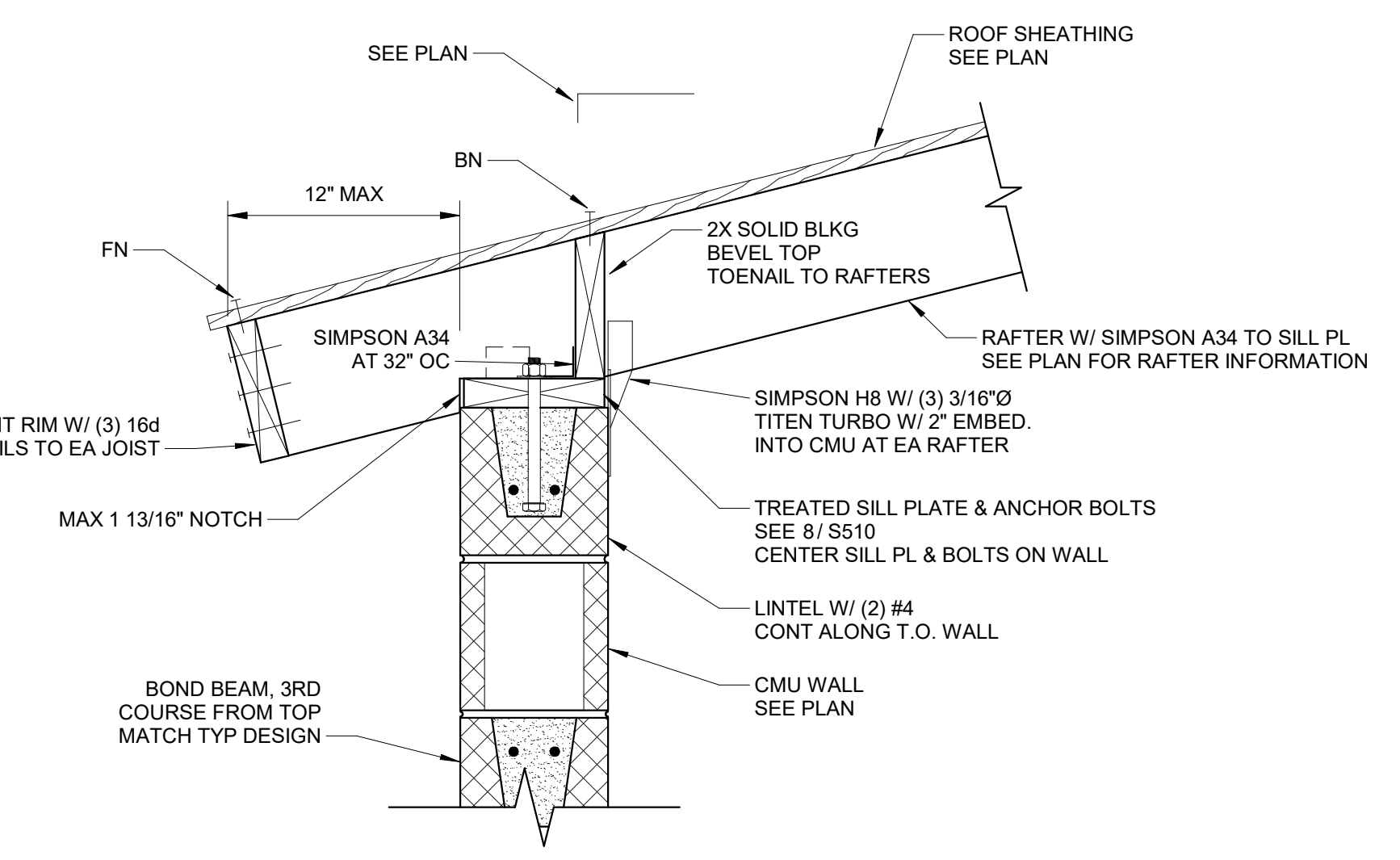
1 VERT CONTROL JOINT DETAIL
 1 1/2" = 1'-0"



2 LOW SIDEWALL KNOCKOUTS
 1" = 1'-0"



6 GABLE END WALL WITH SLOPED RAKE BEAM
 1" = 1'-0"



9 WOOD RAFTER BEARING ON CMU WALL - LOW SIDE
 1 1/2" = 1'-0"

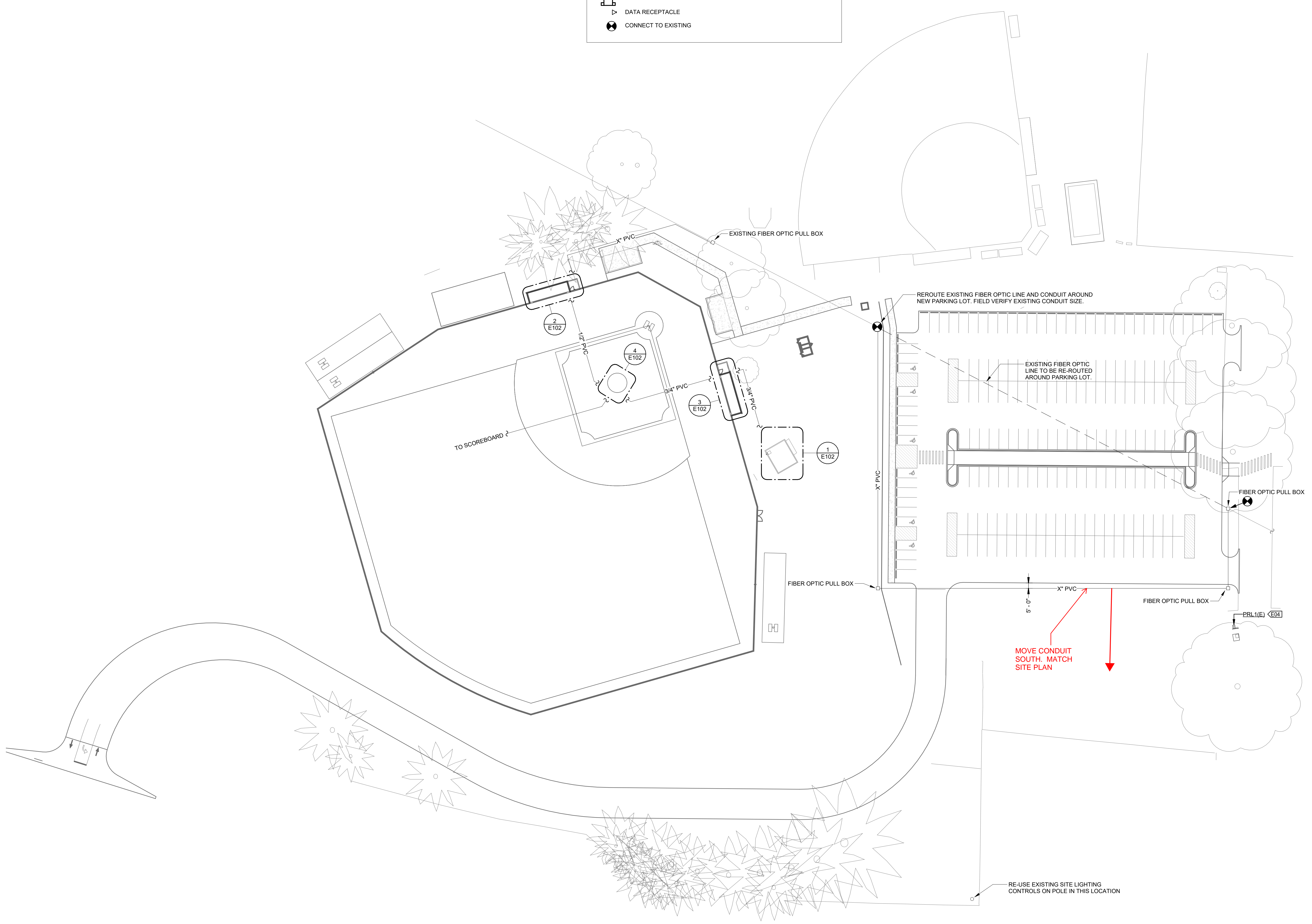
9 WOOD RAFTER BEARING ON CMU WALL - LOW SIDE
 1 1/2" = 1'-0"

GENERAL ELECTRICAL NOTES:

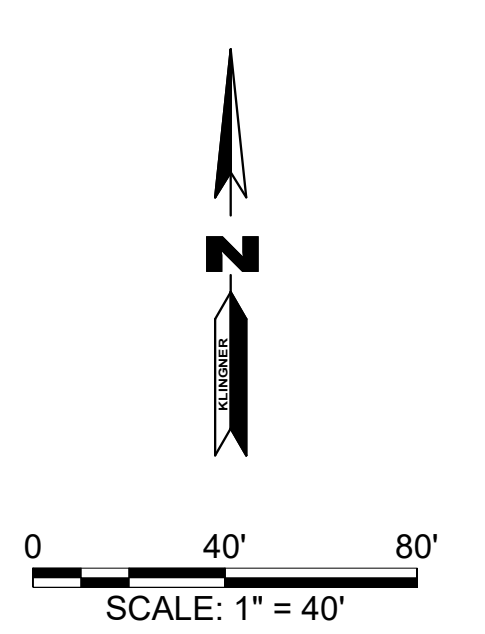
1. APPLICABLE STANDARDS: NFPA-70, NFPA-101, STATE BUILDING CODES, AND THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) OF 1971 AND ALL AMENDMENTS THERETO; EQUIPMENT, DEVICES, APPARATUS, SYSTEMS, AND INSTALLATIONS SHALL BE ENTIRELY SUITABLE AND SAFE FOR EACH INTENDED APPLICATION AND BE IN FULL COMPLIANCE WITH APPLICABLE STANDARDS, REQUIREMENTS, RULES, REGULATIONS, CODES, STATUTES, ORDINANCES, ETC., OF MUNICIPAL, COUNTY, AND STATE GOVERNMENTS, OWNERS INSURANCE COMPANY, LOCAL UTILITIES, AND LABOR REGULATIONS. NOTHING CONTAINED IN THESE PLANS AND SPECIFICATIONS SHALL BE CONSTRUED TO CONFLICT WITH THESE LAWS, CODES, AND ORDINANCES.
2. DRAWINGS ARE SCHEMATIC AND SHOW APPROXIMATE LOCATIONS OF ELECTRICAL EQUIPMENT. EXACT LOCATIONS SHALL BE COORDINATED BY THE CONTRACTOR AND VERIFIED IN THE FIELD PRIOR TO ROUGH-IN.
3. INSTALLATIONS WHICH INCLUDE ELECTRICAL FIXTURES, DEVICES, CONDUIT, SWITCHES, PANELS, HANGERS, WIRE, CABLE, STANDARDS, ETC., MUST BE ENTIRELY SUITABLE FOR TEMPERATURES, HUMIDITY, DAMP AREAS, VOLTAGE, FREQUENCY, AND ALL INSTALLATION CONDITIONS ENCOUNTERED.
4. INSTALLATION MUST BE ENTIRELY SAFE IN EVERY RESPECT, AND MUST NOT CREATE ANY CONDITIONS OF ANY KIND WHICH WILL BE HARMFUL TO ANY OCCUPANT OF THE BUILDING. IF CONTRACTOR BELIEVES THAT INSTALLATION WILL NOT BE SAFE FOR ALL PEOPLE, HE/SHE SHALL SO REPORT IN WRITING TO ENGINEER BEFORE ANY EQUIPMENT IS PURCHASED OR WORK IS INSTALLED, GIVING EXACT RECOMMENDATIONS, AND REASONS FOR THEM.
5. GROUNDING: ALL GROUNDING SHALL BE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC).
6. INSTALLATION OF ELECTRICAL DEVICES SHALL BE COORDINATED WITH OTHER TRADES AS NECESSARY TO PREVENT ANY CONFLICTS DURING CONSTRUCTION.
7. LOW VOLTAGE CONDUIT AND JUNCTION BOXES SHALL BE INSTALLED BY THE CONTRACTOR.
8. WHERE PHONE/DATA OUTLET LOCATIONS ARE INDICATED INSTALL 1" EMT FROM OUTLET BOX (4"x4"x11/2"MIN.) TO TOP OF FINISHED WALL (ABOVE ACT CEILING). FOR OUTLETS LOCATED IN SURFACE MOUNTED RACEWAY, PROVIDE (2) 1" EMT FROM SURFACE RACEWAY BACK BOX TO ABOVE ACT CEILING.
9. EQUIPMENT GROUNDING CONDUCTORS SHALL BE PULLED WITH ALL BRANCH CIRCUITS. CONDUIT SHALL NOT BE USED AS A GROUND U.N.C.
10. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS, ACCESSORIES, TOOLS, EQUIPMENT, TRANSPORTATION, LABOR, SERVICES AND OPERATIONS NECESSARY FOR A COMPLETE ELECTRICAL SYSTEM.
11. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND ARRANGE FOR ALL INSPECTIONS REQUIRED BY STATE OR LOCAL AUTHORITIES.
12. MATERIALS MUST BE NEW, IN FIRST CLASS CONDITION.
13. CONDUIT SHALL BE SEPARATELY HUNG AND ANCHORED, FREE TO EXPAND AND CONTRACT QUIETLY, WITHOUT IMPOSING STRAINS ON STRUCTURE, DEVICES, AND EQUIPMENT. CONDUIT SHALL BE RUN PARALLEL OR PERPENDICULAR TO BUILDING LINES.
14. CONTRACTOR SHALL PERFORM EXCAVATION REQUIRED TO INSTALL HIS WORK.

ELECTRICAL SYMBOLS	
	STANDARD DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER
	DUPLEX GFCI RECEPTACLE WITH WEATHERPROOF ENCLOSURE
	JUNCTION BOX WALL MOUNTED A DISTANCE ABOVE FINISHED FLOOR
	CONDUIT PULL BOX
	SAFETY DISCONNECT SWITCH (FUSED)
	SAFETY DISCONNECT SWITCH (NON-FUSED)
	CIRCUIT BREAKER PANEL
	LINE VOLTAGE POWER CIRCUIT
	CONDUIT SIZE AND TYPE
	CONDUIT TRANSITION DOWN
	BRANCH CIRCUIT HOME RUN
	DATA RACK
	DATA RECEPTACLE
	CONNECT TO EXISTING

KEYNOTE LEGEND	
VALUE	DESCRIPTION
E04	NEW PARKING LOT LIGHTING TO BE CIRCUITED TO PANEL PRL1(E)



1 SITE PLAN
1" = 40'-0"



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REVISION HISTORY		
DESCRIPTION	DATE	APPR

ISSUED FOR: 09/26/2025

DD REVIEW

PRELIMINARY
NOT FOR CONSTRUCTION

NEW ALL PURPOSE FIELD AND PARKING LOT
HALLSVILLE R-IV SCHOOL DISTRICT
411 E. HIGHWAY 124
HALLSVILLE, MO 65255

Non-Reduced Sheet Size 30" x 42"
Full sized plans have been prepared using standard scales. Reduced sized plans may not conform to standard scales.

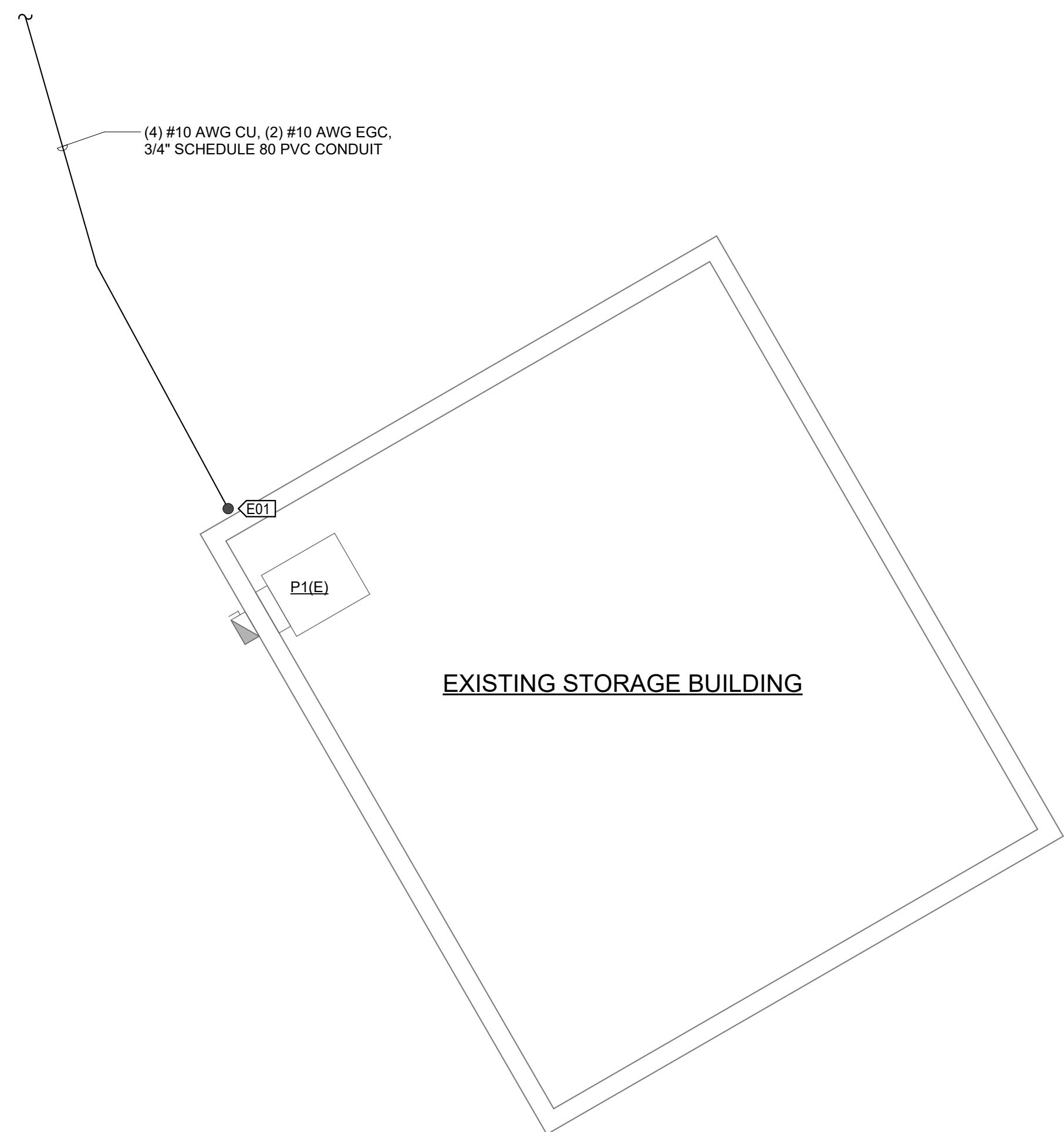
DESIGNED	CRB	DRAWN	CRB
FIELD	FIELD BOOK		
CHECKED	MHB	CHECK DATE	
SHEET TITLE			
SITE ELECTRICAL PLAN			
PROJECT NO. 24-5917			
DRAWING ISSUED DATE: 09/26/25			
SHEET			
E101			

BRANCH PANEL: PRL1(E)													
LOCATION:			VOLTS: 120/208				A.I.C. RATING:						
SUPPLY FROM:			PHASES: 3				PANEL TYPE: MLO						
MOUNTING: SURFACE			WIRES: 4				MAINS RATING: 400 A						
ENCLOSURE: NEMA 1			ACCESSORIES:				MAIN BREAKER: 400 A						
CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	CKT			
1				167 VA	167 VA					2			
3	1ST BASE LIGHTS (E)	20 A	3						3RD BASE LIGHTS (E)	4			
5										6			
7				167 VA	167 VA					8			
9	RIGHT FIELD LINE LIGHTS (E)	60 A	3						LEFT FIELD LINE LIGHTS (E)	10			
11										12			
13				167 VA	167 VA					14			
15	RIGHT FIELD LIGHTS (E)	40 A	3						LEFT FIELD LIGHTS (E)	16			
17										18			
19				167 VA	500 VA				POWER (E)	20			
21	PARKING LOT LIGHTS	20 A	3						SPACE (E)	22			
23									SPACE (E)	24			
25	SPACE	--	1	--	--	--	--	--	SPACE (E)	26			
27	SPACE	--	1	--	--	--	--	--	SPACE (E)	28			
29	SPACE (E)	--	1	--	--	--	--	--	SPACE (E)	30			
31	SPACE (E)	--	1	--	--	--	--	--	SPACE (E)	32			
33	SPACE (E)	--	1	--	--	--	--	--	SPACE (E)	34			
35	SPACE (E)	--	1	--	--	--	--	--	SPACE (E)	36			
37	SPACE (E)	--	1	--	--	--	--	--	SPACE (E)	38			
39	SPACE (E)	--	1	--	--	--	--	--	SPACE (E)	40			
41	SPACE (E)	--	1	--	--	--	--	--	SPACE (E)	42			
PHASE LOAD:				1,667 VA	1,167 VA	1,167 VA	**TOTAL LOAD: 4,000 VA						
PHASE AMPS:				14 A	10 A	10 A	**TOTAL AMPS: 11 A						

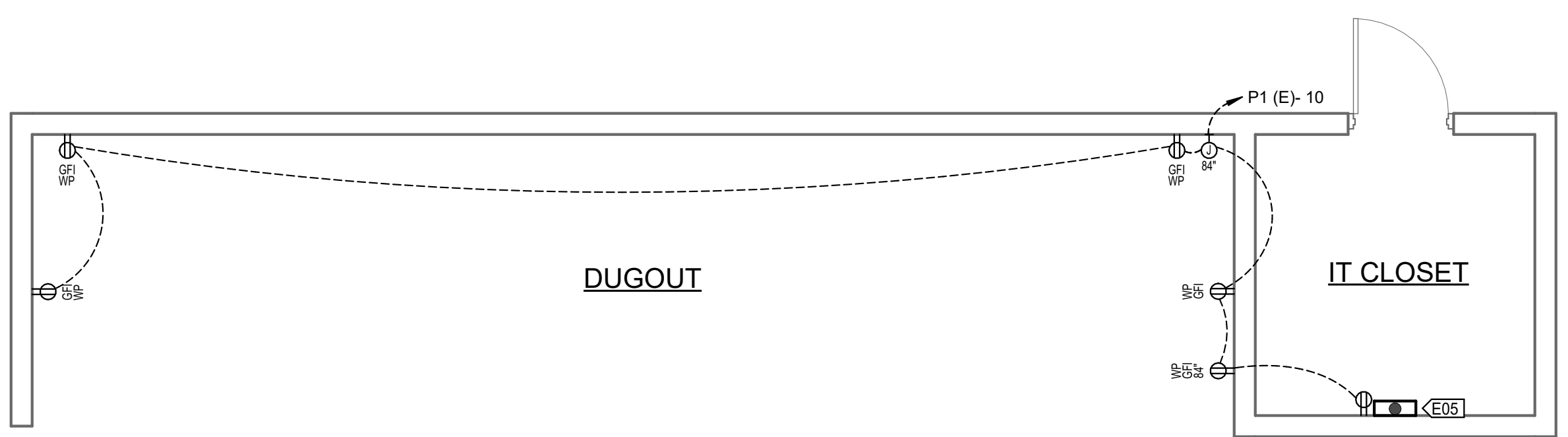
* FIELD VERIFY BREAKER SIZE WITH ACTUAL EQUIPMENT PROVIDED. COORDINATE WITH OTHER CONTRACTORS AS NECESSARY.
 **TOTAL LOAD AND TOTAL AMPS DO NOT INCLUDE DEMAND FACTOR CALCULATIONS.
 BREAKERS/SPACES MARKED '(E)' ARE EXISTING TO REMAIN.

BRANCH PANEL: P1 (E)													
LOCATION: EXISTING STORAGE...			VOLTS: 120/240				A.I.C. RATING:						
SUPPLY FROM:			PHASES: 1				PANEL TYPE: MAIN CB						
MOUNTING: SURFACE			WIRES: 3				MAINS RATING: 100 A						
ENCLOSURE: NEMA 1			ACCESSORIES:				MAIN BREAKER: 100 A						
CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	POLES	TRIP	CIRCUIT DESCRIPTION	CKT				
1	LIGHTS (E)	20 A	1	500 VA	500 VA			1	20 A	LIGHTS (E)	2		
3	RECEPT. (E)	20 A	1	500 VA	500 VA			1	20 A	RECEPT. (E)	4		
5	RECEPT. (E)	20 A	1	500 VA	500 VA			1	20 A	RECEPT. (E)	6		
7										8			
9	BASEBOARD HEAT (E)	20 A	2	250 VA	1,080 VA			1	20 A	3RD BASE DUGOUT / PITCHERS...	10		
11										12			
13										14			
15										16			
17										18			
19										20			
21										22			
23										24			
PHASE LOAD:				3,256 VA	2,861 VA	**TOTAL LOAD: 6,117 VA							
PHASE AMPS:				27 A	24 A	**TOTAL AMPS: 25 A							

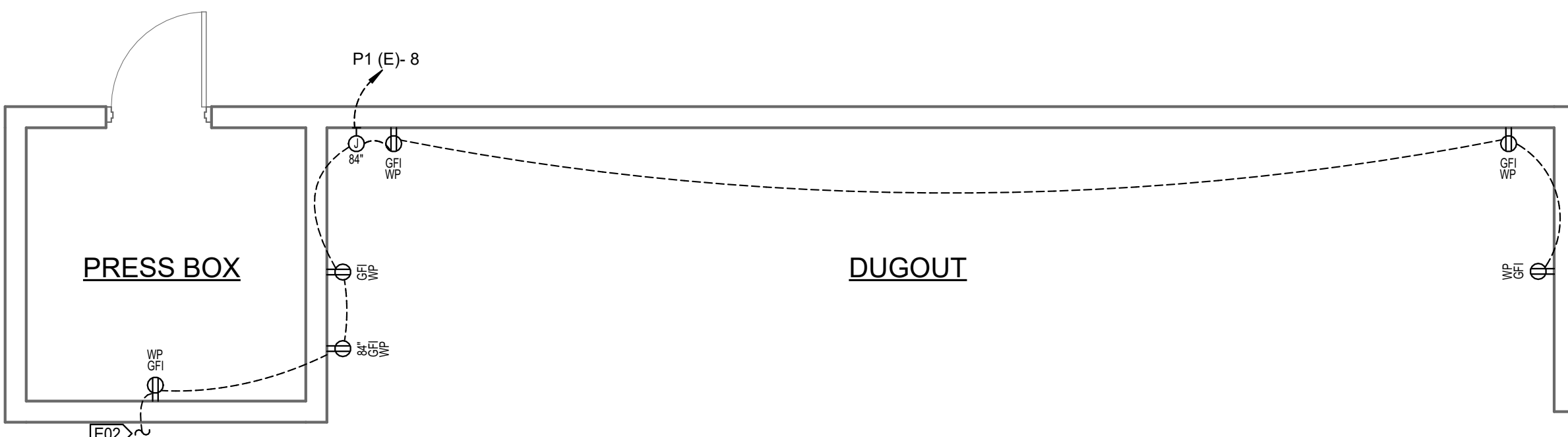
* FIELD VERIFY BREAKER SIZE WITH ACTUAL EQUIPMENT PROVIDED. COORDINATE WITH OTHER CONTRACTORS AS NECESSARY.
 **TOTAL LOAD AND TOTAL AMPS DO NOT INCLUDE DEMAND FACTOR CALCULATIONS.
 BREAKERS MARKED '(E)' ARE EXISTING TO REMAIN.



1 EXISTING STORAGE BUILDING - ENLARGED ELECTRICAL PLAN
1/4" = 1'-0"

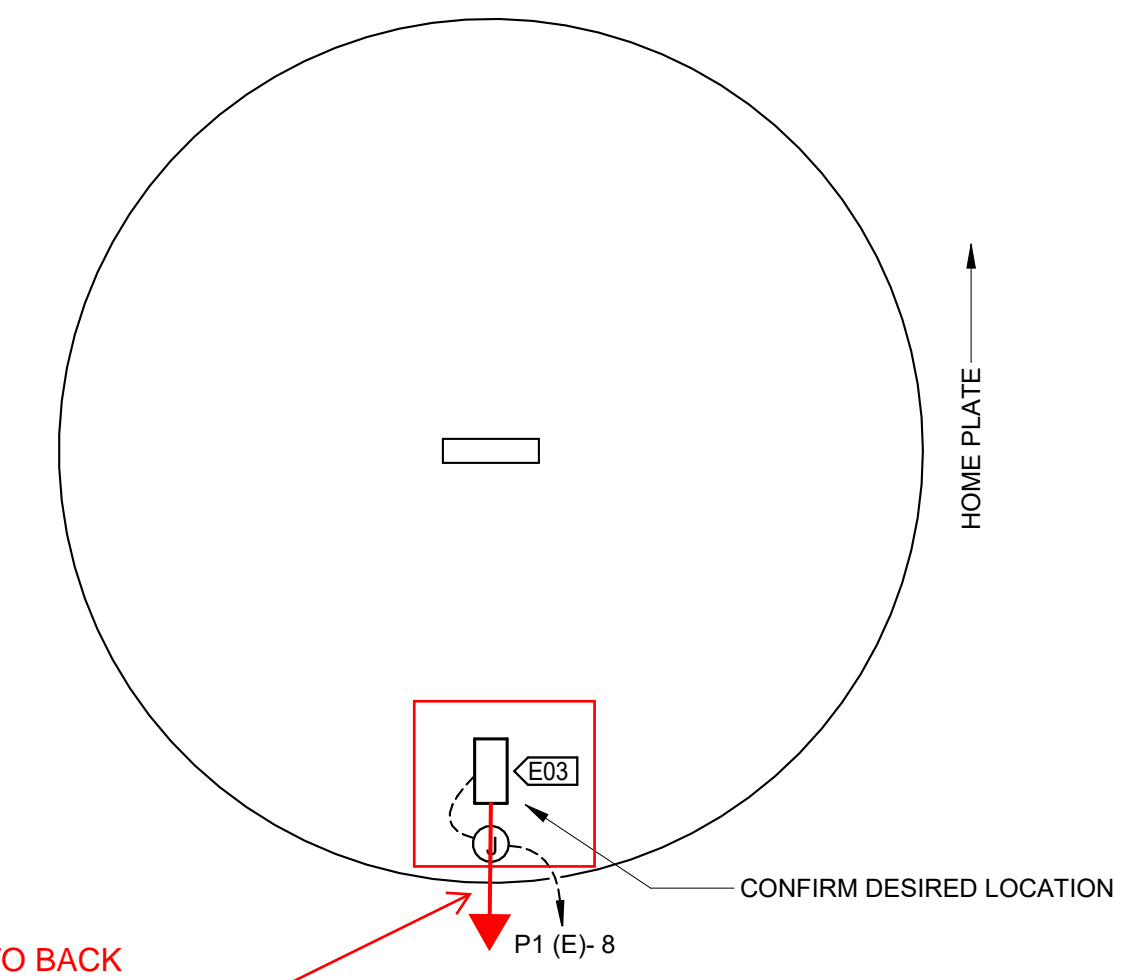


2 1ST BASE DUGOUT - ENLARGED ELECTRICAL PLAN
1/4" = 1'-0"



3 3RD BASE DUGOUT - ENLARGED ELECTRICAL PLAN
1/4" = 1'-0"

VALUE	DESCRIPTION
E01	CONDUIT ROUTED OUT OF EXISTING STORAGE BUILDING AND DOWN BELOW GRADE. COORDINATE INSTALLATION WITH REMOVAL OF CONCRETE SECTION. SEE SITE PLAN FOR CONTINUATION.
E02	WEATHERPROOF GFCI RECEPTACLE TO BE WIRED DIRECTLY UPSTREAM OF PITCHERS MOUND IN-GROUND RECEPTACLE BOX. SEE 41E102 FOR DETAILS.
E03	TYPE 6P NEMA ENCLOSURE, IP68 RATED OUTDOOR GROUND BOX WITH (2) NEMA 5-20R LOCKING DUPLEX RECEPTACLES, EQUAL TO LEGRAND XB814. COORDINATE OUTDOOR GROUND BOX WITH BASEBALL PITCHERS MOUND LOCATION. GROUND TO BE COVERED WITH TURF FIELD. COORDINATE WITH FIELD INSTALLATION.
E05	X" RMC UP THROUGH FLOOR. FIBER OPTIC CABLE TO OUTDOOR RATED IT CABINET. CABINET TO BE PROVIDED BY OWNER.



4 PITCHERS MOUND - ENLARGED ELECTRICAL PLAN
1/4" = 1'-0"

REVISION HISTORY			
NO.	DESCRIPTION	DATE	APPR.

ISSUED FOR: 09/26/2025

DD REVIEW

PRELIMINARY
NOT FOR CONSTRUCTION

NEW ALL PURPOSE FIELD AND PARKING LOT
 HALLSVILLE R-IV SCHOOL DISTRICT
 411 E. HIGHWAY 124
 HALLSVILLE, MO 65255

Non-Reduced Sheet Size 30" x 42"	
Full sized plans have been prepared using standard scales.	
Reduced sized plans may not conform to standard scales.	
DESIGNED: CRB	DRAWN: CRB
FIELD: MHB	FIELD BOOK: MHB
CHECKED: MHB	CHECK DATE: 09/26/25
SHEET TITLE: ELECTRICAL SCHEDULES & DETAILS	
PROJECT NO: 24-5917	
DRAWING ISSUED DATE: 09/26/25	
SHEET: E102	