

FARMINGTON JUNIOR HIGH SCHOOL

FARMINGTON, AR

STANDARD REQUIREMENTS

STANDARD REQUIREMENTS

- PRIOR TO ENGINEERING APPROVAL OF THE BUILDING PERMIT, EITHER THE REQUIRED PUBLIC IMPROVEMENTS MUST BE INSTALLED AND ACCEPTED, OR PERFORMANCE BONDS IN THE AMOUNT OF 150% OF THE CONSTRUCTION COST FOR ALL PUBLIC IMPROVEMENTS MUST BE SUBMITTED, ACCOMPANIED BY A UNIT PRICE ESTIMATE APPROVED BY THE ENGINEERING DIVISION AND ALL EASEMENTS MUST BE DEDICATED AND OR VACATED.
- A GRADING AND DRAINAGE PERMIT WILL NOT BE ISSUED UNTIL:
 - A COPY OF THE SWPPP IS PROVIDED TO THE CITY. THE SWPPP WILL BECOME PART OF THE GRADING AND DRAINAGE PERMIT. (IN PDF FORMAT)
 - THE PERIMETER EROSION CONTROLS, CONSTRUCTION EXIT, AND SWPPP/GRADING PERMIT BOX HAVE BEEN INSPECTED AND APPROVED BY THE ENGINEERING DIVISION. (APPLICANT IS RESPONSIBLE FOR CONTACTING AND SCHEDULING THE EROSION CONTROL INSPECTION BY CALLING THE ASSIGNED PW)
 - THE ENGINEER OF RECORD SHALL REVIEW AND APPROVE MATERIAL SUBMITTALS (APPROVED SUBMITTALS SHALL BE SUBMITTED TO THE CITY FOR CONCURRENCE BEFORE PRECONSTRUCTION CONFERENCE AND MATERIAL IS ORDERED)
- A PRECONSTRUCTION CONFERENCE HAS TAKEN PLACE.
 - CONTACT DON OSBURN OF THE CITY OF FARMINGTON METER OPERATIONS DIVISION (575-8384) PRIOR TO THE PRECONSTRUCTION MEETING TO DISCUSS THE DOMESTIC AND/OR IRRIGATION WATER SERVICE DEMAND TO VERIFY SIZE OF METER PROPOSED.
 - PROVIDE ONE BOUND SET OF WATER & SEWER SPECIFICATIONS INCLUDING DETAILS FOR EACH THE INSPECTOR AND THE CONTRACTOR'S USE TO BE STAMPED BY ENGINEERING AT THE PRE-CONSTRUCTION CONFERENCE.
 - ALL CONTRACTORS/SUBS INSTALLING PUBLIC INFRASTRUCTURE (INCLUDING FIRELINE) MUST BE PRESENT ALONG WITH THE INSPECTOR FROM ENGINEER OF RECORD.
 - IF THE SUPERINTENDENT ON SITE CHANGES AFTER THE CITY OF FARMINGTON PRE-CONSTRUCTION MEETING, AN ADDITIONAL PRE-CONSTRUCTION MEETING WILL BE REQUIRED WITH THE NEW SUPERINTENDENT.
 - A COPY OF THE APPROVAL LETTER FROM THE ARKANSAS DEPARTMENT OF HEALTH IS OBTAINED AND FORWARDED TO THE ENGINEERING DIVISION.
- PRIOR TO PROJECT ACCEPTANCE (CERTIFICATE OF OCCUPANCY, OR TEMPORARY CERTIFICATE OF OCCUPANCY) THE FOLLOWING ITEMS MUST BE PERFORMED OR PROVIDED TO THE SATISFACTION OF THE ENGINEERING DEPARTMENT:
 - THE WORK SHOWN ON THE CIVIL SITE PACKAGE MUST BE COMPLETE AND THE ITEMS ON THE FINAL PUNCH LIST COMPLETED.
 - VEGETATION MUST BE ESTABLISHED IN ACCORDANCE WITH SECTION 169.06 OF THE UDC AND PERIMETER CONTROLS REMOVED.
 - ONE (1) SET OF AS-BUILT DRAWINGS OF THE COMPLETE PROJECT (EXCLUDING DETAILS) AS A HARD COPY, DIGITAL FILE .DWG, AND PDF FORMAT;
 - PROFESSIONAL SURVEYOR SHALL PROVIDE STAMP DRAWINGS SPECIFICALLY IDENTIFYING THE LIMITS OF AS-BUILT SURVEY PERFORMED.
 - PUBLIC INFRASTRUCTURE AND SERVICES SHALL BE SURVEYED AFTER INSTALLATION IN RELATION TO EASEMENTS, PROPERTY LINES, AND RIGHTS-OF-WAY.
 - MORE THAN 2 FT DEVIATION OF DESIGN ALIGNMENT OF SHALL REQUIRE NEW EASEMENT DEDICATION OR ADJUSTMENT OF THE UTILITY/STORM DRAIN.
 - SANITARY SEWER, AND STORM DRAINAGE (INCLUDING PRIVATE) ELEVATIONS MUST BE VERIFIED AND UPDATED. (ELEVATIONS OUT OF DESIGN TOLERANCE MUST BE CORRECTED)
 - STREET CENTERLINE, WIDTH, PROFILES AND CROSS SLOPES SHALL BE VERIFIED.
 - MORE THAN 6 INCHES DEVIATION OF DESIGN ALIGNMENT OF SHALL REQUIRE NEW RIGHT OF WAY DEDICATION OR ADJUSTMENT OF THE STREET SECTION.
 - ADEQUATE VERIFICATION SURVEY TO CONFIRM ACCURACY OF DRAINAGE REPORT.
 - AS-BUILTS SHOULD INCLUDE THE FOLLOWING INFORMATION IN A TABLE;
 - NEW PUBLIC STREETS (LINEAR FEET)
 - SIDEWALK (LINEAR FEET, CATEGORIZED BY WIDTH)
 - WATERLINE (LINEAR FEET)
 - SANITARY SEWER (LINEAR FEET)
 - NEWLY DEDICATED RIGHT-OF-WAY (SQUARE FEET)
- UNIT PRICE CONSTRUCTION COSTS FOR REVIEW AND APPROVAL AND A SINGLE 2 YEAR MAINTENANCE BONDS IN THE AMOUNT OF 25% OF THE PUBLIC INFRASTRUCTURE.
 - CERTIFICATION THAT THE STREETS, SIDEWALK, STORM SEWER, ETC., WERE INSTALLED PER APPROVED PLANS AND CITY OF FARMINGTON REQUIREMENTS;
 - CERTIFICATION THAT THE WATER, FIRE LINE, AND SEWER LINES, ETC., WERE INSTALLED PER APPROVED PLANS AND WASHINGTON WATER AUTHORITY REQUIREMENTS
- PROVIDE ALL INSPECTION REPORTS; APPROVED SUBMITTALS; DATA FORMS FROM UTILITY SPECIFICATIONS (INCLUDING CONSULTANTS SEWER TV REPORT); COMPACTION TEST RESULTS, ETC...
 - CROSS SECTIONS, VOLUME CALCULATIONS, AND CERTIFICATION RETENTION/DETENTION PONDS ARE IN ACCORDANCE WITH THE APPROVED DRAINAGE REPORT.
- SURVEYOR'S CERTIFICATION OF COMPLIANCE FOR MONUMENTS AND PROPERTY PINS.
- THE AS- BUILT FINAL DRAINAGE REPORT IN PDF FORMAT UPDATED PER AS-BUILT INVERT, SLOPE, INLET OPENING, ROAD PROFILE, CROSS SLOPE, ETC...

REVIEW OF THESE PLANS IS LIMITED TO GENERAL COMPLIANCE WITH CITY CODES AND REGULATIONS AND DOES NOT WARRANT THE ENGINEER'S DESIGN OR RELIEVE THE DEVELOPER OF ANY REQUIREMENTS, EVEN IF ERRORS, OMISSIONS, OR ANY INADEQUACIES ARE DISCOVERED AFTER PLAN APPROVAL. THE CITY'S REQUIREMENTS SHALL GOVERN OVER ANY CONFLICTS WITH THE PLANS OR SPECIFICATIONS. ANY CONDITIONS DETERMINED IN THE FIELD WHICH REQUIRE CHANGES SHALL BE SUBJECT TO FURTHER REVIEW AND CORRECTIVE ACTION.

CITY OF FARMINGTON CONTACT INFORMATION

PLANNING & ZONING:	MELISSA MCCARVILLE CITY BUSINESS MANAGER 354 WEST MAIN FARMINGTON, AR 72730 PHONE: (479)267-3865	WATER:	WASHINGTON WATER AUTHORITY 12567 W HWY 62, FARMINGTON, AR 72730 PHONE: (479) 267-2111
PUBLIC WORKS:	TANNER DENHAM PUBLIC WORKS MANAGER 380 BROYLES FARMINGTON, AR 72730 PHONE: (479)267-3865	GAS:	BLACK HILLS PHONE: (888) 890-5554
FIRE DEPT:	BILL HELLARD FIRE CHIEF 372 WEST MAIN P.O. BOX 150 FARMINGTON, AR 72730 PHONE: (479)267-3338	ELECTRIC:	SWEPCO PHONE: (888) 216-3523
		WASTE:	WASTE MANAGEMENT SYSTEMS 11979 ARBOR ACRES RD FAYETTEVILLE, AR 72701 PHONE: (800)443-5558
		TELEPHONE:	RAIRIE GROVE TELEPHONE CO 139 MOCK ST RAIRIE GROVE, AR 72753 PHONE: (479)267-7200

OWNERSHIP OF DOCUMENTS

THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICES, IS THE PROPERTY OF BATES & ASSOCIATES, INC., AND IS NOT TO BE USED, IN WHOLE OR PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF BATES & ASSOCIATES, INC.

SAFETY NOTICE TO CONTRACTOR

IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

THE DUTY OF THE ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, OR NEAR THE CONSTRUCTION SITE.

ENGINEER'S NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE DRAWINGS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE DRAWINGS AND WE ASSUME NO RESPONSIBILITY AS TO THE ACCURACY OF THEIR DEPICTED LOCATION ON THESE DRAWINGS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN, AND ALL OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE DRAWINGS BY VERIFICATION OF THEIR LOCATION IN THE FIELD PRIOR TO THE INITIATION OF THE ACTUAL PORTION OF THEIR WORK.



LARGE SCALE DEVELOPMENT

PARCEL NUMBER:	760-03201-000
PROJECT SITE ADDRESS:	12049 N HWY 170 FARMINGTON, AR
ZONING CLASSIFICATION:	R-1
PROPOSED USE:	SCHOOL
TOTAL SITE AREA:	27.5 ACRES±
OWNER/DEVELOPER:	FARMINGTON SCHOOL DISTRICT #6
SUPERINTENDENT:	JON LAFOON JLAFFOON@FARMCARDS.ORG (479)-266-1800
ARCHITECT:	ARCHITECTURE PLUS, INC. 907 SOUTH 21ST STREET FORT SMITH, AR 72901 (479) 783-8395
ENGINEER/SURVEYOR:	BATES & ASSOCIATES, INC. 7230 S. PLEASANT RIDGE DR. FAYETTEVILLE, AR 72703 PHONE: (479) 442-9350

INDEX OF DRAWINGS

C01	COVER SHEET
EX01	BOUNDARY SURVEY + DEMO
SP01-SP03	SITE PLAN
UT01-UT05	UTILITY PLAN & PROFILES
EC01	EROSION CONTROL
GP01-GP03	GRADING PLAN
L1.0-L1.5	LANDSCAPE PLAN
LP01	LIGHTING PLAN
DT01-DT02	SITE DETAILS WWA DETAILS

LEGEND

PROPOSED	EXISTING	DESCRIPTION
— AE —	—	ACCESS EASEMENT
—	—	ASPHALT
—	—	BUILDING
—	—	CANOPY
—	—	CENTERLINE
— 1318 —	— 1320 —	CONCRETE
— 1318 —	— 1320 —	CONTOURS (BOX)
— 1318 —	— 1320 —	CONTOURS (INT)
—	—	CURB & GUTTER
— DE —	—	DRAINAGE EASEMENT
— UE —	—	EASEMENT (UTILITY)
— UGE —	— UGE —	ELECTRIC (UNDERGROUND)
— OHE —	— OHE —	ELECTRIC (OVERHEAD)
— // —	— X —	FENCE
—	— FO —	FIBER OPTIC
—	—	FIRE STRIPING
— FM —	— FM —	FLOWLINE
—	— GAS —	FORCEMAIN
—	—	GAS MAIN
—	—	GRAVEL
—	—	GREENSPACE
— LB —	—	LANDSCAPE BUFFER
—	—	LIGHT
—	—	POWER POLE
—	—	PROPERTY LINE
— R/W —	— R/W —	RETAINING WALL
—	—	RIGHT OF WAY
— SSV —	— SSV —	SANITARY SEWER MH
— WS —	— WS —	SERVICE - SEWER
—	— SS —	SERVICE - WATER
—	—	SEWER
—	—	SIDEWALK
—	—	SIGN
— SF —	—	SILT FENCE
—	—	STORM BOX
—	—	STORM PIPE
—	—	TRUNCATED DOME
— W —	— W —	WATER
—	—	WETLANDS

PLAT NOTES:

1) SOME FEATURES AND/OR SYMBOLS ON THIS PLAT MAY BE SHOWN OUT OF SCALE FOR VISUAL CLARITY.

2) THE LOCATION OF UTILITIES SHOWN HEREON ARE FROM OBSERVED EVIDENCE OF ABOVE GROUND APPURTENANCES, GIS, AND/OR UTILITY MAPS PROVIDED BY LOCAL UTILITY COMPANIES. NOT ALL UTILITY COMPANIES MAY HAVE RESPONDED TO OUR REQUEST FOR MAPS AND/OR INFORMATION. ALL UTILITY LINES APPEARING ON THIS PLAT, AS WELL AS THOSE THAT MAY EXIST UNDERGROUND NEED TO BE VERIFIED PRIOR TO DOING ANY TYPE OF EXCAVATION OR DESIGN. SOME UTILITY LINES MAY ALSO EXIST THAT WERE NOT SHOWN ON THIS PLAT.

FLOOD CERTIFICATION:

NO PORTION OF THIS PROPERTY IS LOCATED WITHIN FLOOD ZONE "A" OR "AE" AS DETERMINED BY THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP FOR BENTON COUNTY, ARKANSAS.
(FIRM PANEL 05143C0215G. DATED 1/25/2024)

BASIS OF BEARING:

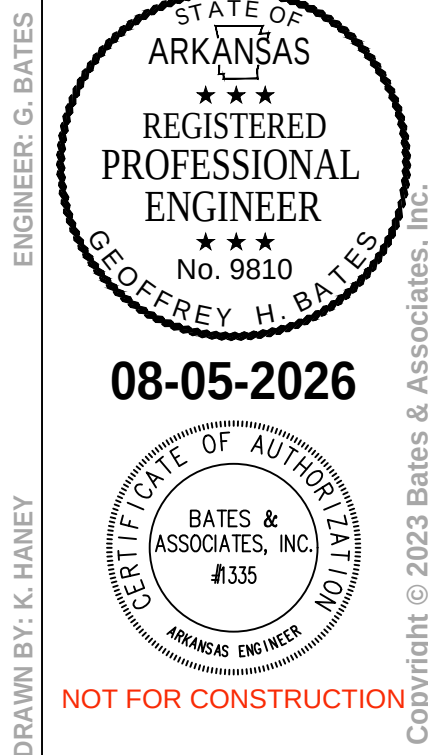
GPS OBSERVATION - AR NORTH ZONE
NAD83(2011) HORIZONTAL DATUM

BASIS OF ELEVATION:

ON-SITE NETWORK GPS OBSERVATION
NAVD88 VERTICAL DATUM

WAIVERS/ VARIANCES REQUESTED

- PARKING VARIANCE REQUESTED
 - SEC. 14.04.11. (1) (B.) (1.) (1.)
- LANDSCAPE VARIANCES REQUESTED
 - SEC. 14.04.24. (1) (a.)
 - SEC. 14.04.20. (b) (6) (b.)
 - SEC. 14.04.20. (b) (6) (a.)
 - SEC. 14.04.20. (c) (1) & (2)
 - SEC. 14.04.23. (a) (1)
- CROSS CONNECTION VARIANCE REQUESTED
 - SEC. 16.04.01. (2)
- GRAVEL SURFACE VARIANCE REQUESTED
 - SEC. 15.08.03.
- DESIGN STANDARD FOR NON-RESIDENTIAL DEVELOPMENT VARIANCE REQUESTED
 - SEC. 14.04.11.(d) (2) (b.) (3.)
- SINGLE ROOF LINE VARIANCE REQUESTED
 - SEC. 14.04.11.(d) (2) (g.) (3.)
- BUILDING ARTICULATION VARIANCE REQUESTED
 - SEC. 14.04.11.(d) (2) (d.) (3.) (III.)
- BUILDING MATERIAL VARIANCE REQUESTED
 - SEC. 14.04.11.(d) (2) (b.) (3.)



DATE	REVISIONS
08/22/26	50% Check set
08/23/26	1st Submittal
08/05/26	2nd Submittal

FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
COVER SHEET
FARMINGTON, ARKANSAS



BATES
Engineers - Surveyors
7230 S Pleasant Ridge Dr Fayetteville, AR 72704
PH: (479) 442-9350 / bateswa.com

25-105
DRAWING NO.
C01



ADJACENT PROPERTY OWNERS:
01) CITY OF FARMINGTON
PO BOX 150
FARMINGTON, AR 72730
PARCEL #760-03198-000, #760-03198-002
ZONED: R-1

02) ARKANSAS STATE HIGHWAY COMMISSION
PO BOX 2261
LITTLE ROCK, AR 72203-2261
PARCEL #760-03201-001, #760-03202-002,
#760-03209-002, #760-03210-001
ZONED: R-1, RE-1, & A-1

03) HILLCREST HOLDINGS LLC
PO BOX 546
JOHNSON, AR 7274-0546
PARCEL #760-03202-000
ZONED: RE-1

04) MARITAL TRUST C/U HALE FAMILY
REVOCABLE TRUST JOYCE E HALE
285 W CLEBURN ST
FAYETTEVILLE, AR 72701-1912
PARCEL #760-03204-000
ZONED: RE-1

05) LEWIS, LINDA MARIE
12008 N HWY 170
FARMINGTON, AR 72730-9645
PARCEL #760-03209-000, #760-03210-000
ZONED: A-1

06) HAMBLIN, GARY JACK & ZELLA FAYE
50 N LOCUST ST
FARMINGTON, AR 72730-2800
PARCEL #760-03159-000
ZONED: A-1

07) SASIDHARA, SHYAM MOHAN PRABHU &
PURNOMO, MERRISA
200 FONTAINEBLEAU ST
GEORGETOWN, TX 78628-2160
PARCEL #760-04688-000, #760-04680-000
ZONED: R-1

08) HICKINGBOTHAM, HALEY
580 UTAH AVE
FARMINGTON, AR 72730
PARCEL #760-04687-000
ZONED: R-1

09) EDWARDS, JUDY IRREVOCABLE TRUST
574 UTAH AVE
FARMINGTON, AR 72730-8015
PARCEL #760-04686-000
ZONED: R-1

10) HOOPER, COREY; ROGERS, ASHLEN
568 UTAH AVE
FARMINGTON, AR 72730-8015
PARCEL #760-04685-000
ZONED: R-1

11) STANICK, JENNIFER ANNE & CHARLES
ROGER IV
560 UTAH AVE
FARMINGTON, AR 72730-8015
PARCEL #760-04684-000
ZONED: R-1

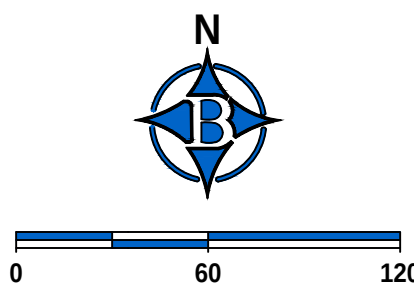
12) MARTENS, MATTHEW LEVI
550 UTAH AVE
FARMINGTON, AR 72730-8015
PARCEL #760-04683-000
ZONED: R-1

13) NORTON, JANE MICHELLE & LARRY ALLEN
542 UTAH AVE
FARMINGTON, AR 72730
PARCEL #760-04682-000
ZONED: R-1

14) BLACKMON, BRANDI A
536 UTAH AVE
FARMINGTON, AR 72730
PARCEL #760-04681-000
ZONED: R-1

15) BURNS FAMILY LIVING TRUST
524 UTAH AVE
FARMINGTON, AR 72730-8015
PARCEL #760-04679-000
ZONED: R-1

16) D R HORTON - NW ARKANSAS LLC
5502 W WALSH LN
ROGERS, AR 72758
PARCEL #760-03106-002
ZONED: R-1



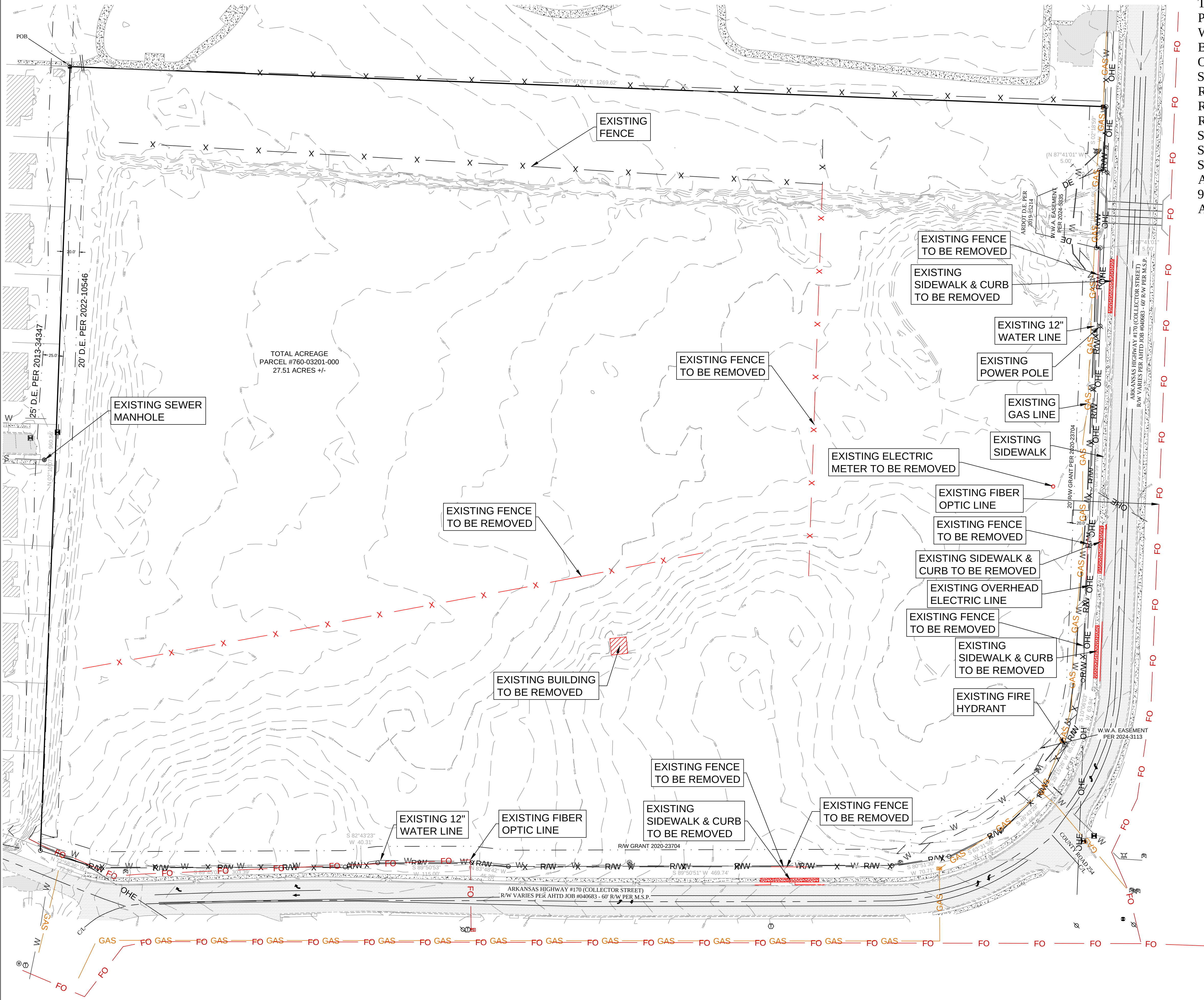
ENGINEER: G. BATES
DRAWN BY: K. HANEY
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
Exp. 12/31/2024
BATES & ASSOCIATES, INC.
#1335
NOT FOR CONSTRUCTION

DATE	REVISIONS
06/22/26	50% Check set
06/23/26	1st Submittal
08/05/26	2nd Submittal

FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
EXISTING SURVEY & DEMO PLAN
FARMINGTON, ARKANSAS



BATES
Engineers - Surveyors
7230 S Pleasant Ridge Dr / Fayetteville, AR 72704
PH: (479) 442-9550 / batesma.com



SURVEY DESCRIPTION:
A PART OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 35, TOWNSHIP 16 NORTH, RANGE 31 WEST, WASHINGTON COUNTY, ARKANSAS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT: BEGINNING AT AN EXISTING REBAR ON THE WEST LINE OF SAID FORTY ACRE TRACT AND ON THE SOUTH LINE OF A SURVEY PLAT FILED IN BOOK 2022 AT PAGE 15998 IN THE OFFICE OF THE CIRCUIT CLERK AND EX-OFFICIO RECORDER OF WASHINGTON COUNTY ARKANSAS WHICH IS S02°10'07"W 1657.21' FROM AN EXISTING STATE SURVEY MONUMENT MARKING THE NORTHWEST CORNER OF SAID FORTY ACRE TRACT AND RUNNING THENCE ALONG SAID SOUTH SURVEY LINE S87°47'09"E 1269.62' TO THE WEST RIGHT-OF-WAY IN ARKANSAS HIGHWAY #170 PER AHTD JOB #040683, THENCE ALONG SAID RIGHT-OF-WAY THE FOLLOWING: S02°18'59"W 78.08', N87°41'01"W 5.00', S02°18'59"W 95.00', S87°41'01"E 5.00', S02°18'59"W 530.00', S10°06'03"W 63.94', S28°15'26"W 85.05', S46°43'28"W 66.48', S63°31'55"W 71.55', S80°51'30"W 70.71', S89°50'51"W 469.74', N83°48'42"W 45.28', S89°50'53"W 115.00', S82°43'23"W 40.31', S89°45'02"W 303.39', N72°58'36"W 72.93' TO THE WEST LINE OF SAID FORTY ACRE TRACT, THENCE LEAVING SAID RIGHT-OF-WAY AND ALONG SAID WEST LINE N02°10'07"E 960.56' TO THE POINT OF BEGINNING, CONTAINING 27.51 ACRES, MORE OR LESS. SUBJECT TO ALL EASEMENTS AND RIGHTS-OF-WAY OF RECORD.

BASIS OF ELEVATION:
ON-SITE NETWORK GPS OBSERVATION
NAVD88 VERTICAL DATUM

BASIS OF BEARING:
GPS OBSERVATION - AR NORTH ZONE
NAD83(2011) HORIZONTAL DATUM

PROPERTY ZONED:
R-1

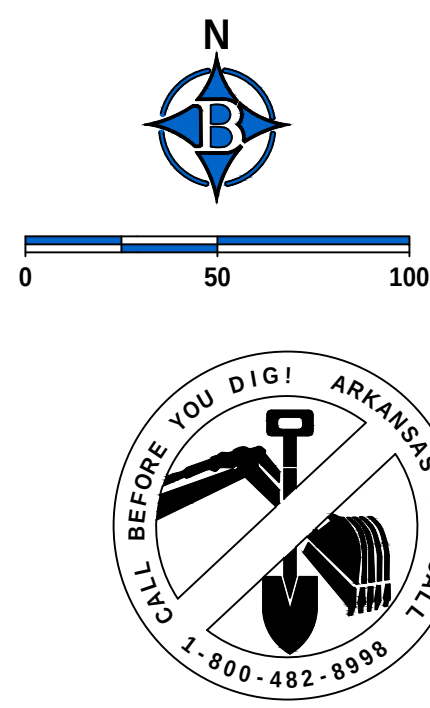
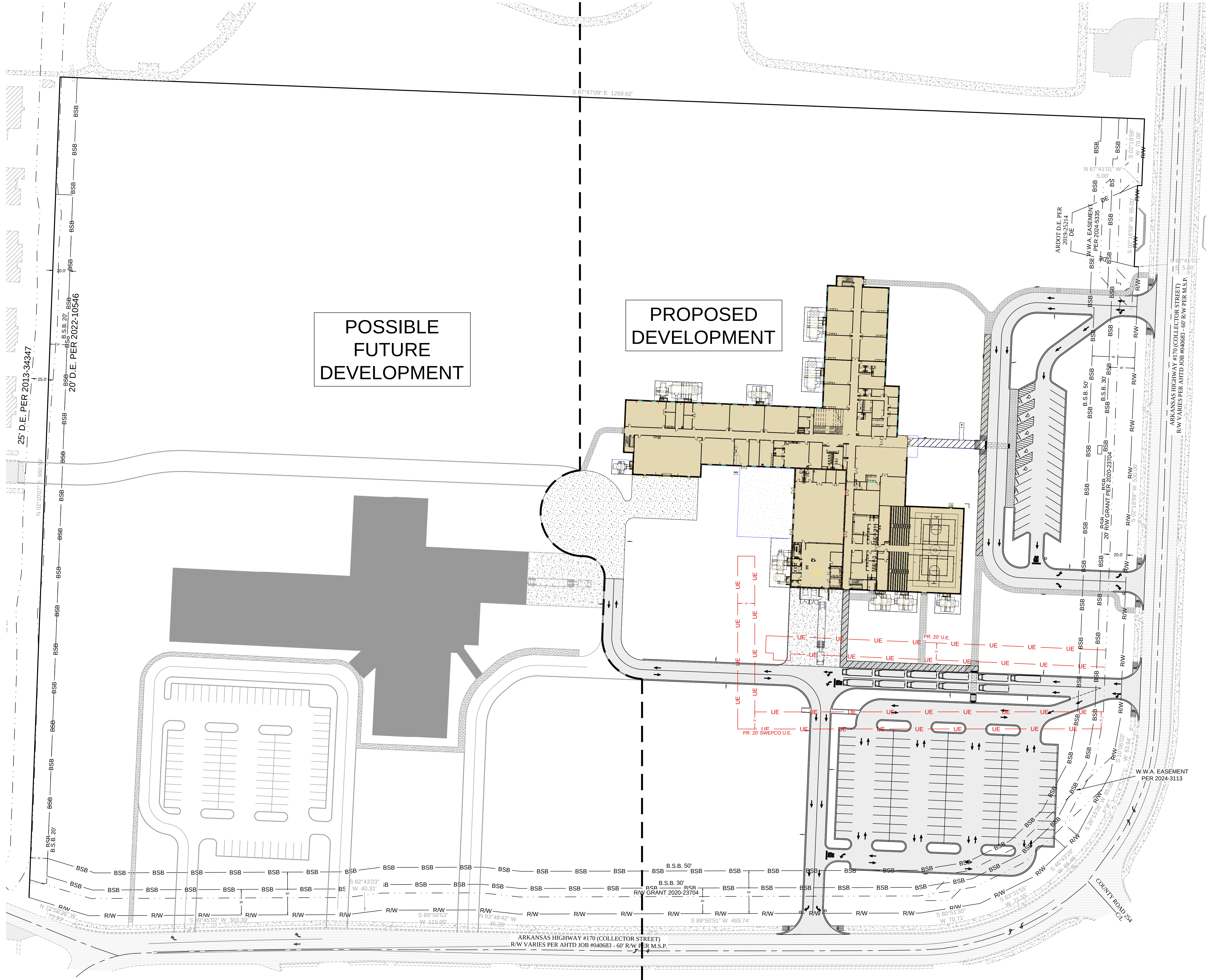
BUILDING SETBACKS:

CHURCHES AND SCHOOLS:
FRONT 30ft
FRONT 50ft IF PARKING IS ALLOWED BETWEEN R-O-W AND THE BUILDING
SIDE 0ft SUBJECT TO APPLICABLE FIRE AND BUILDING CODES
SIDE 20ft WHEN CONTIGUOUS TO A RESIDENTIAL DISTRICT
REAR 20ft

PLAT NOTES:
1) SOME FEATURES AND/OR SYMBOLS ON THIS PLAT MAY BE SHOWN OUT OF SCALE FOR VISUAL CLARITY.

2) THE LOCATION OF UTILITIES SHOWN HEREON ARE FROM OBSERVED EVIDENCE OF ABOVE GROUND APPURTENANCES, GIS, AND/OR UTILITY MAPS PROVIDED BY LOCAL UTILITY COMPANIES. NOT ALL UTILITY COMPANIES MAY HAVE RESPONDED TO OUR REQUEST FOR MAPS AND/OR INFORMATION. ALL UTILITY LINES APPEARING ON THIS PLAT, AS WELL AS THOSE THAT MAY EXIST UNDERGROUND NEED TO BE VERIFIED PRIOR TO DOING ANY TYPE OF EXCAVATION OR DESIGN. SOME UTILITY LINES MAY ALSO EXIST THAT WERE NOT SHOWN ON THIS PLAT.

LEGEND		
PROPOSED	EXISTING	DESCRIPTION
— AC — AC —		ACCESS EASEMENT
		ASPHALT
		BUILDING
		CANOPY
		CENTERLINE
		CONCRETE
		CONTOURS (BD)
		CONTOURS (NT)
		CURB & GUTTER
		DRAINAGE EASEMENT
		EASEMENT (UTILITY)
		ELECTRIC (UNDERGROUND)
		ELECTRIC (OVERHEAD)
		FENCE
		FIBER OPTIC
		FIRE STRIPING
		FLOWLINE
		FORCEMAIN
		GAS MAIN
		GRAVEL
		GREENSPACE
		LANDSCAPE BUFFER
		LIGHT
		POWER POLE
		PROPERTY LINE
		RETAINING WALL
		RIGHT OF WAY
		SANITARY SEWER MH
		SERVICE - SEWER
		SERVICE - WATER
		SEWER
		SIDEWALK
		SIGN
		SILT FENCE
		STORM BOX
		STORM PIPE
		TRUNCATED DOME
		WATER
		WETLANDS



ENGINEER: G. BATES
DRAWN BY: K. HANEY

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
GEOFFREY H. BATES

08-05-2026

INSTITUTION OF AUTHORITY
BATES & ASSOCIATES, INC.
#1335
MANAGE ENGINEER

NOT FOR CONSTRUCTION

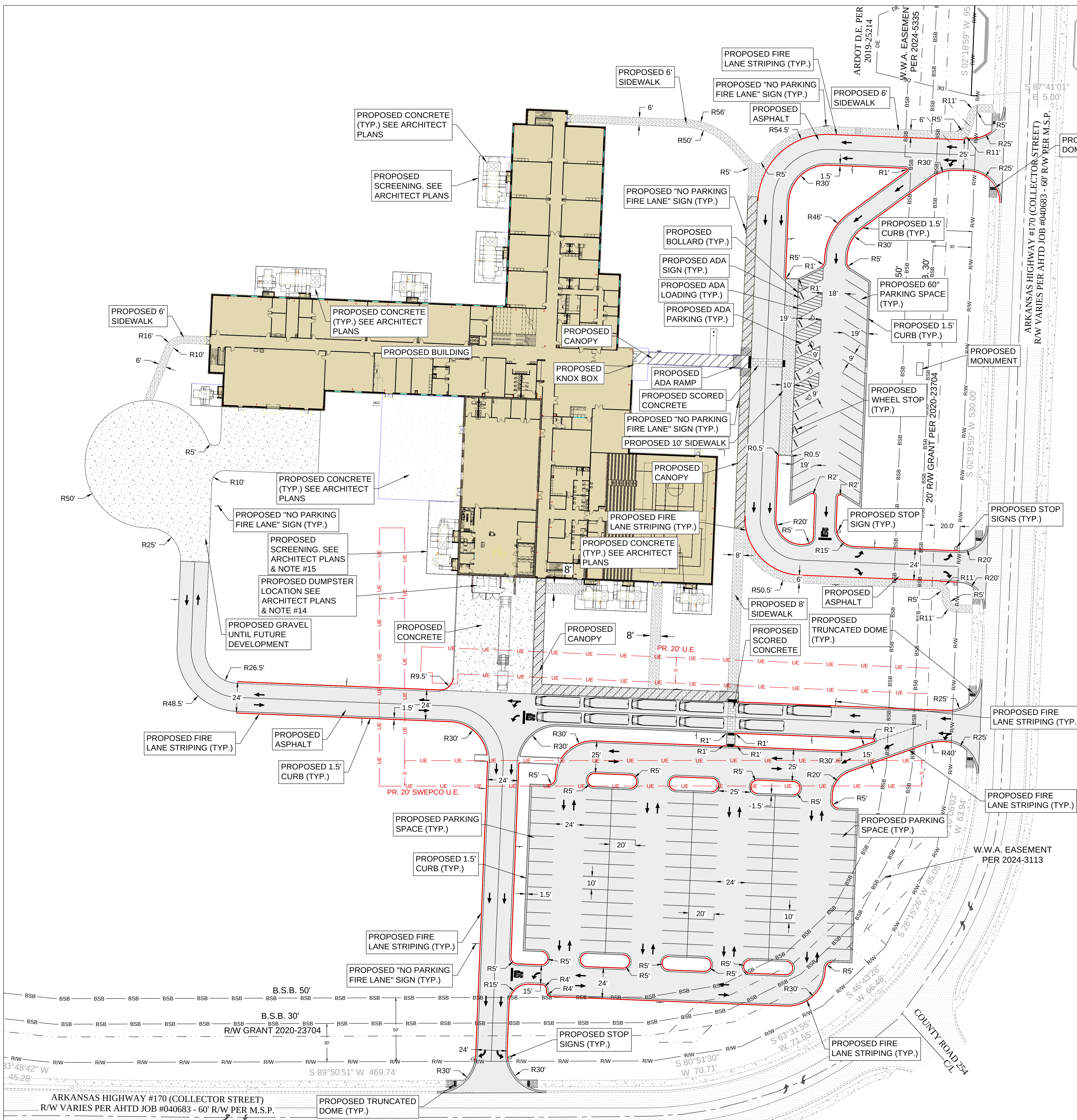
DATE	REVISIONS
50% Check set	
06/22/26	
1st Submittal	
06/23/26	
2nd Submittal	
08/05/26	

FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
SITE PLAN (POSSIBLE FUTURE)
FARMINGTON, ARKANSAS



BATES
Engineers • Surveyors

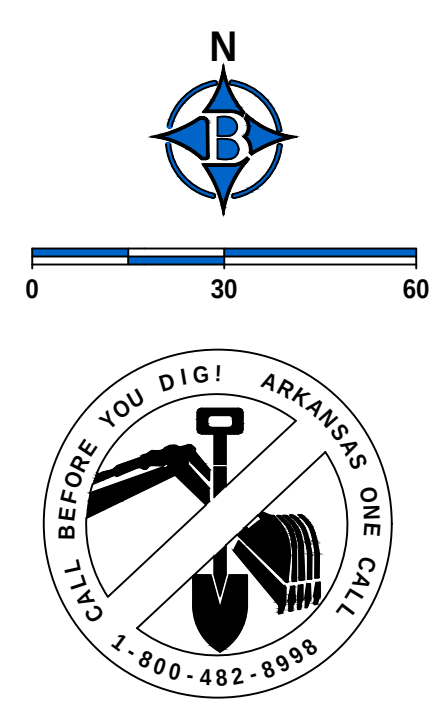
7230 S Pleasant Ridge Dr / Fayetteville, AR 72704
PH: (479) 442-9550 / batesnwa.com



- GENERAL NOTES TO CONTRACTOR**
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RELOCATE UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
 - CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO STARTING CONSTRUCTION.
 - EXISTING GRADE CONTOURS ARE AT ONE FOOT INTERVALS.
 - PROPOSED CONTOURS ARE AT FINISH GRADE AND ARE AT ONE FOOT INTERVALS.
 - PROPOSED SPOT ELEVATIONS ARE TOP OF FINISH CURB UNLESS OTHERWISE INDICATED OR SHOWN.
 - THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS OUTLINED IN THE GENERAL N.P.D.E.S. PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
 - CONTRACTOR TO INSTALL MUD ABATEMENT ENTRANCES ANYWHERE PROPOSED STREETS ENTER EXISTING PUBLIC STREETS. ENTRANCE TO BE CONSTRUCTED A MIN. OF 50' IN LENGTH BY WIDTH OF PROPOSED STREET AND TO A DEPTH OF 8 INCHES.
 - CONTRACTOR TO INSTALL EROSION CONTROL FENCING PRIOR TO BEGINNING ANY CONSTRUCTION. FENCING SHALL BE MAINTAINED & REPAIRED AS NECESSARY BY THE CONTRACTOR DURING CONSTRUCTION.
 - CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
 - ALL CONCRETE TO HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH OF 4000 PSI.
 - DAMAGE DURING CONSTRUCTION TO ANY EXISTING STRUCTURES TO REMAIN SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE.
 - ALL MATERIALS AND CONSTRUCTION SHALL COMPLY WITH THE CITY OF FARMINGTON REQUIREMENTS. IN THE CASE OF CONFLICTS, THE CITY'S CRITERIA SHALL GOVERN.
 - ALL SIDEWALKS AND HANDICAP RAMPS SHALL BE BUILT TO THE CURRENT STANDARDS OF THE AMERICANS WITH DISABILITIES ACT REQUIREMENTS.
 - DUMPSTER TO COMPLY WITH CITY OF FARMINGTON SEC 14.04.23 (B).
 - MECHANICAL EQUIPMENT TO BE SCREENED PER CITY OF FARMINGTON SEC 14.04.23(C).

BUILDING SETBACKS	
FRONT	30FT
FRONT	50FT IF PARKING IS ALLOWED BETWEEN R-O-W AND THE BUILDING (SHOWN)
SIDE	0FT SUBJECT TO APPLICABLE FIRE AND BUILDING CODES
SIDE	20FT WHEN CONTIGUOUS TO A RESIDENTIAL DISTRICT
REAR	20FT (SHOWN)

PARKING REQUIREMENTS	
SCHOOL: 1 PARKING SPACE PER EACH 1,000 SQ. FT. OF SCHOOL FLOOR AREA AND 1 PER EACH 500 SQ. FT. OF FLOOR AREA IN ALL OTHER AREAS.	
CALCULATION 61,051.29/1,000=61.05(62) SPACES REQUIRED	
SPACES REQUIRED:	62 SPACES
SPACES PROVIDED:	127 SPACES
ADA SPACES REQUIRED:	5 SPACES
ADA SPACES PROVIDED:	5 SPACES
TOTAL SPACES:	132 SPACES
OPEN SPACE:	1,198,437.36 SQ.FT.
GROSS AREA:	1,001,624.24 SQ.FT. (84%)
GREENSPACE:	196,813.12 SQ.FT. (16%)
IMPERVIOUS AREA:	

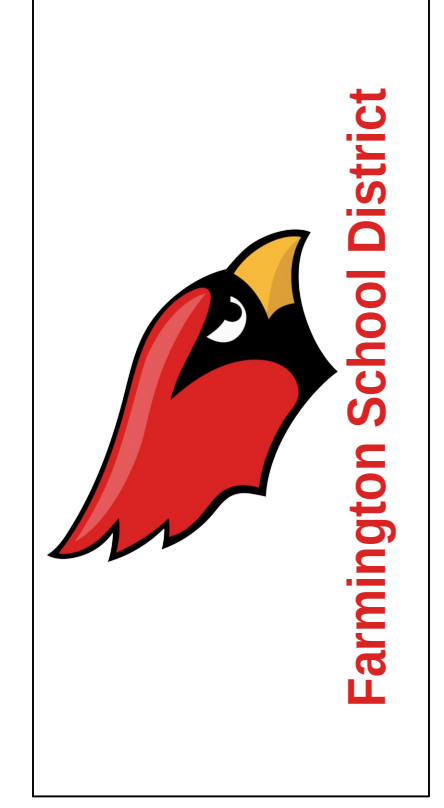


ENGINEER: G. BATES
DRAWN BY: K. HANEY
PROJECT NO. 25-195
DRAWING NO. SP02

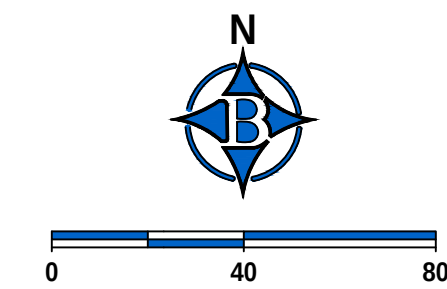
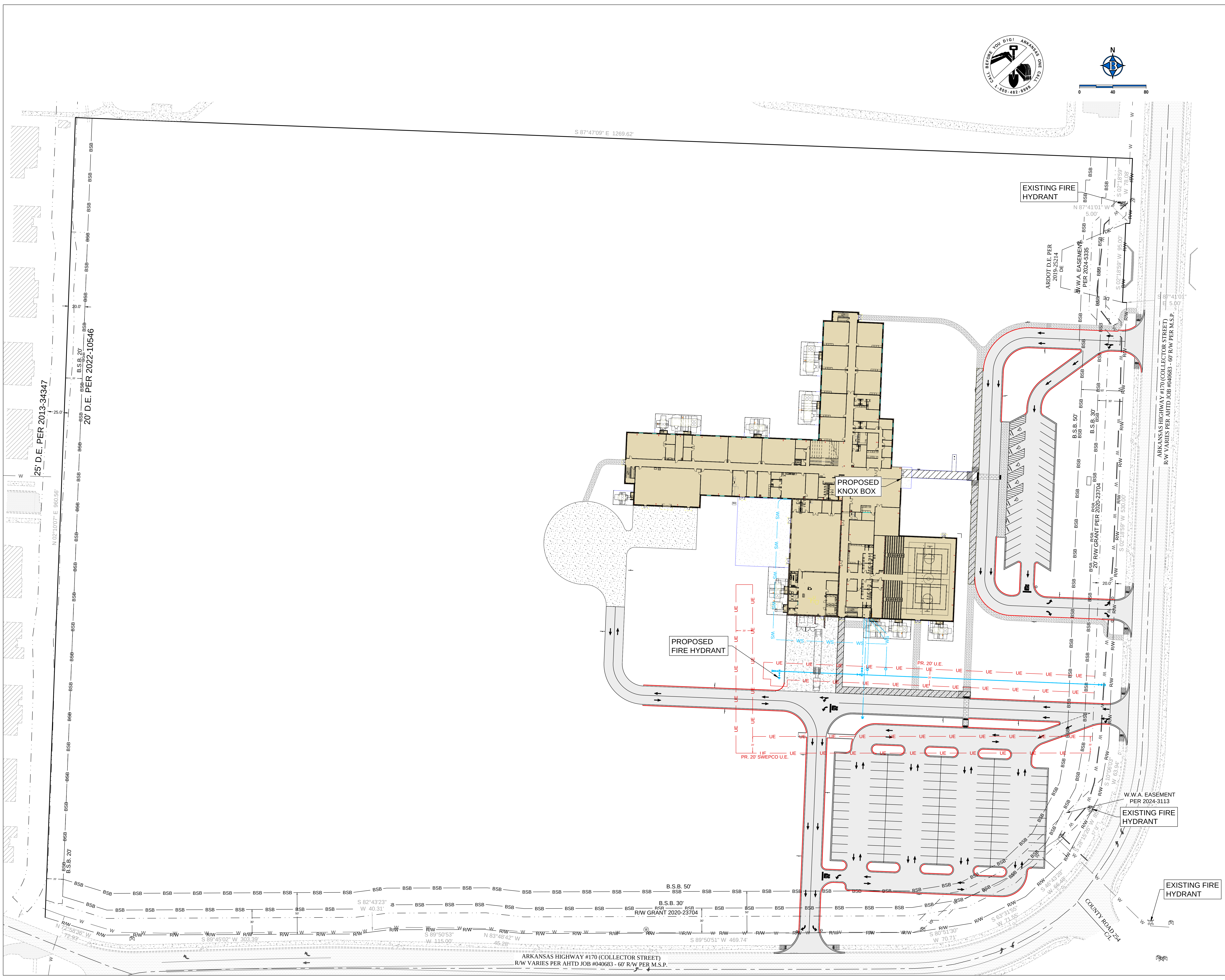
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
GEOFFREY H. BATES
08-05-2026
BATES & ASSOCIATES, INC.
1-800-482-8998
NOT FOR CONSTRUCTION

DATE	REVISIONS
06/22/26	50% Check set
06/23/26	1st Submittal
08/05/26	2nd Submittal

FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
SITE PLAN
FARMINGTON, ARKANSAS



BATES
Engineers - Surveyors
7230 S Pleasant Ridge Dr / Fayetteville, AR 72704
PH: (479) 442-9350 / batesma.com

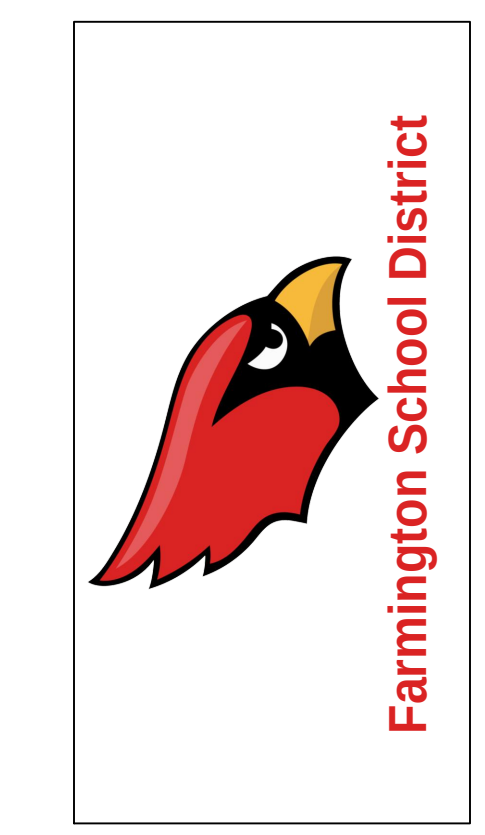


ENGINEER: G. BATES
DRAWN BY: K. HANEY
PROJECT NO. 25-195
DRAWING NO. SP03

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
Geoffrey H. Bates
08-05-2026
BATES & ASSOCIATES, INC.
#335
NOT FOR CONSTRUCTION

DATE	REVISIONS
06/22/26	50% Check set
06/23/26	1st Submittal
08/05/26	2nd Submittal

FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
HYDRANT LAYOUT
FARMINGTON, ARKANSAS



BATES
Engineers • Surveyors
7230 S Pleasant Ridge Dr / Fayetteville, AR 72704
PH: (479) 442-9350 / batesma.com

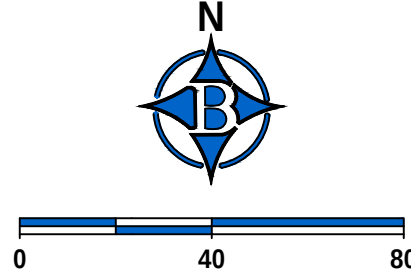
GENERAL UTILITY NOTES:

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE LATEST CITY OF FARMINGTON STANDARDS AND SPECIFICATIONS AND WASHINGTON WATER AUTHORITY SPECIFICATIONS FOR WATER AND SEWER IMPROVEMENTS.
2. SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED UTILITIES BE ENCOUNTERED, THE CONTRACTOR SHALL CONTACT THE OWNER IMMEDIATELY FOR DIRECTIONS.
3. CONTRACTOR SHALL COORDINATE ANY INTERRUPTION OF UTILITY SERVICE WITH OWNER AND UTILITY COMPANY.
4. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION, AT LEAST 48 HOURS PRIOR TO ANY DEMOLITION, GRADING OR CONSTRUCTION ACTIVITY THE CONTRACTOR SHALL NOTIFY ARKANSAS 811 FOR PROPER IDENTIFICATION OF EXISTING UTILITIES WITHIN THE PROJECT SITE.
5. ANY PLANNED INTERRUPTION OF UTILITY SERVICE SHALL BE GIVEN A 48 HOUR NOTICE TO THE UTILITY COMPANY AND THE OWNER BY THE CONTRACTOR.
6. CONTRACTOR SHALL SAW CUT, REMOVE, AND REPLACE ASPHALT/CONCRETE PAVEMENT AS NECESSARY TO INSTALL UNDERGROUND ELECTRIC, TELEPHONE, SEWER, WATER, AND COMMUNICATION CONDUITS.
7. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF WATER & SEWER WITH WASHINGTON WATER AUTHORITY.
8. CROSS CONNECTION CONTROL AND BACK FLOW PREVENTION SHALL BE IN ACCORDANCE WITH THE UNIFORM STATEWIDE BUILDING CODE. ALL BACKFLOW PREVENTERS SHALL BE ABOVE-GROUND AND PROPERLY INSULATED.
9. CONTRACTOR SHALL CONTACT WASHINGTON WATER AUTHORITY AT (479)267-2111 FOR THE INSTALLATION OF WATER METERS AND NEW TAPS TO EXISTING WATER LINES.
10. CONTRACTOR SHALL REFERENCE MEP PLANS FOR UTILITY CONNECTIONS INSIDE BUILDING AS WELL AS SERVICES COMING FROM SAID BUILDING.
11. INSTALL ANY BENDS, FITTINGS, AND ADAPTERS FOR SEWER LINES AS SHOWN ON PLAN.
12. CONTRACTOR MUST FIELD VERIFY ALL EXISTING DRAINAGE AND SEWER INVERTS. NOTIFY ENGINEER OF ANY PROBLEMS BEFORE CONSTRUCTION BEGINS.
13. CONTRACTOR MUST FIELD VERIFY EXISTING TELEPHONE/FIBER OPTIC LINE INVERTS. IF CONFLICT EXISTING, CONTACT UTILITY COMPANY.

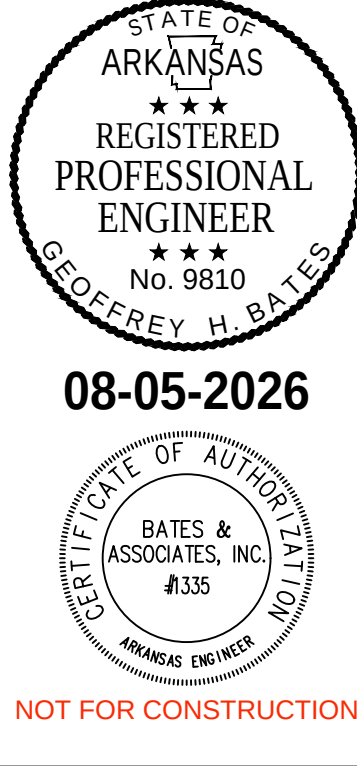
WATERLINE LEGEND

4 WAY	
TEE	
GATE VALVE	
FIRE HYDRANT	
THRUST BLOCK	
90°	
45°	
22.50°	
11.25°	
CAP/PLUG	
REDUCER	
FIRE DEPT. CONNECTION	
BLOW OFF VALVE	
AIR RELEASE	
WATER METER	
IRRIGATION METER	
RPZ	

CITY NOTE:
ALL WORK WITHIN THE CITY OF FARMINGTON RIGHT OF WAY SHALL COMPLY WITH THE CITY OF FARMINGTON STANDARDS AND WILL REQUIRE INSPECTION BY THE CITY OF FARMINGTON.



ENGINEER: G. BATES
DRAWN BY: K. HANEY



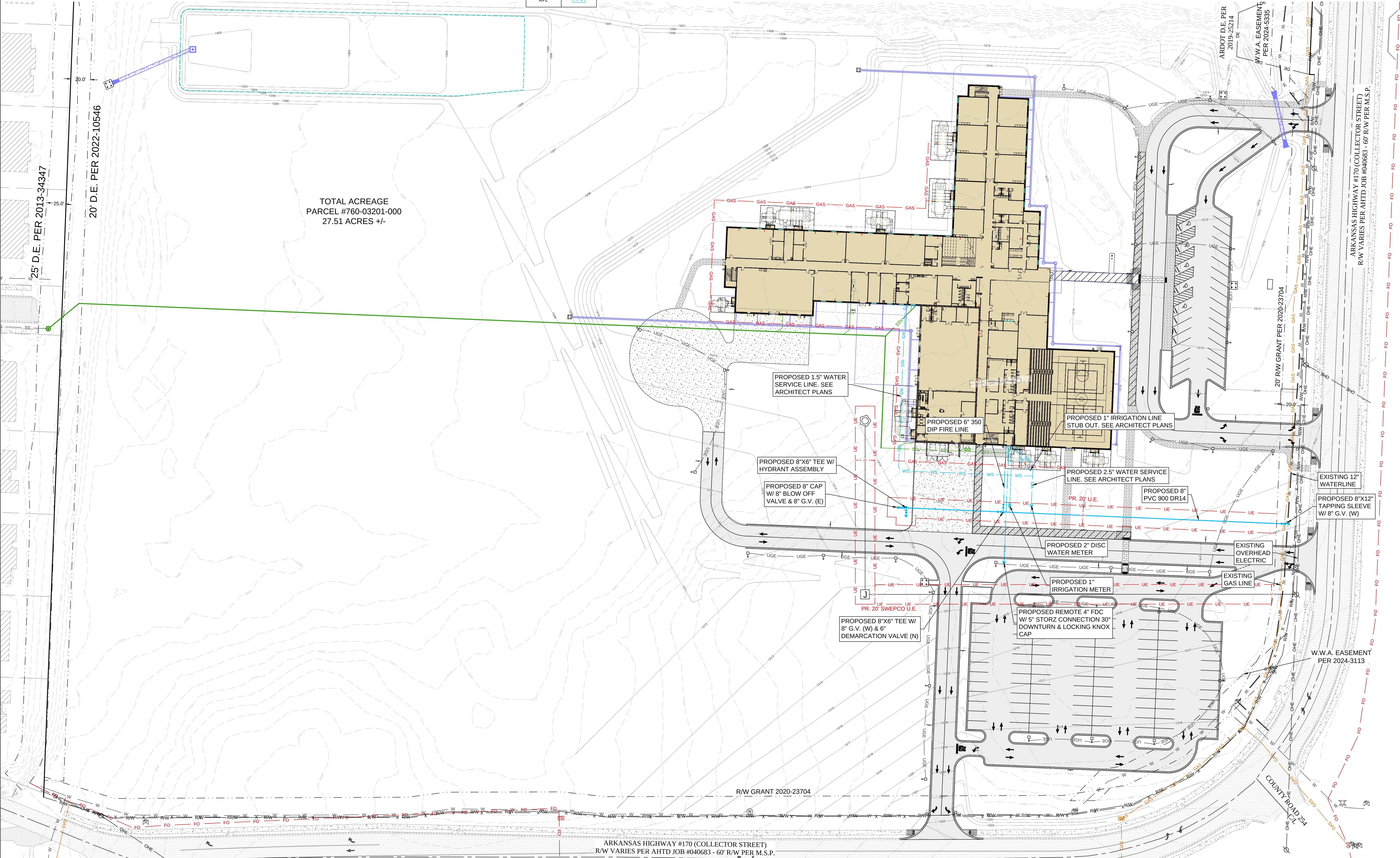
DATE	REVISIONS
06/22/26	50% Check set
06/23/26	1st Submittal
08/05/26	2nd Submittal

FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
UTILITY PLAN (WATER)
FARMINGTON, ARKANSAS



BATES
Engineers - Surveyors
7230 S Pleasant Ridge Dr / Fayetteville, AR 72704
PH: (479) 442-9550 / batesma.com

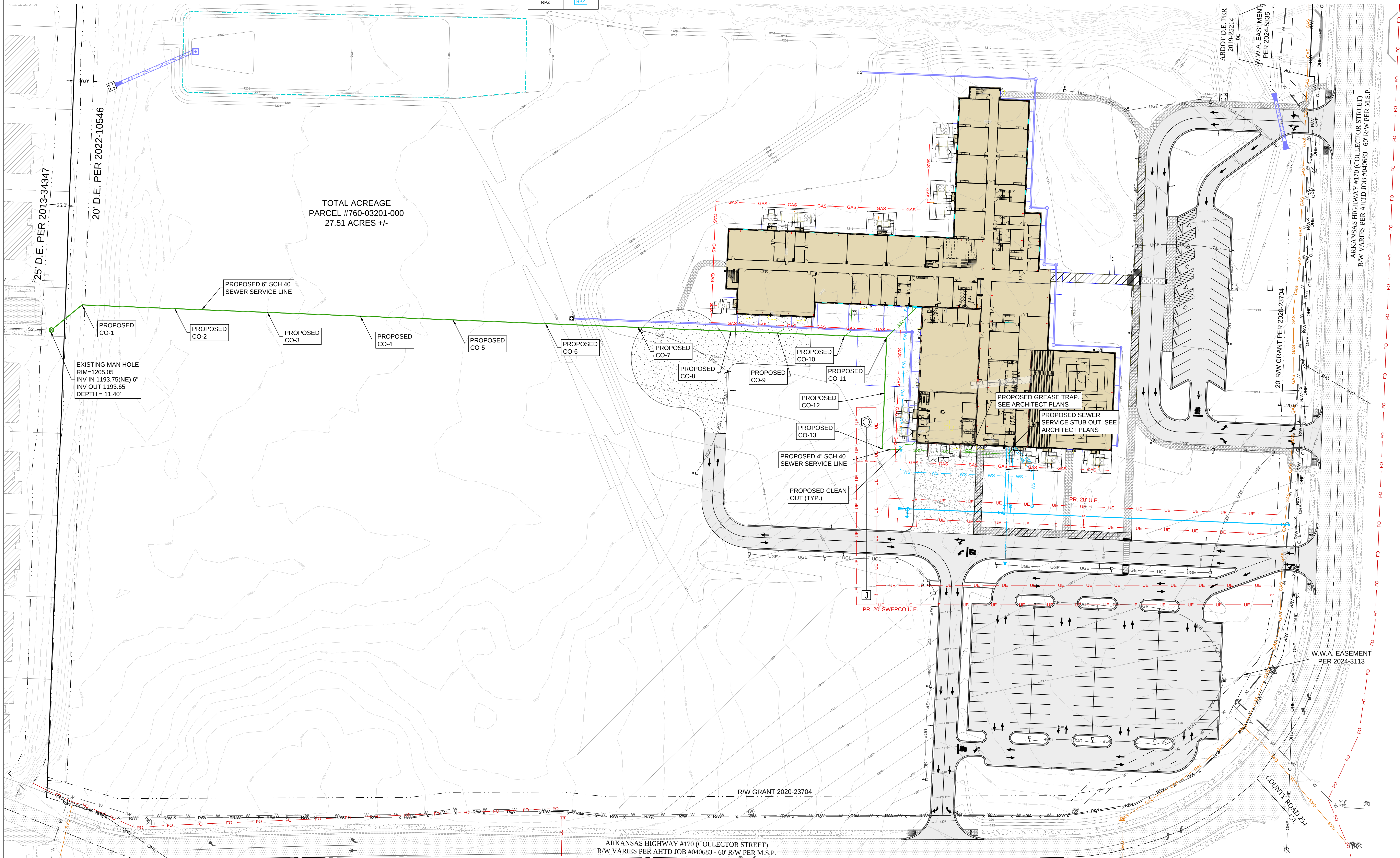
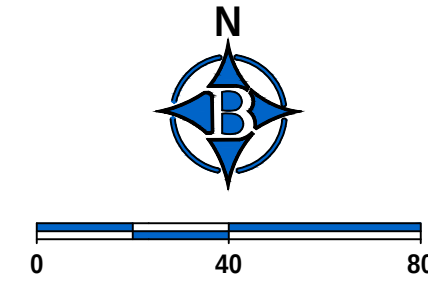
25-195
DRAWING NO.
UT01



1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE LATEST CITY OF FARMINGTON STANDARDS AND SPECIFICATIONS AND WASHINGTON WATER AUTHORITY SPECIFICATIONS FOR WATER AND SEWER IMPROVEMENTS.
2. SHOULD ANY UNCHARTERED OR INCORRECTLY CHARTED UTILITIES BE ENCOUNTERED, THE CONTRACTOR SHALL CONTACT THE OWNER IMMEDIATELY FOR DIRECTIONS.
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4. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION, AT LEAST 48 HOURS PRIOR TO ANY DEMOLITION, GRADING OR CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL NOTIFY ARKANSAS 811 FOR PROPER IDENTIFICATION OF EXISTING UTILITIES WITHIN THE PROJECT SITE.
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WATERLINE LEGEND	
4 WAY	
TEE	
GATE VALVE	
FIRE HYDRANT	
THRUST BLOCK	
90°	
45°	
22.50°	
11.25°	
CAPPLUG	
REDUCER	
FIRE DEPT. CONNECTION	
BLOW OFF VALVE	
AIR RELEASE	
WATER METER	
IRRIGATION METER	
RPZ	

CITY NOTE:
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ENGINEER: G. BATES

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
GEOFFREY H. BATES

08-05-2026

CERTIFICATE OF AUTHORIZATION
BATES & ASSOCIATES, INC.
#335
ARKANSAS ENGINEER

DRAWN BY: K. HANEY

NOT FOR CONSTRUCTION

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REVISIONS	DATE
50% Check set	06/22/26
1st Submittal	06/23/26
2nd Submittal	09/05/26

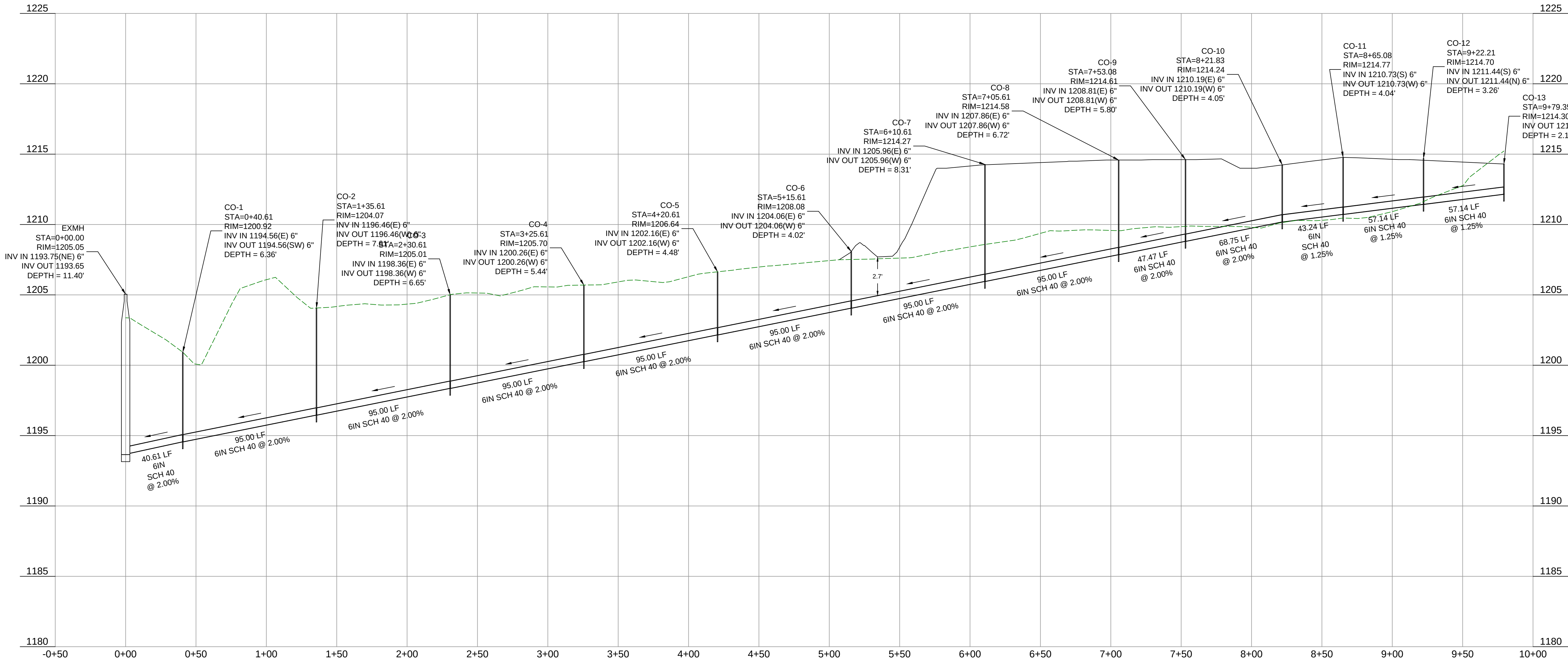
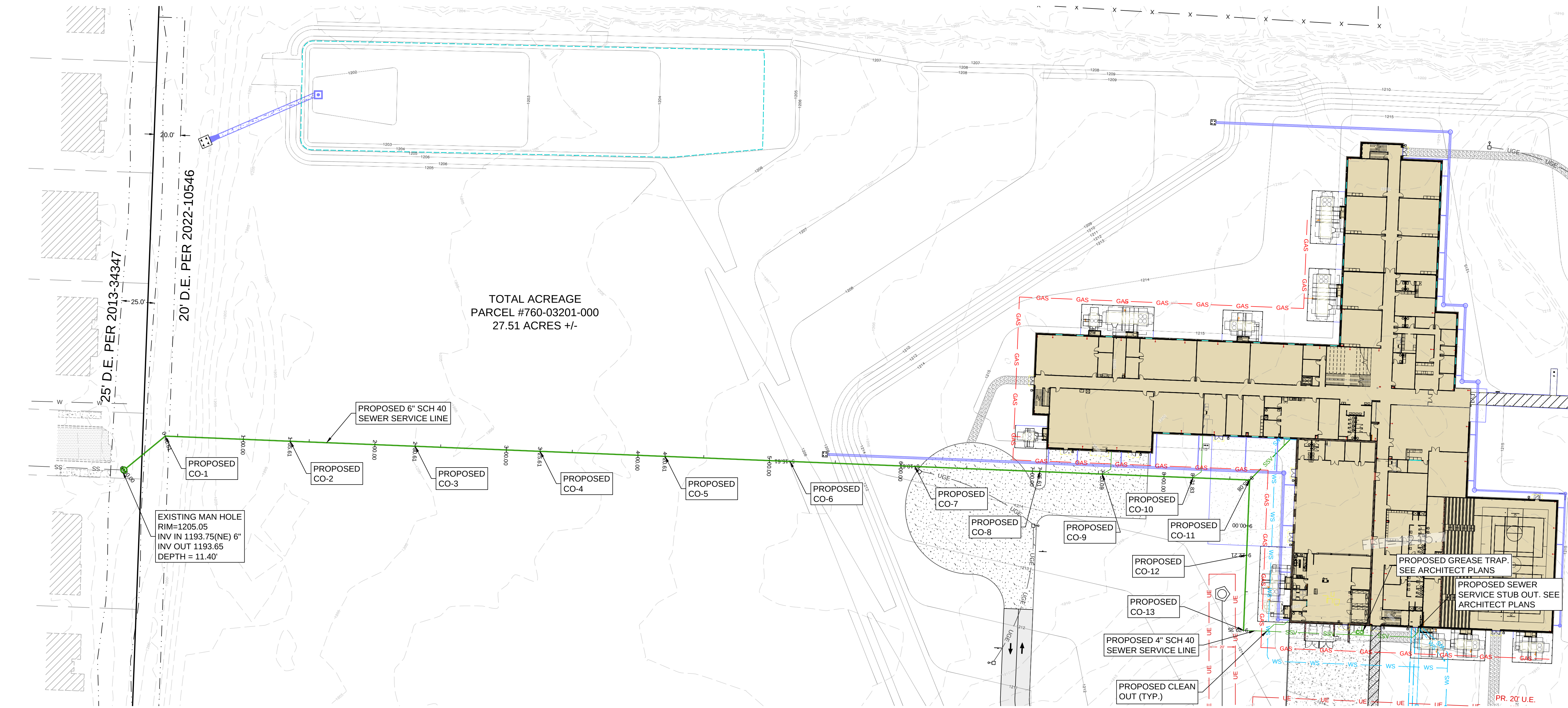
**FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
UTILITY PLAN (SEWER)
FARMINGTON, ARKANSAS**



BATES
Engineers • Surveyors
77230 S Pleasant Ridge Dr / Fayetteville, AR 72704
PH: (479) 442-9350 / batesnwa.com

PROJECT NO. 25-195

DRAWING NO. UT02

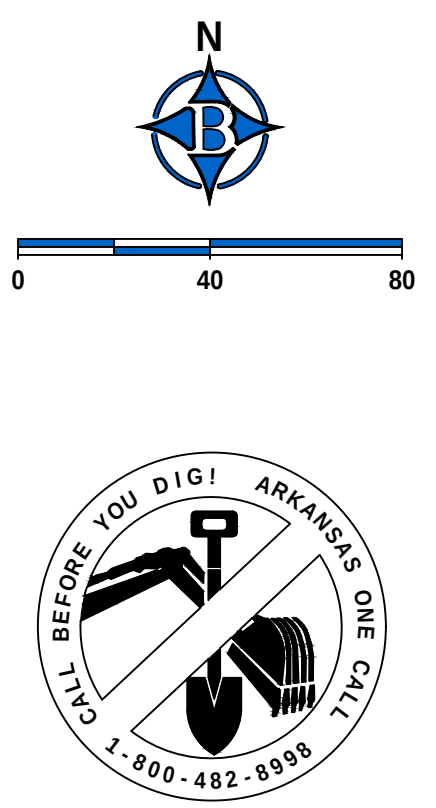


- GENERAL UTILITY NOTES:
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CITY NOTE:
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SEWER LEGEND

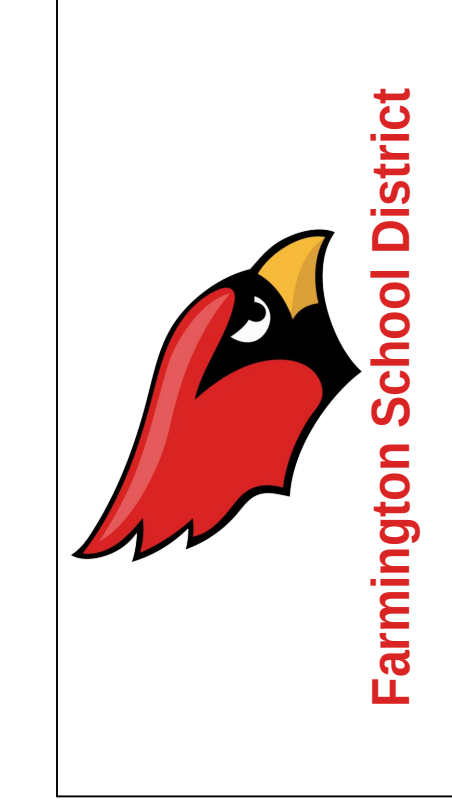
- PROPOSED GROUND
- EXISTING GROUND
- CLASS 7 BASE COMPACTED 95%
- 1"=4' VERTICAL
- 1"=40' HORIZONTAL



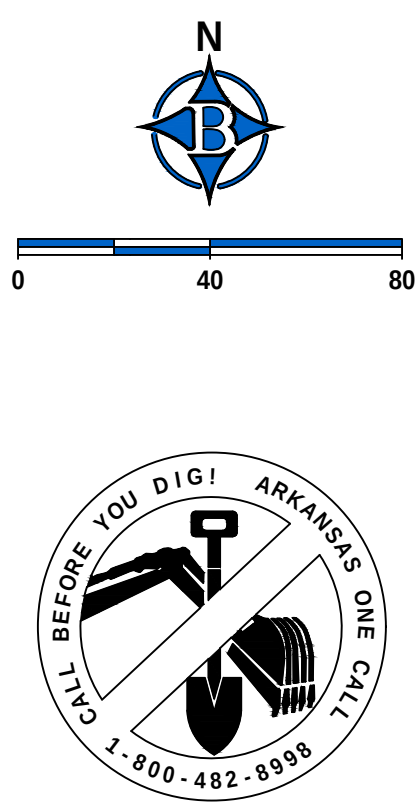
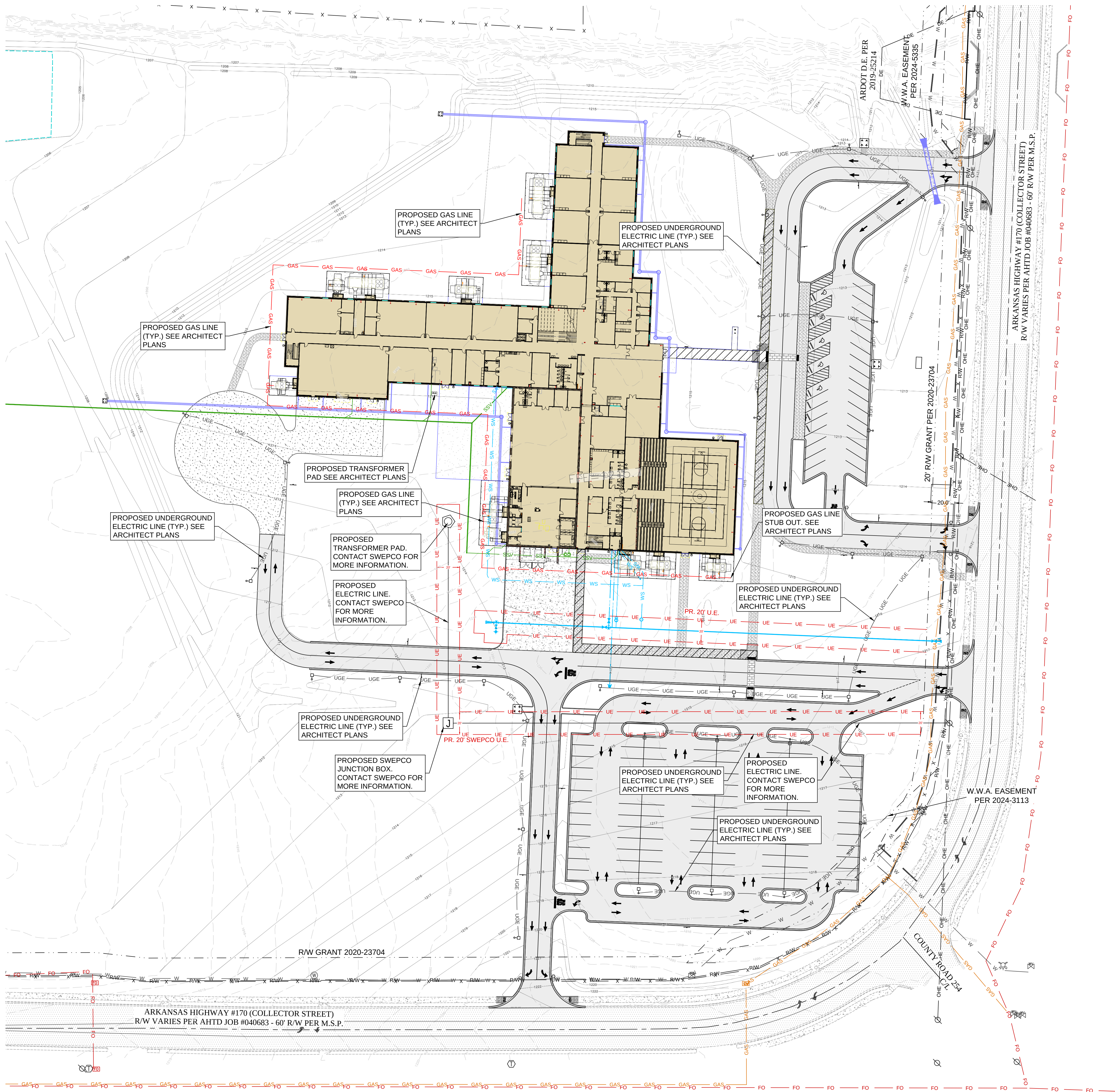
ENGINEER: G. BATES
REGISTERED PROFESSIONAL ENGINEER
No. 9810
08-05-2026
NOT FOR CONSTRUCTION

DATE	06/22/26
REVISIONS	50% Check set
1st Submittal	06/23/26
2nd Submittal	08/05/26

FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
UTILITY PROFILE (SEWER)
FARMINGTON, ARKANSAS



BATES
Engineers - Surveyors
7230 S Pleasant Ridge Dr / Fayetteville, AR 72704
PH: (479) 442-9350 / batesma.com



- GENERAL UTILITY NOTES:
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- CITY NOTE:
ALL WORK WITHIN THE CITY OF FARMINGTON RIGHT OF WAY SHALL COMPLY WITH THE CITY OF FARMINGTON STANDARDS AND WILL REQUIRE INSPECTION BY THE CITY OF FARMINGTON.

ENGINEER: G. BATES
DRAWN BY: K. HANEY

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
GEOFFREY H. BATES

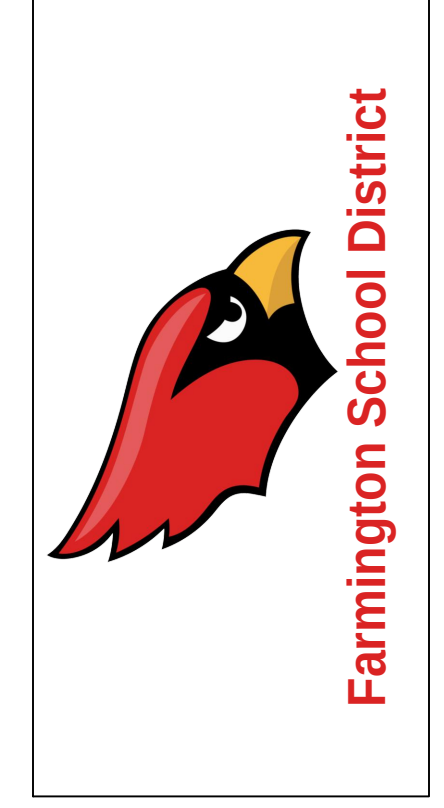
08-05-2026

INSTITUTE OF AUTHORITY
BATES & ASSOCIATES, INC.
#1335
MANAGE ENGINEER

NOT FOR CONSTRUCTION

DATE	REVISIONS
06/22/26	
06/23/26	
06/23/26	
08/05/26	

FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
UTILITY PLAN (ELECTRIC & GAS)
FARMINGTON, ARKANSAS



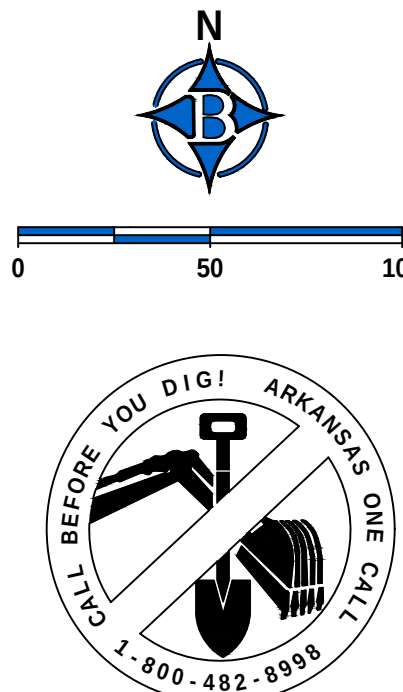
BATES
Engineers - Surveyors
7230 S Pleasant Ridge Dr / Fayetteville, AR 72704
PH: (479) 442-9350 / batesnwa.com

CONSTRUCTION NOTES:

1. GRADING PERMIT TO BE POSTED ON-SITE AT ALL TIMES DURING CONSTRUCTION.
2. CITY OF FARMINGTON STAMPED PLANS MUST BE ON-SITE AT ALL TIMES DURING CONSTRUCTION.
3. ALL AREAS UNDER BUILDINGS AND PAVED AREAS SHALL BE STRIPPED OF TOPSOIL. THE RESULTING SUB GRADE SHALL BE THOROUGHLY COMPACTED. ANY SOFT OR YIELDING AREAS SHALL BE STABILIZED OR REMOVED AND REPLACED WITH SUITABLE MATERIAL.
4. FILL MATERIAL SHALL BE APPROVED BY THE ENGINEER. ALL FILL SHALL BE MADE IN LIFTS NOT EXCEEDING 8" THICKNESS WITH EACH LIFT COMPACTED TO 95% STANDARD PROCTOR DENSITY. FILL SLOPES SHALL NOT BE STEEPER THAN 3:1 SLOPE.
5. ALL GRADED AREAS SHALL HAVE 4" OF TOPSOIL, SOD, EROSION FABRIC, HERBACEOUS GROUND COVER, AND/OR HYDROSEEDING WITH A WARM SEASON GRASS. REVEGETATION SHALL BE IMMEDIATELY AFTER THE PHYSICAL ALTERATION OF THE LAND IS COMPLETE (MAXIMUM OF 15 DAYS).
6. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY GRADING REGULATIONS. SILT FENCES, BERMS, DETENTION PONDS, OR OTHER MEANS NEEDED TO MEET THE CITY GRADING REQUIREMENTS SHALL BE PROVIDED AS REQUIRED TO MEET THESE REGULATIONS.
7. ALL HEAVILY TRAVELED DIRT AREAS SHALL BE WETTED TO PREVENT EXCESSIVE DUST, DURING CONSTRUCTION.
8. ALL MUD/DIRT LEFT ON PUBLIC STREETS OR ADJACENT PROPERTIES AS A RESULT OF THIS CONSTRUCTION SHALL BE SHOVELED OR SWEEPED AWAY UNTIL IT IS COMPLETELY REMOVED BY THE CONTRACTOR.
9. THE SLOPE FROM 1 FOOT BEYOND THE SIDEWALK SHOULD BE 2% TO BACK OF CURB - ADJUST AS NECESSARY TO MEET AHTD DRIVEWAY DETAIL.
10. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE LATEST CITY OF FARMINGTON STANDARDS AND SPECIFICATIONS.
11. APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES WHEN FIELD CONDITIONS WARRANT OFF SITE GRADING. PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS.
12. ANY CONSTRUCTION WITHIN CITY OR STATE RIGHT-OF-WAY WILL REQUIRE A RIGHT-OF-WAY ENCROACHMENT AGREEMENT WITH THE CITY OF ARDOT BEFORE CONSTRUCTION. THIS INCLUDES SUCH WORK AS SIDEWALKS, IRRIGATION SYSTEMS, ASPHALT OVERLAYS, ETC.
13. CONTRACTOR IS RESPONSIBLE FOR ENSURING PROPOSED GRADES AND OTHER IMPROVEMENTS ARE CONSTRUCTED IN ACCORDANCE WITH ADA STANDARDS CRITERIA.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT THE WORK AND VERIFYING ALL MEASUREMENTS AND GRADES AND REPORTING ANY DISCREPANCIES TO THE ENGINEER BEFORE STARTING CONSTRUCTION.
15. THE GRADE IN THE GRASS AND LANDSCAPED AREAS SHALL COME TO THE TOP OF THE PAVEMENT UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
16. CONTRACTOR SHALL CONFIRM ALL EXISTING SLOPES FOR ACCESSIBLE ROUTES AS WELL AS THE ACCESSIBLE PARKING STALLS AND ACCESSIBLE AISLES WITH A SLOPE METER TO CONFIRM MAXIMUM SLOPES ARE NOT EXCEEDED.
17. CONTRACTOR IS REQUIRED TO PROVIDE AS-BUILT SPOT ELEVATIONS ALONG THE ACCESSIBLE ROUTES SHOWN ON THIS PLAN EVERY 10' IN ORDER TO CONFIRM MAXIMUM (2%) CROSS-SLOPE AND MAXIMUM (5%) SLOPES IN THE DIRECTION OF TRAVEL. IN ADDITION, SPOT ELEVATIONS ARE REQUIRED ON ALL CORNERS AND MIDPOINTS OF ACCESSIBLE PARKING STALLS AND ACCESSIBLE AISLES TO CONFIRM MAXIMUM 2% SLOPES ARE NOT EXCEEDED IN ALL DIRECTIONS. THIS INFORMATION SHALL BE PROVIDED A MINIMUM OF 4 WEEKS BEFORE BUILDING TURNOVER.
18. AT ADJOINING MATERIALS THERE IS TO BE A SMOOTH AND LEVEL TRANSITION OF NO MORE THAN 1/4" VERTICAL CHANGE.
19. CONTRACTOR TO CHECK EXISTING SPOT GRADES AT AREAS OF NEW AND ADJACENT EXISTING SIDEWALK AND/OR PAVING PRIOR TO BEGINNING OF CONSTRUCTION TO VERIFY THAT COMPLIANCE WITH SLOPE LIMITS CAN BE MET.
20. SEE MEP DRAWINGS FOR UTILITY LOCATIONS AND REQUIREMENTS.
21. AS-BUILT CERTIFICATION REQUIRED PRIOR TO ISSUANCE OF FINAL CO.

REVEGETATION NOTES:

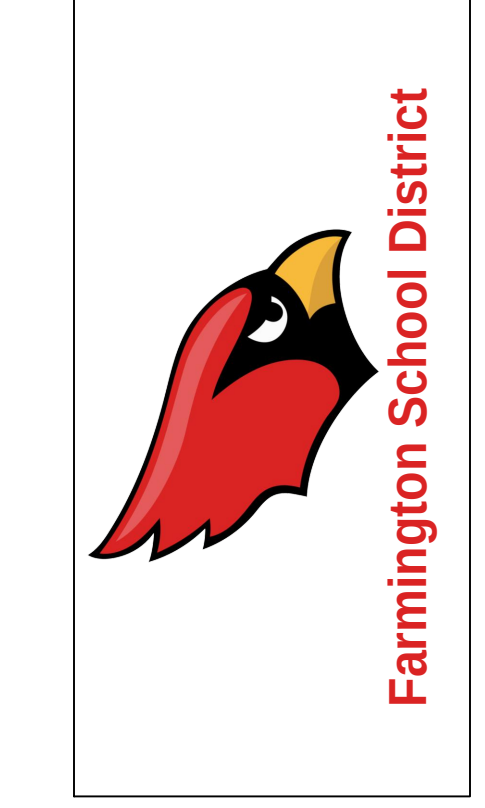
1. PERMANENT IMPROVEMENTS: PERMANENT IMPROVEMENTS SUCH AS STREETS, STORM SEWERS, CURB AND GUTTERS, AND OTHER FEATURES FOR CONTROL OF RUNOFF SHALL BE SCHEDULED COINCIDENTAL TO REMOVING VEGETATIVE COVER FROM THE AREA SO THAT LARGE AREAS ARE NOT LEFT EXPOSED BEYOND THE CAPACITY OF TEMPORARY CONTROL MEASURES.
2. PHASED CONSTRUCTION: THE AREA OF DISTURBANCE ONSITE AT ANY ONE TIME SHALL BE LIMITED TO 20 ACRES. AN ADDITIONAL 20 ACRES (A MAXIMUM OF 40 ACRES OF DISTURBANCE AT ANY ONE TIME) MAY BE STRIPPED WITH THE PERMISSION OF THE CITY ENGINEER IN ORDER TO BALANCE CUT AND FILL ONSITE. NO ADDITIONAL AREA MAY BE OPEN WITHOUT THE PERMISSION OF THE CITY ENGINEER UNTIL THE PREVIOUSLY DISTURBED AREAS HAVE BEEN TEMPORARILY OR PERMANENTLY STABILIZED.
3. STOCKPILING OF TOP SOIL: TOP SOIL MAY BE STOCKPILED AND PROTECTED FOR LATER USE ON AREAS REQUIRING LANDSCAPING. ALL STORAGE PILES OF SOIL, DIRT OR OTHER BUILDING MATERIALS (E.G. SAND) SHALL BE LOCATED MORE THAN 25 FEET FROM A ROADWAY, DRAINAGE CHANNEL OR STREAM (FROM TOP OF BANK), WETLAND, AND STORMWATER FACILITY. THE CITY ENGINEER MAY ALSO REQUIRE TOP SOIL STOCKPILES TO BE LOCATED UP TO FIFTY (50) FEET FROM A DRAINAGE CHANNEL OR STREAM, AS MEASURED FROM THE TOP OF THE BANK TO THE STOCKPILE. FOR ESTABLISHED TMDL WATER BODIES; STREAMS LISTED ON THE STATE 303(D) LIST; AN EXTRAORDINARY RESOURCE WATER, ECOLOGICALLY SENSITIVE WATERBODY, AND/OR NATURAL AND SCENIC WATERBODY, AS DEFINED BY ARKANSAS POLLUTION CONTROL AND ECOLOGY COMMISSION REGULATION NO. 2 AND/OR ANY OTHER USES AT THE DISCRETION OF THE CITY ENGINEER.
4. TOPSOIL PILES SURFACES MUST BE IMMEDIATELY STABILIZED WITH APPROPRIATE STABILIZATION MEASURES. STABILIZATION PRACTICES MAY INCLUDE: TEMPORARY SEEDING (I.E. ANNUAL RYE OR OTHER SUITABLE GRASS), MULCHING, AND OTHER APPROPRIATE MEASURES. SEDIMENT CONTROL MEASURES SUCH AS BUFFER STRIPS, WATTLES, OR SILT FENCE SHALL BE PROVIDED IMMEDIATELY FOR STOCKPILES AND REMAIN IN PLACE UNTIL OTHER STABILIZATION IS IN PLACE. STORM DRAIN INLETS MUST BE PROTECTED FROM POTENTIAL SEDIMENTATION FROM STORAGE PILES BY SILT FENCE OR OTHER APPROPRIATE BARRIERS. PROPERLY STABILIZED TOPSOIL STOCKPILES MAY BE USED FOR SEDIMENTATION CONTROL.
5. PLANTWATER: PLANT MATERIALS SHALL BE WATERED OR IRRIGATED AND TENDED. WHERE IRRIGATION OR REGULAR WATERING IS NOT AVAILABLE, ONLY NATIVE OR ACCLIMATED PLANT SPECIES SHALL BE USED. IF THE SOIL CANNOT PROPERLY SUSTAIN VEGETATION, IT MUST BE APPROPRIATELY AMENDED. IF THE VEGETATION IS NOT FIRMLY ESTABLISHED AND HEALTHY AFTER ONE YEAR, THE URBAN FORESTER SHALL REQUIRE THAT IT BE REDONE IN PART OR TOTAL.
6. PERMANENT EROSION CONTROL: THE DEVELOPER SHALL INCORPORATE PERMANENT EROSION CONTROL FEATURES AT THE EARLIEST PRACTICAL TIME. TEMPORARY EROSION CONTROL MEASURES WILL BE USED TO CORRECT CONDITIONS THAT DEVELOP DURING CONSTRUCTION THAT WERE UNFORESEEN DURING THE DESIGN STAGE, THAT ARE NEEDED PRIOR TO INSTALLATION OF PERMANENT EROSION CONTROL FEATURES, OR THAT ARE NEEDED TEMPORARILY TO CONTROL EROSION THAT DEVELOPS DURING NORMAL CONSTRUCTION PROJECTS, BUT ARE NOT ASSOCIATED WITH PERMANENT CONTROL FEATURES ON THE PROJECT.
7. ANY LAND CLEARING, CONSTRUCTION, OR DEVELOPMENT INVOLVING THE MOVEMENT OF EACH SHALL BE IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND THAT PROPERLY TRAINED AND CERTIFIED PERSONNEL WILL BE ON SITE ON ALL DAYS WHEN CONSTRUCTION OR GRADING ACTIVITY TAKES PLACE TO ASSURE THE PLAN IS PROPERLY IMPLEMENTED AND MAINTAINED.



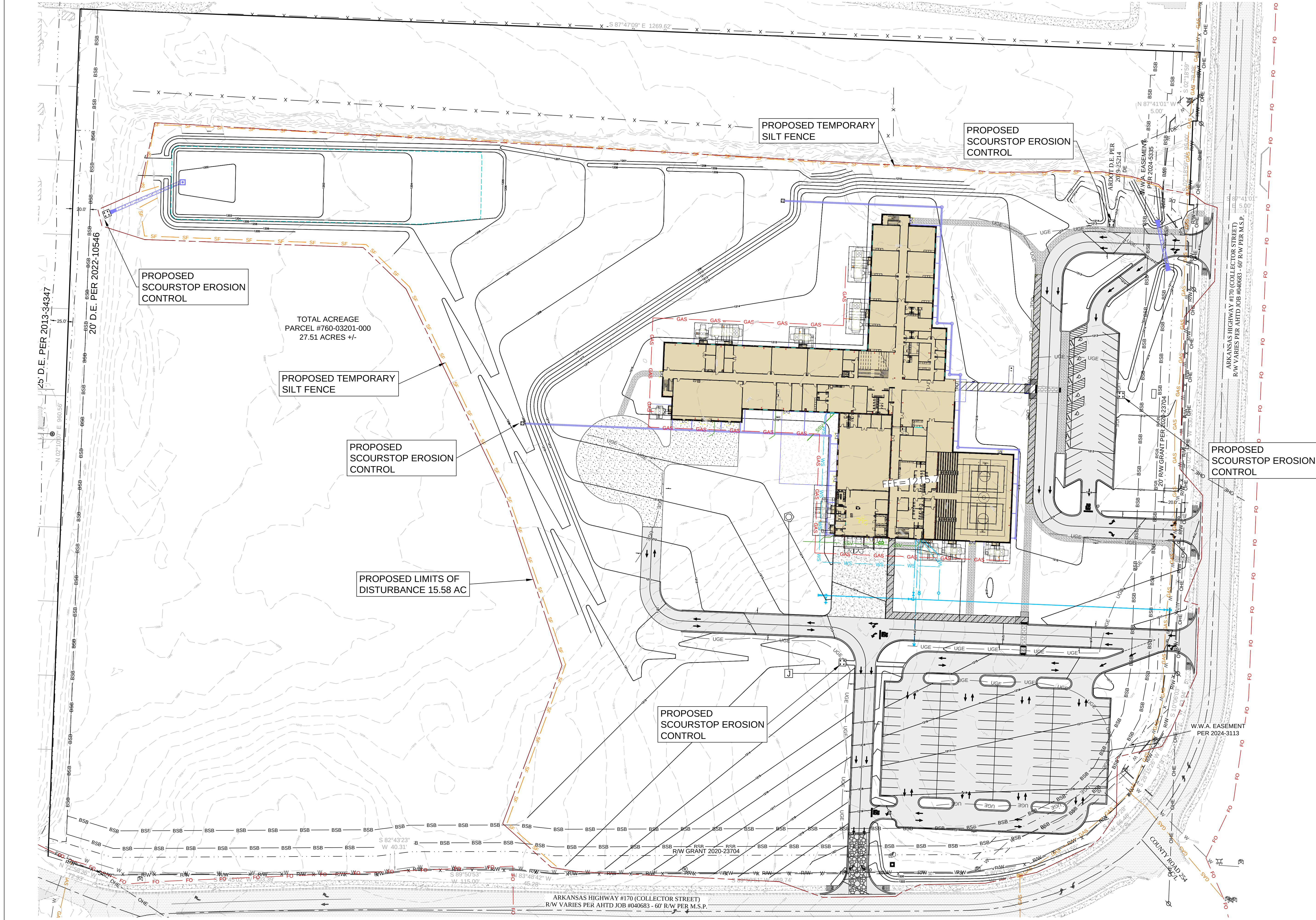
ENGINEER: G. BATES
DRAWN BY: K. HANEY
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
08-05-2026
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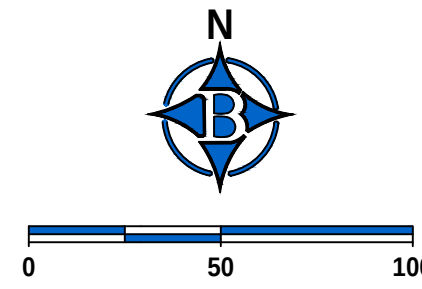
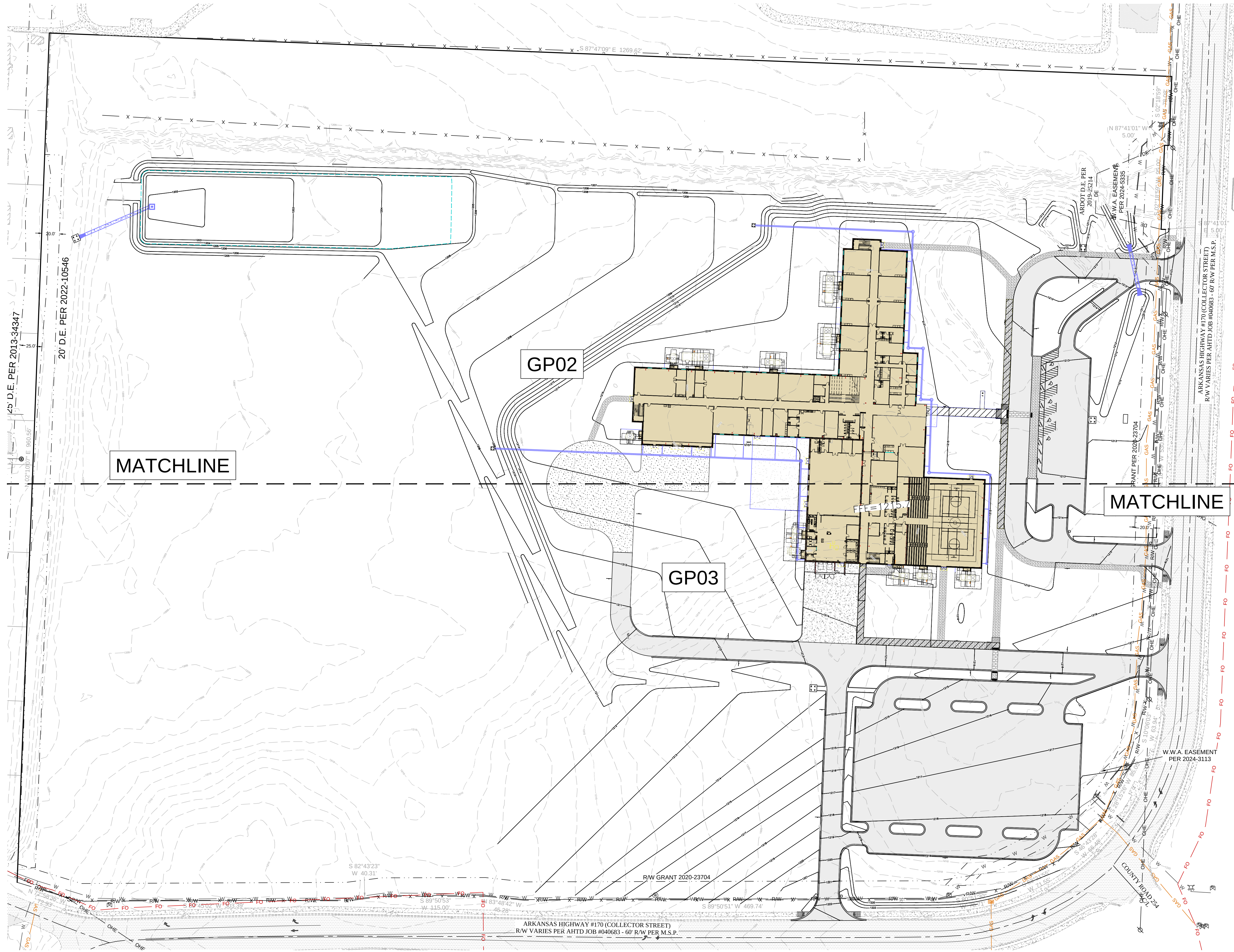
DATE	REVISIONS
06/22/26	50% Check set
06/23/26	1st Submittal
08/05/26	2nd Submittal

FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
EROSION CONTROL PLAN
FARMINGTON, ARKANSAS



BATES
Engineers - Surveyors
7230 S Pleasant Ridge Dr / Fayetteville, AR 72704
PH: (479) 442-9350 / batesnwa.com





ENGINEER: G. BATES
DRAWN BY: K. HANEY
NOT FOR CONSTRUCTION

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
Geoffrey H. Bates

08-05-2026

INSTITUTION OF AUTHORITY
BATES & ASSOCIATES, INC.
#1335
REGISTERED PROFESSIONAL ENGINEER

DATE	REVISIONS
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06/23/26	1st Submittal
08/05/26	2nd Submittal

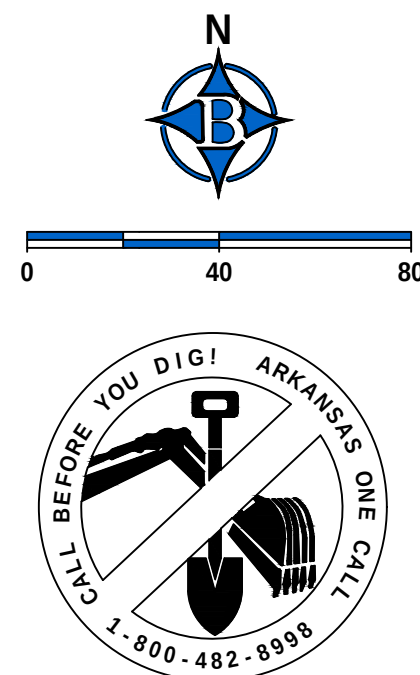
FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
GRADING PLAN (OVERALL)
FARMINGTON, ARKANSAS



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7230 S Pleasant Ridge Dr / Fayetteville, AR 72704
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2. GRADING PERMIT TO BE POSTED ON-SITE AT ALL TIMES DURING CONSTRUCTION.
3. CITY OF FARMINGTON STAMPED PLANS MUST BE ON-SITE AT ALL TIMES DURING CONSTRUCTION.
3. ALL AREAS UNDER BUILDINGS AND PAVED AREAS SHALL BE STRIPPED OF TOPSOIL. THE RESULTING SUB GRADE SHALL BE THOROUGHLY COMPACTED. ANY SOFT OR YIELDING AREAS SHALL BE STABILIZED OR REMOVED AND REPLACED WITH SUITABLE MATERIAL.
4. FILL SHALL BE APPROVED BY THE ENGINEER. ALL FILL SHALL BE TAKEN IN LIFTS NOT EXCEEDING 8" THICKNESS WITH EACH LIFT COMPACTED TO 95% STANDARD PROCTOR DENSITY. FILL SLOPES SHALL NOT BE STEEPER THAN 3:1 SLOPE.
4. ALL GRADED AREAS SHALL HAVE 4" OF TOPSOIL, SOD, EROSION FABRIC, HERBACEOUS GROUND COVER, AND/OR HYDROSEED WITH A WARM SEASON GRASS. REVEGETATION SHALL BE IMMEDIATELY AFTER THE PHYSICAL ALTERATION OF THE LAND IS COMPLETE (MAXIMUM OF 15 DAYS).
6. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY GRADING REGULATIONS. SILT FENCES, BERMS, DETENTION PONDS, OR OTHER MEANS NEEDED TO MEET THE CITY GRADING REQUIREMENTS SHALL BE PROVIDED AS REQUIRED TO MEET THESE REGULATIONS.
7. ALL HEAVILY TRAVELED DIRT AREAS SHALL BE WETTED TO PREVENT EXCESSIVE DUST, DURING CONSTRUCTION.
8. ALL MUD/DIRT LEFT ON PUBLIC STREETS OR ADJACENT PROPERTIES AS A RESULT OF THIS CONSTRUCTION SHALL BE SHOVELED OR SWEEP AWAY UNTIL IT IS COMPLETELY REMOVED BY THE CONTRACTOR.
9. TO THE BACK OF CURB, ADJUST THE SIDEWALK ABOUT 1/2" TO 1" TO MEET THE CITY GRADING REQUIREMENTS. ADJUST AS NECESSARY TO MEET AHTD DRIVEWAY DETAIL.
10. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE LATEST CITY OF FARMINGTON STANDARDS AND SPECIFICATIONS.
11. APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES WHEN FIELD CONDITIONS WARRANT OFF SITE GRADING. PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS.
12. ANY CONSTRUCTION WITHIN CITY OR STATE RIGHT-OF-WAY WILL REQUIRE A RIGHT-OF-WAY ENCROACHMENT AGREEMENT WITH THE CITY OF ARDOT BEFORE CONSTRUCTION. THIS INCLUDES SUCH WORK AS SIDEWALKS, IRRIGATION SYSTEMS, ASPHALT OVERLAYS, ETC.
13. CONTRACTOR IS RESPONSIBLE FOR ENSURING PROPOSED GRADES AND OTHER IMPROVEMENTS ARE CONSTRUCTED IN ACCORDANCE WITH ADA STANDARDS CRITERIA.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT THE WORK AND VERIFYING ALL MEASUREMENTS AND GRADES AND REPORTING ANY DISCREPANCIES TO THE ENGINEER BEFORE STARTING CONSTRUCTION.
15. THE GRADE IN THE GRASS AND LANDSCAPED AREAS SHALL COME TO THE TOP OF THE PAVEMENT UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
16. CONTRACTOR SHALL CONFIRM ALL EXISTING SLOPES FOR ACCESSIBLE ROUTES AS WELL AS THE ACCESSIBLE PARKING STALLS AND ACCESSIBLE AISLES WITH A SLOPE METER TO CONFIRM MAXIMUM SLOPES ARE NOT EXCEEDED.
17. CONTRACTOR IS REQUIRE TO PROVIDE AS-BUILT SPOT ELEVATIONS ALONG THE ACCESSIBLE ROUTES SHOWN ON THIS PLAN EVERY 10' IN ORDER TO CONFIRM MAXIMUM (2%) CROSS-SLOPE AND MAXIMUM (5%) SLOPES IN THE DIRECTION OF TRAVEL. IN ADDITION, SPOT ELEVATIONS ARE REQUIRED ON ALL CORNERS AND MIDPOINTS OF ACCESSIBLE PARKING STALLS AND ACCESSIBLE AISLES TO CONFIRM MAXIMUM 2% SLOPES ARE NOT EXCEEDED IN ALL DIRECTIONS. THIS INFORMATION SHALL BE PROVIDED A MINIMUM OF 4 WEEKS BEFORE BUILDING TURNOVER.
18. AT ADJOINING MATERIALS THERE IS TO BE A SMOOTH AND LEVEL TRANSITION OF NO MORE THAN 1/4" VERTICAL CHANGE.
19. CONTRACTOR TO CHECK EXISTING SPOT GRADES AT AREAS OF NEW AND ADJACENT EXISTING SIDEWALK AND/OR PAVING PRIOR TO BEGINNING OF CONSTRUCTION TO VERIFY THAT COMPLIANCE WITH SLOPE LIMITS CAN BE MET.
20. SEE MEP DRAWINGS FOR UTILITY LOCATIONS AND REQUIREMENTS.
21. AS-BUILT CERTIFICATION REQUIRED PRIOR TO ISSUANCE OF FINAL CO.
22. WHEN MODIFYING OR ADDING CULVERTS TO EXISTING MANHOLES, JUNCTION BOXES OR DROP INLETS WITHIN ARDOT'S RIGHT-OF-WAY, CONCRETE WALLS SHALL BE CAREFULLY SAWED ALONG NEAT LINES TO PRESERVE THE INTEGRITY OF THE REMAINING PORTION OF THE STRUCTURE. ANY DAMAGE TO THE REMAINING STRUCTURE SHALL BE REPAIRED AS DIRECTED BY ARDOT. THE WALLS AND OTHER PORTIONS OF THE EXISTING STRUCTURE REMOVED SHALL BE RECONSTRUCTED IN ACCORDANCE WITH ARDOT STANDARDS AND THE EDGES AROUND THE CIRCUMFERENCE OF ADDED PIPES SHALL BE SEALED USING APPROVED NON-SHRINK GROUT.

1. THE STREET DEPARTMENT SHALL BE NOTIFIED 24 HOURS PRIOR TO PLACEMENT OF ANY FILL MATERIAL. INSTALLATION OF STORM DRAINAGE PIPE OR DRAINAGE STRUCTURES, CONCRETE CURB & GUTTER, PLACEMENT OF CRUSHED STONE OR ASPHALT WITHIN CITY RIGHT OF WAY. THE SUB-GRADE SHALL BE APPROVED BY THE FARMINGTON STREET DEPARTMENT (WITHIN CITY RIGHT OF WAY) PRIOR TO PLACEMENT OF CURB & GUTTER OR CRUSHED STONE.
2. EARTHWORK EQUIPMENT SHALL INCLUDE AN APPROPRIATE SIZE VIBRATORY SHEETS FOOT COMPACTOR, WATER TRUCK AND MOTOR PATROL.
3. ALL FILL MATERIAL PLACED WITHIN THE LIMITS OF THE STREET (1' BEYOND THE BACK OF CURB EACH SIDE) SHALL BE PLACED IN LIFT THICKNESS NOT TO EXCEED 6". EACH LIFT SHALL BE COMPACTED WITH A SHEEPS FOOT ROLLER (COMPACTION WITH TRACK EQUIPMENT OR OTHER EQUIPMENT NOT SPECIFICALLY DESIGNED FOR EARTHWORK COMPACTION IS NOT ALLOWED) TO 95% MODIFIED PROCTOR DENSITY. FILL MATERIAL SHALL BE APPROVED BY THE FARMINGTON STREET DEPARTMENT PRIOR TO USE IN STREET FILLS (NO TOP SOIL OR ORGANIC MATERIAL SHALL BE INCLUDED IN THE FILL MATERIAL). THE MOISTURE CONTENT OF THE FILL MATERIAL SHALL BE +3% OR -1% OF THE OPTIMUM. ALL EARTHWORK SHALL CONFORM TO THE REQUIREMENTS OF SECTIONS 210 AND 212 OF THE ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
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5. ALL STORM DRAINAGE PIPE SHALL BE RCP CLASS III UNLESS SPECIFICALLY APPROVED OTHERWISE.
6. CRUSHED STONE BASE COURSE SHALL CONFORM TO THE REQUIREMENTS FOR CLASS 7 AGGREGATE BASE COURSE AS DESCRIBED IN SECTION 303-AGGREGATE BASE COURSE OF THE ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. THE CRUSHED STONE BASE COURSE GRADATION SHALL CONFORM TO THIS SPECIFICATION AFTER IT HAS BEEN PLACED AND COMPACTED. SAMPLES OF THE IN-PLACE MATERIAL MAY BE OBTAINED AND TESTED BY THE OWNER TO ASSURE COMPLIANCE. MATERIAL NOT CONFORMING TO THE SPECIFICATIONS SHALL BE REMOVED AND REPLACED. IN ADDITION, THE CRUSHED STONE BASE COURSE MATERIAL SHALL CONFORM TO CITY SPECIFICATIONS.
7. ALL MUD AND LOOSE GRAVEL SHALL BE REMOVED FROM THE CRUSHED STONE BASE AND THE CURB & GUTTER PRIOR TO THE PLACEMENT OF ASPHALT.
8. STORM DRAINAGE PIPES, DITCHES AND DRAINAGE STRUCTURES MUST BE FREE OF SEDIMENTS, TRASH, DEBRIS AND PONDING WATER PRIOR TO FINAL APPROVAL OF THE STREETS.
9. PRIOR TO THE PLACEMENT OF CONCRETE FOR CURB INLETS, BOX CULVERTS OR OTHER CONCRETE STRUCTURES, THE CONTRACTOR SHALL PROVIDE 24 HOUR NOTICE OF HIS DESIRE TO PLACE CONCRETE AND REQUEST THAT THE CITY INSPECT REINFORCING STEEL AND FORMING TO VERIFY CONFORMANCE WITH THE PLANS. CONCRETE PLACED WITHOUT CITY INSPECTION TO INSPECT THE REINFORCING STEEL PLACEMENT AND CONCRETE THICKNESS WILL NOT BE ACCEPTED AND SHALL REMOVED AND RECONSTRUCTED WITH APPROPRIATE CITY APPROVAL.
10. THE CONTRACTOR SHALL NOT COMMENCE ON THIS PROJECT UNTIL A STORMWATER POLLUTION PREVENTION PLAN HAS BEEN PROPERLY IMPLEMENTED AND THE REQUIREMENTS OF ADEO HAVE BEEN MET.
11. THE CONTRACTOR SHALL PROVIDE APPROPRIATE ADVANCED WARNING DEVICES, BARRICADES, BARRELS AND OTHER MEASURES AS NEEDED TO PROPERLY CONTROL AND ADVISE TRAFFIC OF CONSTRUCTION EQUIPMENT THAT MAY BE ON OR ADJACENT TO THE PUBLIC STREETS.
12. THE CONTRACTOR SHALL KEEP THE ADJACENT PUBLIC STREETS CLEAN AND FREE OF SEDIMENT, GRAVEL AND OTHER DEBRIS.
13. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE PUBLIC STREETS AND INFRASTRUCTURE THAT THE CONSTRUCTION ACTIVITY OR HAULING OF MATERIAL MAY CAUSE.



ENGINEER: G. BATES

STATE OF ARKANSAS

REGISTERED
PROFESSIONAL
ENGINEER

No. 9810
GEOFFREY H. BATES

08-05-2026

CERTIFICATE OF AUTHORIZATION
BATES & ASSOCIATES, INC.
#335
ARCHITECTS/ENGINEERS

NOT FOR CONSTRUCTION

DRAWN BY: K. HANEY

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REVISIONS	DATE
50% Check set	06/22/26
1st Submittal	06/22/26
2nd Submittal	08/02/26

**FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
GRADING PLAN
FARMINGTON, ARKANSAS**

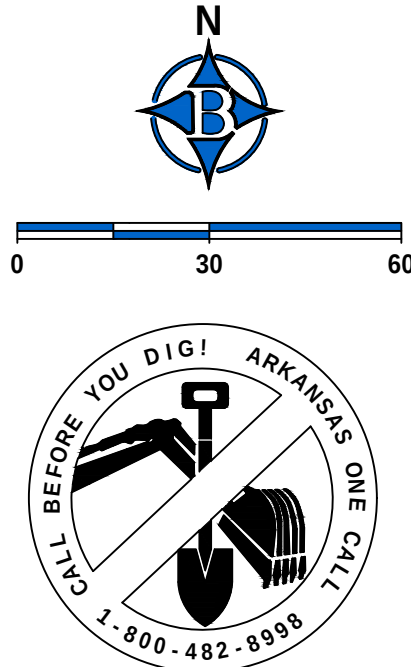
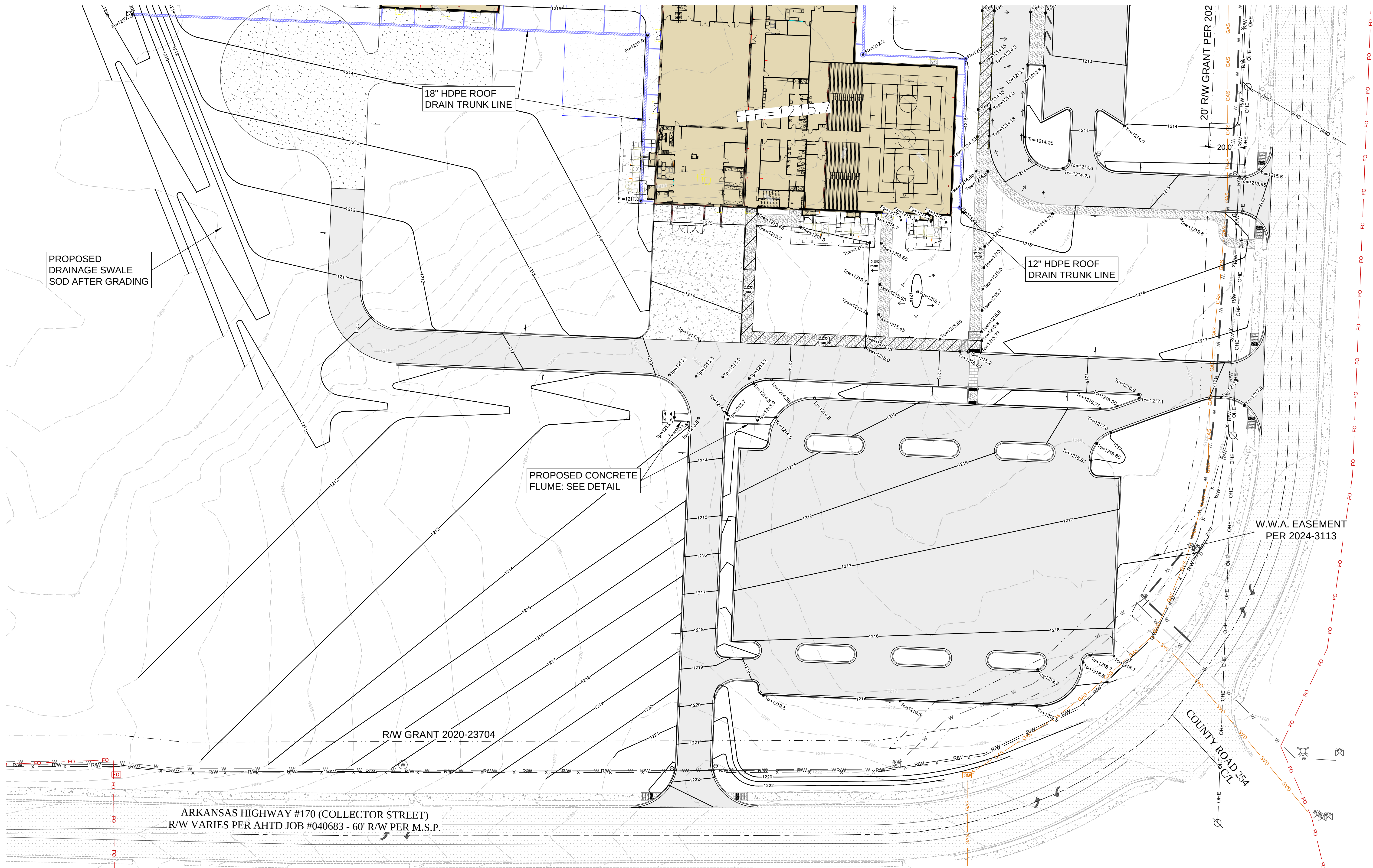


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7230 S Pleasant Ridge Dr / Fayetteville, AR 72704
PH: (479) 442-9350 / batesrwa.com

25-195
DRAWING NO.
GP02

- CONSTRUCTION NOTES:
1. GRADING PERMIT TO BE POSTED ON-SITE AT ALL TIMES DURING CONSTRUCTION.
 2. CITY OF FARMINGTON STAMPED PLANS MUST BE ON-SITE AT ALL TIMES DURING CONSTRUCTION.
 3. ALL AREAS UNDER BUILDINGS AND PAVED AREAS SHALL BE STRIPPED OF TOPSOIL. THE RESULTING SUB GRADE SHALL BE THOROUGHLY COMPACTED. ANY SOFT OR YIELDING AREAS SHALL BE STABILIZED OR REMOVED AND REPLACED WITH SUITABLE MATERIAL.
 4. FILL MATERIAL SHALL BE APPROVED BY THE ENGINEER. ALL FILL SHALL BE MADE IN LIFTS NOT EXCEEDING 8" THICKNESS WITH EACH LIFT COMPACTED TO 95% STANDARD PROCTOR DENSITY. FILL SLOPES SHALL NOT BE STEEPER THAN 3:1 SLOPE.
 5. ALL GRADED AREAS SHALL HAVE 4" OF TOPSOIL, SOD, EROSION FABRIC, HERBACEOUS GROUND COVER, AND/OR HYDROSEEDING WITH A WARM SEASON GRASS. REVEGETATION SHALL BE IMMEDIATELY AFTER THE PHYSICAL ALTERATION OF THE LAND IS COMPLETE (MAXIMUM OF 15 DAYS).
 6. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY GRADING REGULATIONS. SILT FENCES, BERMS, DETENTION PONDS, OR OTHER MEANS NEEDED TO MEET THE CITY GRADING REQUIREMENTS SHALL BE PROVIDED AS REQUIRED TO MEET THESE REGULATIONS.
 7. ALL HEAVILY TRAVELED DIRT AREAS SHALL BE WETTED TO PREVENT EXCESSIVE DUST, DURING CONSTRUCTION.
 8. ALL MUD/DIRT LEFT ON PUBLIC STREETS OR ADJACENT PROPERTIES AS A RESULT OF THIS CONSTRUCTION SHALL BE SHOVELED OR SWEEPED AWAY UNTIL IT IS COMPLETELY REMOVED BY THE CONTRACTOR.
 9. THE SLOPE FROM 1 FOOT BEYOND THE SIDEWALK SHOULD BE 2% TO BACK OF CURB - ADJUST AS NECESSARY TO MEET AHTD DRIVEWAY DETAIL.
 10. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE LATEST CITY OF FARMINGTON STANDARDS AND SPECIFICATIONS.
 11. APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES WHEN FIELD CONDITIONS WARRANT OFF SITE GRADING, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS.
 12. ANY CONSTRUCTION WITHIN CITY OR STATE RIGHT-OF-WAY WILL REQUIRE A RIGHT-OF-WAY ENCROACHMENT AGREEMENT WITH THE CITY OF ARDOT BEFORE CONSTRUCTION. THIS INCLUDES SUCH WORK AS SIDEWALKS, IRRIGATION SYSTEMS, ASPHALT OVERLAYS, ETC.
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 22. WHEN MODIFYING OR ADDING CULVERTS TO EXISTING MANHOLES, JUNCTION BOXES OR DROP INLETS WITHIN ARDOT'S RIGHT-OF-WAY, CONCRETE WALLS SHALL BE CAREFULLY SAWED ALONG NEAT LINES TO PRESERVE THE INTEGRITY OF THE REMAINING PORTION OF THE STRUCTURE. ANY DAMAGE TO THE REMAINING STRUCTURE SHALL BE REPAIRED AS DIRECTED BY ARDOT. THE WALLS AND OTHER PORTIONS OF THE EXISTING STRUCTURE REMOVED SHALL BE RECONSTRUCTED IN ACCORDANCE WITH ARDOT STANDARDS AND THE EDGES AROUND THE CIRCUMFERENCE OF ADDED PIPES SHALL BE SEALED USING APPROVED NON-SHRINK GROUT.

- GENERAL CONSTRUCTION REQUIREMENTS:
1. THE STREET DEPARTMENT SHALL BE NOTIFIED 24 HOURS PRIOR TO PLACEMENT OF ANY FILL MATERIAL. INSTALLATION OF STORM DRAINAGE PIPE OR DRAINAGE STRUCTURES, CONCRETE CURB & GUTTER, PLACEMENT OF CRUSHED STONE OR ASPHALT WITHIN CITY RIGHT OF WAY. THE SUB-GRADE SHALL BE APPROVED BY THE FARMINGTON STREET DEPARTMENT (WITHIN CITY RIGHT OF WAY) PRIOR TO PLACEMENT OF CURB & GUTTER OR CRUSHED STONE.
 2. EARTHWORK EQUIPMENT SHALL INCLUDE AN APPROPRIATE SIZE VIBRATORY SHEEPS FOOT COMPACTOR, WATER TRUCK AND MOTOR PATROL.
 3. ALL FILL MATERIAL PLACED WITHIN THE LIMITS OF THE STREET (1' BEYOND THE BACK OF CURB EACH SIDE) SHALL BE PLACED IN LIFT THICKNESS NOT TO EXCEED 8". EACH LIFT SHALL BE COMPACTED WITH A SHEEPS FOOT ROLLER (COMPACTION WITH TRACK EQUIPMENT OR OTHER EQUIPMENT NOT SPECIFICALLY DESIGNED FOR EARTHWORK COMPACTION IS NOT ALLOWED) TO 95% MODIFIED PROCTOR DENSITY. FILL MATERIAL SHALL BE APPROVED BY THE FARMINGTON STREET DEPARTMENT PRIOR TO USE IN STREET FILLS (NO TOP SOIL OR ORGANIC MATERIAL SHALL BE INCLUDED IN THE FILL MATERIAL). THE MOISTURE CONTENT OF THE FILL MATERIAL SHALL BE +3% OR -1% OF THE OPTIMUM. ALL EARTHWORK SHALL CONFORM TO THE REQUIREMENTS OF SECTIONS 210 AND 212 OF THE ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
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 10. CONSTRUCTION SHALL NOT COMMENCE ON THIS PROJECT UNTIL A STORMWATER POLLUTION PREVENTION PLAN HAS BEEN PROPERLY IMPLEMENTED AND THE REQUIREMENTS OF ADEQ HAVE BEEN MET.
 11. THE CONTRACTOR SHALL PROVIDE APPROPRIATE ADVANCED WARNING DEVICES, BARRICADES, BARRELS AND OTHER MEASURES AS NEEDED TO PROPERLY CONTROL AND ADVISE TRAFFIC OF CONSTRUCTION EQUIPMENT THAT MAY BE ON OR ADJACENT TO THE PUBLIC STREETS.
 12. THE CONTRACTOR SHALL KEEP THE ADJACENT PUBLIC STREETS CLEAN AND FREE OF SEDIMENT, GRAVEL AND OTHER DEBRIS.
 13. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE PUBLIC STREETS AND INFRASTRUCTURE THAT THE CONSTRUCTION ACTIVITY OR HAULING OF MATERIAL MAY CAUSE.



ENGINEER: G. BATES

DRAWN BY: K. HANEY

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
GEOFFREY H. BATES

08-05-2026

INSTITUTE OF AUTHORITY
BATES & ASSOCIATES, INC.
#335

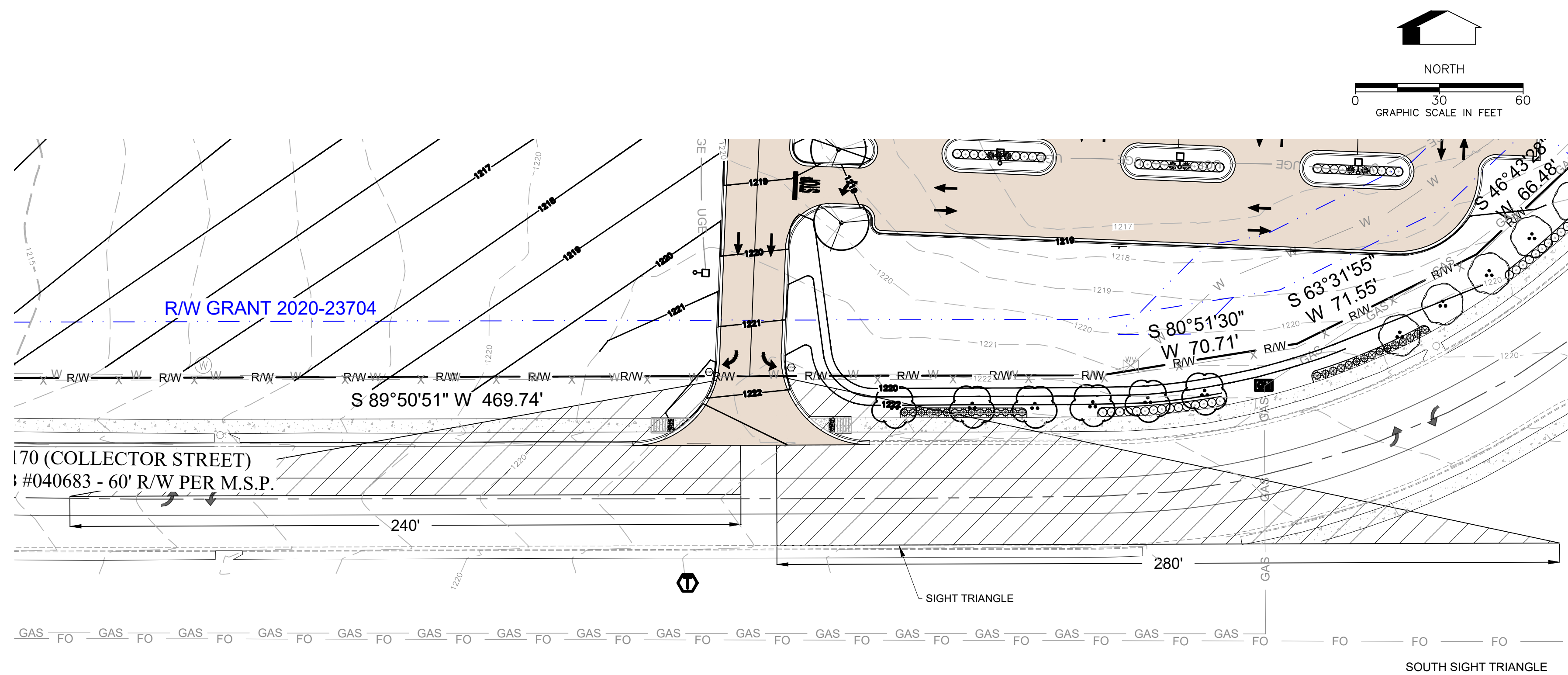
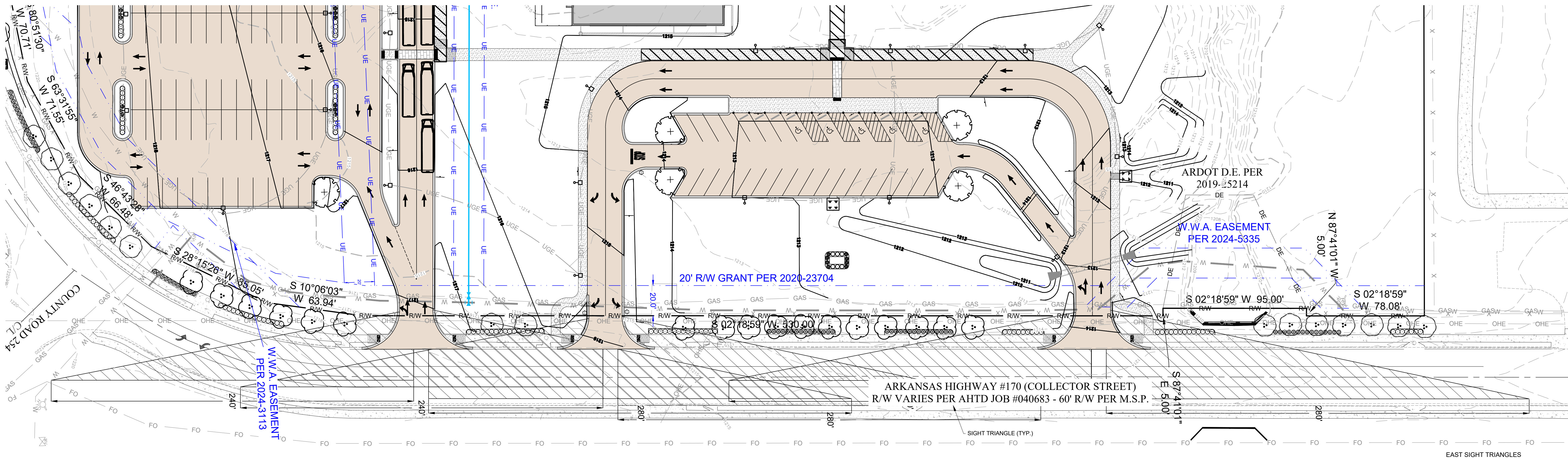
NOT FOR CONSTRUCTION

DATE	REVISIONS
06/22/26	50% Check set
06/23/26	1st Submittal
08/05/26	2nd Submittal

FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
GRADING PLAN
FARMINGTON, ARKANSAS



BATES
Engineers • Surveyors
7230 S Pleasant Ridge Dr / Fayetteville, AR 72704
PH: (479) 442-9550 / batesnwa.com



- LEGEND
- 1 FOOT EXISTING CONTOUR LINES
 - 5 FOOT EXISTING CONTOUR LINES
 - PROPOSED CONTOUR LINES
 - W WATER LINE
 - SS SANITARY SEWER LINE
 - UTILITY EASEMENT

ENGINEER: G. BATES
JAMES
BATES
5034
8/5/2026
LANDTEK STUDIOS
2503 SWEETBRIAR DR
FAYETTEVILLE, AR 72703
PH: (479) 283-9721
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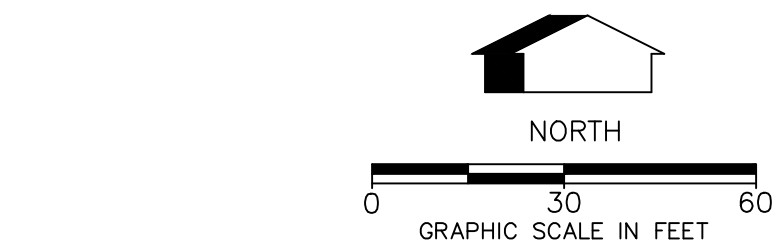
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SIGHT TRIANGLES
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LEGEND

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- SANITARY SEWER LINE
- UTILITY EASEMENT

CITY LANDSCAPE REQUIREMENTS

TOTAL SITE AREA: 1,198,437 SF (27.51 acres)

STREET FRONTAGE
HWY 170 1.157 LF
STREET TREES REQUIRED: 38 TREES (1 PER 30 LF OF FRONTAGE)
STREET TREES PROVIDED: 38 TREES*
SHRUBS REQUIRED: 192 SHRUBS (5 PER 30 LF OF FRONTAGE)
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SIDE PERIMETER BUFFER
EXISTING TREES AND SHRUBS SHALL SERVE AS SCREENING ON THE NORTHERN AND WESTERN PERIMETERS
NORTHERN PERIMETER 1269'
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FOUNDATION PLANTINGS
PLANTING BEDS ALONG 25% OF BUILDING
365' / 4 = 91' REQUIRED FRONTAGE PLANTINGS 113' PROVIDED

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1 TREE PER LANDSCAPED ISLAND
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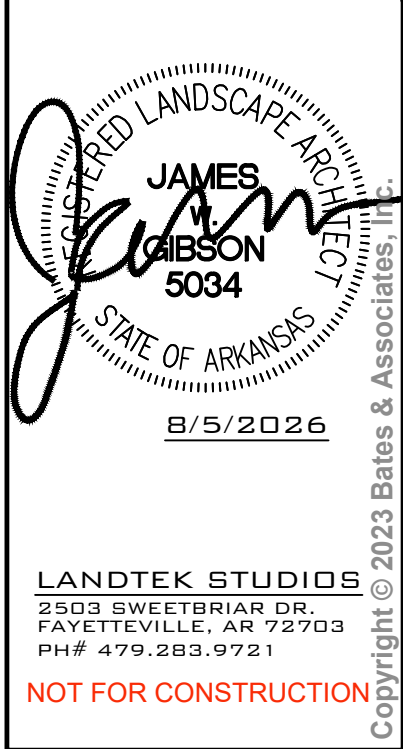
PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	CALIPER	ROOT	HEIGHT	QTY
TREES						
	QR	Quercus rubra / Red Oak	2.5" Cal.	B&B or Cont.	8' min.	5
	UV	Ulmus americana 'Valley Forge' / American Elm	2.5" Cal.	B&B or Cont.	8' min.	3
ORNAMENTAL TREES						
	CO	Cercis canadensis texensis 'Oklahoma' / Oklahoma Texas Redbud	1.5" Cal.	B&B or Cont.	6' min.	15
	PT2	Prunus cerasifera 'Thundercloud' / Thundercloud Purple-leaf Plum	1.5" Cal.	B&B or Cont.		23
SHRUBS						
	IS	Ilex vomitoria 'Schillings' / Schillings Holly	3 gal.	Cont.		161
	JB2	Juniperus Scopulorum 'Blue Arrow' / Blue Arrow Juniper	5 gal.	Cont.		4
	JC	Juniperus chinensis 'Armstrongii' / Armstrong Juniper	3 gal.	Cont.		86
	JW	Juniperus horizontalis 'Wiltonii' / Blue Rug Juniper	3 gal.	Cont.		6
	SG	Panicum virgatum 'Shenendoah' / Burgundy Switch Grass	3 gal.	Cont.		34
	TL	Thuja occidentalis 'Little Giant' / Little Giant Arborvitae	3 gal.	Cont.		24
SOD/SEED						
	CT	Cynodon dactylon 'Tif 419' / Bermuda Grass				448,712 sf

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- ALL PLANTS MUST BE HEALTHY, VIGOROUS AND FREE OF PESTS AND DISEASE.
- TANDARDS SET FORTH IN 'AMERICAN STANDARD FOR NURSERY STOCK REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
- ALL PLANTS MUST BE CONTAINER GROWN OR BALLED AND BURLAPPED AS INDICATED ON THE PLANT LIST.
- ALL REQUIRED TREES SHALL BE 2.5" MINIMUM CALIPER, WITH A SINGLE DOMINATE CENTRAL LEADER. MULTI LEADERED TREES WILL NOT BE ACCEPTABLE WITHOUT PRIOR APPROVAL FROM PLANNING DEPARTMENT.
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- ALL PROPOSED PLANTING AREAS COVERED BY GRASS SHALL HAVE THE SOD COMPLETELY REMOVED BEFORE PLANTING BEGINS.
- ALL PLANTING BEDS SHALL BE CONTAINED BY EDGING MATERIAL OTHER THAN VEGETATION.
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ENGINEER: G. BATES
DRAWN BY: JWG



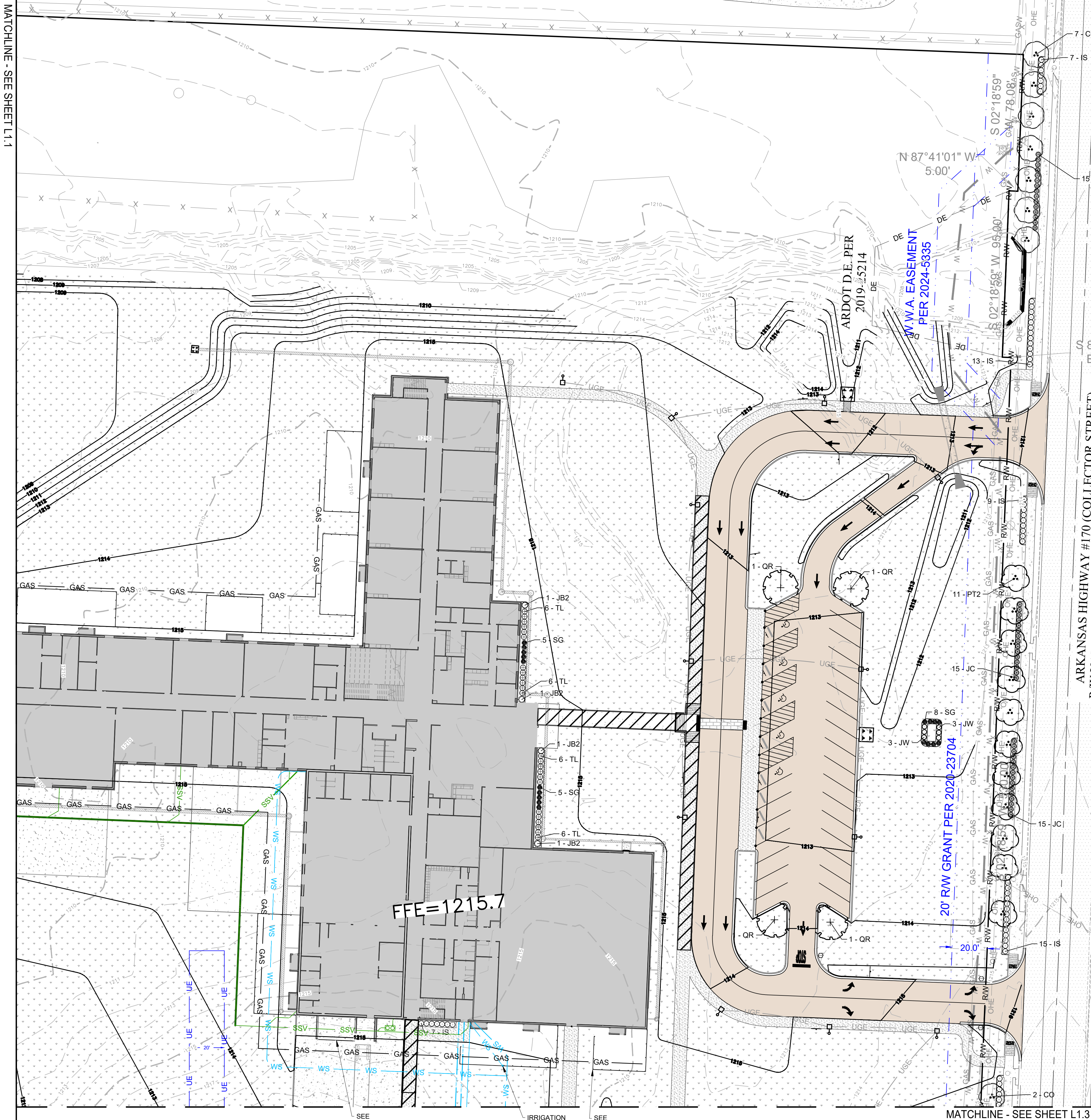
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LARGE SCALE DEVELOPMENT
LANDSCAPE PLAN
FARMINGTON, ARKANSAS

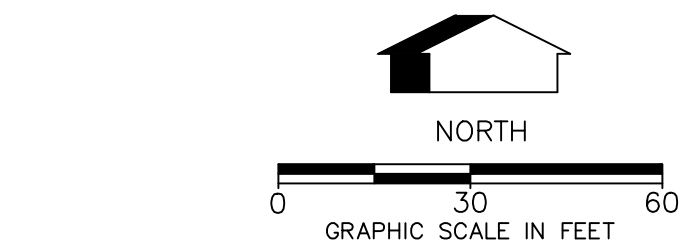


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MATCHLINE - SEE SHEET L1.1



MATCHLINE - SEE SHEET L1.3



LEGEND

- EXISTING TREES TO REMAIN
- 1 FOOT EXISTING CONTOUR LINES
- 5 FOOT EXISTING CONTOUR LINES
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	UV	Ulmus americana 'Valley Forge' / American Elm	2.5" Cal.	B&B or Cont.	8' min.	3
ORNAMENTAL TREES						
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LANDSCAPE GENRAL NOTES

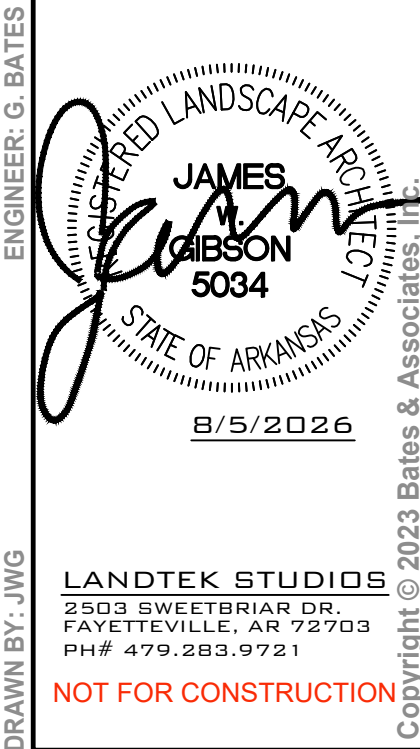
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ENGINEER: G. BATES



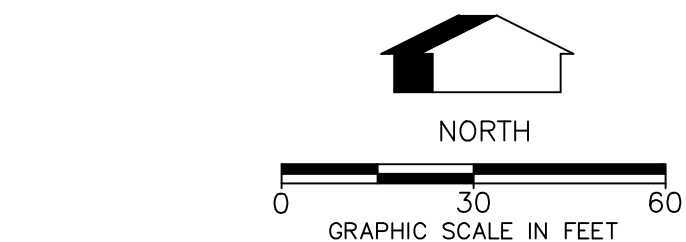
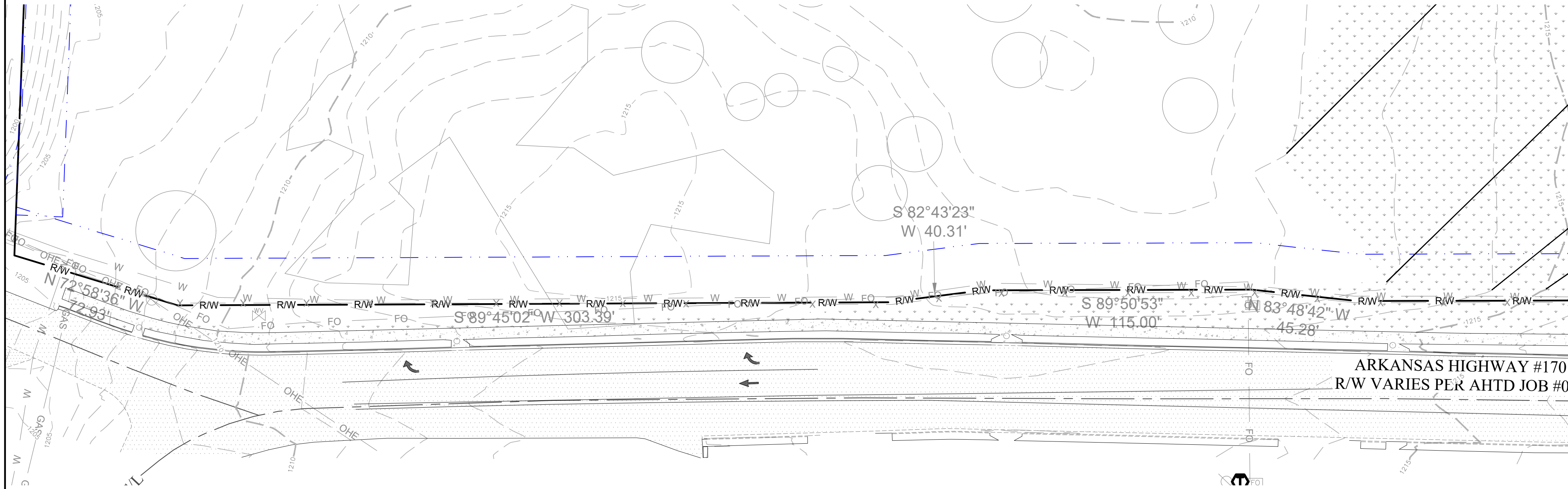
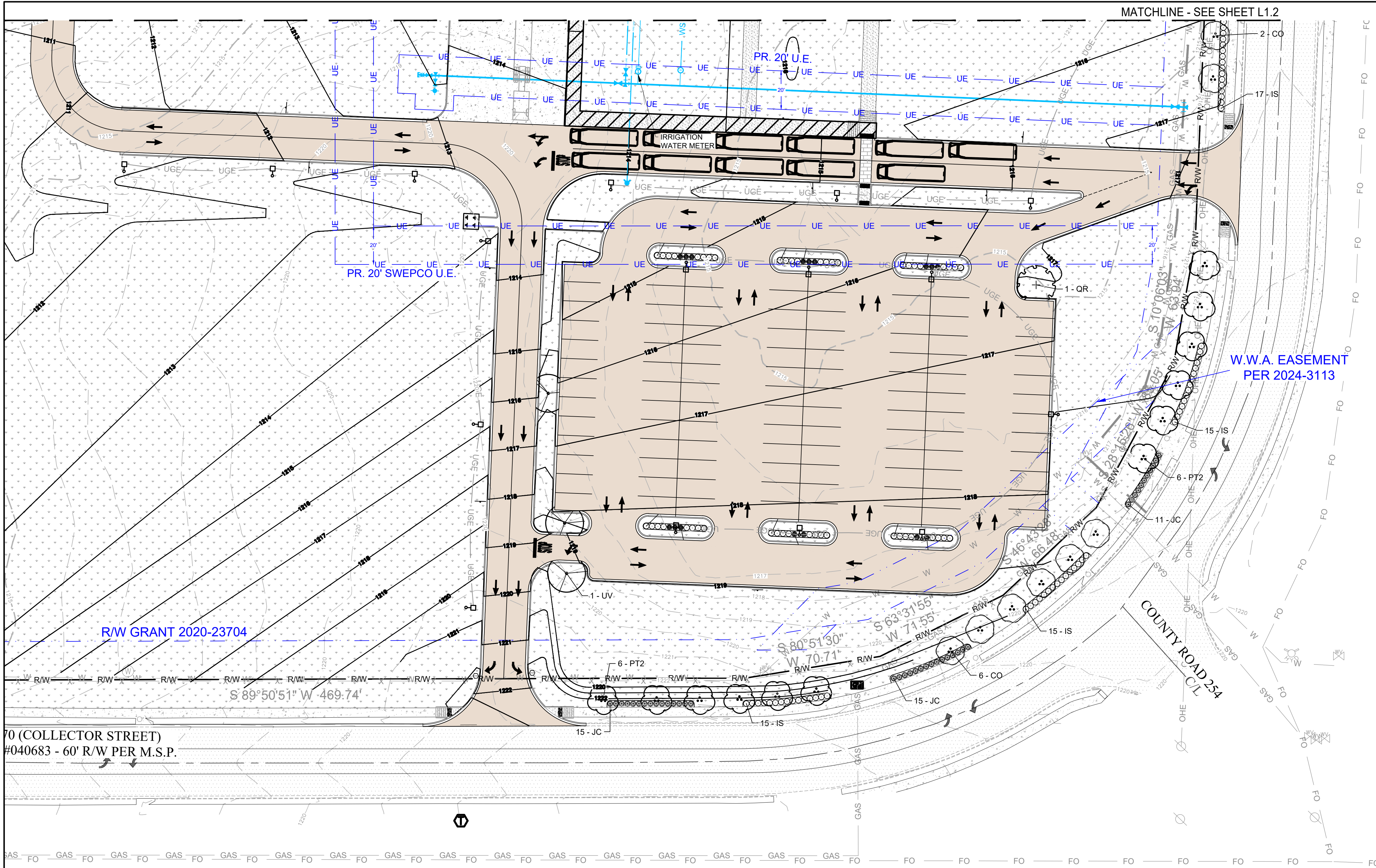
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FARMINGTON JUNIOR HIGH SCHOOL
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DRAWING NO.
L1.3



LEGEND	
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	5 FOOT EXISTING CONTOUR LINES
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 - ALL PLANT MATERIAL SHALL BE PLANTED IN ACCORDANCE WITH CITY CODE AND SURVIVAL SHALL BE WARRANTED FOR 24 MONTHS FROM DATE OF INSTALLATION. IF ANY PLANT MATERIAL FAILS TO SURVIVE DURING THE 24 MONTHS PERIOD, IT SHALL BE REPLACED WITHIN THE TIME PERIOD REQUIRED BY CITY CODE.
 - ANY PLANT MATERIAL WHICH DIES, TURNS BROWN, OR DEFOLIATES (PRIOR TO TOTAL ACCEPTANCE OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.
 - NOTIFY LANDSCAPE ARCHITECT OR DESIGNATED REPRESENTATIVE OF ANY LAYOUT DISCREPANCIES PRIOR TO ANY PLANTING. LOCATE ALL UTILITIES AND SITE LIGHTING CONDUITS BEFORE CONSTRUCTION BEGINS.
 - ALL DISTURBED SHALL BE SODDED WITH 100% BERMUDA GRASS SOD
 - IRRIGATION SHALL BE EITHER AN UNDERGROUND AUTOMATIC SYSTEM OR SHALL UTILIZE HOSE BIBS EVERY 100'.
 - MAINTENANCE: THE CURRENT OWNER OF THE PROPERTY SHALL BE RESPONSIBLE FOR THE ONGOING MAINTENANCE OF REQUIRED LANDSCAPING.
 - REPLACEMENT LANDSCAPING: REQUIRED LANDSCAPING THAT DIES OR IS DAMAGED SHALL BE REMOVED AND REPLACED BY THE CURRENT OWNER OF THE PROPERTY. THE OWNER SHALL HAVE 60 DAYS FROM THE RECEIPT OF WRITTEN NOTICE ISSUED BY THE CITY TO REMOVE AND REPLACE ANY REQUIRED LANDSCAPING THAT DIES OR IS DAMAGED.
 - IRRIGATION CONTRACTOR SHALL BE A LICENSED IRRIGATION INSTALLER AND HAVE A MINIMUM THREE (3) YEARS EXPERIENCE IN IRRIGATION SPRINKLER INSTALLATIONS SIMILAR IN SIZE.

CAUTION NOTICE TO CONTRACTORS
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL 811 AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.



ENGINEER: G. BATES
DRAWN BY: JWG
DATE: 8/5/2026
REVISIONS:
50% Check set
1st Submittal
2nd Submittal
DATE: 06/22/26
06/23/26
06/05/26

LANDTEK STUDIOS
2303 SWEETBRIAR DR.
FAYETTEVILLE, AR 72703
PH: (479) 283-9921
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**FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
LANDSCAPE PLAN
FARMINGTON, ARKANSAS**



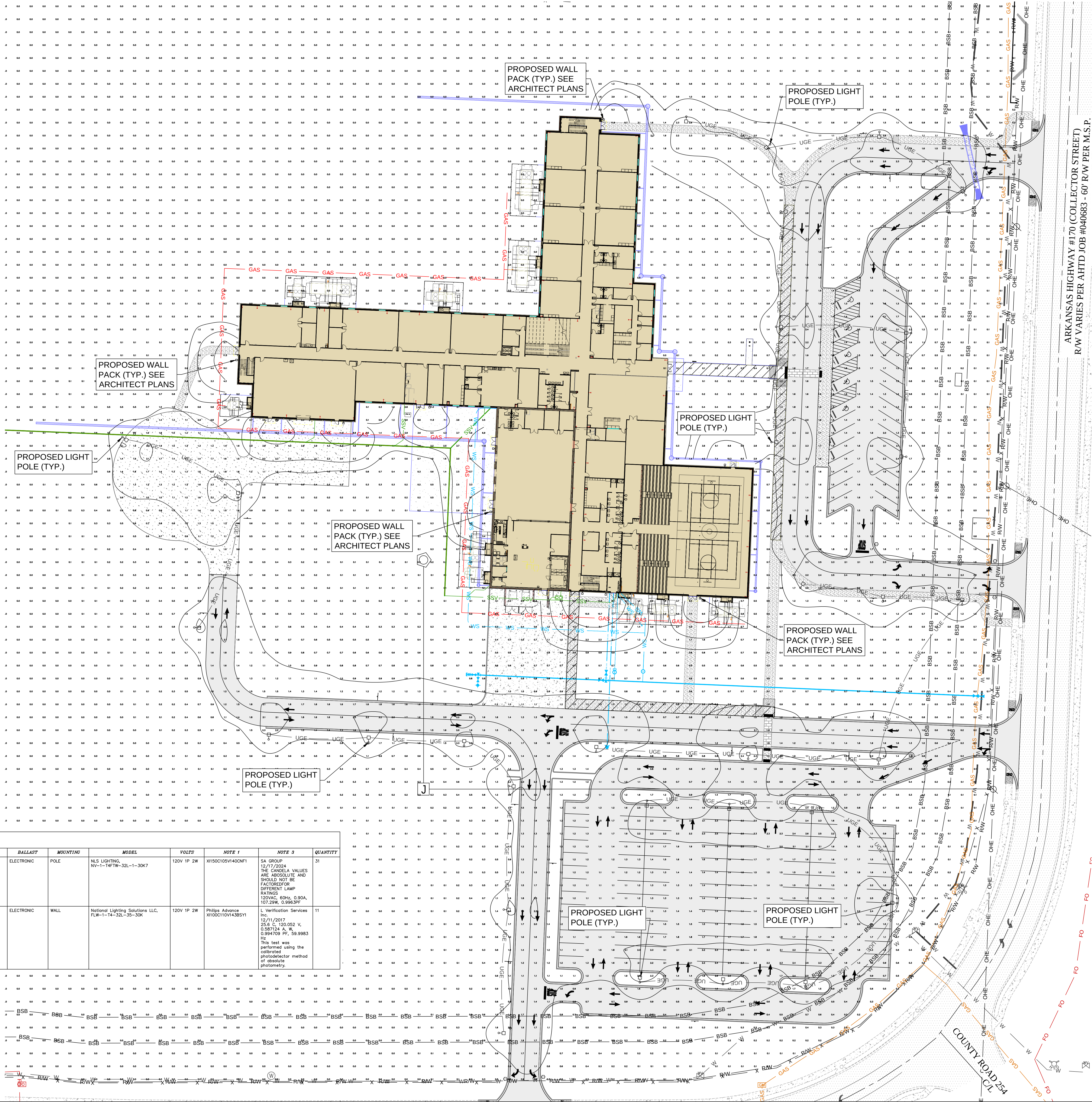
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PH: (479) 442-9350 / batesnwa.com

GENERAL
PHOTOMETRIC
SCHEDULE

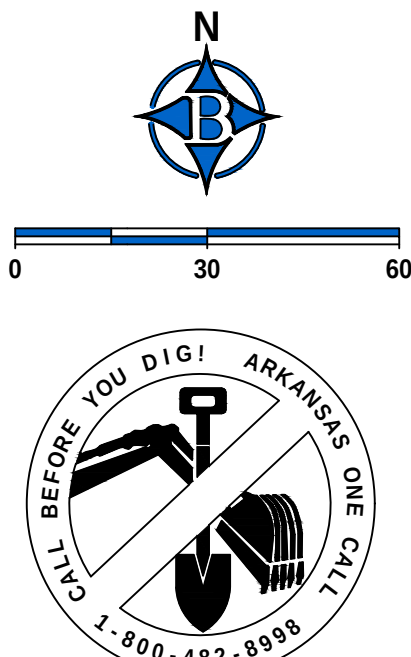
AVERAGE FOOT-CANDLES	0.53
MAXIMUM FOOT-CANDLES	14.7
MINIMUM FOOT-CANDLES	0.0
MINIMUM TO MAXIMUM FC RATIO	0.00
MAXIMUM TO MINIMUM FC RATIO	14.68 / 0.00
AVERAGE TO MINIMUM FC RATIO	0.53 / 0.00

LUMINAIRE SCHEDULE

CALLOUT	SYMBOL	LAMP	DESCRIPTION	BALLAST	MOUNTING	MODEL	VOLTS	NOTE 1	NOTE 3	QUANTITY
SP		(1)	OUTDOOR AREA LIGHT	ELECTRONIC	POLE	NLS LIGHTING, NV-1-14FTW-32L-1-30K7	120V 1P 2W	X1150C105V140CNF1	SA GROUP 12/17/2024 THE CANDLEA VALUES ARE ABSOLUTE AND SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS 120VAC, 60Hz, 0.90A, 107.29W, 0.9963PF	31
WP		(1) 8 White LEDs	White decorative metal housing with metal specular reflector and clear glass lens	ELECTRONIC	WALL	National Lighting Solutions LLC, FLN-1-14-32L-35-30K	120V 1P 2W	Philips Advance X1100C10V14385Y1	L Verification Services Inc. 12/11/2017 25.6 C, 120.052 V, 0.587124 A, W, 0.994709 PF, 59.9983 Hz. This test was performed using the calibrated photometer method of absolute photometry.	11



ARKANSAS HIGHWAY #170 (COLLECTOR STREET)
R/W VARIES PER AHTD JOB #040683 - 60' R/W PER M.S.P.



ENGINEER: G. BATES
DRAWN BY: K. HANEY
PROJECT NO. 25-195
DRAWING NO. LP01

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9810
GEOFFREY H. BATES
08-05-2026

INSTITUTE OF ARCHITECTS
BATES & ASSOCIATES, INC.
#1335
MANAGE ENGINEER
NOT FOR CONSTRUCTION

DATE	REVISIONS
06/22/26	50% Check set
06/23/26	1st Submittal
08/05/26	2nd Submittal

FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
LIGHT PLAN
FARMINGTON, ARKANSAS

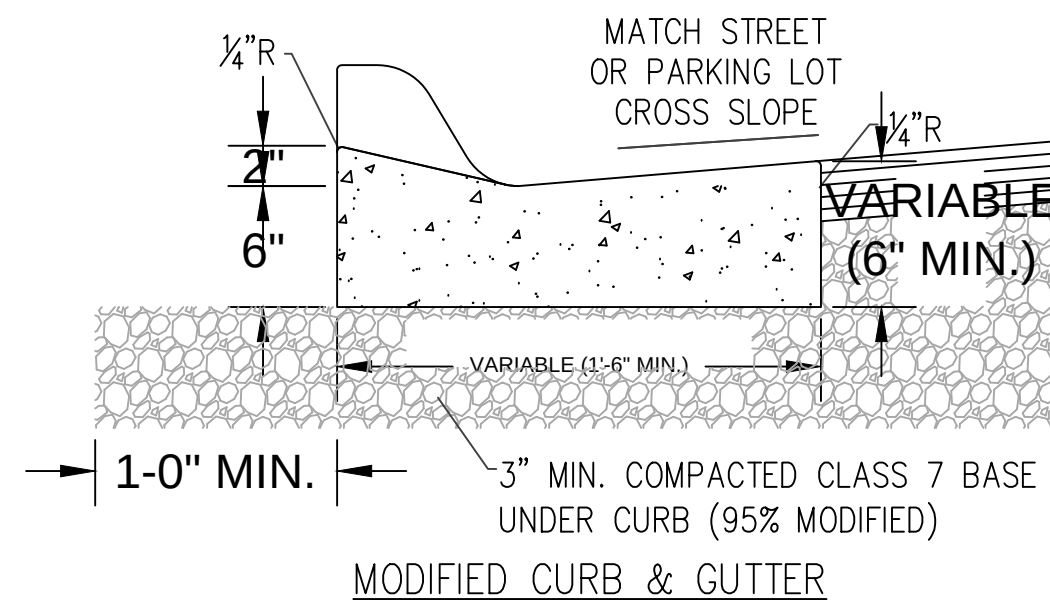


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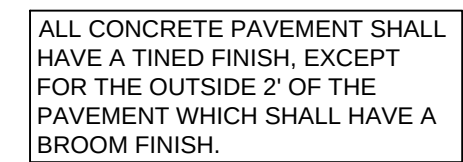
1. TYPICAL SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% MAXIMUM.
2. HANDICAP RAMPS WILL BE CONSTRUCTED ALONG WITH STREETS.
3. THE LENGTH OF THE RAMP SHALL BE SUCH THAT THE SLOPE DOES NOT EXCEED 12:1.
4. THE NORMAL GUTTER SHALL BE MAINTAINED THROUGHOUT THE AREA OF THE RAMP.
5. THE MINIMUM THICKNESS FOR THE RAMP, WALK, & LANDING SHALL BE 4".

N.T.S. AMERICANS WITH DISABILITIES ACT (4.7.7)



N.T.S.

- NOTES:**
1. CONCRETE FOR CURB AND GUTTER TO BE CLASS A, 3500 PSI, 5.5 BAG MIX WITH 4-7% AIR ENTRAINMENT.
 2. ALL CURB AND GUTTER SHALL HAVE A BROOMED FINISH UNLESS OTHERWISE SPECIFIED.
 3. MODIFIED CURB SHALL BE PLACED ACROSS ALL DRIVEWAY ENTRANCES.
 4. CURB AND GUTTER MUST HAVE CONTRACTION JOINTS SAWED EVERY 15 FEET ON CENTER, ALONG PROPOSED CURB, AND SHALL BE SAWED TO A DEPTH OF 1-1/2" WITH A WIDTH OF 1-4". MATERIAL USED TO SEAL JOINTS SHALL BE AS SPECIFIED IN SECTION 501 AHTD STANDARD SPECIFICATIONS OR AS APPROVED BY THE ENGINEER. (OMNISEAL 50 OR EQUAL)
 5. PROVIDE 1/2" PREFORMED EXPANSION JOINT MATERIAL (ASPHALT IMPREGANATED FIBERBOARD OR OTHER APPROVED MATERIAL) AT 200 FOOT INTERVALS, AND AT ALL STATIONARY STRUCTURES, (DROP INLETS, END OF CURBS, DRIVEWAYS, ETC.) OR AS DIRECTED BY ENGINEER. JOINT MATERIAL SHALL HAVE A THICKNESS OF 1/2" INCH AND CONFORM TO AASHTO M 213 STANDARDS.
 6. ALL MATERIALS AND CONSTRUCTION SHALL COMPLY WITH AHTD. IN THE CASE OF CONFLICTS, AHTD'S CRITERIA SHALL GOVERN. REFER TO AHTD STANDARD ROADWAY DRAWING DETAIL CG-1 FOR DIMENSIONS NOT SHOWN.
 7. 2-6" X 24" SMOOTH DOWEL BARS SHALL BE PLACED ACROSS ALL EXPANSION AND CONTRACTION JOINTS OR WHERE NEW CURB IS ATTACHED TO EXISTING CURB.
 8. ALL CURB AND GUTTER SHALL BE CURED WITH A CURING COMPOUND OR WITH WET BURLAP. AFTER CURB AND GUTTER IS HAS SET, THE AREA BEHIND THE CURB SHALL BE PARTIALLY BACKFILLED BEFORE THE BASE MATERIAL IS PLACED AND COMPACTED.



N.T.S.

NOTE: PAVEMENT DESIGN TO BE
VERIFIED BY GEOTECHNICAL REPORT



NOTE: PAVEMENT DESIGN TO BE
VERIFIED BY GEOTECHNICAL REPORT



1. REPLACE CONTAMINATED STONE AS REQUIRED TO PREVENT TRACKING OF SEDIMENT OR MUD ON PUBLIC STREETS.
2. CLEAN STREETS DAILY WITH BROOM AND SHOVEL. THE USE OF WATER IS PROHIBITED.
3. ALL VEHICLES MUST USE CONSTRUCTION EXIT.

FILTER FABRIC BARRIER (SILT FENCE)
N.T.S.



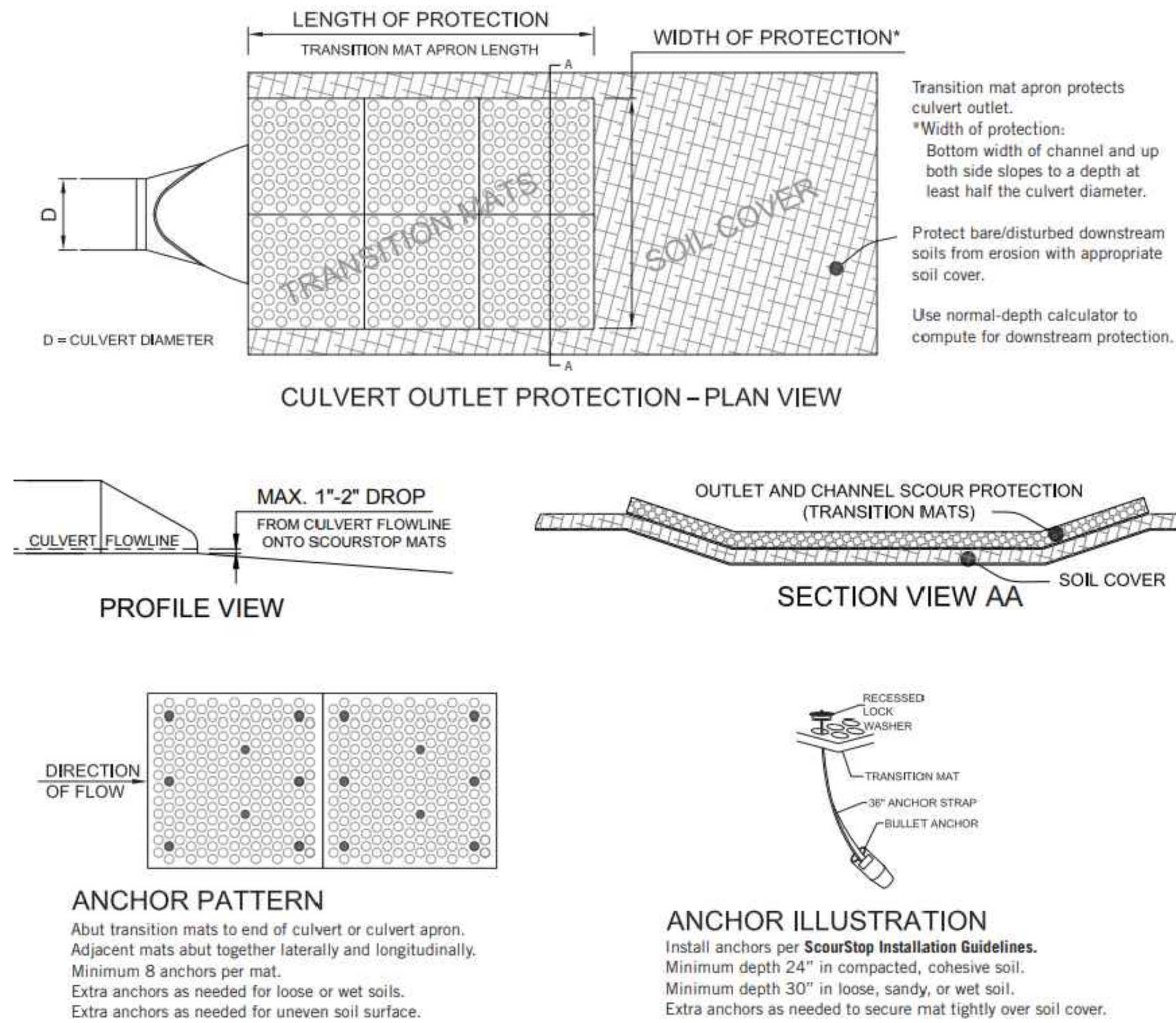
REVISIONS	DATE
50% Check set	06/22/26
1st Submittal	06/23/26
2nd Submittal	08/05/26

**FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
SITE DETAILS
FARMINGTON, ARKANSAS**

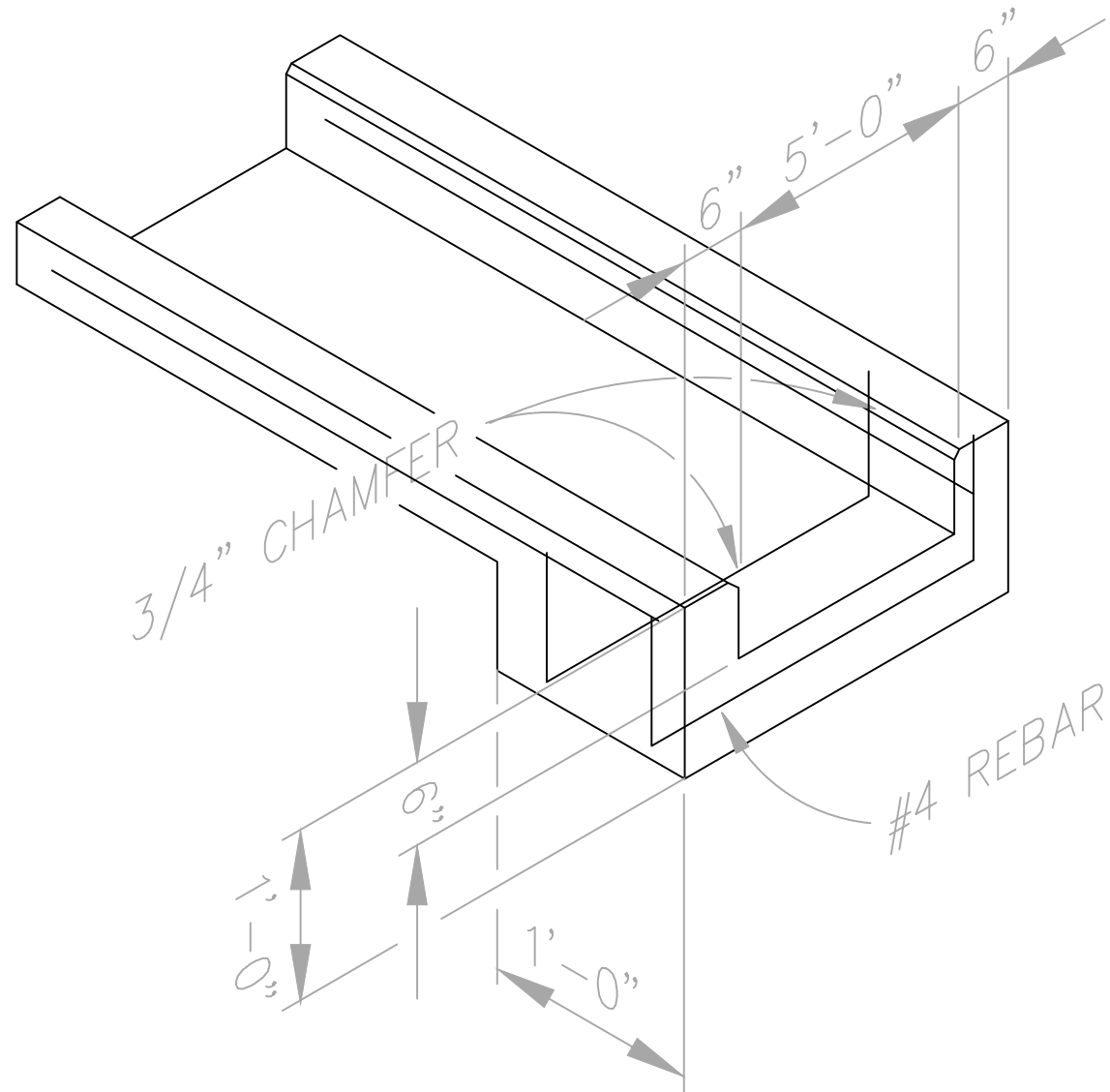


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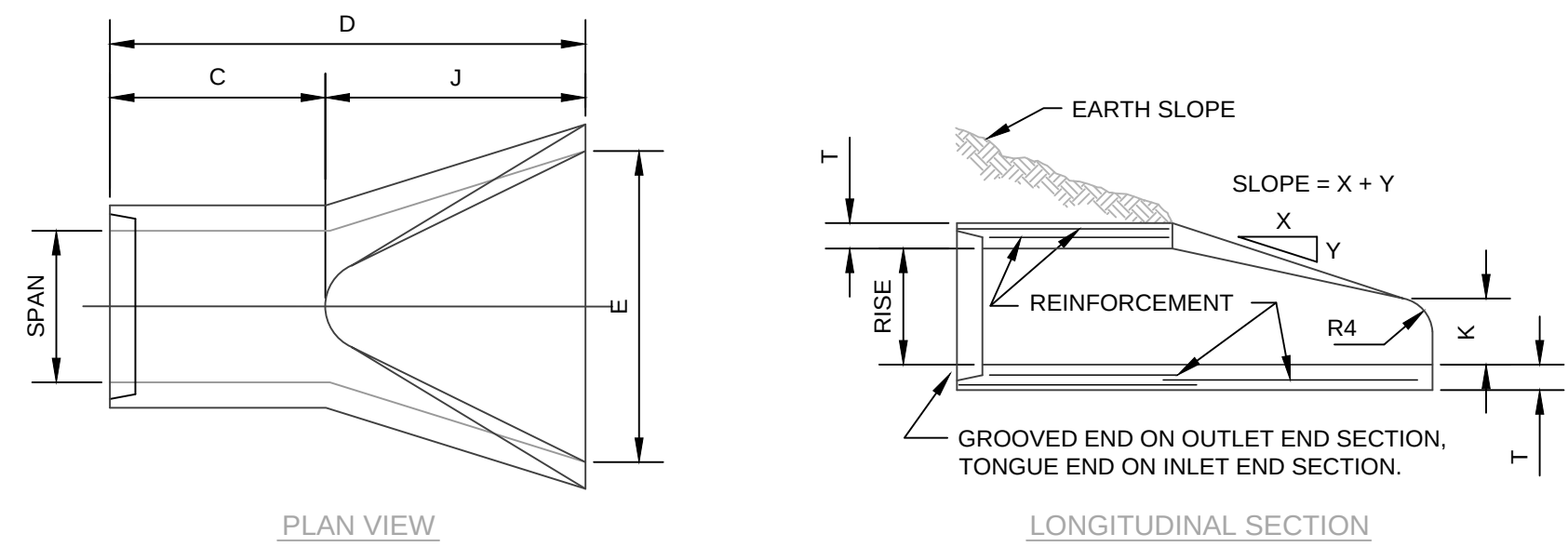
1. ScourStop mats must be installed over a soil cover: sod, seeded turf reinforcement mat (TRM), geotextile, or a combination thereof.
2. For steep slopes (>10%) or higher velocities (>10 ft/sec), sod is the recommended soil cover.
3. Follow manufacturer's **ScourStop Installation Guidelines** to ensure proper installation.
4. Install ScourStop mats at maximum 1'-2" below flowline of culvert or culvert apron. (No waterfall impacts onto ScourStop mats.)
5. Performance of protected area assumes stable downstream conditions.



SCOURSTOP EROSION CONTROL
N.T.S.



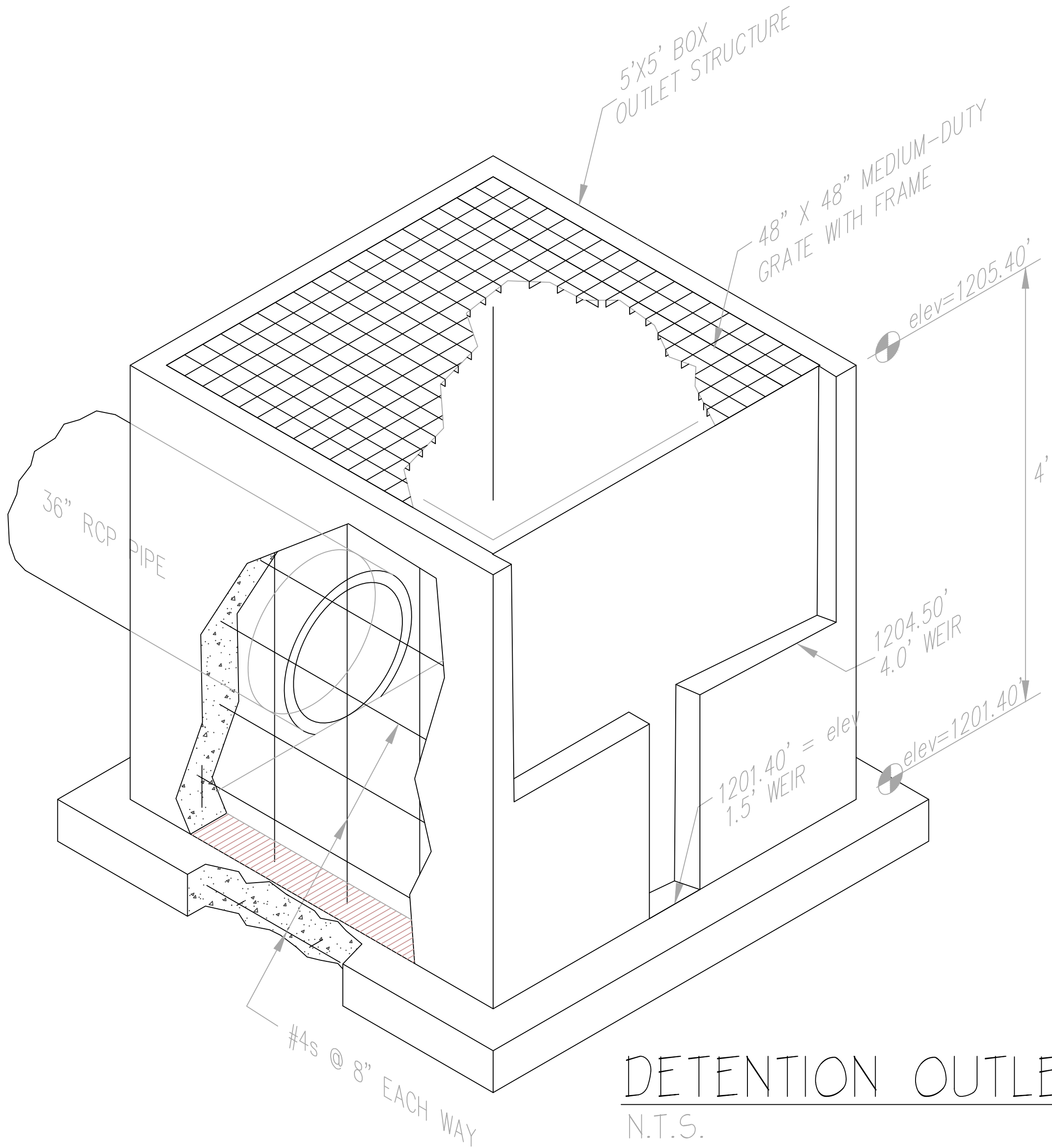
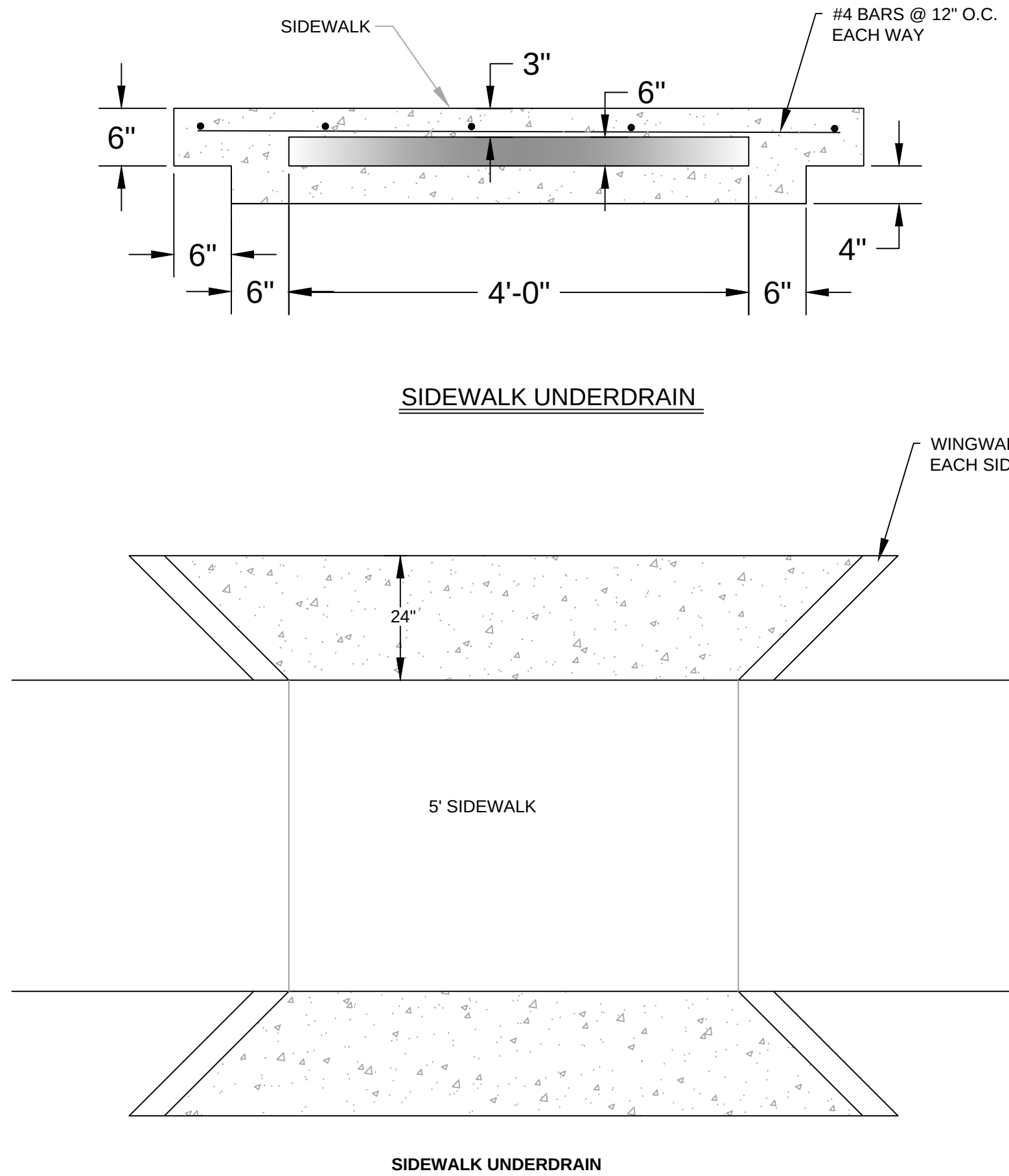
CONCRETE FLUME
N.T.S.



DIMENSIONS OF PRECAST END SECTION FOR PIPES													
SPAN	K	J	C	D	E	T	R3	R4	R5	SLOPE			
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.				
18	9	27	46	73	36	2 1/2	3	3	6	3 TO 1			
24	8 1/2	43 1/2	30	73 1/2	48	3	3	3	7	3 TO 1			
30	12	54	19 3/4	73 3/4	60	3 1/2	3	3	8	3 TO 1			
36	15	63	34 3/4	73 3/4	72	4	3	3	10 1/2	3 TO 1			
42	21	63	35	98	78	4 1/2	3	3	10 1/2	3 TO 1			
48	24	72	28	98	84	5	6	6	14	3 TO 1			

DIMENSIONS OF PRE-CAST END SECTIONS FOR ELLIPTICAL PIPES													
SPAN	RISE	R1	R2	R3	R4	R5	T	K	J	C	D	E	SLOPE
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	
23	14	6	20	3	3	2 3/4	8	27	45	72	36	3 TO 1	
30	19	8 1/4	26 1/4	3	3	7	3 1/4	8 1/2	39	33	72	48	3 TO 1
34	22	9 1/4	29 1/2	3	3	8	3 1/2	9	46	26	72	54	3 TO 1
38	24	10 1/4	32 3/4	3	3	9	3 3/4	9 1/2	54	18	72	60	3 TO 1
42	27	11 7/16	36 3/16	3	3	10 1/2	3 3/4	10 3/8	57	15	72	66	3 TO 1
45	29	12 1/4	39 1/4	3	3	12	4 1/2	11 1/4	60	36	96	72	3 TO 1
49	32	13 9/16	42 21/32	3	3	12 1/2	4 3/4	12	60	36	96	75	3 TO 1
53	34	14 3/4	46	6	6	13	5	15 3/4	60	36	96	78	3 TO 1
60	38	16 1/2	51 3/4	6	6	14	5 1/2	21	60	36	96	84	3 TO 1
68	43	18 21/32	58 13/32	6	6	16	6	25 1/2	60	36	96	90	3 TO 1

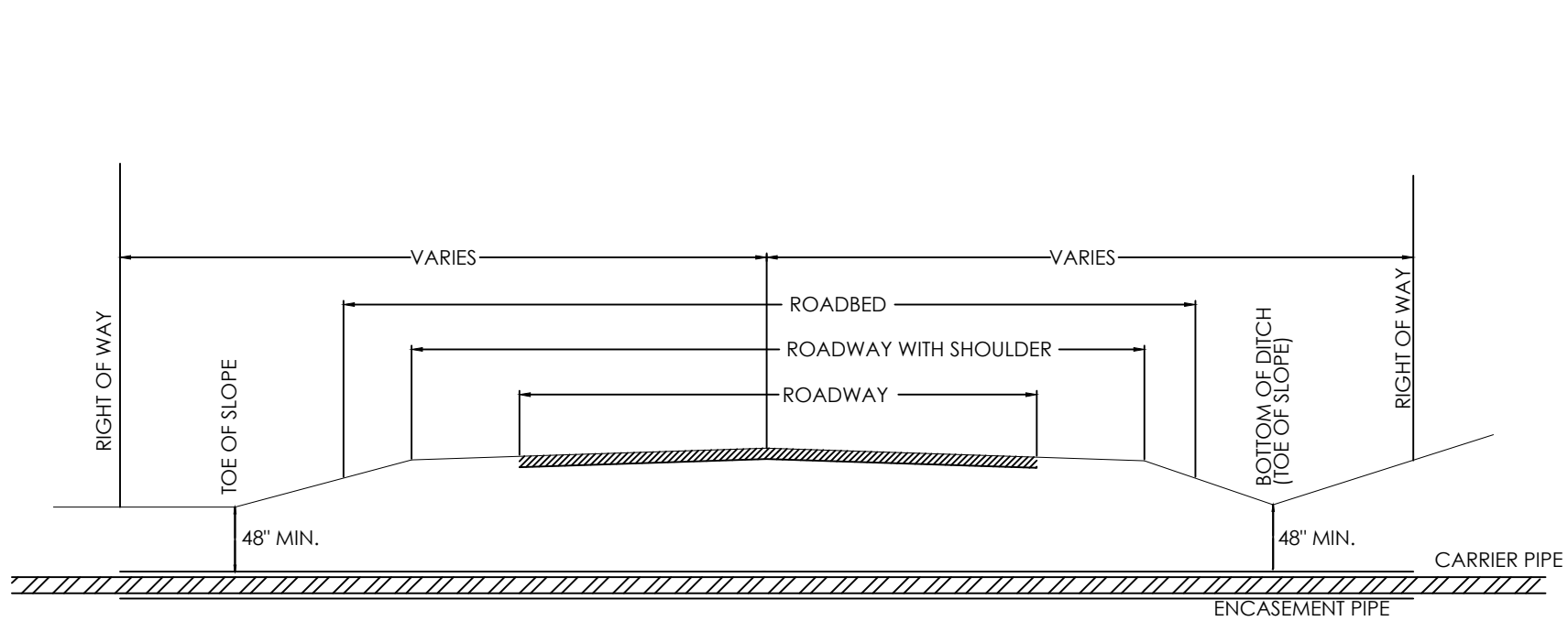
FLARED END SECTION (FES) DETAIL
N.T.S.



DATE	REVISIONS
06/22/26	50% Check set
06/23/26	1st Submittal
08/05/26	2nd Submittal

FARMINGTON JUNIOR HIGH SCHOOL
LARGE SCALE DEVELOPMENT
SITE DETAILS
FARMINGTON, ARKANSAS

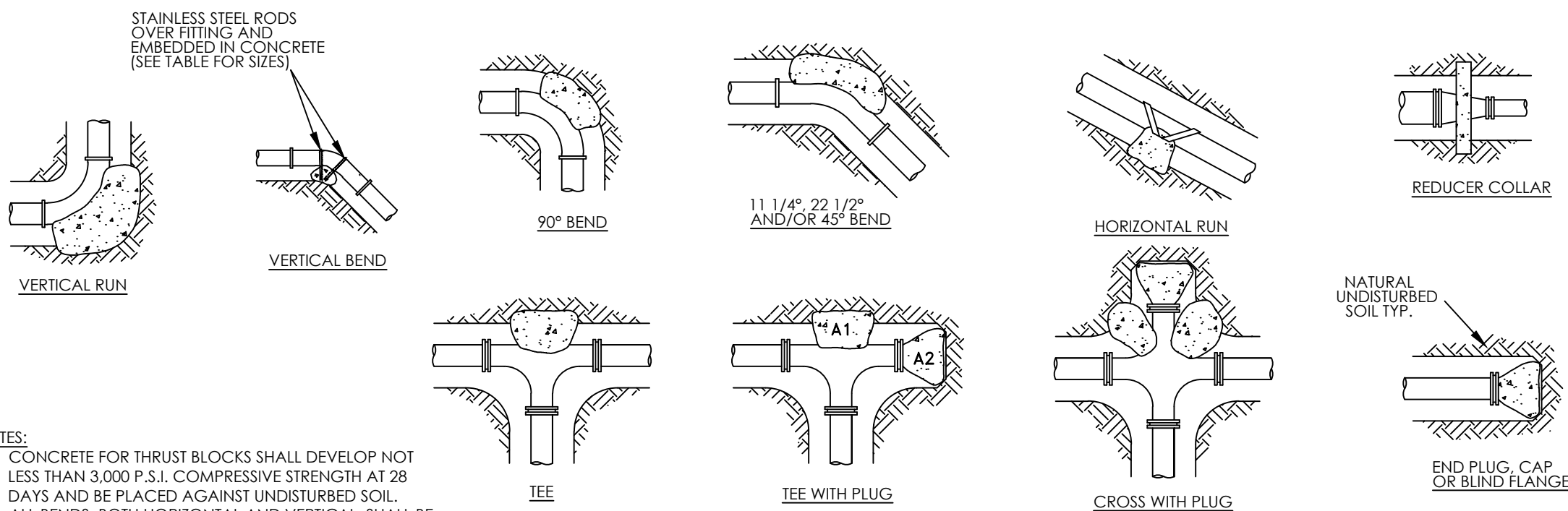




- NOTES:
- CASING SHALL EXTENDED A MINIMUM OF SIX (6) FEET BEYOND THE FLOW LINE OF PARALLEL DITCHES, TOE OF SLOPE, OR FACE OF CURB AS APPLICABLE FOR THE HIGHWAY SECTION.
 - ENCASEMENT MAY BE OF METALLIC OR NONMETALLIC MATERIAL.
 - THE STRENGTH OF THE ENCASEMENT MATERIAL SHALL EQUAL OR EXCEED STRUCTURAL REQUIREMENTS FOR HIGHWAY DRAINAGE CULVERTS.
 - A MARKER BEARING THE UTILITY OWNERS NAME SHALL BE PLACED AT EACH RIGHT OF WAY LINE WHERE CROSSED. (NOT REQUIRED FOR SERVICE LINES)
 - OWNERSHIP OF THE LINES SHALL BE SHOWN ON VENTS.
 - CASING PIPE SHALL BE SEALED AT THE ENDS WITH A FLEXIBLE MATERIAL.
 - CASING SHALL EXTEND RIGHT OF WAY TO RIGHT OF WAY.

ROAD CROSSING

NTS

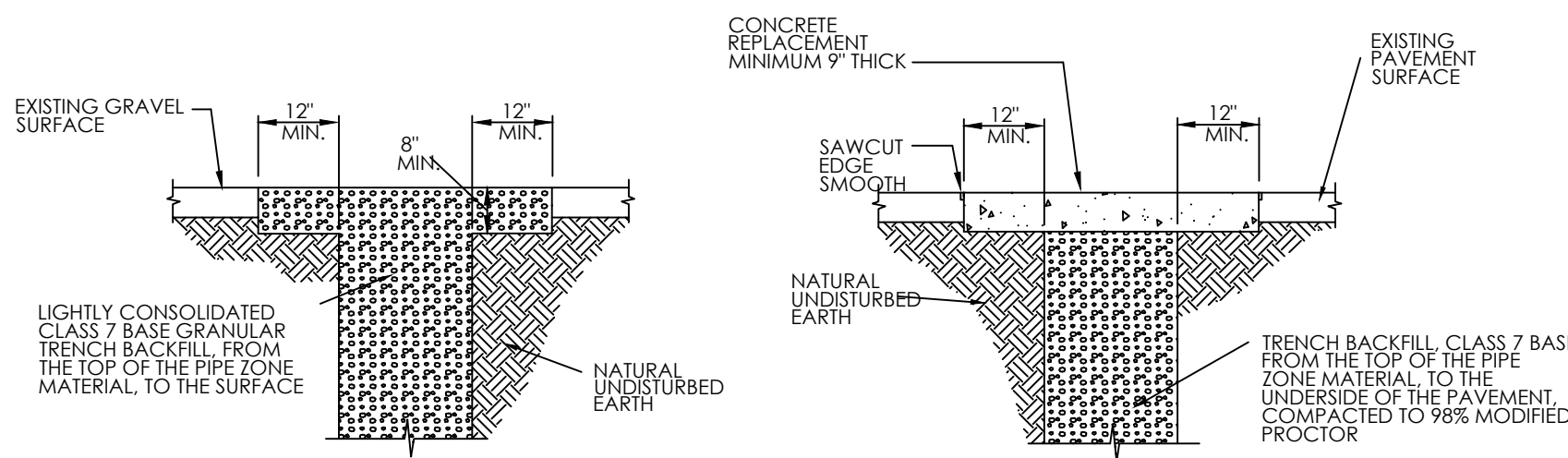


- NOTES:
- CONCRETE FOR THRUST BLOCKS SHALL DEVELOP NOT LESS THAN 3,000 P.S.I. COMPRESSIVE STRENGTH AT 28 DAYS AND BE PLACED AGAINST UNDISTURBED SOIL.
 - ALL BENDS, BOTH HORIZONTAL AND VERTICAL, SHALL BE BACKED WITH CONCRETE. VERTICAL BENDS SHALL BE PLACED ON CONCRETE PADS WHERE BENDS TURN UP, OR LOADED WHERE BENDS TURN DOWN.
 - WRAP PIPE JOINTS IN 8 MIL POLYETHYLENE BEFORE PLACING CONCRETE. USE LONG-RADIUS FITTINGS WHEREVER POSSIBLE.
 - BEARING AREA SHOWN IN TABLE, IS BASED UPON A 2,000 LB/SF. SOIL BEARING, AND UPON A PIPE LINE PRESSURE OF 250 PSI PLUS WATER HAMMER. AREAS SHOWN SHALL BE ADJUSTED, SHOULD FIELD CONDITIONS VARY.
 - UTILIZE MEGALUG THRUST RESTRAINTS ON MECHANICAL JOINT FITTINGS AND VALVES, IN ADDITION TO THESE THRUST BLOCKS.

THRUST BLOCK SCHEDULE (2000 PSF SOIL, 250 PSI WATER PRESSURE)													
BEARING AREA OF THRUST BLOCKS IN SQ. FT. (HORIZONTAL BENDS)							VOLUME OF THRUST BLOCK IN CU. YDS. (VERTICAL BENDS)						
FITTING SIZE	TEE WYE PUG OR CAP	90° BEND, PLUGGED CROSS	TEE PLUGGED ON RUN (A1)	TEE PLUGGED ON RUN (A2)	BEND ANGLE			FITTING SIZE	45°	BEND ANGLE	22 1/2°	11 1/4°	538°
2, 3 & 4	1.3	1.8	1.3	1.8	1.0	1.0	-	2, 3 & 4	1.5	0.5	0.3	-	#6 .30"
6	2.8	4.0	2.8	4.0	2.2	1.1	1.0	6	3.6	1.3	0.5	-	#6 .30"
8	3.0	7.1	3.0	7.1	3.8	2.0	1.0	8	5.3	2.0	0.8	-	#6 .30"
10	7.2	11.1	7.2	11.1	4.0	3.1	1.6	10	8.0	3.1	1.2	-	#6 .30"
12	11.3	16.0	11.3	16.0	8.7	4.4	2.3	12	11.3	4.3	1.7	-	#6 .30"

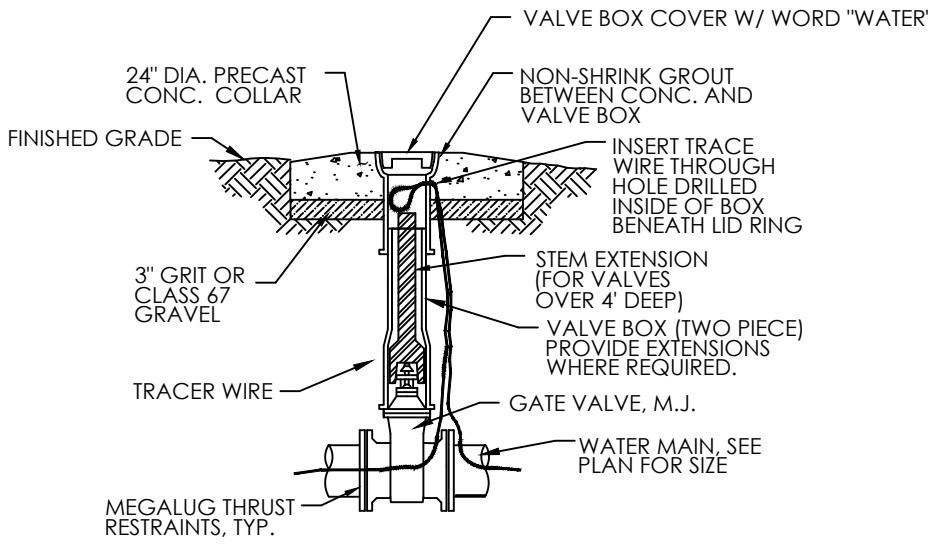
THRUST BLOCKING

NTS



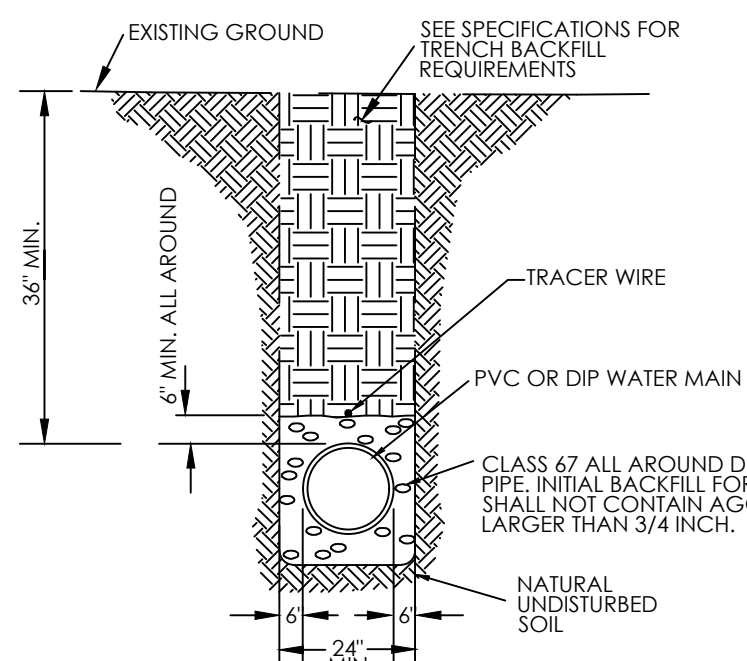
REPAIR DETAILS

NTS



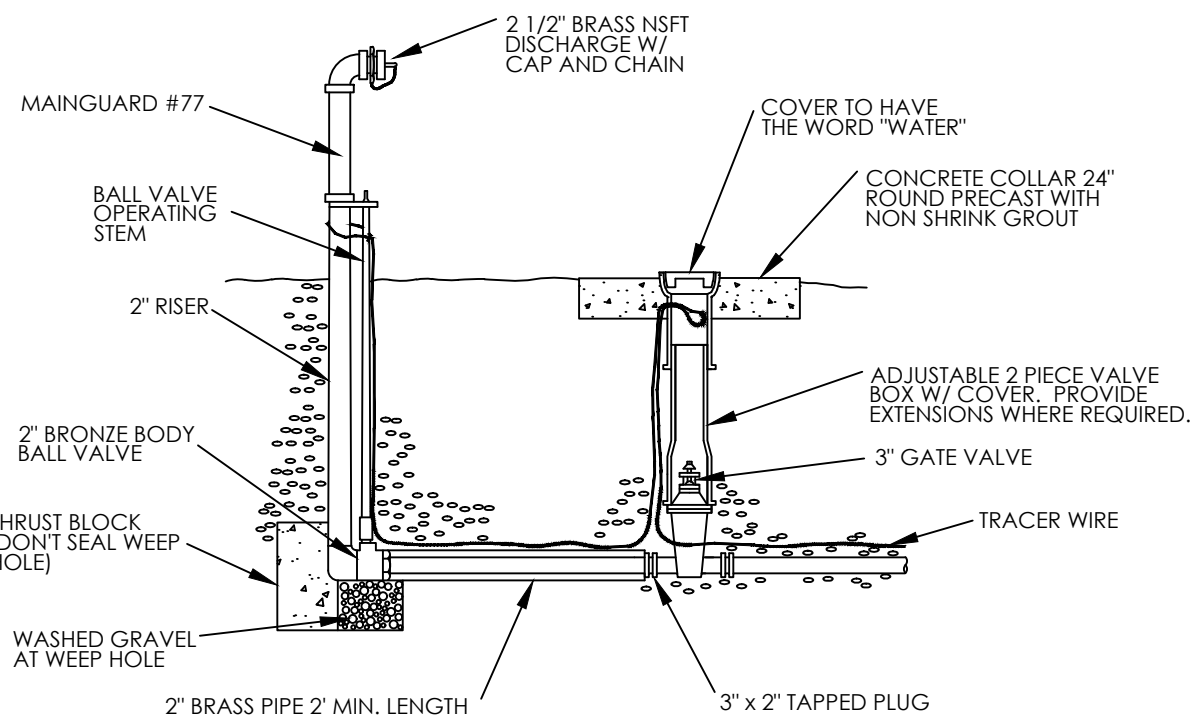
GATE VALVE

NTS



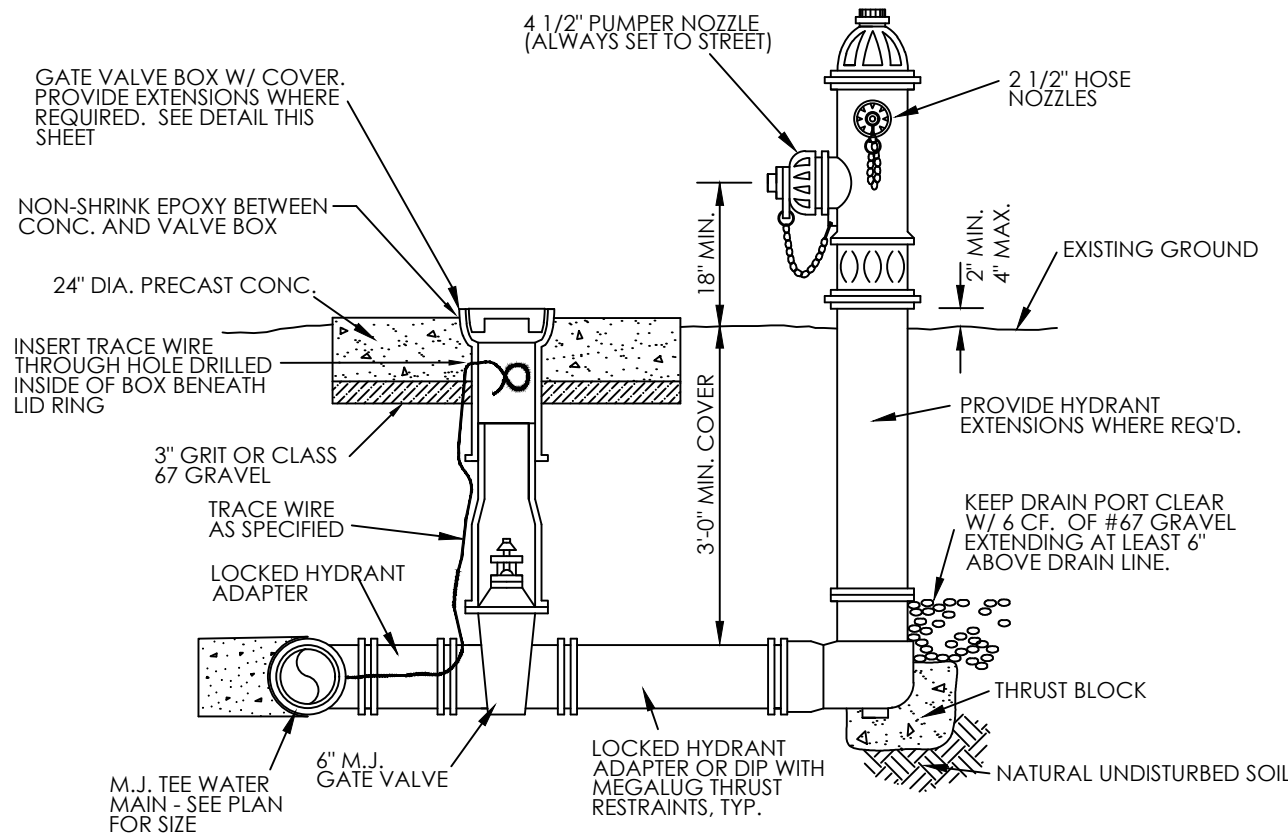
TYPICAL SOIL TRENCH

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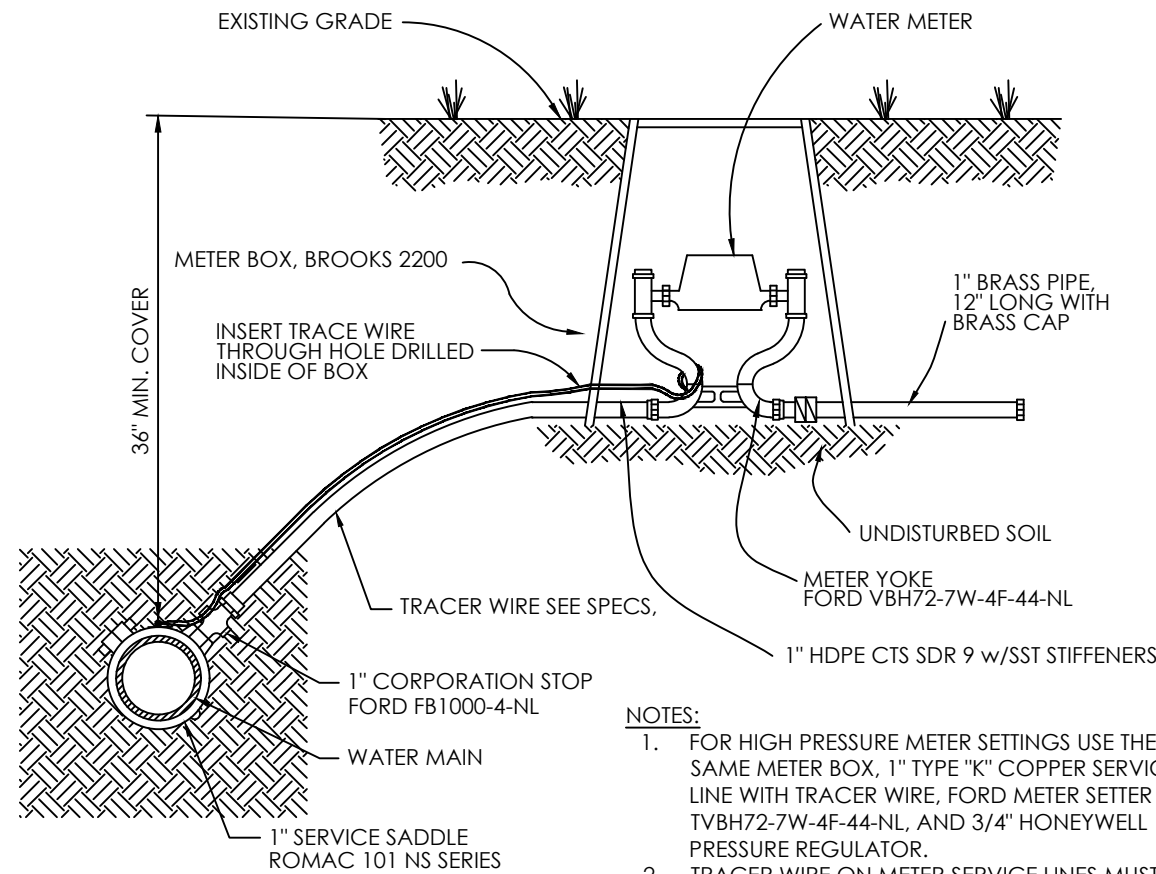
BLOWOFF ASSEMBLY

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FIRE HYDRANT ASSEMBLY

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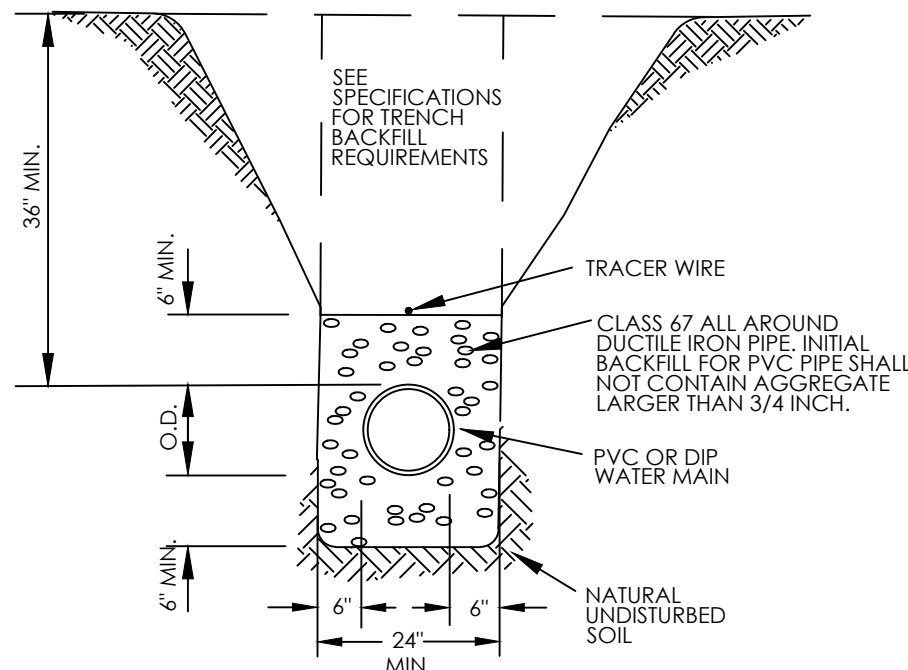


- NOTES:
- FOR HIGH PRESSURE METER SETTINGS USE THE SAME METER BOX, 1" TYPE "K" COPPER SERVICE LINE WITH TRACER WIRE, FORD METER SETTER TVBH72-7W-4E-44-NL AND 3/4" HONEYWELL PRESSURE REGULATOR.
 - TRACER WIRE ON METER SERVICE LINES MUST BE A CONTINUOUS LOOP FROM THE WATERMAIN TO THE METER SETTER AND BACK. TRACER SHALL BE SPLICED WITH GRASS FILLED DIRECT BURY WIRE NUTS.

*ALL COMPONENT/FITTINGS SHALL MEET THE FEDERAL DEFINITION OF "LEAD-FREE"

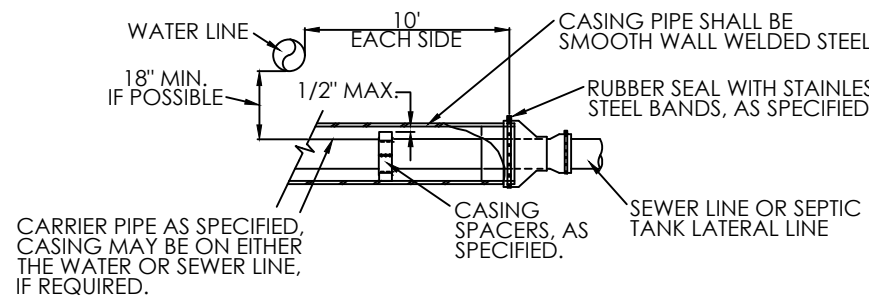
SINGLE METER SETTING

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ROCK EXCAVATION TRENCH

NTS



WATER CROSSING AT SEWER LINE

NTS