

NEW ALL PURPOSE FIELD AND PARKING LOT HALLSVILLE R-IV SCHOOL DISTRICT

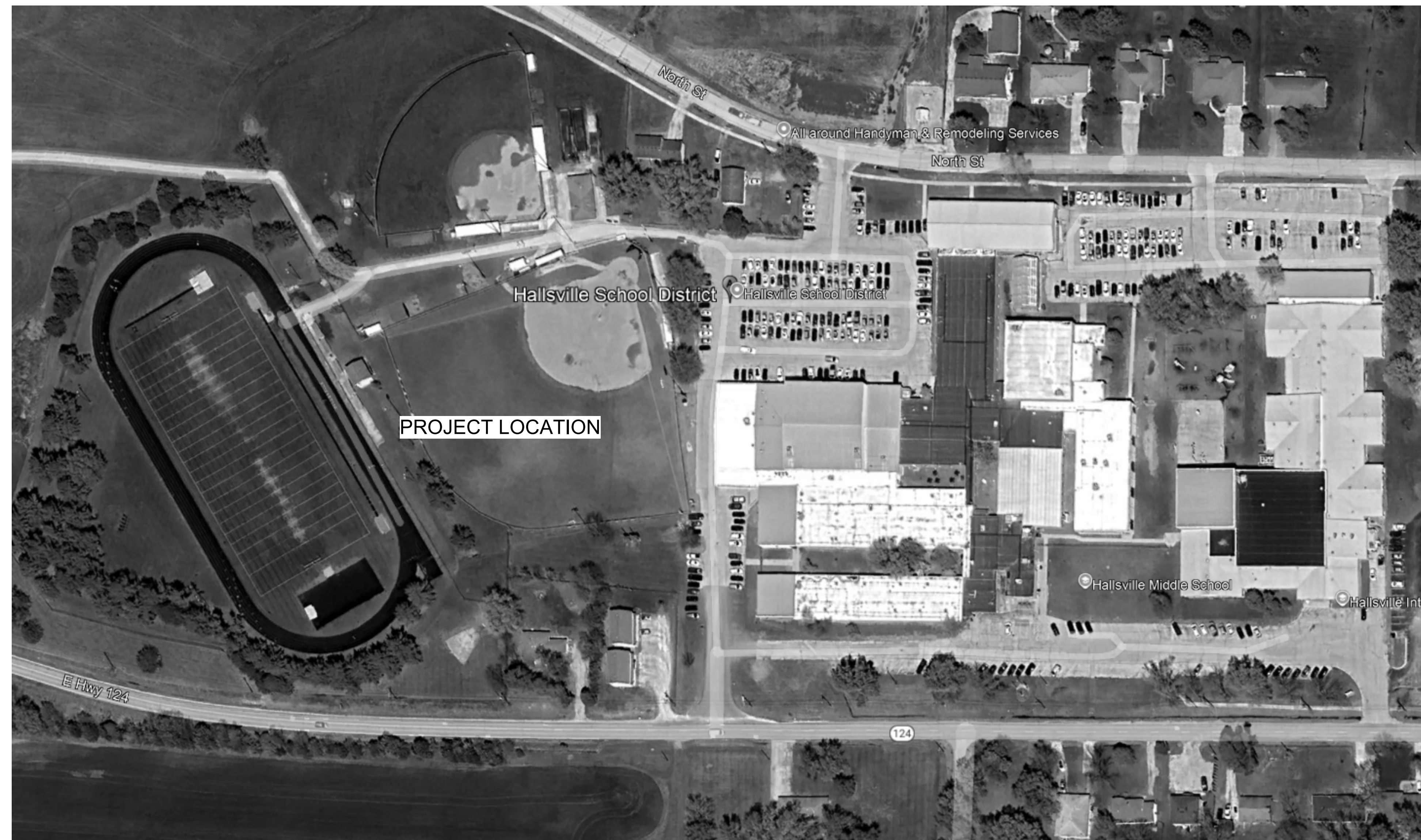
411 E. HIGHWAY 124
HALLSVILLE, MO 65255

SCHOOL BOARD

CRAIG STEVENSON	PRESIDENT
JESSICA HASSLER	VICE PRESIDENT
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ADA THARP	BOARD SECRETARY
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TYLER WALKER	SUPERINTENDENT

OWNER APPROVAL
TYLER WALKER, SUPERINTENDENT

DATE



LOCATION MAP
N.T.S.

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Know what's below.
Call before you dig.

---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 1-80-344-7483 AND THE INDIVIDUAL UTILITIES NOT INCLUDED IN THIS SYSTEM FOR THE LOCATION OF ALL EXISTING UTILITIES.



KLINGNER
& ASSOCIATES, P. C.

Engineers • Architects • Surveyors

Columbia, Missouri www.klingner.com
3622 Endeavor Ave, Suite 117
573.355.5988

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 STOOPS.
- 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 6-9 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

LANDSCAPE REQUIREMENTS

SCREENING AND LANDSCAPE REQUIREMENTS DEFINED IN SECTION 400.590 OF THE HALLSVILLE MUNICIPAL CODE ARE NOT INCLUDED IN THESE PLANS. THE HALLSVILLE R-IV SCHOOL DISTRICT WILL BE RESPONSIBLE FOR LANDSCAPING TO MEET THE REQUIREMENTS OF THE CODE.

PARKING REQUIREMENTS

HIGH SCHOOL, ONE (1) SPACE FOR EACH EMPLOYEE AND ONE (1) SPACE FOR EVERY FIVE (5) SEATS IN THE GYM AND/OR AREA COMMONS DEDICATED FOR THE USAGE OF THAT SCHOOL. ANY GYM FACILITY UTILIZED AS THE LOCATION FOR THE PLAYING OF EXTRACURRICULAR SPORTING EVENTS SHALL BE REQUIRED TO MEET THE ADDITIONAL PARKING REQUIREMENTS OF THE SCHOOL UTILIZING THE FACILITY FOR THOSE EVENTS.

PROPOSED PARKING IS IN ADDITION TO THE EXISTING PARKING LOTS SERVING THE HIGH SCHOOL.

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

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UTILITY INFORMATION:

WATER:
CITY OF HALLSVILLE: 573-696-3885
PWSD #4: 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 CHIPMAN RD.
STE 5750
LEES SUMMIT, MO 64063
CELL: 816-716-4514
mark.mcferran@bluebirdnetwork.com

LEGEND

EXISTING	PROPOSED	PROPERTY LINE
---	---	LOT LINE
---	---	RIGHT OF WAY LINE
---	---	CENTERLINE
---	---	EASEMENT
---	---	BUILDING SETBACK
---	---	CONSTRUCTION LIMITS
-X-	-X-	FENCE LINE
-O-	-O-	CHAIN LINK FENCE
-□-	-□-	FENCE W/ SQUARE POSTS
----	----	STREAM
////	////	STRUCTURE
---	---	PAVEMENT MARKINGS
---	---	EDGE OF PAVEMENT
---	---	CURB AND GUTTER
W W	W W	RAILROAD TRACKS
FP FP	FP FP	WATER LINE
G G	G G	FIRE PROTECTION
OE OE	OE OE	GAS LINE
UE UE	UE UE	OVERHEAD ELECTRIC
OT OT	OT OT	UNDERGROUND ELECTRIC
UT UT	UT UT	OVERHEAD TELEPHONE
CATV CATV	CATV CATV	UNDERGROUND TELEPHONE
FO FO	FO FO	CABLE TELEVISION
COM COM	COM COM	FIBER OPTIC
ST ST	ST ST	COMMUNICATION LINE
SAND SAND	SAND SAND	STORM SEWER
FM FM	FM FM	SANITARY SEWER
ST-SW	ST-SW	FORCE MAIN
IR IR	IR IR	COMBINED SEWER
		IRRIGATION SYSTEM
		MAST ARM SIGNAL (3 SIGNALS)
		MAST ARM SIGNALS (2 SIGNALS)
		UTILITY TRAFFIC SIGN
		SIGN
		MANHOLE
		STORM WATER INLET
		CATCH BASIN
		CLEANOUT
		CULVERT
		BOX CULVERT
		WATER VALVE
		FIRE HYDRANT
		POST INDICATOR VALVE
		WATER METER
		GAS VALVE
		GAS METER
		TELEPHONE PEDESTAL
		CABLE TV PEDESTAL
		ELECTRIC METER
		UTILITY POLE
		LIGHT STANDARD
		LIGHT POLE
		GUY WIRE
		SUMMIT / HIGH POINT
		CONTOURS
		INDEX CONTOURS
		DIRECTION OF DRAINAGE
		SPOT ELEVATION
		DECIDUOUS SHRUB
		DECIDUOUS TREE
		CONIFEROUS SHRUB
		CONIFEROUS TREE

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REVISION HISTORY

NO.	DESCRIPTION	DATE	AUTH.

Klingner & Associates, P.C.
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No. E-000896
ISSUED FOR: 11/14/2025

BIDDING DOCUMENTS



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/DDR
FIELD	FIELD BOOK
MAN/FGH	H0305
CHECKED	CHECK DATE
CSW	11/11/2025

SHEET TITLE
GENERAL NOTES & LEGEND

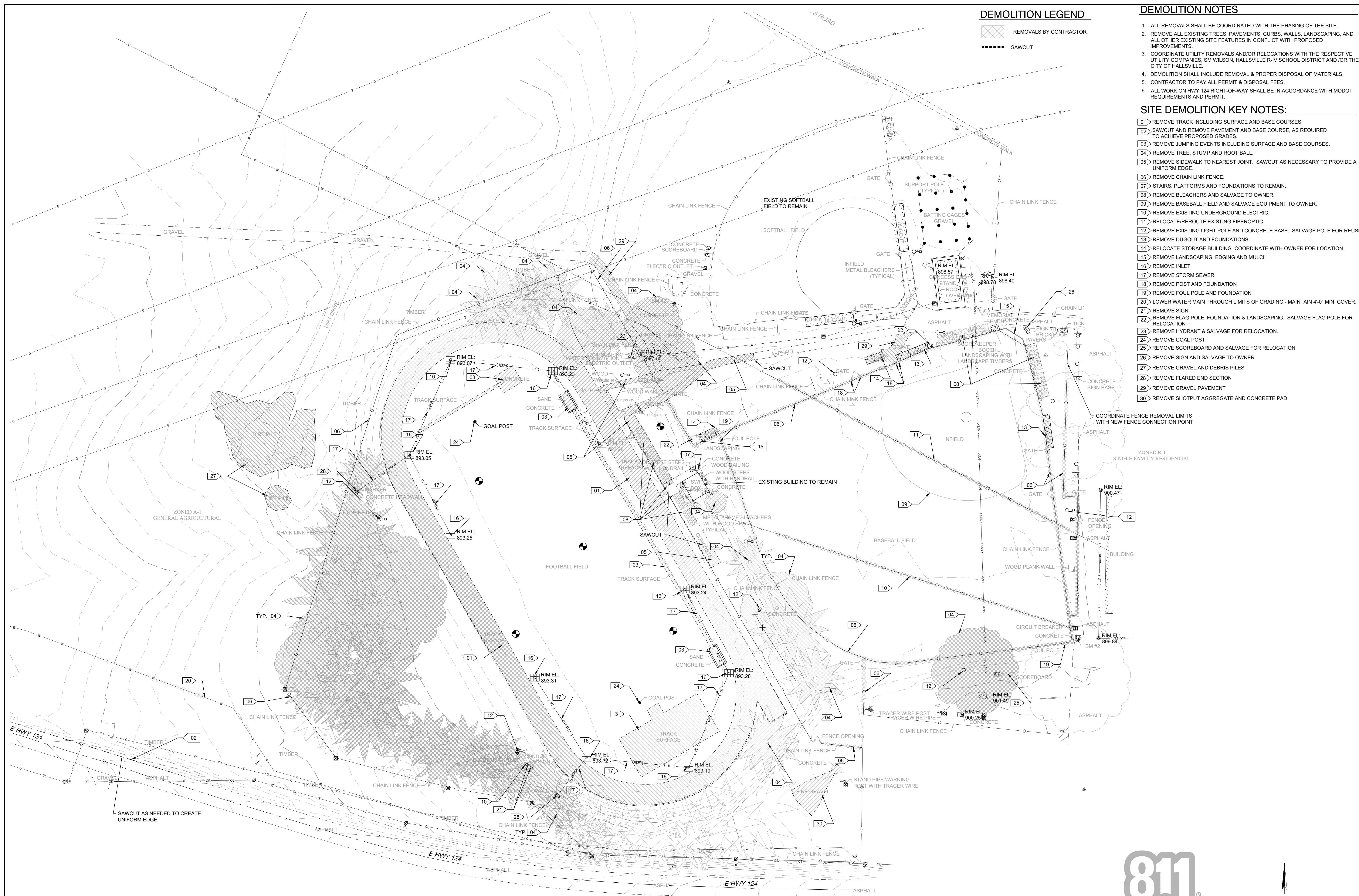
PROJECT NO:
24-5017
DRAWING ISSUED DATE:
11/14/2025

SHEET
C001



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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.
5. CONTRACTOR TO PAY ALL PERMIT & DISPOSAL FEES.
6. 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.
- 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, EDGING AND MULCH.
- 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 - MAINTAIN 4'-0" MIN. COVER.
- 21 REMOVE SIGN.
- 22 REMOVE FLAG POLE, FOUNDATION & LANDSCAPING. SALVAGE FLAG POLE FOR RELOCATION.
- 23 REMOVE HYDRANT & SALVAGE FOR RELOCATION.
- 24 REMOVE GOAL POST.
- 25 REMOVE SCOREBOARD AND SALVAGE FOR RELOCATION.
- 26 REMOVE SIGN AND SALVAGE TO OWNER.
- 27 REMOVE GRAVEL AND DEBRIS PILES.
- 28 REMOVE FLARED END SECTION.
- 29 REMOVE GRAVEL PAVEMENT.
- 30 REMOVE SHOTPUT AGGREGATE AND CONCRETE PAD.

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REVISION HISTORY

NO.	DESCRIPTION	DATE	APP'D.

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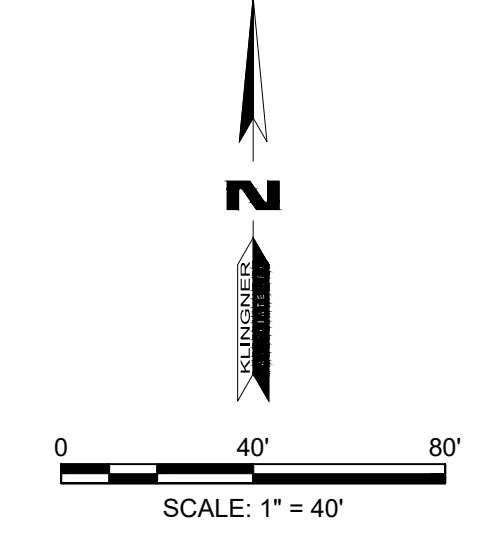
BIDDING DOCUMENTS



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



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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

SITE DEMOLITION PLAN

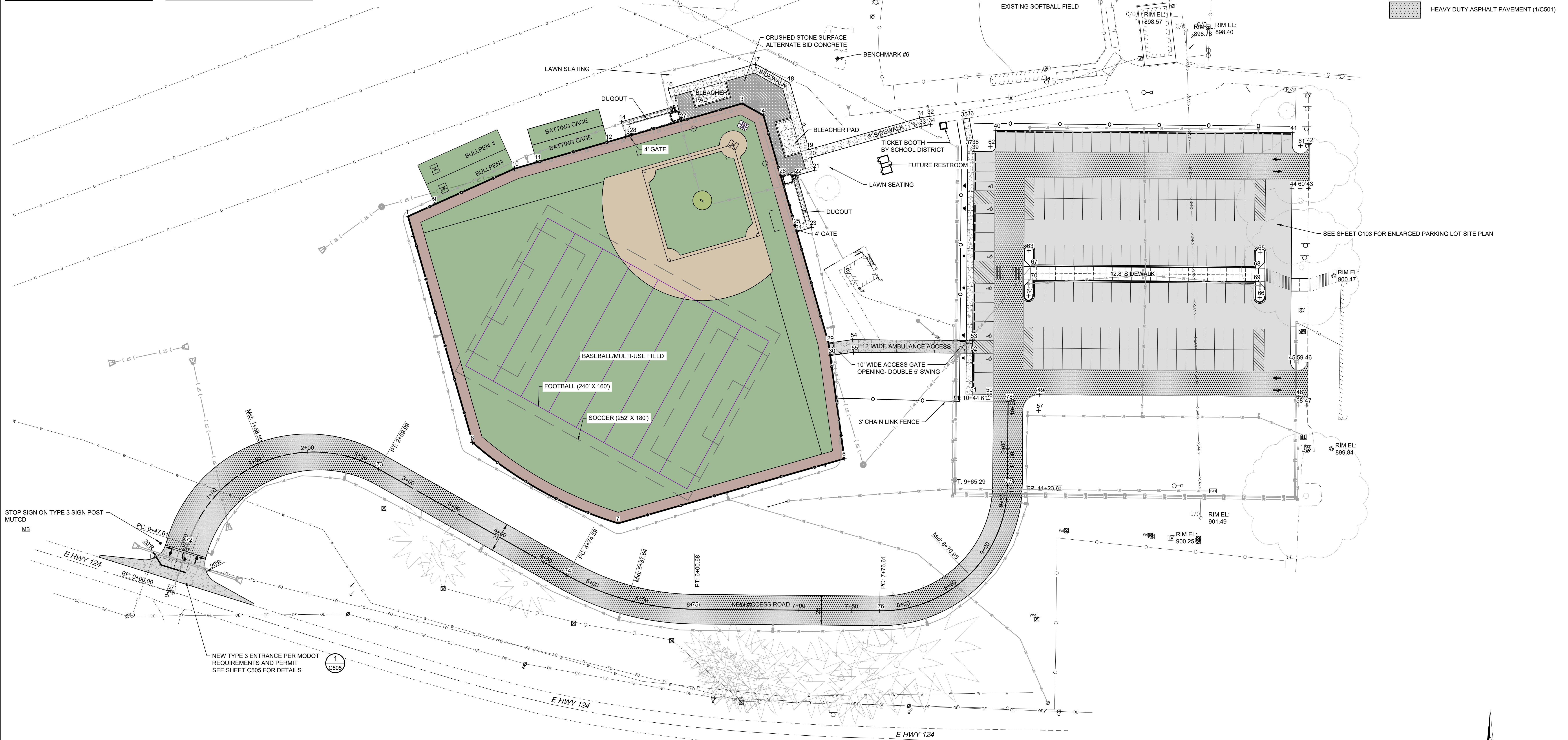
DESIGNED: DCD	DRAWN: DCD/DDR
FIELD: MAN/JTG	FIELD BOOK: H2035
CHECKED: CSW	CHECK DATE: 11/11/2025
SHEET TITLE	
PROJECT NO: 24-5017	
DRAWING ISSUED DATE: 11/14/2025	
SHEET	
CD101	

COORDINATE POINTS			
POINT #	DESC.	NORTHING	EASTING
1	01	1196497.4233	1716657.2947
2	02	1196542.6080	1716758.1723
3	03	1196604.3033	1716973.8539
4	04	1196593.1372	1716983.9567
5	05	1196377.4497	1717055.6006
6	06	1196267.9339	1717070.5749
7	07	1196206.7131	1716856.3828
8	08	1196283.3017	1716718.4947
9	09	1196509.3844	1716682.7428
10	10	1196543.0922	1716758.0469
11	11	1196549.1635	1716779.2548
12	12	1196568.4288	1716846.5515
13	13	1196573.2461	1716863.3794
14	14	1196587.0311	1716859.4407
15	15	1196601.1374	1716908.7976
16	16	1196618.1235	1716903.9432
17	17	1196641.7220	1716986.5106
18	18	1196623.6566	1717019.0350
19	19	1196560.7095	1717037.0259
20	20	1196553.0175	1717039.2244

COORDINATE POINTS			
POINT #	DESC.	NORTHING	EASTING
21	21	1196541.0875	1717042.6341
22	22	1196536.2325	1717025.6471
23	23	1196486.8755	1717039.7538
24	24	1196482.9366	1717025.9723
25	25	1196488.7056	1717024.3235
26	26	1196536.1397	1717010.7668
27	27	1196588.4546	1716916.5822
28	28	1196574.8976	1716969.1482
29	29	1196377.5993	1717056.0779
30	30	1196365.7105	1717057.7078
31	31	1196590.6469	1717141.7718
32	32	1196592.1750	1717151.0410
33	33	1196582.8283	1717143.5275
34	34	1196584.2816	1717152.3423
35	35	1196589.6110	1717182.9518
36	36	1196590.6400	1717188.8629
37	37	1196563.1302	1717187.5615
38	38	1196563.6256	1717193.5655
39	39	1196558.7924	1717193.5284
40	40	1196578.8857	1717214.0034

COORDINATE POINTS			
POINT #	DESC.	NORTHING	EASTING
41	41	1196576.7270	1717494.9951
42	42	1196565.3976	1717510.4885
43	43	1196523.8188	1717510.1690
44	44	1196523.9385	1717494.5895
45	45	1196359.5234	1717493.3264
46	46	1196359.4037	1717508.9059
47	47	1196318.6149	1717508.5925
48	48	1196326.6761	1717500.6542
49	49	1196328.5608	1717255.3415
50	50	1196328.9340	1717206.7629
51	51	1196329.0492	1717191.7634
52	52	1196367.7981	1717192.0610
53	53	1196379.7977	1717192.1532
54	54	1196380.6691	1717078.4697
55	55	1196368.6666	1717079.2703
56	56	1196323.9341	1717206.7245
57	57	1196313.5656	1717254.6463
58	58	1196318.6763	1717500.5928
59	59	1196359.4635	1717501.1181
60	60	1196523.8787	1717502.3793

COORDINATE POINTS			
POINT #	DESC.	NORTHING	EASTING
61	61	1196564.4575	1717502.6910
62	62	1196563.6746	1717208.8863
63	63	1196465.0612	1717245.3898
64	64	1196422.2225	1717245.0607
65	65	1196463.3776	1717464.5434
66	66	1196420.5388	1717464.2143
67	67	1196450.0309	1717249.2745
68	68	1196448.4087	1717460.4282
69	69	1196435.5691	1717460.3296
70	70	1196437.1913	1717249.1758
71	CL1	1196141.4566	1716434.4146
72	CL2	1196186.8684	1716448.7257
73	CL3	1196258.1741	1716629.3532
74	CL4	1196157.6644	1716807.5589
75	CL5	1196125.4281	1716928.0833
76	CL6	1196123.8162	1717104.0065
77	CL7	1196242.8893	1717225.1024
78	CL8	1196322.2082	1717225.7118



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)

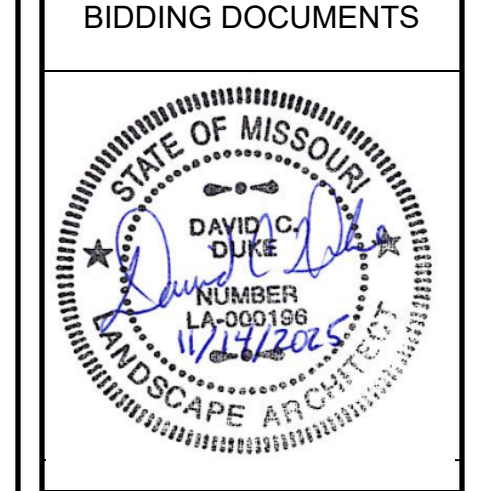
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 Davenport, IA, 52002
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BIDDING DOCUMENTS



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/DDR
FIELD: MAN/FGH	FIELD BOOK: H25/55
CHECKED: CSW	CHECK DATE: 11/11/2025

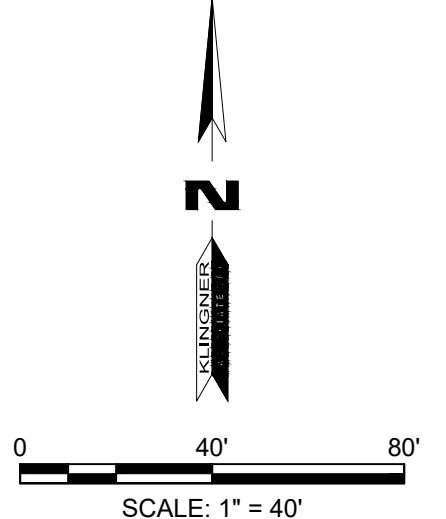
SHEET TITLE

OVERALL SITE PLAN

PROJECT NO: 24-5017
 DRAWING ISSUED DATE: 11/14/2025
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





PAVEMENT JOINT LEGEND

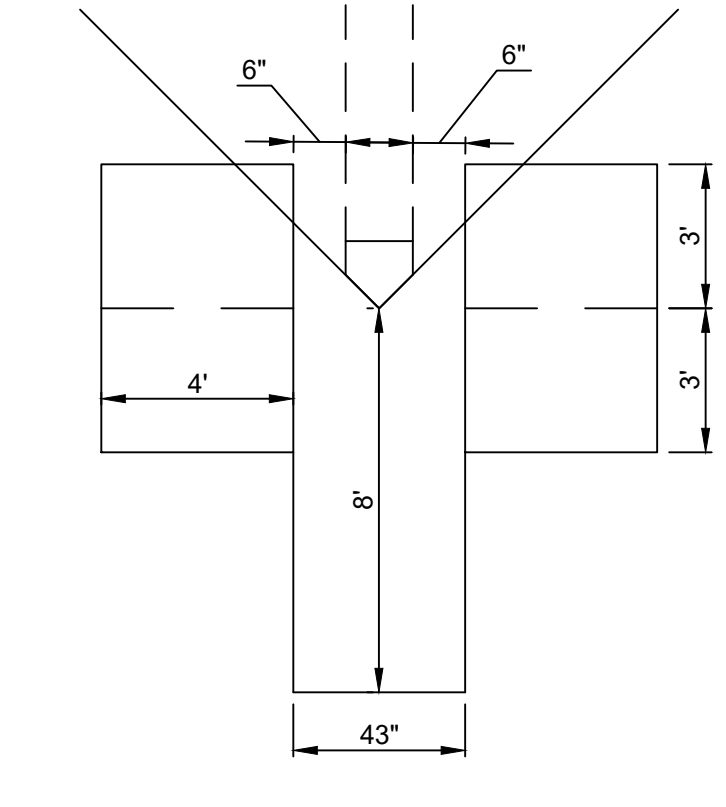
---	EJ - EXPANSION JOINT
- - - -	TJ - TIED JOINT
- - - -	SJ - SAWED JOINT
- - - -	DJ - DOWELLED JOINT

PAVEMENT HATCH LEGEND

[Hatch]	ASPHALT PAVEMENT(1/C501)
[Hatch]	7" CONCRETE PAVEMENT (2/C501)
[Hatch]	5" SIDEWALK (2/C501)
[Hatch]	HEAVY DUTY ASPHALT PAVEMENT (1/C501)

TURF HATCH LEGEND

[Hatch]	INFIELDOUTFIELD (SINGLE COLOR: TO BE SELECTED BY OWNER FROM MANUFACTURER'S STANDARD COLORS)
[Hatch]	WARNING TRACK TURF (SINGLE COLOR: TO BE SELECTED BY OWNER FROM MANUFACTURER'S STANDARD COLORS)
[Hatch]	INFIELD TURF (SINGLE COLOR: TO BE SELECTED BY OWNER FROM MANUFACTURER'S STANDARD COLORS)
[Hatch]	STENCILED FOOTBALL LINES
[Hatch]	STENCILED SOCCER LINES



1 CATCHERS BOX AND BATTERS BOX
N.T.S.

NEW ACCESS ROAD (SEE SHEET C104)
 $\Delta=101.56'$
 $T=154.17'$
 $R=125.000'$
 $L=222.38'$
 $CD=194.19'$
 $E=154.17'$

$\Delta=028.54'$
 $T=64.42'$
 $R=250.000'$
 $L=126.09'$
 $CD=124.76'$
 $E=64.42'$

SEE SHEET C104 FOR ROAD PLAN AND PROFILE

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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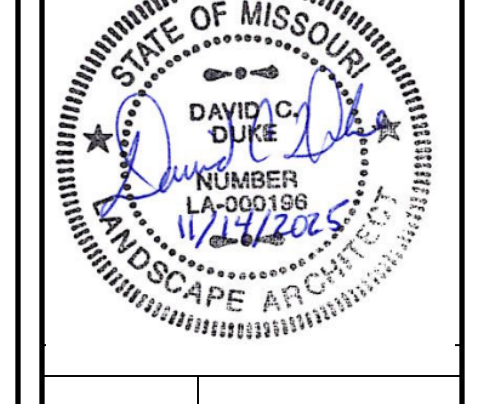
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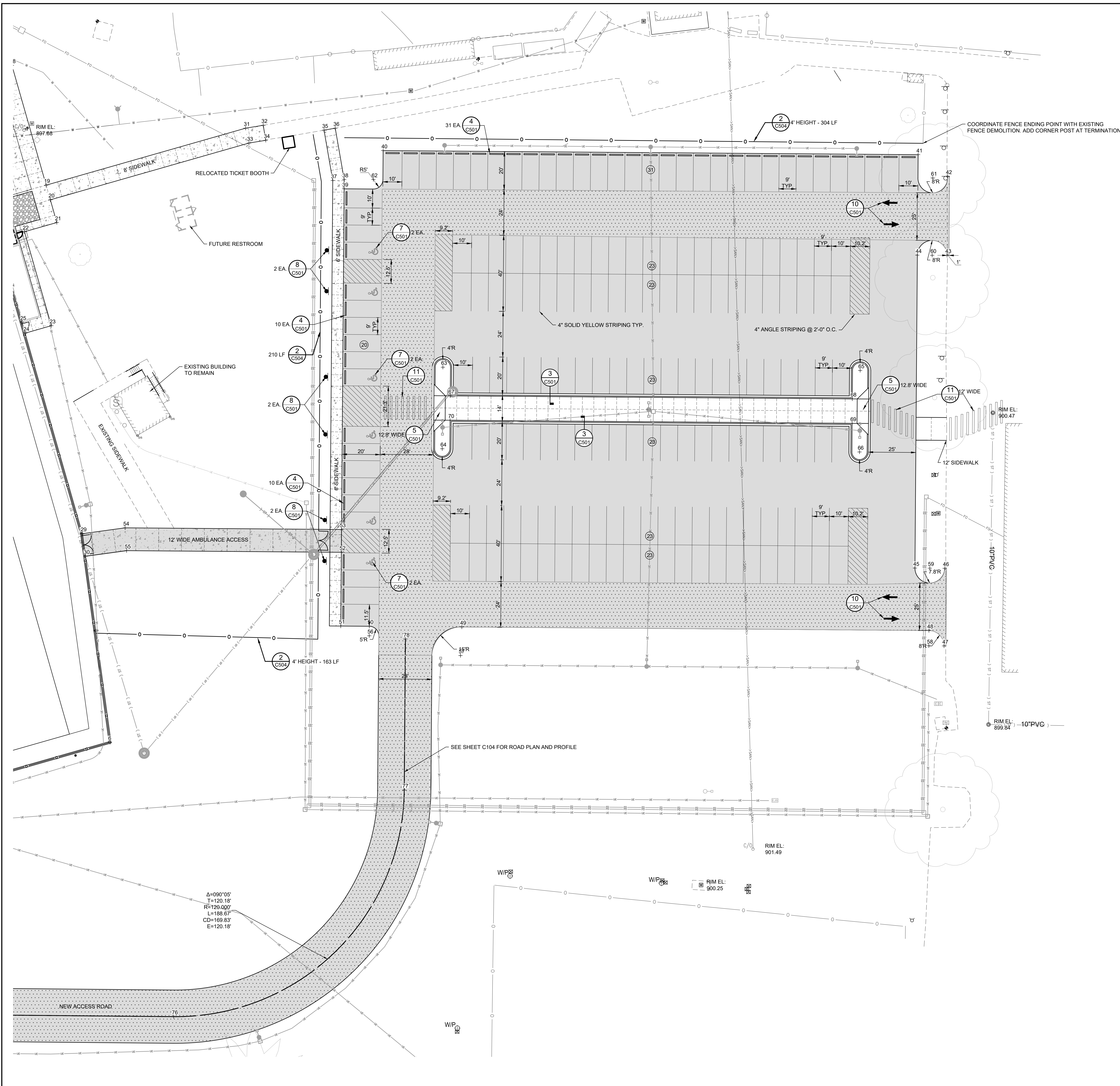


NEW ALL PURPOSE FIELD AND PARKING LOT
HALLSVILLE R-IV SCHOOL DISTRICT
 411 E. HIGHWAY 124
 HALLSVILLE, MO 65255

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.

DESIGNED	DCD	DRAWN	DCD/DDR
FIELD	MAN/TFGH	FIELD BOOK	H2055
CHECKED	CSW	CHECK DATE	11/11/2025

SHEET TITLE
ENLARGED FIELD SITE PLAN
 PROJECT NO. 24-5017
 DRAWING ISSUED DATE: 11/14/2025
 SHEET
C102



- 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"
 Full sized plans have been prepared using standard scales. Reduced size plans may not conform to standard scales.

DESIGNED: DCD	DRAWN: DCD/DDR
FIELD: MAN/FGH	FIELD BOOK: H2535
CHECKED: CSW	CHECK DATE: 11/11/2025

SHEET TITLE

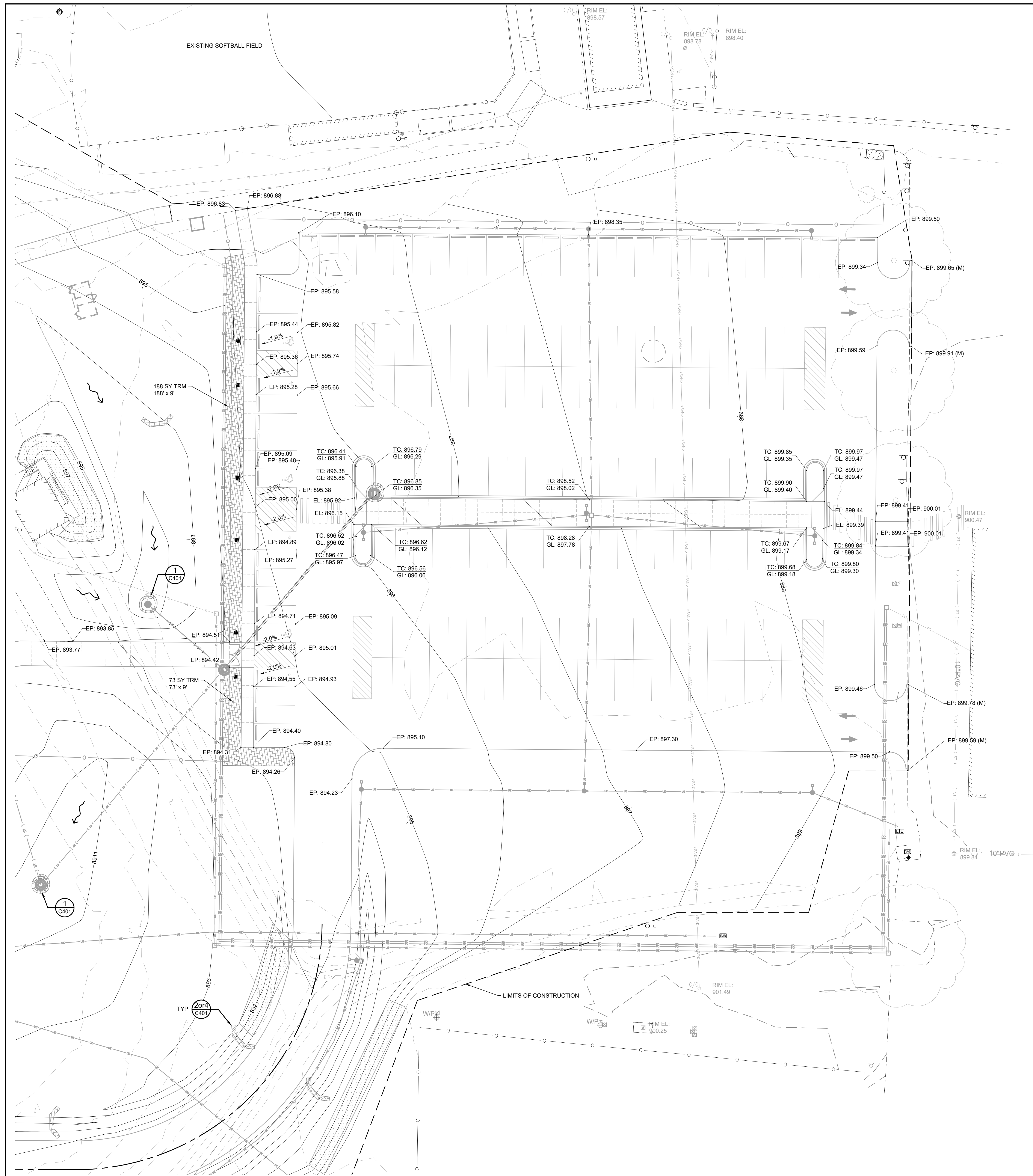
ENLARGED PARKING LOT SITE PLAN

PROJECT NO: 24-5017
 DRAWING ISSUED DATE: 11/14/2025

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)
		SHEAR STRESS: 10 LB/SF
		VELOCITY: MIN. 10 FT/SEC
		RIP RAP
		SHORT TERM SLOPE
		EROSION CONTROL BLANKET

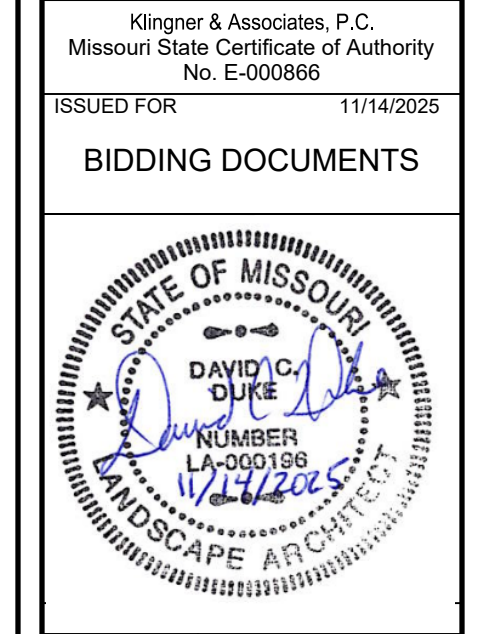
LEGEND

KLINGNER & ASSOCIATES, P.C.
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 ISSUED FOR: 11742025
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NEW ALL PURPOSE FIELD AND PARKING LOT
HALLSVILLE R-IV SCHOOL DISTRICT
 411 E. HIGHWAY 124
 HALLSVILLE, MO 65255

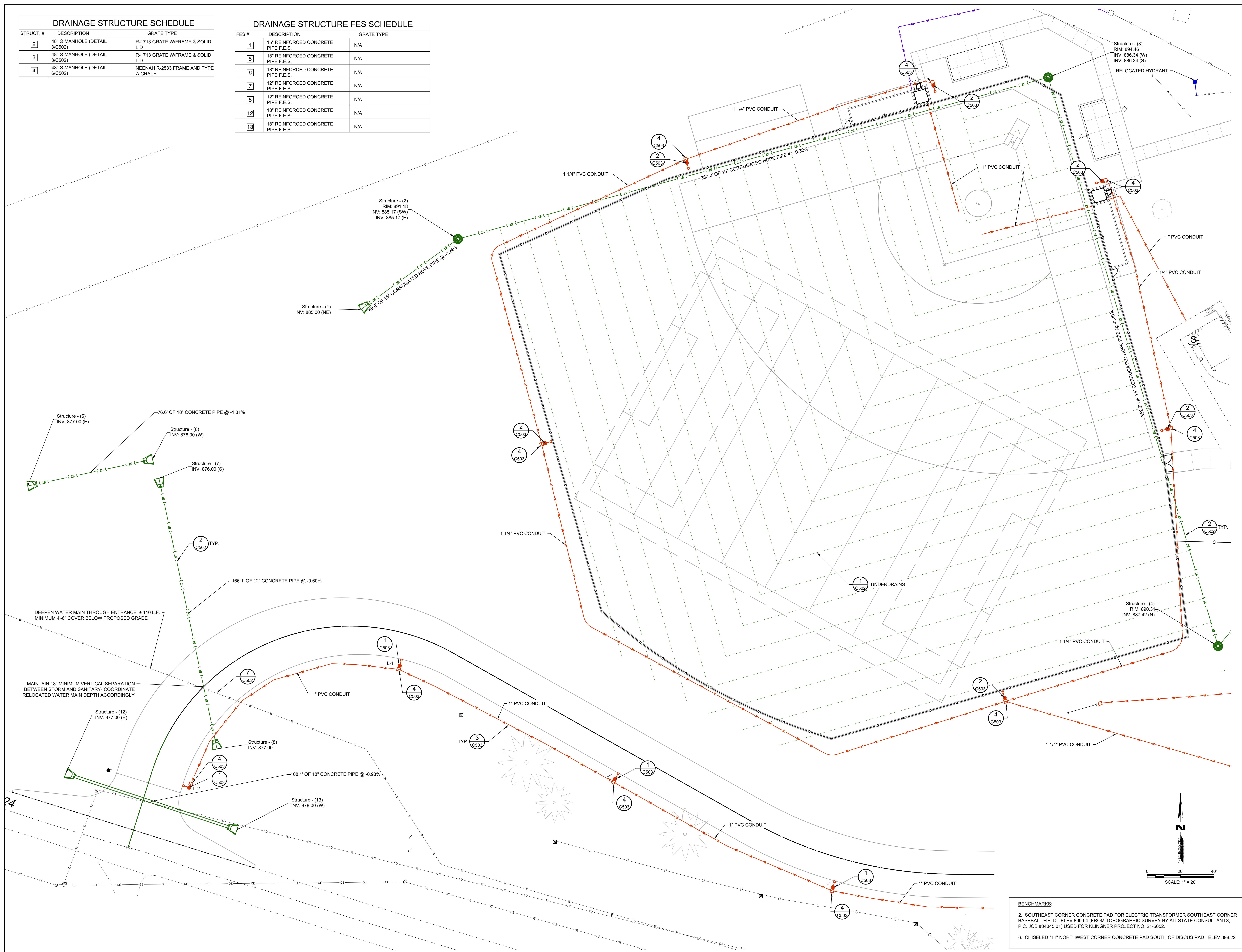
Non-Reduced Sheet Size: 30" x 42"	
Full sized plans have been prepared using standard scales. Reduced size plans may not conform to standard scales.	
DESIGNED: DCD	DCD/DDR
FIELD: MAN/FGH	FIELD BOOK: H2505
CHECKED: CSW	CHECK DATE: 11/11/2025
SHEET TITLE	

ENLARGED GRADING & EROSION CONTROL PLAN - EAST
 PROJECT NO: 24-5017
 DRAWING ISSUED DATE: 11/14/2025
 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 "□" NORTHWEST CORNER CONCRETE PAD SOUTH OF DISCUS PAD - ELEV 898.22

DRAINAGE STRUCTURE SCHEDULE		
STRUCT. #	DESCRIPTION	GRATE TYPE
2	48" Ø MANHOLE (DETAIL 3/C502)	R-1713 GRATE W/FRAME & SOLID LID
3	48" Ø MANHOLE (DETAIL 3/C502)	R-1713 GRATE W/FRAME & SOLID LID
4	48" Ø MANHOLE (DETAIL 6/C502)	NEENAH R-2533 FRAME AND TYPE A GRATE

DRAINAGE STRUCTURE FES SCHEDULE		
FES #	DESCRIPTION	GRATE TYPE
1	15" REINFORCED CONCRETE PIPE F.E.S.	N/A
5	18" REINFORCED CONCRETE PIPE F.E.S.	N/A
6	18" REINFORCED CONCRETE PIPE F.E.S.	N/A
7	12" REINFORCED CONCRETE PIPE F.E.S.	N/A
8	12" REINFORCED CONCRETE PIPE F.E.S.	N/A
12	18" REINFORCED CONCRETE PIPE F.E.S.	N/A
13	18" REINFORCED CONCRETE PIPE F.E.S.	N/A



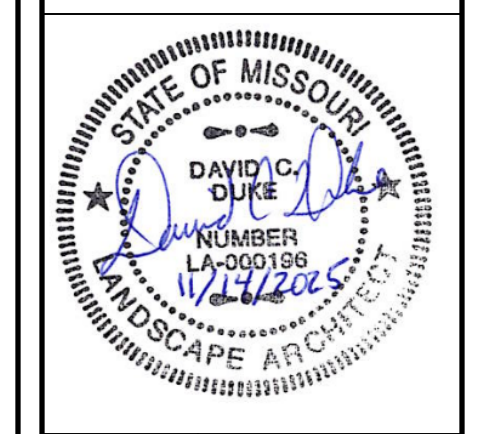
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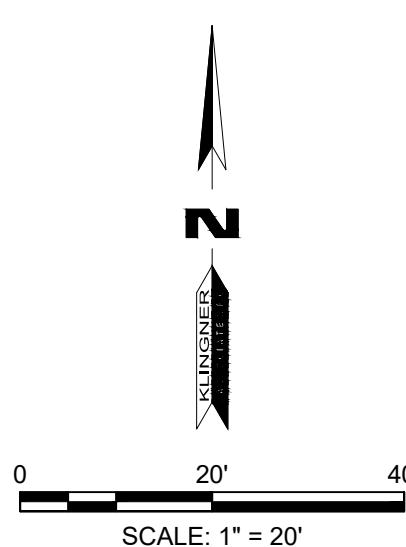
NEW ALL PURPOSE FIELD AND PARKING LOT
HALLSVILLE R-IV SCHOOL DISTRICT
411 E. HIGHWAY 124
HALLSVILLE, MO 65255

DESIGNED	DCD/DDR
FIELD	FIELD BOOK
MAN/UTGH	H2505
CHECKED	CHECK DATE
CSW	11/11/2025

ENLARGED SITE UTILITY PLAN - WEST

PROJECT NO.	24-5017
DRAWING ISSUED DATE:	11/14/2025
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

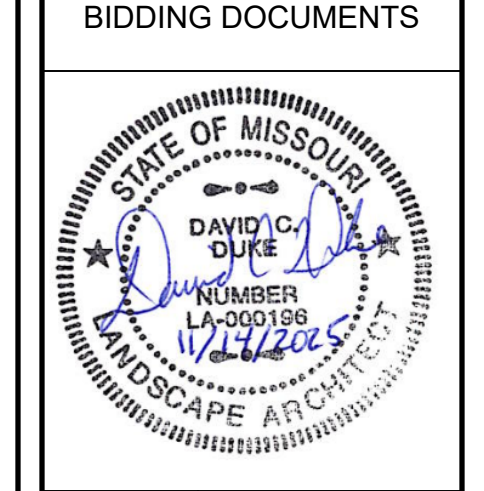


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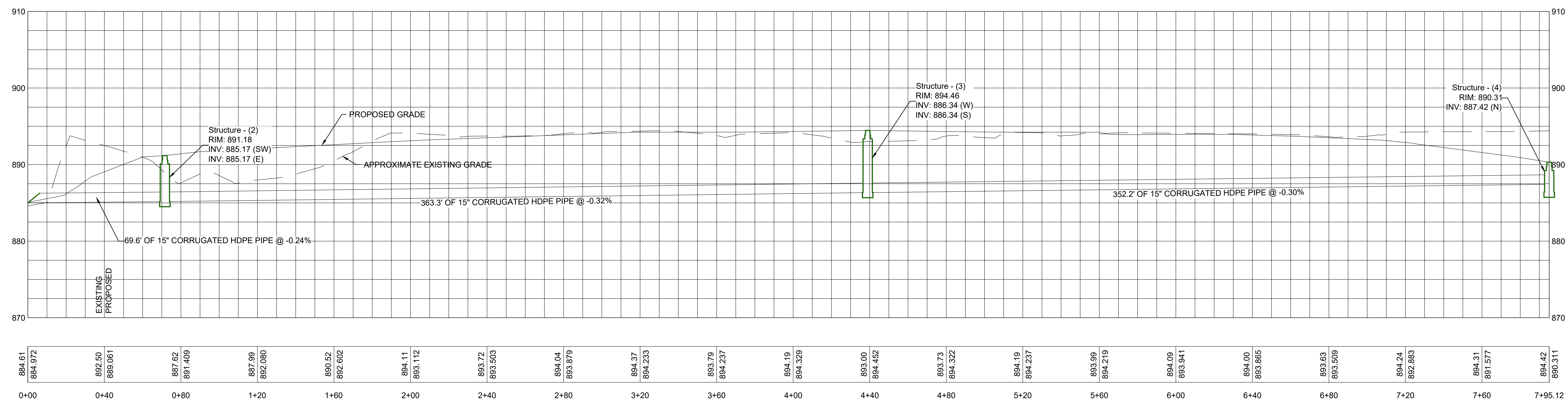


NEW ALL PURPOSE FIELD AND PARKING LOT
 HALLSVILLE R-IV SCHOOL DISTRICT
 411 E. HIGHWAY 124
 HALLSVILLE, MO 65255

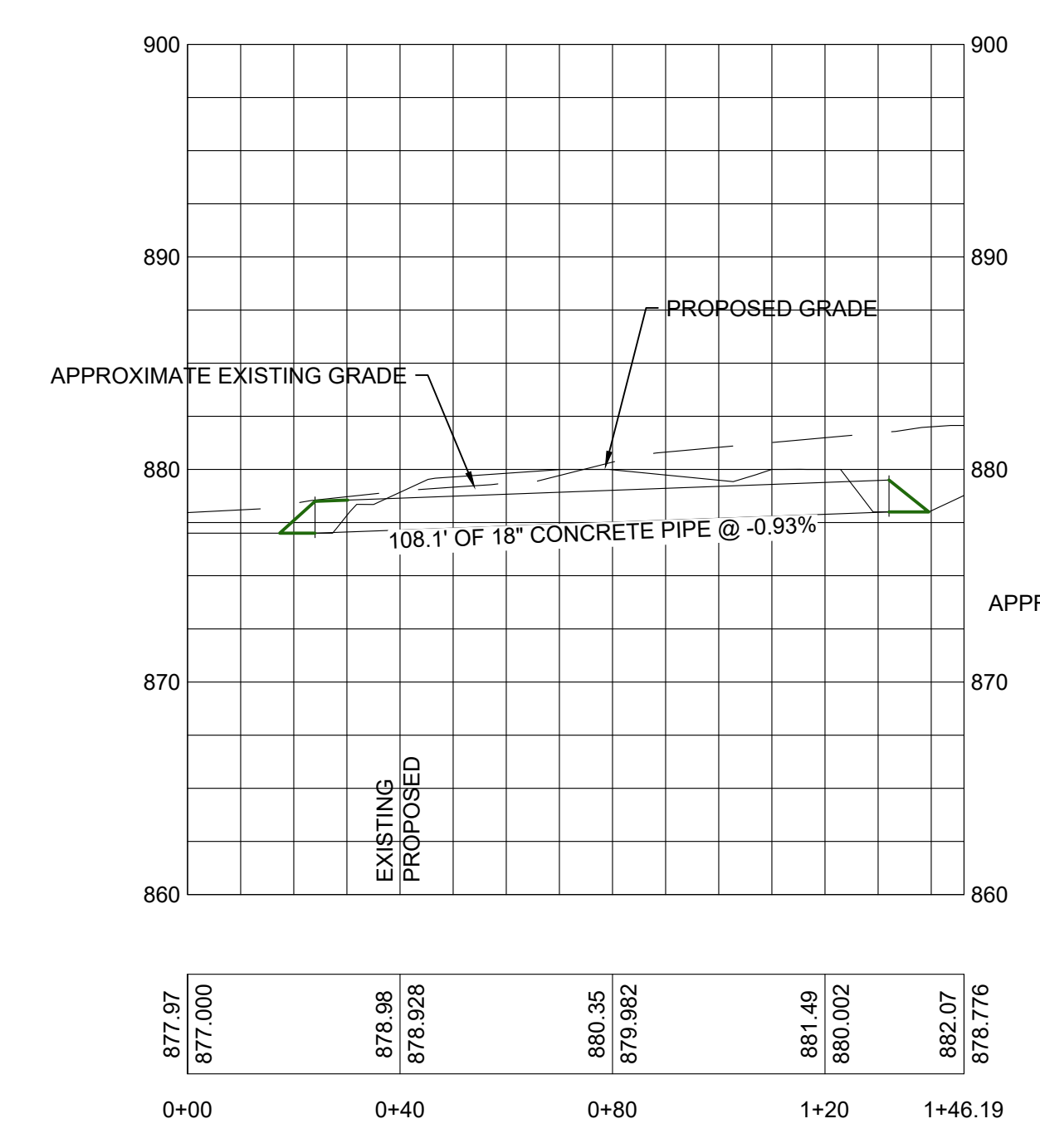
Non-Reduced Sheet Size: 30" x 42"
 Full sized plans have been prepared using standard scales.
 Reduced size plans may not conform to standard scales.

DESIGNED: DCD/DDR	DRAWN: DCD/DDR
FIELD: MAN/FGH	FIELD BOOK: HICKS
CHECKED: CSW	CHECK DATE: 11/11/2025

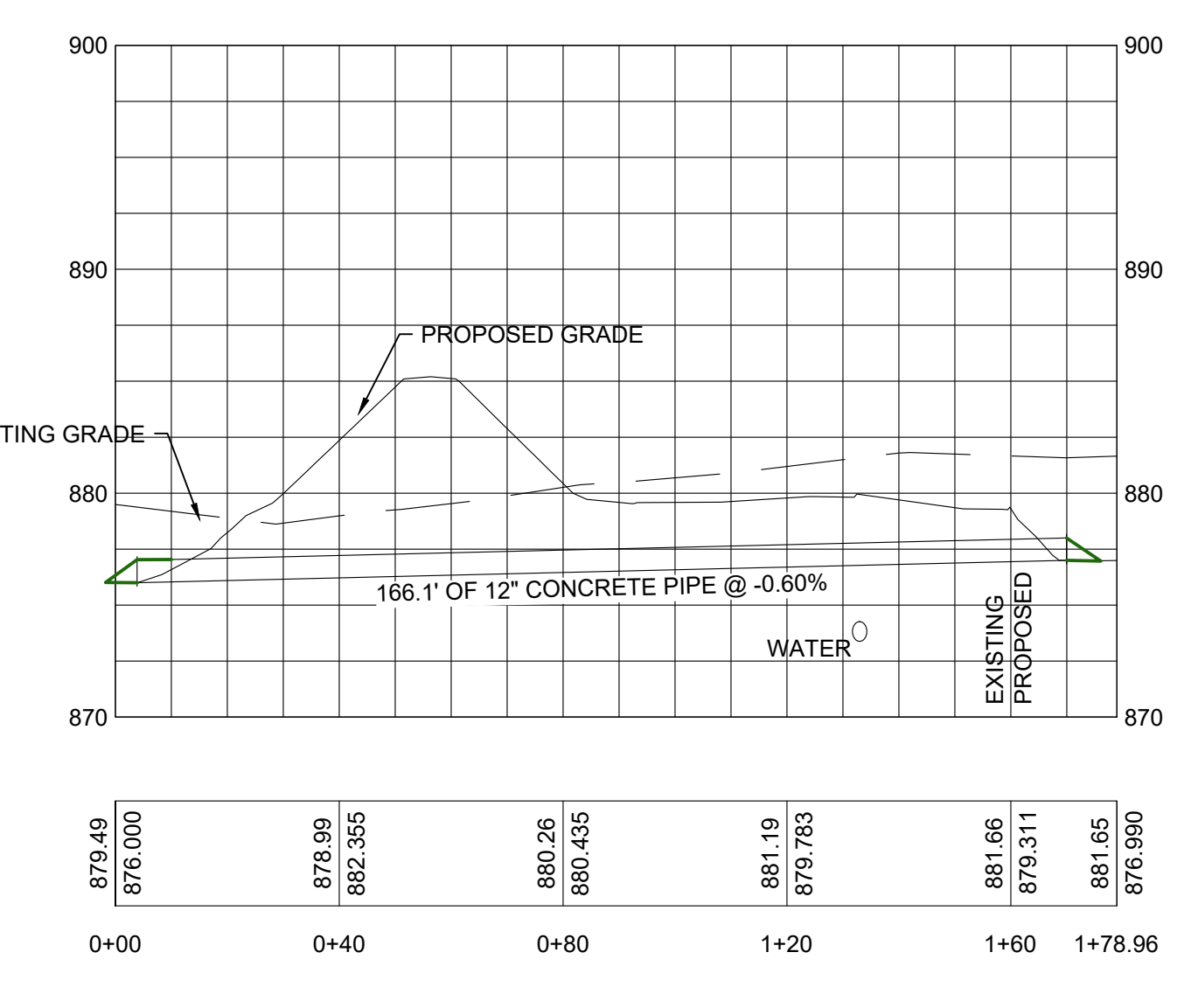
SHEET TITLE
STORM PROFILES
 PROJECT NO: 24-5017
 DRAWING ISSUED DATE: 11/14/2025
 SHEET
C304



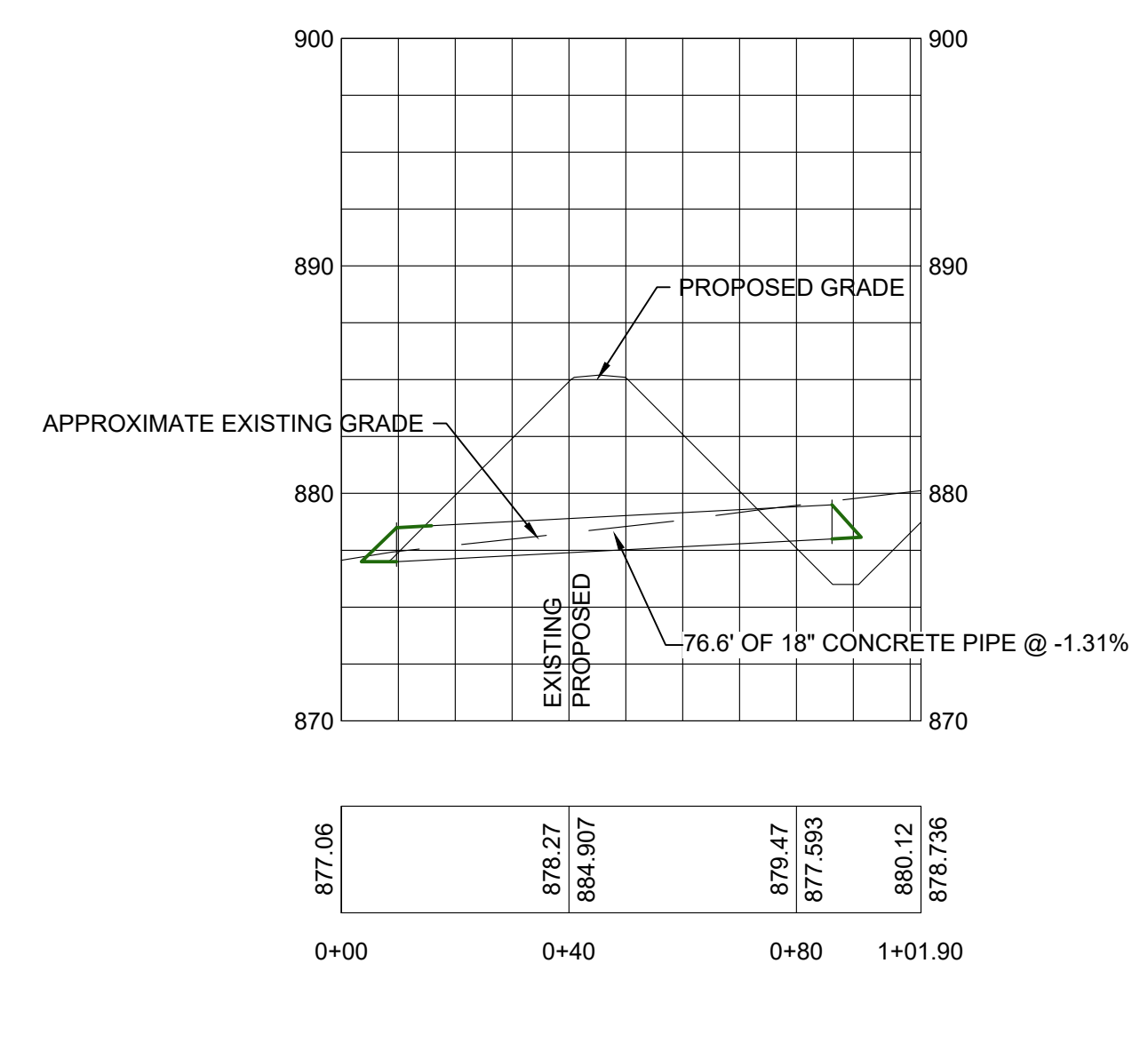
1 BASEBALL FIELD STORM SEWER PROFILE
 N.T.S.



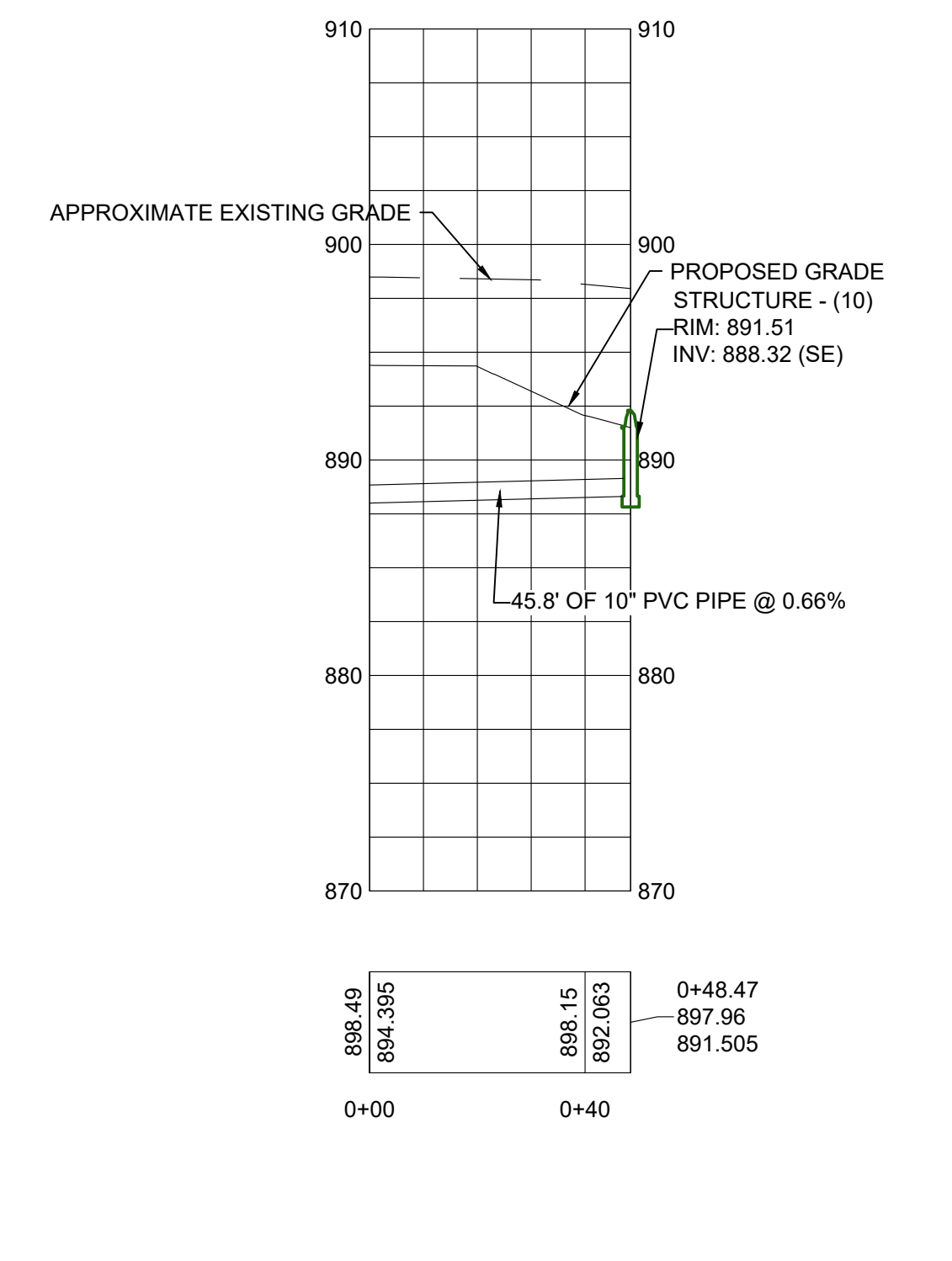
2 ENTRANCE CULVERT PROFILE
 N.T.S.



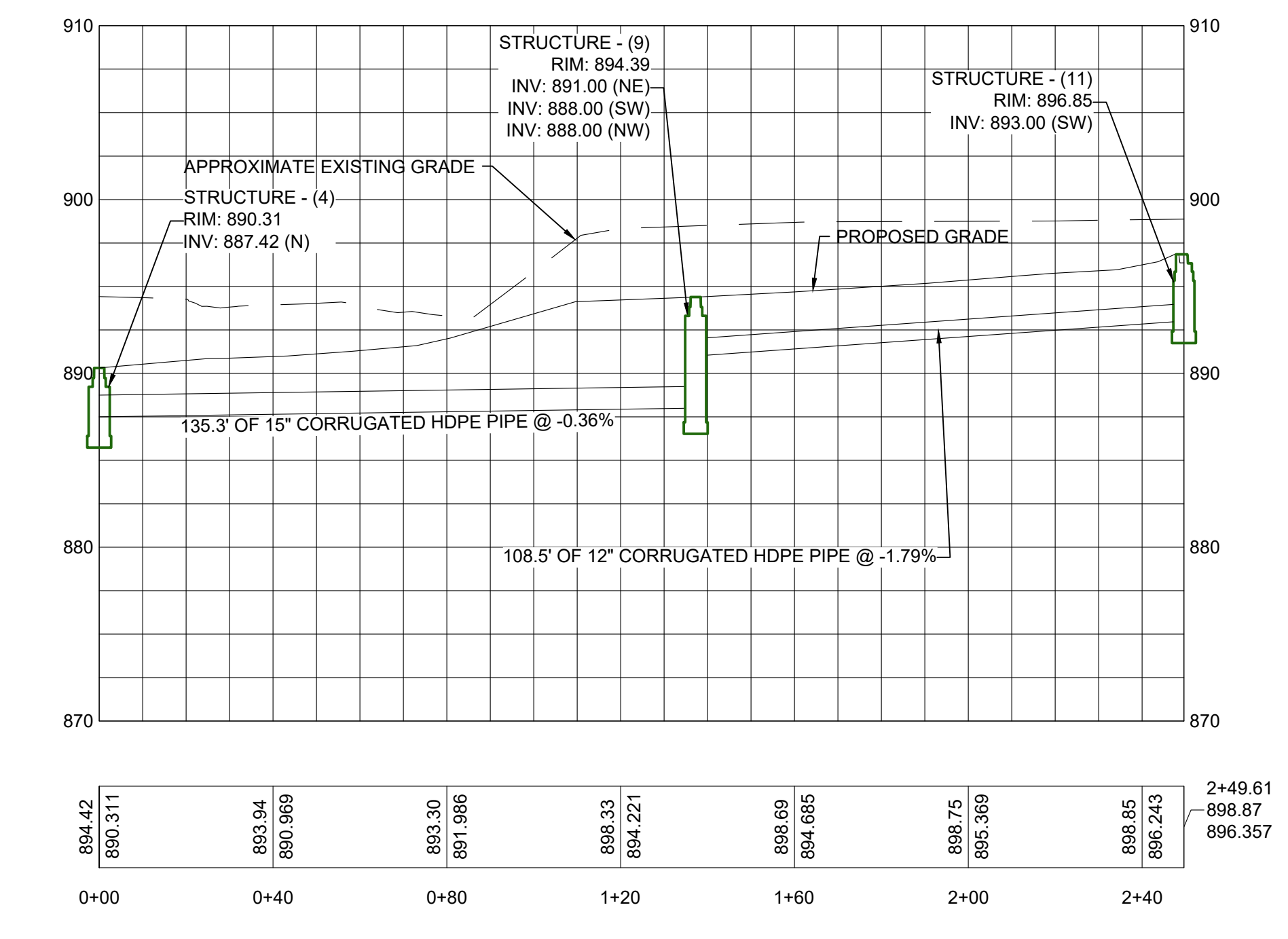
3 DETENTION INFLOW PROFILE
 N.T.S.



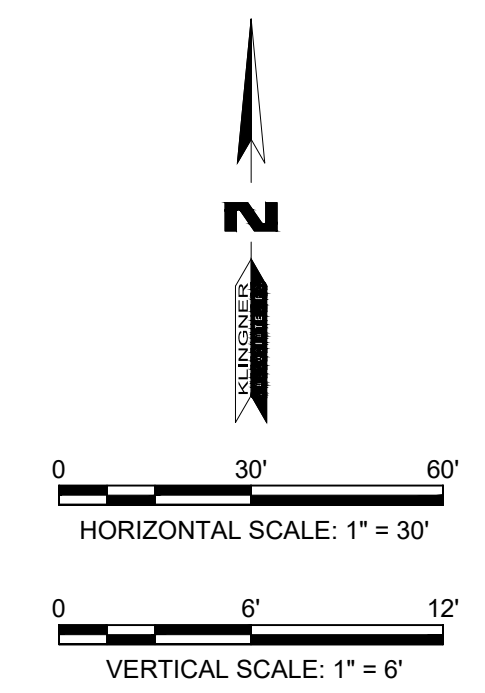
4 DETENTION OUTLET PROFILE
 N.T.S.

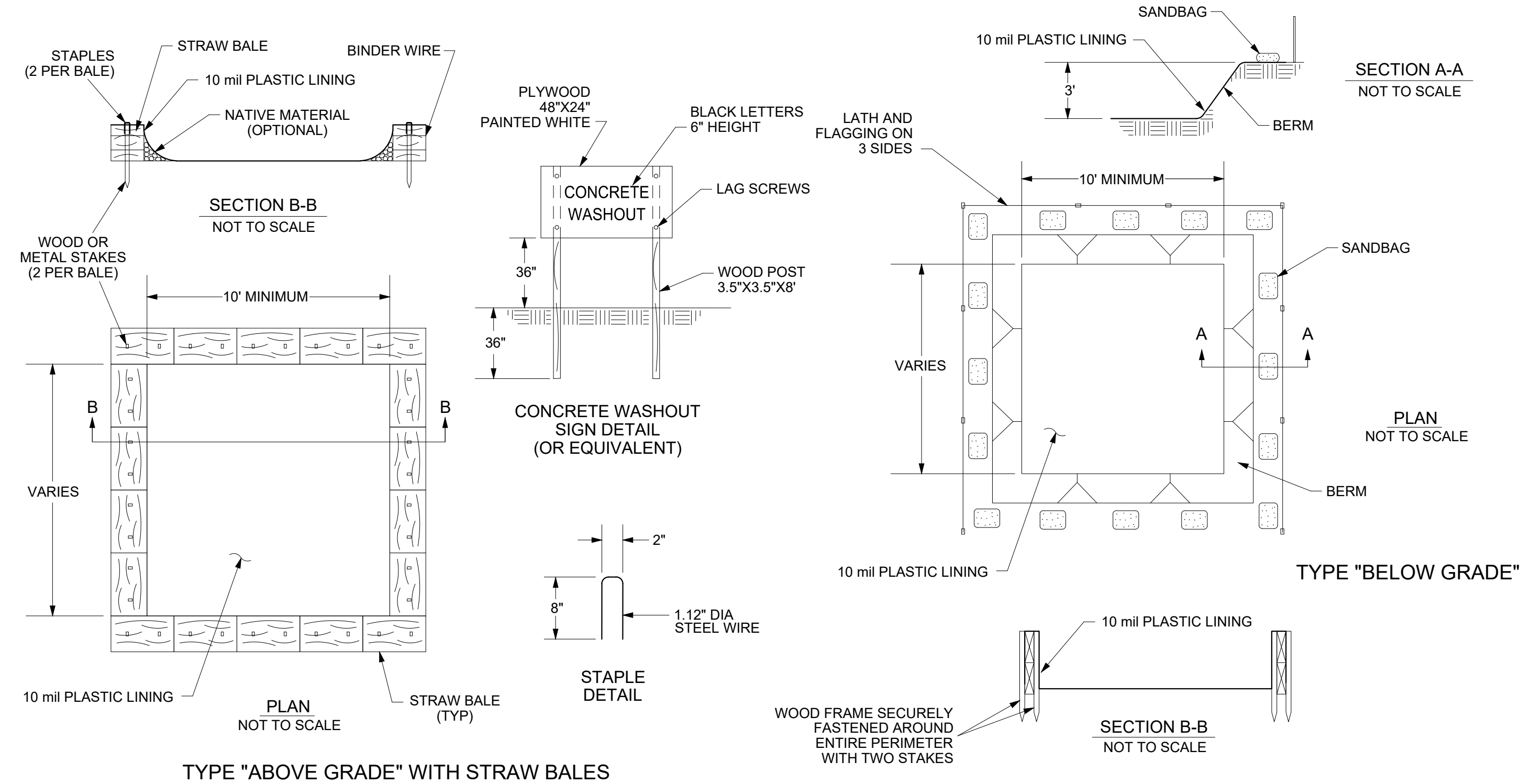


5 INET #10 STORM PROFILE
 N.T.S.



6 INET #10 STORM PROFILE
 N.T.S.



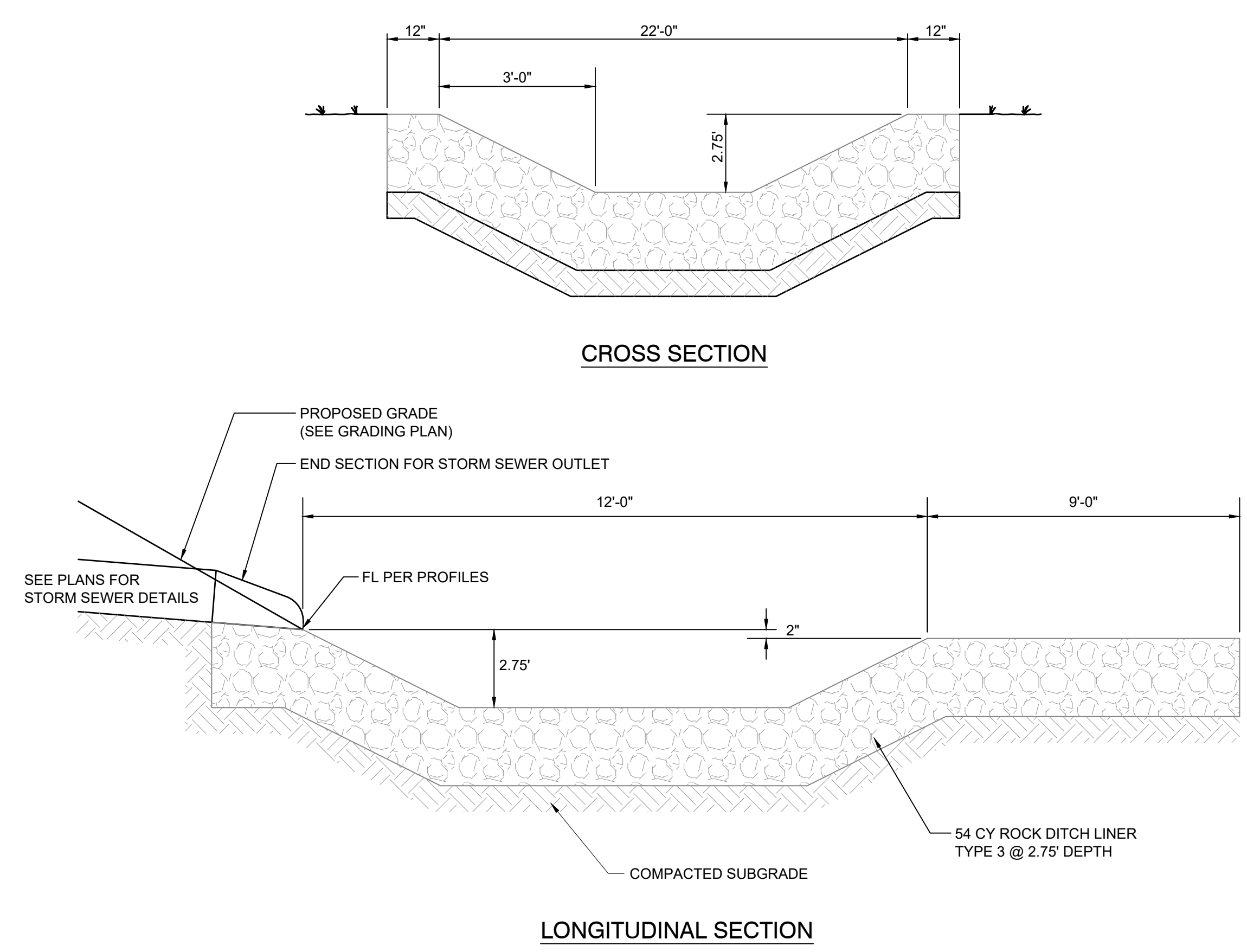


TYPE "ABOVE GRADE" WITH STRAW BALES

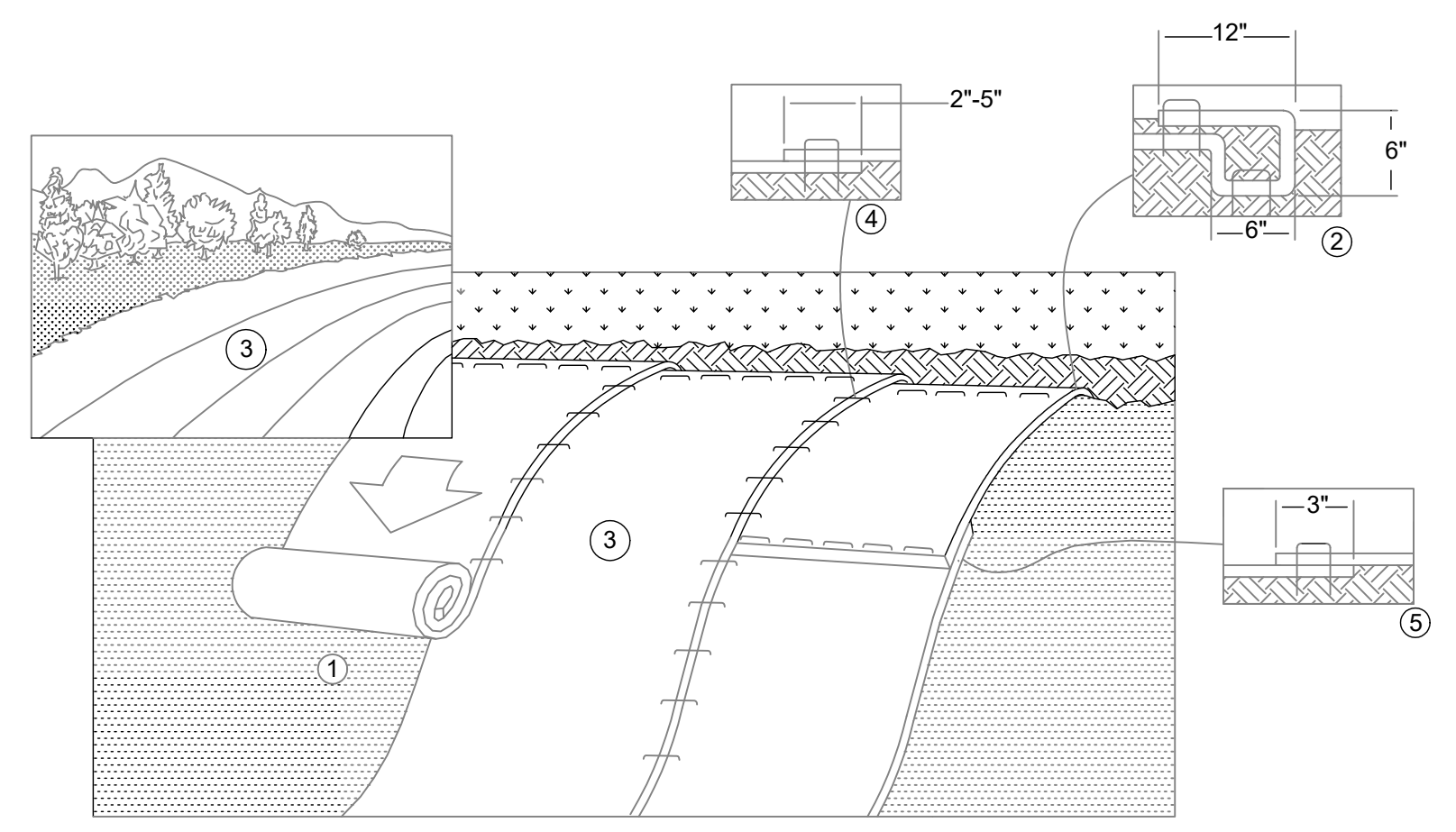
NOTES

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.

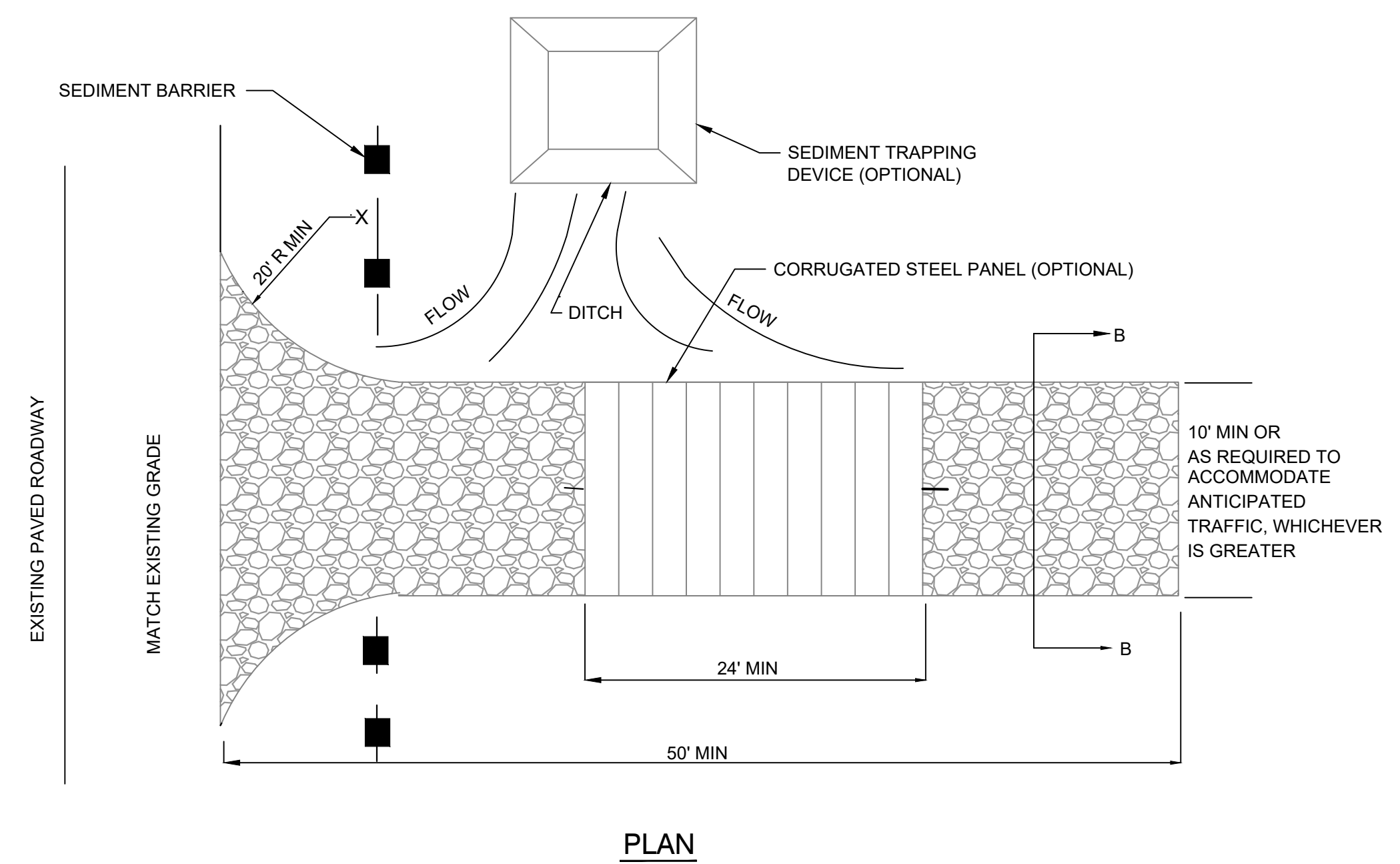
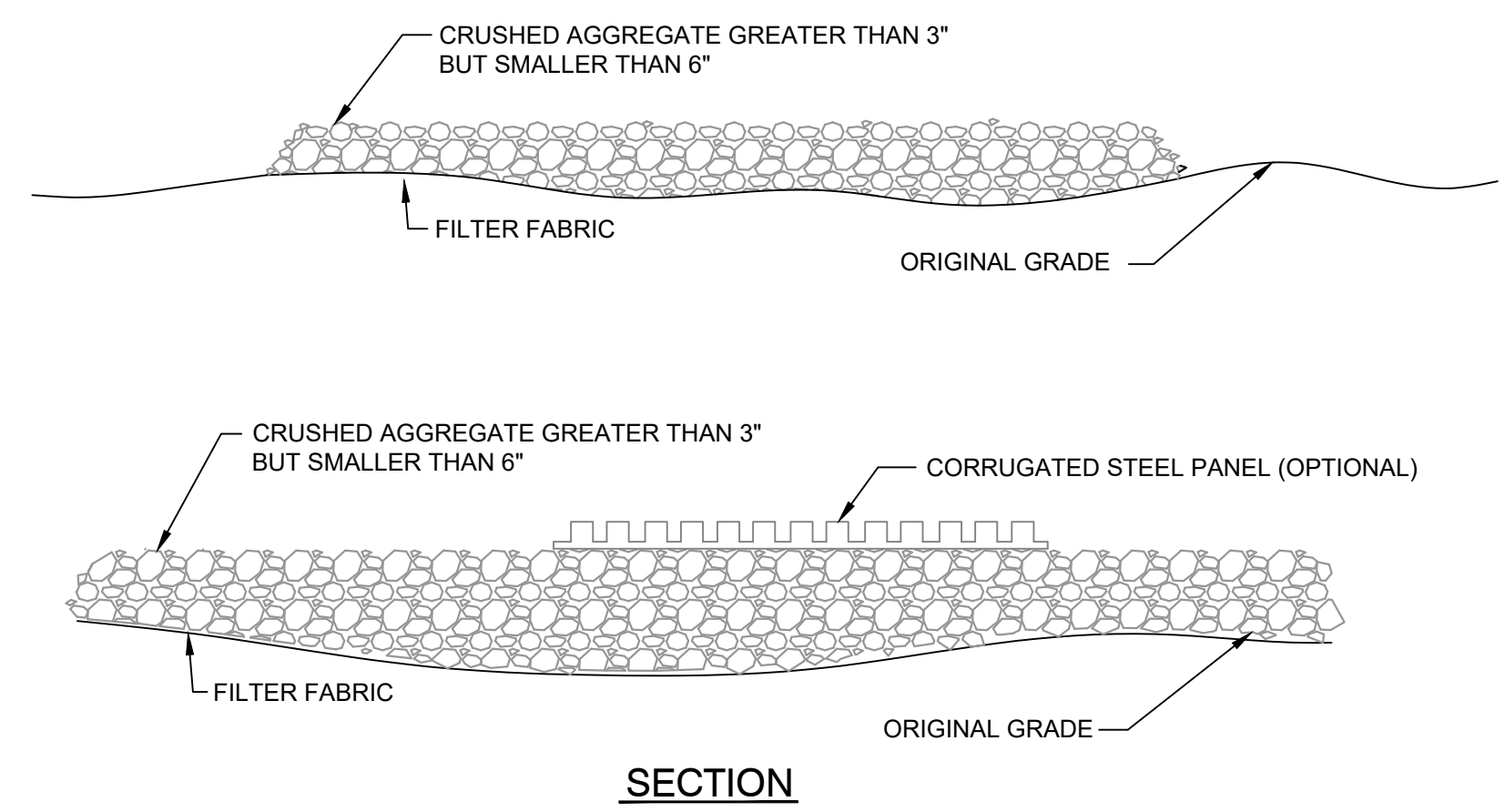


3 STORM SEWER OUTLET ENERGY DISSIPATING BASIN
N.T.S.



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.



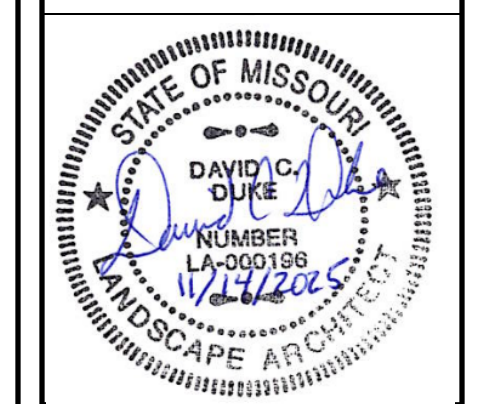
4 CONSTRUCTION ENTRANCE/EXIT
N.T.S.

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REVISION HISTORY			
NO.	DESCRIPTION	DATE	APP'D.

Klingner & Associates, P.C.
Missouri State Certificate of Authority
No. E-000896
ISSUED FOR: 11/14/2025

BIDDING DOCUMENTS

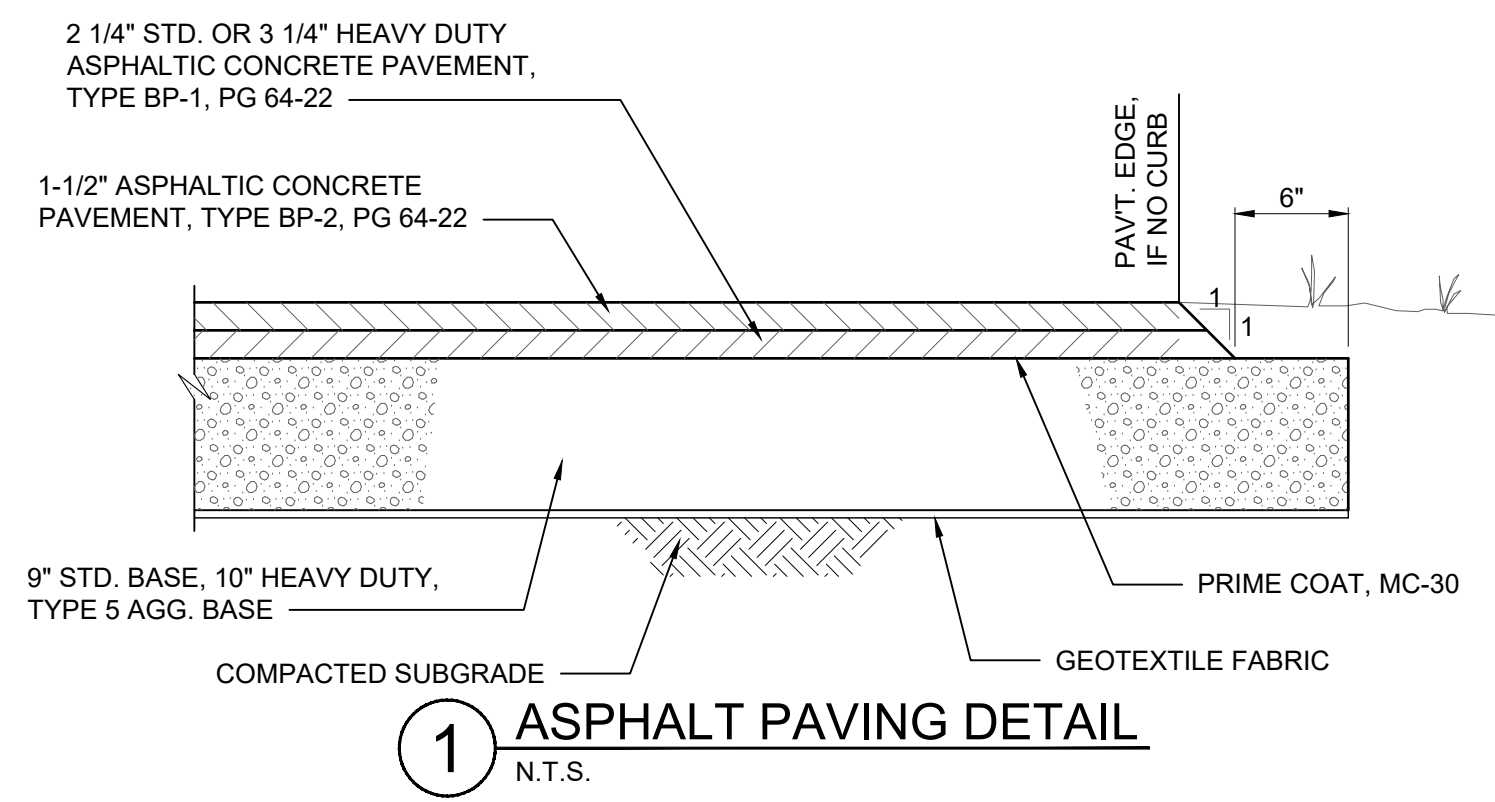


NEW ALL PURPOSE FIELD AND PARKING LOT
HALLSVILLE R-IV SCHOOL DISTRICT
411 E. HIGHWAY 124
HALLSVILLE, MO 65255

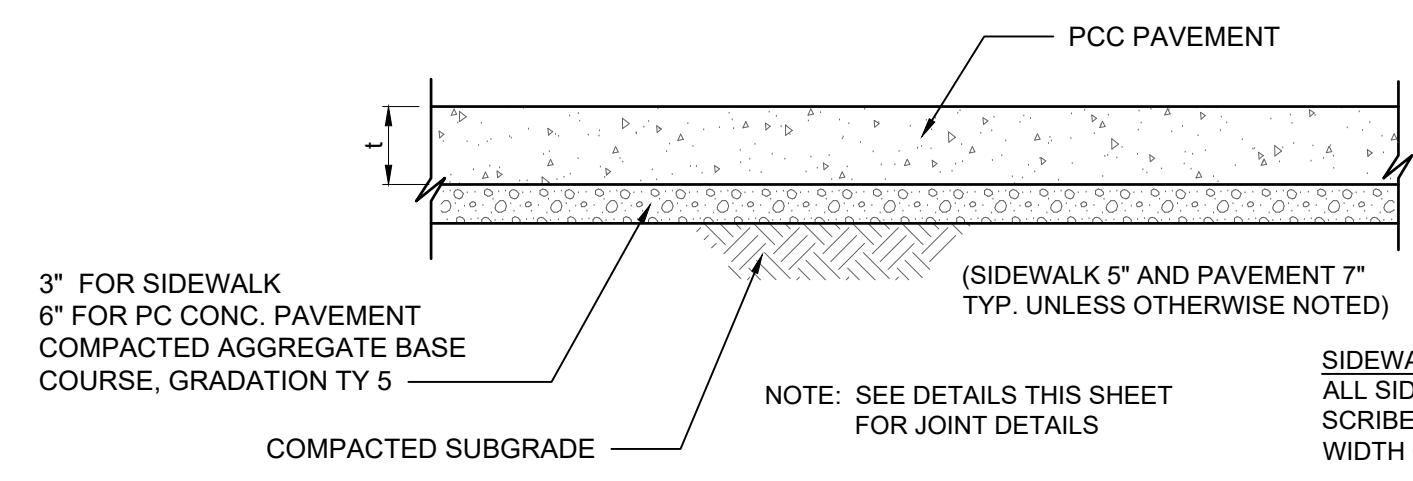
Non-Reduced Sheet Size: 30" x 42"
Full sized plans have been prepared using standard scales. Reduced size plans may not conform to standard scales.

DESIGNED	DCD	DRAWN	DCD/DDR
FIELD	MAN/UTGH	FIELD BOOK	H2035
CHECKED	CSW	CHECK DATE	11/11/2025

SHEET TITLE
SWPPP DETAILS
PROJECT NO.
24-5017
DRAWING ISSUED DATE:
11/14/2025
SHEET
C402

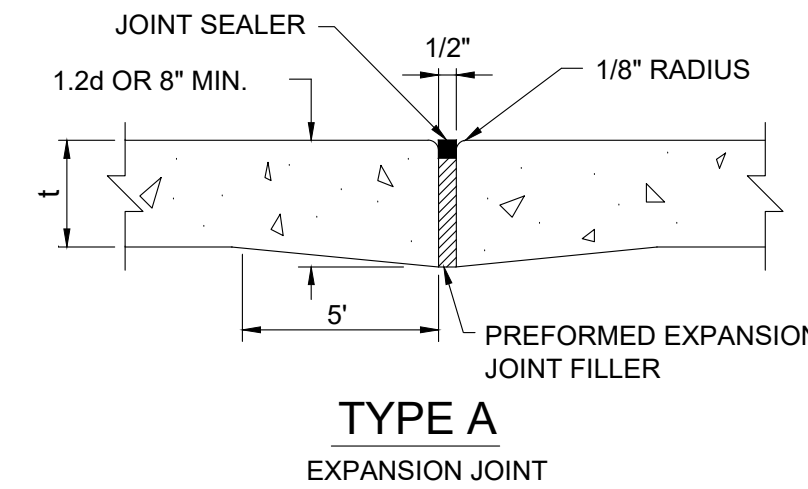


1 ASPHALT PAVING DETAIL
N.T.S.

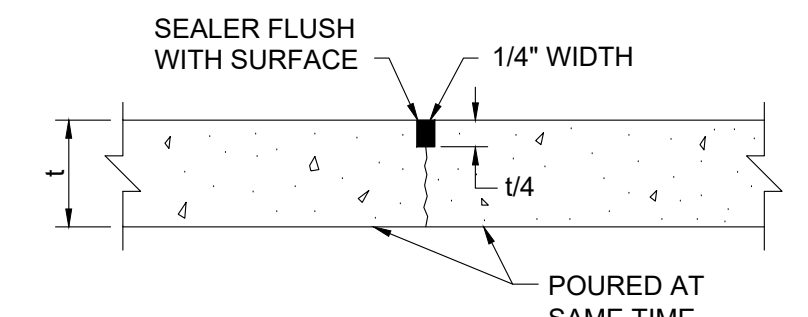


2 PCC PAVING DETAIL
N.T.S.

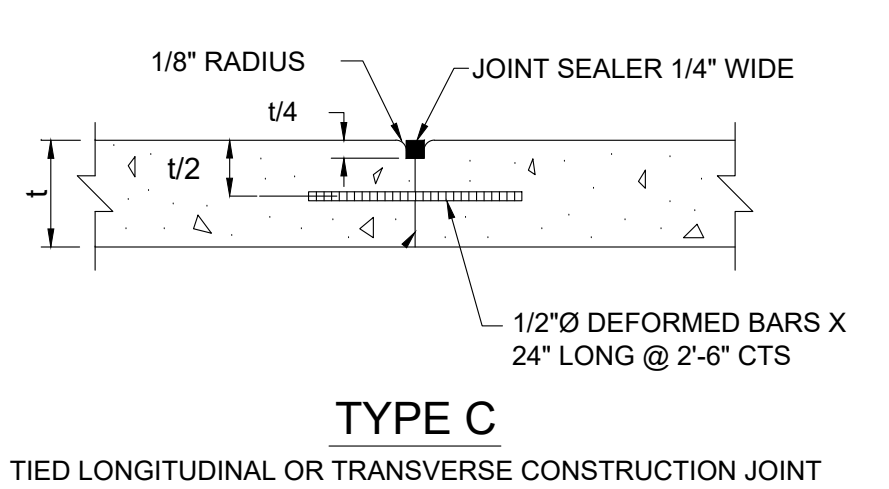
SIDEWALK NOTES:
ALL SIDEWALK JOINTS SHALL BE SCRIBED OR EDGED, MAX. SPACING = WIDTH OF SIDEWALK
1/2\"/>



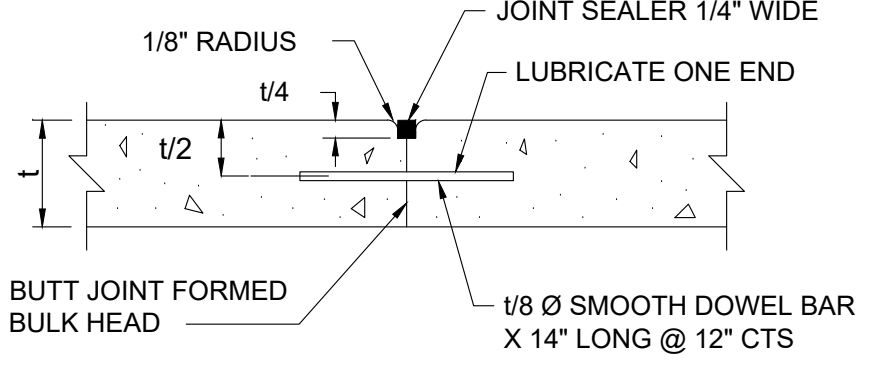
TYPE A
EXPANSION JOINT



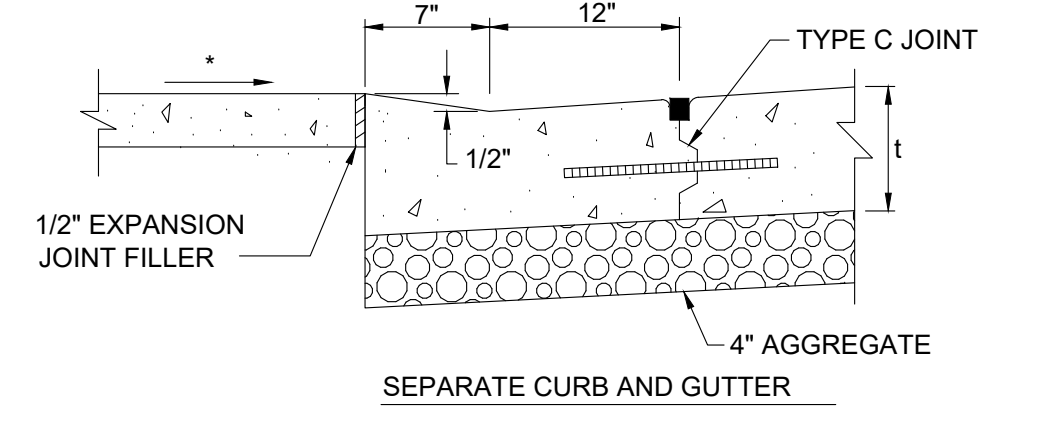
TYPE D
SAWED LONGITUDINAL OR TRANSVERSE



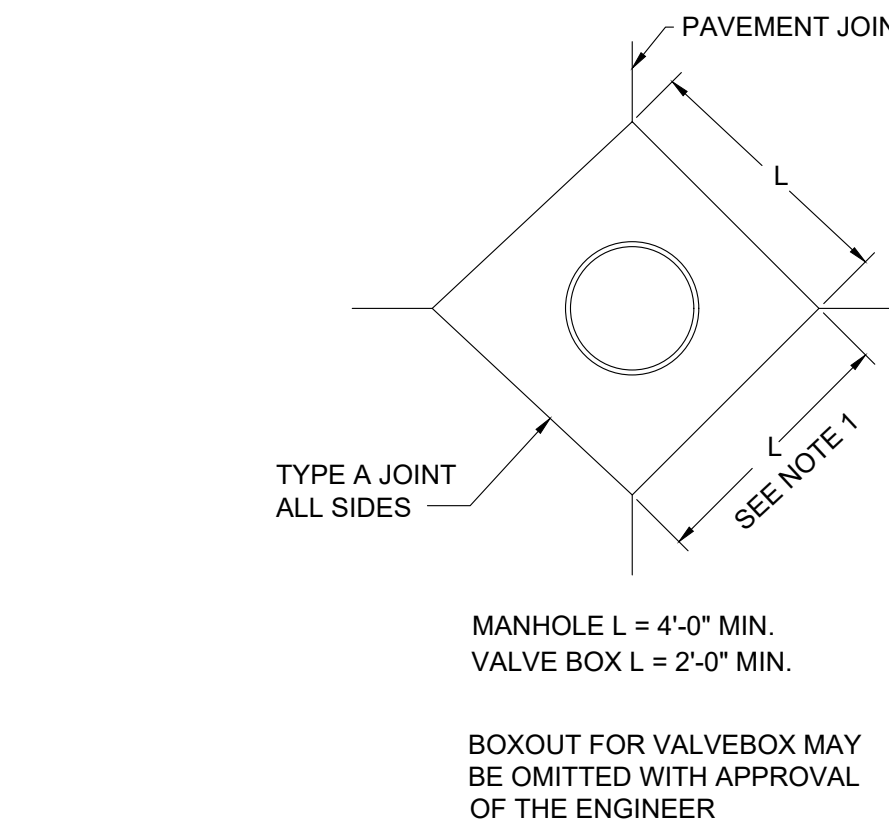
TYPE C
TIED LONGITUDINAL OR TRANSVERSE CONSTRUCTION JOINT



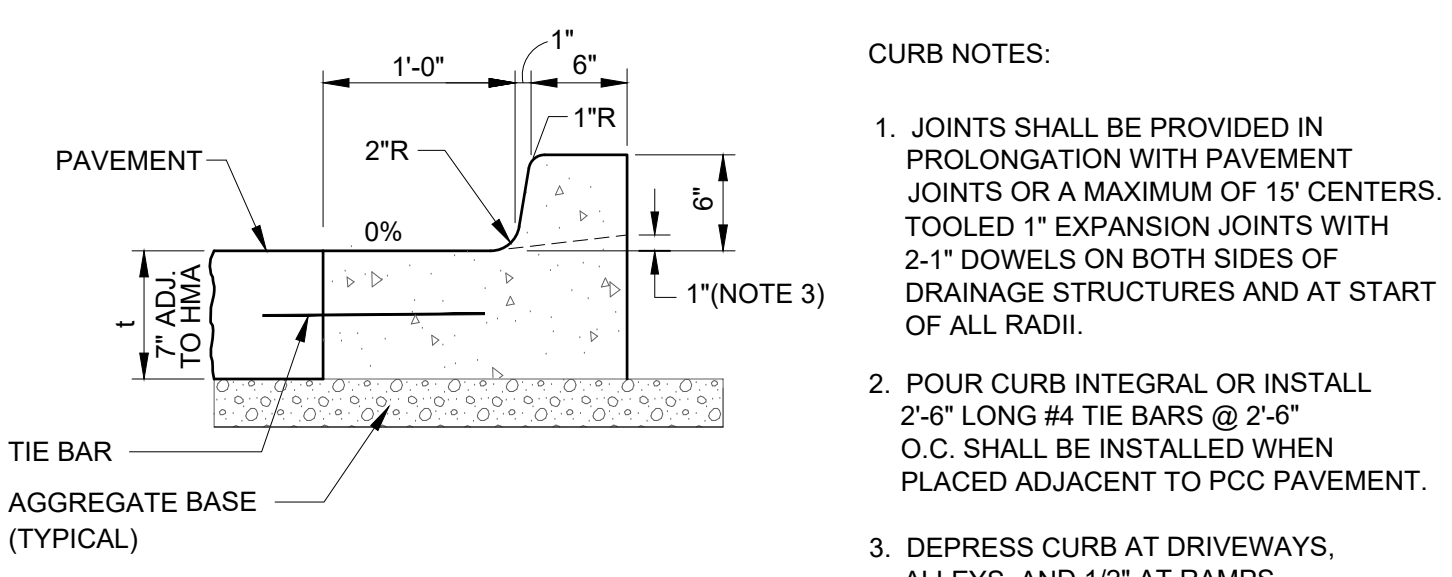
TYPE E
ALTERNATE TRANSVERSE CONSTRUCTION JOINT AT NORMAL SPACING



DETAIL A
CURB AND GUTTER AT PEDESTRIAN RAMPS AND DRIVEWAYS

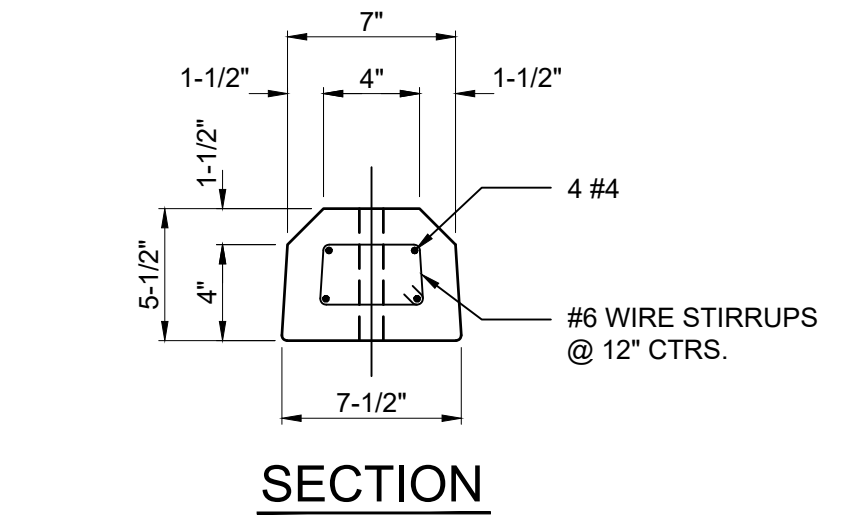


TYPICAL UTILITY BOXOUT
JOINTS ALL CORNERS

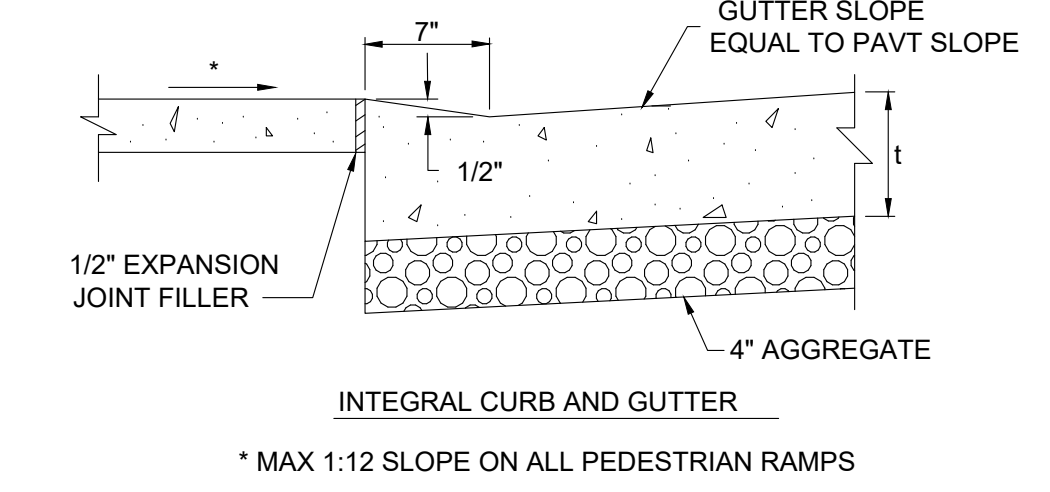


3 CONCRETE CURB & GUTTER
N.T.S.

CURB NOTES:
1. JOINTS SHALL BE PROVIDED IN PROLONGATION WITH PAVEMENT JOINTS OR A MAXIMUM OF 15' CENTERS. TOOLED 1\"/>

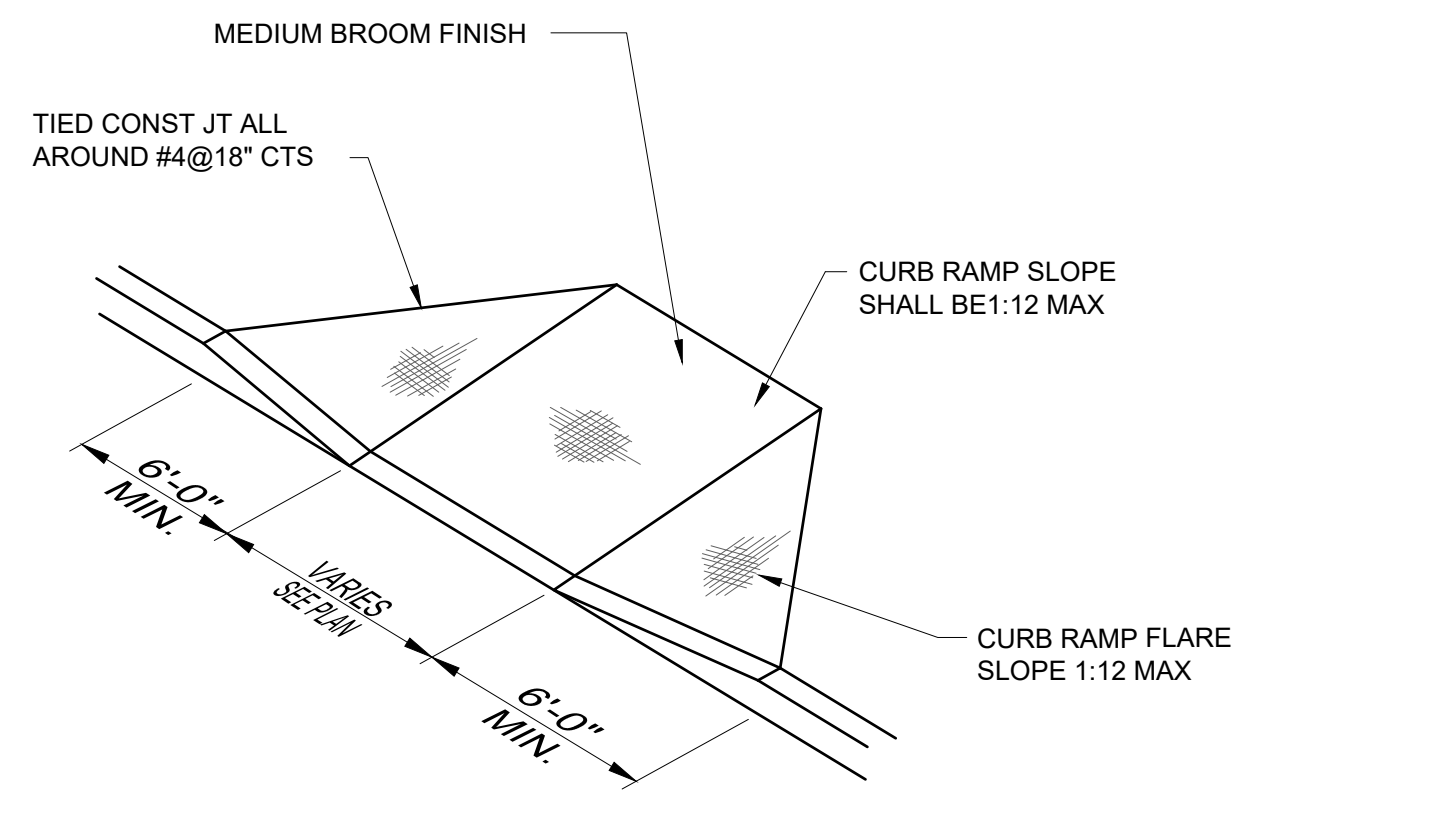


4 CONCRETE PARKING BLOCK
N.T.S.

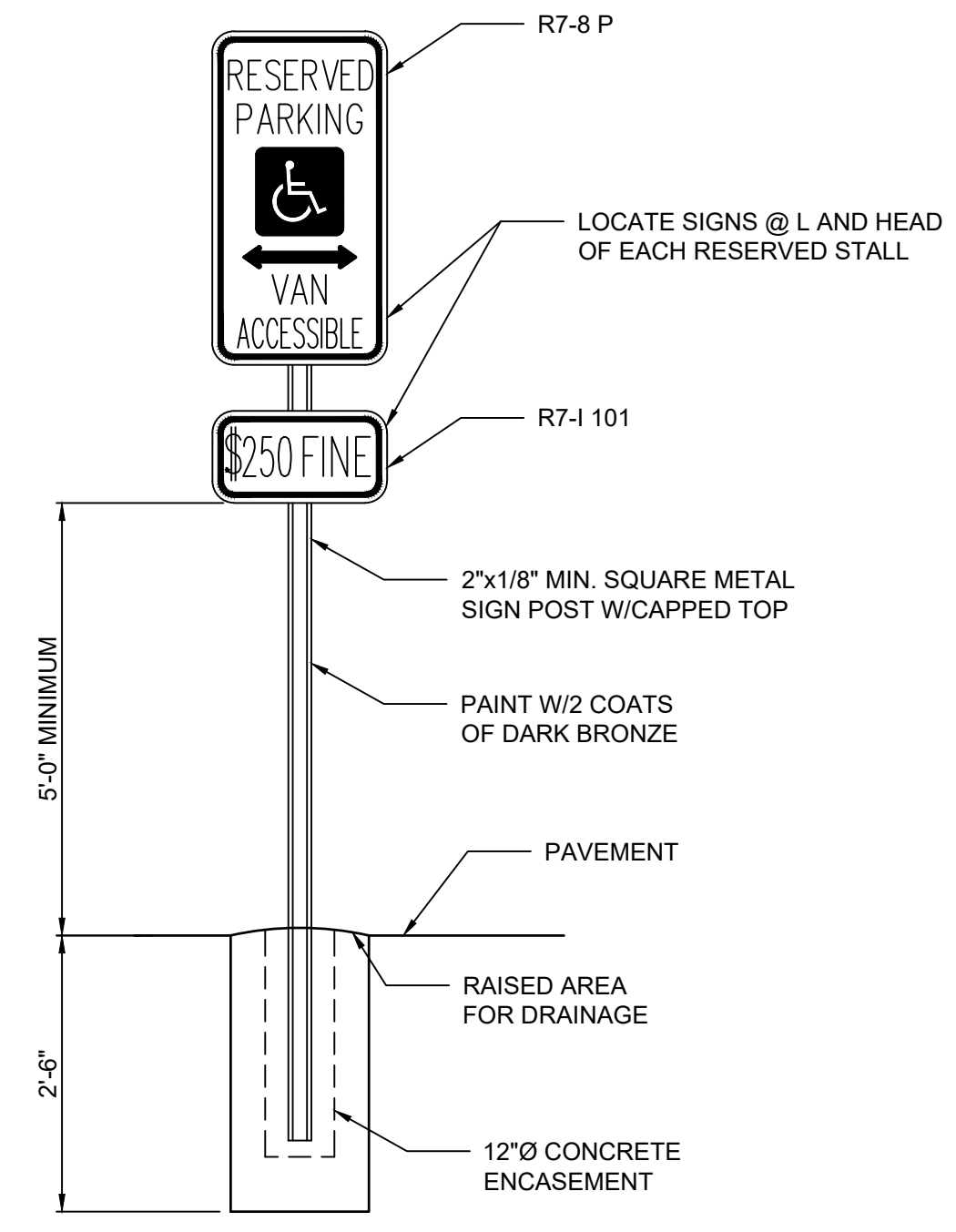


DETAIL A
CURB AND GUTTER AT PEDESTRIAN RAMPS AND DRIVEWAYS

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 \"/>

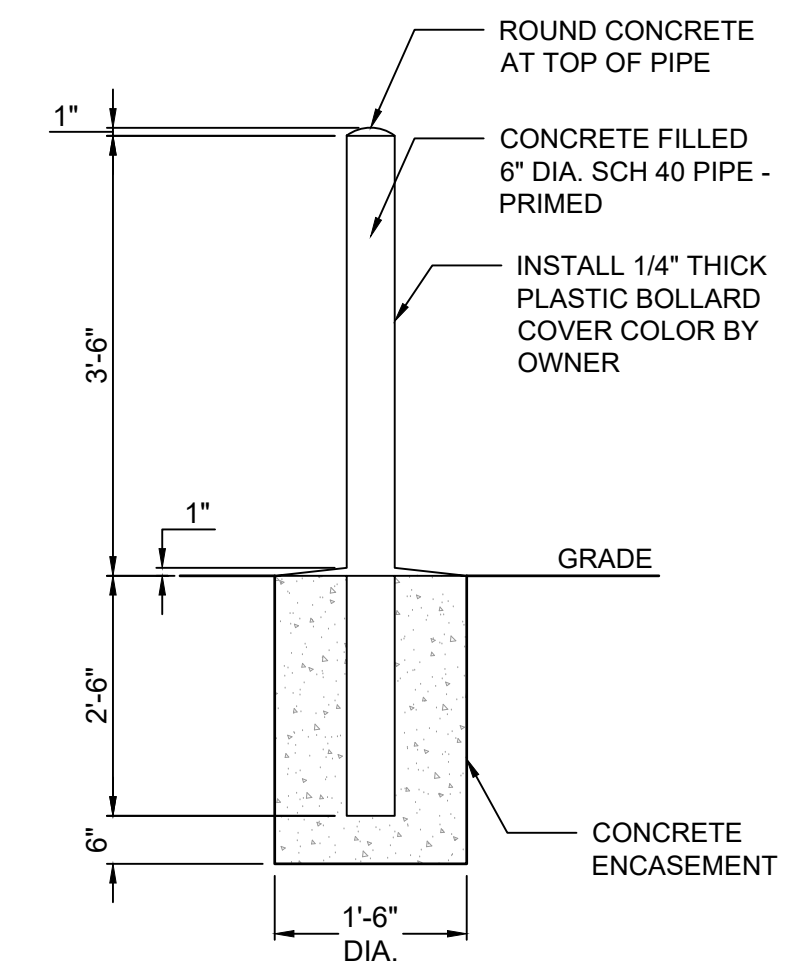


5 CURB RAMP DETAILS
N.T.S.

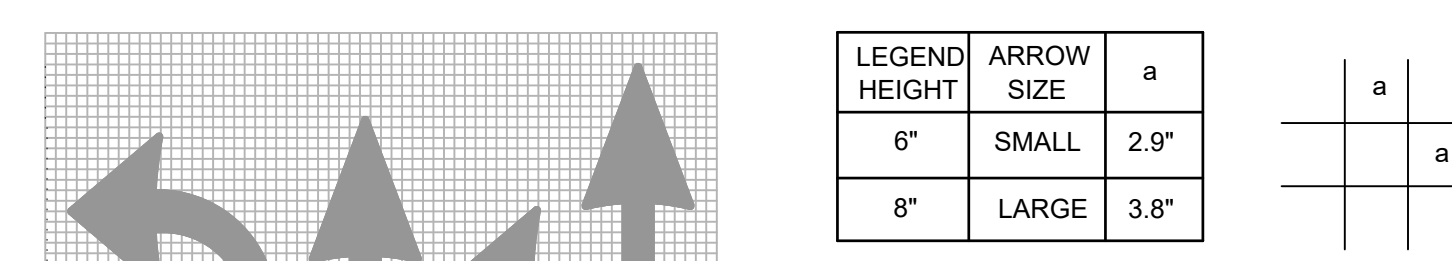


8 ACCESSIBLE PARKING SIGN
N.T.S.

NOTE:
SIGN DIMENSIONS AND COLORS IN ACCORDANCE WITH ILLINOIS STANDARD R7-8 AND R7-1.101

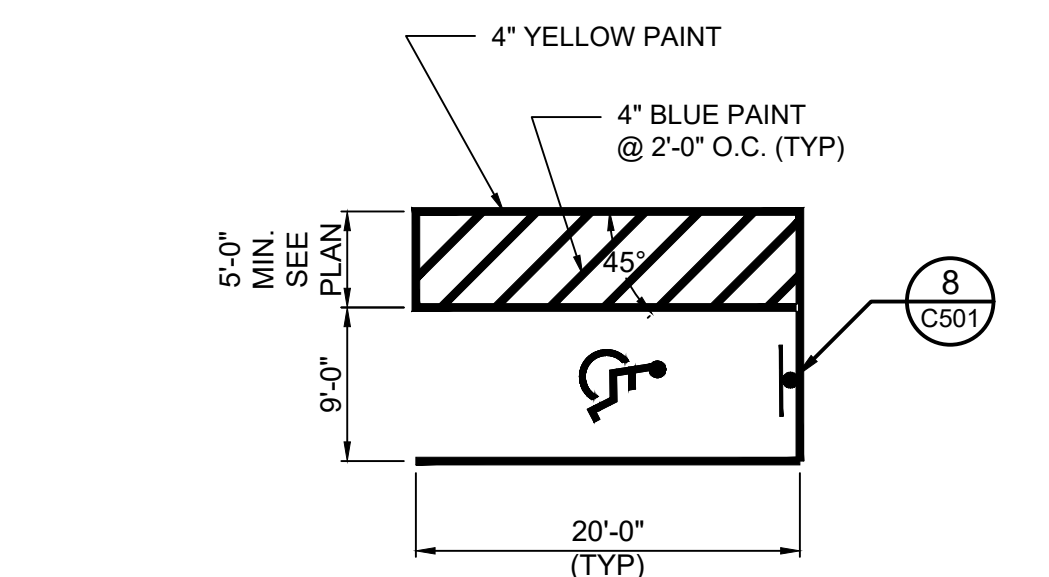


9 BOLLARD
N.T.S.

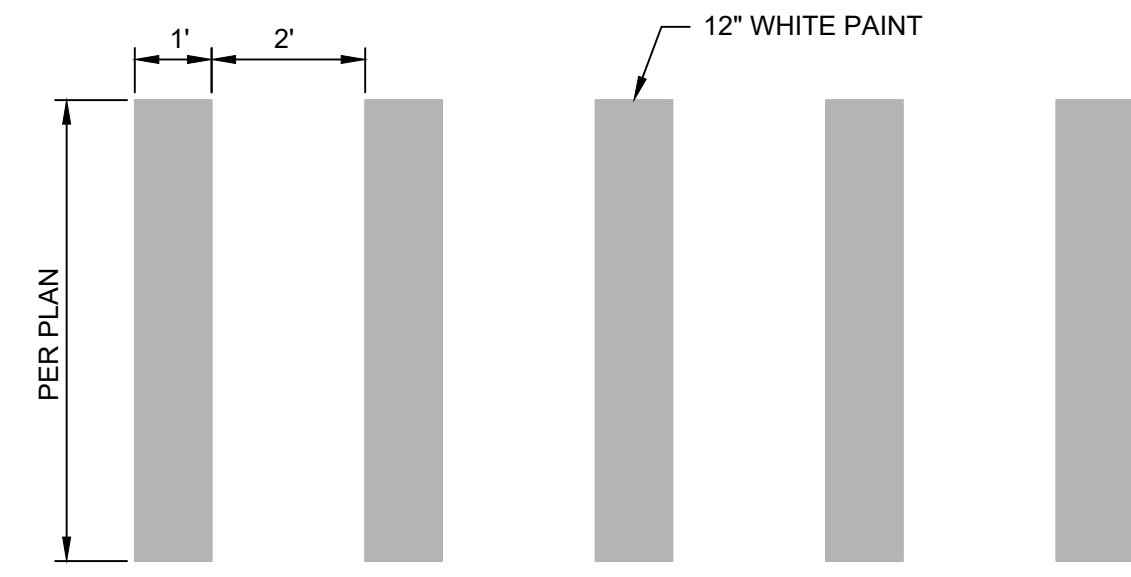


10 TRAFFIC FLOW ARROW DETAILS
N.T.S.

NOTES:
1. ALL TRAFFIC FLOW ARROWS TO BE SOLID WHITE REFLECTIVE TRAFFIC PAINT. LARGE SIZE.
2. STOP BARS ARE TO BE WHITE 24\"/>



7 ACCESSIBLE STALL DETAILS
N.T.S.

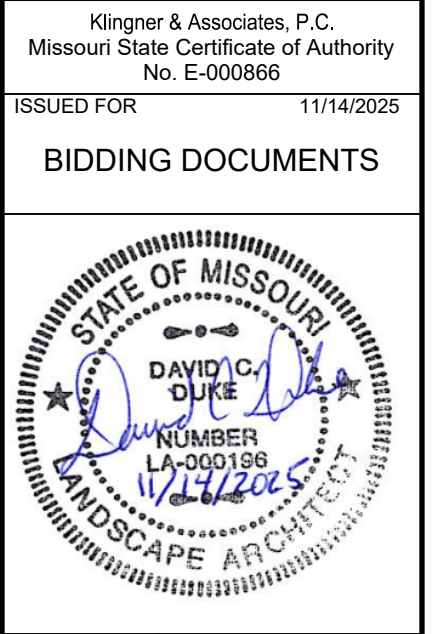


11 CROSSWALK DETAILS
N.T.S.

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REVISION HISTORY			
NO.	DESCRIPTION	DATE	APP'D.

Klingner & Associates, P.C.
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No. E-000896
ISSUED FOR: 11/14/2025
BIDDING DOCUMENTS

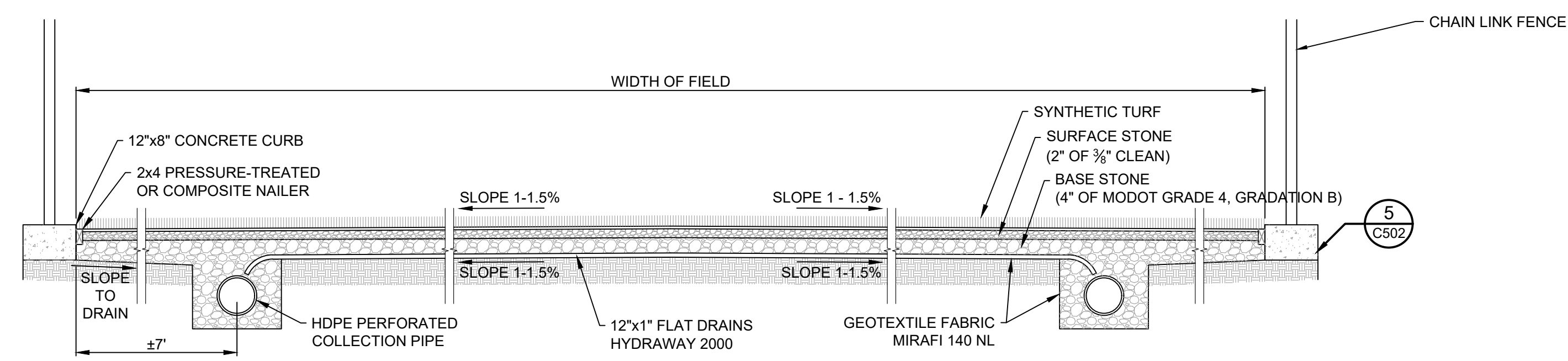


NEW ALL PURPOSE FIELD AND PARKING LOT
HALLSVILLE R-IV SCHOOL DISTRICT
411 E. HIGHWAY 124
HALLSVILLE, MO 65255

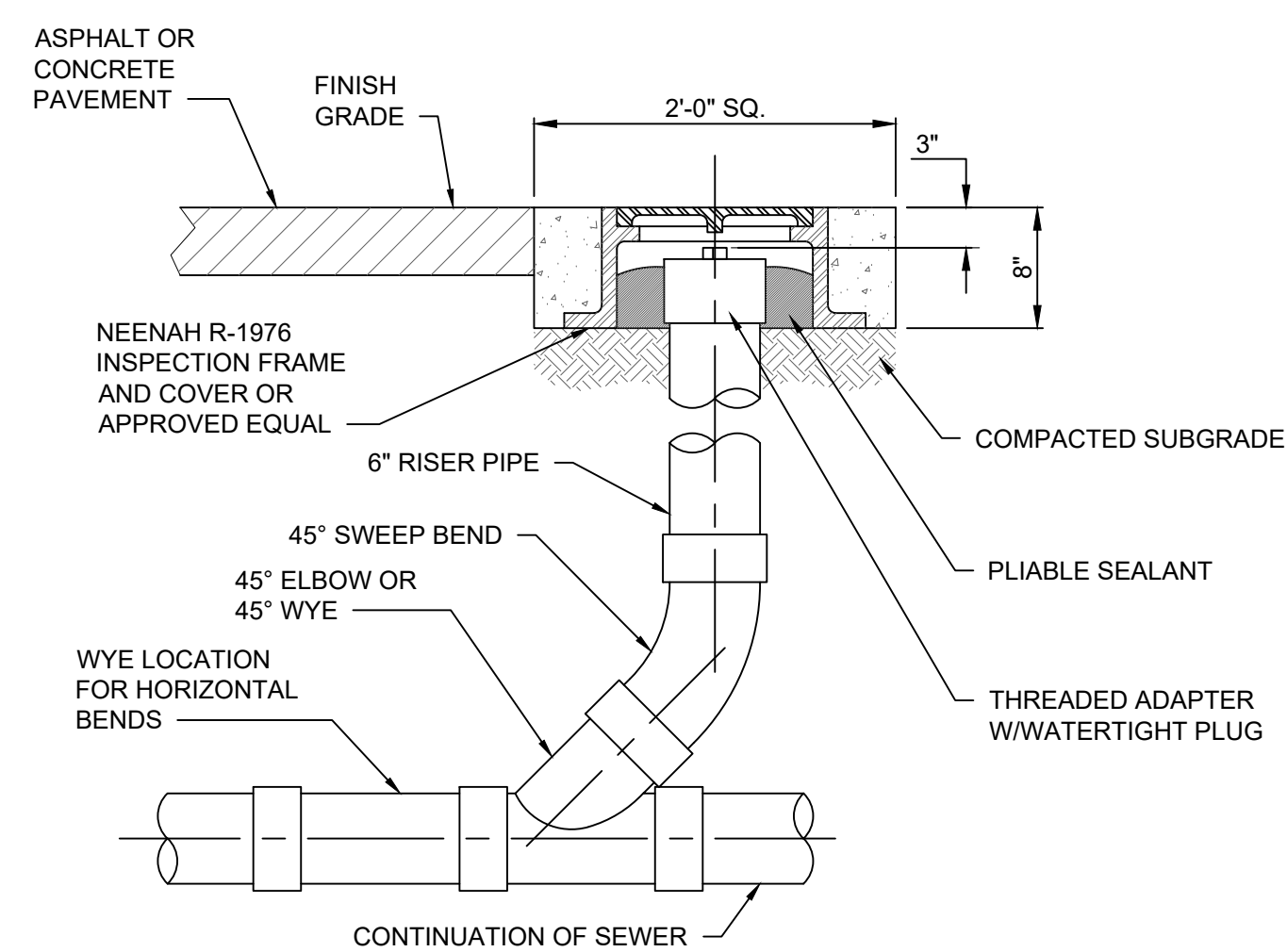
Non-Reduced Sheet Size: 30" x 42"
Full sized plans have been prepared using standard scales. Reduced size plans may not conform to standard scales.

DESIGNED:	DCD	DCD/DDR
FIELD:	MAN/UTGH	FIELD BOOK
CHECKED:	CSW	H2505
		CHECK DATE
		11/11/2025

SHEET TITLE
SITE DETAILS
PROJECT NO:
24-5017
DRAWING ISSUED DATE:
11/14/2025
SHEET
C501



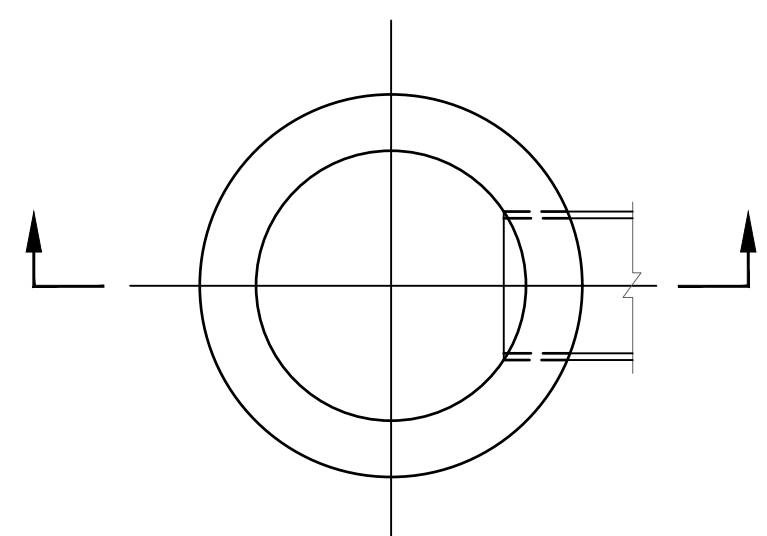
1 TYPICAL MULTI-PURPOSE FIELD SECTION
N.T.S.



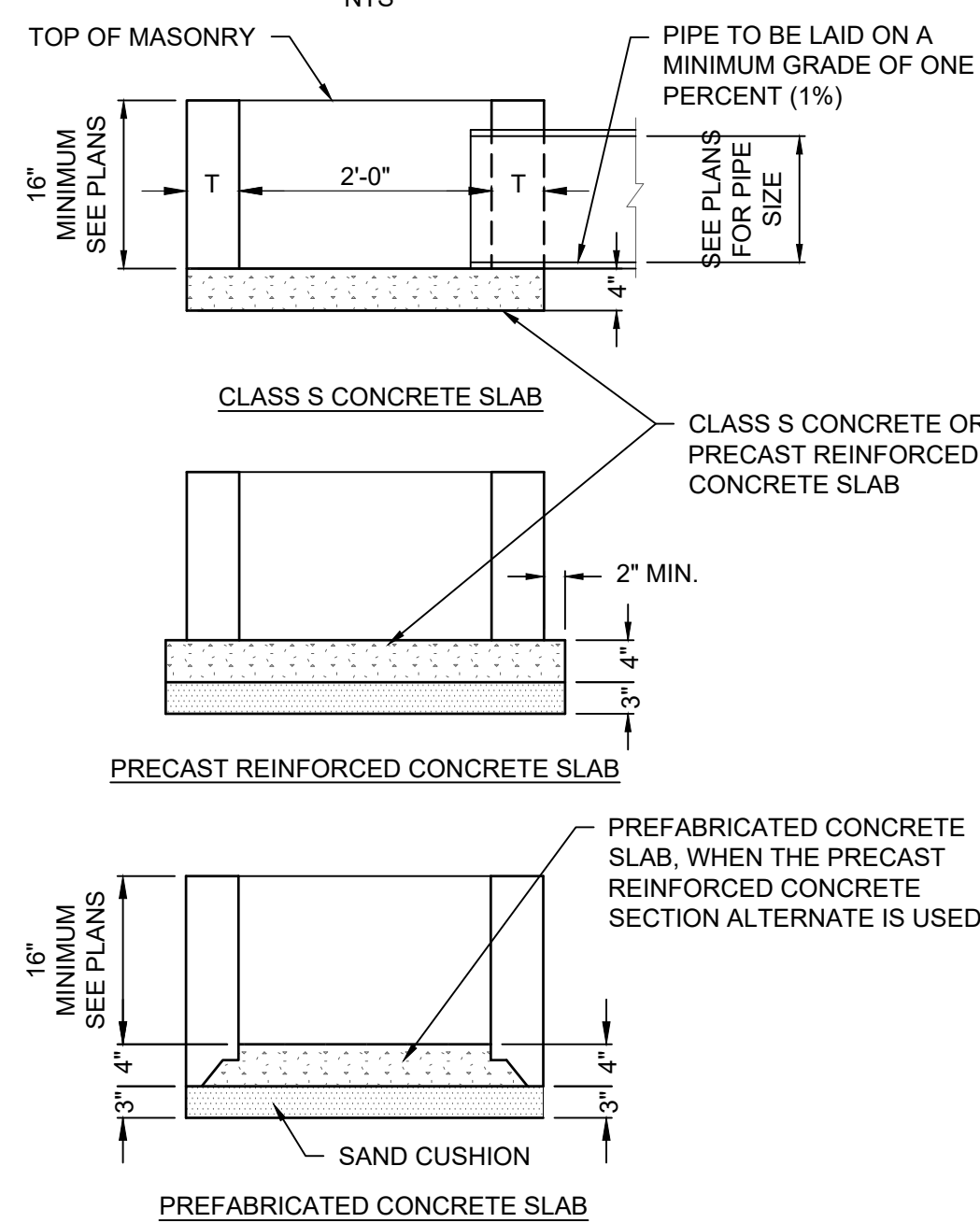
4 CLEANOUT DETAILS
N.T.S.

5 NOT USED
N.T.S.

ALTERNATE MATERIALS FOR WALLS	T
PRECAST REINFORCED CONCRETE SECTIONS	3"
CONCRETE MASONRY UNITS	6"
CAST IN PLACE CONCRETE	6"



8 TYPE 'A' INLET DETAIL
N.T.S.

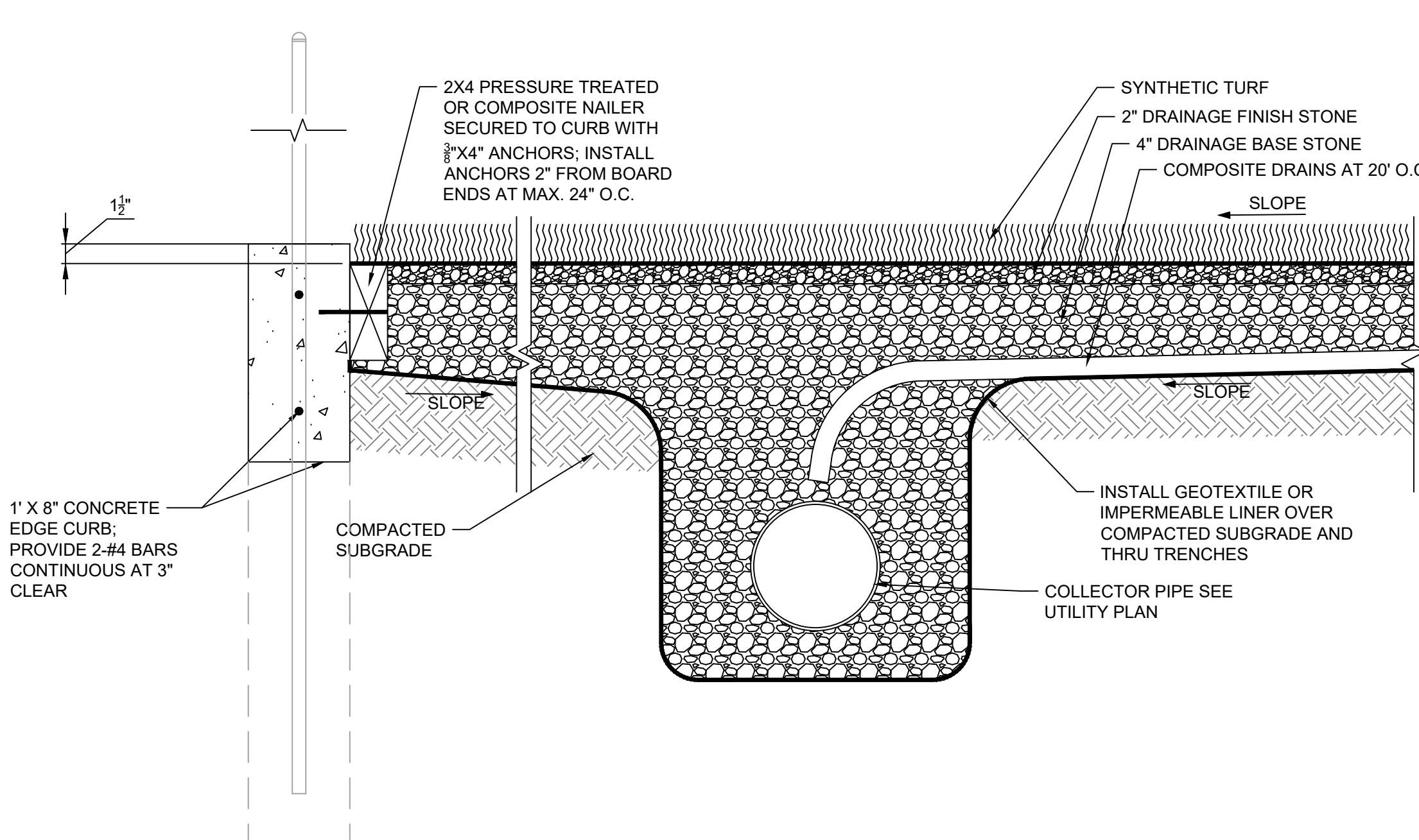


SECTION

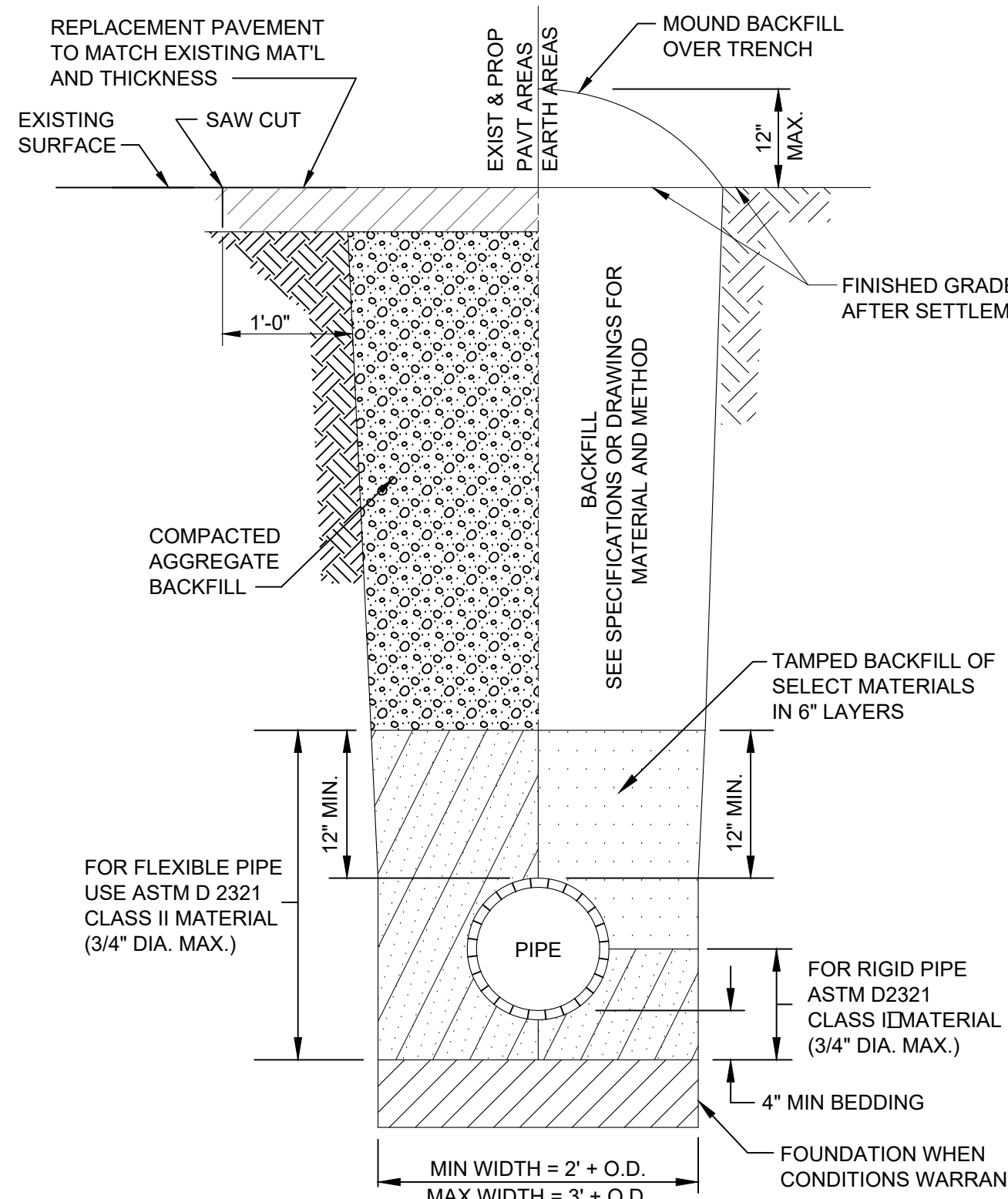
8 TYPE 'A' INLET DETAIL
N.T.S.

FIELD PREPARATION / TURF INSTALLATION NOTES

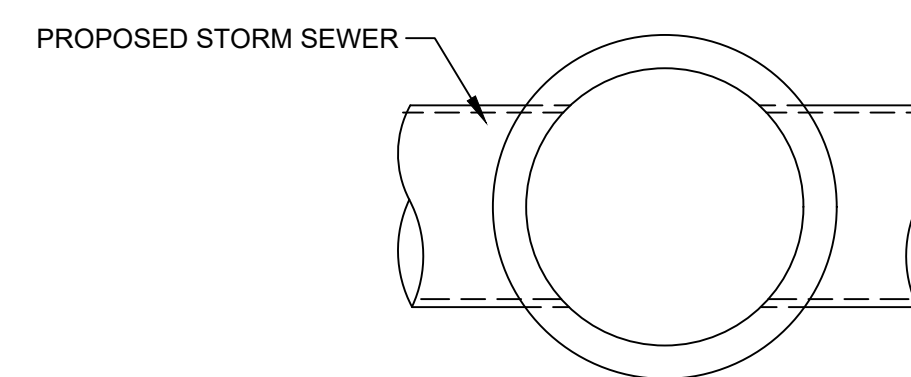
- AFTER EXCAVATION OF EXISTING SOIL TO THE PROPER ELEVATIONS REQUIRED, THE NEW SUBGRADE WILL BE SHAPED AND COMPACTED PER THE SPECIFICATIONS WITH SLOPES INDICATED ON THE GRADING PLAN.
- A NEW CONCRETE CURB AND NAILER WILL BE INSTALLED AROUND THE PERIMETER TO PROVIDE A SECURE EDGE FOR FASTENING THE SYNTHETIC TURF AND PROVIDE MAINTENANCE BORDER FOR THE PERIMETER FENCE.
- A GEOTEXTILE FILTER FABRIC OR IMPERMEABLE LINER WILL BE PLACED OVER THE SUBGRADE AND COMPOSITE DRAINS WILL BE INSTALLED AT 20 FEET ON CENTER AT A 45 DEGREE ANGLE TO THE FIELD. REFER TO THE SITE UTILITY PLAN.
- THE COMPOSITE DRAINS WILL DRAIN TO A PERIMETER COLLECTOR WHICH WILL DAYLIGHT TO THE STORMWATER DETENTION BASIN. REFER TO THE GRADING PLAN AND THE COMPOSITE DRAIN DETAIL INCLUDED ON THIS SHEET.
- CLEAN WASHED STONE WILL BE PLACED OVER THE COMPOSITE DRAINS AND THE PERIMETER COLLECTORS FINE GRADED TO ENSURE PROPER DRAINAGE.
- A 1" LAYER (MAX. DEPTH) OF FINISH STONE WILL BE FINE GRADED OVER THE BASE STONE TO ACHIEVE THE PROPOSED SLOPES.
- SYNTHETIC TURF WILL BE INSTALLED OVER THE STONE BASE AND THE SPECIFIED RUBBER INFILL WILL BE FLUSH WITH THE TOP OF THE CONCRETE CURB.



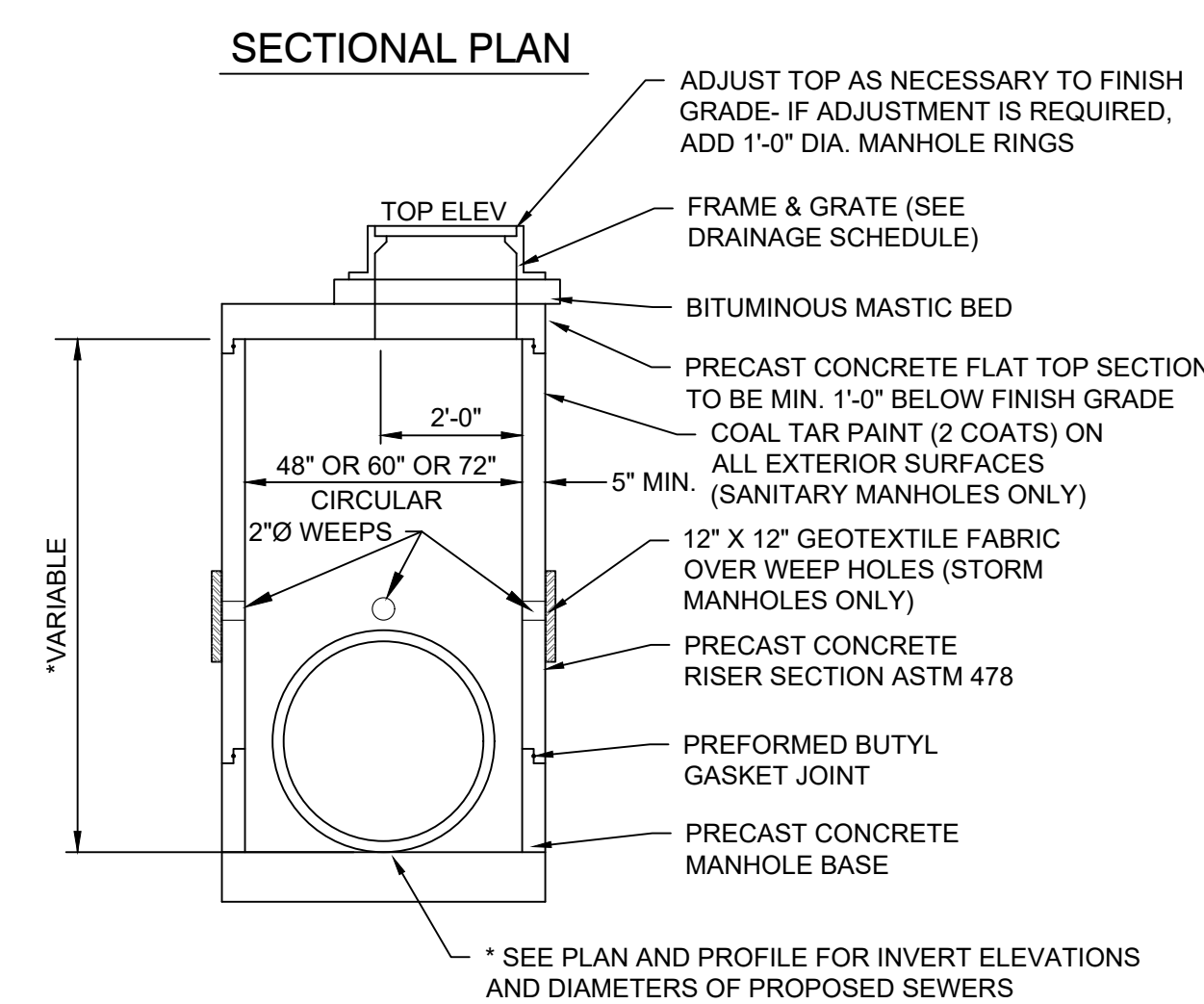
9 PERIMETER EDGE DETAIL
N.T.S.



2 SEWER TRENCH DETAIL
N.T.S.

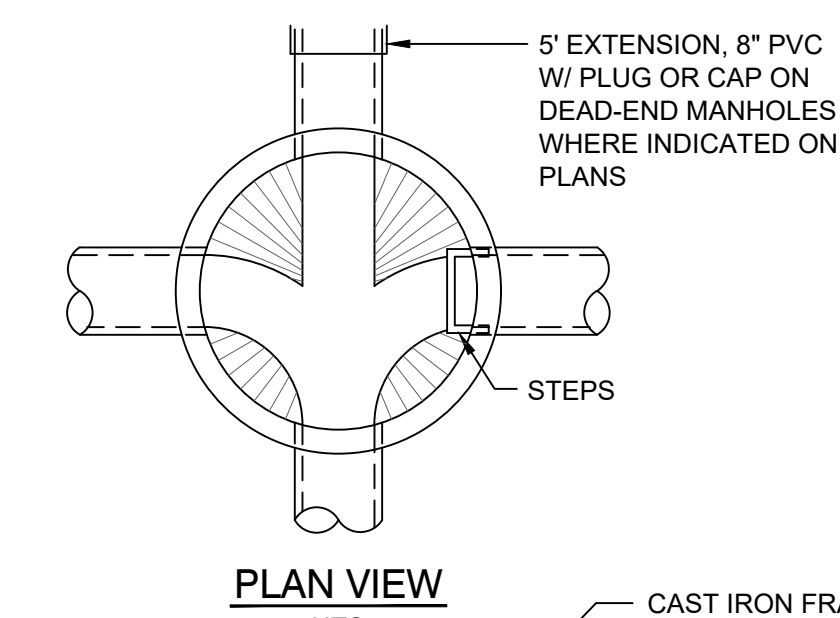


6 FLAT TOP STORM INLET/MANHOLE
N.T.S.

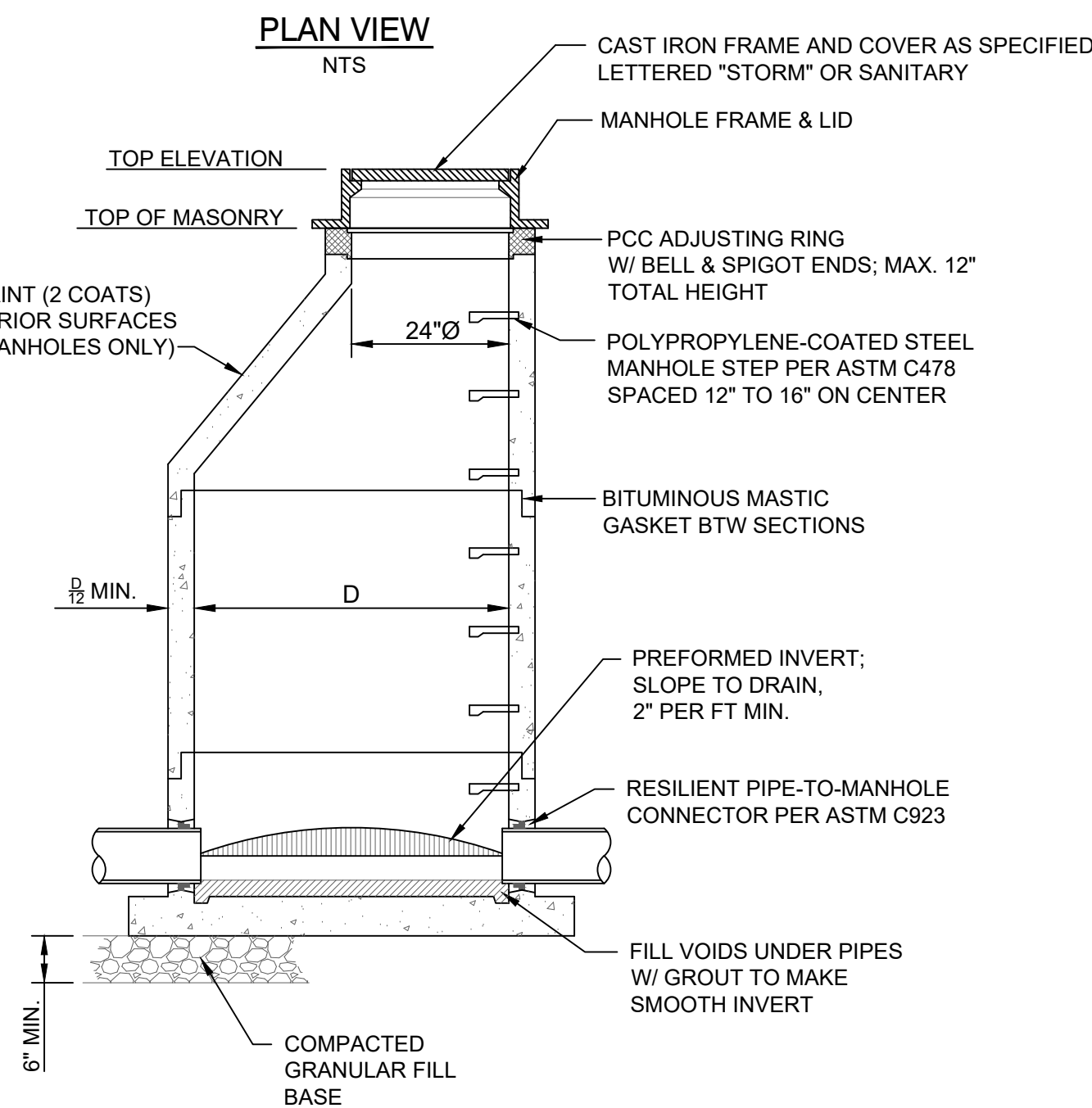


SECTION

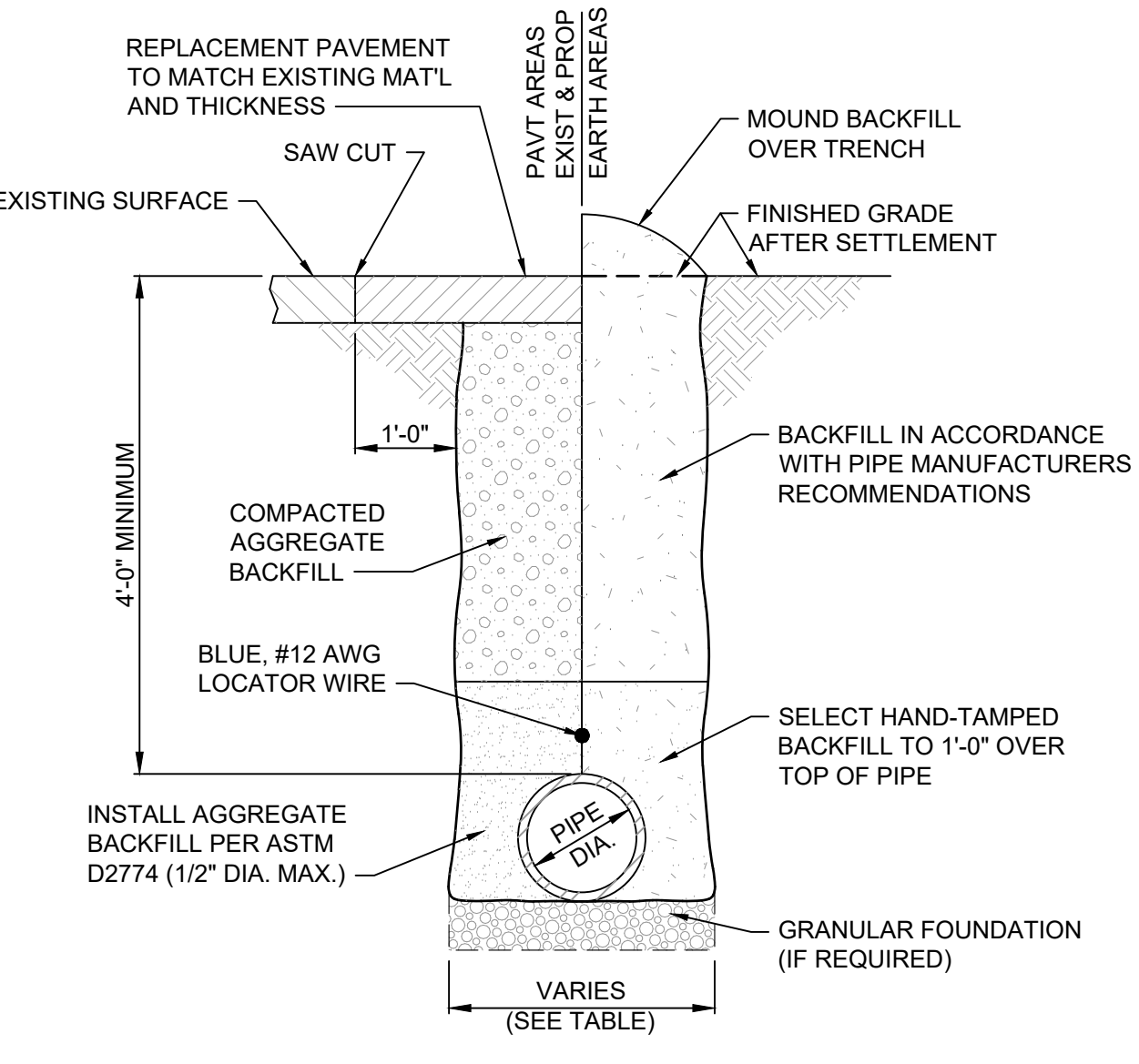
6 FLAT TOP STORM INLET/MANHOLE
N.T.S.



PLAN VIEW

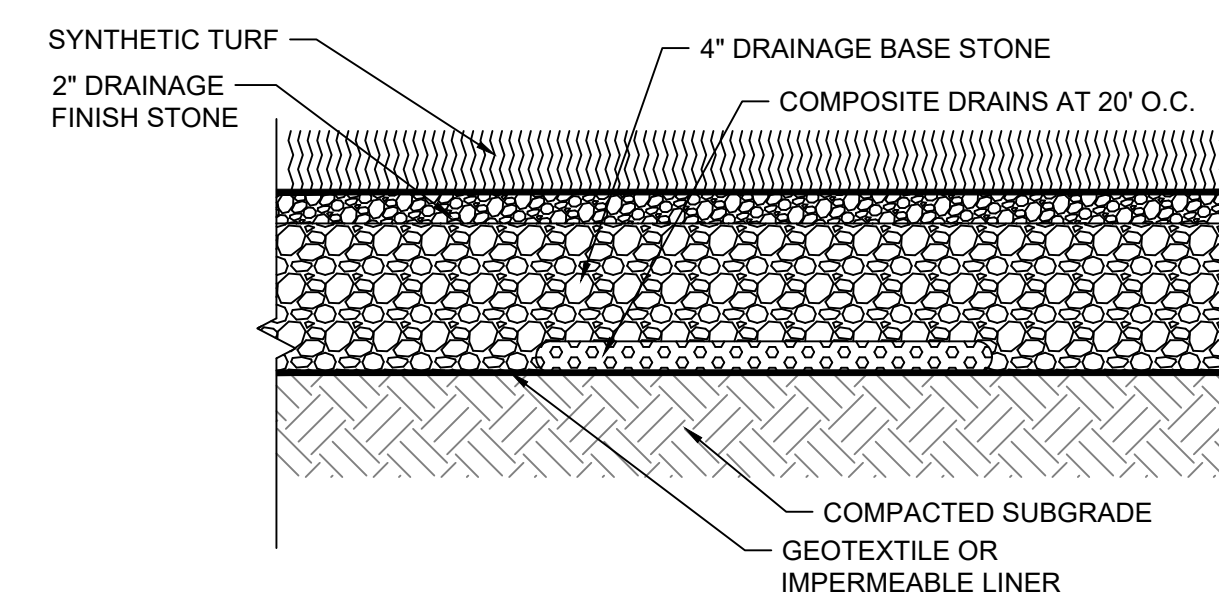


3 STANDARD MANHOLE DETAIL
N.T.S.



7 WATER PIPE INSTALLATION
N.T.S.

TRENCH WIDTHS		
PIPE DIA.	MAXIMUM	MINIMUM
2"	26"	10"
4"	28"	12"
6"	30"	14"
8"	32"	16"
10"	34"	18"
12"	36"	20"
24"	56"	32"



10 COMPOSITE DRAIN DETAIL
N.T.S.

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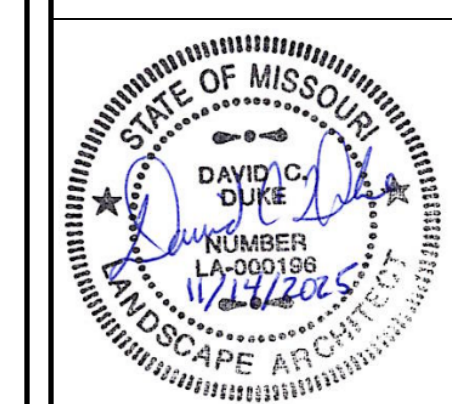
REVISION HISTORY

NO.	DESCRIPTION	DATE	AUTH.
1			

Klingner & Associates, P.C.
Missouri State Certificate of Authority
No. E-000866

ISSUED FOR: 11/14/2025

BIDDING DOCUMENTS



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/DDR
MAN/FGH	FIELD BOOK
CHECKED	CHECK DATE
CSW	11/11/2025

SHEET TITLE

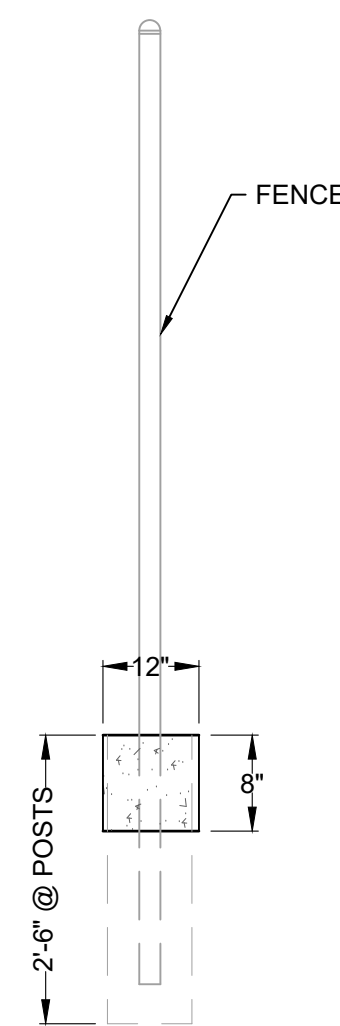
SITE DETAILS

PROJECT NO. 24-5017

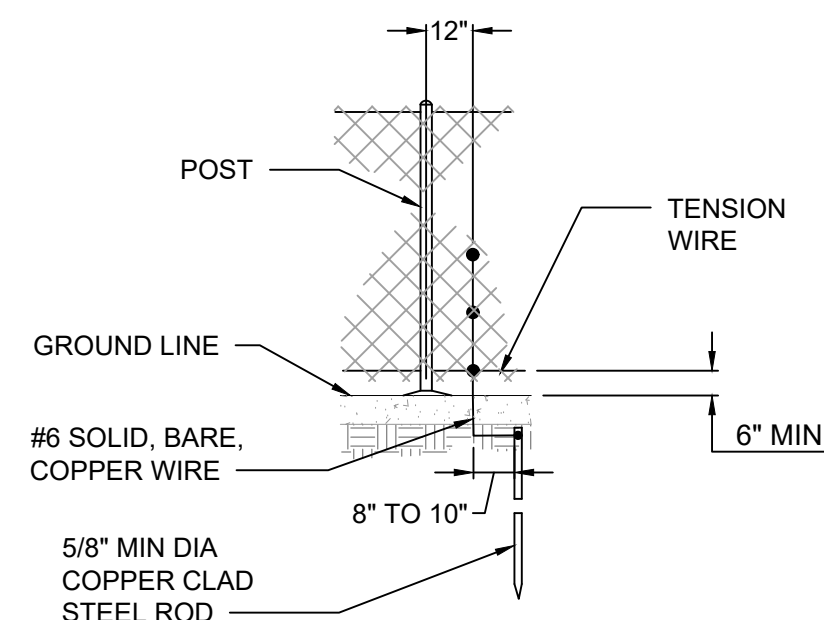
DRAWING ISSUED DATE: 11/14/2025

SHEET

C502



1 FENCE/BORDER DETAIL
N.T.S.

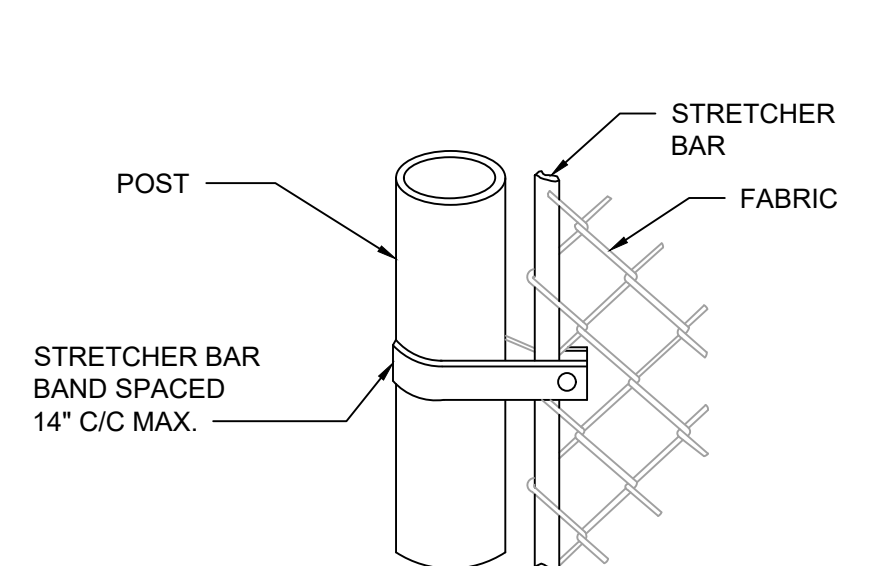


STANDARD GROUND

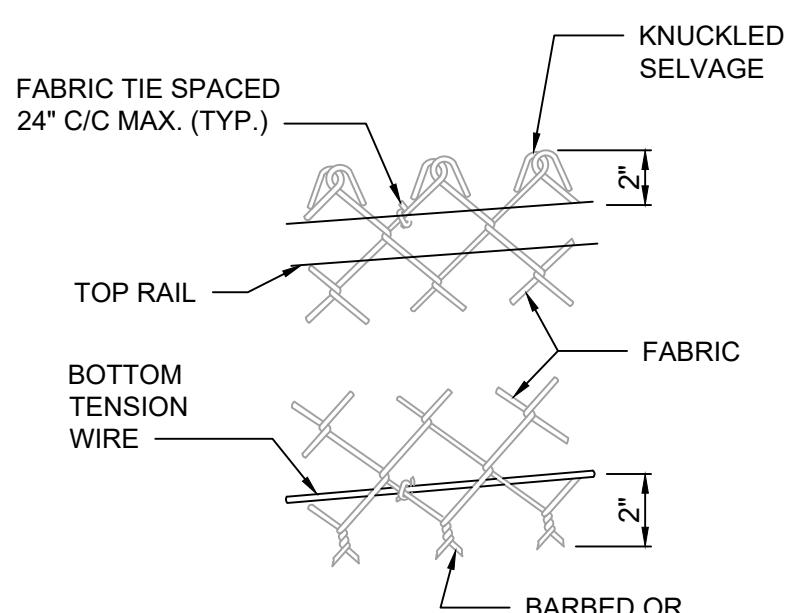
PROTECTIVE ELECTRICAL GROUNDS

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.

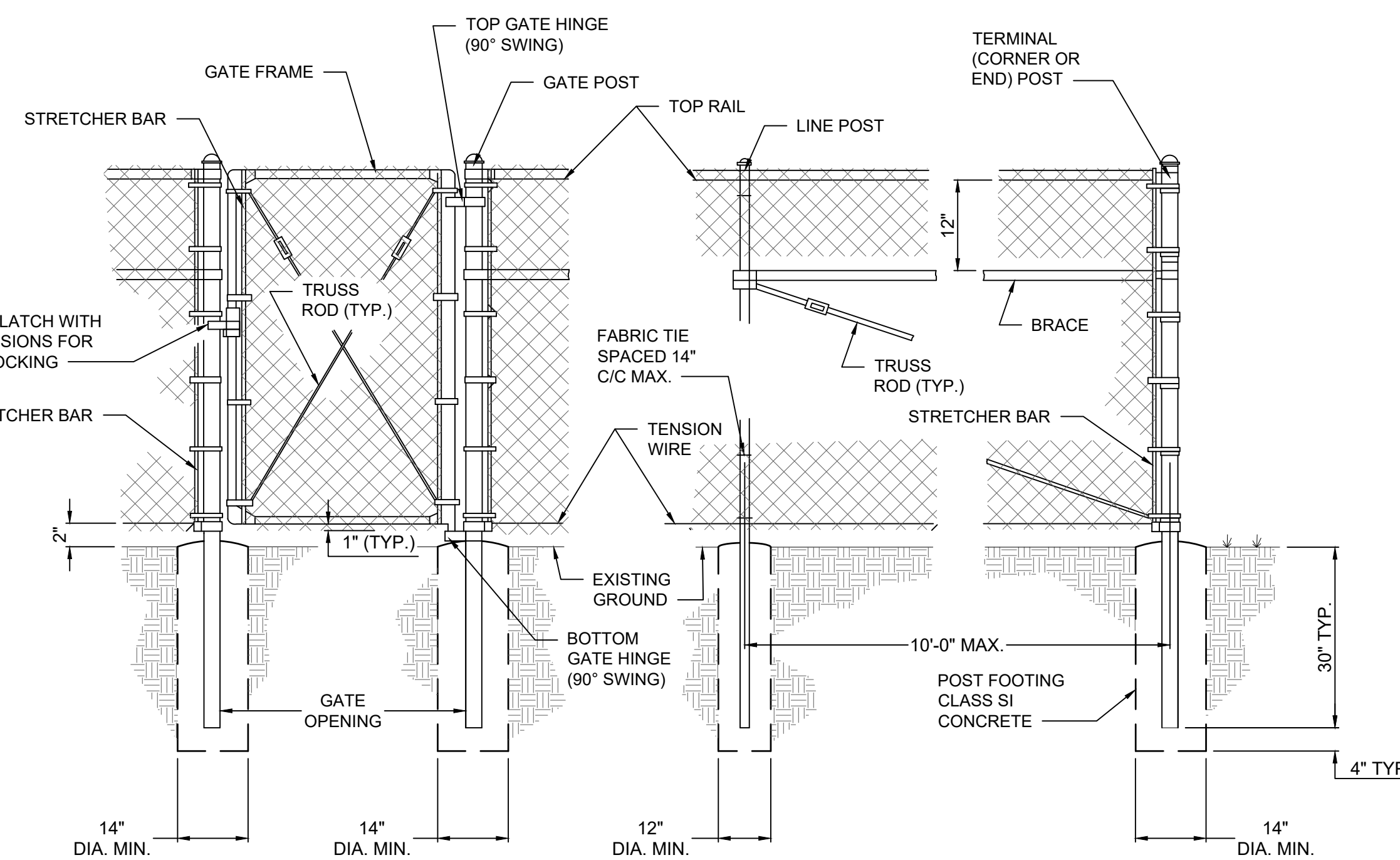
THE GROUND WIRE SHALL BE CONNECTED TO THE FABRIC AND THE GROUND ROD BY A MECHANICAL CLAMP OF CAST BRONZE OR STAINLESS STEEL BOLTS AND WASHERS.



METHOD OF FASTENING
STRETCHER BAR TO POST



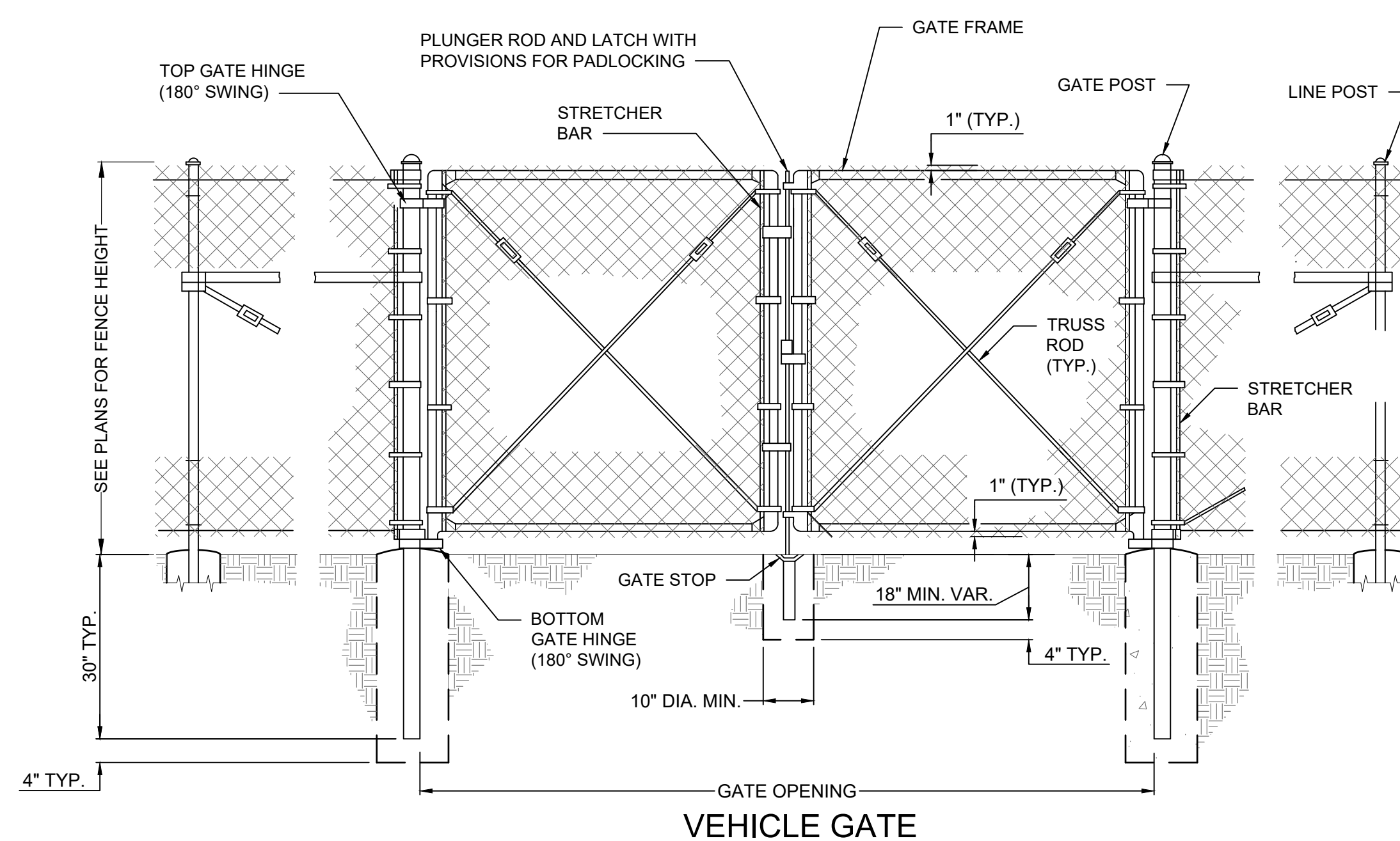
METHOD OF TYING
FABRIC TO TENSION WIRES



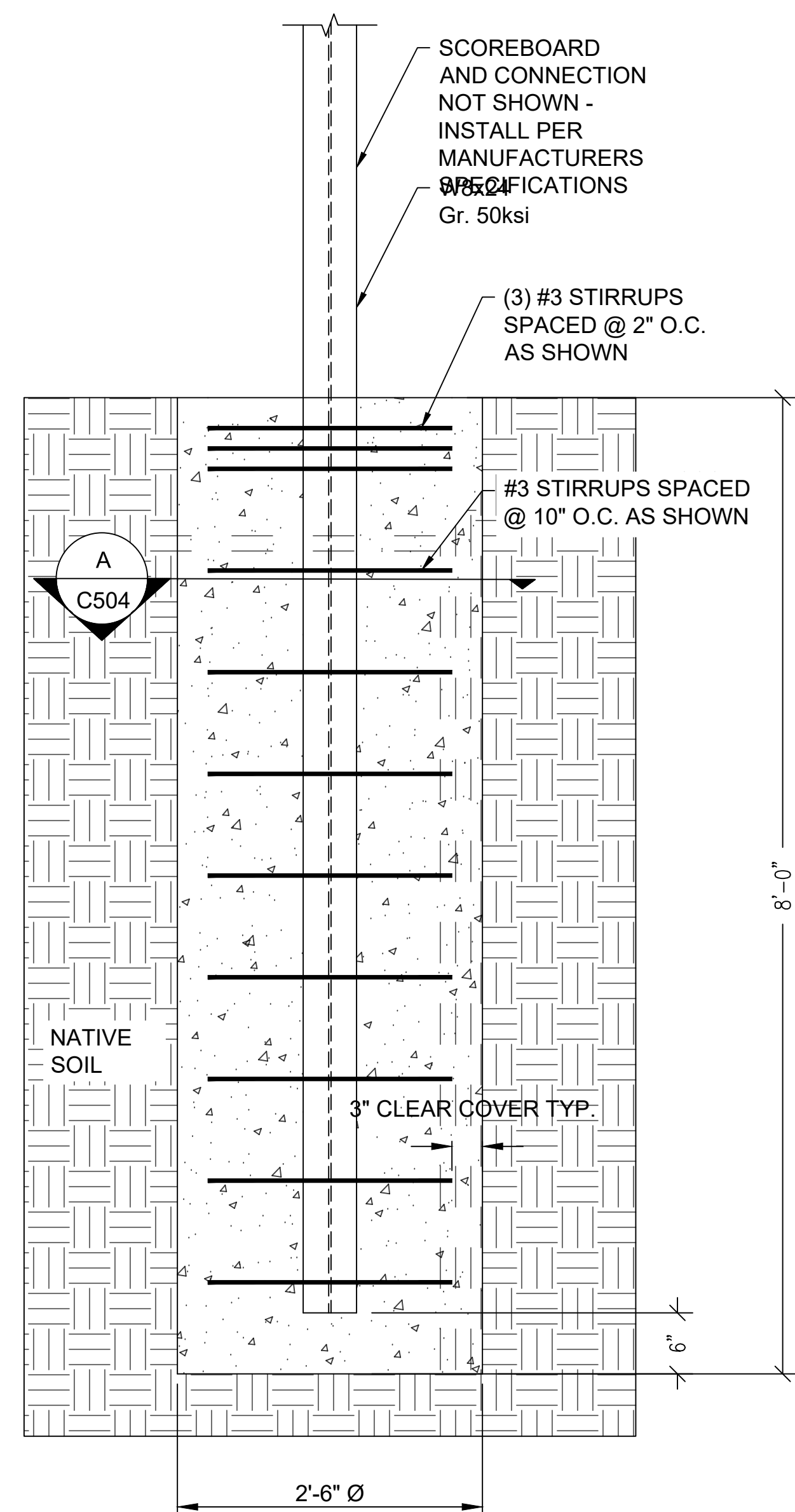
PEDESTRIAN GATE

LINE POST

CORNER
OR
END POST

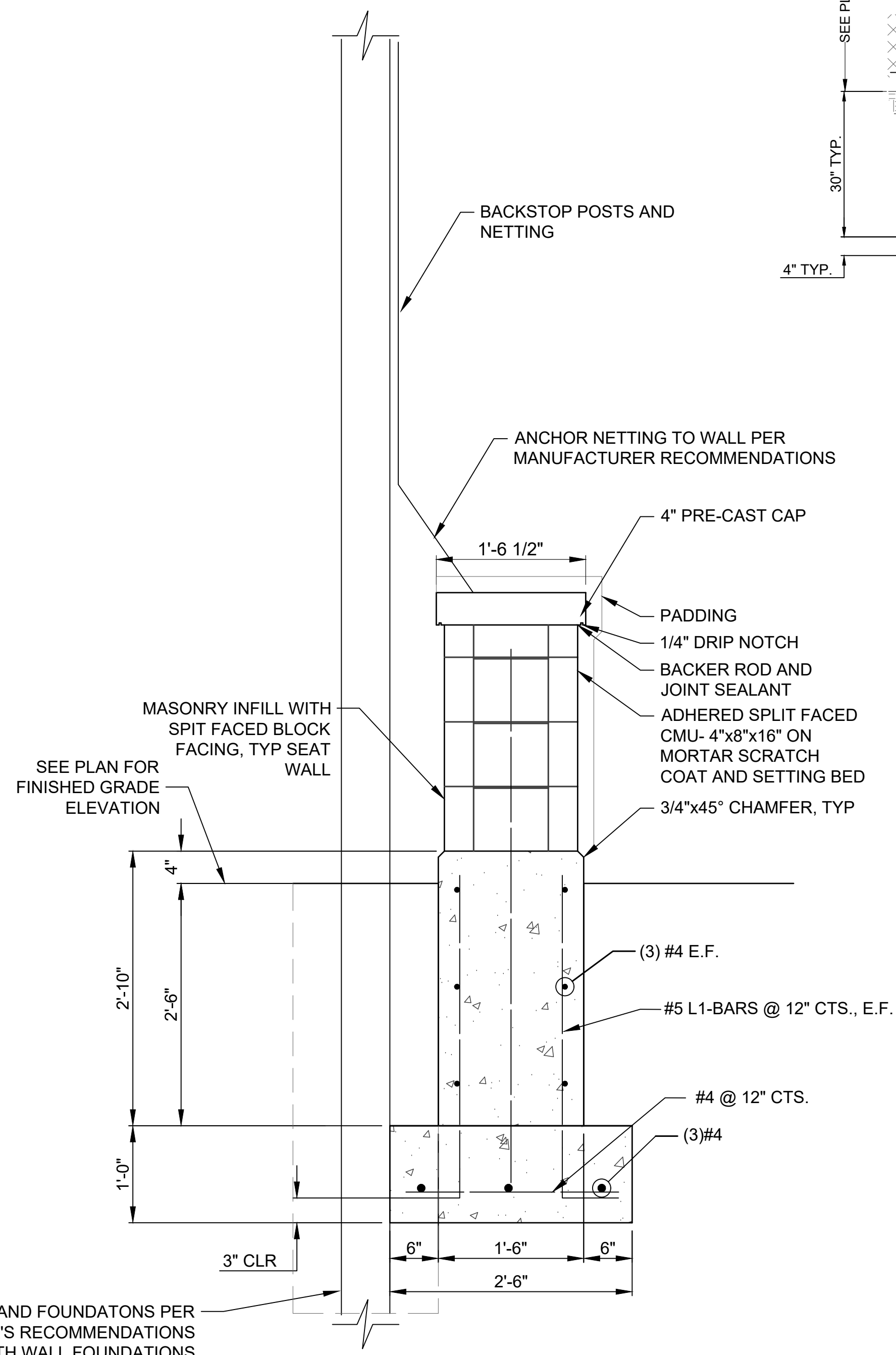
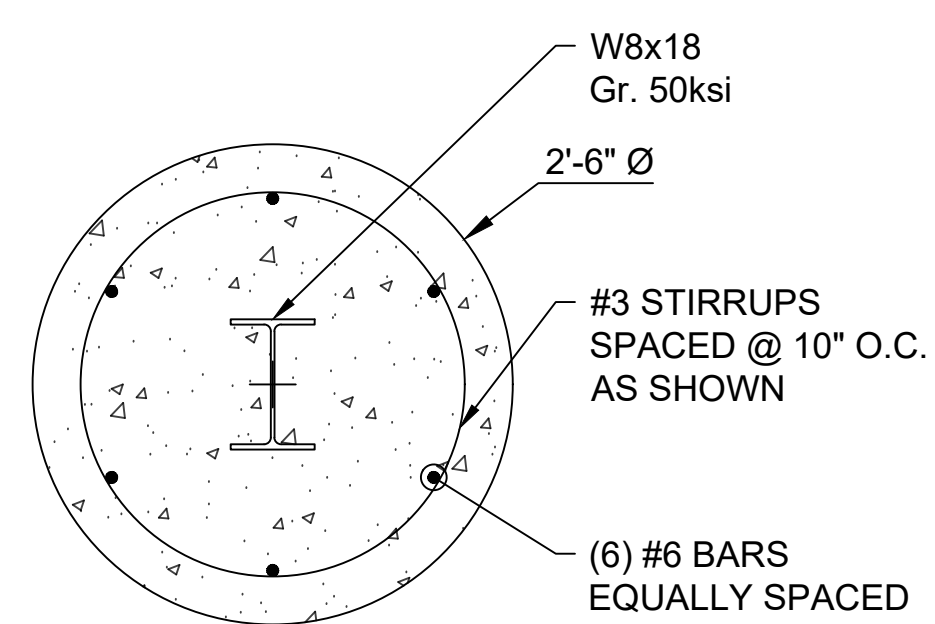


2 CHAIN LINK FENCE DETAIL
N.T.S.



NOTE: TYPICAL OF TWO (2)

3 SCOREBOARD FOOTING/POST DETAIL
N.T.S.



4 SECTION
3/4"=1'-0"

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REVISION HISTORY

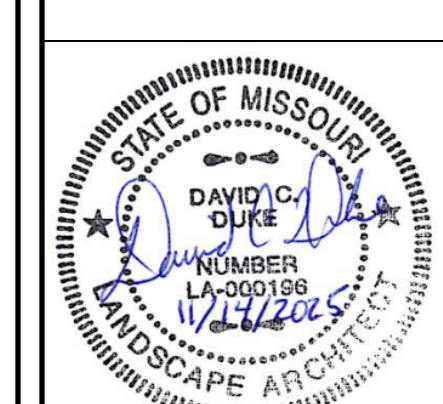
NO.	DESCRIPTION	DATE	APP'D.

NO.	DESCRIPTION	DATE	APP'D.

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No. E-000896

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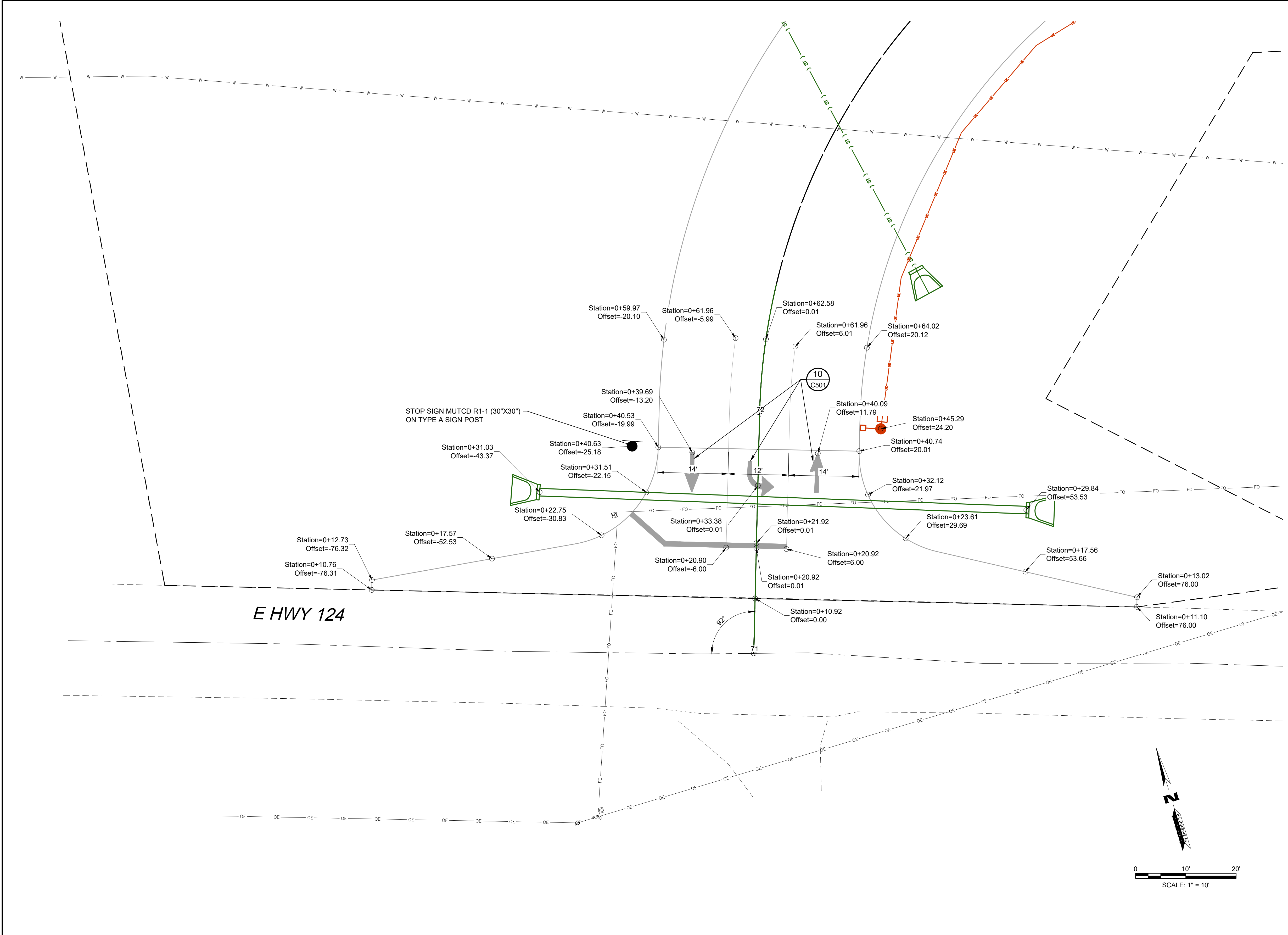


NEW ALL PURPOSE FIELD AND PARKING LOT
HALLSVILLE R-IV SCHOOL DISTRICT
411 E. HIGHWAY 124
HALLSVILLE, MO 65255

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

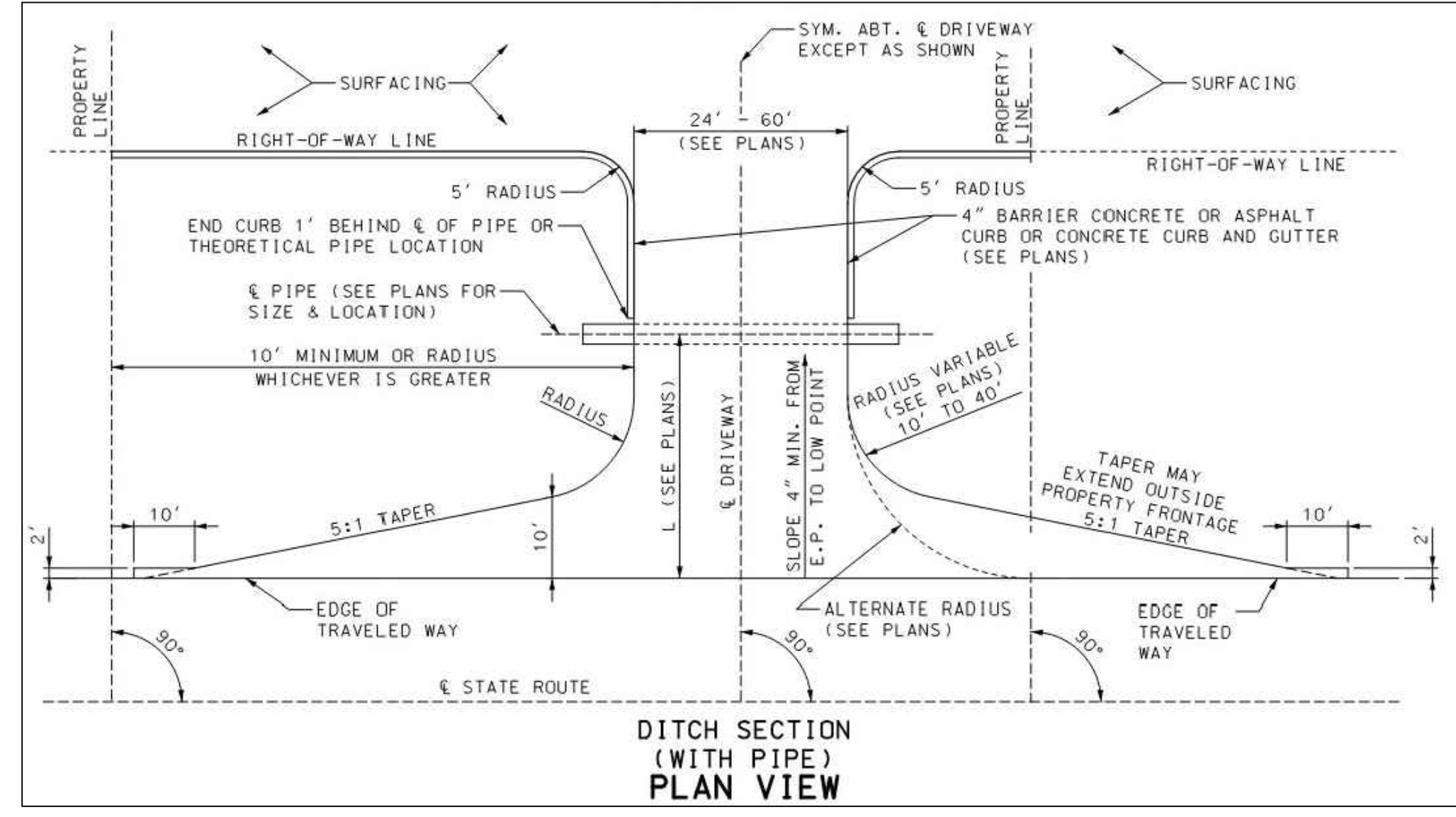
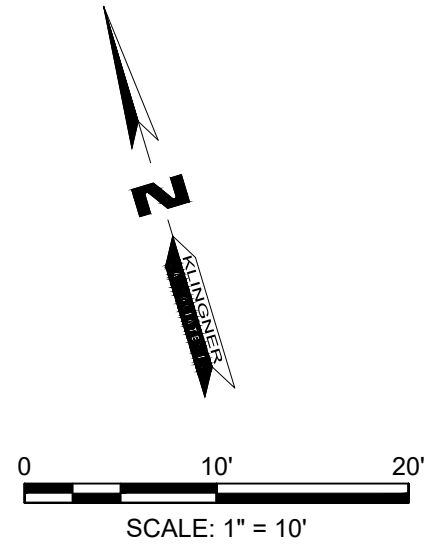
DESIGNED	DCD	DCD/DDR
FIELD	MAN/JTG	FIELD BOOK
CHECKED	CSW	CHECK DATE
		11/14/2025

SHEET TITLE	
FENCE DETAILS	
PROJECT NO.	24-5017
DRAWING ISSUED DATE:	11/14/2025
SHEET	
C504	



E HWY 124

1 INTERSECTION DETAIL EAST HIGHWAY 124 AND PROPOSED ROADWAY
SCALE: 1"=10'-0"



GENERAL NOTES:

FOR LIGHT DUTY PAVEMENT (<C3500 ADT) DRIVEWAY BEGINS AT EDGE OF PAVEMENT.

RECOMMENDED WIDTH OF DRIVEWAY - 40'. SKETCH OR PLAN REQUIRED.

NO PART OF THE DRIVEWAY EXCLUDING TAPERS SHALL BE CONSTRUCTED OUTSIDE OF THE PROPERTY FRONTAGE.

SURFACING SHALL BE AS SHOWN ON THE PLANS OR PERMIT.

4 INCHES OF TYPE 1 OR 5 BASE SHALL BE PLACED AND COMPACTED BENEATH THE AREAL SURFACE OF CONCRETE AND ASPHALT DRIVEWAYS.

LENGTH OF PIPE SHALL BE DETERMINED BY DEPTH AND LOCATION OF DITCH. (SEE PLANS).

IF A PAVED APPROACH IS REQUIRED, REFER TO STANDARD PLAN 608.00 FOR CONSTRUCTION DETAILS AND CONSTRUCT CURB (IF REQUIRED) TO MEET CURB ON PAVED APPROACH. TRANSITION REQUIRED FROM 4" CURB TO 6" CURB.

CURB OR CURB AND GUTTER BETWEEN RIGHT-OF-WAY LINE AND PIPE MAY MEET LOCAL AGENCY STANDARDS.

PIPE SIZE AND LOCATION TO BE DETERMINED BY GEOMETRICS AND DRAINAGE CONDITIONS (SEE PLANS).

THIS DRAWING ILLUSTRATES DRIVEWAY DETAILS FOR MINIMUM SITUATIONS. TRAFFIC VOLUMES, SAFETY CONSIDERATIONS, DRAINAGE CONSIDERATIONS, LOCAL REQUIREMENTS, ETC., MAY DICTATE MORE EXTENSIVE IMPROVEMENTS THAN ILLUSTRATED.

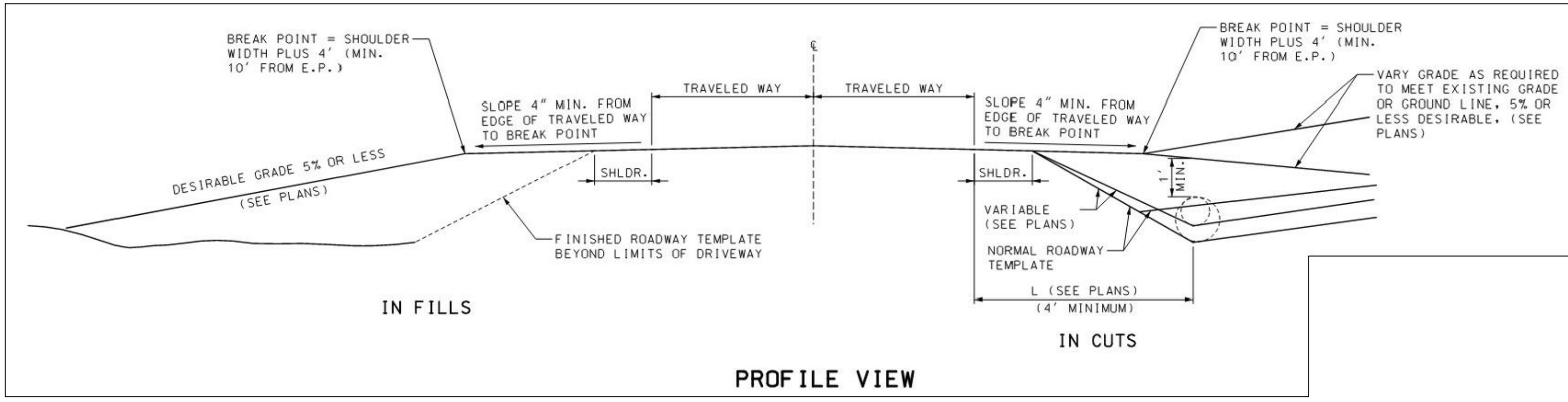
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
108 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-278-4636)

DRIVEWAY
TYPE III

DATE EFFECTIVE: 07/01/2020
DATE PREPARED: 3/29/2020

203.63C

SHEET NO.
1 OF 2



PROFILE VIEW

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REVISION HISTORY

NO.	DESCRIPTION	DATE	APP'D.

Klingner & Associates, P.C.
Missouri State Certificate of Authority
No. E-000896

ISSUED FOR: 11/14/2025

BIDDING DOCUMENTS



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: OGD	DRAWN: DCD/DDR
FIELD: MAN/WFGH	FIELD BOOK: H20304
CHECKED: CSW	CHECK DATE: 11/11/2025

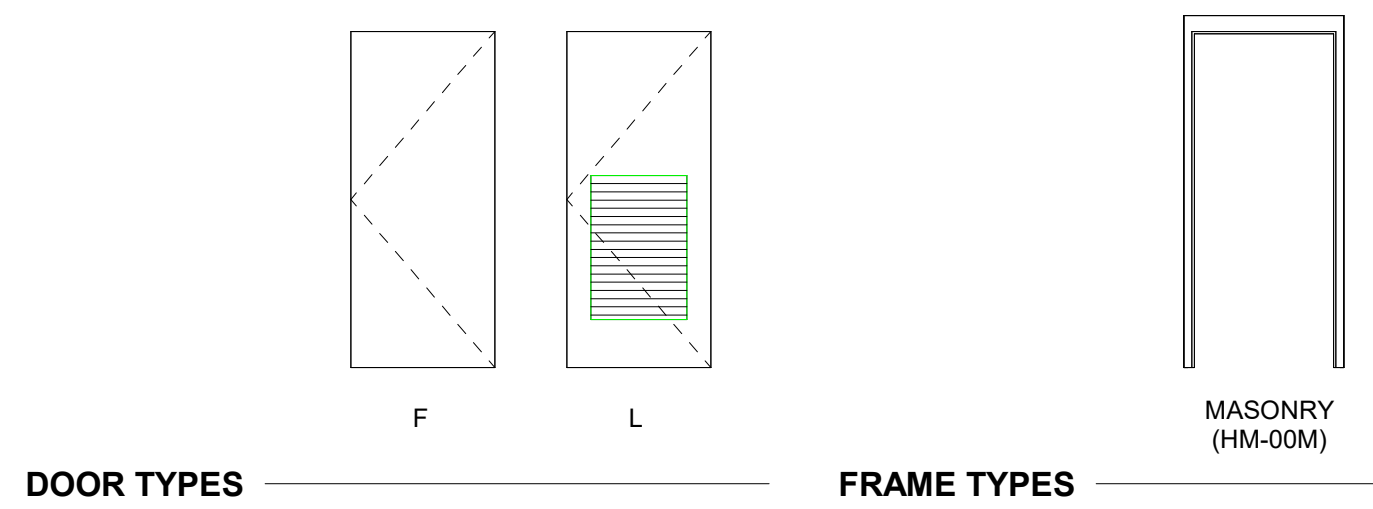
SHEET TITLE
INTERSECTION
DETAILS

PROJECT NO.
24-5017
DRAWING ISSUED DATE:
11/14/2025

SHEET
C505

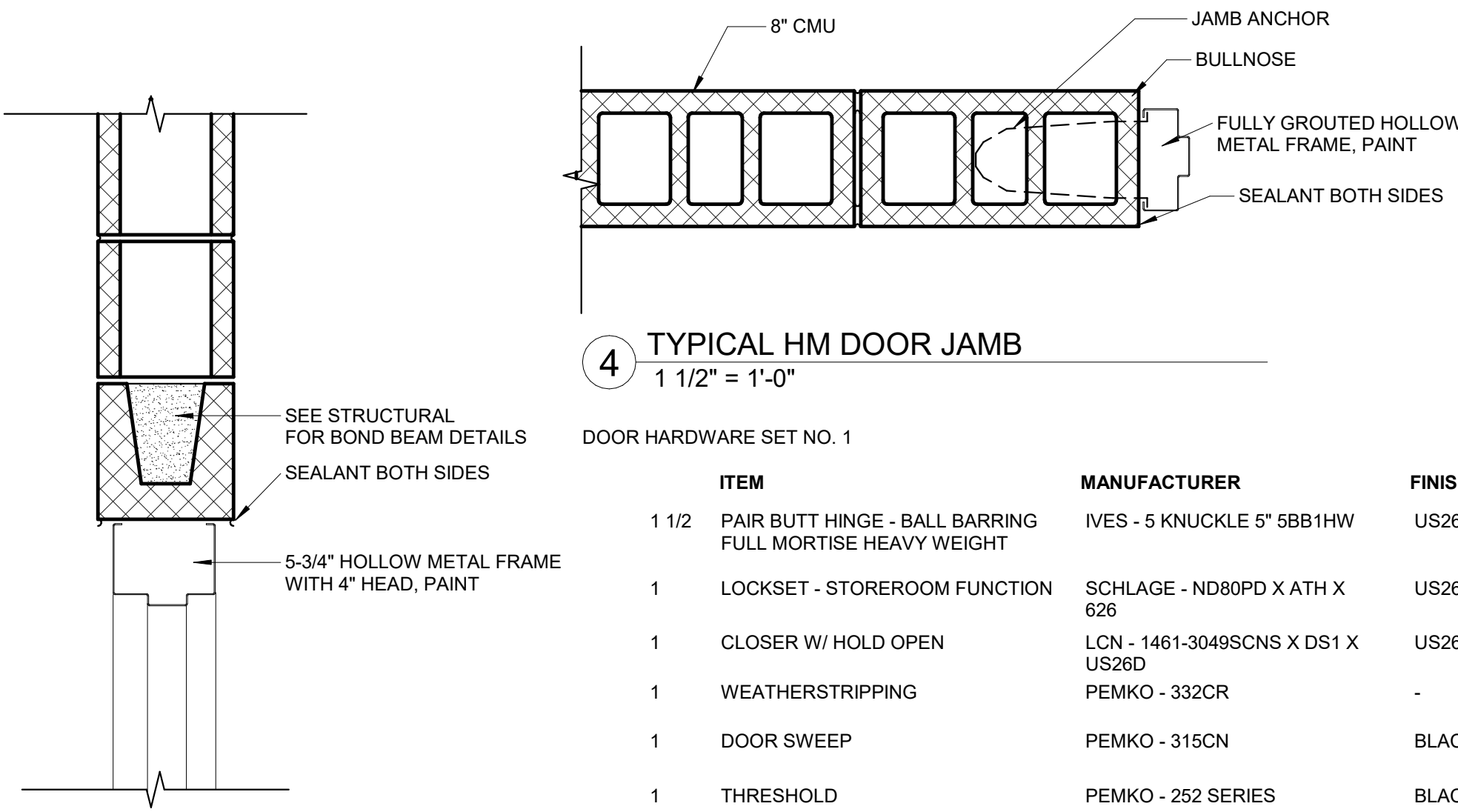
DOOR AND FRAME SCHEDULE																
DOOR NUMBER	SIZE	FRAME			MATERIAL			FINISH			DETAILS		FIRE RATING	HARDWARE GROUP	DOOR NUMBER	REMARKS
		WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	JAMB				
100	3'-0"	7'-0"	1 3/4"	F	HM	PAINT	HM-00M	HM	PAINT	3/A110	4/A110		01	100		
101	3'-0"	7'-0"	1 3/4"	L	HM	PAINT	HM-00M	HM	PAINT	3/A110	4/A110		01	101		

WINDOW SCHEDULE					
W	ROUGH OPENING		ROUGH SILL	FRAME MATERIAL	COMMENTS
	HEIGHT	WIDTH	HEIGHT		
W1	4'-0"	6'-8"	3'-4"	VINYL	
L1	1'-4"	1'-4"	6'-8"	ALUMINUM	



DOOR TYPES

FRAME TYPES



4 TYPICAL HM DOOR JAMB
1 1/2" = 1'-0"

DOOR HARDWARE SET NO. 1			
ITEM	MANUFACTURER	FINISH	
1 1/2 PAIR BUTT HINGE - BALL BARRING FULL MORTISE HEAVY WEIGHT	IVES - 5 KNUCKLE 5" 5BB1HW	US26D	
1 LOCKSET - STOREROOM FUNCTION	SCHLAGE - ND80PD X ATH X 626	US26D	
1 CLOSER W/ HOLD OPEN	LCN - 1461-3049SCNS X DS1 X US26D	US26D	
1 WEATHERSTRIPPING	PEMCO - 332CR	-	
1 DOOR SWEEP	PEMCO - 315CN	BLACK	
1 THRESHOLD	PEMCO - 252 SERIES	BLACK	
1 LOCKGUARD	IVES - LG13	US26D	

3 TYPICAL HM DOOR HEAD
1 1/2" = 1'-0"

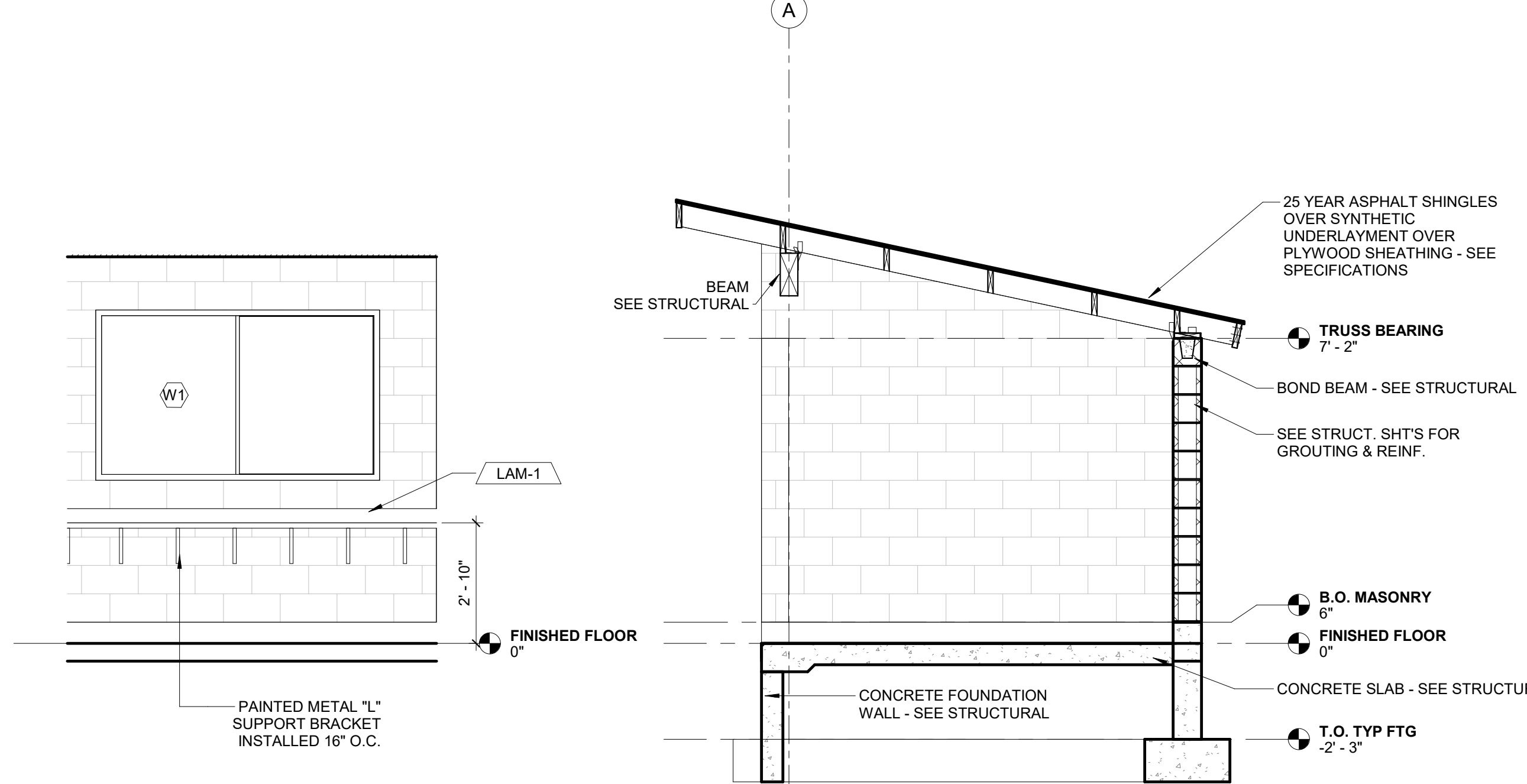
5 DOOR HARDWARE SCHEDULE.
1 1/2" = 1'-0"

PAINT SCHEDULE			
TAG	MANUFACTURER	PRODUCT DESCRIPTION	REMARKS
PNT-0	SHERWIN WILLIAMS	COLOR: SW 7006 PLAIN EXTRA WHITE	FIELD PAINT
PNT-1	SHERWIN WILLIAMS	COLOR: SW 6983 FULLY PURPLE	METAL DOOR AND FRAMES

GENERAL NOTES - INTERIOR

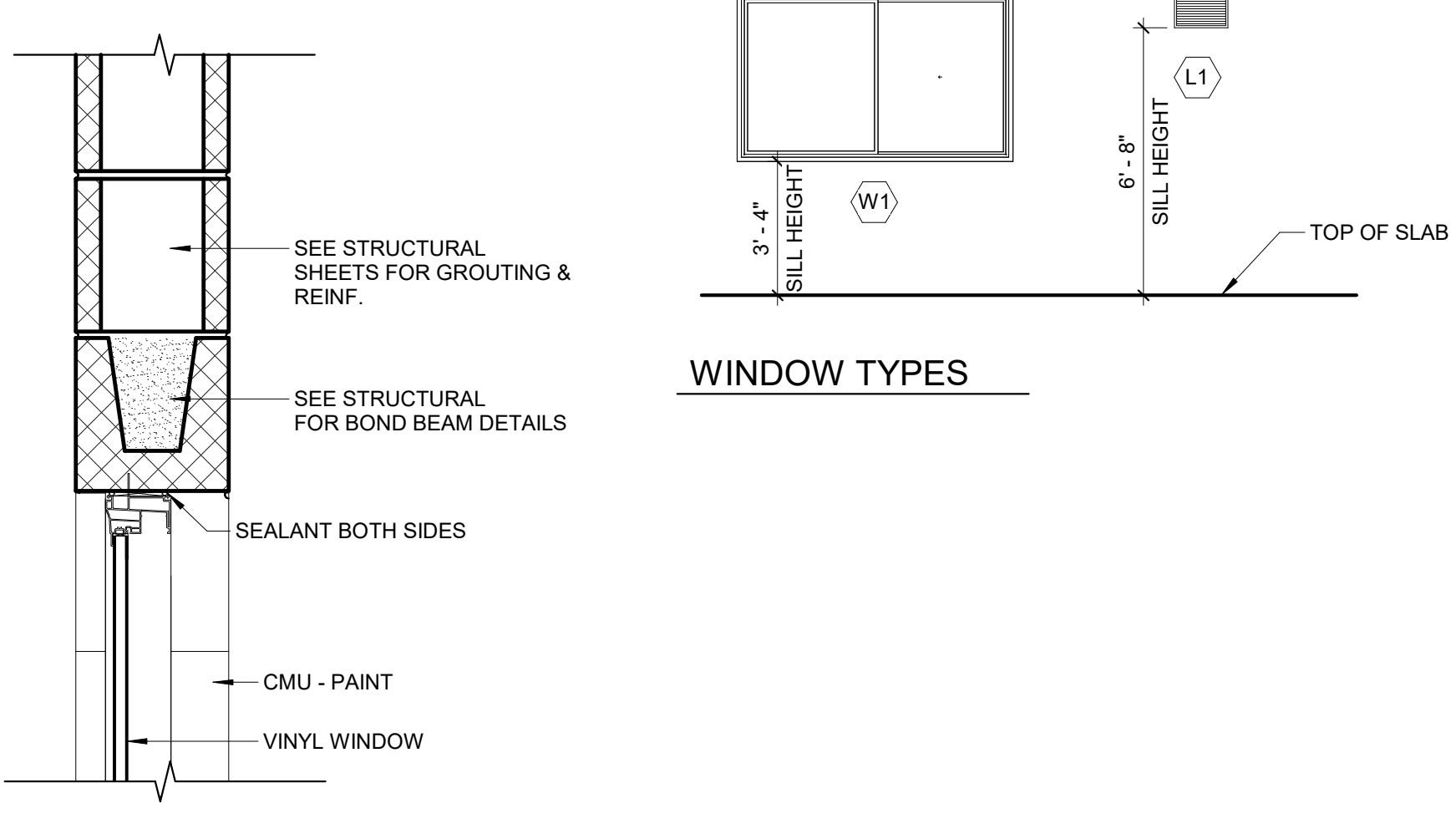
- ALL CONTRACTORS TO FIELD VERIFY ALL CONDITIONS AND DIMENSIONS.
- ALL WOOD BEAMS, COLUMNS, AND UNDERSIDE OF ROOF SHEATHING SHALL BE PNT-0, UNLESS OTHERWISE NOTED OR SHOWN.
- ALL METAL DOORS, DOOR FRAMES, AND WINDOW FRAMES SHALL BE PNT-1, UNLESS OTHERWISE NOTED OR SHOWN.

SURFACES - HORIZONTAL			
TAG	MANUFACTURER	PRODUCT DESCRIPTION	REMARKS
LAM-1	WILSONART	BASIS OF DESIGN PRODUCT: RUSTIC SLATE 4888-38	



6 PRESS BOX INTERIOR ELEVATION
3/8" = 1'-0"

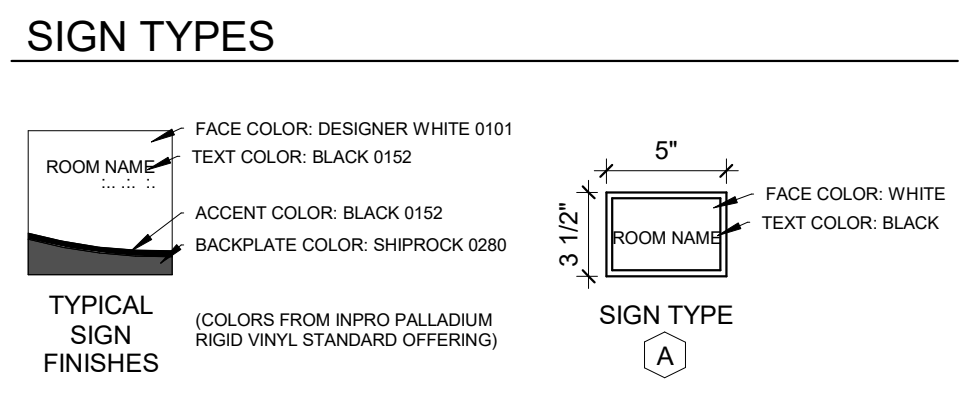
9 BUILDING SECTION
3/8" = 1'-0"



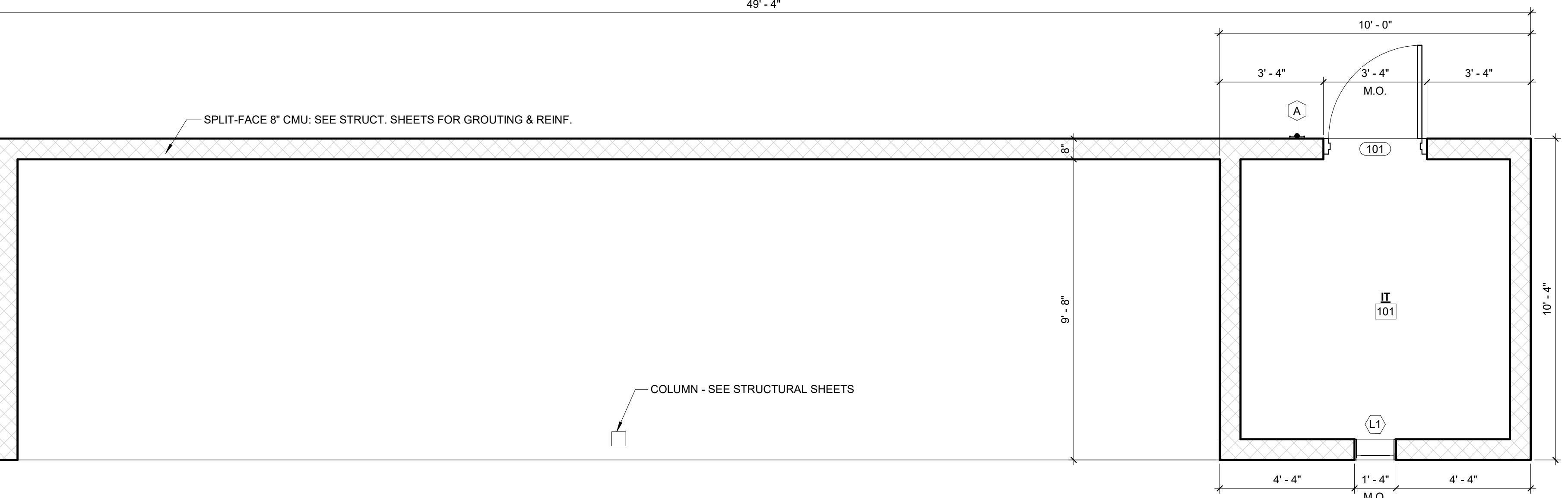
7 TYPICAL WINDOW HEAD (JAMB AND SILL SIM.)
1 1/2" = 1'-0"

FIRST FLOOR SIGNAGE SCHEDULE				
ROOM NUMBER	ROOM NAME	ROOM NAME FOR SIGN	SIGN TYPE	SIGN COUNT
100	PRESSBOX	PRESSBOX	A	1
101	IT	IT CLOSET	A	1

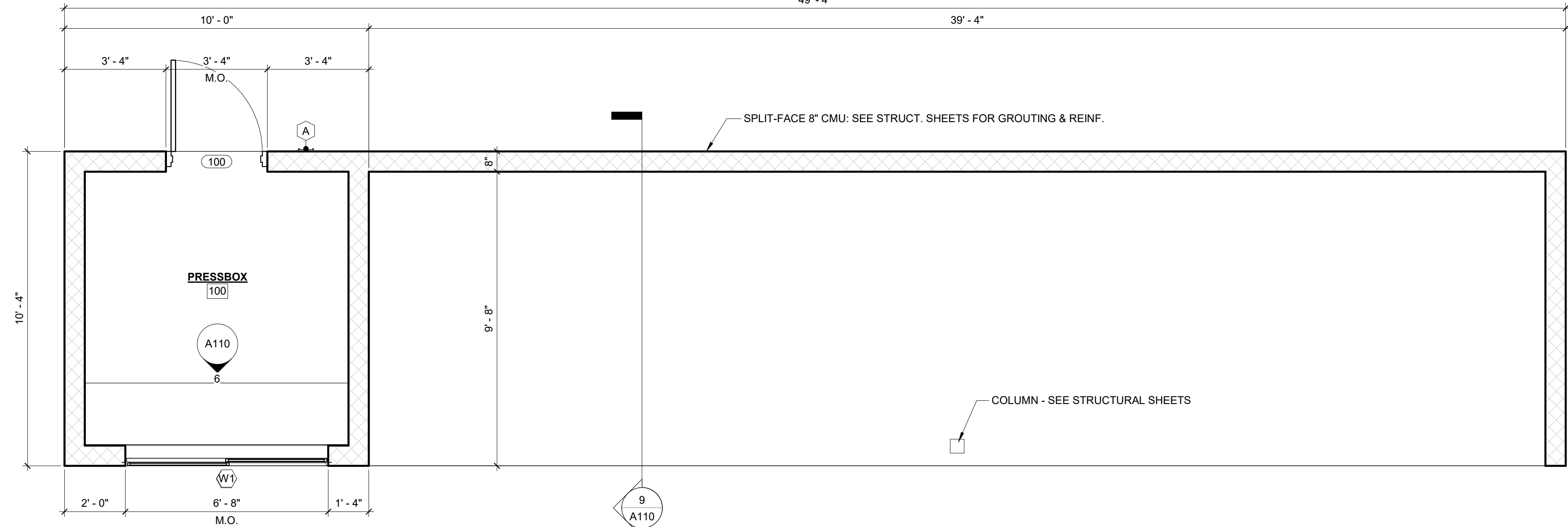
**VERIFY ROOM NAMES / ROOM NUMBERS WITH CLIENT PRIOR TO ORDERING



SIGN TYPES



2 1ST BASE DUGOUT PLAN
3/8" = 1'-0"



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

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

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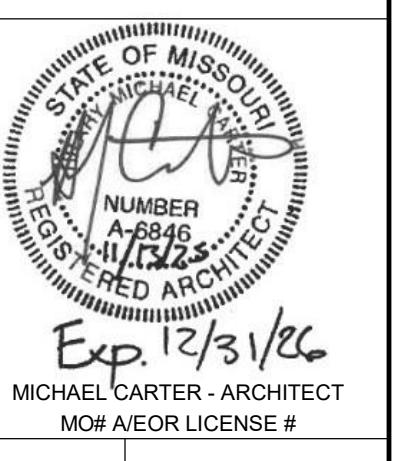
REVISION HISTORY

DESCRIPTION	DATE	APPR

Klingner & Associates, P.C.
Missouri State Certificate of Authority No. E-000866

ISSUED FOR 11/14/2025

BIDDING DOCUMENTS



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	JRT	DRAWN	JRT
FIELD	MHB	FIELD BOOK	CHECK DATE

ARCHITECTURAL DETAILS

PROJECT NO. 24-5917
DRAWING ISSUED DATE: 11/14/2025
SHEET

A110

DESIGN CRITERIA

- 1. BUILDING CODES:
A. IRC 2015
B. ASCE 7-10
2. DESIGN LOADS:
A. Risk Category III
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 = 22 psf
d. Snow Load Importance, I_s = 1.1
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 = 120 mph
b. Exposure Category C
c. Internal pressure Coefficient, GC_p = +/-0.55
d. Components and Cladding Design per ASCE 7
F. Seismic Loading
a. Importance Factor, I_h = 1.25
b. Site Class D (assumed)
c. S_a = 0.171 (S_s = 16.0%)
d. S_u = 0.146 (S_1 = 9.1%)
e. Seismic Response Coefficient, C_s = 0.107
f. Seismic Design Category C
g. Design Coefficients and Factors for Seismic Force-Resisting Systems
- Ordinary Reinforced Masonry Shear Walls
1. Response Coefficient, R = 2
2. Deflection Amplification Factor, C_d = 1.3/4
3. System Overstrength Factor, O_s = 2
h. Component Design per ASCE 7
i. Seismic Base Shear = W x C_s
3. DEFLECTION LIMITS:
A. Roof Framing
a. Roof Live Load = L/240 Vertical
b. Roof Total Load = L/180 Vertical
B. Wall Framing
a. 10y/ Wind = H/240 Horizontal
C. Linets:
a. Total Load = L/600 or 0.3 inches (whichever is less) Vertical

FOUNDATION

- 1. The contractor shall familiarize themselves with the survey and the geotechnical investigation report before starting construction. All foundation work shall be in accordance with the recommendations of the geotechnical report by Geotechnics dated May 20, 2025, except where noted otherwise in the drawings and specifications.
2. A soil testing laboratory shall be retained by the owner for project construction review, to ensure conformance with the construction documents during the excavation, back fill and foundation phases of the project.
3. Foundation design is based on:
A. 1500 psf net allowable soil bearing pressure for isolated column footings.
B. 1500 psf net allowable soil bearing pressure for continuous wall footings.
C. Minimum 30" inches isolated footing width.
D. Minimum 24" inches continuous footing width.
E. Minimum 36" frost depth.
4. All fill material shall be free of organic contaminations and other deleterious matter.
5. The contractor shall follow the floor slab over-excavation and subgrade preparation recommendations listed in the aforementioned geotechnical report and those listed in the following section.
6. All soil surrounding and under footings shall be protected from frost action and freezing during the course of construction.
7. Notify structural engineer of any unusual soil conditions that are in variance with the geotechnical report.
8. 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 cleaning, if required and setting of reinforcing steel should then be completed from the sides of the excavation.

OVER EXCAVATION FILL

- 1. Portions of the loessal soils and/or recent fill may be soft and unstable due to excessive moisture. Unsuitable (soft or unstable) natural soils and/or recent fill shall be removed from the footing excavations, and replaced with suitable material as recommended below. Observation by a geotechnical engineer is required at the time of excavation to determine the presence and competency of the expected bearing strata and to document removal of unsuitable soils.
2. Replacement material for unsuitable soils under footings may consist of granular material that is placed in 8" or less lifts and compacted to at least 95% of the standard proctor maximum dry density (ASTM D 698) at moisture contents of -2% to +6% of optimum or flowable fill (Controlled Low Strength Material, CLSM).
3. The depth of over-excavation under footings should be at least 2 feet below the bottom of footing (or to adequate bearing material, whichever is deeper) and the over-excavation should be at least 50% wider than the footing width for lateral stress dissipation. If flowable fill is used as replacement material below footings, over widening is not necessary. Backfill materials required for confined spaces such as the former septic tank (if present) and/or other buried structures left in-place should consist of clean gravel or crushed stone that is compacted to at least 75% of the maximum relative dry density as per ASTM D 4253 and D 4254 or flowable fill.

BUILDING PAD PREPARATION

- 1. All building pad preparation shall follow the recommendations of the geotechnical report, unless otherwise noted.
2. All trees, brush, roots, topsoil, rubble, organically contaminated or otherwise objectionable materials encountered are to be removed from the structural areas of the site.
3. Subgrade sections which will exist in cut and those which are to support fill structures are to be proof rolled. Areas exhibiting instability are to be over-excavated and backfilled on a lift-by-lift basis with each lift carefully compacted.
4. If unstable subgrade sections cannot be stabilized by excavation and re-compaction, then crushed stone or similar coarse aggregate material shall be rolled into the subgrade until a firm subgrade reaction is achieved.
5. Low volume change (LVC) material shall be placed 30" immediately below floor slabs. LVC material may consist of granular material that is placed in 8" or less lifts and compacted to at least 95% of the standard proctor maximum dry density (ASTM D 698) at moisture contents of -2% to +6% of optimum. Granular material should have a maximum size of approximately 1 inch and not more than approximately 15% non-plastic fines.

ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Includes entries like LG LONG, LL LOW LOAD, LLH LONG LEG HORIZONTAL, 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 and insure the safety of the construction personnel, public, building and its components parts, and adjacent buildings and properties. This includes the addition of whatever temporary or permanent shoring, bracing, needling, underpinning, or sheet piling, etc. that may be necessary to brace non construction, adjacent buildings, so that the structure is braced for wind, seismic, gravity, construction loads, etc. and that no horizontal or vertical settlement or any damage occurs to the adjacent existing structure. Temporary supports shall be maintained in place until permanent supports and/or shoring and bracing are installed.
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. Shoring and reshoring is the responsibility of the contractor.
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 size and location of all openings with the mechanical contractor. Providing all openings required by the mechanical, electrical, plumbing, or other trades shall be part of the general contract, whether or not shown in the structural drawings. Any deviation from the openings shown on the structural drawings shall be brought to the engineer's attention for review.
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. Failure to visit the site and familiarize themselves with the existing conditions and limitations will in no way relieve the contractor from furnishing any materials or performing any work in accordance with drawings and specifications without additional cost to the owner.
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. Such details apply whether or not details are referenced at each location. Notify engineer of clarification regarding applicability of "Typical 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. Show lap splices and reinforcing lengths which are coordinated with the masonry lifts. Reinforcing shall be coordinated with plumbing, electrical, and adjacent work of other trades.
4. Grout to fill masonry unit cores shall be ASTM C476, coarse grout (5/8" 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 psi.
6. Mortar:
A. ASTM C270 Type "S" mortar with a minimum compressive strength of 1800 psi shall be used for concrete 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:
A. Single Wythe Masonry, 9 gage (W1.7) side and cross rods (ladder type) spaced 16" OC vertically with a 6" minimum lap.
9. All concrete masonry cores with reinforcing bars shall be filled solid with grout. Place reinforcing bars before grouting. Place grout in lifts not exceeding 5 feet. Consolidate each lift by mechanical vibration. The next lift of the pour may be after initial water loss and reconsolidation of the prior lift, while it is still plastic.
10. Vertical Concrete Masonry Reinforcement:
A. See plans and details for vertical reinforcement in center of grouted cells.
B. Place continuous vertical reinforcing at jamps, intersections, corners, and ends of walls unless noted otherwise.
11. Properly secure reinforcing bars to maintain the position indicated on the drawings. Bars are to be located in center of cells unless otherwise noted.
12. Reinforcing bars shall run continuously around corners and be lapped at necessary splices. Lap lengths shall be as given in the splice and development table.
13. Walls at intersections shall be connected as follows:
A. 50% of the Masonry units at the interface shall interlock or
B. Walls shall be regularly toothed with 2" maximum offsets and anchored by 1/4"x1" 12"x28" steel straps with 2" long 90-degree bends at each end (to form a zee shape) grouted at 4'-0" centers maximum or by intersecting bond beams with (2) #4 continuous at 4'-0" centers maximum.
14. Mortar protrusions extending into cells or cavities to be reinforced and filled, shall be removed.
15. Provide dowels in footings and floor slabs at each vertical reinforcing bar. The dowels shall be the same size as the reinforcing bars. The dowels shall extend to 3" clear the bottom of the footings or floor slabs with and ACI standard 90-degree hooks, unless noted otherwise.
16. Lay concrete masonry units with full mortar coverage on horizontal and vertical face shall. Bed webs in mortar in starting course of footing and in all courses of columns and pilasters, unless otherwise noted.
17. All CMU shall be temporarily braced during construction per the governing building code for lateral loads until permanent restraints have been installed. Temporary bracing is the sole responsibility of the contractor. The contractor is responsible for all cost associated with repairs resulting from improper or insufficient bracing.
18. All openings shall be lintels at the head. All CMU lintels shall be provided at 8" on centers within 4'-0" of the location.
19. Where vertical reinforcing steel is interrupted by a steel beam or joist, locate vertical reinforcing steel to an adjacent cell and lap reinforcing steel one splice length plus the distance of the offset.
20. Masonry shall be coordinated with MEP. Embedded plumbing shall be placed in cells without reinforcing steel. Embedded electrical conduit shall be 1 1/2" maximum outside diameter, placed 2 1/2" clear from the reinforcing steel, and centered in the CMU wall. Where masonry webs or face shells are cut for embedding plumbing or electrical conduit, horizontal joint reinforcing shall be provided at 8" on centers within 4'-0" of the location.
21. Where vertical reinforcing steel is interrupted by a steel beam or joist, locate vertical reinforcing steel to an adjacent cell and lap reinforcing steel one splice length plus the distance of the offset.
22. Top of interior non-bearing CMU partition walls shall be laterally braced at 10'-0" on centers maximum. Where the wall form intersections or corners with another attached masonry wall, the wall is considered braced at that location. Provide bracing between corners and intersections per detail.
23. 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.
24. 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 306, "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. Addition of water to the mix at the project site will not be permitted. All water must be added at the batch plant. Slump may be adjusted only through the use of additional water reducing admixtures or high range water reducing admixture.
7. All concrete shall be placed without horizontal construction joints, except where specifically noted.
8. All exposed edges of concrete members shall be chamfered 1/2" 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. Bottom bars in slabs-on-grade may be supported by other suitable supports. Reinforcing shall be properly positioned prior to concrete placement and may not be re-positioned once concrete operations have begun. Wire bar and other types of supports shall be in accordance with the concrete reinforcing steel institute manual of standard practice.
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. Lap lengths shall be as given in the splice and development table.
16. In reinforced concrete walls, grade beams and trench footing provide corner dowels of same size and spacing as horizontal reinforcing. Dowels shall lap with horizontal reinforcing in each direction.
17. The following minimum concrete cover shall be provide for reinforcement, unless otherwise noted:
A. Earth formed and cast directly against soil - 3"
B. Cast against forms but exposed to earth and weather
a. #6 and Larger - 2"
b. #8 and Smaller - 1 1/2"
C. Slabs and walls not exposed to earth or weather - 1/2"
D. Others - 2"
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. All members shall be framed, anchored, tied, and braced so as to develop the strength and rigidity for the purpose which they are used.
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:
A. 6d: 2" x 0.113"Ø
B. 8d: 2 1/2" x 0.131"Ø
C. 10d: 3" x 0.148"Ø
D. 12d: 3 1/4" x 0.148"Ø
E. 16d: 3 1/2" x 0.162"Ø
5. Collated gun-driven nails shall meet the requirements of ASTM F1667. Nail gun pressures shall be adjusted to install the nail into the substrate without being over-driven. Nails shall not be over-driven.
6. All sawn lumber except 2x12s shall be Spruce Pine Fir (SPF) No. 2, or better, with the following NDS minimum reference design values, unless noted otherwise. Only newly purchased lumber shall be used.
A. Fb=875psi
B. Fv=135psi
C. Fc=1150psi
D. FcL=425psi
E. E=1,400,000psi
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. Only newly purchased lumber shall be used.
A. Fb=1,200psi
B. Fv=175psi
C. Fc=1650psi
D. FcL=655psi
E. E=1,600,000psi
8. Laminated Veneer Lumber: 1.9E 1/4" Microlam LVL's as manufactured by Weyerhaeuser (Truss Joist), 2.0E 1 1/4" LVL's or approved equal with the following minimum design stresses.
A. Fb=2600psi
B. Fv=285psi
C. FcL=750psi
D. E=1,900,000psi
9. Wood Member Connections - Connect multiple individual framing member that are parallel and in contact thus:
A. 2 Members: 2 rows of 10d nails at 12"o.c.
B. 3 Members: 2 rows of 16d nails at 12"o.c.
C. 4 or 5 Members: 2 rows of 1/2"Ø Simpson SDS Wood Screws or Equal spaced at 12" o.c.
a. Screw length shall match the total thickness of the built-up members.
D. > 5 Members: 1/2"Ø A307 through bolts at mid-depth and spaced at 12" o.c.
10. Joist hangers, beam hangers, connections and fasteners shall be by one of the following manufacturers:
A. Simpson Strong-Tie
B. USP Structural Connectors
C. or approved substitution
11. Connectors depicted throughout the structural details are based on Simpson Strong-Tie model numbers. Connectors manufactured by other approved companies may be used provided their performance is equal or better. All connectors shall be selected and installed according to manufacturer's written instructions.
12. All lumber exposed to the exterior or in direct contact with masonry or concrete shall be pressure treated. Pressure treated members shall be Southern-Pine No. 2. Pressure treatments shall conform to the building code.
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. Sheathing:
A. Roof sheathing - 19/32" zip system oriented strand board, 40/20 span rating. Exposure 1.
15. Roof sheathing shall be attached as follows: Provide blocking at ridge and provide clip clips at all other locations. Attach panel edges and at all supports with 10d nails at 6" o.c. Roof sheathing shall be installed with face grain perpendicular to supports and continuous over 2 or more supports. Stagger the 8'-0" panels dimension 4'-0".

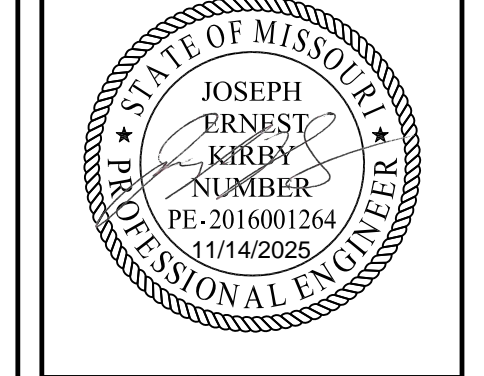


REVISION HISTORY table with columns: DESCRIPTION, DATE, APPR

- 1. 2 Members: 2 rows of 10d nails at 12"o.c.
2. 3 Members: 2 rows of 16d nails at 12"o.c.
3. 4 or 5 Members: 2 rows of 1/2"Ø Simpson SDS Wood Screws or Equal spaced at 12" o.c.
a. Screw length shall match the total thickness of the built-up members.
D. > 5 Members: 1/2"Ø A307 through bolts at mid-depth and spaced at 12" o.c.
10. Joist hangers, beam hangers, connections and fasteners shall be by one of the following manufacturers:
A. Simpson Strong-Tie
B. USP Structural Connectors
C. or approved substitution
11. Connectors depicted throughout the structural details are based on Simpson Strong-Tie model numbers. Connectors manufactured by other approved companies may be used provided their performance is equal or better. All connectors shall be selected and installed according to manufacturer's written instructions.
12. All lumber exposed to the exterior or in direct contact with masonry or concrete shall be pressure treated. Pressure treated members shall be Southern-Pine No. 2. Pressure treatments shall conform to the building code.
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. Sheathing:
A. Roof sheathing - 19/32" zip system oriented strand board, 40/20 span rating. Exposure 1.
15. Roof sheathing shall be attached as follows: Provide blocking at ridge and provide clip clips at all other locations. Attach panel edges and at all supports with 10d nails at 6" o.c. Roof sheathing shall be installed with face grain perpendicular to supports and continuous over 2 or more supports. Stagger the 8'-0" panels dimension 4'-0".

ISSUED FOR 11/14/2025

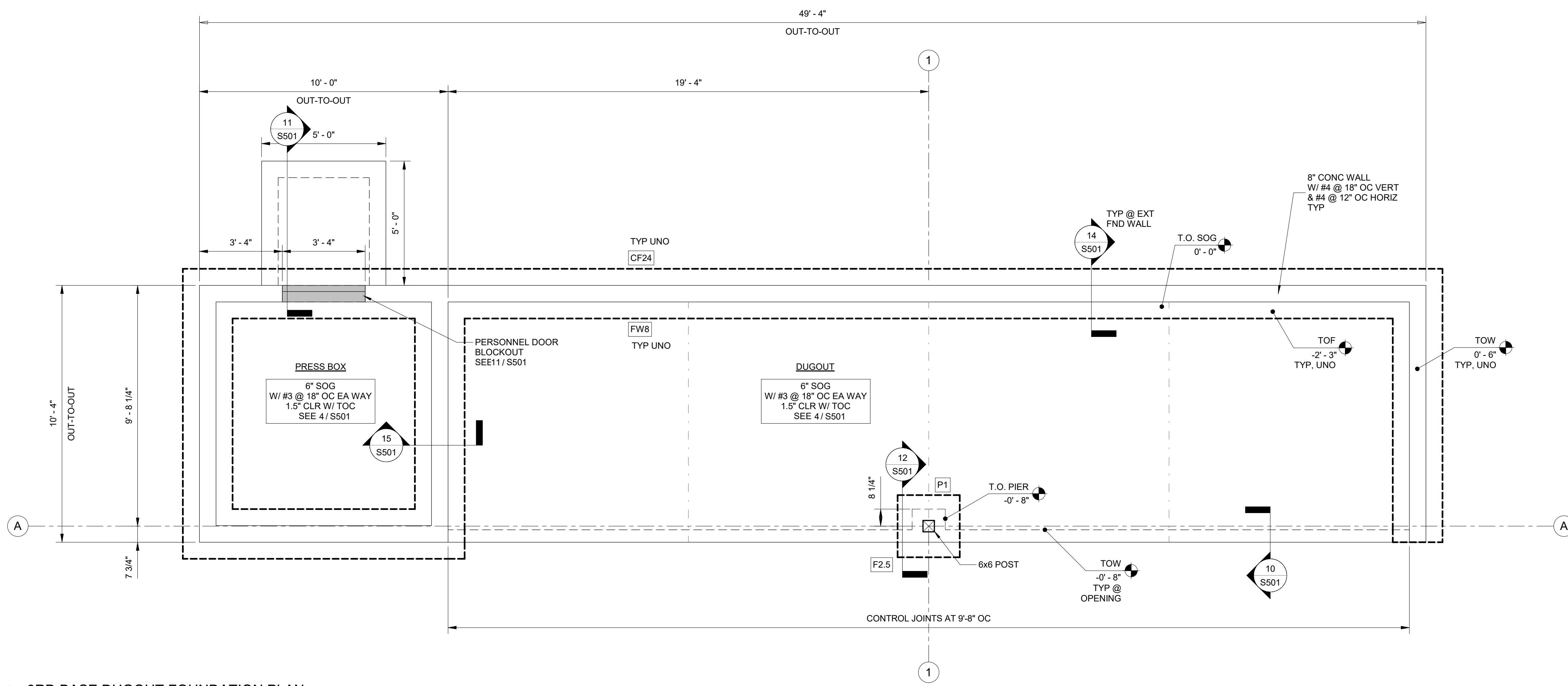
BIDDING DOCUMENTS



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

Table with columns: JEK, KTH, FIELD BOOK, CHECKED, SHEET TITLE, PROJECT NO., DRAWING ISSUED DATE, SHEET

Non-Reduced Sheet Size 30" x 42"
FIELD BOOK
SHEET TITLE
STRUCTURAL NOTES
PROJECT NO. 24-5017
DRAWING ISSUED DATE: 11/14/2025
SHEET S001



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

PIER SCHEDULE					
MARK	EL. @ TOP	SIZE (A' x B')	VERT. REINF.	TIES	COMMENTS
P1	-0'-8"	16" x 16"	(8) #4 BARS	#3 @ 7" OC	SEE13 / S501

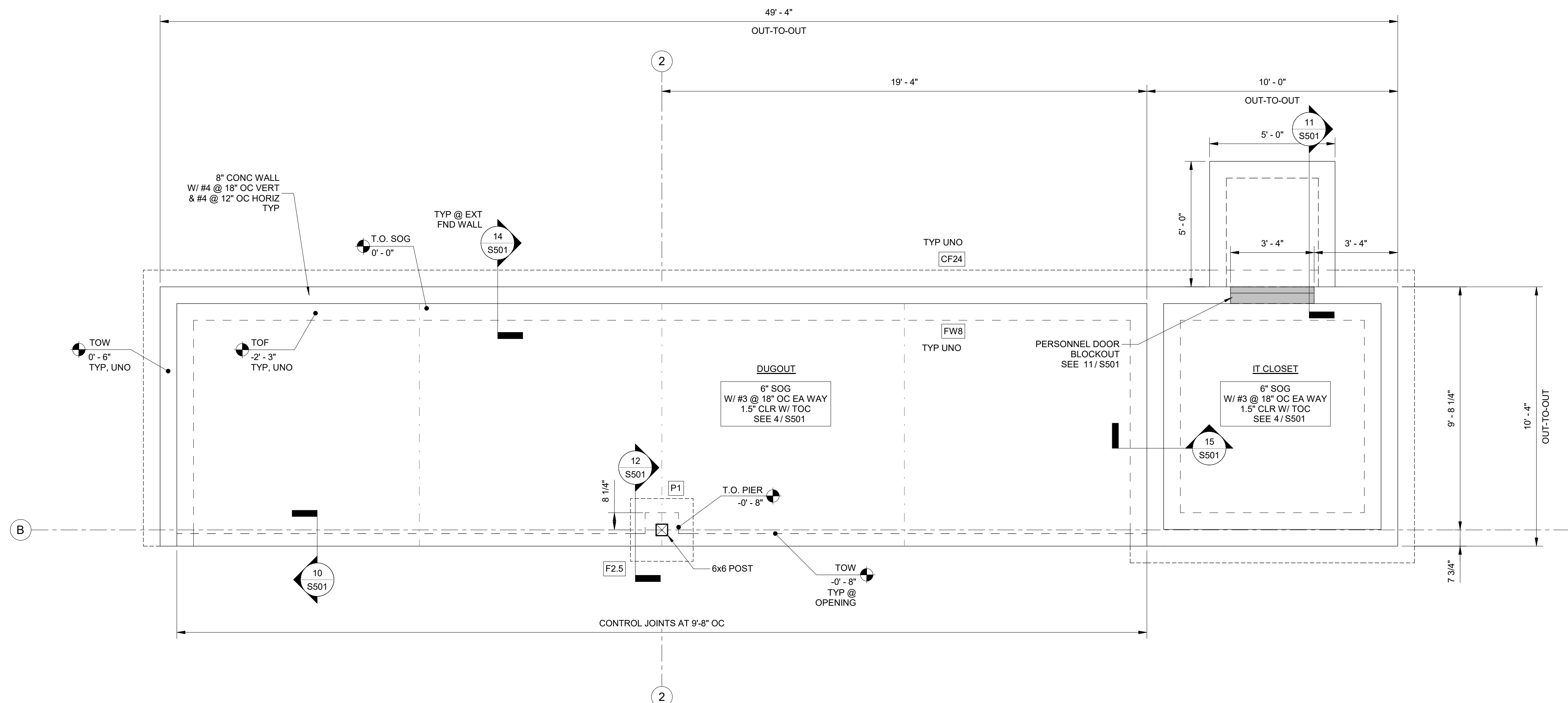
- NOTES:
1. REFERENCE DETAILS FOR 'A' & 'B' DIMENSION ORIENTATION
 2. VERT. REINF. TO BE SPREAD EVENLY AROUND PERIMETER OF PIER
 3. SEE DETAILS FOR TIE SPACING AT TOP OF PIER & CROSS TIE LOCATIONS
 4. FOUNDATION WALL REINF. TO RUN CONT. THROUGH PIER

FOUNDATION WALL SCHEDULE					
MARK	THICKNESS	HORIZ. REINF.	VERT. REINF.	DOWELS	REINF. LAYERS
FW8	8"	#4 @ 12" OC	#4 @ 18" OC	MATCH VERT. REINF.	CENTERED

- NOTES:
1. SEE FOUNDATION WALL DETAILS ON FOLLOWING SHEETS
 2. VERIFY T.O. WALL ELEVATIONS AND LOCATIONS W/ ARCHITECTURAL DRAWINGS
 3. IF REINF. EACH FACE (EF) IS NOTED IN SCHEDULE, VERT. REINF. TO SIT ON OUTSIDE OF HORIZ. REINF. TYP
 4. UNLESS REINF. EF IS NOTED, VERT. BARS OF SINGLE MAT TO BE CENTERED IN WALL

FOOTING SCHEDULE				
MARK	SIZE	THICKNESS	MAIN REINF.	COMMENTS
CF24	24" WIDE STRIP FTG	1'-0"	(3) #4 LONG. BARS, BTM	
F2.5	2'-6" x 2'-6" PAD FTG	1'-0"	(4) #4 BARS, EA. WAY, BTM	

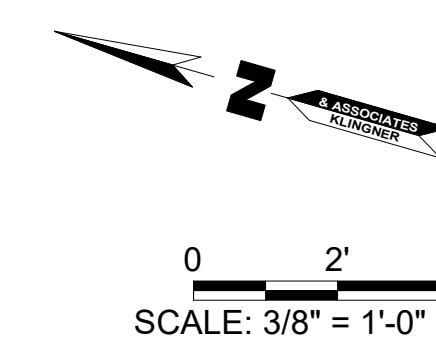
- NOTES:
1. SEE FOOTING DETAILS ON FOLLOWING SHEETS
 2. CENTER STRIP FOOTINGS BELOW FOUNDATION WALLS OR BEARING WALLS, UNO IN DETAILS
 3. CENTER PAD FOOTINGS BELOW COLUMNS OR PIERS, UNO IN DETAILS
 4. STRIP FOOTING REINF. TO RUN CONTINUOUS, INCLUDING THROUGH PAD FOOTINGS
 5. ALL PIERS TO BE A MIN. 3" LARGER THAN BASE PLATES AT EA. EDGE, UNO



2 1ST BASE DUGOUT FOUNDATION PLAN
3/8" = 1'-0"

- FOUNDATION GENERAL NOTES:**
1. SEE STRUCTURAL NOTES FOR DESIGN CRITERIA AND ABBREVIATIONS
 2. VERIFY ALL DIMENSIONS AND ELEVATIONS W/ ARCH. DRAWINGS
 3. CONTRACTOR TO COORDINATE AND LOCATE ALL ROUGH OPENING SIZES & LOCATIONS PRIOR TO FORMING AND POURING CONCRETE COMPONENTS
 4. SLAB ELEVATION SHOWN ON PLAN IS ASSUMED. FOR ACTUAL SLAB ELEVATION, REFER TO CIVIL DRAWINGS
 5. ALL FOUNDATION SUBGRADES AND EXCAVATIONS ARE TO BE CONSTRUCTED ON UNDISTURBED NATIVE SOIL OR COMPACTED ENGINEERED FILL
 6. REINF. SHOWN IN DETAILS ON FOLLOWING SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. SEE SCHEDULES FOR ACTUAL REINF.
 7. STRIP FOOTINGS ARE TO BE CENTERED UNDER FOUNDATION WALLS, UNO ON PLAN OR DETAILS
 8. CENTER STOPS AT DOORS. PROVIDE 1/2" ISOLATION MATERIAL BTWN STOPS AND EXT. SITE WORK.
 9. ALL WOOD EXPOSED TO WEATHER, IN CONTACT WITH CONCRETE OR WITHIN 8" OF FINISHED GRADE SHALL BE PRESSURE TREATED.
 10. SILL PLATE ANCHOR BOLTS SHALL BE LOCATED WITH A MIN. (2) BOLTS PER SILL, WITH BOLTS LOCATED MORE THAN 8" BUT LESS THAN 12" FROM EA END
 11. ALL ANCHORS AND EMBEDS SHALL BE TIED IN PLACE PRIOR TO PLACING CONCRETE, UNLESS THE EMBED MFR PROVIDES DOCUMENTATION SHOWING WET-SET APPLICATIONS ARE PERMITTED.
 12. ALL WALLS SHOWN SHALL PER 3 / S510, UNO ON PLAN
 13. ALL WALLS SHOWN SHALL BE ASSUMED AS BEARING, UNO ON PLAN
 14. CONTRACTOR TO PROVIDE POSITIVE DRAINAGE TO FLOOR DRAINS. SEE CIVIL AND MECHANICAL DRAWINGS FOR DRAIN LOCATIONS.
 15. TEMPORARY SHORING PER CONTRACTOR. DESIGN BY OTHERS.

FOUNDATION PLAN LEGEND	
	INDICATES T.O.C. ELEVATION
	COL. SEE PLAN
	FOOTING TAG, SEE SCHEDULE
	FOUNDATION WALL TAG, SEE SCHEDULE
	SLAB CONTROL & CONST. JOINTS, SEE 4 / S501

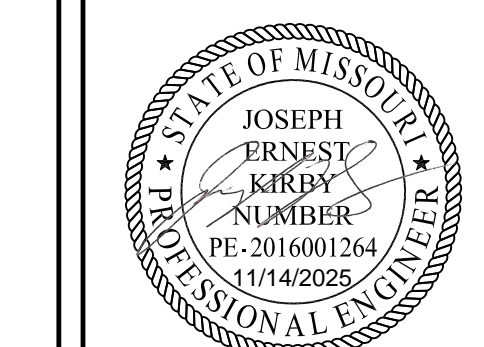


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REVISION HISTORY		
NO.	DESCRIPTION	DATE

Klingner & Associates, P.C.
Missouri State Certificate of Authority
No. E-000866
ISSUED FOR: 11/14/2025

BIDDING DOCUMENTS



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	
CHECKED	KTH	CHECK DATE	11/13/2025
SHEET TITLE			
FOUNDATION PLAN			
PROJECT NO. 24-5917			
DRAWING ISSUED DATE: 11/14/2025			
SHEET			
S101			

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REVISION HISTORY		
NO.	DESCRIPTION	DATE

Klingner & Associates, P.C.
 Missouri State Certificate of Authority
 No. E-000886

ISSUED FOR: **11/14/2025**

BIDDING DOCUMENTS



NEW ALL PURPOSE FIELD AND PARKING LOT

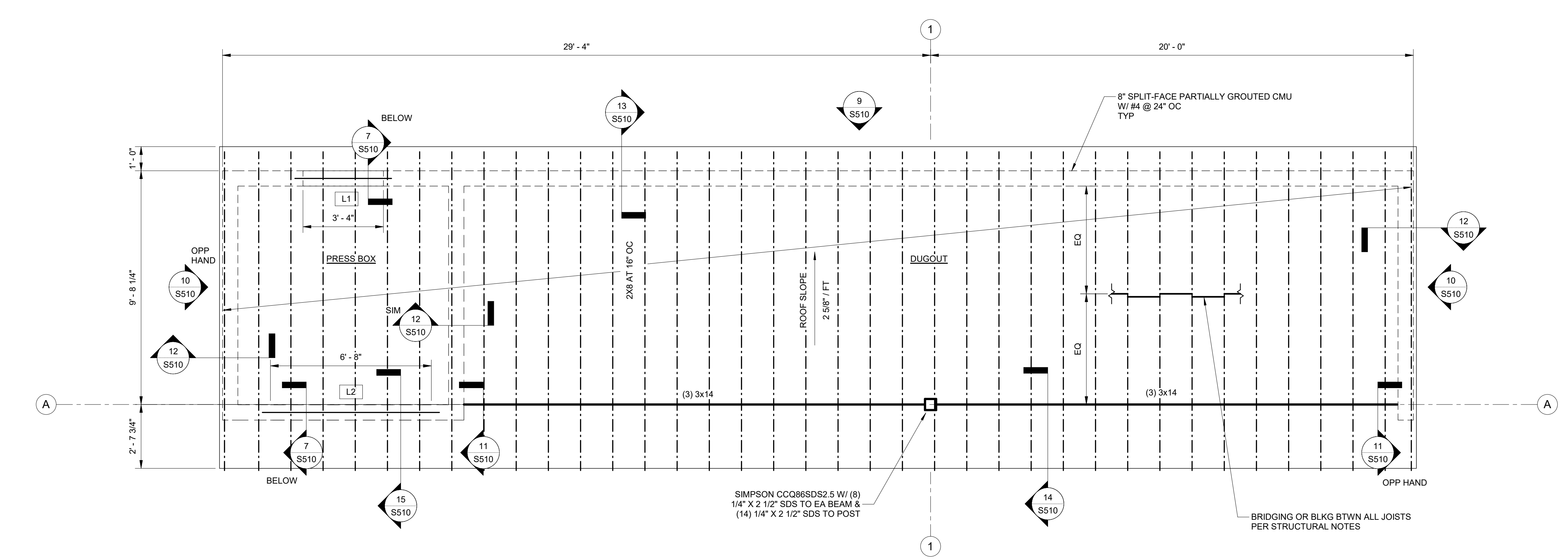
HALLSVILLE R-IV SCHOOL DISTRICT
 411 E. HIGHWAY 124
 HALLSVILLE, MO 65255

PROJECT NO. 24-5917

DRAWING ISSUED DATE: 11/14/2025

SHEET

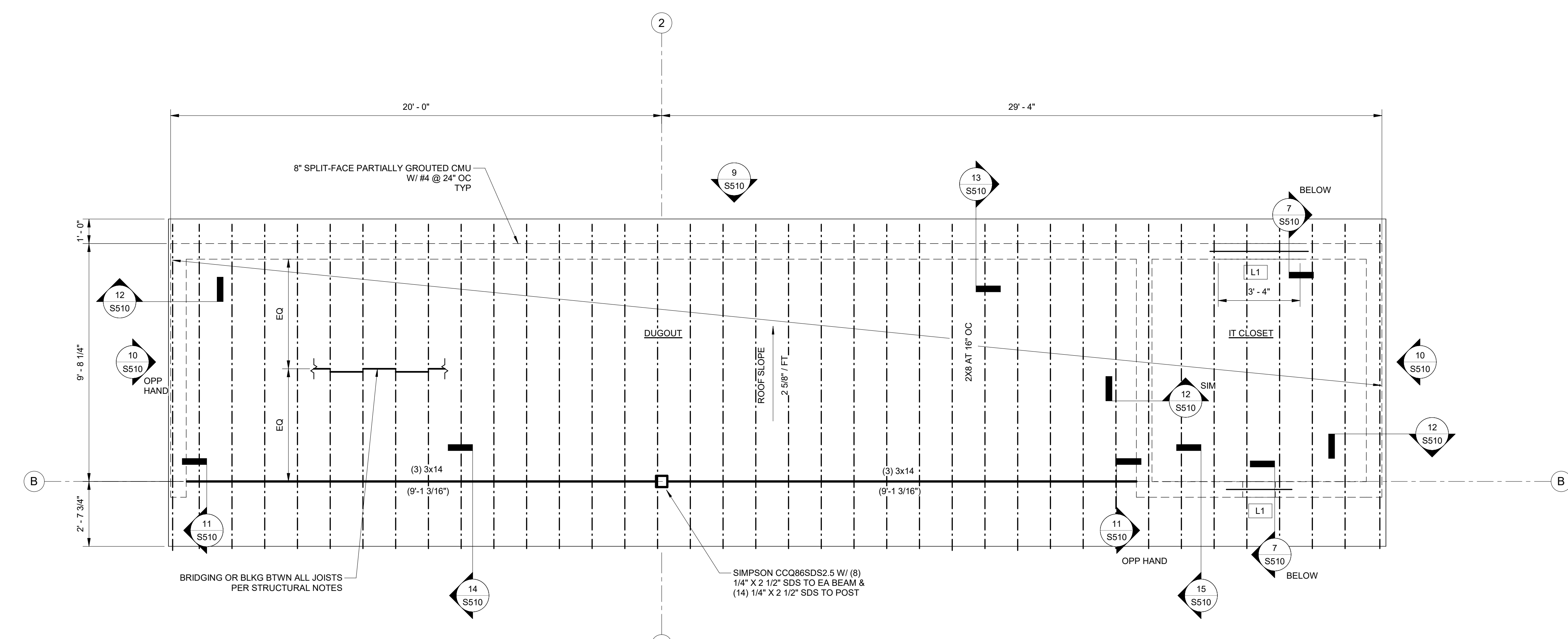
S210



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

LINTEL SCHEDULE					
MARK	GROUT DEPTH	HORIZ. REINF.	BTM COVER	JAMB WIDTH	STIRRUPS
L1	8"	(1) #4 BAR	2"	24"	NA
L2	16"	(1) #5 BAR	2"	32"	NA

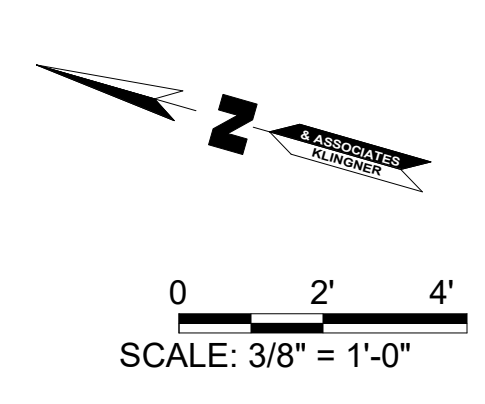
- NOTES:**
- REFERENCE DETAIL 7 / S510 FOR GROUT DEPTH & BTM GEOMETRY ORIENTATION
 - REFERENCE DETAILS 6 / S510 & 16 / S510 FOR DOOR & WINDOW OPENINGS, RESPECTIVELY
 - "NA" DENOTES STIRRUPS NOT APPLICABLE



2 1ST BASE DUGOUT ROOF FRAMING PLAN
 3/8" = 1'-0"

- FRAMING GENERAL NOTES:**
- SEE STRUCTURAL NOTES FOR DESIGN CRITERIA AND ABBREVIATIONS
 - VERIFY ALL DIMENSIONS AND ELEVATIONS W/ ARCH'L DRAWINGS
 - SEE ARCH'L DRAWINGS FOR OPENING SIZES & LOCATIONS
 - WHERE SHEAR WALLS ARE PARALLEL TO FRAMING, ALIGN RAFTERS/TRUSSES OVER SHEAR WALL WHILE MAINTAINING MAXIMUM SPACING ON BOTH SIDES OF WALL
 - BOLT HOLES IN WOOD MEMBERS SHALL BE DRILLED A MIN 1/32" TO A MAX 1/16" LARGER THAN THE BOLT DIAMETER
 - USE FULL-HEAD COMMON WIRE NAILS FOR ALL DIAPHRAGM NAILING (ROOF/FLOOR SHEATHING AND SHEAR WALLS) AND FRAMING CONNECTIONS
 - ROOF SHEATHING: 19/32" APA RATED 40/20 SHEATHING W/ 8d AT 6"X6"12" OC (BOUNDARY, EDGE, FIELD) W/ FACE GRAIN PERP. TO RAFTERS/TRUSSES
 - CONTRACTOR TO PROVIDE MOISTURE BARRIER BTWN NON-TREATED WOOD & CMU W/ (2) LAYERS OF 90 lbs FELT ROOFING PAPER
 - UNLESS NOTED OTHERWISE, USE (2) #4 FOR TYP BOND BEAM REINF. (1 1/2" CLR W/ TOP & SIDES)
 - REINF. SHOWN IN DETAILS ON FOLLOWING SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY. SEE SCHEDULES FOR ACTUAL REINF.
 - TEMPORARY SHORING PER CONTRACTOR. DESIGN BY OTHERS.

ROOF FRAMING PLAN LEGEND	
	INDICATES T.O. ELEVATION
	STRUCTURAL WALL BELOW
	ROOF JOIST, SEE PLAN
	COL/POST BELOW
	HEADER OR LINTEL TAG, SEE SCHEDULE
	INDICATES BEAM SIZE SEE PLAN
	INDICATES BEARING ELEVATION FOR LEVEL BEAM



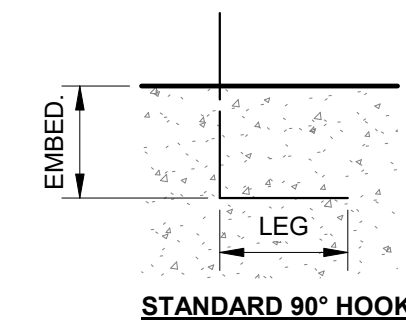
SIZE	MIN LAP	DEVELOPMENT
#3	24"	19"
#4	32"	25"
#5	40"	31"
#6	48"	37"

- ASSUMPTIONS:**
- $F_c = 4$ KSI
 - $F_y = 60$ KSI
 - TOP BARS
 - TENSION REINF.
 - CLASS "B" SPLICES
 - COVER $> OR = 2\phi$
 - CLEAR SPACING $> OR = 4\phi$

I (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.

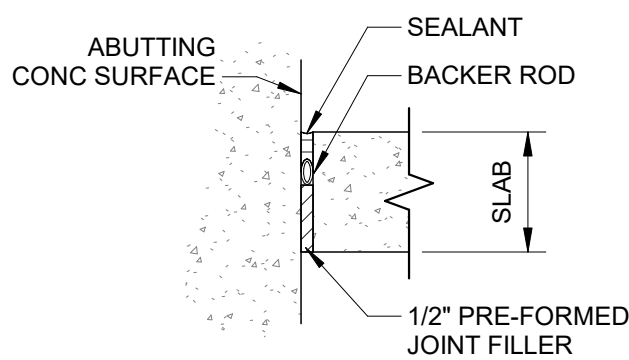
1 TYPICAL CONC. REBAR LAP AND DEVELOPMENT SCHEDULE
NTS



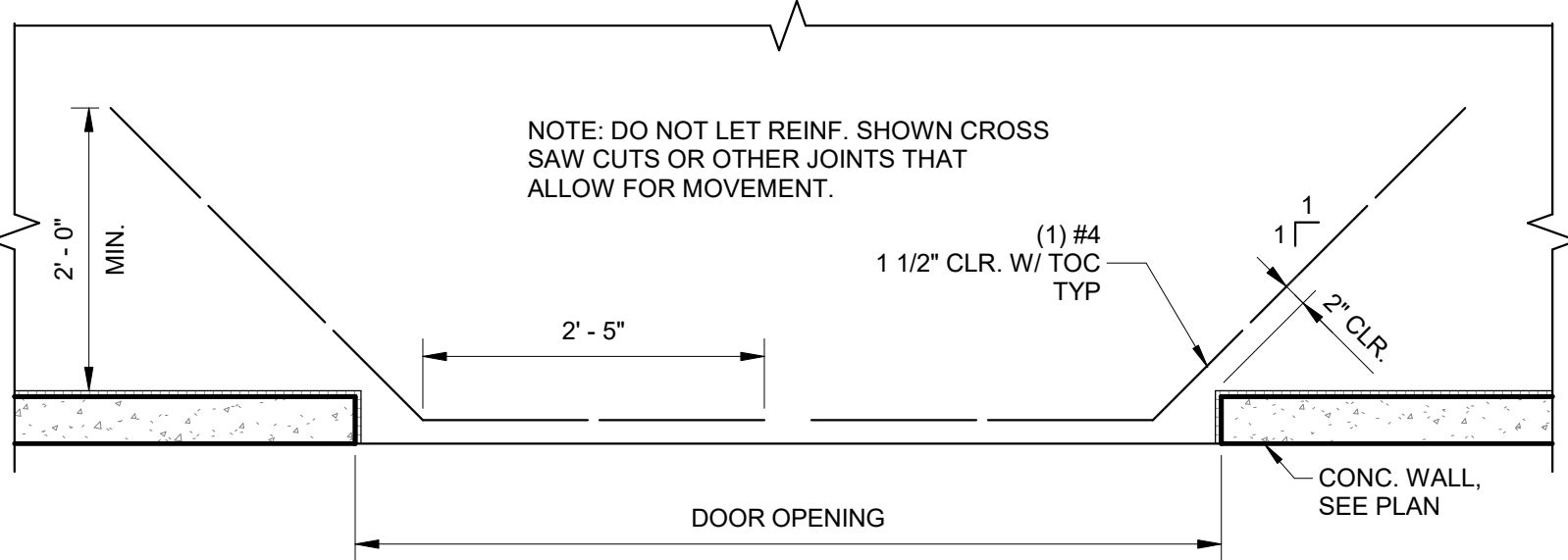
BAR	EMBEDMENT	LEG
#4	0-7"	0-8"
#5	0-9"	0-10"
#6	0-10"	1-0"
#7	1-0"	1-2"
#8	1-2"	1-4"

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

2 TYPICAL REBAR HOOK SCHEDULE
NTS



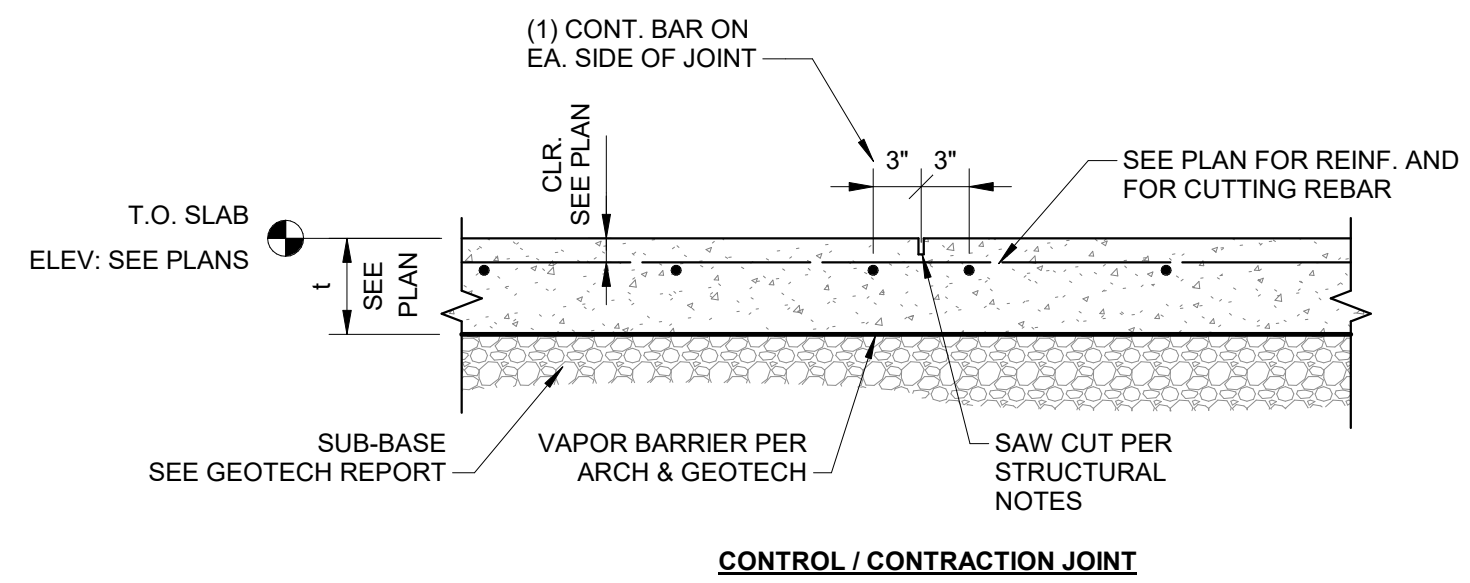
3 TYPICAL EXPANSION JOINT - SLAB TO WALL
NTS



8 ADDITIONAL SLAB REINFORCING AT DOORS
NTS

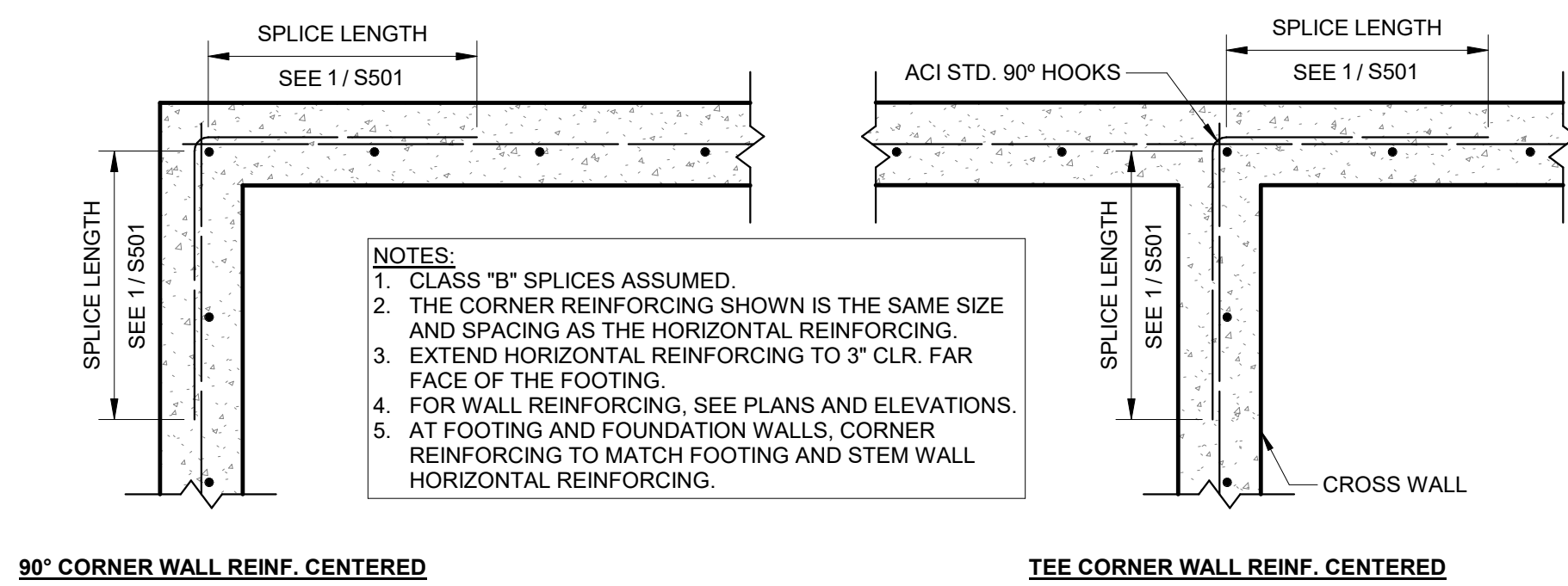
- NOTE:** ADDITIONAL REINF. NOT REQ'D WHERE FLOOR COVERINGS (PER ARCH) ARE PROVIDED.

4 TYPICAL SLAB-ON-GRADE JOINTS
NTS

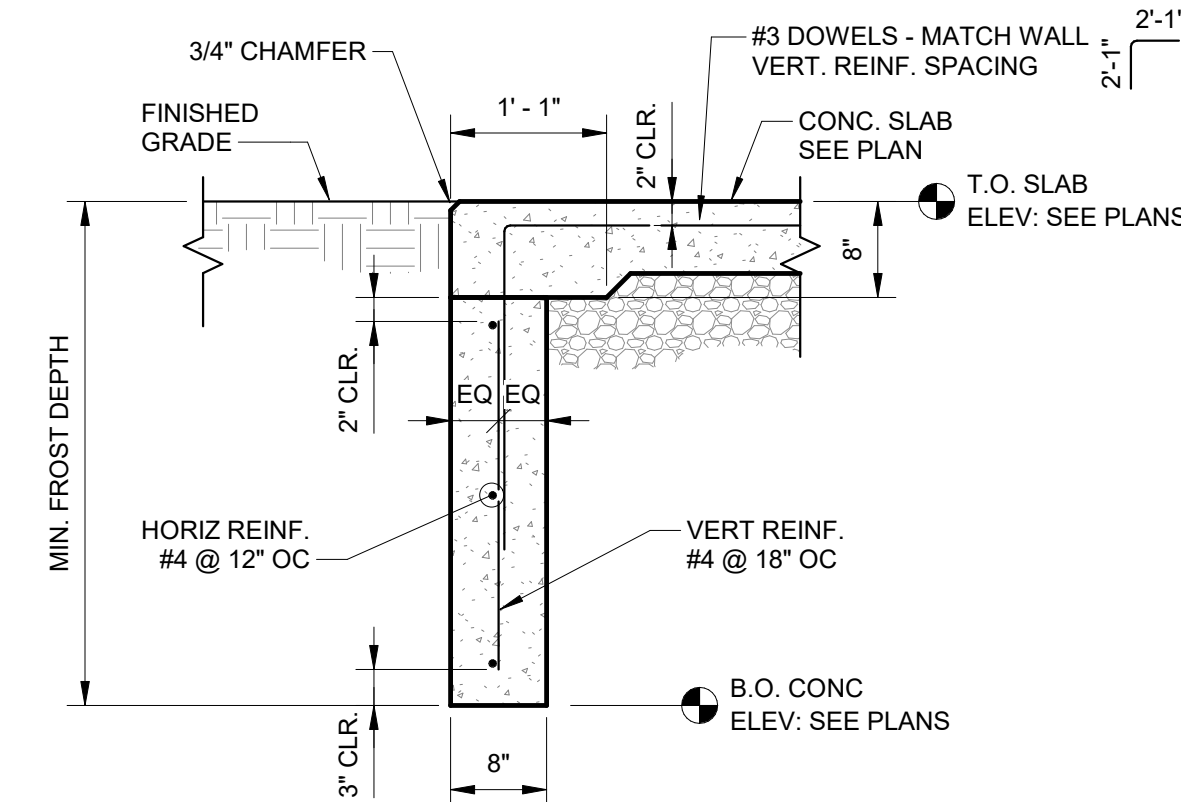


- NOTES:**
- CLR IS TO BE MEASURED FROM TOP OF SLAB TO TOP OF UPPERMOST REBAR.
 - CONTRACTOR'S OPTION TO SAWCUT OR PROVIDED PRE-MOLDED INSERT.
 - SAW CUTS TO BE MADE WITHIN 24 HOURS AFTER POUR.
 - IF CONCRETE MIX USES FIBERS, SAW CUT TO BE 1/8" WIDE AND 1/3 X Y TALL.
 - OTHERWISE, SAW CUT TO BE 1/8"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

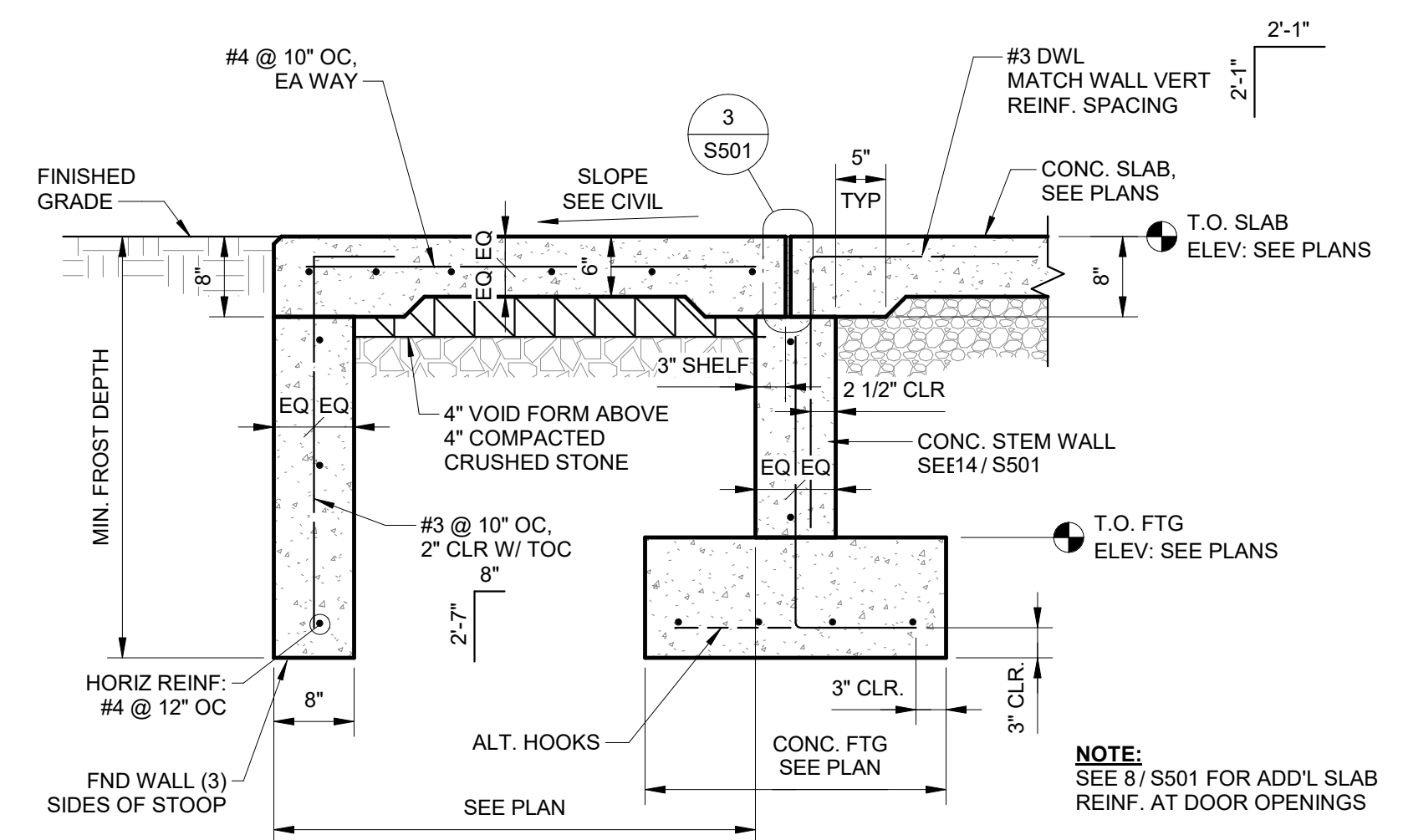
9 TYPICAL CONCRETE CORNER REINF
NTS



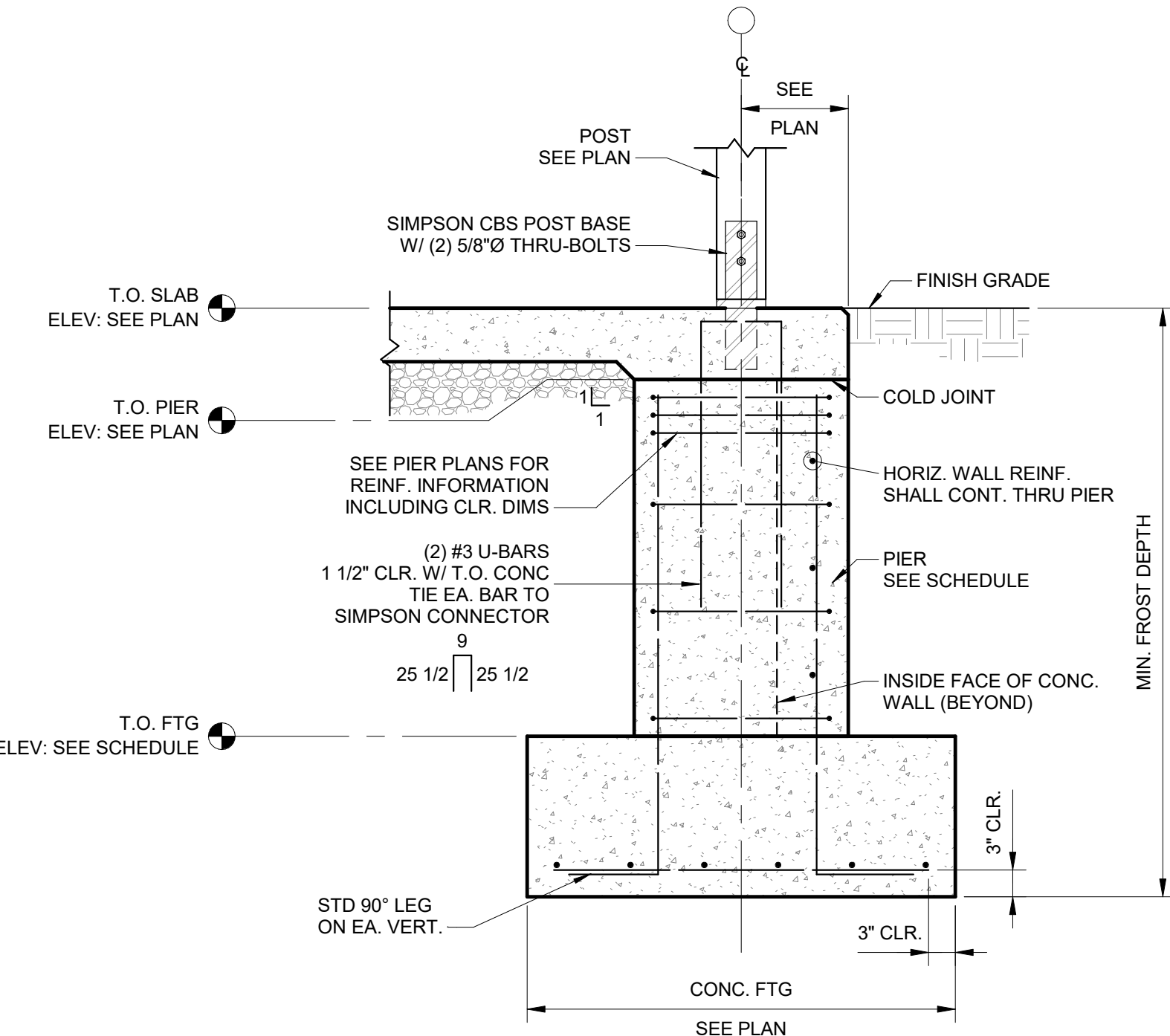
10 SLAB FROST WALL
NTS



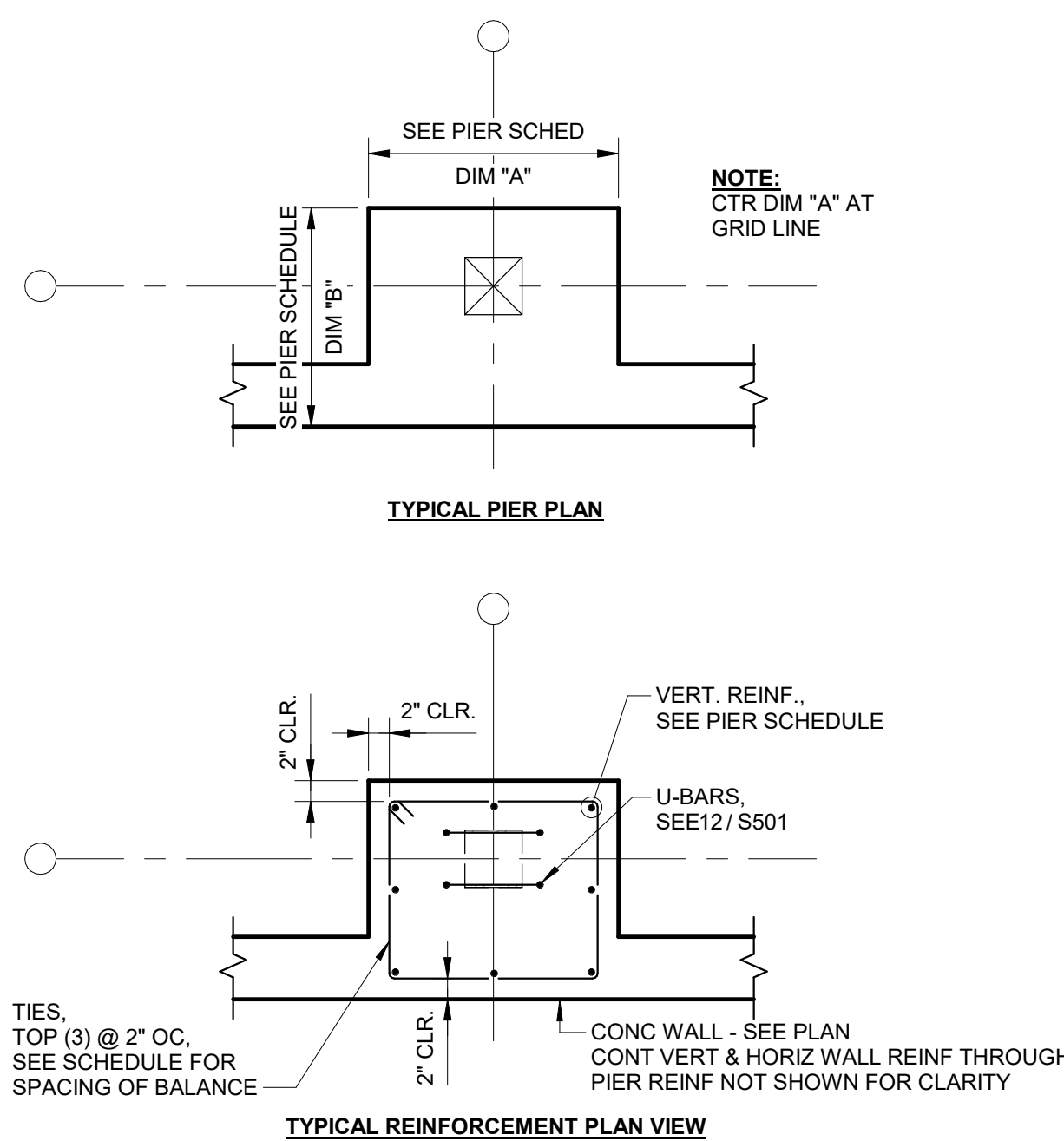
11 BLOCKOUT WITH STOOP AT PERSONNEL DOORS
NTS



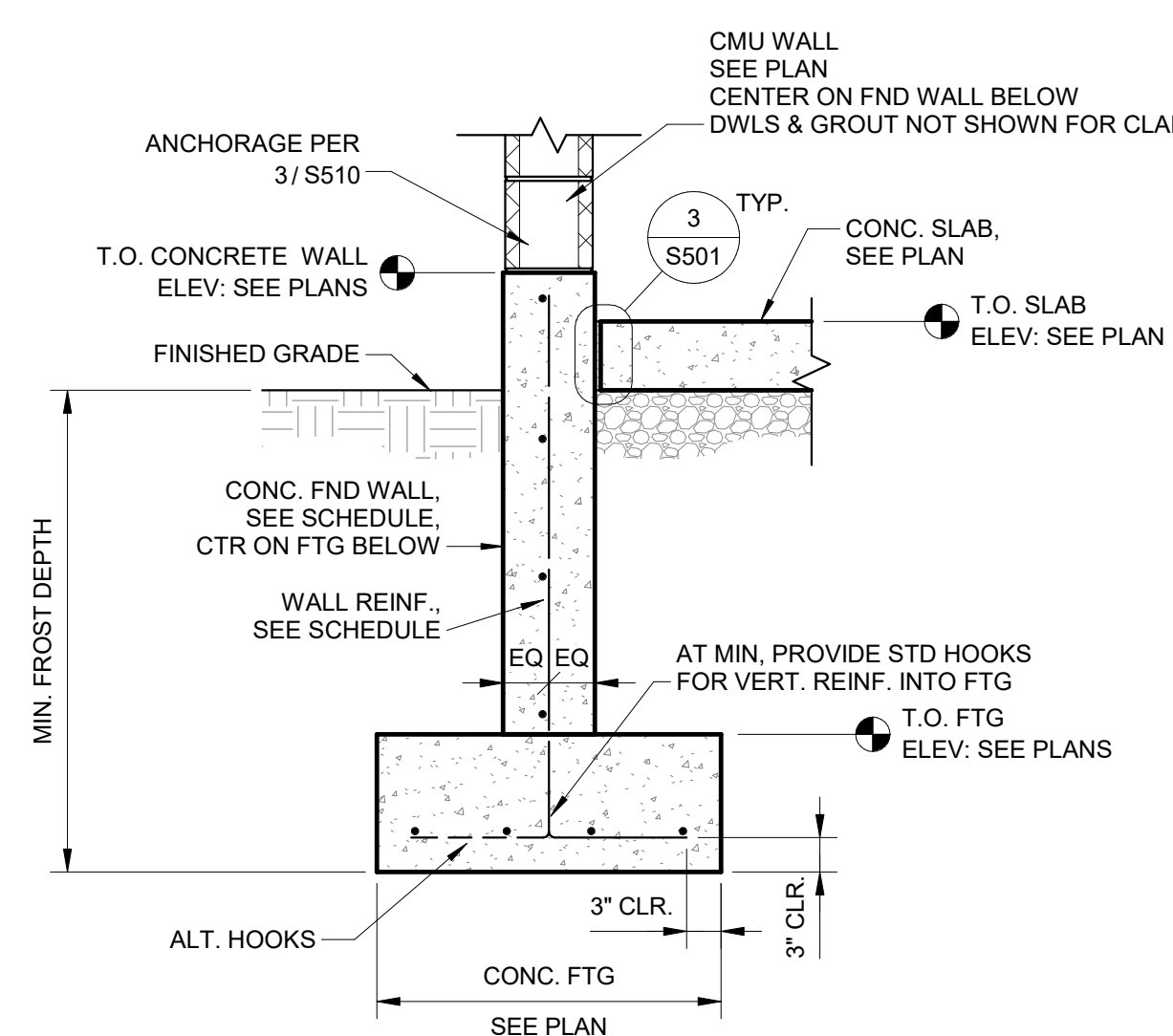
12 SIDEWALL PIER SECTION - WITH POST
NTS



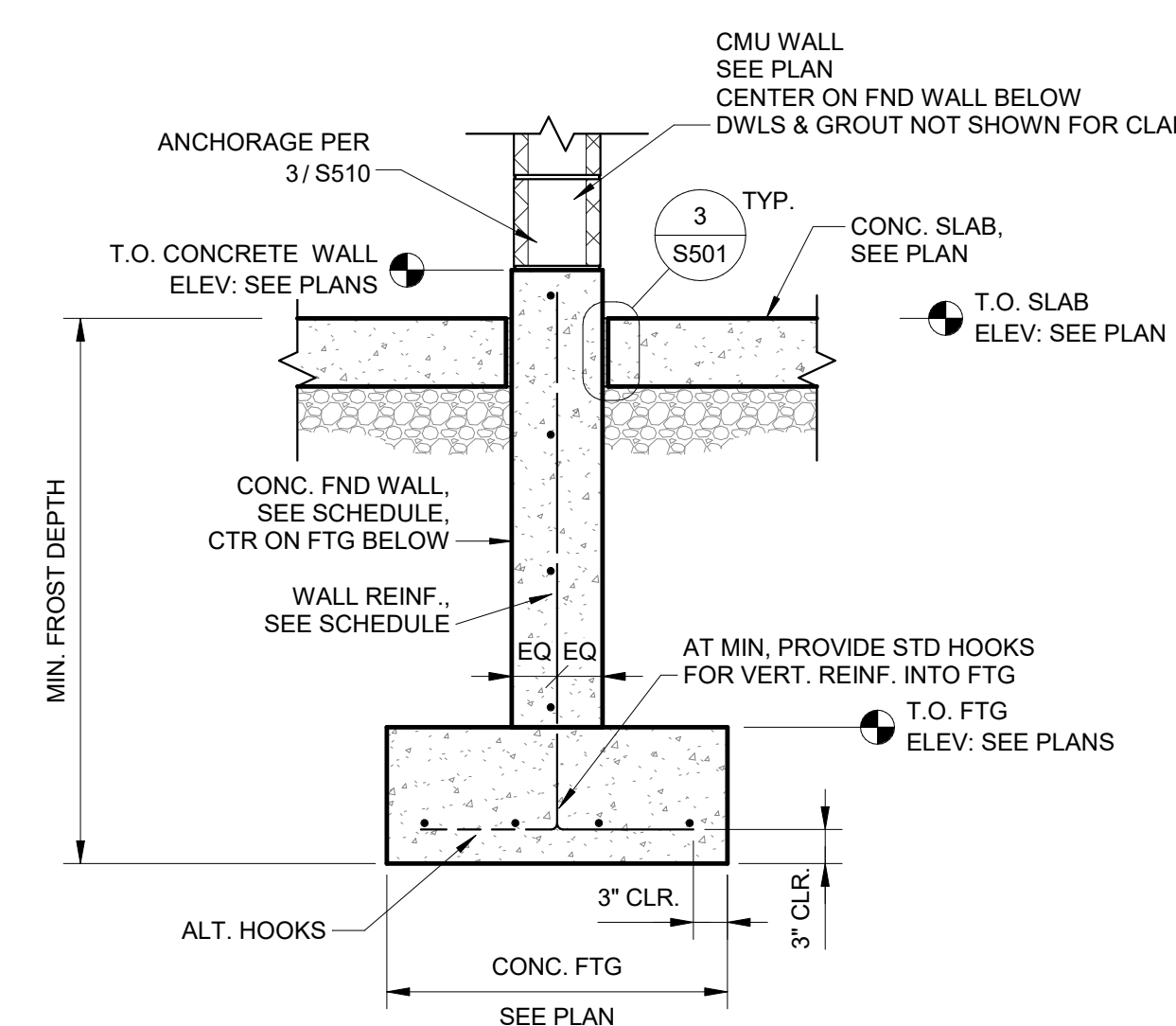
13 PERIMETER PIER DETAIL
NTS



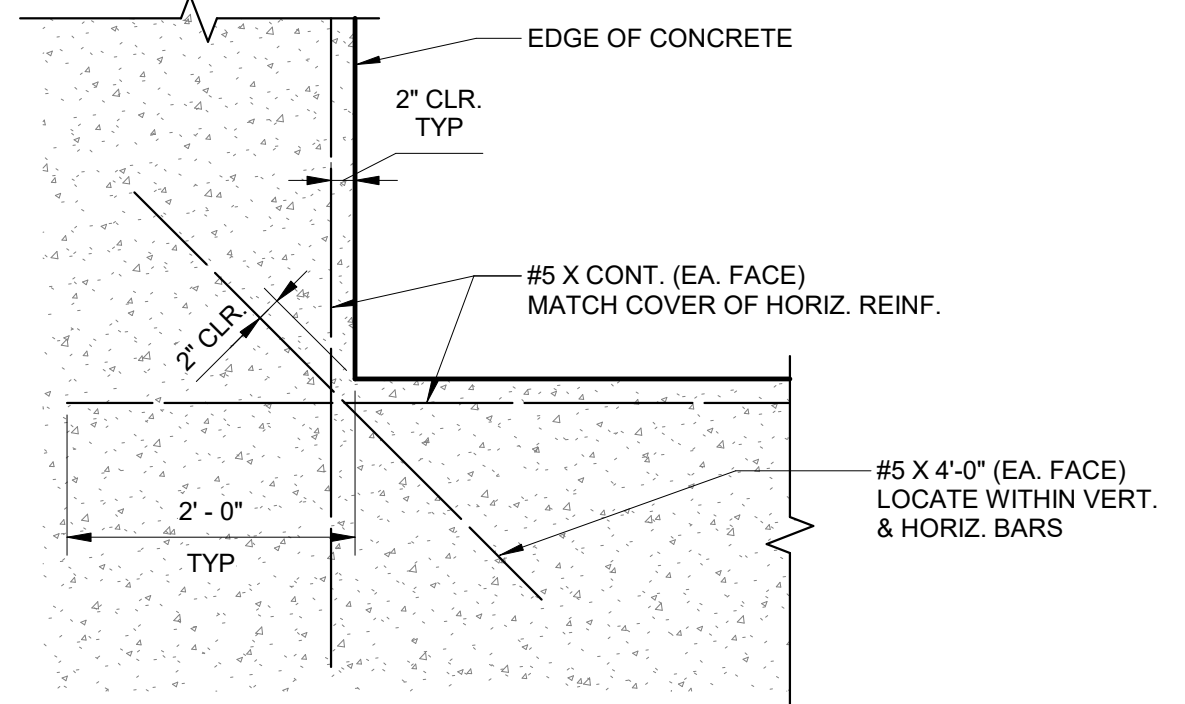
14 TYP. EXT. FOUNDATION WALL SECTION
NTS



15 TYP. INT. FOUNDATION WALL SECTION
NTS

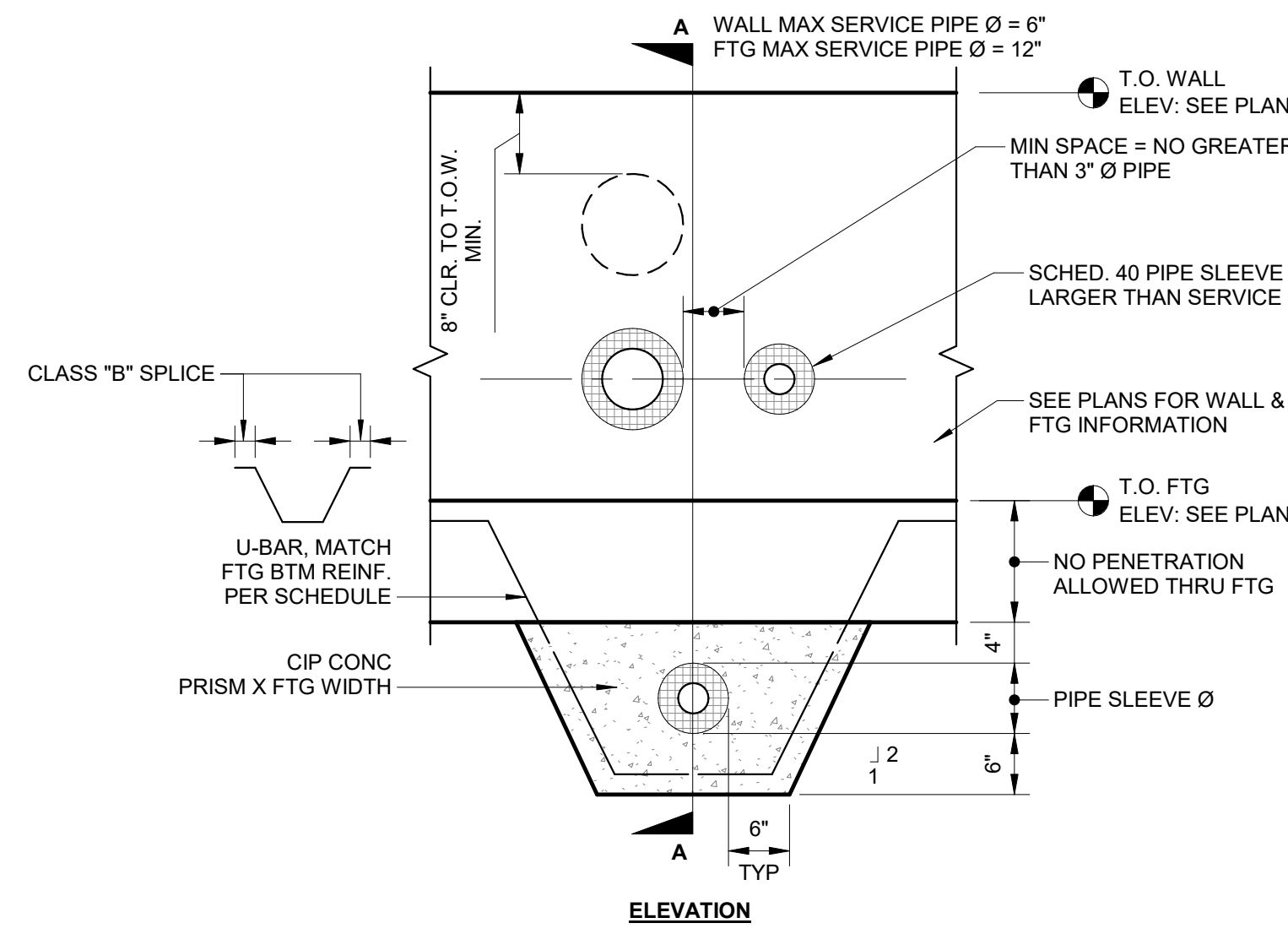


6 TYPICAL RE-ENTRANT CORNER REINFORCEMENT
NTS

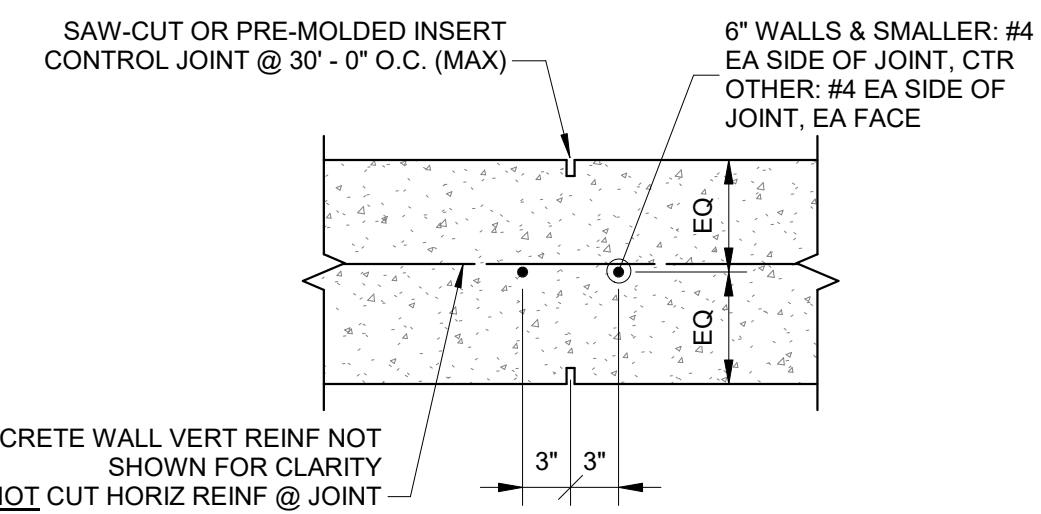
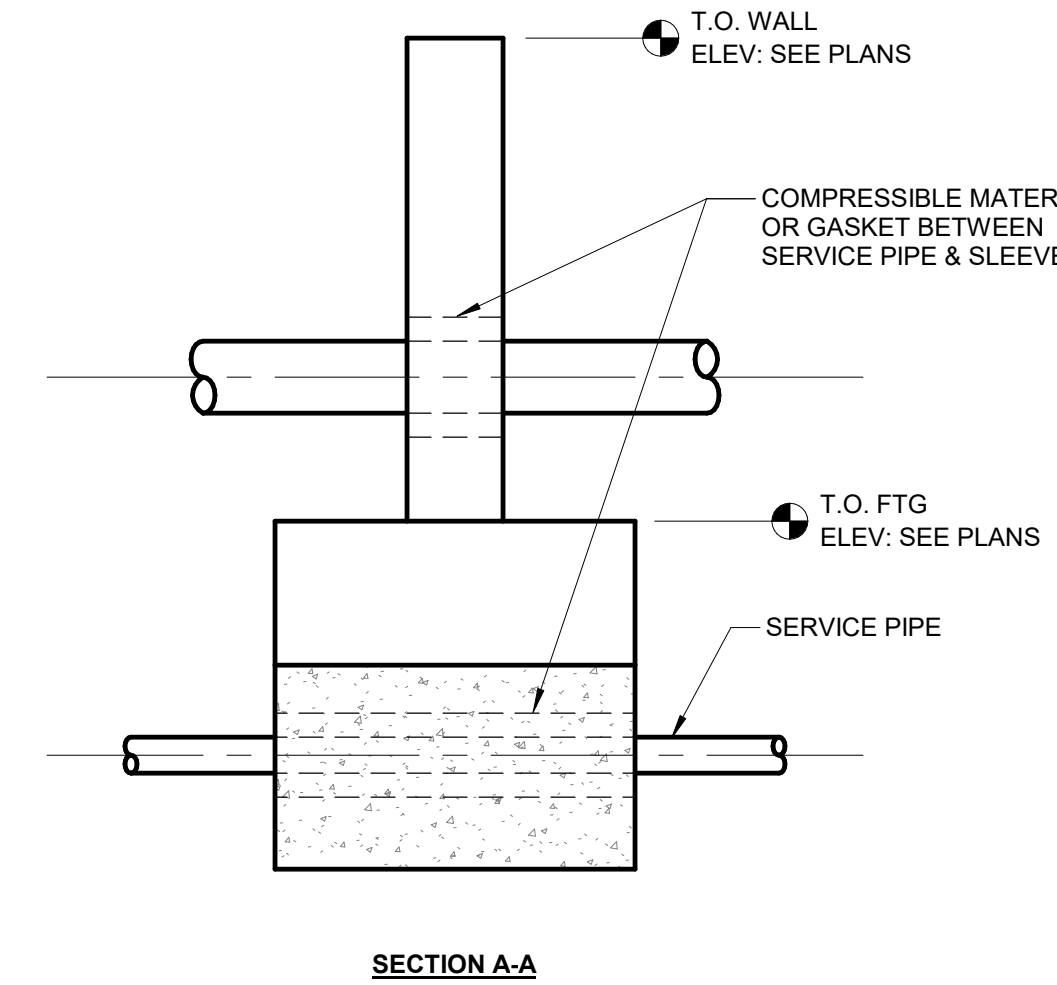


- NOTE:** THIS DETAIL APPLIES FOR RE-ENTRANT CORNERS IN WALLS, SLABS, (SLAB-ON-GRADE AND ELEVATED, INCLUDING CONSTRUCTION JOINTS, BEAMS, AND FOOTINGS).

5 TYPICAL PIPE PENETRATION THRU WALL OR BELOW FOOTING
NTS



7 TYPICAL EXPOSED CONC WALL CONTROL/CONTRACTION JOINT
NTS



CONCRETE WALL W/ SINGLE MAT - PLAN VIEW

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REVISION HISTORY	DESCRIPTION	DATE	APPR
1			

ISSUED FOR	11/14/2025
BIDDING DOCUMENTS	



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

North-Reduced Sheet Size 30" x 42"
Field book plans have been prepared using standard scales. Reduced sheet plans may not conform to standard scales.

DESIGNED	JEK	JEK
FIELD BOOK		
CHECKED	KTH	CHECK DATE 11/13/2025
SHEET TITLE		

FOUNDATION DETAILS	
PROJECT NO.	24-5917
DRAWING ISSUED DATE:	11/14/2025
SHEET	
S501	

GENERAL ELECTRICAL NOTES:

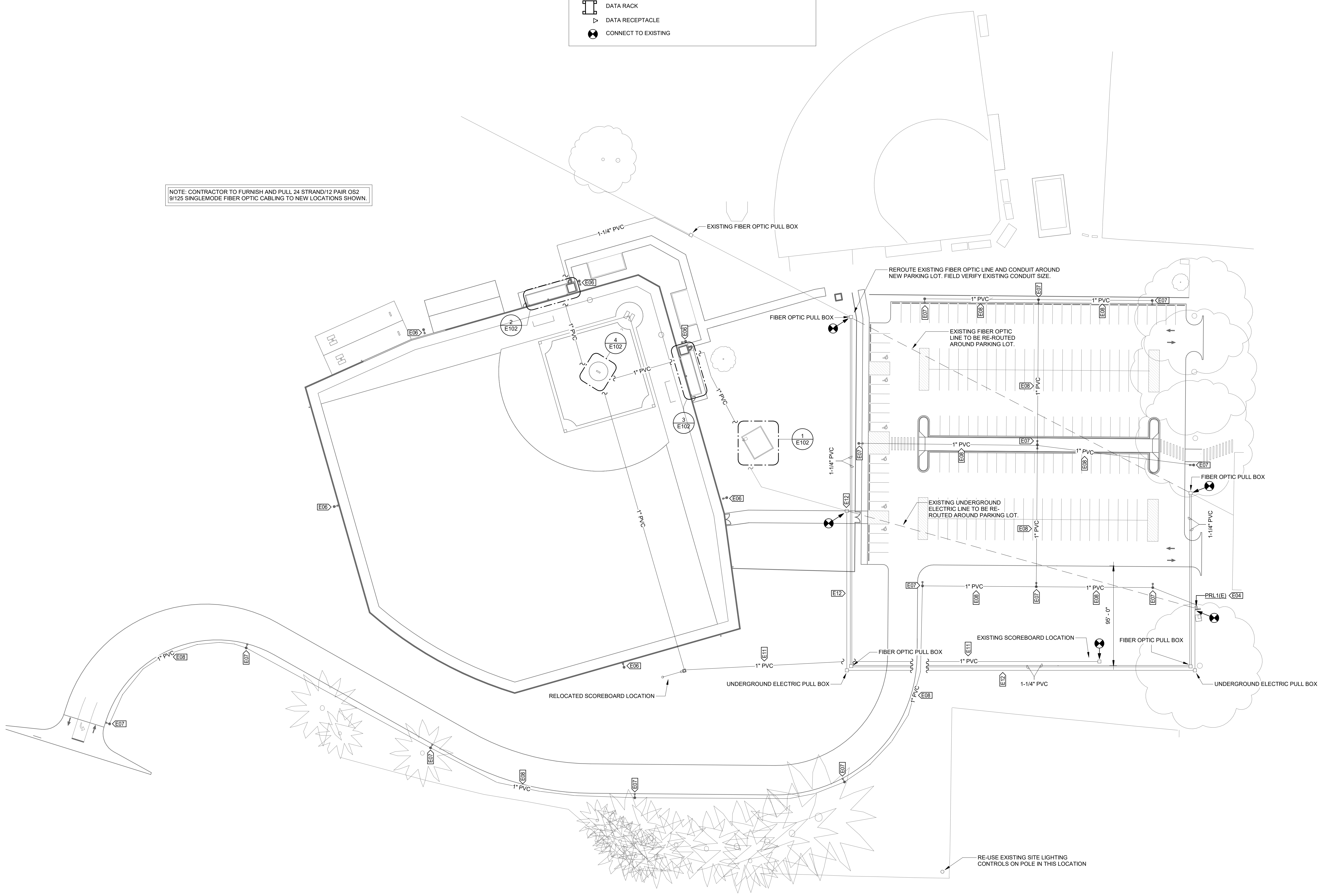
1. APPLICABLE STANDARDS: NFPA-70, NFPA-101, STATE BUILDING CODES, AND THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) OF 1971 AND ALL AMENDMENTS THERETO; EQUIPMENT, DEVICES, APPARATUS, SYSTEMS, AND INSTALLATIONS SHALL BE ENTIRELY SUITABLE AND SAFE FOR EACH INTENDED APPLICATION AND BE IN FULL COMPLIANCE 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 GROUNDINGS 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.O.
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 INSTALLED AT DISTANCE ABOVE FINISHED FLOOR
	DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER
	FOURPLEX RECEPTACLE
	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

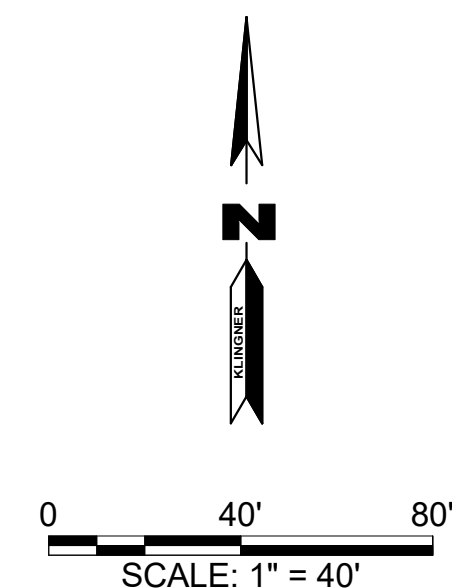
KEYNOTE LEGEND	
VALUE	DESCRIPTION
E04	NEW PARKING LOT LIGHTING TO BE CIRCUITED TO PANEL PRL1(E).
E06	RELOCATED LIGHT POLE FROM EXISTING BASEBALL FIELD. DEMOLISH EXISTING FEEDERS BACK TO SITE LIGHTING CONTROLS POLE. RE-FEED RELOCATED LIGHT POLE AS REQUIRED.
E07	NEW LIGHT POLE. SEE SITE PLAN FOR DETAILS.
E08	(3) #10 AWG CU, (1) #10 CU AWG EGC IN 1" PVC CONDUIT.
E11	(2) #12 AWG CU, (1) #12 AWG CU EGC, 1" SCHEDULE 80 PVC CONDUIT.
E12	CONTRACTOR TO RE-ROUTE EXISTING UNDERGROUND ELECTRIC LINE AND CONDUIT AROUND NEW PARKING LOT. FIELD VERIFY EXISTING FEEDER AND CONDUIT SIZE TO TIE INTO.

NOTE: FEEDER SIZES FOR LED LIGHT FIXTURES ARE BASED ON 125 VA PER LAMP AT EACH POLE. IF VA IS LARGER, THE CONTRACTOR IS RESPONSIBLE FOR ASSOCIATED FEEDER & BREAKER CHANGES.

NOTE: CONTRACTOR TO FURNISH AND PULL 24 STRAND/12 PAIR OS2 9/125 SINGLEMODE FIBER OPTIC CABLING TO NEW LOCATIONS SHOWN.



1 SITE PLAN
1" = 40'-0"



REVISION HISTORY			
NO.	DESCRIPTION	DATE	APPR.

Klingner & Associates, P.C.
Missouri State Certificate of Authority
No. E-000868

ISSUED FOR: **11/14/2025**

BIDDING DOCUMENTS

Matthew Hugo Bridge
NUMBER: PE-2025181578
DATE: 11/14/2025

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	CHECK DATE
SHEET TITLE			
SITE ELECTRICAL PLAN			
PROJECT NO. 24-5917			
DRAWING ISSUED DATE: 11/14/25			
SHEET			
E101			

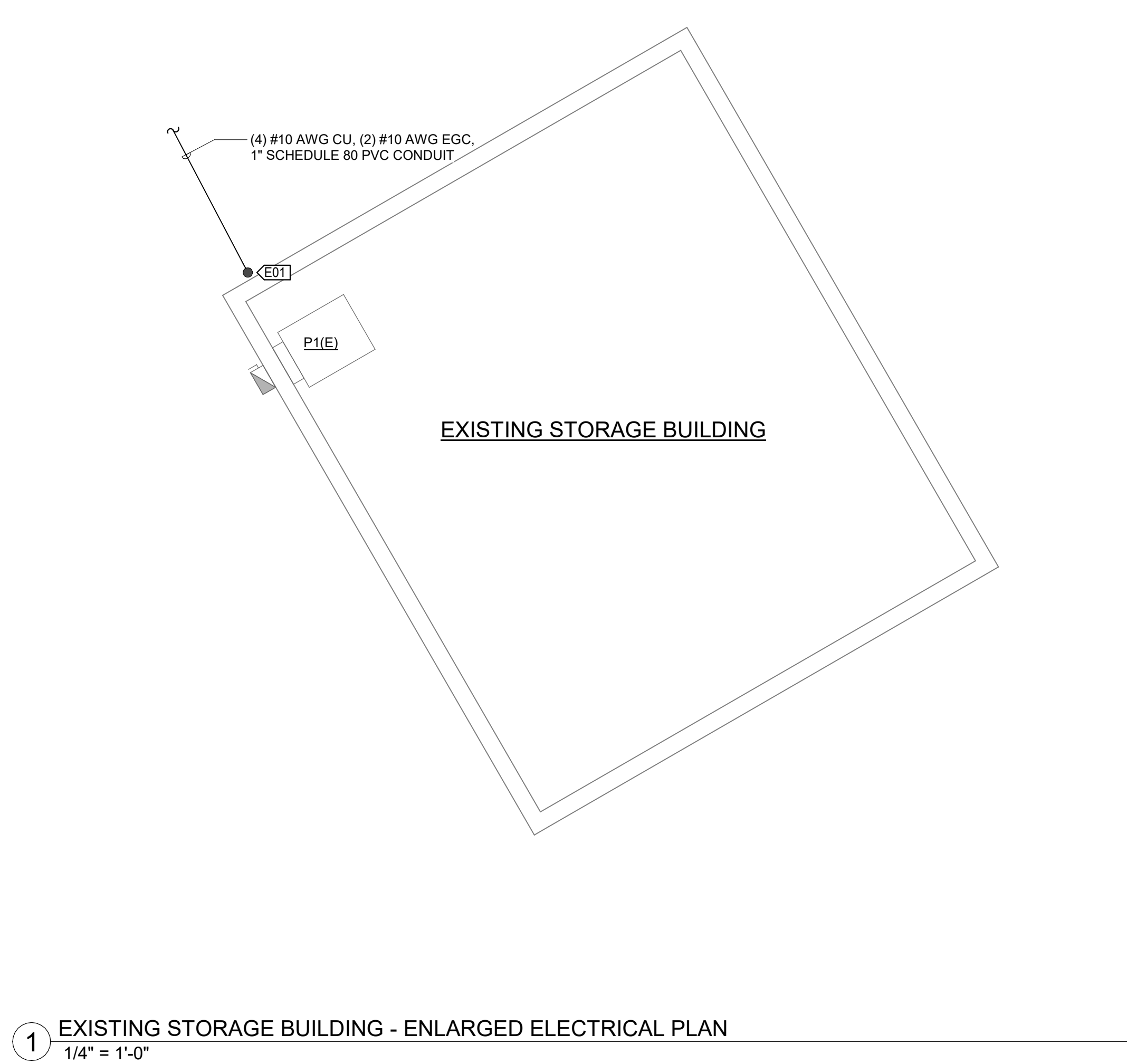
BRANCH PANEL: PRL1(E)													
LOCATION: SUPPLY FROM: MOUNTING: SURFACE ENCLOSURE: NEMA 1				VOLTS: 120/208 PHASES: 3 WIRES: 4 ACCESSORIES:				A.I.C. RATING: PANEL TYPE: MLO MAINS RATING: 400 A MAIN BREAKER: 400 A					
CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	CKT			
1				167 VA	167 VA								
3	1ST BASE LIGHTS (E)	20 A	3		167 VA	167 VA		3	20 A	3RD BASE LIGHTS (E)	4		
5				167 VA	167 VA								
7				167 VA	167 VA								
9	RIGHT FIELD LINE LIGHTS (E)	60 A	3		167 VA	167 VA		3	60 A	LEFT FIELD LINE LIGHTS (E)	10		
11				167 VA	167 VA								
13				167 VA	167 VA								
15	RIGHT FIELD LIGHTS (E)	40 A	3		167 VA	167 VA		3	40 A	LEFT FIELD LIGHTS (E)	16		
17				167 VA	167 VA								
19				620 VA	528 VA			1	20 A	SCOREBOARD (E)	20		
21	PARKING LOT LIGHTS / ENTRY ROAD LIGHTS	20 A	3		620 VA			1	--	SPACE (E)	22		
23				--	--			1	--	SPACE (E)	24		
25	SPACE	--	1	--	--			1	--	SPACE (E)	26		
27	SPACE	--	1	--	--			1	--	SPACE (E)	28		
29	SPACE (E)	--	1	--	--			1	--	SPACE (E)	30		
31	SPACE (E)	--	1	--	--			1	--	SPACE (E)	32		
33	SPACE (E)	--	1	--	--			1	--	SPACE (E)	34		
35	SPACE (E)	--	1	--	--			1	--	SPACE (E)	36		
37	SPACE (E)	--	1	--	--			1	--	SPACE (E)	38		
39	SPACE (E)	--	1	--	--			1	--	SPACE (E)	40		
41	SPACE (E)	--	1	--	--			1	--	SPACE (E)	42		
PHASE LOAD:				2,148 VA	1,620 VA	1,620 VA	**TOTAL LOAD:		5,388 VA				
PHASE AMPS:				16 A	14 A	14 A	**TOTAL AMPS:		15 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.

LIGHT FIXTURE SCHEDULE									
TAG	DESCRIPTION	MOUNT	COLOR TEMP.	OUTPUT	DRIVER CONTROL	VOLT	LOAD	BASIS OF DESIGN	
								MANUFACTURER	MODEL
A	4' LED STRIPLIGHT	SURFACE SUSPENDED	3500 K	3,000 lm	ON/OFF	120 V	25 VA	LITHONIA	CSS L48

BRANCH PANEL: P1 (E)													
LOCATION: EXISTING STORAGE...				VOLTS: 120/240 PHASES: 1 WIRES: 3 ACCESSORIES:				A.I.C. RATING: PANEL TYPE: MAIN CB MAINS RATING: 100 A 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				250 VA	1,665 VA			1	20 A	3RD BASE DUGOUT / PITCHERS...	8		
9	BASEBOARD HEAT (E)	20 A	2	250 VA	1,103 VA			1	20 A	1ST BASE DUGOUT	10		
11											12		
13											14		
15											16		
17											18		
19											20		
21											22		
23											24		
PHASE LOAD:				3,281 VA	2,886 VA	**TOTAL LOAD:		6,166 VA					
PHASE AMPS:				27 A	24 A	**TOTAL AMPS:		26 A					

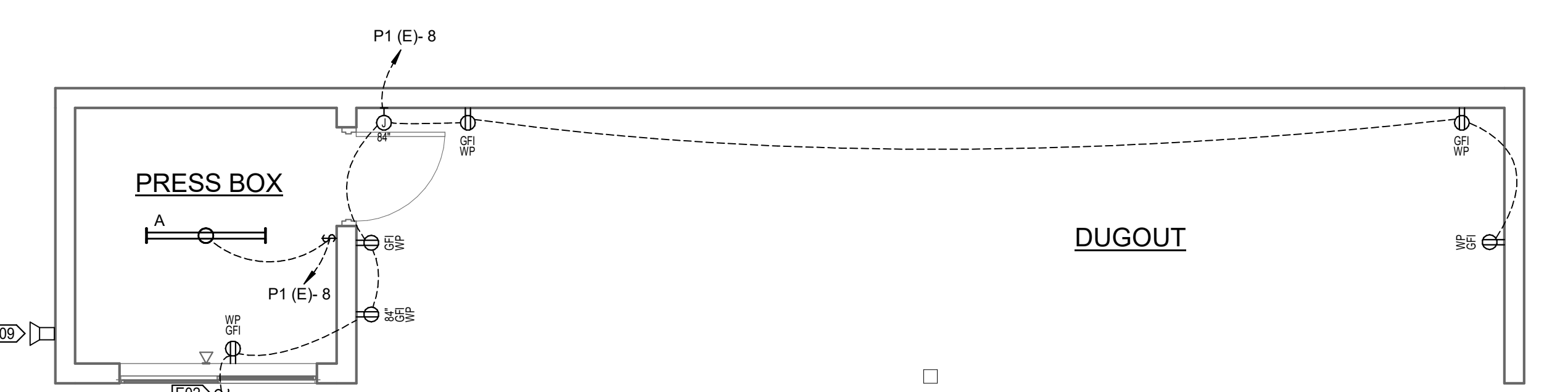
* FIELD VERIFY BREAKER SIZE WITH ACTUAL EQUIPMENT PROVIDED. COORDINATE WITH OTHER CONTRACTORS AS NECESSARY.
**TOTAL LOAD AND TOTAL AMPS DO NOT INCLUDE DEMAND FACTOR CALCULATIONS.
BREAKERS MARKED '(E)' ARE EXISTING TO REMAIN.



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

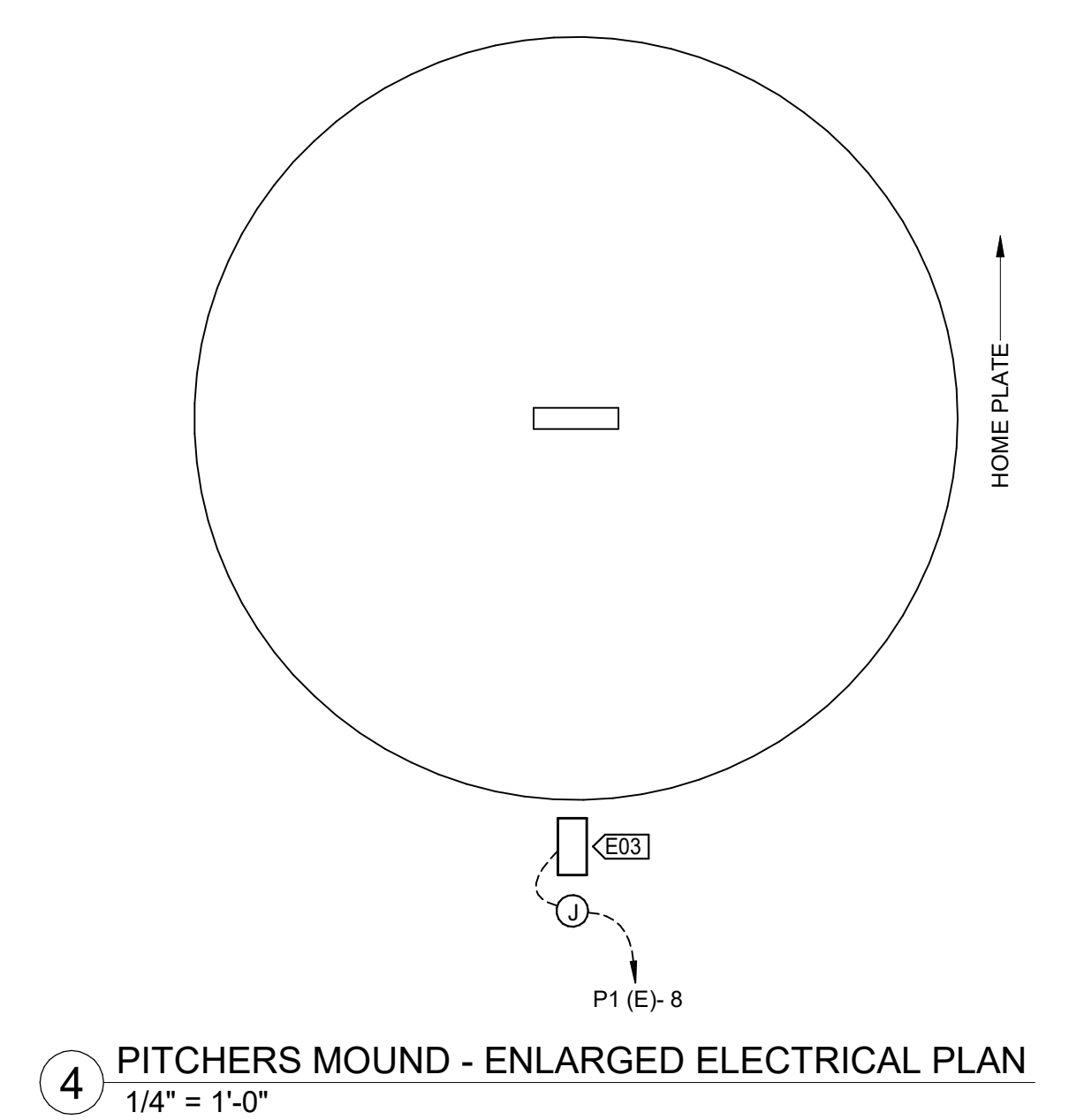


2 1ST BASE DUGOUT - ENLARGED ELECTRICAL PLAN
1/4" = 1'-0"



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 4/E102 FOR DETAILS.
E03	TYPE 6P NEMA ENCLOSURE, IP68 RATED OUTDOOR GROUND BOX WITH (2) NEMA 5-20R LOCKING DUPLEX RECEPTACLES, EQUAL TO LEGRAND XB814. LOCATE OUTDOOR GROUND BOX BEHIND BASEBALL PITCHERS MOUND LOCATION AS SHOWN. GROUND BOX COVER TO BE COVERED WITH TURF FIELD. COORDINATE WITH FIELD INSTALLATION.
E05	1-1/4" RMC UP THROUGH FLOOR. FIBER OPTIC CABLE TO OUTDOOR RATED IT CABINET. CABINET TO BE PROVIDED BY CONTRACTOR.
E09	COORDINATE POWER REQUIREMENTS AND MOUNTING HEIGHT WITH PA SYSTEM SPEAKER.



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