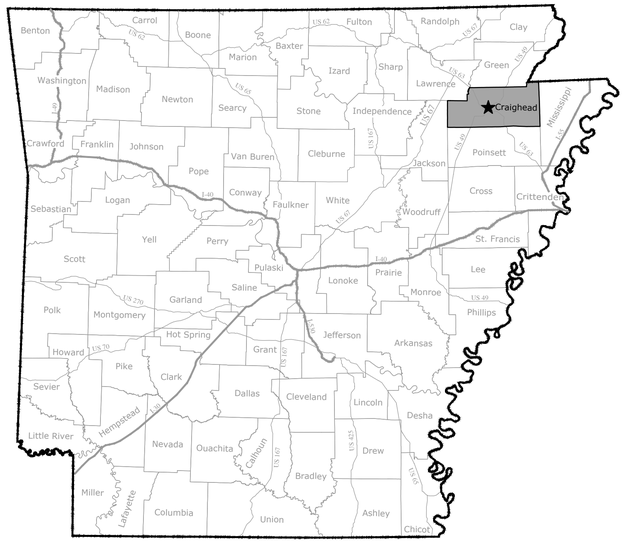
ELMHURST DRIVE-STORAGE FACILITY
HART CONSTRUCTION

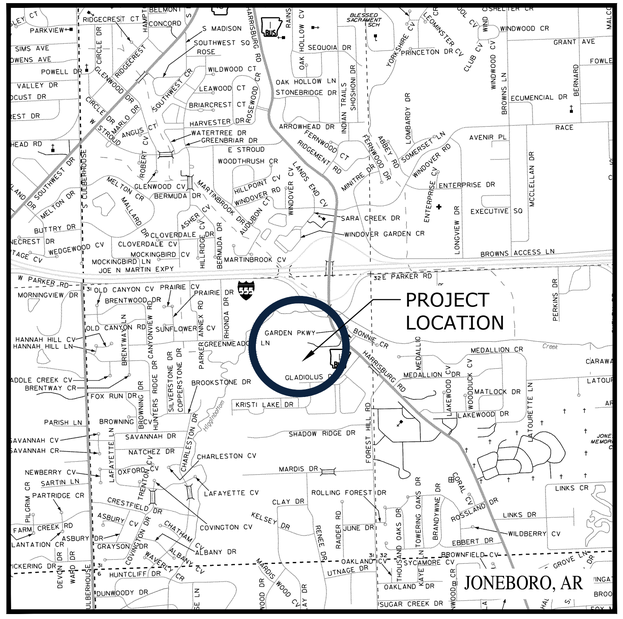
JONESBORO, ARKANSAS

DE JOB# 23-104

NOVEMBER 2024



LOCATION MAP



VICINITY MAP

SHEET INDEX

DAVIDSON ENGINEERING

210 West Arch Avenue, Suite D
Searcy, Arkansas 72143
TEL 501.388.2178
davidsonengineers.com

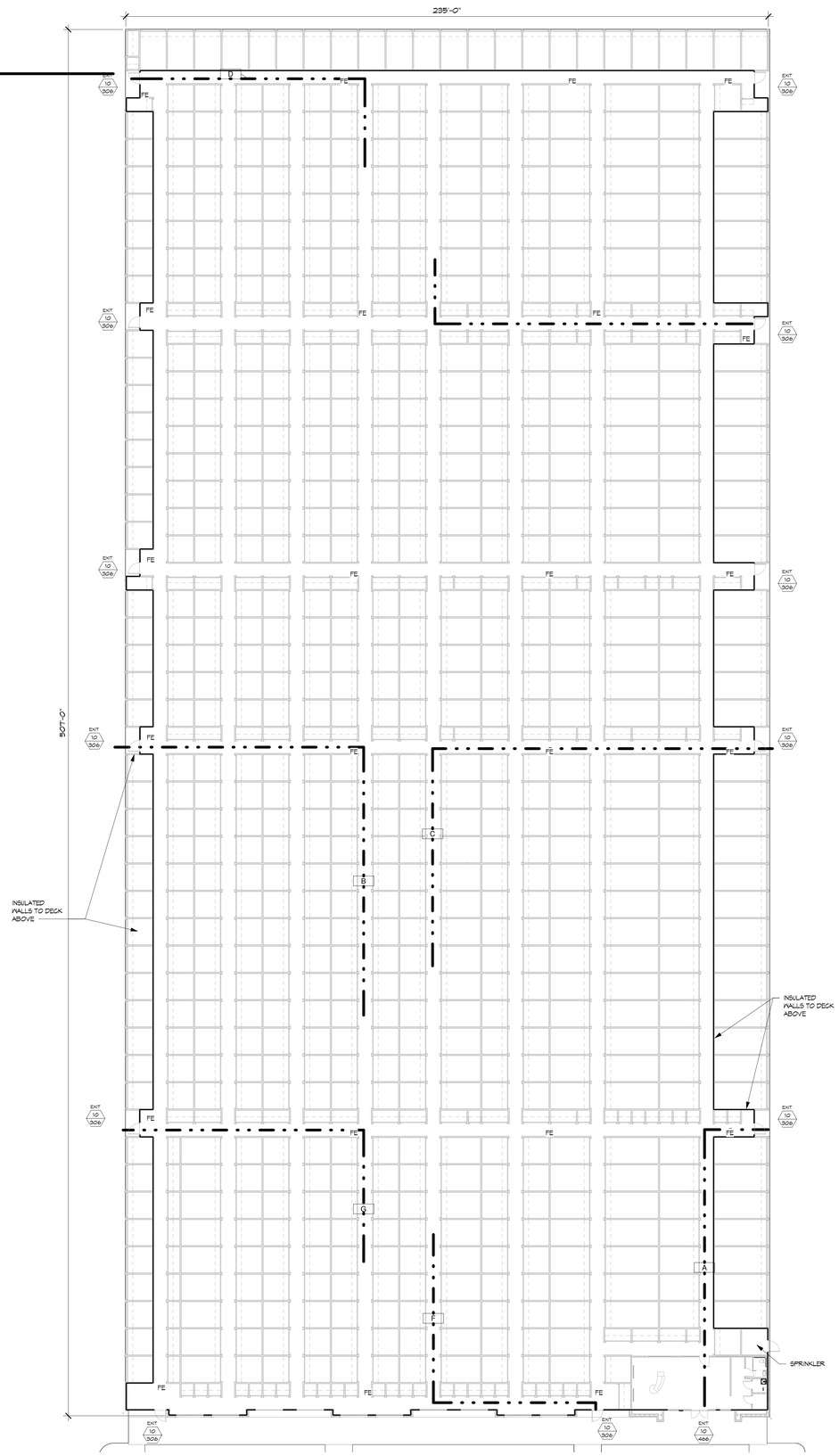
STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 19096
BRADEN COLE DAVIDSON

DAVIDSON ENGINEERING PLLC
No. 3641
CERTIFICATE OF AUTHORIZATION
ARKANSAS

U STORAGE

ELMHURST DRIVE

JONESBORO, AR



Business Areas

Warehouses

1 FIRST FLOOR LIFE SAFETY PLAN
1" = 20'-0"

MINI STORAGE SYSTEMS, DESIGNED AND ENGINEERED BY OTHERS INCLUDING BUT NOT LIMITED TO WALLS ROOF BRACING AND DOORS. LAYOUT SHOWN FOR ILLUSTRATION PURPOSES ONLY.

LEGEND	
FE =	RECESSED FIRE EXTINGUISHER CABINET
DOOR EGRESS:	
## / ##	OCCUPANTS ACTUAL / OCCUPANTS ALLOWABLE

EGRESS DISTANCES	
Exit Path	Exit Path Distance
A	124' - 4"
B	189' - 1"
C	203' - 9"
D	204' - 4"
E	139' - 6"
F	123' - 5"
G	136' - 1"

PROJECT TEAM

Burris Architecture
820 Tiger Blvd, Suite 4, Bentonville, Ar 72712
479-319-6045

I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATION HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH THE ARKANSAS FIRE PREVENTION CODE FOR THE STATE OF ARKANSAS.

STRUCTURAL

MILLER ENGINERING
417-886-6664

GENERAL NOTES:

1. CONTRACTOR IS TO INSPECT EXISTING CONDITIONS INCLUDING BUT NOT LIMITED TO, UNDERGROUND WATER MAINS, SEWER, TELEPHONE, AND ELECTRIC. WORK HERE UNDER ARE INDICATED ON DRAWINGS FOR DIAGRAMMATIC PURPOSES. NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION. RESPONSIBILITY FOR SUCH ACCURACY AND COMPLETENESS IS DISCLAIMED. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR LOCATING UNDERGROUND INSTALLATIONS PRIOR TO EXCAVATING.
2. ALL DIMENSIONS ARE FROM FACE OF STUD, FACE OF CONC. OR CENTER LINE UNLESS NOTED OTHERWISE. DRAWINGS ARE NOT TO BE SCALED. DIMENSIONS SHALL BE IN WRITTEN INFORMATION ONLY. VERIFY DIMENSIONS PRIOR TO WORK. ALTERATIONS IN DIMENSIONS AFFECTING THE DESIGN SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PROMPTLY FOR A RESOLUTION.
3. NOT ALL MATERIALS AND ASSEMBLIES HAVE BEEN SPECIFIED. CONTRACTOR IS TO VERIFY ALL NON-SPECIFIED ITEMS WITH OWNER & ARCHITECT PRIOR TO EXECUTING ANY WORK INVOLVING THESE ITEMS.
4. IT IS THE CONTRACTORS RESPONSIBILITY TO SUBMIT SUBSTITUTIONS OR DEVIATIONS FROM THE CONTRACT DOCUMENTS TO THE ARCHITECT FOR APPROVAL. NON-APPROVED DEVIATIONS WILL HOLD THE ARCHITECTS AND CONSULTING ENGINEERS HARMLESS FOR SUCH ITEMS.
5. ALL WORK TO CONFORM TO APPLICABLE CODES. THE MOST STRINGENT CODE SHALL APPLY. DISCREPANCIES IN CODE AND CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION IMMEDIATELY AND RESOLVED BEFORE PROCEEDING.
6. ALL MATERIALS ARE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND AS SUCH ALL SUBCONTRACTORS ARE TO INSURE THAT ALL MANUFACTURER'S WARRANTIES WILL BE HONORED.
7. ALL SUBCONTRACTORS ARE RESPONSIBLE FOR INSURING THEIR SAFETY AND OF THEIR PERSONNEL ON THE JOB SITE AT ALL TIMES. THEY SHALL CARRY WORKMAN'S COMPENSATION AND LIABILITY INSURANCE FOR THEMSELVES AND THEIR EMPLOYEES. SUBCONTRACTORS AND THEIR EMPLOYEES SHALL BE PERSONALLY RESPONSIBLE TO FOLLOW ALL OSHA RULES AND REGULATIONS.
8. GENERAL CONTRACTOR IS TO COORDINATE ALL MECH. ELECT. AND PLUMBING AND PROVIDE NECESSARY CONSTRUCTION TO FACILITATE SUCH WORK INCLUDING SUPPORTS, BLOCKING, ROUGH OPENING ETC.
9. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO REVIEW ARCHITECTURAL DRAWINGS BEFORE INSTALLATION OF MECH, ELECT OR SYSTEMS INSTALLATION, AND SHALL NOTIFY ARCHITECT IMMEDIATELY FOR ANY DISCREPANCIES. ANDY WORK INSTALLED IN CONFLICT WITH THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT NO EXPENSE TO THE OWNER OR ARCHITECT.
10. ALL DRAWINGS, SPECIFICATIONS AND DESIGN OF THE FOLLOWING SYSTEMS ARE TO BE PROVIDED BY OTHERS AS REQUIRED. OWNER SHALL CONTRACT WITH OTHERS UNDER SEPARATE CONTRACTS.

   A. CIVIL ENGINEERING B MECHANICAL ENGINEERING C. ELECTRICAL ENGINEERING

CODE SUMMARY

APPLICABLE CODES:
INCLUDED BUT NOT LIMITED TO, THE LATEST ADOPTED ADDITIONS OF THESE CODES AS AMENDED BY THE CITY OF JONESBORO AND THE STATE OF ARKANSAS

2021 Arkansas Fire Prevention Code Vol. I (2021 IFC w/ Arkansas Amendments)
2021 Arkansas Fire Prevention Code Vol. II - Commercial (2021 IBC w/ Arkansas Amendments)
2021 Arkansas Fire Prevention Code Vol. III - Residential (2021 IRC w/ Arkansas Amendments)
2018 Arkansas Plumbing Code (IPC)
2021 Arkansas Mechanical Code (IMC)
2020 National Electrical Code (NEC)
2018 Arkansas Fuel Gas Code (IFGC)
2014 Arkansas Energy Code (ASC)
2009 ANSI A117.1
City of JONESBORO adopted ordinances

THIS PROJECT IS A NEW BUILDING ON A PREVIOUSLY UNDEVELOPED SITE. SITE PLANS HAVE BEEN DEVELOPED BY A CIVIL ENGINEER UNDER A SEPARATE COVER

THE BUILDING IS FULLY SPRINKLERED. FIRE ALARM AND SPRINKLER PLANS SHALL BE SUBMITTED BY DESIGN INSTALLER TO LOCAL AUTHORITY

BUILDING DATA:
PROPOSED USE: SELF STORAGE (CLIMATE CONTROL)
OCCUPANCY TYPE: S-1

CONSTRUCTION TYPE: 2B

ALLOWABLE AREA = UNLIMITED AREA BUILDING (FULLY SPRINKLERED WITH 60' OPEN YARD)
ALLOWABLE HT/STORIES = 55' AND 3 STORY

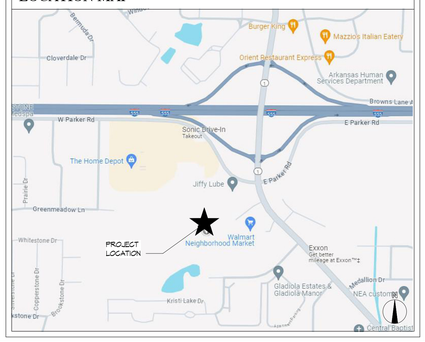
ACTUAL AREA : 119,145 SF

ACTUAL HT/STORIES = 20' AND 1 STORY

OCCUPANCY = SEE CODE DIAGRAM

SHEET INDEX

LOCATION MAP



3-21-25
Registered Architect
David Paul Burris
No. 4116
Arkansas

Burris Architecture
820 Tiger Blvd, Bentonville, Ar 72712
479-636-3531

U STORAGE
ELMHURST DRIVE
JONESBORO, AR

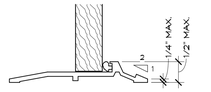
DATE 3-21-25
JOB NO. 24049
REVISIONS

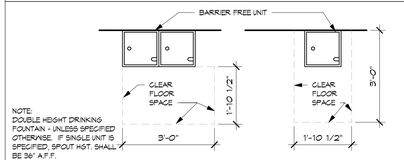
A0.0
COVER

MISC MOUNTING HEIGHTS

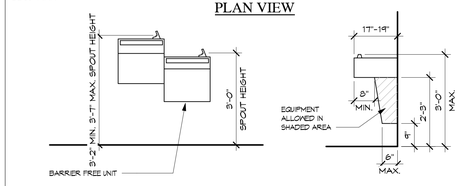
FIRE EXTINGUISHERS:	48" TO CENTERLINE OF CONTROLS
MARKER/TACK BOARDS:	36" TO BOTTOM
WALL MOUNTED TELEPHONES:	54" TO TOP OF PHONE
CLOSET/SHELF ROD:	54" TO TOP OF SHELF

THRESHOLDS





PLAN VIEW



DRINKING FOUNTAIN REQUIREMENTS

MATERIALS LEGEND

- EARTH
- COMPACTED GRANULAR FILL
- CONCRETE
- MASONRY BLOCK
- FACE BRICK
- LIMESTONE, SIMULATED STONE
- PLYWOOD, GLUE LAM
- WOOD GRAIN
- ROUGH CARPENTRY OR CONTINUOUS WOOD BLOCKING
- NON-CONTINUOUS WOOD BLOCKING
- STEEL / OTHER METALS
- GLASS
- RIGID INSULATION BOARD
- GYPSUM BOARD
- BATT INSULATION, BLOWN INSULATION
- BATT INSULATION, STEEL & OTHER METALS

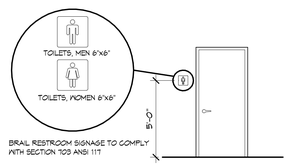
ABBREVIATIONS

A.B.	ANCHOR BOLT	DPF.	DAMP PROOFING
A/C	AIR CONDITIONING	DIAG.	DIAGONAL
ACT.	ACOUSTICAL TILE	DISP.	DISPENSER
ADH.	ADHESIVE		
A.F.F.	ABOVE FINISH FLOOR		
AGG.	AGGREGATE		
ANOD.	ANODIZED	DF.	DRINKING FOUNTAIN
ADJ.	ADJUSTABLE	DIV.	DIVISION
ALUM.	ALUMINUM	DIA.	DIAMETER
ALT.	ALTERNATE	DN.	DOWN
ARCH.	ARCHITECT	DIM.	DIMENSION
AD.	AREA DRAIN	DS.	DOWN SPOUT
ASPH.	ASPHALT	DTL.	DETAIL
@	AT	DR.	DOOR
		DWR.	DRAWER
BSMT.	BASEMENT	DWG.	DRAWING
BRG.	BEARING	D.	DEPTH
BD.	BOARD		
BIT.	BITUMINOUS	EA.	EACH
BLDG.	BUILDING	EW.	EACH WAY
BLK.	BLOCK	EL.	ELEVATION
BLK'G.	BLOCKING	ELEC.	ELECTRIC WATER COOLER
BM.	BEAM	EQUIP.	EQUIPMENT
B.M.	BENCH MARK	ELEV.	ELEVATOR
BOT.	BOTTOM		
BS.	BOTH SIDES		
BRK.	BREAK	HORIZ.	HORIZONTAL
BRZ.	BRONZE	H.	HIGH
B.U.	BUILT-UP	HT.	HEIGHT
		HTG.	HEATING
CPT.	CARPET	HTR.	HEATER
CAB.	CABINET	HW.	HOT WATER
CB.	CATCH BASIN	HD.	HEAD
CEM.	CEMENT	HDR.	HEADER
CER(T)	CERAMIC (TILE)	H.C.	HOLLOW CORE
CIR.	CIRCLE	HM.	HOLLOW METAL
CLG.	CEILING	HB.	HOSE BIBB
C.O.	CLEAN OUT	HVAC	HEATING, VENTILARTION & AIR CONDITIONING
		I.D.	I.D. DIAMETER
EXIST.	EXISTING	INSUL.	INSULATION
EXP.	EXPOSED	INT.	INTERIOR
EJ.	EXPANSION JOINT	INV.	INVERT
EXT.	EXTERIOR/EXTENSION	IHM	INSULATED HOLLOW METAL
EB	EXPANSION BOLT	JT.	JOINT
EQ.	EQUAL	JST.	JOIST
ELEC.	ELECTRIC(AL)	KO.	KNOCKOUT
EP.	ELECTRICAL PANELBOARD		
EMER.	EMERGENCY	LAM.	LAMINATE(D)
EIFS	EXTERIOR	LAV.	LAVATORY
	INSULATION	LH.	LEFT HAND
	FINISH SYSTEM	LT.	LIGHT
FLR.	FLOOR	LWC.	LIGHTWEIGHT CONCRETE
FIN.	FINISH(ED)	LTL.	LINTEL
FND.	FOUNDATION	LVR.	LOUVER
FFE	FINISHED FLOOR ELEVATION		LENGTH
FE.	FIRE EXTINGUISHER	LP.	LIGHT POLE
FEC.	FIRE EXTINGUISHER CABINET		
FTG.	FOOTING	MAS.	MASONRY
FLASH.	FLASHING	MATL.	MATERIAL
F.C.O.	FLOOR CLEAN OUT	MAX.	MAXIMUM
FD.	FLOOR DRAIN	MH.	MAN HOLE
FLUOR.	FLUORESCENT	MSNT.	MASONITE
GA.		PP.	POWER POLE
GB.	GRAB BAR		
GALV.	GALVANIZED	QT.	QUARRY TILE
G.C.	GENERAL CONTRACTOR	R.	RADIUS
GI.	GALVANIZED IRON	REF.	REFERENCE
GL.		REINF.	REINFORCE
GYP.	GYPSUM	RCP.	REINFORCED CONC. PIPE
GWB.	GYPSUM WALL BOARD	REQ'D.	REQ'D. REQUIRED
G.S.	GRAVEL STOP	RA.	RETURN AIR
HDW.	HARDWARE	RH.	RIGHT HAND
HBD.	HARDBOARD	REV.	REVISION(S)
HDF.	HANDICAPPED	RH.	RIGHT HAND
	DRINKING	ROW.	RIGHT OF WAY
HM.	HOLLOW METAL	RD.	ROOF DRAIN
HM.	INSULATED HOLLOW METAL	RO.	ROUGH OPENINGS
MANUF.	MANUFACTURED(ER)	SAN.	SANITARY
MSNT.	MASONITE	SCHED.	SCHEDULE
MO.	MASONRY OPENING	S.C.	SOLID CORE
MECH.	MECHANIC(AL)	SECT.	SECTION
MTL.	METAL	SHT.	SHEET
MISC.	MISCELLANEOUS	SIM.	SIMILAR
MOD. BIT.	MODIFIED BITUMEN	SPEC.	SPECIFICATION
MP.	METAL PANEL(S)	STD.	STANDARD
MIN.	MINIMUM	STL.	STEEL
MB.	MOISTURE BARRIER	STOR.	STORAGE
MTD.	MOUNTED	STRUCT.	STRUCTURE
MULL.	MULLION	SQ.	SQUARE
MEP.	MECHANICAL, ELECTRICAL & PLUMBING	SUSP.	SUSPENDED
		SS.	STAINLESS STEEL
MK.		STA.	STATION
NOM.	NOMINAL	SD.	STORM DRAIN
NTS.	NOT TO SCALE	SYM.	SYMMETRY(ICAL)
NIC.	NOT IN CONTRACT		
		TEMP.	TEMPERATE/TEMPORARY
O.C.	ON CENTER	TEL.	TELEPHONE
O.D.	OUTSIDE DIAMETER	TEMP.	TEMPERED
OHE	OVER HEAD ELECTRIC	TH.	THICKNESS
OPNG.	OPENING	TLT.	TOILET
		T & G	TONGUE AND GROOVE
PNL.	PANEL	TON.	TOP OF WALL
PVMT.	PAVEMENT	TOS.	TOP OF STEEL
PERF.	PERFORATE(D)	TOM.	TOP OF MASONRY
PLAS. LAM.	PLASTIC LAMINATE	TYP.	TYPICAL
PL.	PLATE/PROPERTY LINE	UNFIN.	UNFINISHED
PLBG.	PLUMBING	U.O.N.	UNLESS OTHERWISE NOTED
PLYWD.	PLYWOOD	UGE.	UNDERGROUND ELECTRIC
P.P.	POWER POLE		
PR.	PAIR	V.C.P.	VITRIFIED-CLAY-PIPE
P.V.C.	POLYVINYL CHLORIDE	VEST.	VESTIBULE
PSF	POUNDS PER SQUARE FOOT	VERT.	VERTICAL
PSI	POUNDS PER SQUARE INCH	VOL.	VOLUME
PREFAB	PREFABRICATE(D)	V.T.R.	VENTED-THRU-ROOF
PRE FIN	PRE FINISHED	VCT.	VINYL COMPOSITION TILE
		VB.	VINYL BASE
		VNC.	VINYL WALL COVERING
COL.	COLUMN		
CONC.	CONCRETE	W.C.T.	WATER CLOSET
CLR.	CLEAR(ANCE)	WH.	WALL HUNG
COMP.	COMPOSITION	WC.	WATER CLOSET
CONST.	CONSTRUCTION	WIN.	WINDOW
CMU	CONC. MASONRY UNIT	W.W.F.	WELDED WIRE FABRIC
CONTR.	CONTRACTOR	W.P.	WEATHER PROOF
CONT.	CONTINUOUS OR CONTINUE	WT.	WEIGHT
CTR.	COUNTER	WT.	WATER STOP
C.J.	CONTROL JOINT	W	WITH
C.T.	CURTAIN TRACK	W/O	WITHOUT
C	CENTER LINE	WD.	WOOD
		W	WIDTH
CW.	COLD WATER		
CMP.	CORRUGATED METAL PIPE		
CPP.	CORRUGATED PLASTIC PIPE		

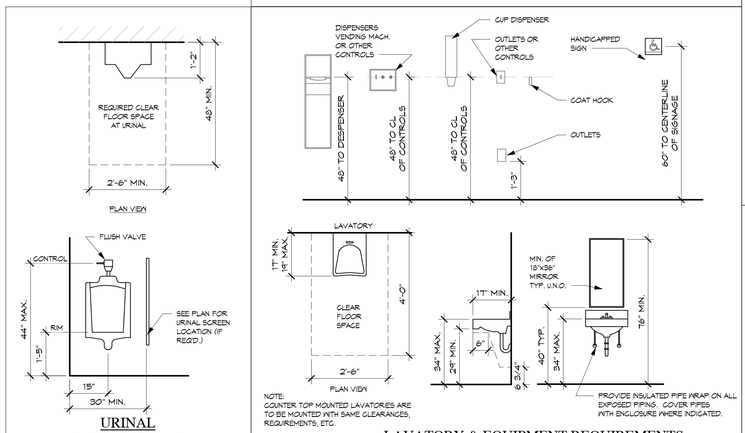
SYMBOLS LEGEND

NOTE: SYMBOLS SHOWN IN LEGENDS ARE TYPICAL AND ALL SYMBOLS MAY NOT OCCUR ON THIS PROJECT

- 1 / A1.0 — DETAIL REFERENCE. UPPER NUMBER INDICATES DETAIL NUMBER. LOWER NUMBER INDICATES SHEET NUMBER.
- 2 / 1 A1.0 3 / 4 — INTERIOR ELEVATION SYMBOL. OUTER NUMBER INDICATES ELEVATION NUMBER. INNER NUMBER INDICATES SHEET NUMBER
- A — COLUMN GRID SYMBOL
- ROOM NAME / 100 — ROOM NAME AND ROOM NUMBER IS FOR REFERENCE TO SCHEDULES, NOTES, ETC.
- G-1 — GENERAL NOTE SYMBOL
- 100 — DOOR SYMBOL
- 2 — WINDOW SYMBOL



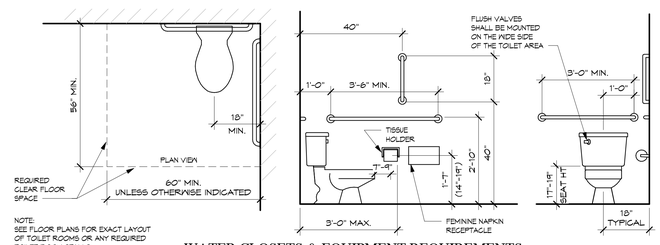
SIGNAGE ELEVATION



URINAL REQUIREMENTS

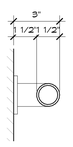
NOTE:
COUNTER TOP MOUNTED LAVATORIES ARE TO BE MOUNTED WITH SAME CLEARANCES, REQUIREMENTS, ETC.

LAVATORY & EQUIPMENT REQUIREMENTS

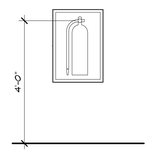


NOTE:
SEE FLOOR PLANS FOR EXACT LAYOUT OF TOILET ROOMS OR ANY REQUIRED TOILET ROOM STALLS.

WATER CLOSETS & EQUIPMENT REQUIREMENTS



HANDRAIL (TYP)



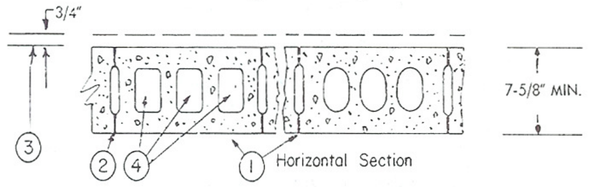
FIRE EXTINGUISHER CABINETS

GENERAL NOTES

1. FIXTURE AND ACCESSORIES MOUNTING DETAILS AND REQUIREMENTS ARE TYPICAL AND APPLY TO REQUIRED ACCESSIBLE INSTALLATIONS ONLY. REFER TO PLANS FOR LOCATIONS AND TYPES OF LAYOUTS. EQUIPMENT SHOWN MAY OR MAY NOT APPEAR ON THIS PROJECT.
2. PROVIDE SOLID BLOCKING FOR ALL ACCESSORIES WHICH IS CAPABLE OF WITHSTANDING 250 LB. FORCE (SHEAR AND BENDING). GRAB BARS SHALL NOT ROTATE. FASTENERS SHALL BE OF A TYPE TO WITHSTAND REQUIRED FORCE AND TO BE APPROPRIATE FOR WALL TYPE.
3. ALL EXTERIOR RAMPS SHALL HAVE A NONSKID FINISH AS SPECIFIED. ALL INTERIOR RAMPS SHALL HAVE FLOORING OF NONSKID MATERIAL. IF NO FINISH IS INDICATED ON THE DRAWINGS - PROVIDE RUBBER RADIAL TILE ON FINISH FLOOR SURFACE OF INTERIOR RAMPS.
4. ANY METAL FLOOR GRATINGS OR DRAINAGE GRATINGS IN AN ACCESSIBLE PATH SHALL HAVE SPACES NO GREATER THAN 1/2" WIDE IN ONE DIRECTION. LONG DIMENSION SHALL BE PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL.

Design No. U904

Bearing Wall Rating — 3 HR.
Nonbearing Wall Rating — 3 HR.



1. **Concrete Blocks*** — Various designs. Classification C-3 (3 hr). See **Concrete Blocks** category for list of eligible manufacturers.
2. **Mortar** — Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
3. **Portland Cement Stucco or Gypsum Plaster** — Add 1/2 hr to Classification if used. Attached to concrete bolcks (Item 1).
4. **Loose Masonry Fill** — If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kiln Process), water repellant vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 1 hr to Classification.
5. **Foamed Plastic*** — (Optional-Not Shown) — 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).
   BPB AMERICA INC
   BPB CELOTEX —Type Thermax

*Bearing the UL Classification Mark

3 HOUR BLOCK WALL - ALL SUB CONTRACTORS TO PROVIDE RATED PENETRATION CUT SHEET FOR EACH MATERIAL PENETRATING WALL- RETAIN ON SITE

3-21-25
Registered Architect
David Paul Burris
No. 4116
Arkansas

Burris Architecture
820 Tiger Blvd, Bentonville, AR 72712
479-636-3531

U STORAGE
ELMHURST DRIVE
JONESBORO, AR

DATE 3-21-25
JOB NO. 24049
REVISIONS

A0.1
STANDARDS

LOAD TABLE

2021 IBC

DEAD LOADS		
FLOOR		
SLAB ON GRADE		50 PSF
ROOF		
WEIGHT OF BUILDING MATERIALS		BY METAL BUILDING MANUFACTURE
COLLATERAL LOAD		0.5 PSF
LIVE LOADS		
FLOOR		
SLAB ON GRADE		125 PSF
ROOF		20 PSF
OCCUPANCY CATEGORY		II
ROOF SNOW LOAD		
GROUND SNOW LOAD	P_g	10 PSF
MINIMUM LOW-SLOPE ROOF SNOW LOAD	P_m	10 PSF
SNOW EXPOSURE FACTOR	C_e	1.0
THERMAL FACTOR	C_t	1.2
ROOF SLOPE FACTOR	C_s	1.0
SNOW LOAD IMPORTANCE FACTOR	I_s	1.0
NOTE: SNOW DRIFT LOADS ACCOUNTED FOR		
WIND DESIGN DATA		
BASIC WIND SPEED	V_{ULT}	106.0 MPH
EXPOSURE CATEGORY		C
INTERNAL PRESSURE COEFICIENT		±0.18
EARTHQUAKE DESIGN DATA		
SEISMIC IMPORTANCE FACTOR	I_e	1.00
MAPPED SPECTRAL RESPONSE ACCELERATIONS	S_S	1.177
	S_1	0.407
SITE CLASS		D
SPECTRAL RESPONSE COEFFICIENTS	S_{DS}	0.941
	S_{D1}	N/A
SEISMIC DESIGN CATEGORY		C
SEISMIC RESPONSE FACTOR	R^2	2
BASIC SEISMIC-FORCE-RESISTING SYSTEM		BY METAL BUILDING MANUFACTURE
SEISMIC RESPONSE COEFFICIENT	C_S	0.4705
DESIGN BASE SHEAR	V	149.308 KIPS
ANALYSIS PROCEDURE USED		EQUIV LATERAL FORCE PROCEDURE
ALLOWABLE SOIL BEARING CAPACITY		2000 PSF

GENERAL NOTES

1. IN CASES OF DISCREPANCIES IN DIMENSIONS AND ELEVATIONS BETWEEN STRUCTURAL AND ARCHITECTURAL DRAWINGS, CONTRACTOR SHALL COORDINATE WITH ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION.
2. CONTRACTOR SHALL PROVIDE TEMPORARY GUYS AND BRACING AS REQUIRED DURING CONSTRUCTION. STRUCTURE IS NOT STABLE UNTIL ALL STRUCTURAL MEMBERS, CONNECTIONS, AND DECKING ARE IN PLACE.
3. FIELD VERIFY ALL EXISTING CONDITIONS. NOTIFY DESIGN TEAM WHEN EXISTING CONDITIONS ARE IN CONFLICT WITH THE CONSTRUCTION DOCUMENTS.
4. THE FOUNDATIONS AND STRUCTURAL FRAMING HAVE BEEN DESIGNED TO RESIST SEISMIC FORCES PER THE INTERNATIONAL BUILDING CODE REFERENCED IN THE LOAD TABLE IN ACCORDANCE WITH THE REQUIREMENTS OF ACT 1100 OF THE 1991 ARKANSAS STATE LEGISLATURE. THE REQUIRED SEISMIC DESIGN DATA IS AS SHOWN IN THE LOAD TABLE.

FOUNDATION NOTES

1. IN THE AREA OF THE BUILDING, EXISTING ORGANIC MATERIAL, UNSUITABLE SOIL, ABANDONED FOOTINGS, PAVEMENT AND OTHER DELETERIOUS MATERIALS SHALL BE REMOVED.
2. ALL UNDERCUTTING, SITE PREPARATION, FILL SELECTION, BACKFILLING AND COMPACTION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE RECOMMENDATIONS OF A SOILS ENGINEER.
3. TESTING OF CONTROLLED STRUCTURAL FILL SHALL BE PERFORMED BY A QUALIFIED TESTING LABORATORY IN ACCORDANCE WITH THE SPECIAL INSPECTION NOTES.
4. EXCAVATION FOR FOOTINGS SHALL BE CUT TO ACCURATE SIZE AND DIMENSIONS AS SHOWN ON PLANS. ALL SOIL BELOW SLABS AND FOOTINGS SHALL BE PROPERLY COMPACTED AND SUBGRADE BROUGHT TO A REASONABLE TRUE AND LEVEL PLANE BEFORE PLACING CONCRETE.
5. AFTER EXCAVATION FOR FOUNDATIONS AND PRIOR TO PLACEMENT OF STEEL REINFORCEMENT OR CONCRETE, NOTIFY SOILS ENGINEER FOR INSPECTION OF SOIL CONDITIONS.
6. FOOTINGS SHALL BEAR AT MINIMUM DEPTHS AS NOTED IN FOOTING SECTIONS AND PLANS OR INTO APPROVED BEARING STRATA, WHICHEVER DEPTH IS GREATER, NOTE THAT FOOTING BEARING ELEVATIONS GIVEN ON THE PLANS ARE ESTIMATED DEPTHS ONLY. WHERE UNSUITABLE SOIL IS ENCOUNTERED OR WHERE FINISHED EXTERIOR GRADE VARIES FROM THE ASSUMED EXTERIOR GRADE, FOOTING DEPTHS MAY VARY.
7. CONTINUOUS SPREAD FOOTINGS AND ISOLATED FOOTINGS ARE DESIGNED FOR A NET ALLOWABLE SOIL BEARING AS SPECIFIED IN THE LOAD TABLE. FOR EITHER NATURALLY OCCURRING SOIL OR COMPACTED ENGINEERED FILL AFTER FOOTING EXCAVATIONS HAVE BEEN MADE TO DESIGN ELEVATIONS, THE INDEPENDENT TESTING AGENCY EMPLOYED BY THE OWNER SHALL INSPECT AND TEST THE BEARING SOIL WHEN SOIL OF INADEQUATE STRENGTH IS NOTED, CONTRACTOR SHALL FURTHER DEEPEN EXCAVATIONS UNTIL SUITABLE BEARING CONDITIONS ARE VERIFIED BY TESTING. OVER-EXCAVATIONS MAY BE BACKFILLED WITH SUITABLE COMPACTED ENGINEERED FILL, SUITABLE GRANULAR BASE, LEAN CONCRETE OR STRUCTURAL CONCRETE BACKFILL.
8. IF BEDROCK IS ENCOUNTERED IT SHALL BE OVER-EXCAVATED TO ALLOW PLACEMENT OF A MINIMUM OF 12" OF COMPACTED LOW PLASTICITY EARTH FILL OR COMPACTED BASE ROCK BELOW FOOTINGS.

CONCRETE NOTES

1. CONCRETE WORK SHALL CONFORM TO BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318) AND SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301), LATEST EDITION.
2. CONCRETE SHALL BE CONTROLLED CONCRETE, PROPORTIONED, MIXED AND PLACED UNDER THE SUPERVISION OF AN APPROVED CONCRETE TESTING AGENCY. SEE THE SPECIAL INSPECTION NOTES FOR ADDITIONAL INFORMATION.
3. CONCRETE FOR FOOTINGS SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI. THE MAXIMUM WATER TO CEMENT RATIO SHALL BE 0.52 BY WEIGHT. A MINIMUM OF 4 BAGS OF CEMENT SHALL BE USED PER CUBIC YARD WITH A SLUMP OF 4" ±1".
4. CONCRETE FOR INTERIOR SLABS ON GRADE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF 3500 PSI. THE MAXIMUM WATER TO CEMENT RATIO SHALL BE 0.50 BY WEIGHT. A MINIMUM OF 5½ BAGS OF CEMENT SHALL BE USED PER CUBIC YARD WITH A SLUMP OF 4" ±1".
5. IF ADDITIONAL FLOWABILITY IS REQUIRED FOR PLACEMENT OF ANY CONCRETE MIX, A WATER-REDUCING ADDITIVE CONFORMING TO ASTM C494, TYPE A, SHALL BE USED. NO ADDITIONAL WATER MAY BE ADDED TO THE MIX.
6. FLY ASH MAY BE USED AS A ONE TO ONE REPLACEMENT FOR THE CEMENT UP TO 20% OF THE TOTAL CEMENT CONTENT AS LONG AS THE AMBIENT TEMPERATURE IS ABOVE 50 DEGREES FAHRENHEIT.
7. DO NOT AIR ENTRAIN CONCRETE TO BE USED FOR FLOORS WITH A TROWELED FINISH. DO NOT ALLOW ENTRAPPED AIR CONTENT TO EXCEED 3%.
8. FINE AND COARSE AGGREGATE SHALL MEET THE REQUIREMENTS OF ASTM C33 FOR GRADING SIZE, PARTICLE DISTRIBUTION, DELETERIOUS CONTENT, SOUNDNESS AND CHERT. COURSE AGGREGATES SHALL MEET THE REQUIREMENTS OF ASTM C33 TABLE 3 CLASS 4S. FINE AGGREGATE MAY BE NATURAL OR MANUFACTURED SAND FROM QUARRIES OR PITS WHICH HAVE GIVEN SATISFACTORY SERVICE PERFORMANCE WHEN EXPOSED IN A SIMILAR MANNER TO THAT TO BE ENCOUNTERED.
9. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE. LAP ALL SPLICES IN ACCORDANCE WITH THE REBAR SPLICE & DEVELOPMENT LENGTH SCHEDULE. WELDED WIRE REINFORCEMENT (WWR) SHALL CONFORM TO ASTM A1064, GRADE 65. LAP WWR AT LEAST TWO CROSS WIRES PLUS AN ADDITIONAL 2" INCHES ON SIDES AND ENDS (CROSS WIRE SPACING + 2"). MAINTAIN WIRE 1" TO 2" BELOW TOP SURFACE OF SLABS.
10. WHERE FOOTINGS, WALLS, OR OTHER STRUCTURAL ELEMENTS INTERSECT, CORNER OR TEE, PROVIDE CORNER BARS WITH REQUIRED LAP LENGTHS TO PROVIDE CONTINUITY OF HORIZONTAL REINFORCING, UNLESS NOTED OTHERWISE.
11. COLD-WEATHER PLACEMENT SHALL COMPLY WITH ACI 306R.
12. HOT-WEATHER PLACEMENT SHALL COMPLY WITH ACI 305R.
13. CONCRETE SLABS SHALL BE FINISHED TO THE FOLLOWING TOLERANCES:
    A. SPECIFIED OVERALL VALUE F_F=38 F_L=25 (MINIMUM LOCAL VALUE F_F=19 F_L=13)
    B. FLOOR TOLERANCE MEASUREMENTS FOR LEVELNESS AND FLATNESS SHALL BE TESTED IN ACCORDANCE WITH ASTM E1155. ACTUAL OVERALL F-NUMBERS SHALL BE CALCULATED USING THE INFERIOR/SUPERIOR AREA METHOD.
    C. ALL FLOOR TOLERANCE MEASUREMENTS SHALL BE MADE BY THE CONTRACTOR WITHIN 24 HOURS AFTER SLAB INSTALLATION AND BEFORE SAW CUTTING OF CONTROL JOINTS. IN ALL CASES, TOLERANCE MEASUREMENTS SHALL PRECEDE THE REMOVAL OF SHORES AND FORMS. RESULTS OF ALL FLOOR PROFILE TESTS SHALL BE PROVIDED TO THE CONTRACTOR WITHIN 48 HOURS OF EACH SLAB INSTALLATION. SECTIONS OF FLOOR NOT MEETING THE MINIMUM TOLERANCES HEREIN SHALL BE REMOVED OR REPAIRED AT THE DIRECTION OF THE ARCHITECT/ENGINEER.

METAL STUD FRAMING NOTES

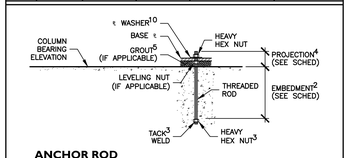
1. STUDS AND JOISTS SHALL BE DESIGNED, MANUFACTURED, AND INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA) AND THE AMERICAN IRON AND STEEL INSTITUTE (AISI).
2. INTERIOR LOAD BEARING STUDS SHALL BE 350S**x** x 1½" x 18 GAGE (SSMA 362S162-43) STEEL STUDS (F_y = 33 KSI) AT 16" O.C., UNLESS NOTED OTHERWISE.
3. EXTERIOR WALL STUDS SHALL BE 6" x 1½" x 18 GAGE (SSMA 600S162-43) STEEL STUDS (F_y = 33 KSI) AT 16" O.C., UNLESS NOTED OTHERWISE.
4. TOP AND BOTTOM TRACK AT EXTERIOR WALLS SHALL BE 6" x 1½" x 18 GAGE (SSMA 600T125-43) STEEL TRACK (F_y = 33 KSI), UNLESS NOTED OTHERWISE.
5. PROVIDE HORIZONTAL BRIDGING AT 4'-0" O.C. IN ALL LOAD BEARING WALLS. BRIDGING MAY CONSIST OF BLOCK AND STRAP BRIDGING OR COLD ROLLED CHANNELS WITH BRIDGING CLIPS.
6. PROVIDE BLOCKING AS REQUIRED BY MANUFACTURER SPECIFICATIONS OR AS INDICATED ON THE PLANS. ALIGN SUPPORTING STUDS WITH JOISTS.

STRUCTURAL STEEL NOTES

1. STRUCTURAL STEEL SHAPES SHALL CONFORM TO THE FOLLOWING GRADES, UNLESS NOTED OTHERWISE.
   - WIDE FLANGE: ASTM A992 — F_y = 50 KSI
   - HSS (SQ. & RECT.): ASTM A500 Gr. C — F_y = 50 KSI
   - HSS (RND.): ASTM A500 Gr. C — F_y = 46 KSI
   - PIPE: ASTM A53 Gr. B — F_y = 35 KSI
   - ANGLES & CHANNELS: ASTM A36 — F_y = 36 KSI
   - PLATES & BARS: ASTM A36 — F_y = 36 KSI
2. ACI, AISC AND AWS SPECIFICATIONS SHALL GOVERN ALL PHASES OF FABRICATION AND CONSTRUCTION.
3. STRUCTURAL BOLTS SHALL BE ASTM F3125, GRADE A325. ALL ANCHOR RODS SHALL BE AS NOTED IN THE ANCHOR ROD SCHEDULE.
4. ALL WELDS SHALL BE E70XX, UNLESS NOTED OTHERWISE OR UNLESS REQUIRED FOR SPECIAL CONNECTIONS.
5. WELDING OF STRUCTURAL MEMBERS SHALL BE PERFORMED BY CERTIFIED WELDERS AND WELDING SHALL BE IN ACCORDANCE WITH "STRUCTURAL WELDING CODE" OF THE AMERICAN WELDING SOCIETY (AWS D1.1).
6. DETAILS OUTLINE BASIC CONNECTION TYPES. NON-COMPOSITE BEAM TO BEAM AND BEAM TO COLUMN CONNECTIONS NOT DETAILED IN DRAWINGS SHALL BE SIZED BY STEEL DETAILER AS STANDARD AISC, TYPE 2, BEARING CONNECTIONS CAPABLE OF SUPPORTING REACTIONS DEVELOPED BY MAXIMUM UNIFORM LOAD CAPACITY ON A SIMPLE SPAN FOR BEAM TO BEAM SPAN GIVEN.
7. ALL BOLTED CONNECTIONS SHALL BE SNUG-TIGHTENED JOINTS UNLESS NOTED OTHERWISE.
8. ALL STRUCTURAL STEEL CONSTRUCTION SHALL BE INSPECTED AND TESTED IN ACCORDANCE WITH THE SPECIAL INSPECTION NOTES.

ANCHOR ROD SCHEDULE

MARK	DIAMETER	EMBEDMENT[2]	PROJECTION[4]	GRADE[7]	CIP or EPOXY[8,9]
A1	½"	8"	4"	ASTM F1554 Gr. 36	HILTI HIT-HY 200 -A



ANCHOR ROD
NTS

NOTES:
1. SEE STRUCTURAL STEEL NOTES FOR ADDITIONAL INFORMATION.
2. EMBEDMENT DEPTH IS MEASURED FROM COLUMN BEARING ELEVATION, UNLESS NOTED OTHERWISE.
3. ALTERNATIVELY, NUT AT BOTTOM OF EMBEDMENT MAY BE SECURED WITH A DOUBLE JAM NUT OR BY FOULING THE THREADS ABOVE AND BELOW.
4. PROJECTION IS MEASURED FROM COLUMN BEARING ELEVATION, UNLESS NOTED OTHERWISE.
5. SEE DETAILS FOR GROUT THICKNESS UNDER BASE PLATE, IF APPLICABLE.
6. ALTERNATE FASTENER GRADES MAY BE USED IF APPROVED IN WRITING BY THE ENGINEER.
7. RODS WITH "GRADE (S1)" REQUIRE S1 SUPPLEMENT FOR WELDABILITY.
8. RODS NOTED "CAST-IN-PLACE" SHALL NOT BE INSTALLED WITH EPOXY, UNLESS APPROVED IN WRITING BY THE ENGINEER.
9. SEE EPOXY MANUFACTURER'S PUBLISHED DOCUMENTATION FOR ADDITIONAL INSTALLATION INFORMATION AND LIMITATIONS.
10. SEE TABLE 14-2 IN THE AISC STEEL CONSTRUCTION MANUAL (15th Ed.) FOR RECOMMENDED WASHER SIZES.
11. FOR CONDITIONS OUTSIDE THE SCOPE OF THIS SCHEDULE, CONTACT ENGINEER FOR ADDITIONAL GUIDANCE.

SPECIAL INSPECTION NOTES

1. SPECIAL INSPECTIONS SHALL BE REQUIRED IN ACCORDANCE WITH CHAPTER 17 OF THE IBC REFERENCED IN THE LOAD TABLE. THE OWNER SHALL EMPLOY A THIRD PARTY TESTING AGENCY FOR ALL TESTING STATED HEREIN. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INSPECTIONS WITH SAID INSPECTION AGENCY.
2. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE TO PERFORM THE REQUIRED INSPECTION TO THE SATISFACTION OF THE BUILDING OFFICIAL.
3. THE SPECIAL INSPECTOR SHALL KEEP RECORDS OF INSPECTIONS. INSPECTION REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.
4. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK.
5. A FINAL REPORT OF INSPECTIONS DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES SHALL BE SUBMITTED TO THE OWNER, BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AT THE COMPLETION OF THE STRUCTURAL PORTION OF THE WORK.
6. THE THIRD PARTY TESTING AGENCY SHALL CONTACT THE STRUCTURAL ENGINEER OF RECORD PRIOR TO INITIATION OF CONSTRUCTION.

SOIL TESTING AND INSPECTION

7. SEE FOUNDATION NOTES

CONCRETE CONSTRUCTION INSPECTION

8. INSPECT REINFORCING STEEL PRIOR TO PLACING CONCRETE. CHECK REINFORCING SIZE, SPACING AND LOCATION.
9. CYLINDERS SHALL BE MADE FOR DETERMINING THE CONCRETE STRENGTH FROM EACH CLASS OF CONCRETE TO BE PLACED. SAMPLES SHALL BE TAKEN NOT LESS THAN ONCE A DAY NOR LESS THAN ONCE FOR EACH 150 CUBIC YARDS OF CONCRETE, NOR LESS THAN ONCE FOR EACH 5,000 SQUARE FEET OF SURFACE AREA FOR SLABS OR WALLS.
10. EACH TIME THE CYLINDERS ARE MADE THE SLUMP, AIR CONTENT AND TEMPERATURE OF THE CONCRETE SHALL ALSO BE CHECKED.
11. THE CONTRACTOR'S METHOD OF MAINTAINING THE MINIMUM CURING TEMPERATURE AND CURING TECHNIQUE SHALL BE REVIEWED.

STANDARD ABBREVIATIONS

- # - NUMBER
- @ - AT
- Ø - DIAMETER
- AB - ANCHOR BOLT/ANCHOR ROD
- ADDL - ADDITIONAL
- AFF - ABOVE FINISHED FLOOR
- ALT - ALTERNATE/ALTERNATING
- ARCH - ARCHITECT/ARCHITECTURAL
- BB - BOND BEAM
- BO - BOTTOM OF
- BOF - BOTTOM OF FOOTING /FOUNDATION
- BOS - BOTTOM OF STEEL
- BOT - BOTTOM
- BRG - BEARING
- BTWN - BETWEEN
- CANT - CANTILEVER
- CFS - COLD FORMED STEEL
- CJ - CONTROL JOINT
- CL - CENTER LINE
- CLR - CLEAR
- CMU - CONCRETE MASONRY UNIT
- COL - COLUMN
- CONC - CONCRETE
- CONT - CONTINUOUS
- CTR - CENTER/CENTERED
- DBA/DBAS - DEFORMED BAR ANCHOR(S)
- DBE - DECK BEARING ELEVATION
- DBL - DOUBLE
- DIM/DIMS - DIMENSION(S)
- DL - DEAD LOAD
- DWL/DWLS - DOWEL(S)
- E - SEISMIC LOAD (EARTHQUAKE)
- EA - EACH
- EL - ELEVATION
- EMBED - EMBEDMENT/EMBEDDED
- EOR - ENGINEER OF RECORD
- EPA - EFFECTIVE PROJECTED AREA
- EQ - EQUAL/EQUIV/ALENT
- EQUIP - EQUIPMENT
- EW - EACH WAY
- EXP - EXPANSION
- EXST - EXISTING
- EXT - EXTERIOR
- FDTN - FOUNDATION
- FF EL - FINISHED FLOOR ELEVATION
- FIN - FINISH
- FLR - FLOOR
- FTG - FOOTING
- FV - FIELD VERIFY
- GA - GAUGE/GAGE
- GALV - GALVANIZED
- GEN - GENERAL
- HDR - HEADER
- HI - HIGH
- HORIZ - HORIZONTAL
- ID - INSIDE DIAMETER
- INSUL - INSULATED/INSULATION
- INT - INTERIOR
- JBE - JOIST BEARING ELEVATION
- K - KIPS (1000 LBS)
- L /∠ - ANGLE
- LAT - LATERAL
- LBS - POUNDS
- LL - LIVE LOAD
- LLH - LONG LEG HORIZONTAL
- LLV - LONG LEG VERTICAL
- LO - LOW
- LOC/LOCS - LOCATION(S)
- LONG - LONGITUDINAL
- LSH - LONG SIDE HORIZONTAL
- LSL - LAMINATED STRAND LUMBER
- LSV - LONG SIDE VERTICAL
- LVL - LAMINATED VENEER LUMBER
- MAX - MAXIMUM
- MECH - MECHANICAL
- MEP - MECHANICAL/ELECTRICAL /PLUMBING
- MFR - MANUFACTURER
- MIN - MINIMUM
- MTL - METAL
- NTS - NOT TO SCALE
- OC - ON CENTER
- OD - OUTSIDE DIAMETER
- OH - OVERHEAD/OVERHANG
- OPNG - OPENING
- OPP HAND - OPPOSITE HAND
- OWSJ - OPEN WEB STEEL JOIST
- PAF - POWDER ACTUATED FASTENER
- PED - PEDESTAL
- PEMB - PRE-ENGINEERED METAL BUILDING
- PEWT - PRE-ENGINEERED WOOD TRUSS
- PL - PLATE
- PLCS - PLACES
- PROJ - PROJECTION
- PSL - PARALLEL STRAND LUMBER
- PVMT - PAVEMENT
- QUAD - QUADRUPLE
- REINF - REINFORCEMENT
- REQ/REQD - REQUIRE(S)/REQUIREMENT /REQUIRED
- RL - ROOF LIVE LOAD
- SCHED - SCHEDULE
- SIM - SIMILAR
- SIP/SIPS - STRUCTURAL INSULATED PANEL(S)
- SL - SNOW LOAD
- SQ - SQUARE
- STL - STEEL
- SYMM - SYMMETRICAL
- T&B - TOP & BOTTOM
- TBE - TRUSS BEARING ELEVATION
- TEMP - TEMPORARY/TEMPERATURE
- TO - TOP OF
- TOB - TOP OF BEAM
- TOC - TOP OF CONCRETE
- TOF - TOP OF FOOTING/FOUNDATION
- TOM - TOP OF MASONRY
- TOS - TOP OF STEEL
- TOW - TOP OF WALL
- TRANS - TRANSVERSE
- TRIP - TRIPLE
- TYP - TYPICAL
- UNO - UNLESS NOTED OTHERWISE
- VERT - VERTICAL
- w/ - WITH
- WL - WIND LOAD
- WWR - WELDED WIRE REINFORCEMENT (MESH/FABRIC)

NOTES:
1. NOT ALL ABBREVIATIONS ARE USED ON EACH SHEET. THIS INFORMATION IS FOR REFERENCE ONLY.

REBAR SPLICE & DEVELOPMENT LENGTHS

DEVELOPMENT LENGTHS (IN)

BAR SIZE	STRAIGHT DOWEL TENSION[1] DEVELOPMENT LENGTHS						COMPRESSION DEVELOPMENT LENGTHS
	F'_c = 3000 PSI		F'_c = 3500 PSI		F'_c = 4000 PSI		F'_c = 3000 PSI to 4000 PSI
	TOP	OTHER	TOP	OTHER	TOP	OTHER	ALL
#3	22	17	20	16	19	15	9
#4	29	22	27	21	25	19	11
#5	36	28	33	26	31	24	14
#6	43	33	40	31	37	29	17

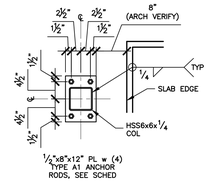
LAP SPLICE LENGTHS (IN)

BAR SIZE	TENSION SPLICE LENGTHS[1,2] (CLASS B)						COMPRESSION SPLICE LENGTHS
	F'_c = 3000 PSI		F'_c = 3500 PSI		F'_c = 4000 PSI		F'_c = 3000 PSI to 4000 PSI
	TOP	OTHER	TOP	OTHER	TOP	OTHER	ALL
#3	28	22	26	20	24	19	12
#4	37	29	35	27	32	25	15
#5	47	36	43	33	40	31	19
#6	56	43	52	40	48	37	23

NOTES:
1. LAP SPLICE LENGTHS ARE BASED ON THE ASSUMPTION THAT BARS ARE IN CONTACT ALONG THE FULL LENGTH OF THE SPLICE.
2. TOP BARS ARE HORIZONTAL BARS PLACED WITH AT LEAST 12" OF FRESH CONCRETE PLACED UNDER THE BARS.
3. NORMAL WEIGHT CONCRETE & UNCOATED BARS ARE ASSUMED.
4. CLEAR SPACING OF BARS BEING DEVELOPED MUST BE AT LEAST 2 TIMES THE BAR DIAMETER, CLEAR COVER MUST BE AT LEAST THE BAR DIAMETER.

BASE PLATE SCHEDULE

NOTE: SEE PLAN FOR COL ORIENTATION



TYPE B1 BASE PL
¾"= 1'-0"

LINTEL SCHEDULE

WALL TYPE	UP TO 4'-0" OPENING	4'-1" TO 6'-4" OPENING	6'-5" TO 10'-0" OPENING
VENEER	L3½x3½x¼	L5x3½x5/16 (LLV)	L6x3½x5/16 (LLV)

NOTES:
1 STEEL LINTELS, IF USED, SHALL HAVE 8" BEARING ⊕ EA END MIN
2. ALL STEEL LINTELS SHALL BE GALVANIZED

J. TRAVIS MILLER- ENGINEER
ARKANSAS LICENSE #11418

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11418

Digitally signed by Jerry Travis Miller
Date: 2025.03.26 09:54:59-05'00'

CERTIFICATE OF AUTHORIZATION
MILLER ENGINEERING
No. 1486
ARKANSAS ENGINEERING

U STORAGE
ELMHURST DRIVE
JONESBORO, AR

Burris Architecture
820 Tiger Blvd Bentonville, Ar 72712
479 319 6045

DATE: 03/21/25
JOB NO.: 13639
DRAWN: D. ADAMS
CHECKED: T. MILLER
REVISIONS:

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417.866-6664 P
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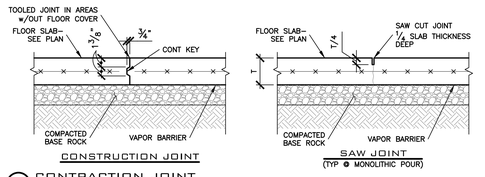
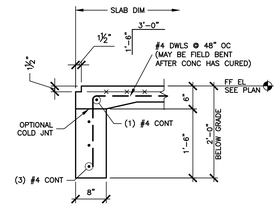
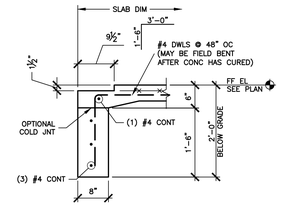
GENERAL NOTES



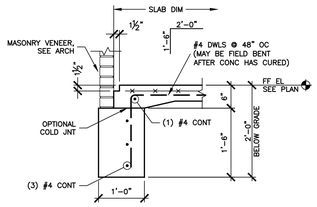
1 CONTRACTION JOINT
NTS



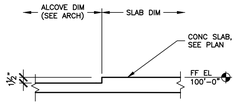
2 SLAB EDGE @ END WALLS
¾"= 1'–0"



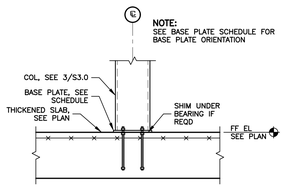
3 SLAB EDGE @ OH DOORS
¾"= 1'–0"



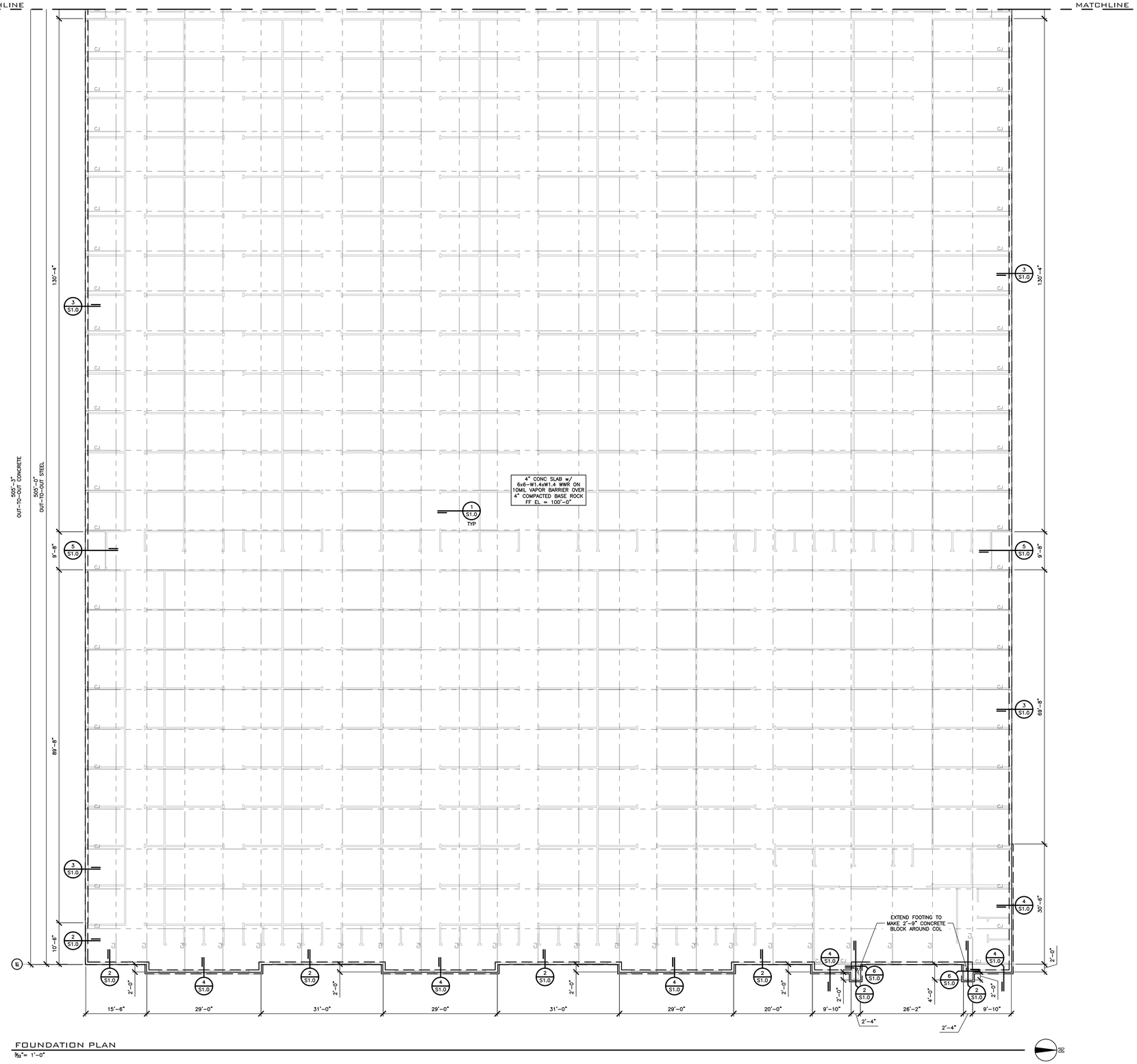
4 SLAB EDGE @ VENEER
¾"= 1'–0"



5 SLAB NOTCH @ ALCOVE
¾"= 1'–0"



6 TYP COL ANCHORAGE
¾"= 1'–0"



FOUNDATION PLAN
3/32"= 1'–0"

J. TRAVIS MILLER- ENGINEER
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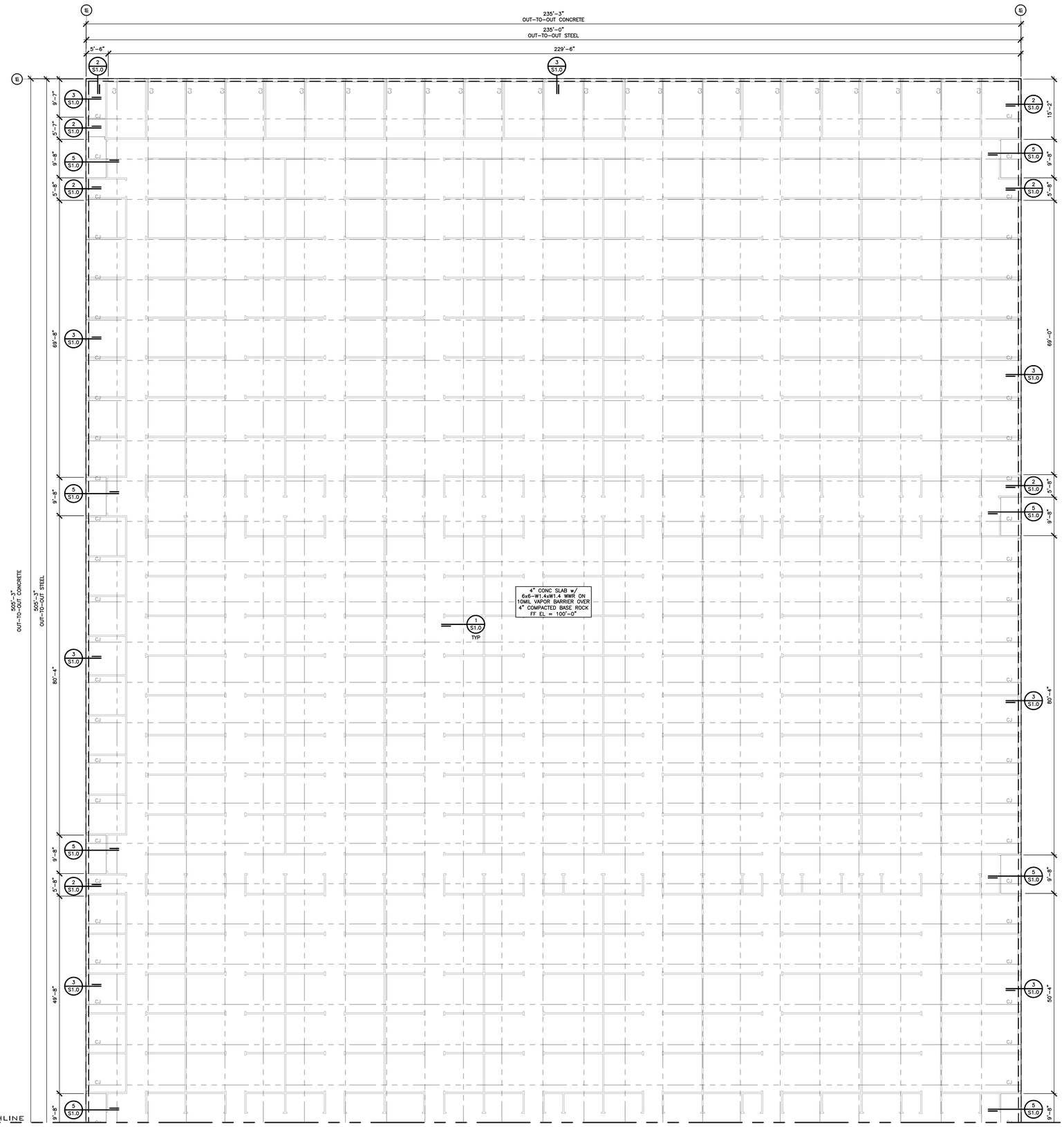
U STORAGE
ELMHURST DRIVE
JONESBORO, AR

Burris Architecture
820 Tiger Blvd Bentonville, Ar 72712
479.315.6045

DATE: 03/21/25
JOB NO. 13639
DRAWN: D. ADAMS
CHECKED: T. MILLER
REVISIONS

MILLER ENGINEERING
3831 S TIMBERCREEK AVE, STE A
SPRINGFIELD, MO 65807-5685
417.866-6664 P
417.866-6667 F
e-mail: info@millerstructures.com
structural • forensic • building enclosure

S1.0
FOUNDATION PLAN & DETAILS



FOUNDATION PLAN

3/32"= 1'-0"

J. TRAVIS MILLER- ENGINEER
ARKANSAS LICENSE #11418

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11418

Digitally signed by Jerry Travis Miller
Date: 2025.03.26 08:55:00-05'00'

CERTIFICATE OF AUTHORITY
MILLER ENGINEERING
No. 1486
ARKANSAS ENGINEER

U STORAGE
ELMHURST DRIVE
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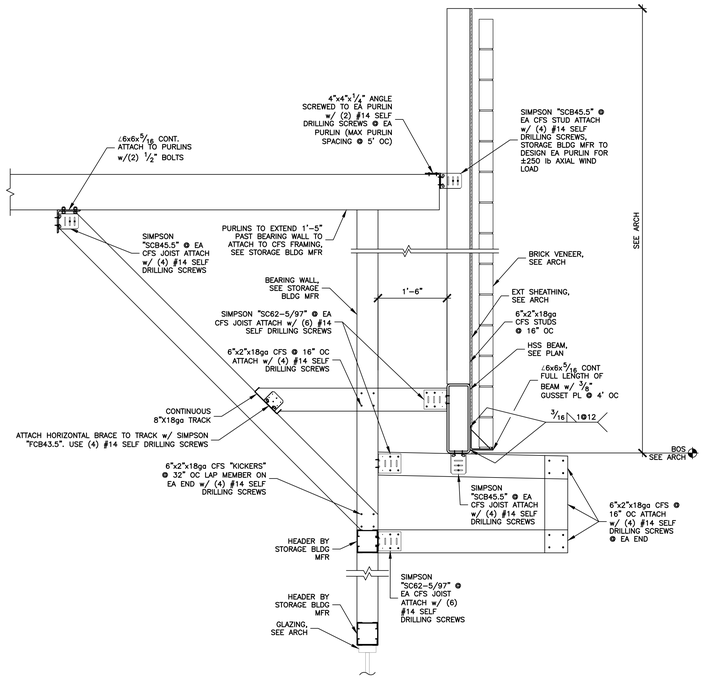
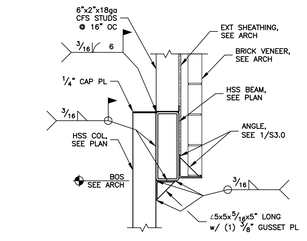
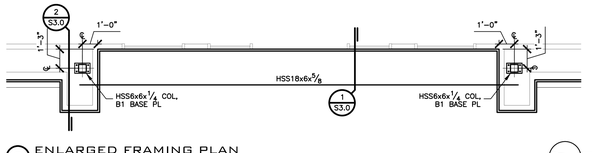
S1.1
FOUNDATION PLAN



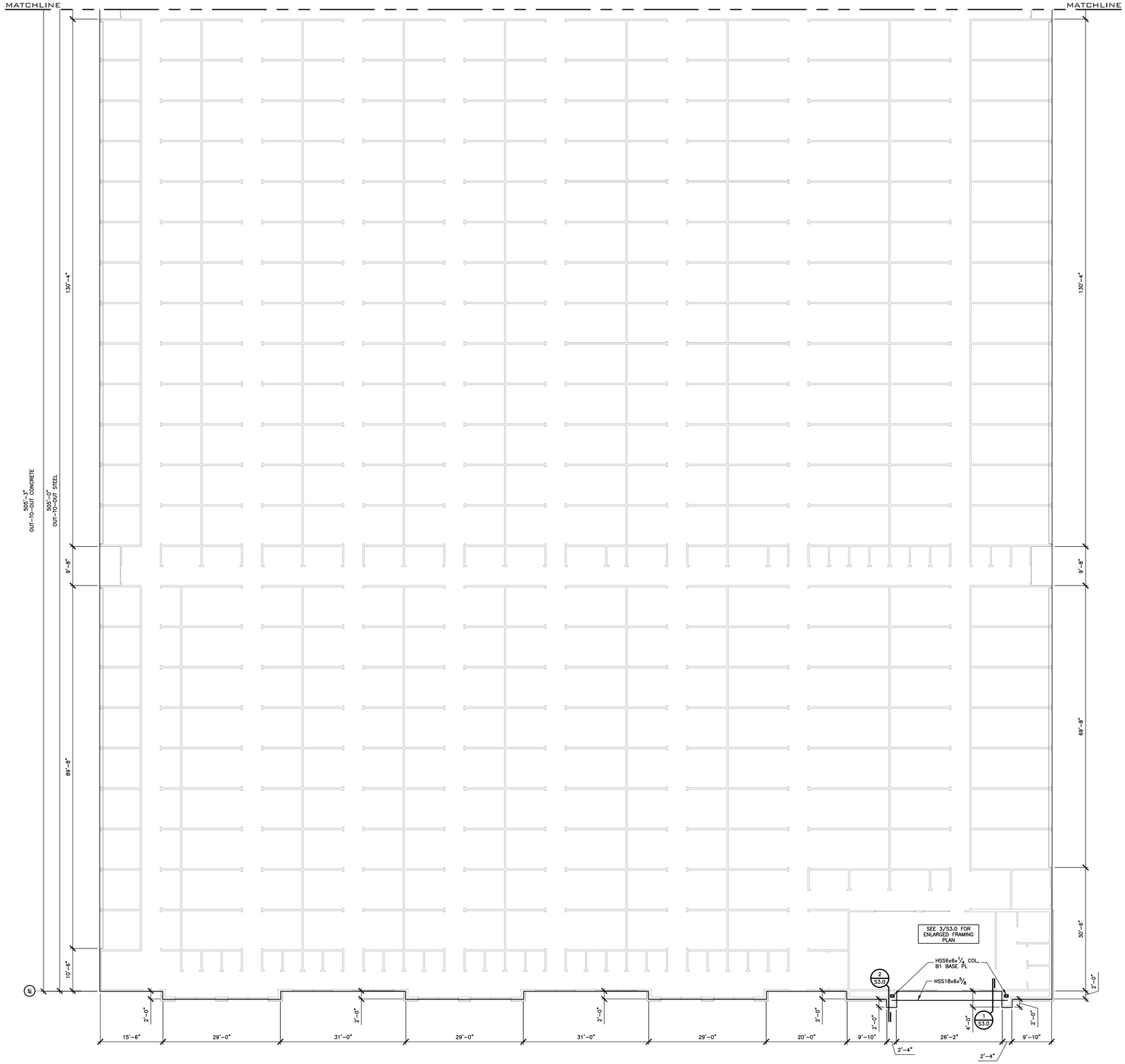
1 HSS BRICK LEDGE
3/4"= 1'-0"



2 HSS BEAM TO COLUMN
3/4"= 1'-0"



3 ENLARGED FRAMING PLAN
1/4"= 1'-0"



FRAMING PLAN
3/32"= 1'-0"

J. TRAVIS MILLER- ENGINEER
ARKANSAS LICENSE #11418

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REGISTERED PROFESSIONAL ENGINEER
No. 11418

Digitally signed by Jerry Travis Miller
Date: 2025.03.26 08:55:01-05'00'

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S3.0
FRAMING PLAN & DETAILS

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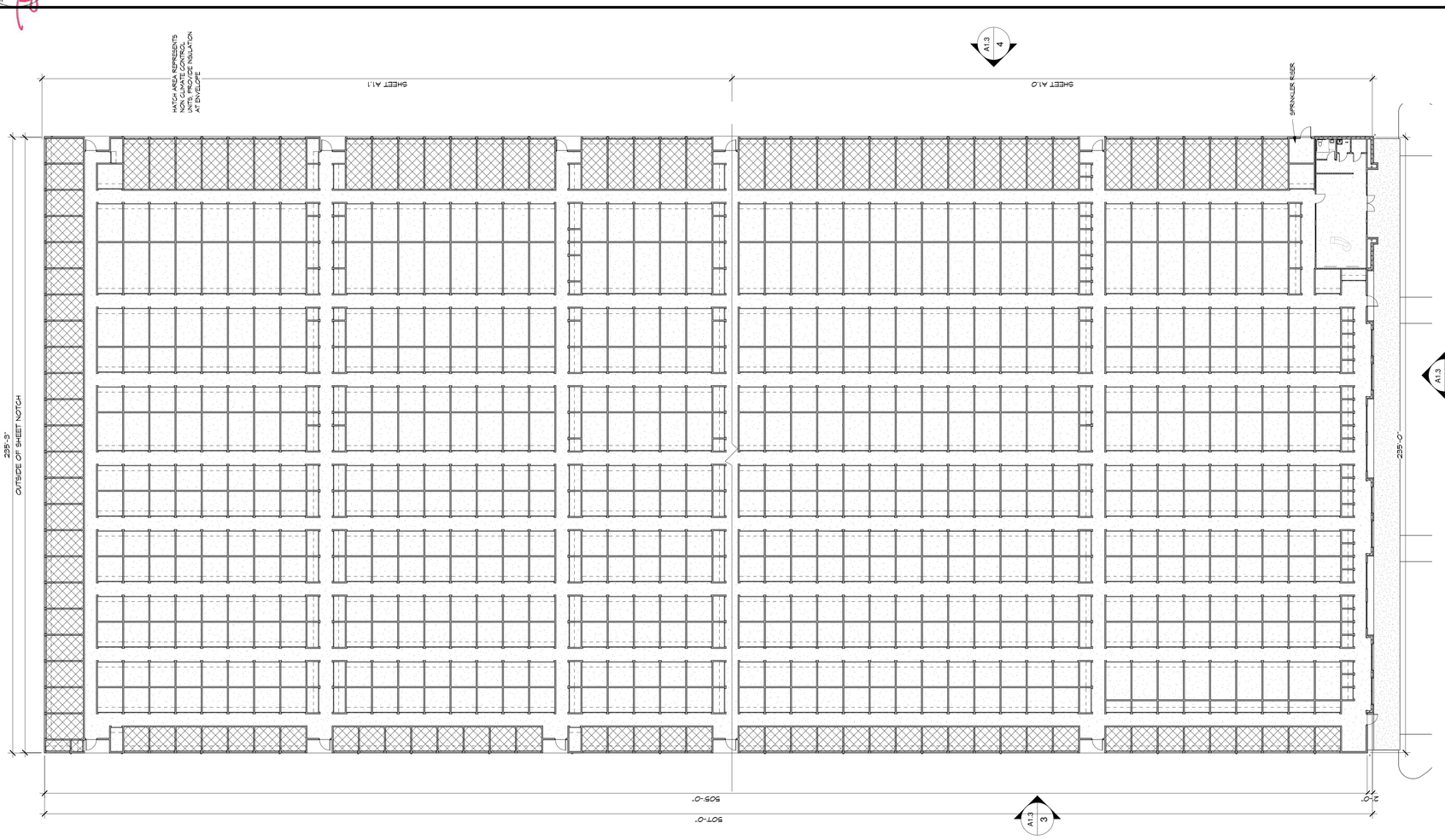
ELMHURST DRIVE
JONESBORO, AR

DATE 3-21-25
JOB NO. 24049
REVISIONS

A0.2
KEY PLAN

Registered Architect
David Paul Burris
No. 4116
Arkansas
3-21-25

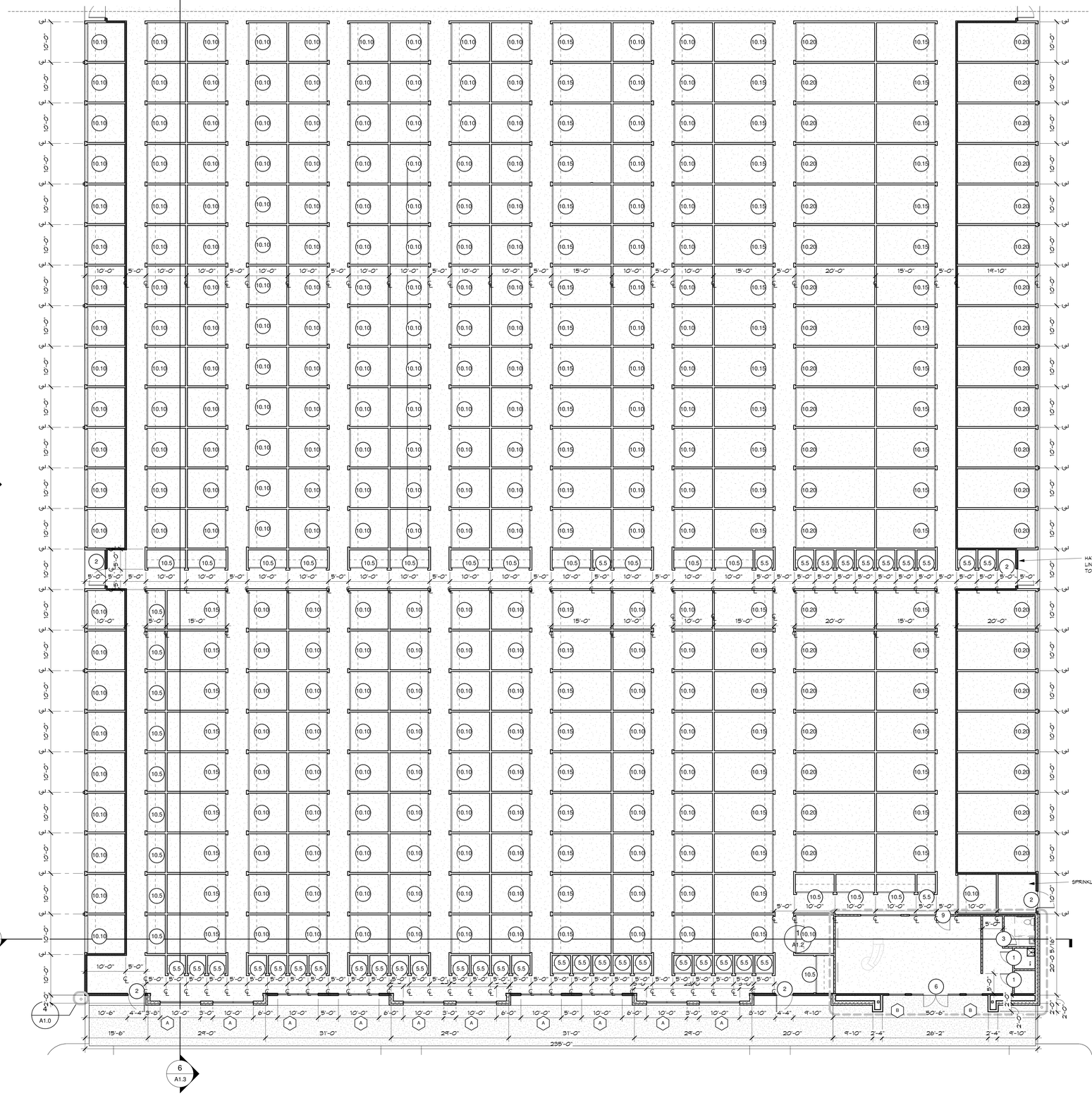


1 FIRST FLOOR PLAN
1" = 20'-0"

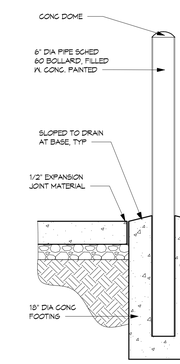
3-21-25

Registered Architect
David Paul Burris
No. 4116
Arkansas

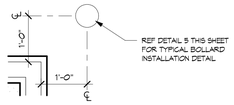
MATCH LINE



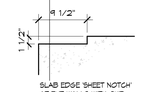
1 *FIRST FLOOR PLAN*
3/32" = 1'-0"



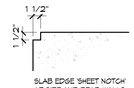
5 *BOLLARD*
3/4" = 1'-0"



4 *TYPICAL BOLLARD PLACEMENT*
3/4" = 1'-0"



3 *9-1/2" SLAB EDGE DETAIL*
1" = 1'-0"



2 *1-1/2" SLAB EDGE DETAIL*
1" = 1'-0"

UNIT MATRIX - GROUND FLOOR

Type Comments	Count
5'X5' UNIT	56
10'X5' UNIT	84
10'X10' UNIT	456
10'X15' UNIT	160
10'X20' UNIT	81
Grand total: 842	

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A1.0
FIRST FLOOR PLAN LOWER

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A1.1
FIRST FLOOR PLAN
UPPER

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No. 4116
Arkansas
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1 FLOOR PLAN
1" = 10'-0"

HATCHED WALL INDICATES LINE OF INSULATION IN WALL TO DECK

MATCH LINE

OUTSIDE OF SHEET NOTCH
235'-3"
235'-0"

A1.3
2

235'-0"

GENERAL ROOF NOTES

1. INSTALL PER MANUFACTURER RECOMMENDATIONS.
2. INSTALL ICE AND WATER SHIELDS IN ALL VALLEYS.

CEILING LEGEND

- 2 X 2 LAYN CEILING
- GWB
- METAL SOFFIT

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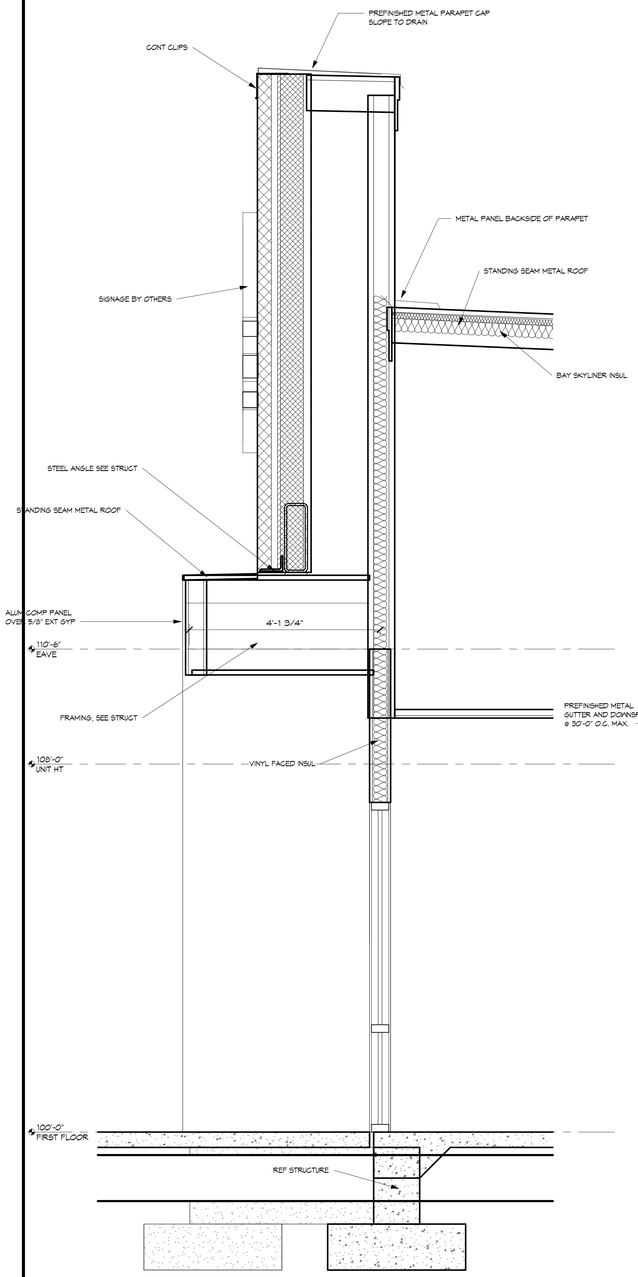
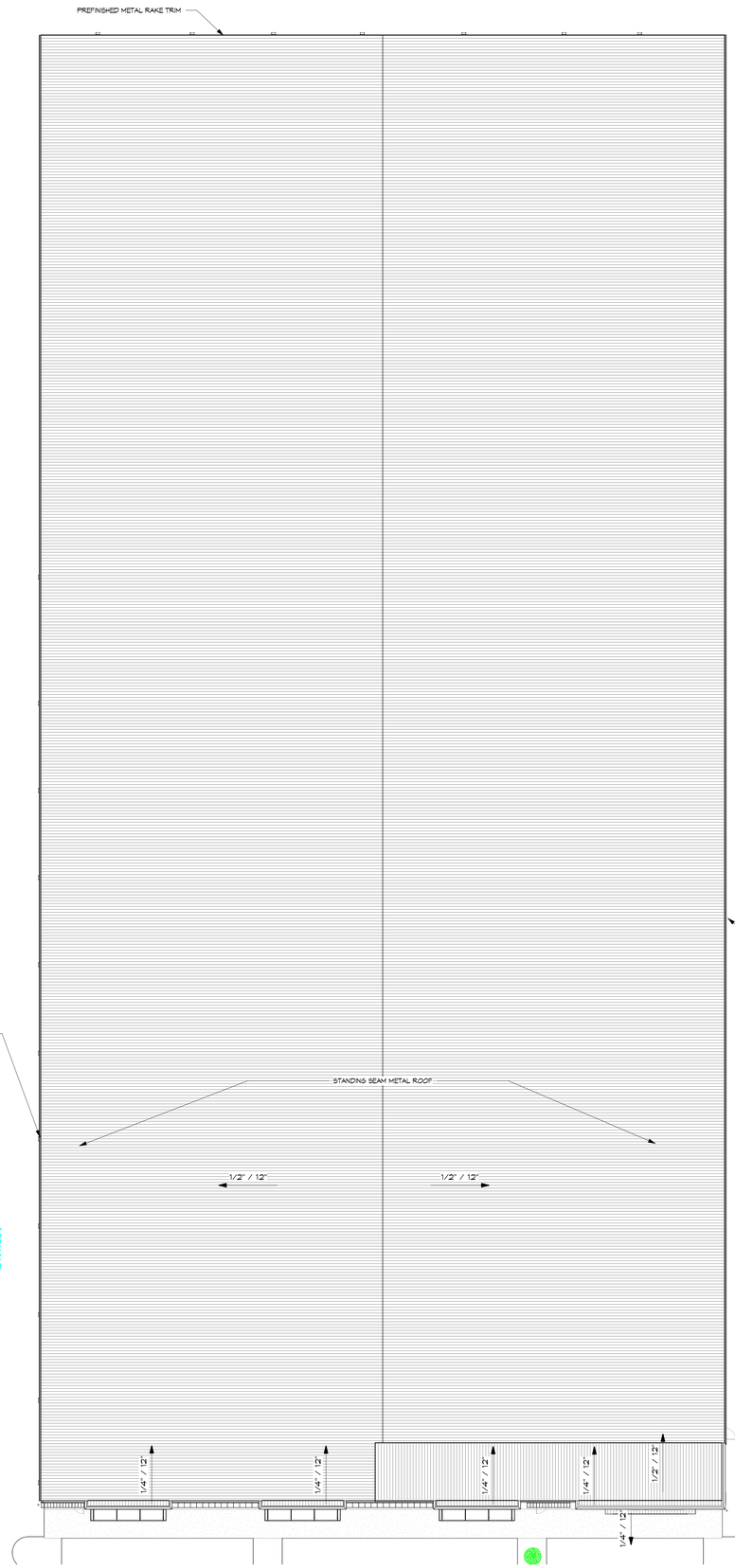
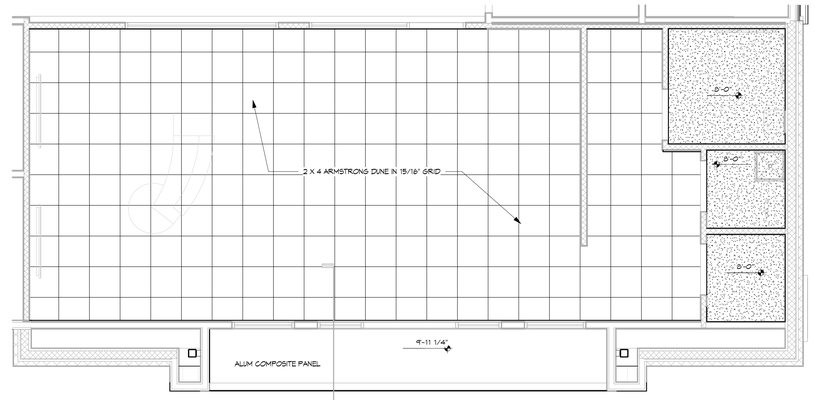


5 Section 15
3/4" = 1'-0"

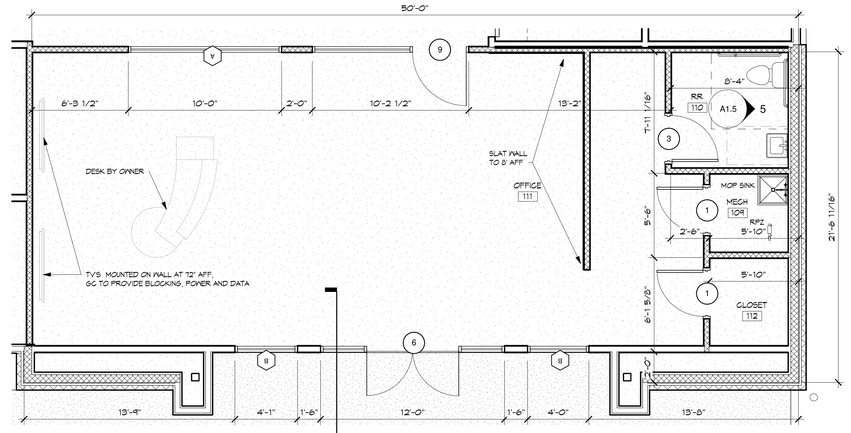


3 ROOF PLAN
1" = 20'-0"



5
A1.2

2 REFLECTED CEILING PLAN
1/4" = 1'-0"



5
A1.2

1 ENLARGED OFFICE PLAN
1/4" = 1'-0"

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JONESBORO, AR

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24049
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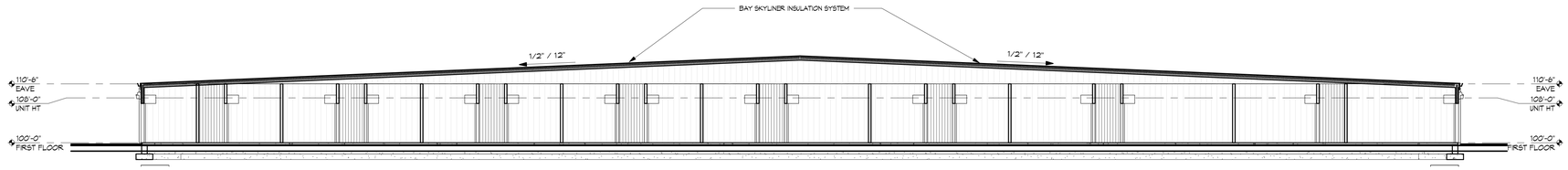
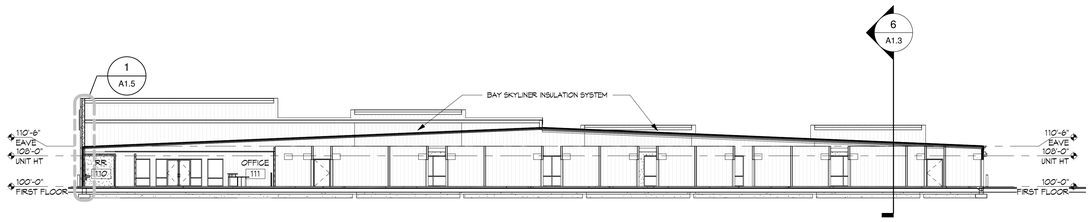
A1.2
ENLARGED OFFICE PLAN, RCP & ROOF PLAN



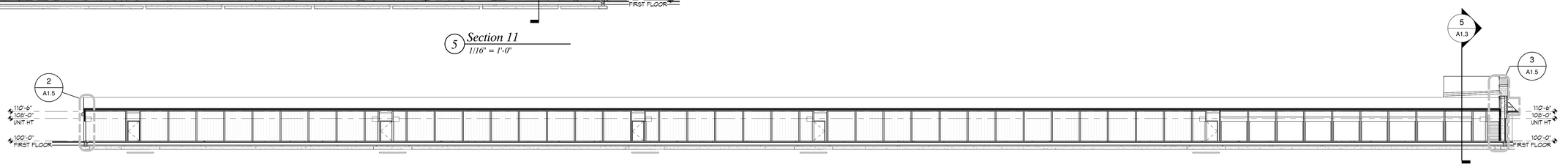
8 *Section 14*
1" = 10'-0"

EXTERIOR FINISH LEGEND

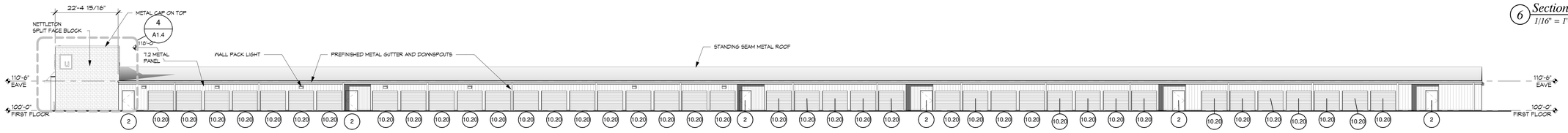
SPLIT FACE	NETTLETON SPLIT FACE BLOCK - ANTIQUE WHITE
ALUMINUM COMPOSITE METAL PANEL	COLOR RED
METAL PANEL	7.2 - CHARCOAL
	7.2 - RED
GUTTERS DOWNSPOUTS RAKE	BLACK



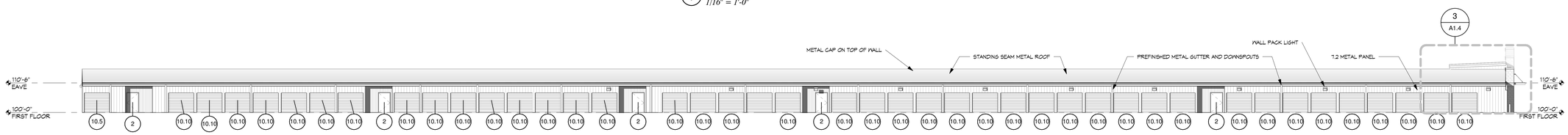
5 *Section 11*
1/16" = 1'-0"



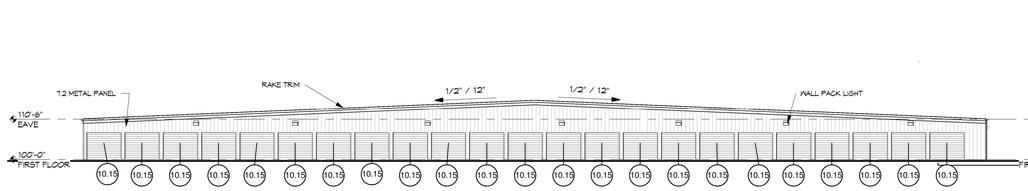
6 *Section 12*
1/16" = 1'-0"



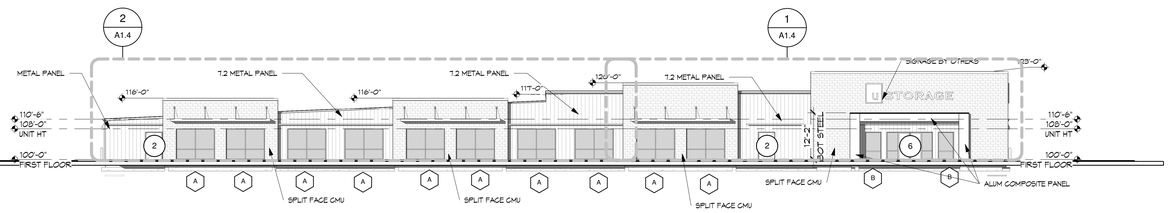
4 *NORTH ELEVATION*
1/16" = 1'-0"



3 *SOUTH ELEVATION*
1/16" = 1'-0"



2 *WEST ELEVATION*
1/16" = 1'-0"



1 *EAST ELEVATION*
1/16" = 1'-0"

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JONESBORO, AR

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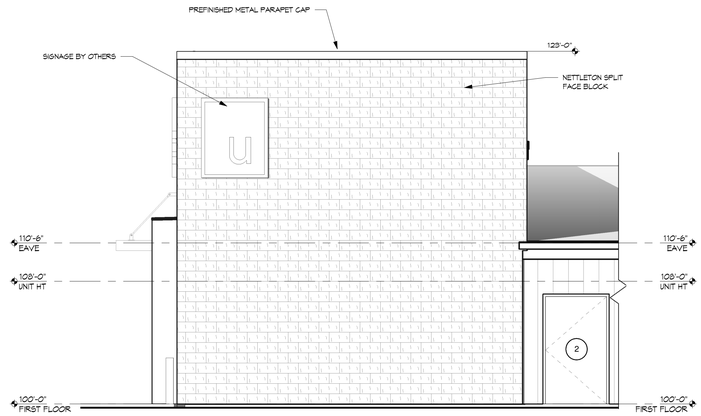
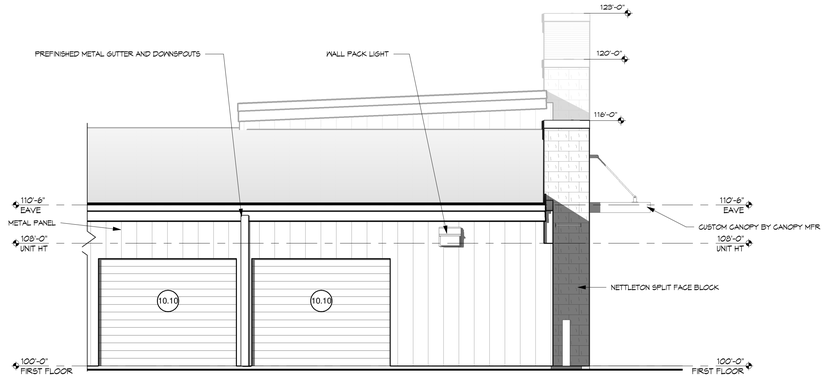
24049
REVISIONS

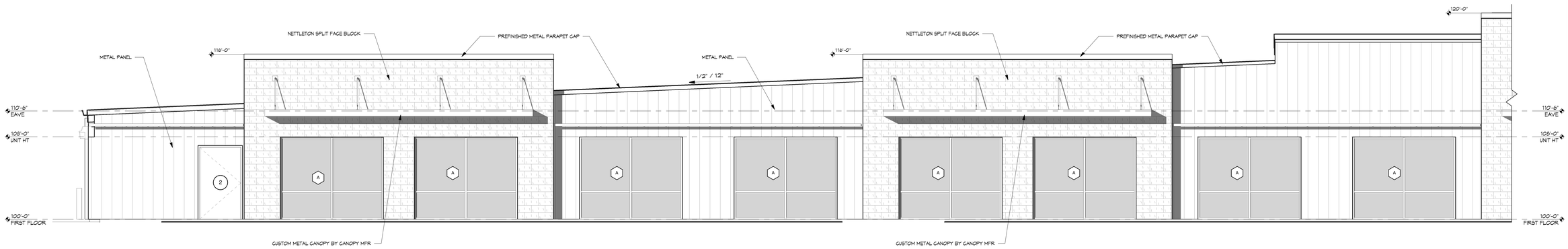
A1.3
ELEVATIONS & SECTIONS



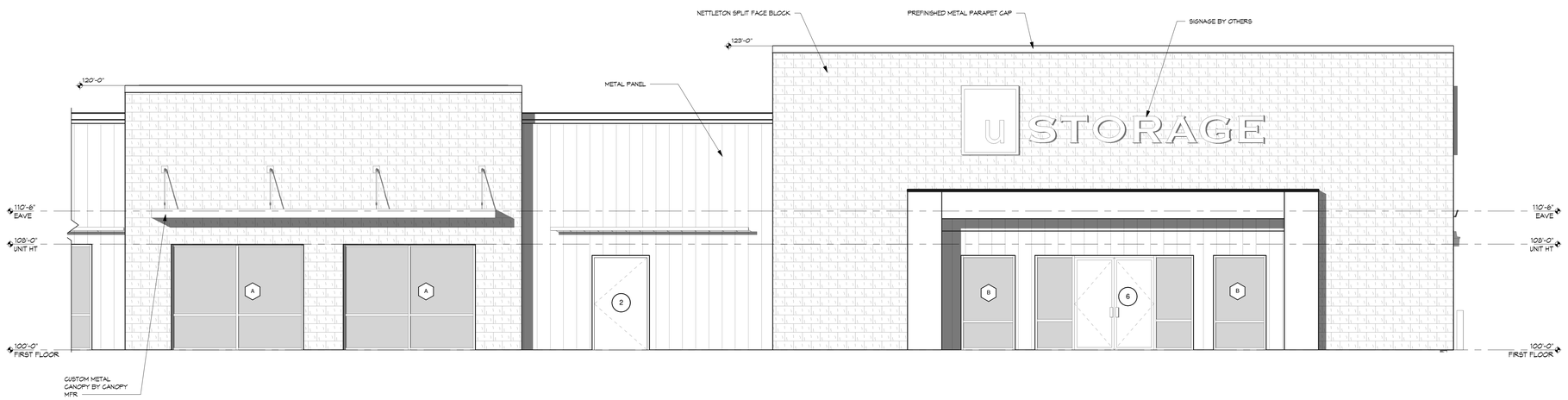
4 *WEST ELEVATION - Callout 1*
1/4" = 1'-0"



3 *EAST ELEVATION - Callout 1*
1/4" = 1'-0"



2 *NORTH ELEVATION - Callout 1*
1/4" = 1'-0"



1 *NORTH ELEVATION - Callout 2*
1/4" = 1'-0"

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JONESBORO, AR

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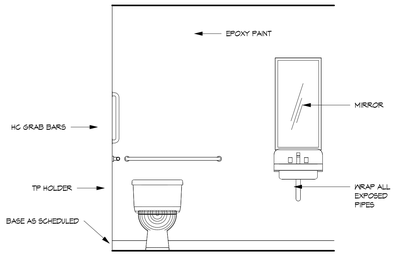
A1.4
ENLARGED ELEVATIONS



5 *RESTROOM*
1/2" = 1'-0"

LOCK SETS:

SET 1 - KEYED, PUSH PAD EXIT DEVICE, CLOSER, HC ALUM. THRESHOLD

SET 2 - KEYED

SET 3 - PRIVACY

SET 4 - PASSAGE

SET 5 - OHD HARDWARE PROVIDED BY OHD MANUFACTURER

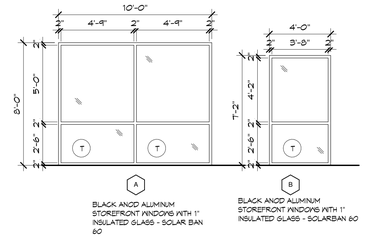
SET 6 - KEYED, PUSH PAD EXIT DEVICE, 1 LEAF. TOP & BOTTOM INSET BOLT W/ NO HARDWARE 2ND LEAF. CLOSER.

SET 7 - HOLD OPENS, FIRE LINK

NOTES:

1. ALL HARDWARE TO BE LEVER ACTION W/ A BRUSHED CHROME FINISH -
2. ALL CLOSERS TO MEET ADA REQUIREMENTS
3. ALL ALUM. DOOR FRAMES ARE TO BE BLACK ANODIZED ALUM. FINISH

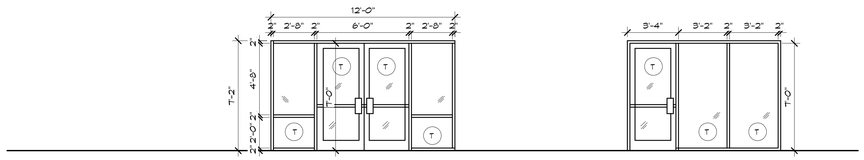
NOTE: COMPLETE ALL HARDWARE WITH NECESSARY HARDWARE INCLUDING HINGES AND DOOR STOPS

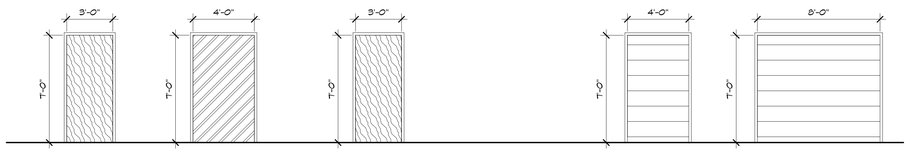


4 *WINDOW ELEVATIONS*
1/4" = 1'-0"

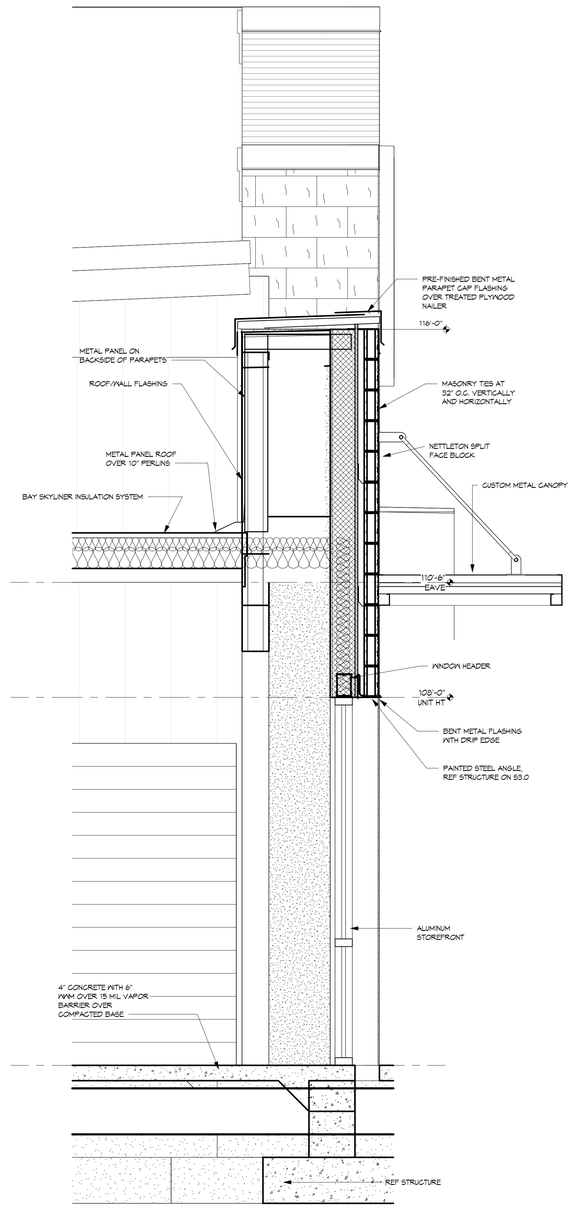
Door Schedule

Type Mark	DOOR WIDTH	DOOR HEIGHT	ELEVATION	DOOR FRAME TYPE	DOOR TYPE	HARDWARE SET	NOTES	Count	Type Comments
1	3'-0"	7'-0"	1	HM	IHM	4		2	
2	4'-0"	7'-0"	2	HM	I HM	1		13	
3	3'-0"	7'-0"	3	HM	SCN	3	PRIVACY LOCK	1	
5.5	4'-0"	7'-0"	5	<varies>	OHD	5		56	5'X5' UNIT
6	6'-0"	7'-0"	6	ALUM	ALUM/GLASS	6		1	
9	3'-6"	7'-0"	9	ALUM	ALUM/GLASS	2		1	
10.5	9'-0"	7'-0"	10	<varies>	OHD	5		89	10'X5' UNIT
10.10	9'-0"	7'-0"	10	<varies>	OHD	5		456	10'X10' UNIT
10.15	9'-0"	7'-0"	10	<varies>	OHD	5		160	10'X15' UNIT
10.20	9'-0"	7'-0"	10	<varies>	OHD	5		81	10'X20' UNIT

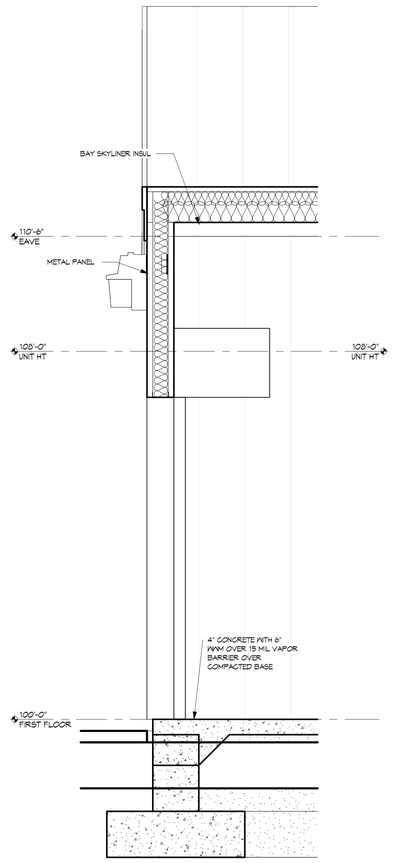




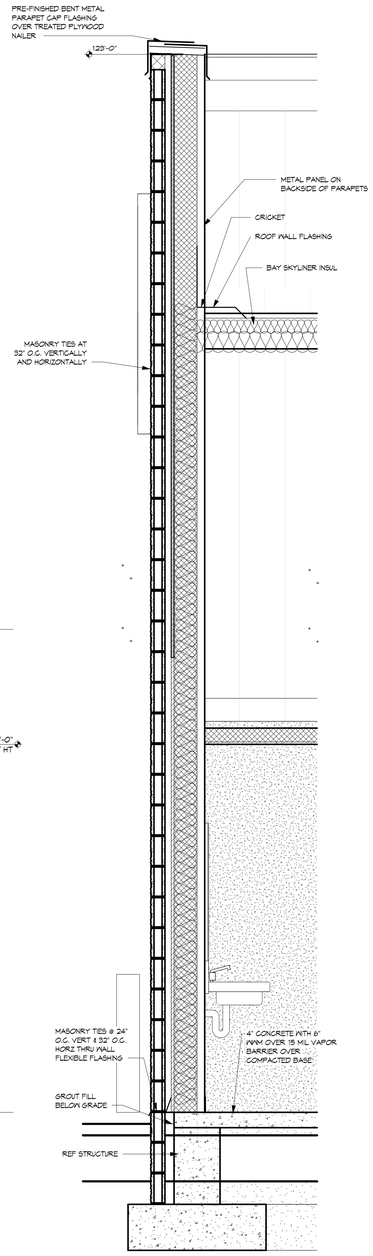
6 *DOOR ELEVATIONS*
1/4" = 1'-0"



3 *Section 12 - Callout 2*
3/4" = 1'-0"



2 *Section 12 - Callout 1*
3/4" = 1'-0"



1 *Section 11 - Callout 1*
3/4" = 1'-0"

3-21-25
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U STORAGE
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JOB NO. 24049
REVISIONS

A1.5
WALL SECTIONS & SCHEDULES

3-21-25
Registered Architect
David Paul Burris
No. 4116
Arkansas

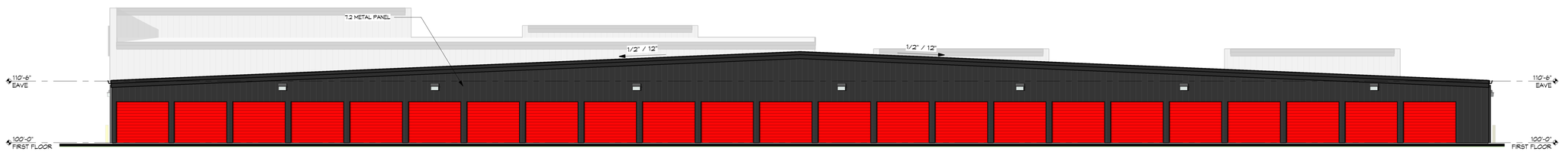
EXTERIOR FINISH LEGEND	
SPLIT FACE	NETTLETON SPLIT FACE BLOCK - ANTIQUE WHITE
ALUMINUM COMPOSITE METAL PANEL	COLOR: RED
METAL PANEL	REVERSE MLOCK - CHARCOAL
GUTTERS DOWNSPOUTS RAKE	BLACK

SPLIT FACE BLOCK: 19%
METAL COLOR: 73%
METAL RED: 8%

3 NORTH ELEVATION COLOR
1/16" = 1'-0"

SPLIT FACE BLOCK: 2%
METAL COLOR: 90%
METAL RED: 8%

4 SOUTH ELEVATION COLOR
1/16" = 1'-0"



METAL PANEL: 100%

2 WEST ELEVATION COLOR
1/8" = 1'-0"

SPLIT FACE BLOCK: 30%
METAL COLOR: 65%
METAL RED: 5%
GLASS: 2%

1 EAST ELEVATION COLOR
1/8" = 1'-0"

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JONESBORO, AR

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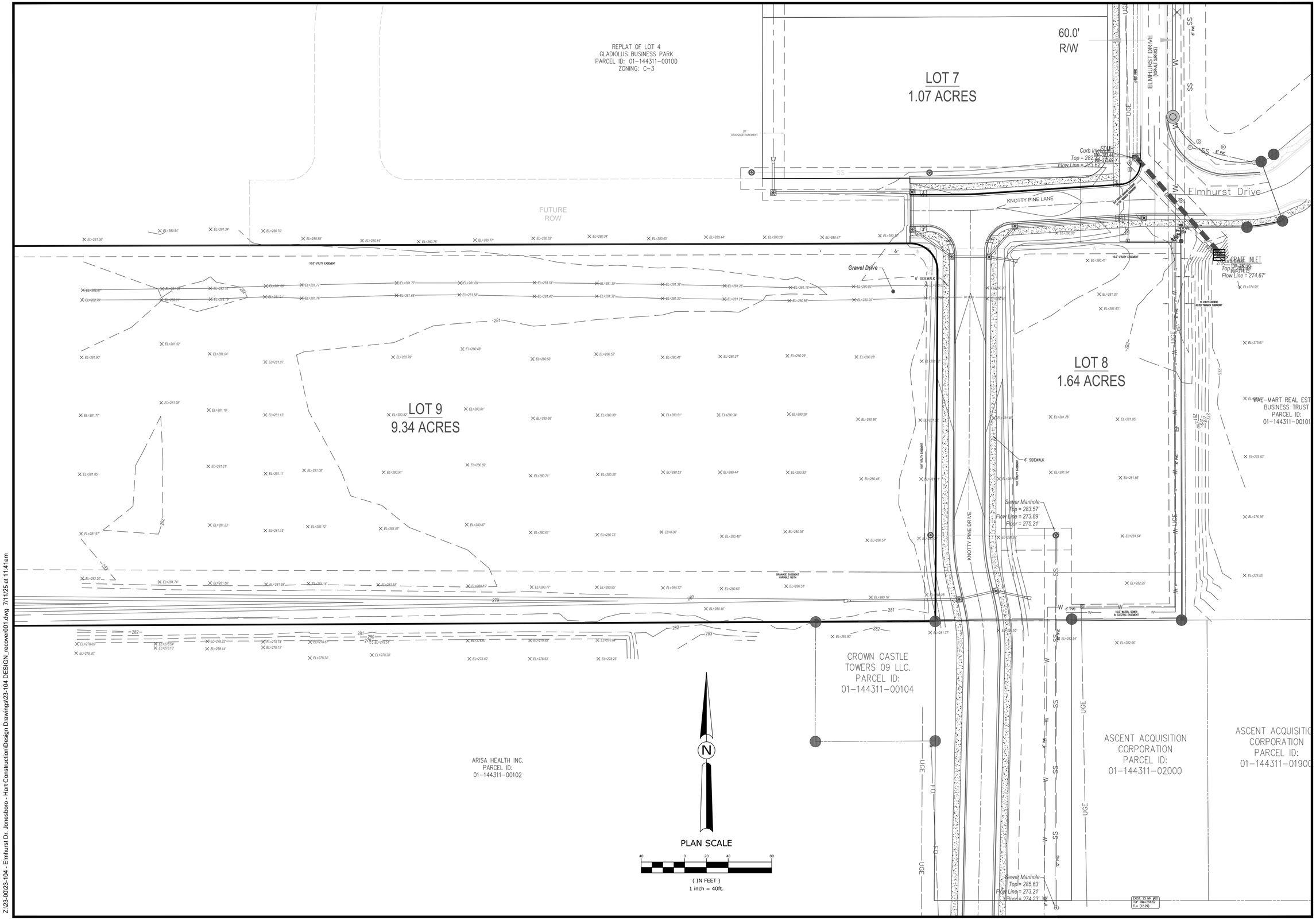
A1.6
COLOR ELEVATIONS



Z:\23-0023-104 - Elmhurst Dr. Jonesboro - Hart Construction\Design Drawings\23-104 DESIGN_recover001.dwg 7/11/25 at 11:41am

DAVIDSON ENGINEERING

210 W. ARCH AVE., STE. D
SEARCY, AR 72143
TEL 501.388.2178

ELMHURST DRIVE-STORAGE FACILITY
HART CONSTRUCTION
JONESBORO, ARKANSAS

NO.	DATE	REVISIONS DESCRIPTION

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
BRADEN COLE DAVIDSON
No. 19096
11/7/2024

ORIGINAL SIGNATURE ON FILE

TOPOGRAPHIC SURVEY

PROJECT ENG:	DRAWN BY :
BCD	JGB
DATE: NOV 2024	
SCALE: 1" = 40'	JOB NUMBER: DE 23-104

C1.0

GENERAL DEMOLITION NOTES

1. ALL AREAS WITHIN THE LIMITS OF DISTURBANCE TO BE DEMOLISHED AND REMOVED UNLESS OTHERWISE NOTED ON THIS PLAN.
2. THE CONTRACTOR IS REQUIRED TO NOTIFY THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS PRIOR TO EXCAVATING IN ORDER THAT UNDERGROUND UTILITIES IN THE AREA CAN BE LOCATED.
3. THIS PLAN SHOULD BE USED IN CONJUNCTION WITH THE TOPOGRAPHICAL SURVEY FOR REFERENCE. THE LOCATION OF KNOWN SUBSURFACE STRUCTURES, PIPES, POWER, GAS, PHONE, ETC. ARE SHOWN ON THE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING INFORMATION AND SATISFYING HIMSELF TO AS TO THE LOCATION OF THE AFOREMENTIONED ITEMS, SHOWN AND NOT SHOWN. ALL REPAIRS OR RELOCATIONS NECESSARY SHALL BE MADE AS REQUIRED BY THE OWNER OF THE UTILITY OR STRUCTURE. THE COST OF SUCH REPAIRS OR RELOCATIONS NECESSARY SHALL BE BORNE BY THE CONTRACTOR.
4. CONTRACTOR SHALL DISPOSE OF ALL MATERIALS RESULTING FROM DEMOLITION IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS THAT GOVERN SUCH OPERATIONS.
5. ALL ABANDONED SERVICE LINES SHALL BE DISCONNECTED AND CAPPED PER UTILITY COMPANIES REQUIREMENTS. COORDINATE ALL DISCONNECTIONS WITH UTILITY COMPANIES.
6. CONTRACTOR IS TO BRING TO THE ATTENTION OF THE CIVIL ENGINEER ANY AREA OF DEMOLITION IN QUESTION BEFORE PROCEEDING WITH WORK.
7. CONTRACTOR TO REVIEW AND COORDINATE DEMOLITION LIMITS WITH PROPOSED CONSTRUCTION PLANS.
8. EXISTING CLEAN TOPSOIL TO BE STOCKPILED FOR FUTURE USE ON THIS SITE AND IS TO BE COORDINATED BY THE GENERAL CONTRACTOR.
9. ALL EXISTING WATER, GAS AND / OR ELECTRICAL METERS AS NOTED TO BE REMOVED WITHIN THE PROJECT AREA ARE TO BE RETURNED TO THE APPROPRIATE AUTHORITY.
10. AT ALL LOCATIONS WHERE NEW ASPHALT PAVING, CONCRETE PAVING, CURB AND GUTTER, SIDEWALK OR TRAIL IS TO BE INSTALLED ADJACENT TO EXISTING PAVING OR CONCRETE THAT IS TO REMAIN, CONTRACTOR SHALL SAWCUT A CLEAN LINE.
11. THE CONTRACTOR IS REQUIRED TO NOTIFY THE ONE CALL CENTER AT 811 AT LEAST 48 HOURS PRIOR TO DIGGING IN ORDER THAT UNDERGROUND UTILITIES IN THE AREA CAN BE LOCATED.

GENERAL EROSION CONTROL NOTES

1. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AND CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DIRECTED BY PERMITTING AGENCY AND OWNER OR AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
2. PERMIT FOR ANY CONSTRUCTION ACTIVITY MUST BE MAINTAINED ON SITE AT ALL TIMES.
3. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
4. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
5. ALL WASH WATER SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
6. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
7. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
8. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
9. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 14 DAYS, SHALL BE TEMPORARILY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS.
10. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
11. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
12. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
13. CONTRACTOR SHALL DESIGNATE / IDENTIFY AREAS INSIDE THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE.
14. ALL BMP's SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED BY A MINIMUM OF 80% GRASS COVERAGE.
15. ALL DEWATERING ACTIVITIES SHALL CONFORM TO ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS. DISCHARGED WATER MUST BE PROPERLY TREATED BEFORE RELEASING FROM THE SITE.

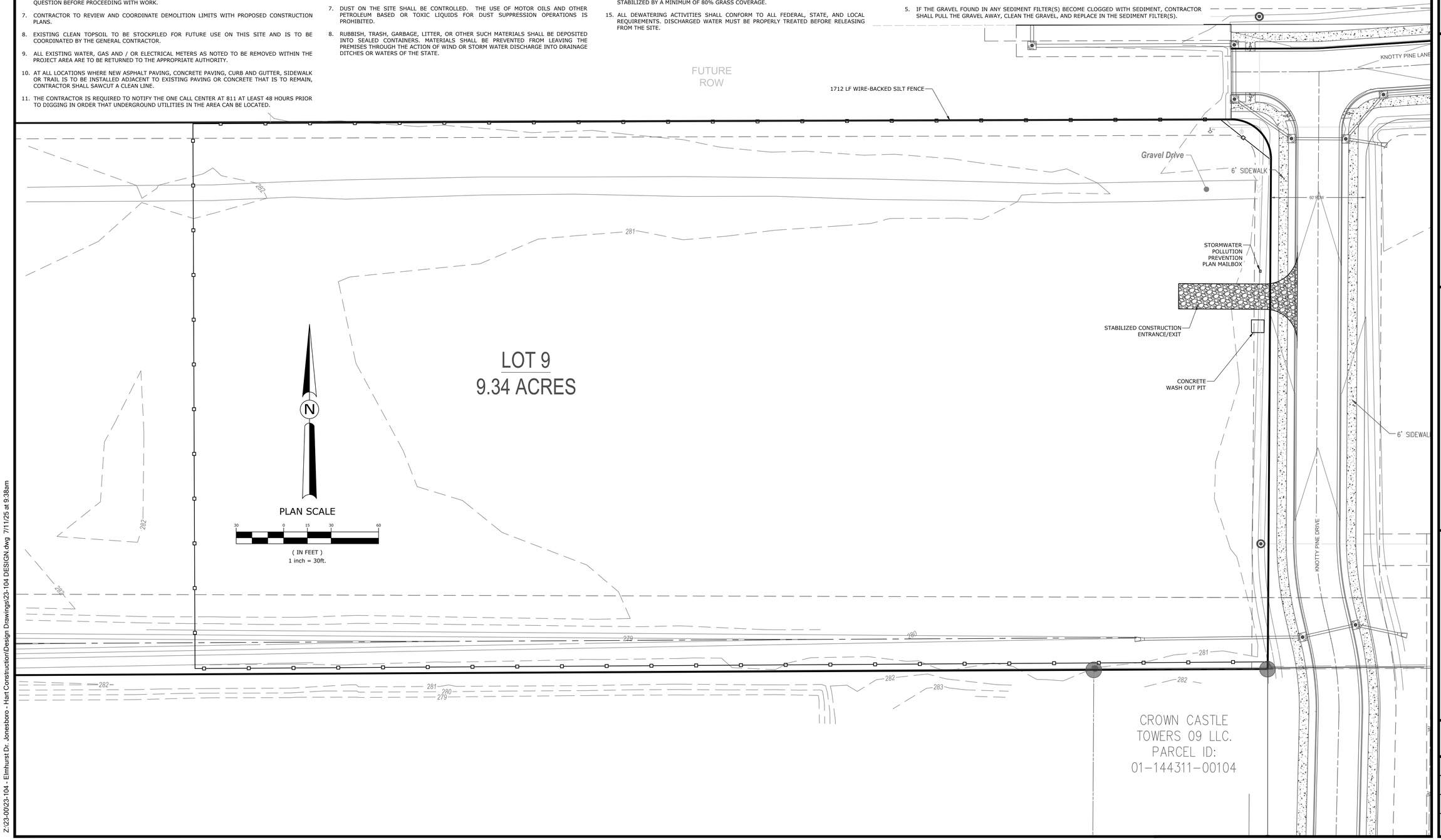
BMP MAINTENANCE

THE CONTRACTOR SHALL IMPLEMENT ALL MEASURES SHOWN ON THE EROSION CONTROL PLAN AND IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) TO THE FULLEST EXTENT PRACTICAL. THE CONTRACTOR SHALL HAVE CHECKED ALL SEDIMENT AND EROSION CONTROL MEASURES BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS OR EVERY FOURTEEN (14) DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT EXCEEDING 0.25". ALL SITE BMPS SHALL BE MAINTAINED IN A FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE HAS OCCURRED. ALL SITE BMPS SHALL BE REPAIRED AND / OR CLEANED IN ACCORDANCE WITH THE FOLLOWING:

1. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION ENTRANCE(S) IN A SUCH A CONDITION THAT WILL PREVENT MUD BEING TRACKED INTO ANY PUBLIC RIGHT OF WAY(S). THIS MAY REQUIRE PERIODIC TOP DRESSING OF ALL CONSTRUCTION ENTRANCE(S) AS NECESSARY.
2. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION. THIS MAY REQUIRE PERIODIC TOP DRESSING OF ALL PARKING AND STORAGE AREA(S) AS NECESSARY.
3. CONTRACTOR SHALL REPAIR ALL SILT FENCING TO THEIR ORIGINAL CONDITION IF DAMAGED; SEDIMENT SHALL BE REMOVED FROM ALONG THE FENCE WHEN SEDIMENT REACHES NO MORE THAN ONE-HALF THE HEIGHT OF THE SILT FENCE.
4. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. CONTRACTOR SHALL FERTILIZE AND RESEEDED THESE AREAS AS NECESSARY.
5. IF THE GRAVEL FOUND IN ANY SEDIMENT FILTER(S) BECOME CLOGGED WITH SEDIMENT, CONTRACTOR SHALL PULL THE GRAVEL AWAY, CLEAN THE GRAVEL, AND REPLACE IN THE SEDIMENT FILTER(S).

SEQUENCE OF CONSTRUCTION

1. INSTALL PERIMETER EROSION CONTROL MEASURES AND TEMPORARY CONSTRUCTION ENTRANCES/CONCRETE WASHOUT.
2. EXCAVATION AND EMBANKMENT TO FORM THE PAVEMENT OR GRADED AREAS.
3. INSTALL STORM SEWER (ADJUST EXISTING SEDIMENT BARRIERS AS NECESSARY TO MAINTAIN SEDIMENT CONTROL).
4. INSTALL UNDERGROUND UTILITIES (ADJUST EXISTING SEDIMENT BARRIERS AS NECESSARY TO MAINTAIN SEDIMENT CONTROL); ADDITIONAL SEDIMENT BARRIERS SHALL BE UTILIZED AS REQUIRED TO BOUND THE DOWN SLOPE SIDE OF UTILITY CONSTRUCTION AND SOIL STOCKPILES.
5. INSTALL BUILDING.
6. FINAL GRADING (SEDIMENT BARRIERS SHALL BE MAINTAINED DOWN SLOPE FROM DISTURBED SOIL DURING THIS OPERATION).
7. INSTALL PAVING.
8. COMPLETION OF ONSITE STABILIZATION.
9. REMOVE PERIMETER EROSION CONTROL MEASURES.



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STATE OF ARKANSAS
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No. 19096
BRADEN COLE DAVIDSON
ORIGINAL SIGNATURE ON FILE

SWPPP

PROJECT ENG:	DRAWN BY :
BCD	JGB
DATE: NOV 2024	
SCALE: 1" = 30'	JOB NUMBER: DE 23-104

C2.0

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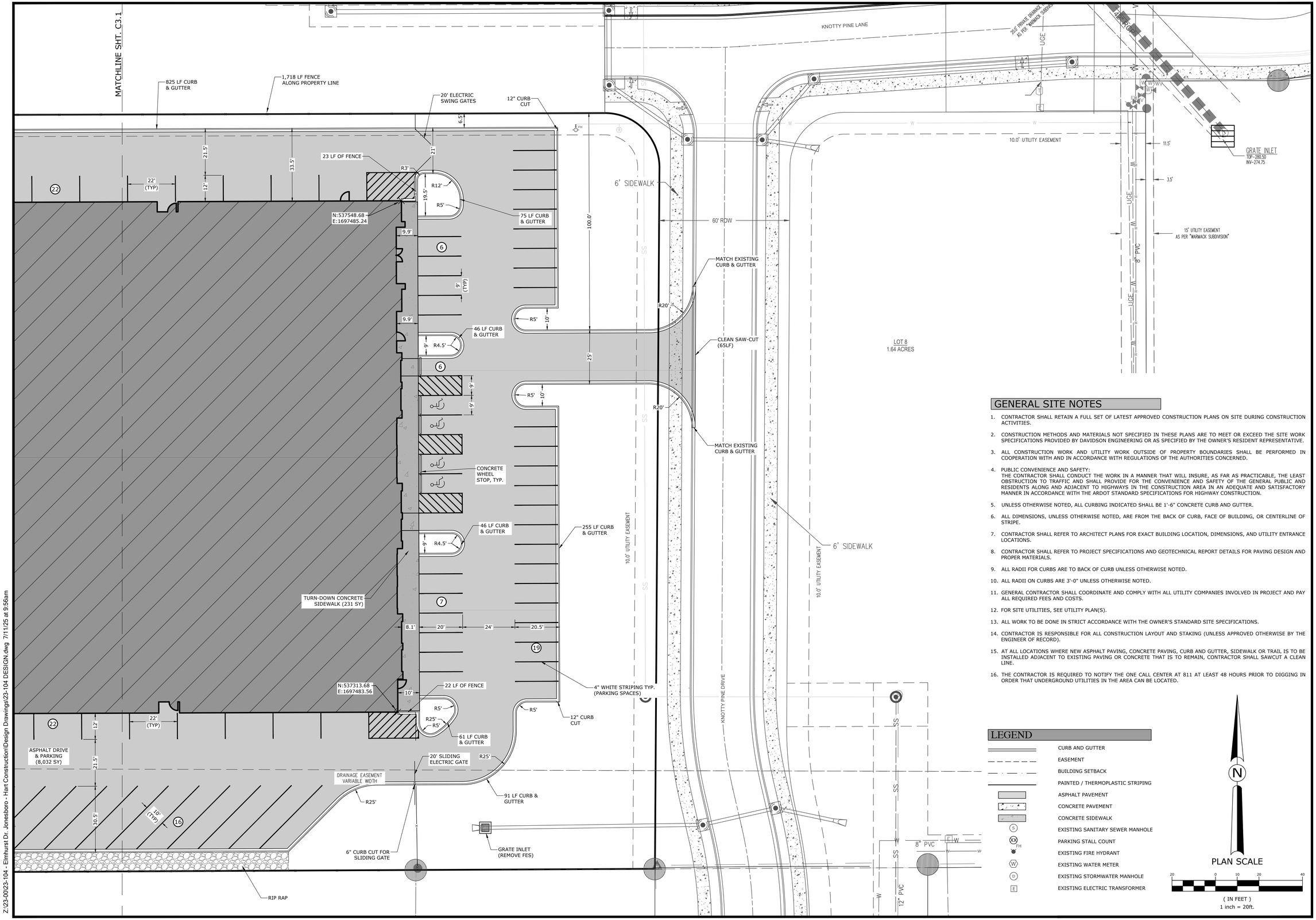

GENERAL SITE NOTES

1. CONTRACTOR SHALL RETAIN A FULL SET OF LATEST APPROVED CONSTRUCTION PLANS ON SITE DURING CONSTRUCTION ACTIVITIES.
2. CONSTRUCTION METHODS AND MATERIALS NOT SPECIFIED IN THESE PLANS ARE TO MEET OR EXCEED THE SITE WORK SPECIFICATIONS PROVIDED BY DAVIDSON ENGINEERING OR AS SPECIFIED BY THE OWNER'S RESIDENT REPRESENTATIVE.
3. ALL CONSTRUCTION WORK AND UTILITY WORK OUTSIDE OF PROPERTY BOUNDARIES SHALL BE PERFORMED IN COOPERATION WITH AND IN ACCORDANCE WITH REGULATIONS OF THE AUTHORITIES CONCERNED.
4. PUBLIC CONVENIENCE AND SAFETY:
   THE CONTRACTOR SHALL CONDUCT THE WORK IN A MANNER THAT WILL INSURE, AS FAR AS PRACTICABLE, THE LEAST OBSTRUCTION TO TRAFFIC AND SHALL PROVIDE FOR THE CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND RESIDENTS ALONG AND ADJACENT TO HIGHWAYS IN THE CONSTRUCTION AREA IN AN ADEQUATE AND SATISFACTORY MANNER IN ACCORDANCE WITH THE ARDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
5. UNLESS OTHERWISE NOTED, ALL CURBING INDICATED SHALL BE 1'-6" CONCRETE CURB AND GUTTER.
6. ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE FROM THE BACK OF CURB, FACE OF BUILDING, OR CENTERLINE OF STRIPE.
7. CONTRACTOR SHALL REFER TO ARCHITECT PLANS FOR EXACT BUILDING LOCATION, DIMENSIONS, AND UTILITY ENTRANCE LOCATIONS.
8. CONTRACTOR SHALL REFER TO PROJECT SPECIFICATIONS AND GEOTECHNICAL REPORT DETAILS FOR PAVING DESIGN AND PROPER MATERIALS.
9. ALL RADII FOR CURBS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
10. ALL RADII ON CURBS ARE 3'-0" UNLESS OTHERWISE NOTED.
11. GENERAL CONTRACTOR SHALL COORDINATE AND COMPLY WITH ALL UTILITY COMPANIES INVOLVED IN PROJECT AND PAY ALL REQUIRED FEES AND COSTS.
12. FOR SITE UTILITIES, SEE UTILITY PLAN(S).
13. ALL WORK TO BE DONE IN STRICT ACCORDANCE WITH THE OWNER'S STANDARD SITE SPECIFICATIONS.
14. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING (UNLESS APPROVED OTHERWISE BY THE ENGINEER OF RECORD).
15. AT ALL LOCATIONS WHERE NEW ASPHALT PAVING, CONCRETE PAVING, CURB AND GUTTER, SIDEWALK OR TRAIL IS TO BE INSTALLED ADJACENT TO EXISTING PAVING OR CONCRETE THAT IS TO REMAIN, CONTRACTOR SHALL SAWCUT A CLEAN LINE.
16. THE CONTRACTOR IS REQUIRED TO NOTIFY THE ONE CALL CENTER AT 811 AT LEAST 48 HOURS PRIOR TO DIGGING IN ORDER THAT UNDERGROUND UTILITIES IN THE AREA CAN BE LOCATED.

LEGEND

- CURB AND GUTTER
- EASEMENT
- BUILDING SETBACK
- PAINTED / THERMOPLASTIC STRIPING
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- EXISTING SANITARY SEWER MANHOLE
- PARKING STALL COUNT
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING STORMWATER MANHOLE
- EXISTING ELECTRIC TRANSFORMER

N

PLAN SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20ft.

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ELMHURST DRIVE-STORAGE FACILITY
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JONESBORO, ARKANSAS

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No. 19096
BRADEN COLE DAVIDSON

ORIGINAL SIGNATURE ON FILE

SITE PLAN I

PROJECT ENG:	DRAWN BY:
BCD	JGB
DATE: NOV 2024	
SCALE: 1" = 20'	JOB NUMBER: DE 23-104

C3.0

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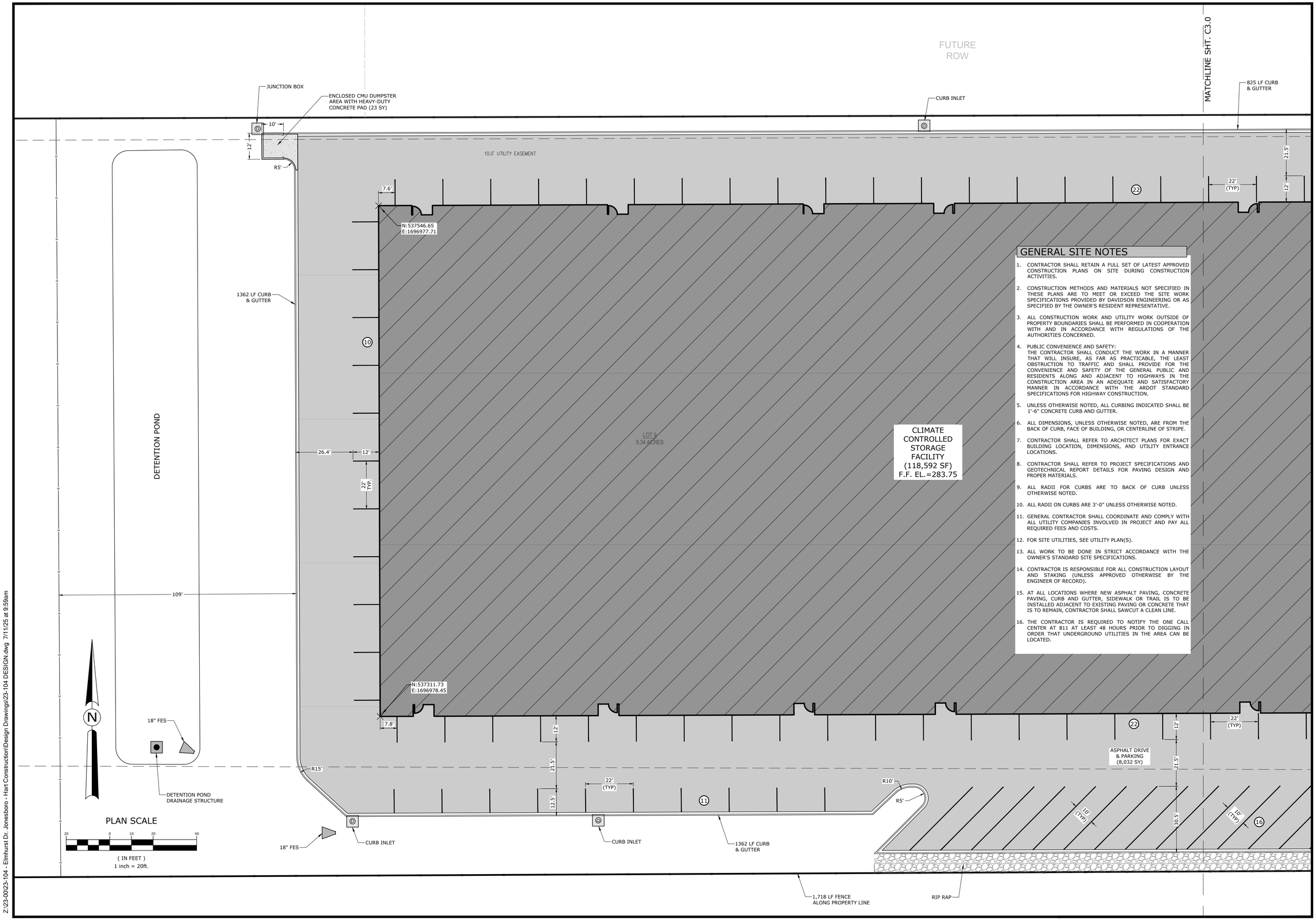

GENERAL SITE NOTES

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3. ALL CONSTRUCTION WORK AND UTILITY WORK OUTSIDE OF PROPERTY BOUNDARIES SHALL BE PERFORMED IN COOPERATION WITH AND IN ACCORDANCE WITH REGULATIONS OF THE AUTHORITIES CONCERNED.
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   THE CONTRACTOR SHALL CONDUCT THE WORK IN A MANNER THAT WILL INSURE, AS FAR AS PRACTICABLE, THE LEAST OBSTRUCTION TO TRAFFIC AND SHALL PROVIDE FOR THE CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND RESIDENTS ALONG AND ADJACENT TO HIGHWAYS IN THE CONSTRUCTION AREA IN AN ADEQUATE AND SATISFACTORY MANNER IN ACCORDANCE WITH THE ARDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
5. UNLESS OTHERWISE NOTED, ALL CURBING INDICATED SHALL BE 1'-6" CONCRETE CURB AND GUTTER.
6. ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE FROM THE BACK OF CURB, FACE OF BUILDING, OR CENTERLINE OF STRIPE.
7. CONTRACTOR SHALL REFER TO ARCHITECT PLANS FOR EXACT BUILDING LOCATION, DIMENSIONS, AND UTILITY ENTRANCE LOCATIONS.
8. CONTRACTOR SHALL REFER TO PROJECT SPECIFICATIONS AND GEOTECHNICAL REPORT DETAILS FOR PAVING DESIGN AND PROPER MATERIALS.
9. ALL RADII FOR CURBS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
10. ALL RADII ON CURBS ARE 3'-0" UNLESS OTHERWISE NOTED.
11. GENERAL CONTRACTOR SHALL COORDINATE AND COMPLY WITH ALL UTILITY COMPANIES INVOLVED IN PROJECT AND PAY ALL REQUIRED FEES AND COSTS.
12. FOR SITE UTILITIES, SEE UTILITY PLAN(S).
13. ALL WORK TO BE DONE IN STRICT ACCORDANCE WITH THE OWNER'S STANDARD SITE SPECIFICATIONS.
14. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING (UNLESS APPROVED OTHERWISE BY THE ENGINEER OF RECORD).
15. AT ALL LOCATIONS WHERE NEW ASPHALT PAVING, CONCRETE PAVING, CURB AND GUTTER, SIDEWALK OR TRAIL IS TO BE INSTALLED ADJACENT TO EXISTING PAVING OR CONCRETE THAT IS TO REMAIN, CONTRACTOR SHALL SAWCUT A CLEAN LINE.
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ELMHURST DRIVE-STORAGE FACILITY
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SITE PLAN II

PROJECT ENG:	DRAWN BY :
BCD	JGB
DATE: NOV 2024	
SCALE: 1" = 20'	JOB NUMBER: DE 23-104

C3.1

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MATCHLINE SHT. C4.1

CLIMATE CONTROLLED STORAGE FACILITY (119,850 SF) F.F. EL.=285.60

KNOTTY PINE LANE

60' ROW

6' SIDEWALK

1' CURB CUT

LOT 8
1.64 ACRES

MATCH EXISTING

10.0' UTILITY EASEMENT

15' UTILITY EASEMENT AS PER "WINMOCK SUBDIVISION"

GLADIOUS BUSINESS PARK STORM DRAIN B EXTENSION

2000 S.F. RIP RAP

GI-1
RIM=280.29
INV 18" (EXISTING) IN (E)=278.39
INV 18" OUT (W)=278.39

275 GRATE INLET
TOP=280.50
INV=274.75

PLAN SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20ft.

GENERAL GRADING/DRAINAGE NOTES

1. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD OF ANY EXISTING AND PROPOSED ELEVATION INACCURACIES OR DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION.
2. INFORMATION PERTAINING TO UNDER GROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS AND FIELD LOCATIONS WHEN POSSIBLE, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS IN ADVANCE OF MACHINE TRENCHING. IF CLEARANCES ARE LESS THAN SPECIFIED ON THESE PLANS OR 18", WHICH EVER IS LESS, CONTACT THE ENGINEER AND THE OWNER / DEVELOPER PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OR REMOVAL OF EXISTING UNDERGROUND UTILITIES SHOWN OR NOT SHOWN AT NO ADDITIONAL COST TO THE OWNER.
4. ALL STRUCTURES LOCATED WITHIN STATE RIGHT-OF-WAY OR OTHERWISE NOTED ON THE THESE PLANS SHALL BE CONSTRUCTED PER STATE DOT STANDARDS. IF STRUCTURE(S) ARE NOT PROTOTYPICAL OR CONSTRUCTION CANNOT BE ACHIEVED, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO DAVIDSON ENGINEERING FOR REVIEW AND APPROVAL.
5. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES ON ADJUSTING EXISTING UTILITY LINE AS REQUIRED BY CUT AND FILL AT NO ADDITIONAL COST TO THE OWNER.
6. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF SHEETING, SHORING, BRACING, AND SPECIAL EXCAVATION MEASURES REQUIRED TO MEET ALL OSHA, FEDERAL, STATE AND LOCAL REGULATIONS PURSUANT TO THE INSTALLATION OF THE WORK INDICATED ON THESE DRAWINGS.
7. ALL STORM DRAIN PIPES ARE MEASURED FROM CENTER OF STRUCTURES AND END OF FLARED END SECTIONS.
8. WHERE THE WORD 'PIPE' IS USED, CONTRACTOR SHALL HAVE THE OPTION OF BIDDING PIPE WITH A SMOOTH INTERIOR HAVING AN 'N' VALUE OF 0.013 OR LESS.
9. ALL DRAINAGE STRUCTURES SHALL BE CAST-IN-PLACE (UNLESS OTHERWISE SPECIFIED OR APPROVED BY THE ENGINEER OF RECORD).
10. RETAINING WALL(S) SHALL BE CONSTRUCTED TO EXTEND A MINIMUM OF 6 INCHES ABOVE THE TOP OF FINISHED GRADE. CONTRACTOR SHALL REFER TO THE RETAINING WALL PLAN(S) FOR CONSTRUCTION AND DESIGN SPECIFICATIONS. CONTRACTOR SHALL NOTIFY THE ENGINEER IF RETAINING WALL PLANS DIFFER FROM THIS.
11. ALL DISTURBED AREAS AND SLOPES SHALL BE GRADED SMOOTH AND (4") OF TOP SOIL APPLIED. THE AREA SHALL BE SEEDED AND WATERED UNTIL HARDY GRASS GROWTH HAS BEEN ESTABLISHED (SEE LANDSCAPING GENERAL NOTES FOR SEEDING MIX & SPECIFICATIONS).
12. STORM SEWER TRENCHING AND BEDDING SHALL BE INSTALLED PER DETAIL ON SHT C6.1.
13. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENTATION CONTROL PRACTICES IN ACCORDANCE WITH THE EROSION CONTROL PLAN AND CONSTRUCTION SCHEDULE. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR IMPLEMENTING THE SWPPP.
14. REMOVE GOOD TOPSOIL FROM AREAS TO BE GRADED AND FILLED, AND PRESERVE IT FOR USE IN FINISHING THE GRADING OF ALL CRITICAL AREAS.
15. SCARIFY AREAS TO RECEIVE TOPSOIL TO A MINIMUM DEPTH OF 3 INCHES BEFORE PLACING TOPSOIL PER OWNER / DEVELOPER, CITY, AND / OR DOT STANDARDS AND SPECIFICATIONS.
16. CLEAR AND GRUB AREAS TO BE FILLED, REMOVE TREES, VEGETATION, ROOTS, DEBRIS, AND OTHER MATERIALS THAT WOULD AFFECT THE STABILITY OF THE FILL.
17. ENSURE THAT FILL MATERIAL IS FREE OF BRUSH, RUBBISH, ROCKS, LOGS, STUMPS, BUILDING DEBRIS, AND OTHER MATERIALS INAPPROPRIATE FOR CONSTRUCTING STABLE FILLS.
18. DO NOT INCORPORATE FROZEN MATERIAL OR SOFT, MUCK, OR HIGHLY COMPRESSIBLE MATERIALS INTO FILL SLOPES.
19. KEEP DIVERSIONS AND OTHER WATER CONVEYANCE MEASURES FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.
20. PERMANENTLY STABILIZE ALL GRADED AREAS AFTER FINAL GRADING IS COMPLETED ON EACH AREA OF THE GRADING PLAN. APPLY TEMPORARY STABILIZATION MEASURES ON ALL GRADED AREAS WHEN WORK IS TO BE INTERRUPTED OR DELAYED (SEE EROSION CONTROL PLAN(S)).
21. CONTRACTOR SHALL MATCH TOP OF PROPOSED DRAINAGE STRUCTURES WITH PROPOSED GRADES. IF A DISCREPANCY OCCURS BETWEEN PROPOSED GRADES AND PROPOSED STRUCTURE TOPS, THE GRADING SHALL GOVERN. IF THE DISCREPANCY IS MORE THAN 4 INCHES, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD.
22. ALL UTILITIES, INCLUDING STORM SEWER, SHOWN WITHIN PUBLIC EASEMENTS OR RIGHT-OF-WAYS SHALL BE CONSTRUCTED TO THE GOVERNING AGENCY'S SPECIFICATIONS. ALL OTHER UTILITIES SHALL BE CONSTRUCTED TO THE CLIENT'S OR THE GOVERNING AGENCY'S SPECIFICATIONS, WHICHEVER IS MORE STRINGENT. IF THERE IS A QUESTION AS TO WHICH SPECIFICATIONS SHOULD APPLY, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD.
23. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY.
24. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY (STATE ONE CALL SYSTEM) AND LOCATE ALL UTILITIES PRIOR TO GRADING START.
25. SITE GRADING SHALL NOT PROCEED UNTIL PERIMETER EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
26. REFER TO GEOTECHNICAL REPORT FOR GENERAL DESCRIPTION OF SOIL STRATA AND INFORMATION ON EXISTING ROCK.
27. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING (UNLESS APPROVED OTHERWISE BY THE ENGINEER OF RECORD).
28. AT ALL LOCATIONS WHERE NEW ASPHALT PAVING, CONCRETE PAVING, CURB AND GUTTER, SIDEWALK OR TRAIL IS TO BE INSTALLED ADJACENT TO EXISTING PAVING OR CONCRETE THAT IS TO REMAIN, CONTRACTOR SHALL SAWCUT A CLEAN LINE.
29. THE CONTRACTOR IS REQUIRED TO NOTIFY THE ONE CALL CENTER AT 811 AT LEAST 48 HOURS PRIOR TO DIGGING IN ORDER THAT UNDERGROUND UTILITIES IN THE AREA CAN BE LOCATED.

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BRADEN COLE DAVIDSON
11/19/2024

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GRADING & DRAINAGE PLAN I

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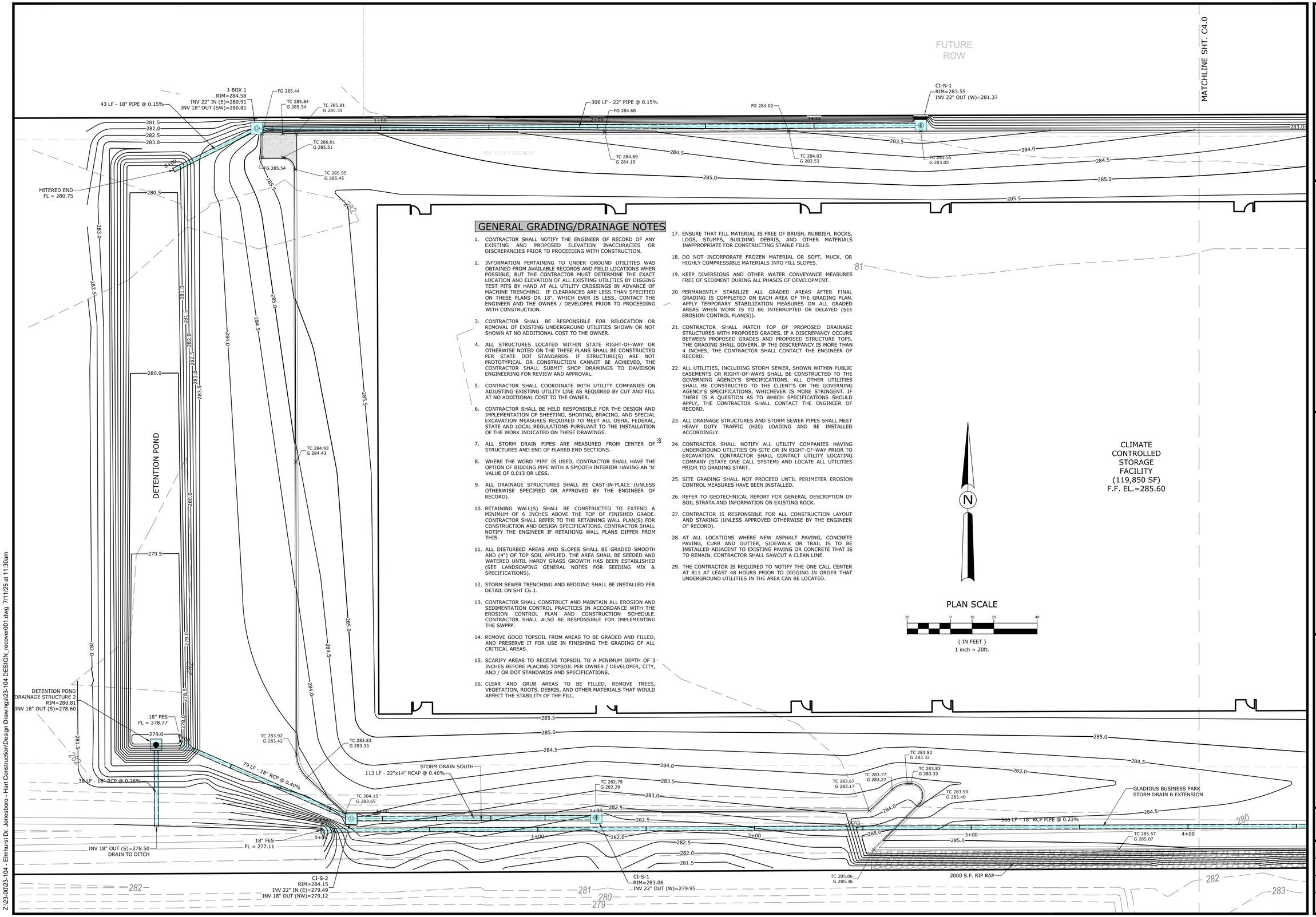
C4.0

Z:\23-00\23-104 - Elmhurst Dr, Jonesboro - Hart Construction\Design Drawings\23-104 DESIGN_recover001.dwg 7/11/25 at 11:29am



GENERAL GRADING/DRAINAGE NOTES

1. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD OF ANY EXISTING AND PROPOSED ELEVATION INACCURACIES OR DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION.
2. INFORMATION PERTAINING TO UNDER GROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS AND FIELD LOCATIONS WHEN POSSIBLE, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS IN ADVANCE OF MACHINE TRENCHING. IF CLEARANCES ARE LESS THAN SPECIFIED ON THESE PLANS OR 18", WHICH EVER IS LESS, CONTACT THE ENGINEER AND THE OWNER / DEVELOPER PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OR REMOVAL OF EXISTING UNDERGROUND UTILITIES SHOWN OR NOT SHOWN AT NO ADDITIONAL COST TO THE OWNER.
4. ALL STRUCTURES LOCATED WITHIN STATE RIGHT-OF-WAY OR OTHERWISE NOTED ON THE THESE PLANS SHALL BE CONSTRUCTED PER STATE DOT STANDARDS. IF STRUCTURE(S) ARE NOT PROTOTYPICAL OR CONSTRUCTION CANNOT BE ACHIEVED, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO DAVIDSON ENGINEERING FOR REVIEW AND APPROVAL.
5. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES ON ADJUSTING EXISTING UTILITY LINE AS REQUIRED BY CUT AND FILL AT NO ADDITIONAL COST TO THE OWNER.
6. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF SHEETING, SHORING, BRACING, AND SPECIAL EXCAVATION MEASURES REQUIRED TO MEET ALL OSHA, FEDERAL, STATE AND LOCAL REGULATIONS PURSUANT TO THE INSTALLATION OF THE WORK INDICATED ON THESE DRAWINGS.
7. ALL STORM DRAIN PIPES ARE MEASURED FROM CENTER OF STRUCTURES AND END OF FLARED END SECTIONS.
8. WHERE THE WORD 'PIPE' IS USED, CONTRACTOR SHALL HAVE THE OPTION OF BIDDING PIPE WITH A SMOOTH INTERIOR HAVING AN 'N' VALUE OF 0.013 OR LESS.
9. ALL DRAINAGE STRUCTURES SHALL BE CAST-IN-PLACE (UNLESS OTHERWISE SPECIFIED OR APPROVED BY THE ENGINEER OF RECORD).
10. RETAINING WALL(S) SHALL BE CONSTRUCTED TO EXTEND A MINIMUM OF 6 INCHES ABOVE THE TOP OF FINISHED GRADE. CONTRACTOR SHALL REFER TO THE RETAINING WALL PLAN(S) FOR CONSTRUCTION AND DESIGN SPECIFICATIONS. CONTRACTOR SHALL NOTIFY THE ENGINEER IF RETAINING WALL PLANS DIFFER FROM THIS.
11. ALL DISTURBED AREAS AND SLOPES SHALL BE GRADED SMOOTH AND (4") OF TOP SOIL APPLIED. THE AREA SHALL BE SEEDED AND WATERED UNTIL HARDY GRASS GROWTH HAS BEEN ESTABLISHED (SEE LANDSCAPING GENERAL NOTES FOR SEEDING MIX & SPECIFICATIONS).
12. STORM SEWER TRENCHING AND BEDDING SHALL BE INSTALLED PER DETAIL ON SHT C6.1.
13. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENTATION CONTROL PRACTICES IN ACCORDANCE WITH THE EROSION CONTROL PLAN AND CONSTRUCTION SCHEDULE. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR IMPLEMENTING THE SWPPP.
14. REMOVE GOOD TOPSOIL FROM AREAS TO BE GRADED AND FILLED, AND PRESERVE IT FOR USE IN FINISHING THE GRADING OF ALL CRITICAL AREAS.
15. SCARIFY AREAS TO RECEIVE TOPSOIL TO A MINIMUM DEPTH OF 3 INCHES BEFORE PLACING TOPSOIL PER OWNER / DEVELOPER, CITY, AND / OR DOT STANDARDS AND SPECIFICATIONS.
16. CLEAR AND GRUB AREAS TO BE FILLED, REMOVE TREES, VEGETATION, ROOTS, DEBRIS, AND OTHER MATERIALS THAT WOULD AFFECT THE STABILITY OF THE FILL.
17. ENSURE THAT FILL MATERIAL IS FREE OF BRUSH, RUBBISH, ROCKS, LOGS, STUMPS, BUILDING DEBRIS, AND OTHER MATERIALS INAPPROPRIATE FOR CONSTRUCTING STABLE FILLS.
18. DO NOT INCORPORATE FROZEN MATERIAL OR SOFT, MUCK, OR HIGHLY COMPRESSIBLE MATERIALS INTO FILL SLOPES.
19. KEEP DIVERSIONS AND OTHER WATER CONVEYANCE MEASURES FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.
20. PERMANENTLY STABILIZE ALL GRADED AREAS AFTER FINAL GRADING IS COMPLETED ON EACH AREA OF THE GRADING PLAN. APPLY TEMPORARY STABILIZATION MEASURES ON ALL GRADED AREAS WHEN WORK IS TO BE INTERRUPTED OR DELAYED (SEE EROSION CONTROL PLAN(S)).
21. CONTRACTOR SHALL MATCH TOP OF PROPOSED DRAINAGE STRUCTURES WITH PROPOSED GRADES. IF A DISCREPANCY OCCURS BETWEEN PROPOSED GRADES AND PROPOSED STRUCTURE TOPS, THE GRADING SHALL GOVERN. IF THE DISCREPANCY IS MORE THAN 4 INCHES, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD.
22. ALL UTILITIES, INCLUDING STORM SEWER, SHOWN WITHIN PUBLIC EASEMENTS OR RIGHT-OF-WAYS SHALL BE CONSTRUCTED TO THE GOVERNING AGENCY'S SPECIFICATIONS. ALL OTHER UTILITIES SHALL BE CONSTRUCTED TO THE CLIENT'S OR THE GOVERNING AGENCY'S SPECIFICATIONS, WHICHEVER IS MORE STRINGENT. IF THERE IS A QUESTION AS TO WHICH SPECIFICATIONS SHOULD APPLY, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD.
23. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY.
24. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY (STATE ONE CALL SYSTEM) AND LOCATE ALL UTILITIES PRIOR TO GRADING START.
25. SITE GRADING SHALL NOT PROCEED UNTIL PERIMETER EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
26. REFER TO GEOTECHNICAL REPORT FOR GENERAL DESCRIPTION OF SOIL STRATA AND INFORMATION ON EXISTING ROCK.
27. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING (UNLESS APPROVED OTHERWISE BY THE ENGINEER OF RECORD).
28. AT ALL LOCATIONS WHERE NEW ASPHALT PAVING, CONCRETE PAVING, CURB AND GUTTER, SIDEWALK OR TRAIL IS TO BE INSTALLED ADJACENT TO EXISTING PAVING OR CONCRETE THAT IS TO REMAIN, CONTRACTOR SHALL SAWCUT A CLEAN LINE.
29. THE CONTRACTOR IS REQUIRED TO NOTIFY THE ONE CALL CENTER AT 811 AT LEAST 48 HOURS PRIOR TO DIGGING IN ORDER THAT UNDERGROUND UTILITIES IN THE AREA CAN BE LOCATED.

N

CLIMATE CONTROLLED STORAGE FACILITY (119,850 SF) F.F. EL.=285.60

PLAN SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20ft.

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DAVIDSON ENGINEERING
210 W. ARCH AVE., STE. D
SEARCY, AR 72143
TEL 501.388.2178

ELMHURST DRIVE-STORAGE FACILITY
HART CONSTRUCTION
JONESBORO, ARKANSAS

NO.	DESCRIPTION	DATE
	REVISIONS	

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 19096
BRADEN COLE DAVIDSON
ORIGINAL SIGNATURE ON FILE

GRADING & DRAINAGE PLAN II

PROJECT ENG:	DRAWN BY:
BCD	JGB
DATE: NOV 2024	
SCALE: 1" = 20'	JOB NUMBER: DE 23-104

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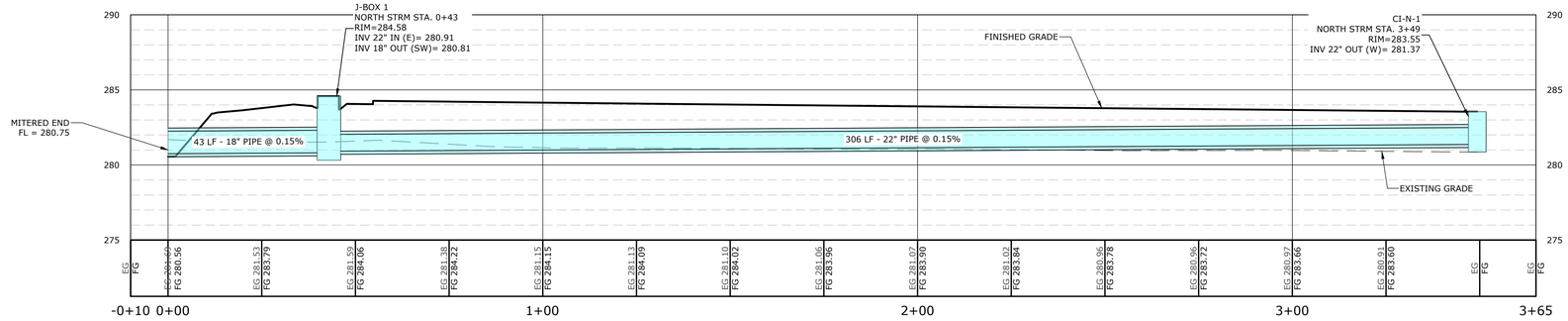
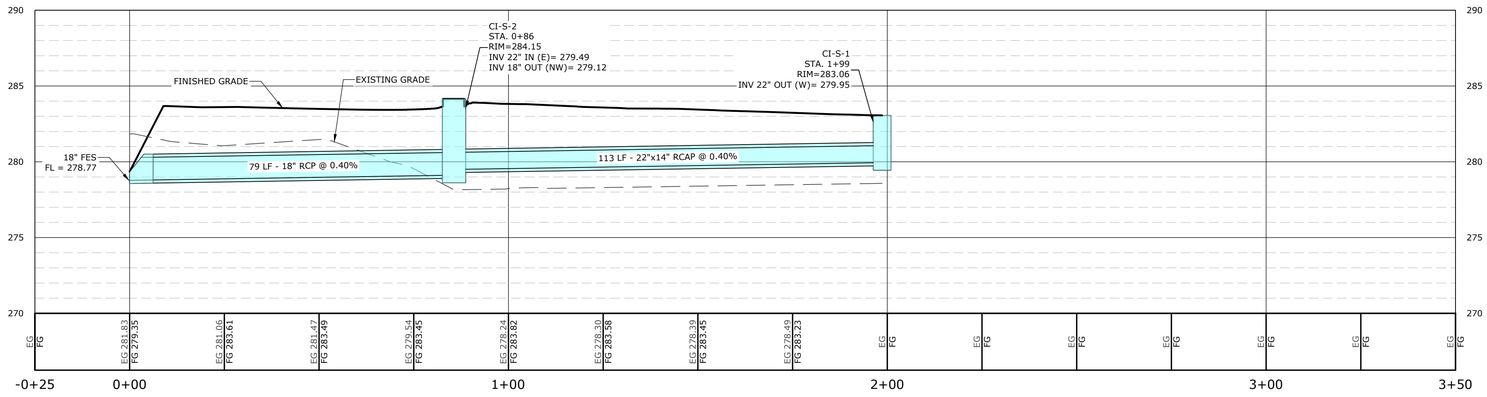


STORM DRAIN NORTH

SCALE:
1"=20' HORIZ.
1"=5' VERT.



STORM DRAIN SOUTH

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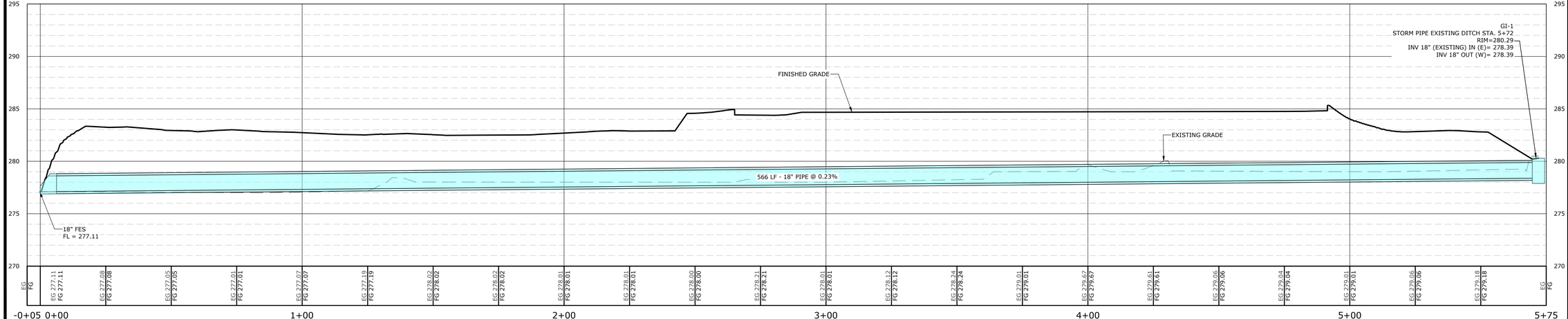
1"=5' VERT.



GLADIOUS BUSINESS PARK STORM DRAIN B EXTENSION

SCALE:
1"=20' HORIZ.
1"=5' VERT.

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ELMHURST DRIVE-STORAGE FACILITY
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JONESBORO, ARKANSAS

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BRADEN COLE DAVIDSON
ORIGINAL SIGNATURE ON FILE

STORM DRAIN PROFILES

PROJECT ENG:	DRAWN BY:
BCD	JGB
DATE: NOV 2024	
SCALE: 1" = 20'	JOB NUMBER: DE 23-104

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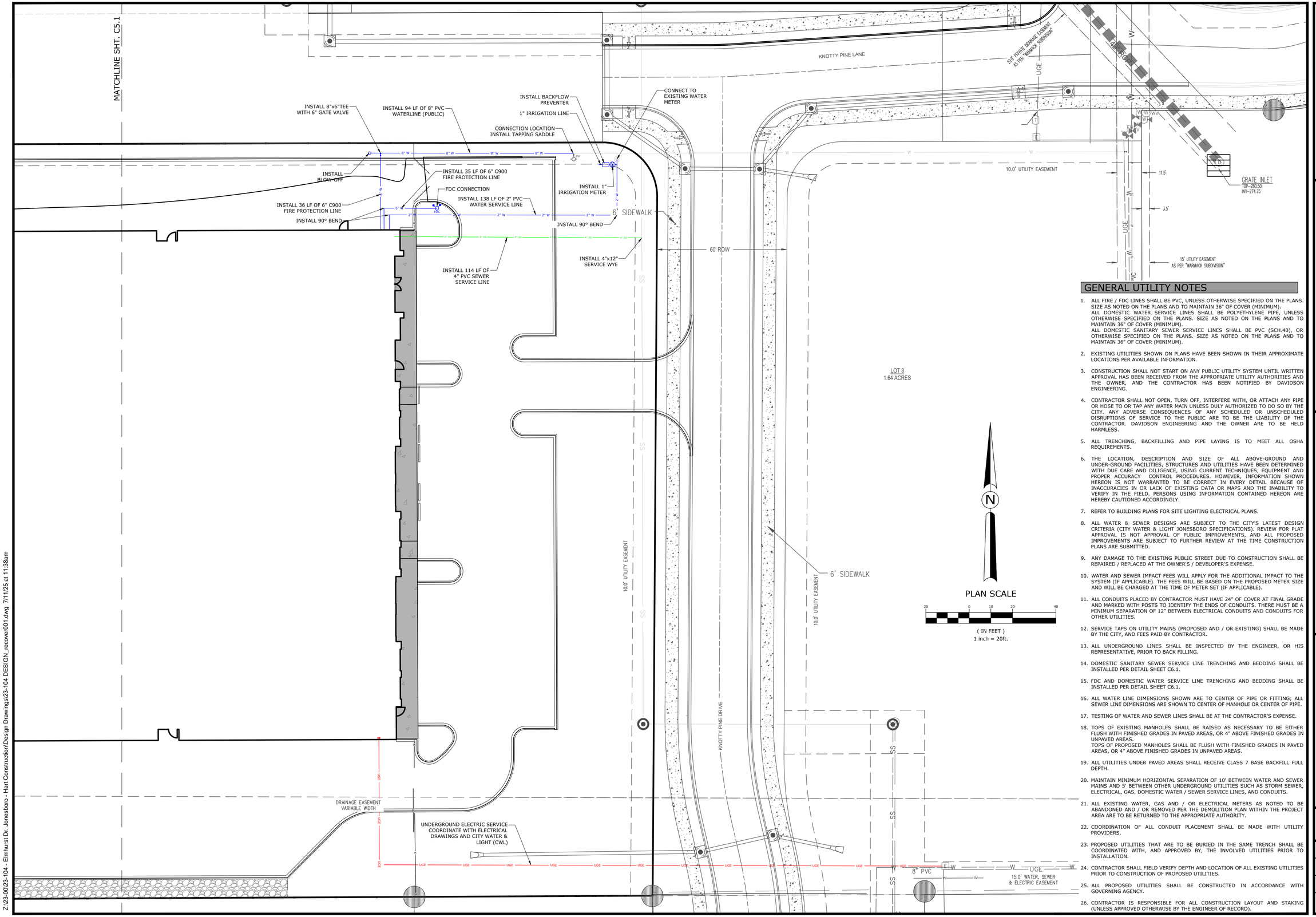

GENERAL UTILITY NOTES

1. ALL FIRE / FDC LINES SHALL BE PVC, UNLESS OTHERWISE SPECIFIED ON THE PLANS. SIZE AS NOTED ON THE PLANS AND TO MAINTAIN 36" OF COVER (MINIMUM).
   ALL DOMESTIC WATER SERVICE LINES SHALL BE POLYETHYLENE PIPE, UNLESS OTHERWISE SPECIFIED ON THE PLANS. SIZE AS NOTED ON THE PLANS AND TO MAINTAIN 36" OF COVER (MINIMUM).
   ALL DOMESTIC SANITARY SEWER SERVICE LINES SHALL BE PVC (SCH.40), OR OTHERWISE SPECIFIED ON THE PLANS. SIZE AS NOTED ON THE PLANS AND TO MAINTAIN 36" OF COVER (MINIMUM).
2. EXISTING UTILITIES SHOWN ON PLANS HAVE BEEN SHOWN IN THEIR APPROXIMATE LOCATIONS PER AVAILABLE INFORMATION.
3. CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED FROM THE APPROPRIATE UTILITY AUTHORITIES AND THE OWNER, AND THE CONTRACTOR HAS BEEN NOTIFIED BY DAVIDSON ENGINEERING.
4. CONTRACTOR SHALL NOT OPEN, TURN OFF, INTERFERE WITH, OR ATTACH ANY PIPE OR HOSE TO OR TAP ANY WATER MAIN UNLESS DULY AUTHORIZED TO DO SO BY THE CITY. ANY ADVERSE CONSEQUENCES OF ANY SCHEDULED OR UNSCHEDULED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE TO BE THE LIABILITY OF THE CONTRACTOR. DAVIDSON ENGINEERING AND THE OWNER ARE TO BE HELD HARMLESS.
5. ALL TRENCHING, BACKFILLING AND PIPE LAYING IS TO MEET ALL OSHA REQUIREMENTS.
6. THE LOCATION, DESCRIPTION AND SIZE OF ALL ABOVE-GROUND AND UNDER-GROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN DETERMINED WITH DUE CARE AND DILIGENCE, USING CURRENT TECHNIQUES, EQUIPMENT AND PROPER ACCURACY CONTROL PROCEDURES. HOWEVER, INFORMATION SHOWN HEREON IS NOT WARRANTED TO BE CORRECT IN EVERY DETAIL BECAUSE OF INACCURACIES IN OR LACK OF EXISTING DATA OR MAPS AND THE INABILITY TO VERIFY IN THE FIELD. PERSONS USING INFORMATION CONTAINED HEREON ARE HEREBY CAUTIONED ACCORDINGLY.
7. REFER TO BUILDING PLANS FOR SITE LIGHTING ELECTRICAL PLANS.
8. ALL WATER & SEWER DESIGNS ARE SUBJECT TO THE CITY'S LATEST DESIGN CRITERIA (CITY WATER & LIGHT JONESBORO SPECIFICATIONS). REVIEW FOR PLAT APPROVAL IS NOT APPROVAL OF PUBLIC IMPROVEMENTS, AND ALL PROPOSED IMPROVEMENTS ARE SUBJECT TO FURTHER REVIEW AT THE TIME CONSTRUCTION PLANS ARE SUBMITTED.
9. ANY DAMAGE TO THE EXISTING PUBLIC STREET DUE TO CONSTRUCTION SHALL BE REPAIRED / REPLACED AT THE OWNER'S / DEVELOPER'S EXPENSE.
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11. ALL CONDUITS PLACED BY CONTRACTOR MUST HAVE 24" OF COVER AT FINAL GRADE AND MARKED WITH POSTS TO IDENTIFY THE ENDS OF CONDUITS. THERE MUST BE A MINIMUM SEPARATION OF 12" BETWEEN ELECTRICAL CONDUITS AND CONDUITS FOR OTHER UTILITIES.
12. SERVICE TAPS ON UTILITY MAINS (PROPOSED AND / OR EXISTING) SHALL BE MADE BY THE CITY, AND FEES PAID BY CONTRACTOR.
13. ALL UNDERGROUND LINES SHALL BE INSPECTED BY THE ENGINEER, OR HIS REPRESENTATIVE, PRIOR TO BACK FILLING.
14. DOMESTIC SANITARY SEWER SERVICE LINE TRENCHING AND BEDDING SHALL BE INSTALLED PER DETAIL SHEET C6.1.
15. FDC AND DOMESTIC WATER SERVICE LINE TRENCHING AND BEDDING SHALL BE INSTALLED PER DETAIL SHEET C6.1.
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18. TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE EITHER FLUSH WITH FINISHED GRADES IN PAVED AREAS, OR 4" ABOVE FINISHED GRADES IN UNPAVED AREAS.
    TOPS OF PROPOSED MANHOLES SHALL BE FLUSH WITH FINISHED GRADES IN PAVED AREAS, OR 4" ABOVE FINISHED GRADES IN UNPAVED AREAS.
19. ALL UTILITIES UNDER PAVED AREAS SHALL RECEIVE CLASS 7 BASE BACKFILL FULL DEPTH.
20. MAINTAIN MINIMUM HORIZONTAL SEPARATION OF 10' BETWEEN WATER AND SEWER MAINS AND 5' BETWEEN OTHER UNDERGROUND UTILITIES SUCH AS STORM SEWER, ELECTRICAL, GAS, DOMESTIC WATER / SEWER SERVICE LINES, AND CONDUITS.
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SEARCY, AR 72143
TEL 501.388.2178

ELMHURST DRIVE-STORAGE FACILITY
HART CONSTRUCTION
JONESBORO, ARKANSAS

NO.	DATE	REVISIONS DESCRIPTION

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 19096
BRADEN COLE DAVIDSON

ORIGINAL SIGNATURE ON FILE

UTILITY PLAN I

PROJECT ENG:	DRAWN BY :
BCD	JGB
DATE: NOV 2024	
SCALE: 1" = 20'	JOB NUMBER: DE 23-104

C5.0

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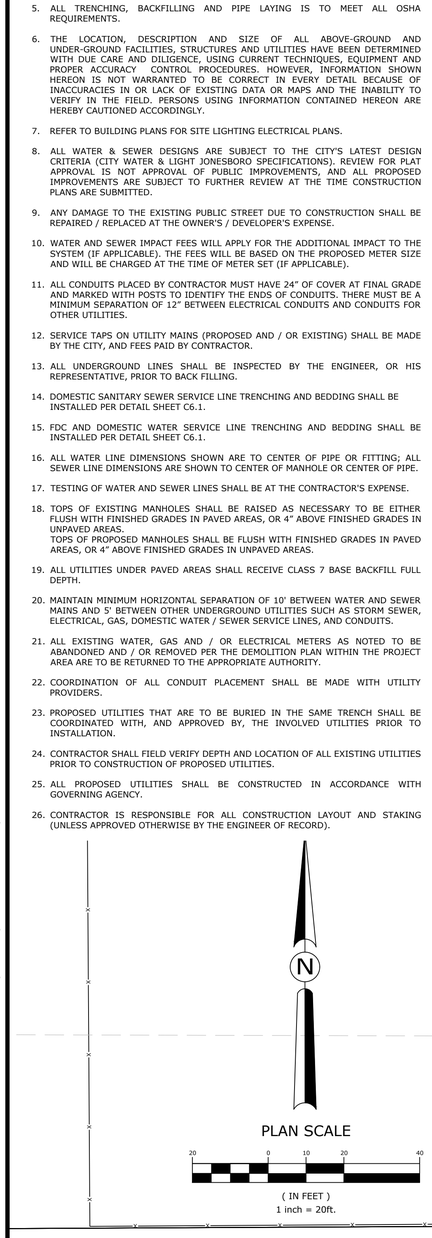

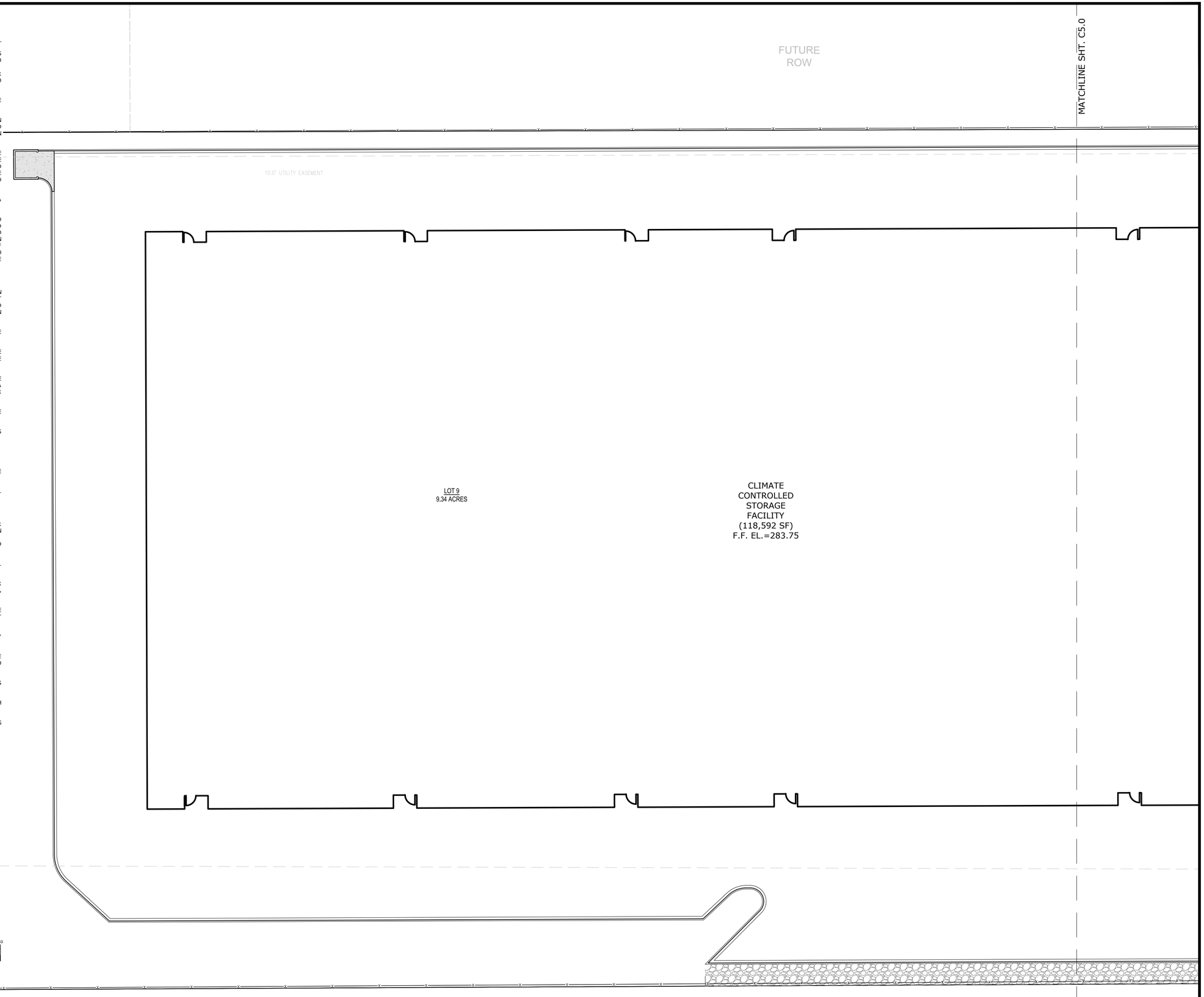

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SEARCY, AR 72143
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ELMHURST DRIVE-STORAGE FACILITY
HART CONSTRUCTION
JONESBORO, ARKANSAS

NO.	DATE	REVISIONS DESCRIPTION

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 19096
BRADEN COLE DAVIDSON

ORIGINAL SIGNATURE ON FILE

UTILITY PLAN II

PROJECT ENG:	DRAWN BY :
BCD	JGB
DATE: NOV 2024	
SCALE: 1" = 20'	JOB NUMBER: DE 23-104

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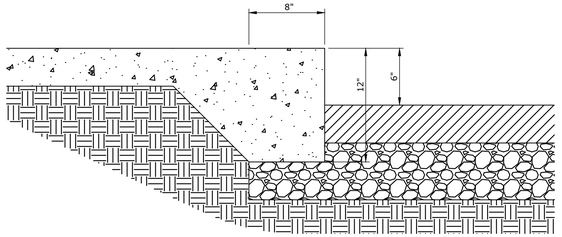

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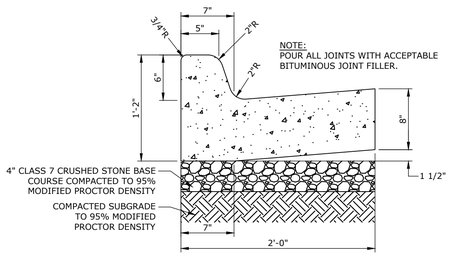

TYPICAL SECTION CONCRETE CURB & GUTTER
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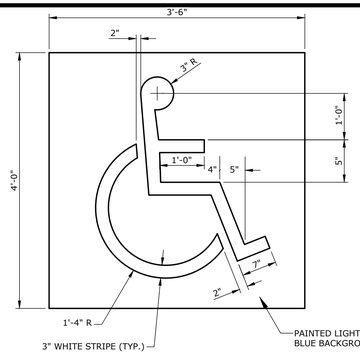

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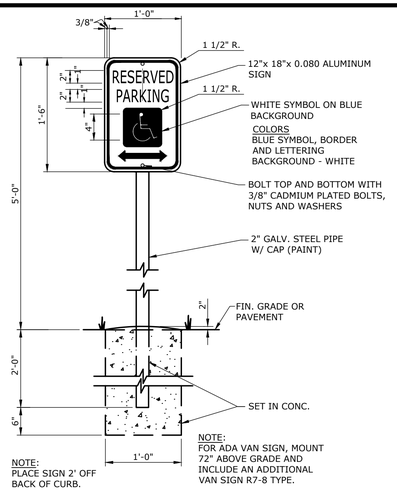

ADA SIGN DETAIL
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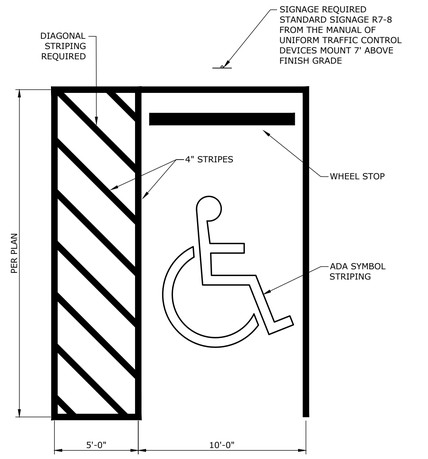
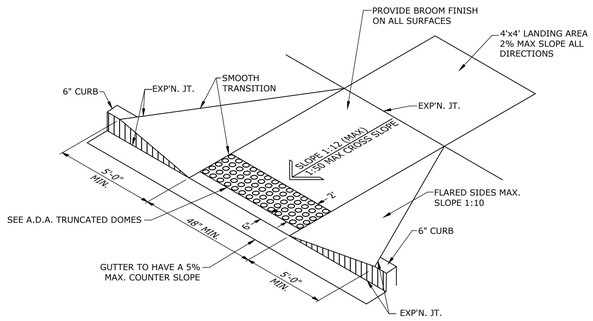
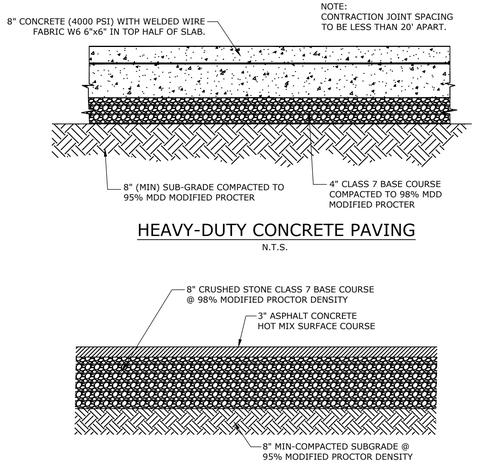


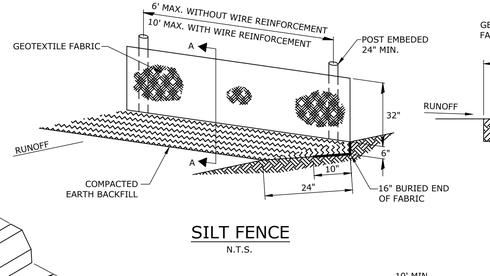
ADA PARKING LAYOUT
N.T.S.



A.D.A. PERPENDICULAR CURB RAMP WITH FLARED SIDES
N.T.S.



HEAVY-DUTY CONCRETE PAVING
N.T.S.



SILT FENCE
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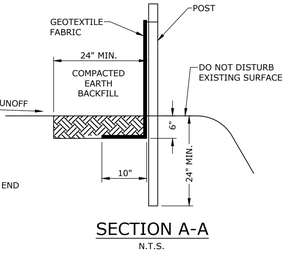
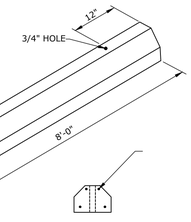


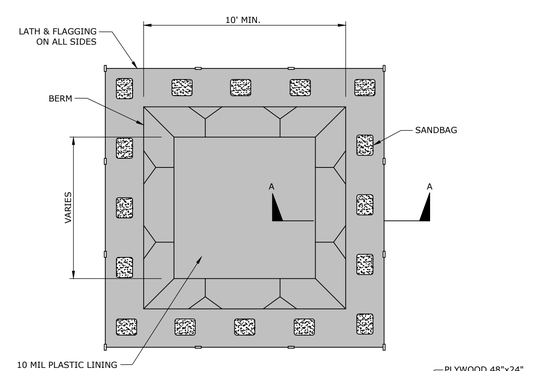
SECTION A-A
N.T.S.

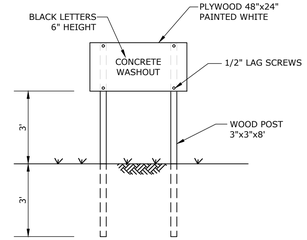


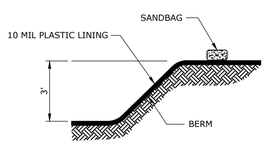
CONCRETE: 3500 P.S.I. AT 28 DAYS
WEIGHT: 38LBS PER LINEAR FOOT
5/8" X 12" PINS TO FASTEN TO PAVEMENT

CONCRETE WHEEL STOP
N.T.S.

STANDARD ASPHALT SECTION
N.T.S.







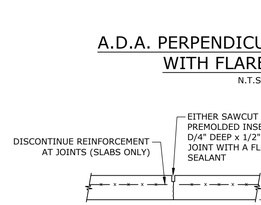
SECTION A-A

SIGN DETAIL

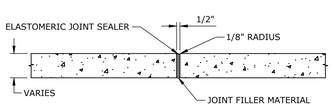
NOTES:

1. NO WASHING OUT OF CONCRETE TRUCKS OR WASHING OF SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS IS ALLOWED.
2. EXCESS CONCRETE IS NOT ALLOWED TO BE DUMPED ON-SITE, EXCEPT IN DESIGNATED TEMPORARY CONCRETE WASHOUT PIT AREAS.
3. ON-SITE TEMPORARY CONCRETE WASHOUT AREAS WILL BE LOCATED AT LEAST 50 FEET FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES AS DETERMINED IN THE FIELD.
4. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
5. TEMPORARY CONCRETE WASHOUT FACILITIES WILL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.
6. WASHOUT FACILITIES WILL BE CLEANED OUT ONCE THE WASHOUT IS 75% FULL.
7. PLASTIC LINING MATERIAL WILL BE MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND WILL BE FREE OF HOLES, TEARS, OR OTHER DEFECTS.
8. WHEN WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR WORK, THE HARDENED CONCRETE WILL BE REMOVED AND DISPOSED OF. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES WILL BE REMOVED FROM THE SITE AND DISPOSED OF.

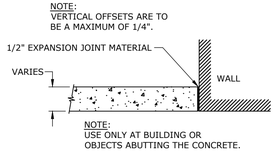
CONCRETE WASHOUT
N.T.S.



TYPICAL CONTRACTION JOINT
N.T.S.



EXPANSION JOINT (EJ)
N.T.S.



ISOLATION JOINT
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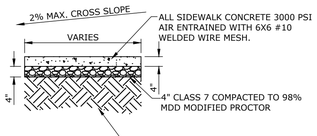
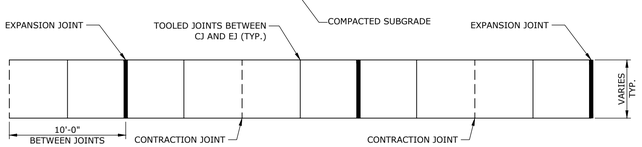
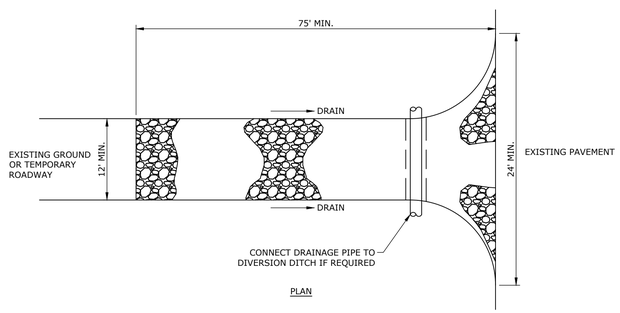
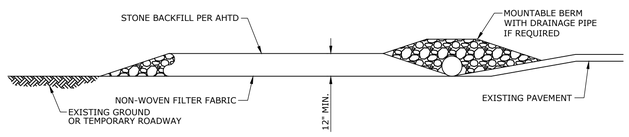




SIDEWALK DETAIL
N.T.S.



PLAN



PROFILE

STABILIZED CONSTRUCTION ENTRANCE
N.T.S.

DAVIDSON ENGINEERING
210 W. ARCH AVE., STE. D
SEARCY, AR 72143
TEL 501.388.2178

ELMHURST DRIVE-STORAGE FACILITY
HART CONSTRUCTION
JONESBORO, ARKANSAS

NO.	DATE	DESCRIPTION
		REVISIONS

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 19096
BRADEN COLE DAVIDSON
ORIGINAL SIGNATURE ON FILE

MISC. DETAILS I

PROJECT ENG:	DRAWN BY :
BCD	JGB
DATE: NOV 2024	
SCALE: NTS	JOB NUMBER: DE 23-104

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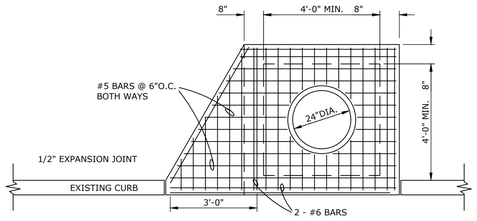

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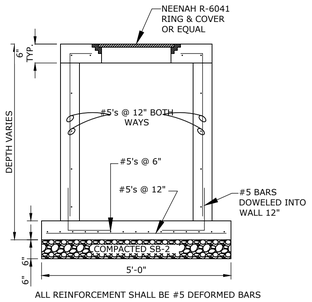
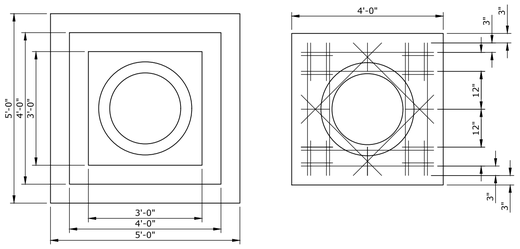
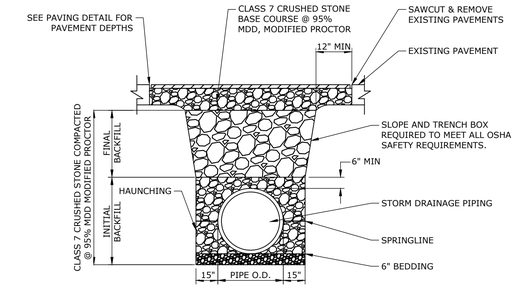


ALL REINFORCEMENT SHALL BE #5 DEFORMED BARS



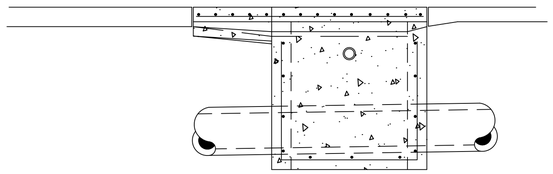
JUNCTION BOX DETAILS

N.T.S.



STORM DRAINAGE TRENCH DETAIL
(UNDER PAVING OR SLAB)

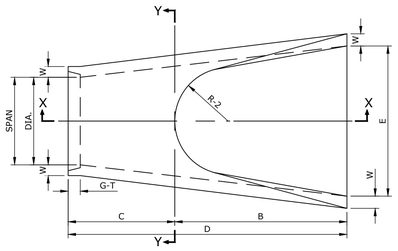
N.T.S.



STANDARD CURB INLET DETAIL

N.T.S.

D-0017.DWG

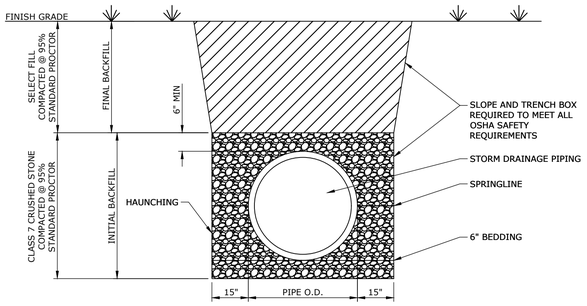


PLAN

N.T.S.

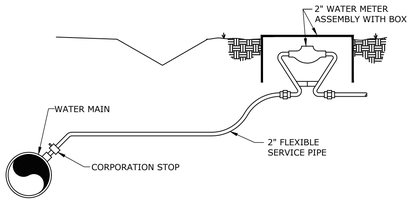
TABLE OF DIMENSIONS

DIA.	WALL	A	B	C	D	E	S	DIA.+1"	P	R-1	R-2	G-T	WT.	h
12"	2"	4"	2'-0"	4'-1"	6'-1"	2'-0"	2.2:1	13"			9"		530	
18"	2 1/2"	9"	2'-3"	3'-10"	6'-1"	3'-0"	3:1	19"	29"	15 1/2"	12"	2"	1000	1'-0 1/2"
24"	3"	9 1/2"	3'-7 1/2"	2'-6"	6'-1 1/2"	4'-0"	3:1	25"	33 3/16"	16 13/16"	14"	2 1/2"	1600	1'-1 1/2"
30"	3 1/2"	1'-0"	4'-6"	1'-7 3/4"	6'-1 3/4"	5'-0"	3:1	31"	37"	18 1/2"	15"	3 1/4"	1940	1'-4 5/8"
36"	4"	1'-3"	5'-3"	2'-10 3/4"	8'-1 3/4"	6'-0"	3:1	37"	47 11/16"	24 5/16"	20"	3 1/2"	4100	1'-8"
42"	4 1/2"	1'-9"	5'-3"	2'-11"	8'-2"	6'-6"	3:1	43"	53 7/8"	27 1/2"	22"	3 1/2"	5380	2'-2 1/2"
48"	5"	2'-0"	6'-0"	2'-2"	8'-2"	7'-0"	3:1	49"	56 1/2"	28 1/2"	22"	3 1/2"	6550	2'-6"
54"	5 1/2"	2'-4"	6'-6"	1'-10"	8'-4"	7'-6"	3:1	55"	65 1/2"	33 1/8"	24"	4"	8750	2'-10 1/2"
60"	6"	2'-10"	6'-6"	1'-10"	8'-4"	8'-0"	3:1	61"	72 1/2"	36 11/16"	24"	4"	9270	3'-5"
72"	7"	3'-10"	6'-6"	1'-10"	8'-4"	9'-0"	3:1	73"	77 13/16"	38 15/16"	24"	5"	13250	4'-6"



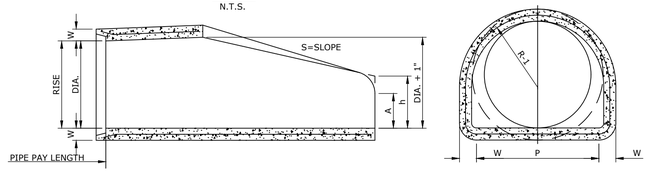
STORM DRAINAGE TRENCH DETAIL

N.T.S.



2" METER SERVICE WITH METER BOX

N.T.S.

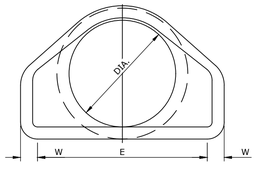


SECTION X-X

N.T.S.

SECTION Y-Y

N.T.S.



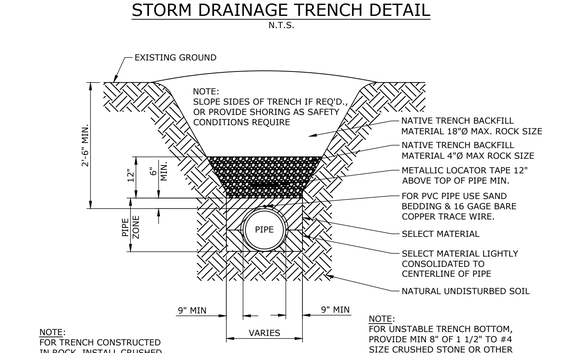
END VIEW

N.T.S.

NOTE: TONGUE END ON UPSTREAM SECTION
GROOVED END ON DOWNSTREAM SECTION

END SECTION FOR REINFORCED
CONCRETE PIPE CULVERTS

D-0158.DWG

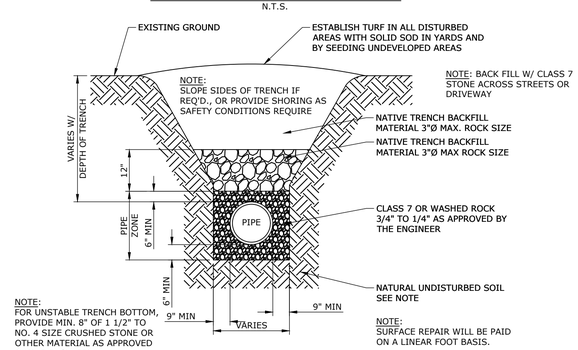


NOTE:
FOR TRENCH CONSTRUCTED IN ROCK, INSTALL CRUSHED STONE OR WASHED GRAVEL, 3/4" TO 1/4", FROM 6" BELOW BOTTOM OF PIPE TO 6" ABOVE TOP OF PIPE.

NOTE:
FOR UNSTABLE TRENCH BOTTOM, PROVIDE MIN 8" OF 1 1/2" TO #4 SIZE CRUSHED STONE OR OTHER MATERIAL AS APPROVED BY THE ENGINEER.

TYPICAL WATERLINE TRENCH

N.T.S.

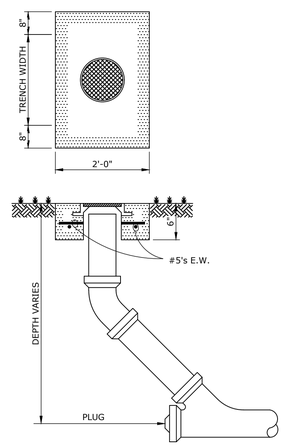


NOTE:
FOR UNSTABLE TRENCH BOTTOM, PROVIDE MIN. 8" OF 1 1/2" TO NO. 4 SIZE CRUSHED STONE OR OTHER MATERIAL AS APPROVED BY THE ENGINEER.

NOTE:
SURFACE REPAIR WILL BE PAID ON A LINEAR FOOT BASIS.

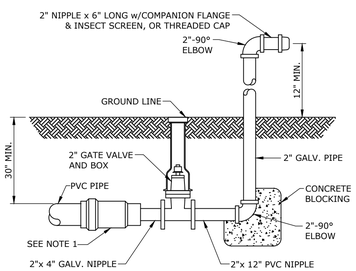
TYPICAL PVC SEWER TRENCH NOT
UNDER PAVEMENT

N.T.S.



CLEANOUT

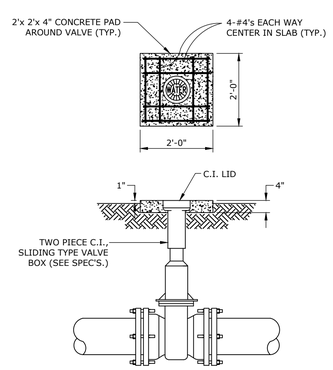
N.T.S.



NOTES:
1. FOR 2",3" AND 4" PVC PIPE USE FEMALE ADAPTER. FOR 6",8",10" AND 12" PVC PIPE, USE M.J. CAP w/2" TAP.
2. VALVE BOXES SHALL BE INSTALLED ON ALL B.O. VALVES.
3. ALL THREADED OUTLETS SHALL HAVE A DOUBLE WRAP OF 3-MIL TEFLON TAPE ON ALL THREADS.
4. DRILL 3/16" HOLE 16" BELOW GROUND AND PROVIDE 1/2 C.F. GRAVEL BED FOR GALVANIZED RISER.

2" BLOW-OFF ASSEMBLY

N.T.S



DETAIL-VALVE BOX

N.T.S.

DAVIDSON ENGINEERING
210 W. ARCH AVE., STE. D
SEARCY, AR 72143
TEL 501.388.2178

ELMHURST DRIVE-STORAGE FACILITY
HART CONSTRUCTION
JONESBORO, ARKANSAS

NO.	DATE	REVISIONS DESCRIPTION

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
BRADEN COLE DAVIDSON
No. 19096

ORIGINAL SIGNATURE ON FILE

MISC. DETAILS II

PROJECT ENG:	DRAWN BY:
BCD	JGB
DATE: NOV 2024	
SCALE: NTS	JOB NUMBER: DE 23-104

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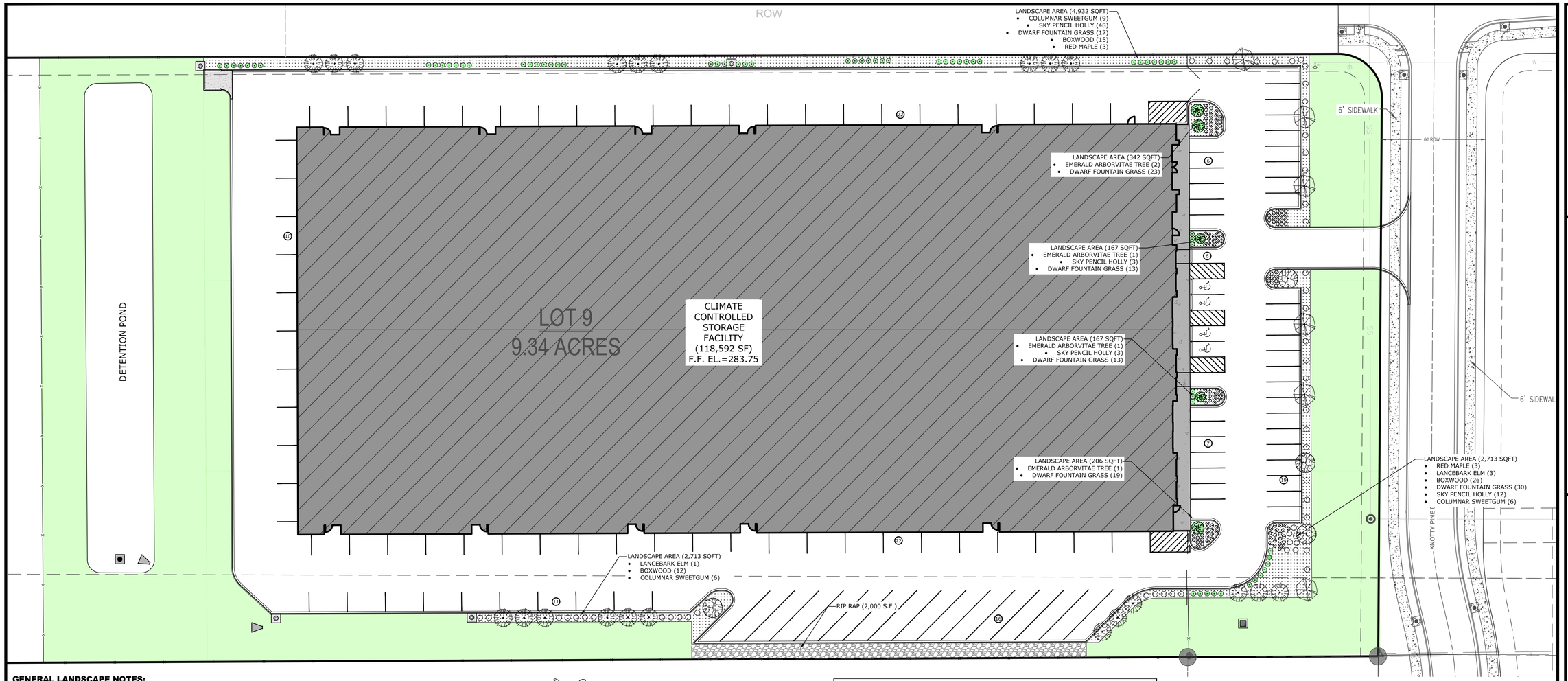
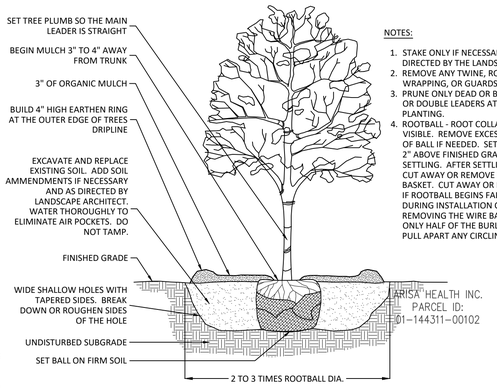
Z:\23-00023-104 - Elmhurst Dr. Jonesboro - Hart Construction\Design Drawings\23-104 DESIGN.dwg 4/16/25 at 7:21am



GENERAL LANDSCAPE NOTES:

1. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL PLANT QUANTITIES.
2. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR CALCULATION OF ALL GRASS AND MULCH AREAS. VERIFY LOCATIONS WITH OWNER.
3. ADJUSTMENTS IN ACTUAL LOCATION OF PLANT MATERIAL MAY BE NECESSARY DUE TO EXISTING FIELD ITEMS (AIR CONDITIONERS, TRANSFORMERS, ETC.).
4. FULL BED PREPARATION TYPICAL. REFERENCE PLANTING DETAILS.
5. LANDSCAPE CONTRACTOR TO PROVIDE A UNIT COST (INCLUDING INSTALLATION) FOR ALL ITEMS.
6. WHEN THE SAME SPECIES OF TREES ARE PAIRED OR GROUPED IN 3 OR MORE, THEY SHOULD BE MATCHED IN SIZE, SHAPE, GROWTH CHARACTERISTICS, ETC.
7. PLANT MATERIAL AVAILABILITY SHALL BE CONFIRMED BY LANDSCAPE CONTRACTOR PRIOR TO BIDDING. SHOULD SPECIFIED MATERIAL NOT BE AVAILABLE, THE OWNER AND ENGINEER SHALL BE NOTIFIED PRIOR TO BID DATE.
8. VERIFY LOCATION OF ALL UTILITY LINES PRIOR TO INSTALLATION. FIELD ADJUST FOR GENERAL INTENT IF CONFLICT EXISTS.
9. THE LANDSCAPE CONTRACTOR SHALL NOT ELIMINATE, SUBSTITUTE, AND/OR DOWNSIZE PLANT MATERIAL WITHOUT PRIOR APPROVAL OF THE OWNER AND ENGINEER. MINIMUM STANDARDS AND REQUIREMENTS OF THE CITY OF JONESBORO MUST BE MAINTAINED.
10. PLANTING BEDS SHALL RECEIVE 3 INCHES OF HARDWOOD MULCH TYPICAL.
11. ALL PLANT MATERIALS SHALL BE MAINTAINED BY OWNER IN A HEALTHY AND GROWING CONDITION, AND BE REPLACED WITH PLANT MATERIAL OF SIMILAR VARIETY AND SIZE IF DAMAGED, DESTROYED, OR REMOVED (SEE WARRANTY INFORMATION).
12. LANDSCAPE AREAS SHALL BE KEPT FREE OF TRASH, LITTER, WEEDS, AND OTHER MATERIAL OR PLANTS NOT A PART OF THE LANDSCAPING.
13. ALL LANDSCAPE AREAS SHALL BE CONSTRUCTED, INSTALLED, AND MAINTAINED SO AS NOT TO CONSTRUCT VIEW OF MOTORISTS BETWEEN THE STREET AND THE ACCESS DRIVES. VISIBILITY TRIANGLES SHALL ALWAYS REMAIN UNOBSTRUCTED.
14. ALL PERMEABLE SURFACES NOT OCCUPIED BY TREES, SHRUBS, PLANTING BEDS, EXISTING GRASS, SIGNS, AND OTHER PERMITTED ITEMS OR FIXTURES SHALL BE LAWN AREAS. THESE LAWN AREAS, UNLESS SPECIFIED OTHERWISE, SHALL BE BERMUDA SOD.
15. PLANT MATERIAL SHALL BE HEALTHY AND VIGOROUS, FULL BRANCHED ON ALL SIDES, WELL SHAPED SYMMETRICAL AND SHALL BE FREE OF DEFECTS, DECAY, SUN-SCALD INJURIES, ABRASIONS OF THE BARK AND LIMBS, DISEASE, INSECT EGGS AND LARVA.
16. THE OWNER OR ENGINEER HAS THE RIGHT TO INSPECT ALL MATERIALS PRIOR TO AND AFTER DELIVERY TO THE SITE AS WELL AS AFTER INSTALLATION AND SHALL RESERVE THE RIGHT TO ACCEPT OR REJECT SAID MATERIALS AT ANY TIME.
17. CONTRACTOR TO INSTALL AN UNDERGROUND POP-UP TYPE IRRIGATION SYSTEM. IRRIGATION SYSTEM SHALL WATER ALL LANDSCAPE PLANTING AND LAWN AREAS. ADJUSTMENTS TO THE SYSTEM SHALL LIMIT OVERSPRAY ONTO ADJACENT ROADWAYS AND CONSERVE WATER TO THE GREATEST EXTENT POSSIBLE. IRRIGATION CONTRACTOR TO COORDINATE WITH CIVIL ENGINEER AND SITE CONTRACTOR FOR LOCATION OF SLEEVING FOR IRRIGATION SYSTEM.
18. TOPSOIL SHALL BE FERTILE NATURAL SURFACE SOIL, UNIFORM IN COMPOSITION, SIMILAR TO SITE TOPSOIL IF APPROVED, FREE OF STONES LUMPS WEEDS, AND ROOTS. MINIMUM 20 PERCENT ORGANIC MATTER, 50 TO 50 PERCENT SAND, 15-20 PERCENT CLAY.
19. THERE SHALL BE A 3 INCH MINIMUM LAYER OF GOOD TOPSOIL IN ALL GRASS AREAS. GRADE AREAS AROUND SIDEWALKS AND CURBS 1 INCH BELOW TOP OF CONCRETE TO ALLOW FOR SOD THICKNESS.
20. TOPSOIL IN PLANTING BEDS TO BE MOUNDED AND GRADED IN A WAY TO ALLOW POSITIVE DRAINAGE AWAY FROM BUILDING AND TO DETER ANY PONDING.



NOTES:

1. STAKE ONLY IF NECESSARY AND AS DIRECTED BY THE LANDSCAPE ARCHITECT.
2. REMOVE ANY TWINE, ROPE, FLAGGING, WRAPPING, OR GUARDS FROM TREE.
3. PRUNE ONLY DEAD OR BROKEN BRANCHES OR DOUBLE LEADERS AT TIME OF PLANTING.
4. ROOTBALL - ROOT COLLAR SHALL BE VISIBLE. REMOVE EXCESS SOIL FROM TOP OF BALL IF NEEDED. SET TOP OF BALL 1" TO 2" ABOVE FINISHED GRADE TO ALLOW FOR SETTLING. AFTER SETTLING BALL IN HOLE, CUT AWAY OR REMOVE THE ENTIRE WIRE BASKET. CUT AWAY OR REMOVE BURLAP. IF ROOTBALL BEGINS FALLING APART DURING INSTALLATION OR WHILE REMOVING THE WIRE BASKET, CUT AWAY ONLY HALF OF THE BURLAP. SCORE OR PULL APART ANY CIRCLING ROOTS.

ARSK HEALTH INC.
PARCEL ID:
01-144311-00102

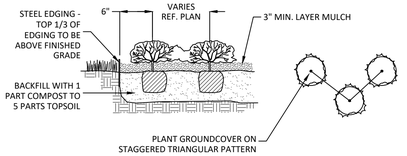
DETAIL - TREE PLANTING
SCALE - NTS

WARRANTY:

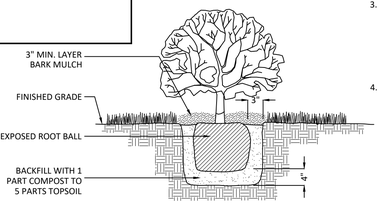
ALL WORK IS WARRANTED FOR (1) FULL YEAR AFTER INITIAL ACCEPTANCE. THE LANDSCAPE CONTRACTOR IS OBLIGATED TO CORRECT ANY WORK FOUND TO BE DEFECTIVE OR NONCONFORMING. UPON NOTICE, REMOVE DEAD MATERIALS AND ALL MATERIALS NOT IN VIGOROUS, THRIVING CONDITION, AS SOON AS WEATHER PERMITS AND ON NOTIFICATION BY THE LANDSCAPE ARCHITECT OR OWNER. PLANTS, INCLUDING TREES, WHICH HAVE PARTIALLY DIED SO THAT SHAPE, SIZE OR SYMMETRY HAS BEEN DAMAGED, SHALL BE CONSIDERED FOR REPLACEMENT. IN SUCH CASES, THE OPINION OF THE LANDSCAPE ARCHITECT WILL BE FINAL. ANNUAL PLANTS WILL BE GUARANTEED FOR A PERIOD COINCIDING WITH THEIR NORMAL SEASON OF GROWTH. PLANTS USED FOR REPLACEMENT SHALL BE OF THE SAME KIND AND SIZE AS THOSE ORIGINALLY PLANTED, AND SHALL BE PLANTED AS ORIGINALLY SPECIFIED. ALL WORK, INCLUDING MATERIALS, LABOR, AND EQUIPMENT USED IN REPLACEMENT, WILL BE AT NO COST TO THE OWNER. REPLACEMENT PLANTS SHALL CARRY A ONE (1) YEAR WARRANTY. ANY DAMAGE, INCLUDING RUTS IN LAWN OR BED AREAS, INCURRED IN MAKING REPLACEMENTS SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER OR LANDSCAPE ARCHITECT BY THE LANDSCAPE CONTRACTOR.

PLANT MATERIAL LIST

SYMBOL	COMMON NAME	SCIENTIFIC NAME	QUAN.	SIZE	REMARKS
TREES					
	LACEBARK ELM	ULMUS PARVIFOLIA	4	2 1/2" CAL.	BALLED & BURLAPPED, SINGLE-TRUNK, FULL CROWN
	RED MAPLE	ACER RUBRUM	6	2 1/2" CAL.	BALLED & BURLAPPED, SINGLE-TRUNK, FULL CROWN
	EMERALD ARBORVITAE	THUJA OCCIDENTALIS 'SMARAGD'	5	2 1/2" CAL.	BALLED & BURLAPPED, SINGLE-TRUNK, FULL CROWN
	COLUMNAR SWEETGUM	LIQUIDAMBAR STYRACIFLUA	21	2 1/2" CAL.	BALLED & BURLAPPED, SINGLE-TRUNK, FULL CROWN
SHRUBS					
	BOXWOOD	BUXUS SEMPERVIRENS	53	5 GAL	FULL
	SKY PENCIL HOLLY	LLEX CRENATA 'SKY PENCIL'	66	5 GAL	FULL
PERENNIALS					
	DWARF FOUNTAIN GRASS	PENNISETUM ALOPECUROIDES	115	1 GAL	



DETAIL - GROUNDCOVER PLANTING
SCALE - NTS



DETAIL - SHRUB PLANTING
SCALE - NTS

PLAN SCALE

30 0 15 30 60

(IN FEET)
1 inch = 30ft.

LANDSCAPE CALCULATIONS:

1. PROPERTY AREA: 268,870 SQFT (6.18± ACRES)
2. TREE AND SHRUB REQUIREMENTS
   a. 1 TREE OR SHRUB PER 2,000 SQFT
      A. 268,870/2,000 = 134.44 134 TOTAL TREES & SHRUBS REQUIRED
   b. 25% HAS TO BE TREES
      A. 134 x 25% = 33.5 36 TOTAL TREES
      B. TOTAL PLANNED TREES = 36
   d. SHRUBS
      A. 134 (TOTAL TREES & SHRUBS) -36 (PLANNED TREES) = 98 TOTAL SHRUBS
   e. TOTAL PLANNED SHRUBS = 119
   f. PERENNIALS (20 = 1 SHRUB)
      A. MAX OF 15% OF REQUIRED SHRUBS
      B. 98 x 15% = 15 SHRUBS (300 PERENNIALS)
      C. PLANNED PERENNIALS = 115 (6 SHRUBS)
3. GREENSPACE
   a. LANDSCAPE AREAS
      - PHASE 1 = 9,493 SQFT
      - TOTAL = 9,493 SQ FT (3.5%)
   b. BERMUDA GRASS AREA
      - PHASE 1 = 50,215 SQFT
      - TOTAL = 50,215 SQFT (18.7%)
4. OPEN SPACE
   - GREENSPACE = 59,708 SQFT
   - DETENTION POND - REAR = 10,922 SQFT
   - RIP RAP = 2,000 SQFT
   - TOTAL = 72,630 SQFT (27.0%)

DAVIDSON ENGINEERING
210 W. ARCH AVE., STE. D
SEARCY, AR 72143
TEL 501.388.2178

ELMHURST DRIVE-STORAGE FACILITY
HART CONSTRUCTION
JONESBORO, ARKANSAS

NO.	DATE	REVISIONS DESCRIPTION

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 19096
RAYDEN COLE DAVIDSON
ORIGINAL SIGNATURE ON FILE

LANDSCAPING PLAN

PROJECT ENG:	DRAWN BY:
BCD	JGB
DATE: NOV 2024	
SCALE: 1" = 30'	JOB NUMBER: DE 23-104

L1.0

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