



PROJECT INFORMATION
KEIP BUILD READY SITE

PIKEVILLE, KY 41501

KENTUCKY ENTERPRISE INDUSTRIAL PARK

BUILD-READY SITE

REVISION

CURRENT REVISION:
DATE:
DESCRIPTION:

SHEET INFORMATION

PROJECT NUMBER: 24010
ISSUE DATE: 09.26.2024
ISSUED FOR: SDP
PRODUCED BY: JV
APPROVED BY: JV

G.000
COVER

ABBREVIATIONS

A		L	
A/C	AIR CONDITION	L	ANGLE
A/E	ARCHITECT / ENGINEER	LAB	LABORATORY
AB	ANCHOR BOLT	LAM	LAMINATE
ACI	AMERICAN CONCRETE INSTITUTE	LBS	POUNDS
ACT	ACOUSTIC CEILING TILE	LED	LIGHT EMITTING DIODE
ADA	AMERICANS WITH DISABILITIES ACT	LF	LINEAR FEET (FOOT)
ADJ	ADJACENT, ADJUSTABLE	LH	LEFT HAND
ADMIN	ADMINISTRATION	LHR	LEFT HAND REVERSE
AFF	ABOVE FINISHED FLOOR	LIB	LIBRARY
AHJ	AUTHORITY HAVING JURISDICTION	LIN	LINEAR
AHU	AIR HANDLING UNIT	LL	LIVE LOAD
AIA	AMERICAN INSTITUTE OF ARCHITECTS	LT	LIGHT
ASC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	LTG	LIGHTING
ALUM	ALUMINUM	M	
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	m	METER
ARCH	ARCHITECT	MATL	MATERIAL
AVG	AVERAGE	MAX	MAXIMUM
AWI	ARCHITECTURAL WOODWORKING INSTITUTE	MECH	MECHANICAL
B		MEZZ	MEZZANINE
BD	BOARD	MFR	MANUFACTURER
BLDG	BUILDING	MIN	MINIMUM, MINUTE
B.O.	BOTTOM OF BASEMENT	MT	MOUNT
BSMT	BASEMENT	MTL	METAL
BTU	BRITISH THERMAL UNIT	N	
BW	BOTH WAYS	N	NORTH
C		NA	NOT APPLICABLE
CCD	CONTRACT CHANGE DIRECTIVE	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CD	CONSTRUCTION DOCUMENTS	NIC	NOT IN CONTRACT
CF	CONTRACTOR FURNISHED	NO	NUMBER
CI	CONTRACTOR INSTALLED	NOM	NOMINAL
CFC	CHLOROFLUOROCARBONS	NTS	NOT TO SCALE
CFM	CUBIC FEET PER MINUTE	O	
CFS	CUBIC FEET PER SECOND	OC	ON CENTER
CFP	CAST IN PLACE	OP	
CJ	CONTROL JOINT	P	
CL	CENTER LINE, CLASS	PLB	PLUMB
CLG	CEILING	PLBG	PLUMBING
CLR	CLEAR, COLOR	PLF	POUNDS PER LINEAR FOOT
CM	CONSTRUCTION MANAGEMENT	PLYWD	PLYWOOD
CMU	CONCRETE MASONRY UNIT	PNL	PANEL
CO	CERTIFICATE OF OCCUPANCY, CLEANOUT	PSF	POUNDS PER SQUARE FOOT
COL	COLUMN	PSI	POUNDS PER SQUARE INCH
CONC	CONCRETE	PT	PAINT, PRESSURE TREATED
CONTR	CONTRACTOR	Q	
CORR	CORRIDOR	QTY	QUANTITY
CPT	CARPET	R	
CSI	CONSTRUCTION SPECIFICATIONS INSTITUTE	R	RADIUS, RISER
CT	CERAMIC TILE, COUNT	RB	RESILIENT BASE, RUBBER BASE
CTR	CENTER	RD	ROAD, ROOF DRAIN
CU	CUBIC	REBAR	REINFORCING STEEL BARS
D		REC	RECESSED
D	DEEP, DEPTH	REF	REFRIGERATOR
DBL	DOUBLE	REQ	REQUIRE
DEG	DEGREE	RFG	ROOFING
DEMO	DEMOLITION	RFI	REQUEST FOR INFORMATION
DEPT	DEPARTMENT	RH	RIGHT HAND
DET	DETAIL	RHR	RIGHT HAND REVERSE
DF	DRINKING FOUNTAIN	RM	ROOM
DIA	DIAMETER	RO	ROUGH OPENING
DIFF	DIFFERENCE, DIFFUSER	RTG	RATING
DIM	DIMENSION	S	
DIST	DISTANCE	S	SOUTH
DL	DEAD LOAD	SD	SMOKE DETECTOR, STORM DRAIN
DR	DOOR, DRAIN	SDG	SIDING
DS	DOWNSPOUT	SECT	SECTION
DW	DISHWASHER	SF	SQUARE FOOT (FEET)
DWG	DRAWING	SGL	SINGLE
E		SHT	SHEET
E	EAST	SIM	SIMILAR
EA	EACH	SPEC	SPECIFICATION
EF	EACH FACE	SQ	SQUARE
EFS	EXTERIOR INSULATION AND FINISH SYSTEM	SST	STAINLESS STEEL
EJ	EXPANSION JOINT	ST	STAIRS, STREET
EL	ELEVATION	STD	STANDARD
ELEC	ELECTRIC	STL	STEEL
ELEV	ELEVATOR	SWR	SEWER
ENCL	ENCLOSURE	SYM	SYMBOL
ENGR	ENGINEER	T	
EPA	ENVIRONMENTAL PROTECTION AGENCY	T&G	TONGUE AND GROOVE
EQ	EQUAL	TEL	TELEPHONE
EST	ESTIMATE	TEMP	TEMPERATURE, TEMPORARY
EW	EACH WAY	THK	THICKNESS
EXP	EXPANSION, EXPOSED	TMPD	TEMPERED
EXT	EXTERIOR	TO	TOP OF
F		TSTAT	THERMOSTAT
FAR	FLOOR AREA RATIO	TV	TELEVISION
FD	FLOOR DRAIN	TYP	TYPICAL
FEC	FIRE EXTINGUISHER CABINET	U	
FF&E	FURNITURE, FIXTURES, AND EQUIPMENT	UH	UNIT HEATER
FIN	FINISH	UL	UNDERWRITERS LABORATORIES
FLR	FLOOR	UNO	UNLESS NOTED OTHERWISE
FR	FIRE RATING, FIRE RESISTANT, FRAME	V	
FT	FEET (FOOT)	VAR	VARIABLE
FTG	FOOTING	VAV	VARIABLE AIR VOLUME
G		VCT	VINYL COMPOSITION TILE
GA	GAGE	VOC	VOLATILE ORGANIC COMPOUND
GLZ	GLAZING	VOL	VOLUME
GYP BD	GYPSPUM BOARD	W	
H		W	WIDE
H	HIGH	W/	WITH
HB	HOSE BIBB	W/O	WITHOUT
HDR	HEADER	WC	WATER CLOSET
HDW	HARDWARE	WCO	WALL CLEANOUT
HM	HOLLOW METAL	WD	WOOD
HT	HEIGHT	WDW	WINDOW
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING	WF	WIDE FLANGE
HW	HOT WATER	WL	WIND LOAD
I		WLD	WELDED
IAQ	INDOOR AIR QUALITY	WP	WATERPROOFING, WEATHERPROOF
IBC	INTERNATIONAL BUILDING CODE	WT	WEIGHT
ID	IDENTIFICATION, INTERIOR DESIGN	WWF	WELDED WIRE FABRIC
INT	INTERIOR	X	
INV	INVERT	XPS	EXTRUDED POLYSTYRENE BOARD (INSULATION)
J		Y	
JAN	JANITOR	YD	YARD
K			
KBC	KENTUCKY BUILDING CODE		
KP	THOUSAND POUNDS		
KIT	KITCHEN		
KWY	KEYWAY		

MATERIALS LEGEND

	ACOUSTIC CEILING
	ALUMINUM
	BATT INSULATION
	BRICK MASONRY
	CONCRETE
	CONCRETE MASONRY
	EARTH
	GRAVEL
	PARTICLE BOARD
	PLYWOOD
	RIGID INSULATION
	SAND / STUCCO
	STEEL
	WOOD BLOCKING
	WOOD FRAMING
	WOODWORK

SYMBOLS LEGEND

	A.NNN.UU	SHEET NUMBER
		SUPPLEMENTAL / REVISION DESIGNATOR
		SHEET SEQUENCE DESIGNATOR
		SHEET TYPE DESIGNATOR
		DISCIPLINE DESIGNATOR
		NORTH ARROW
		GRAPHIC SCALE
	00 NAME: 1/8" = 1'-0"	DRAWING TITLE
	---	STRUCTURAL GRID LINE
	--- LEVEL 100'-0"	VERTICAL ELEVATION
	101	DOOR TAG
	△	WINDOW / STOREFRONT TAG
	1 SIM A101	BLDG / WALL SECTION CALLOUT
	1 SIM A101	DETAIL SECTION CALLOUT
	1 Ref A101 1 Ref	ELEVATION CALLOUT
	1 SIM A101	PLAN DETAIL CALLOUT
	A10	PARTITION TYPE TAG
	101 150 SF	ROOM NAME
	1'-0" 6"	ROOF PITCH
	△	DRAWING REVISION

GENERAL NOTES

- NO WORK IS TO BEGIN WITHOUT PROPER PERMITS. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH GOVERNING FEDERAL, STATE, AND LOCAL CODES AND PROCEDURES.
- STATED DIMENSIONS TAKE PRECEDENCE OVER GRAPHICAL INFORMATION. DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AT THE JOB SITE AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.
- THE CONTRACTOR SHALL CORRECT DEFECTIVE OR DEFICIENT WORK TO CONFORM WITH THE CONTRACT DOCUMENTS REGARDLESS OF WHEN THE DEFECTIVE OR DEFICIENT WORK IS DISCOVERED. ANY ADDITIONAL WORK RELATING TO THE DEFECTIVE WORK SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- ALL EQUIPMENT AND SYSTEMS ARE TO BE INSTALLED AS RECOMMENDED BY THE MANUFACTURER FOR A COMPLETE, FUNCTIONAL AND WEATHER TIGHT ASSEMBLY, INCLUDING ALL NECESSARY COMPONENTS FOR THE SPECIFIED WARRANTY. ALL SPECIFIED MATERIALS AND EQUIPMENT SHALL BE NEW, UNUSED, AND UNDAMAGED.
- LOCATE ALL UTILITIES AND COORDINATE LOCATIONS WITH NEW CONSTRUCTION. PROTECT EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.
- WHERE NO SPECIFIC DETAIL IS SHOWN, THE FRAMING OR CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION ON THE PROJECT.
- FOLLOW MANUFACTURER'S RECOMMENDED SPECIFICATIONS AND INSTALLATION PROCEDURES UNLESS OTHERWISE DIRECTED.
- PROVIDE FIRE EXTINGUISHERS AS SHOWN OR AS REQUIRED BY LOCAL FIRE MARSHALL OR BUILDING CODE INSPECTOR.
- FIRE RATED WALLS SHALL EXTEND TO THE UNDERSIDE OF THE STRUCTURE ABOVE OR TERMINATE AT A RATED CEILING ASSEMBLY.
- PROVIDE ADEQUATE ANCHORAGE, BLOCKING, BACKING AND FRAMING FOR SPRINKLERS, PIPING, LIGHT FIXTURES, ELECTRICAL UNITS, HVAC EQUIPMENT, CEILING TRACKS, ETC., AS REQUIRED FOR A COMPLETE INSTALLATION.
- PROVIDE ADEQUATE BLOCKING AND ANCHORAGE FOR CEILING AND WALL MOUNTED EQUIPMENT, GRAB BARS, HANDRAILS, CABINETS, LIGHT FIXTURES, ETC.
- ALL DOOR AND EGRESS HARDWARE SHALL BE APPROVED TO MEET ACCESSIBILITY REQUIREMENTS. (I.E., LEVER HANDLES, ETC.)
- ALL PLUMBING FIXTURES AND ACCESSORIES SHALL MEET ACCESSIBILITY REQUIREMENTS UNLESS OTHERWISE NOTED (I.E., TOILETS, LAVS, FAUCETS, GRAB BARS, ETC.)
- THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK REQUIRING ADDITIONAL COMPENSATION BEYOND THE CONTRACT AMOUNT WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT. FAILURE TO OBTAIN AUTHORIZATION SHALL INVALIDATE ANY CLAIM FOR EXTRA COMPENSATION.
- "TYPICAL" OR "TYP." MEANS IDENTICAL FOR ALL SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
- "SIMILAR" OR "SIM." MEANS COMPARABLE CHARACTERISTICS TO THE CONDITION NOTED.
- CONTRACTOR SHALL THOROUGHLY EXAMINE THE PROJECT EXTENTS AND SHALL BASE HIS BID ON THE EXISTING CONDITIONS, NOTWITHSTANDING ANY INFORMATION INDICATED OR NOT INDICATED ON THE CONSTRUCTION DOCUMENTS.
- THE GENERAL CONTRACTOR IS RESPONSIBLE TO ENSURE THAT EACH SUBCONTRACTOR IS AWARE OF THE INFORMATION CONTAINED ON EACH DRAWING AND IN EACH SPECIFICATION SECTION. ALL WORK INDICATED HEREIN SHALL BE FURNISHED AND INSTALLED FOR A COMPLETE AND OPERATIONAL SYSTEM EVEN IF COORDINATING INFORMATION IS NOT INDICATED FOR A PARTICULAR TRADE.
- ALL DRAWINGS AND WRITTEN MATERIAL, HEREIN CONSTITUTE THE ORIGINAL AND UNPUBLISHED WORK OF THE ARCHITECT, AND MAY NOT BE DUPLICATED, USED, OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

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BUILDING CODE INFORMATION

- APPLICABLE BUILDING CODES:**
- 2018 KENTUCKY BUILDING CODE (BASED ON THE 2015 INTERNATIONAL BUILDING CODE WITH KENTUCKY AMENDMENTS)
 - 2015 INTERNATIONAL MECHANICAL CODE
 - 2012 INTERNATIONAL FIRE CODE (NEW CONSTRUCTION PROJECTS, ONLY WHEN SPECIFICALLY REFERENCED BY THE BODY OF CODE)
 - 2012 INTERNATIONAL ENERGY CONSERVATION CODE (FOR USE WITH THE KENTUCKY BUILDING CODE ONLY EXCLUDING R2, R-3 AND R-4 CONSTRUCTION)
 - 2009 ICC/ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
 - KENTUCKY STATE PLUMBING LAW, REGULATIONS & CODE (KRS CHAPTER 318 AND 815 KAR CHAPTER 20)
 - STATE BOILER REGULATION (KRS CHAPTER 236, 815 KAR CHAPTER 15)
 - 2012 NFPA 1 - FIRE PREVENTION CODE (AS DIRECTED BY 815 KAR 10:60 KENTUCKY STANDARDS OF SAFETY)
 - 2010 NFPA 13 - INSTALLATION OF SPRINKLER SYSTEMS
 - 2010 NFPA 13R - INSTALLATION OF SPRINKLER SYSTEMS IN RESIDENTIAL OCCUPANCIES UP TO AND INCLUDING FOUR STORIES IN HEIGHT
 - 2010 NFPA 14 - INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
 - 2009 NFPA 54 - NATIONAL FUEL GAS CODE
 - 2017 NFPA 70 - NATIONAL ELECTRICAL CODE
 - 2010 NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE
 - 2012 NFPA 101 - LIFE SAFETY CODE (HEALTH CARE FACILITIES)
 - GB-03-01- STRUCTURAL ENGINEERS ASSOCIATION OF KENTUCKY - SPECIAL INSPECTION GUIDELINES, THIRD EDITION, MARCH 2007

BUILDING DESIGN INFORMATION:

OCCUPANCY CLASSIFICATION(S):	MODERATE HAZARD FACTORY INDUSTRIAL (F-1) BUSINESS (B)
CONSTRUCTION CLASSIFICATION(S):	TYPE IIB
ALLOWABLE AREA (PER STORY):	UNLIMITED (SECTION 507.5)
FRONTAGE INCREASE:	N/A
SPRINKLER SYSTEM INCREASE:	NFA 13 SPRINKLER SYSTEM (TO BE DESIGNED AND FURNISHED IN NEXT PHASE)
TOTAL ALLOWABLE AREA (PER STORY):	UNLIMITED (SECTION 507.5)
ACTUAL AREA:	101,404 SF
ALLOWABLE STORIES:	2
ACTUAL STORIES:	1
ALLOWABLE HEIGHT:	75' - 0"
ACTUAL HEIGHT:	36' - 0"
OCCUPANT LOAD:	571
PLUMBING FIXTURE REQUIREMENTS:	TBD
ACTUAL PLUMBING FIXTURES:	TBD

DESIGN TEAM

- OWNER:**
CITY OF PIKEVILLE
243 MAIN STREET, PIKEVILLE, KY 41501
T: 606.437.5100
- ARCHITECT:**
URBAN FABRIC, PLLC
JOSH VERNON, AIA
P.O. BOX 888, MURRAY, KY 42071
T: 270.761.5674
E: JOSH@URBANFABRICARCH.COM
- SURVEYOR:**
ENVIRONMENTAL DESIGN CONSULTANTS, INC.
TIM CAMPOY, P.E.
43 VILLAGE STREET, PIKEVILLE, KY 41501
T: 606.437.0100
E: TMCAMPOY@BELLSOUTH.NET
- CIVIL ENGINEER:**
PALMER ENGINEERING
CHRIS MISCHER, P.E.
1040 MONARCH STREET, STE 210, LEXINGTON, KY 40513
T: 859.389.9293
E: CMISCHER@PALMERNET.COM
- MECHANICAL ENGINEER:**
TBD
- ELECTRICAL ENGINEER:**
TBD

URBAN FABRIC
ARCHITECTURE & PLANNING

PIKEVILLE, KENTUCKY
MOVES MOUNTAINS
FOR PROGRESS
SINCE 1824

PALMER
ENGINEERING

ENVIRONMENTAL
DESIGN
CONSULTANTS, INC.

PROJECT INFORMATION

KEIP BUILD READY SITE

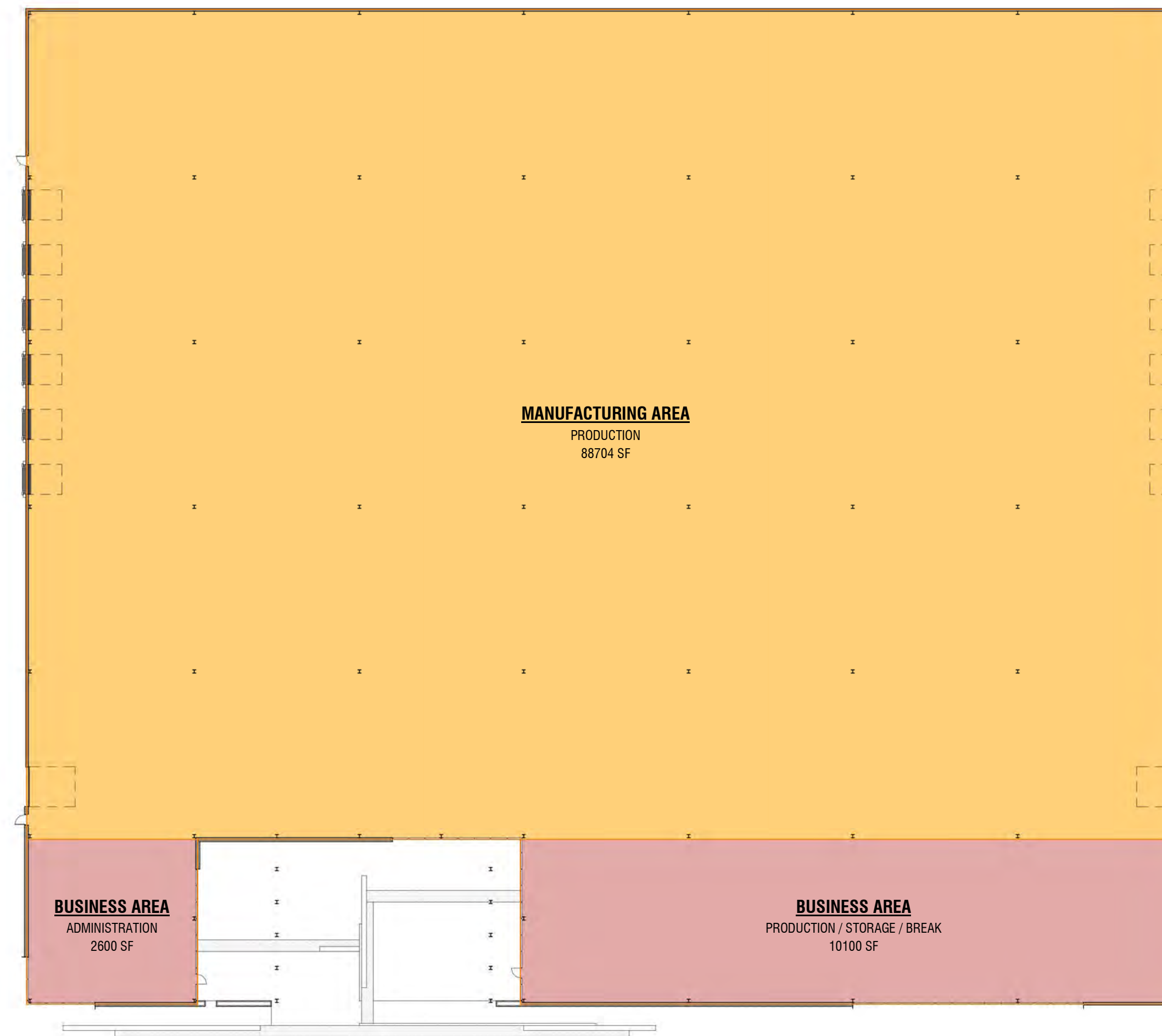
PIKEVILLE, KY 41501

REVISION
CURRENT REVISION: DATE: DESCRIPTION:

SHEET INFORMATION
PROJECT NUMBER: 241010
ISSUE DATE: 04.01.2025
ISSUED FOR: BID PROCUREMENT
PRODUCED BY: JV
APPROVED BY: JV

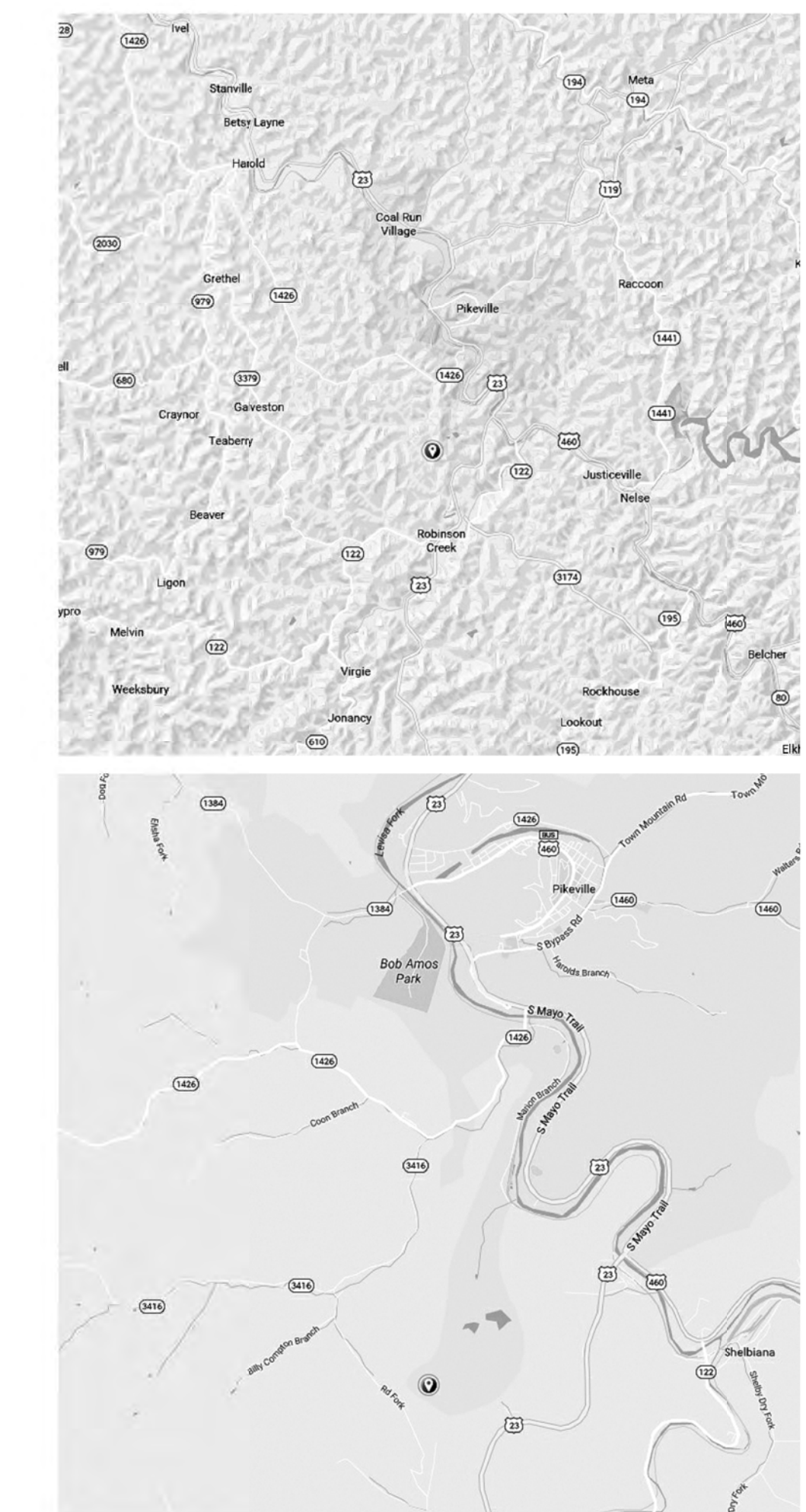
G.001

PROJECT INFORMATION



1 FIRST LEVEL AREA DIAGRAM: 1/32" = 1'-0"

VICINITY MAPS



SITE AND BUILDING AREA INFORMATION

- SITE AREA**
- TOTAL PROPERTY AREA = XXX ACRES (XXX SQUARE FEET)
- BUILDING AREA**
- TOTAL BUILDING AREA = 101,404 SF
- OCCUPANT LOAD**
- MANUFACTURING AREA = 444 OCCUPANTS (88,704 SF ÷ 200 OLF)
 - BUSINESS AREAS = 127 OCCUPANTS (12,700 SF ÷ 100 OLF)
 - TOTAL = 571 OCCUPANTS**

PROJECT INFORMATION
KEIP BUILD READY SITE

PIKEVILLE, KY 41501

AREA SCHEDULE		
NAME	TYPE	AREA
PRODUCTION	MANUFACTURING AREA	88704 SF
ADMINISTRATION	BUSINESS AREA	2600 SF
PRODUCTION / STORAGE / BREAK	BUSINESS AREA	10100 SF
		12700 SF

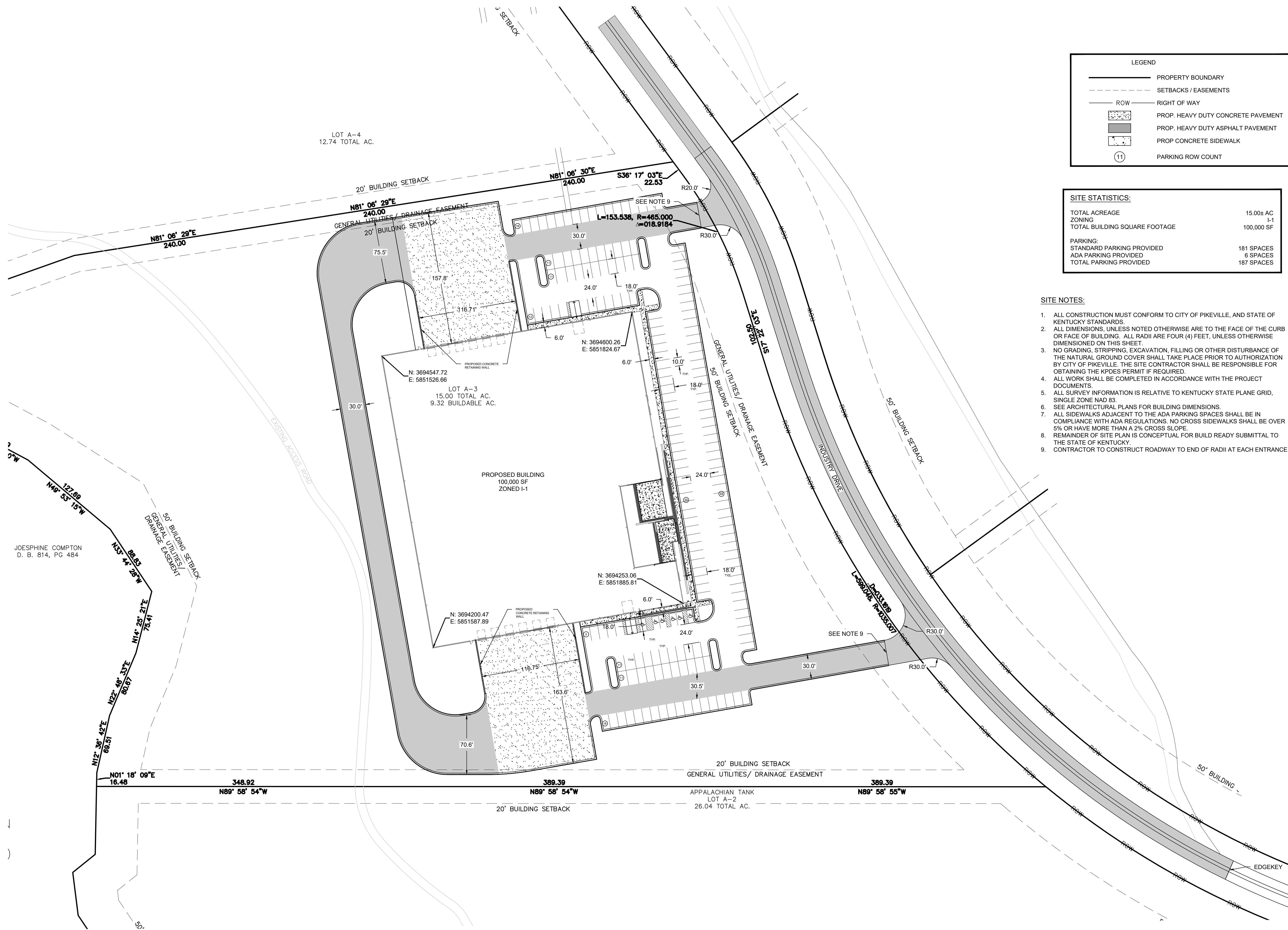
REVISION

CURRENT REVISION:
DATE:
DESCRIPTION:

SHEET INFORMATION

PROJECT NUMBER: 24010
ISSUE DATE: 09.26.2024
ISSUED FOR: SDP
PRODUCED BY: JV
APPROVED BY: JV

G.005
AREA DIAGRAMS



PROJECT INFORMATION
KEIP BUILD READY SITE

PIKEVILLE, KY 41501

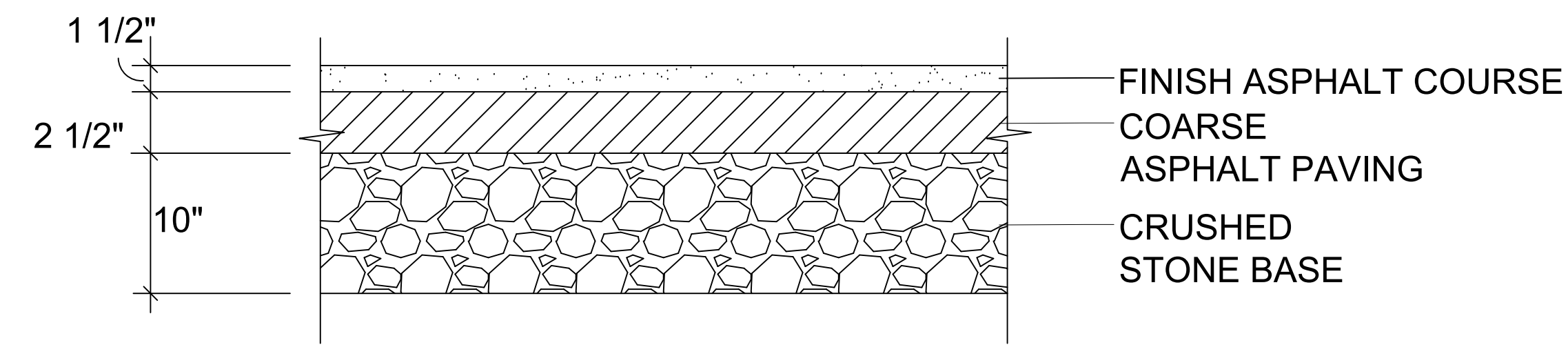
REVISION

CURRENT REVISION:
DATE:
DESCRIPTION:

SHEET INFORMATION

PROJECT NUMBER: 24010
ISSUE DATE: 11.13.2024
ISSUED FOR: BID PROCUREMENT
PRODUCED BY: EMR
APPROVED BY: CMM

C.100
SITE PLAN

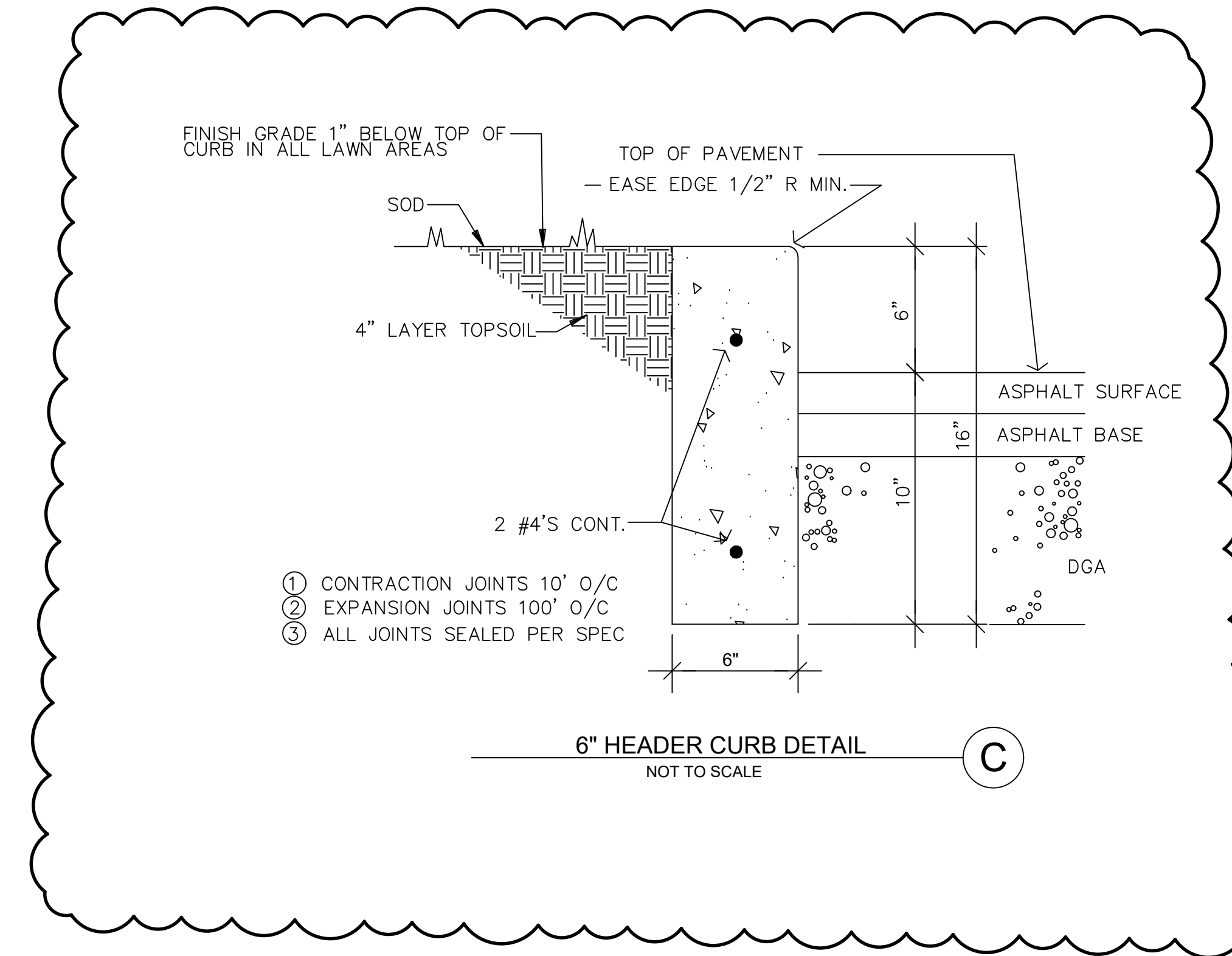


*REFER TO GEOTECHNICAL REPORT BY CONSULTING SERVICES INCORPORATED ON OCTOBER 28, 2024.

HEAVY DUTY ASPHALT PAVEMENT

NOT TO SCALE

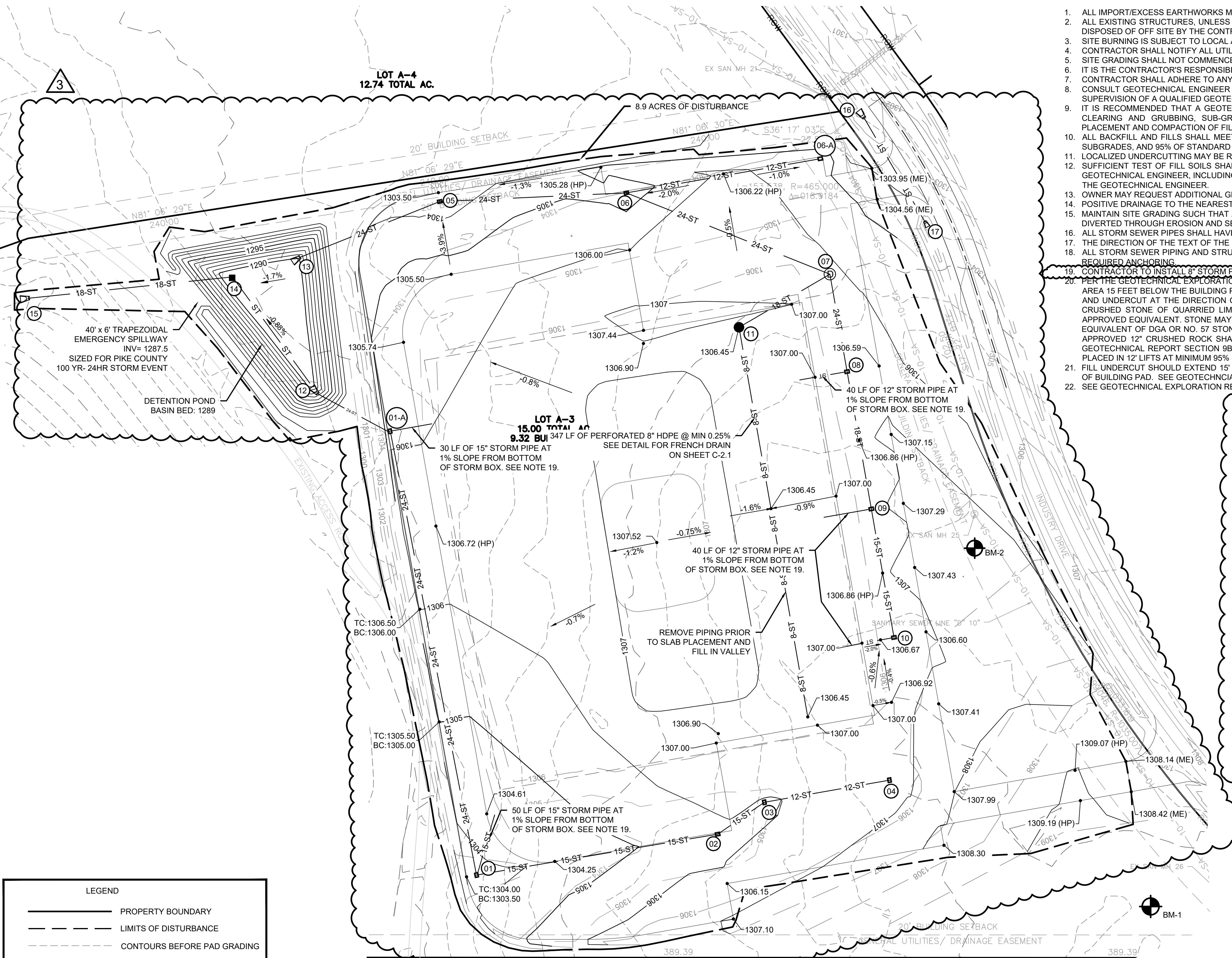
A



3

GRADING & DRAINAGE NOTES:

- ALL IMPORT/EXCESS EARTHWORKS MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXISTING STRUCTURES, UNLESS OTHERWISE NOTED, INCLUDING TREES, FENCING, & ETC., WITHIN THE CONSTRUCTION AREA SHALL BE REMOVED AND DISPOSED OF OFF SITE BY THE CONTRACTOR.
- SITE BURNING IS SUBJECT TO LOCAL AUTHORITIES AND OWNER.
- CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE PRIOR TO EXCAVATION.
- SITE GRADING SHALL NOT COMMENCE UNTIL APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CIVIL ENGINEER IF ON-SITE DISCREPANCIES ARE OBSERVED REGARDING THE DESIGN.
- CONTRACTOR SHALL ADHERE TO ANY AND ALL GEOTECHNICAL REPORTS FOR THE PROJECT.
- CONSULT GEOTECHNICAL ENGINEER FOR PROPER STABILIZATION OF THE SITE. ANY STABILIZATION PROCEDURE SHOULD BE PERFORMED UNDER DIRECT SUPERVISION OF A QUALIFIED GEOTECHNICAL ENGINEER.
- IT IS RECOMMENDED THAT A GEOTECHNICAL ENGINEER OBSERVE, INSPECT AND TEST ALL EARTHWORK OPERATIONS INCLUDING, BUT NOT LIMITED TO, CLEARING AND GRUBBING, SUB-GRADE PREPARATION, STRUCTURAL PREPARATION, STRUCTURAL AND TRENCH EXCAVATION AND BACKFILL, AND PLACEMENT AND COMPACTION OF FILL.
- ALL BACKFILL AND FILLS SHALL MEET COMPACTION REQUIREMENTS AS A MINIMUM OF 98% OF STANDARD PROCTOR FOR BUILDING PAD AND PAVEMENT SUBGRADES, AND 95% OF STANDARD PROCTOR FOR ALL OTHER AREAS.
- LOCALIZED UNDERCUTTING MAY BE REQUIRED ON SITE AND SHOULD BE COORDINATED WITH A QUALIFIED GEOTECHNICAL REPRESENTATIVE.
- SUFFICIENT TEST OF FILL SOILS SHALL BE MADE TO VERIFY THAT SOIL PROPERTIES COMPLY WITH THE DESIGN REQUIREMENTS, AS DETERMINED BY THE GEOTECHNICAL ENGINEER, INCLUDING: SOIL TYPES, SHEAR STRENGTH PARAMETERS AND CORRESPONDING UNIT WEIGHTS AS DETERMINED NECESSARY BY THE GEOTECHNICAL ENGINEER.
- OWNER MAY REQUEST ADDITIONAL GEOTECHNICAL TESTING, AT OWNER EXPENSE, AS APPEARS NECESSARY.
- POSITIVE DRAINAGE TO THE NEAREST DRAINAGE FEATURE MUST BE MAINTAINED AT ALL TIMES. NO PONDING SHALL BE PERMITTED.
- MAINTAIN SITE GRADING SUCH THAT ALL SURFACE WATER (WITHIN EARTH DISTURBING LIMITS AND/OR FROM THE DEWATERING PROCESS, IF REQUIRED) IS DIVERTED THROUGH EROSION AND SEDIMENT CONTROL MEASURES.
- ALL STORM SEWER PIPES SHALL HAVE A SMOOTH INTERIOR AND BE HDPE OR REINFORCED CONCRETE PIPE (TRAFFIC RATED PIPE).
- THE DIRECTION OF THE TEXT OF THE CONTOUR LABEL INDICATES THE DIRECTION OF THE SLOPE.
- ALL STORM SEWER PIPING AND STRUCTURES SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS, INCLUDING ANY REQUIRED ANCHORING.
- CONTRACTOR TO INSTALL 8" STORM PIPES FOR FUTURE UNDERGROUND DOWNSPOUT DRAINS. PLEASE STAKE AT PIPE LOCATION.
- PER THE GEOTECHNICAL EXPLORATION REPORT, THIS SITE IS LOCATED ON MINE SPOIL FILL. CONTRACTOR TO UNDERCUT WITHIN THE BUILDING FOOT PRINT AREA 15 FEET BELOW THE BUILDING PAD ELEVATION. ONCE UNDERCUT IS COMPLETE THE BOTTOM SHOULD BE PROOF ROLLED TO CHECK FOR SOFT AREAS AND UNDERCUT AT THE DIRECTION OF THE GEOTECHNICAL ENGINEER PROVIDED. CONTRACTOR TO THEN PLACE FOUR FOOT (4') LAYER OF COMPACTED CRUSHED STONE OF QUARRIED LIMESTONE OR CRUSHED SANDSTONE ON SITE IN 12" LIFTS WITH THREE (3) LAYERS OF TENSAR TX5 OR TX140 OR APPROVED EQUIVALENT. STONE MAY BE IMPORTED OR STONE FROM SITE MAY BE USED IF APPROVED BY GEOTECHNICAL ENGINEER. STONE MUST BE THE EQUIVALENT OF DGA OR NO. 57 STONE. ONCE THE INITIAL LAYER OF GEOGRID AND ROCK IS PLACED, TWO MORE LAYERS OF GEOGRID AND TWO LIFTS OF APPROVED 12" CRUSHED ROCK SHALL BE PLACED. FINALLY, ONE 12" LAYER OF APPROVED CRUSH STONE SHALL BE PLACED WITHOUT GEOGRID. SEE GEOTECHNICAL REPORT SECTION 9B FOR DETAILS. AFTER GEOGRID REINFORCEMENT IS COMPLETE MASS STRUCTURAL FILL MAY OCCUR. FILL WILL BE PLACED IN 12" LIFTS AT MINIMUM 95% STANDARD COMPACTION. MAXIMUM PARTICLE SIZE OF ROCK SHALL BE 12".
- FILL UNDERCUT SHOULD EXTEND 15' HORIZONTALLY BEYOND THE PROPOSED BUILDING PAD AREA. COMPACTION REQUIREMENTS SHALL OCCUR WITHIN 5' OF BUILDING PAD. SEE GEOTECHNICAL EXPLORATION REPORT SECTION 9B FOR DETAILS.
- SEE GEOTECHNICAL EXPLORATION REPORT BY CSI DATED OCTOBER 28, 2024 FOR DETAILS.



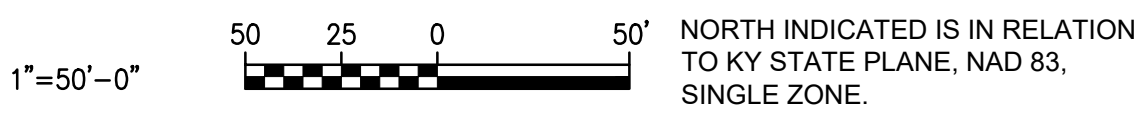
STRUCTURE ID	DESCRIPTION	STRUCTURE RIM	STRUCTURE INVERT
01-A	DROP BOX INLET	1305.84	1295.05
01	DROP BOX INLET	1303.00	1298.00
02	DROP BOX INLET	1305.70	1300.99
03	DROP BOX INLET	1305.93	1301.49
04	DROP BOX INLET	1306.42	1302.60
05	DROP BOX INLET	1303.00	1296.18
06	DROP BOX INLET	1304.46	1297.82
06-A	DROP BOX INLET	1305.34	1299.52
07	DROP BOX INLET	1306.18	1299.75
08	DROP BOX INLET	1306.31	1300.62
09	DROP BOX INLET	1306.31	1301.85
10	DROP BOX INLET	1306.31	1303.00
11	YARD DRAIN	1306.45	1303.45
12	24" HEADWALL		1291.00
13	24" HEADWALL		1291.00
14	36" X 36" OUTLET	1296.00	1289.00
15	18" HEADWALL		1285.00
16	24" HEADWALL		1300.00
17	24" HEADWALL		1302.00

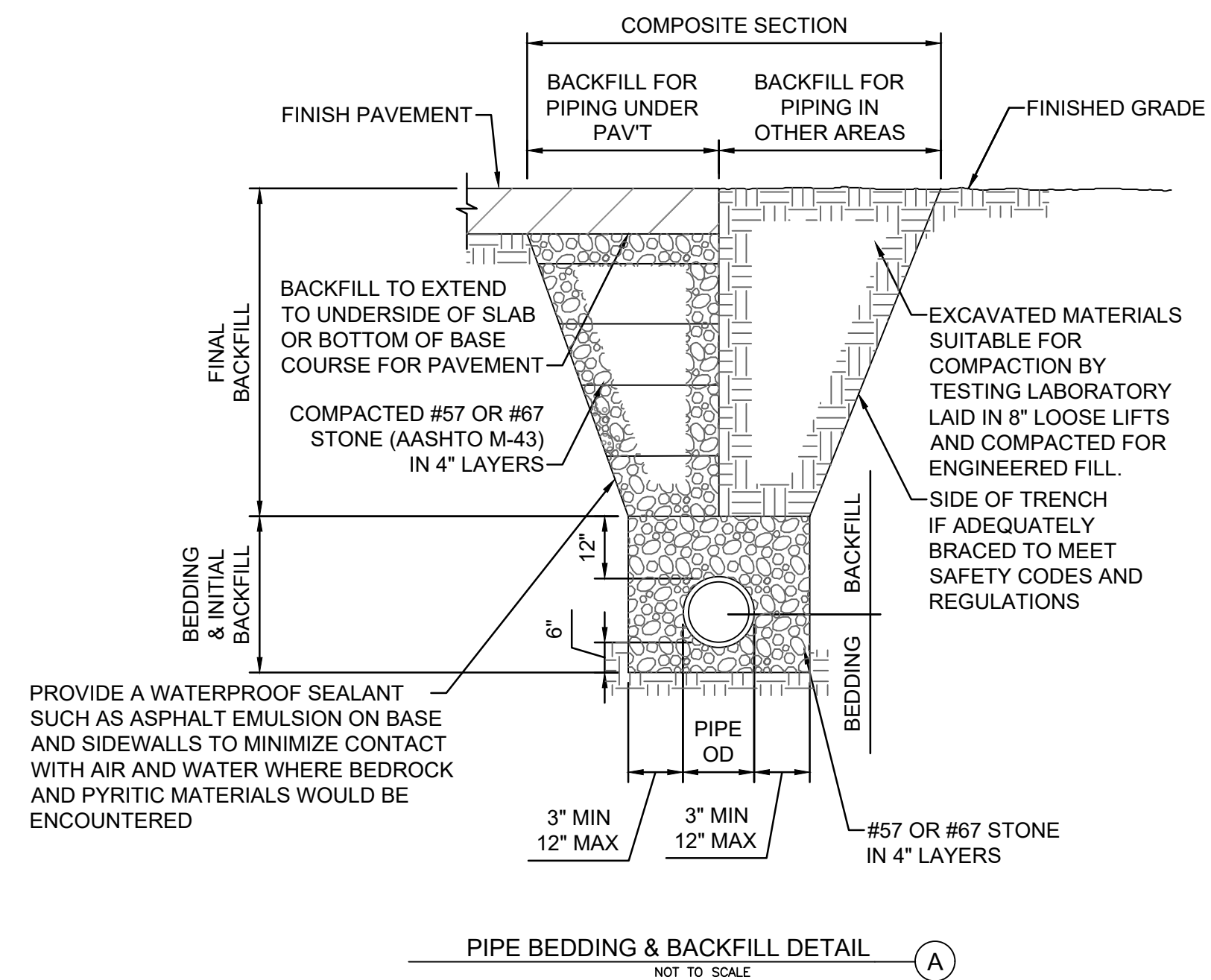
PIPE ID	PIPE SIZE	PIPE SLOPE	PIPE LENGTH (LF)
12-01-A	24"	5.80%	70
01-A-01	24"	0.75%	392
01-02	15"	1.4%	215
02-03	15"	1.0%	50
03-04	12"	1.0%	112
13-05	24"	3.9%	132
05-06	24"	1.0%	164
06-06-A	12"	1.0%	170
06-07	24"	1.0%	193
07-11	18"	4.0%	93
PERFORATED PIPE	8"	MIN .25%	347
07-08	24"	1.0%	87
08-09	18"	1.0%	123
09-10	15"	1.0%	115
15-14	18"	2.3%	176
16-17	24"	2.0%	105

LEGEND

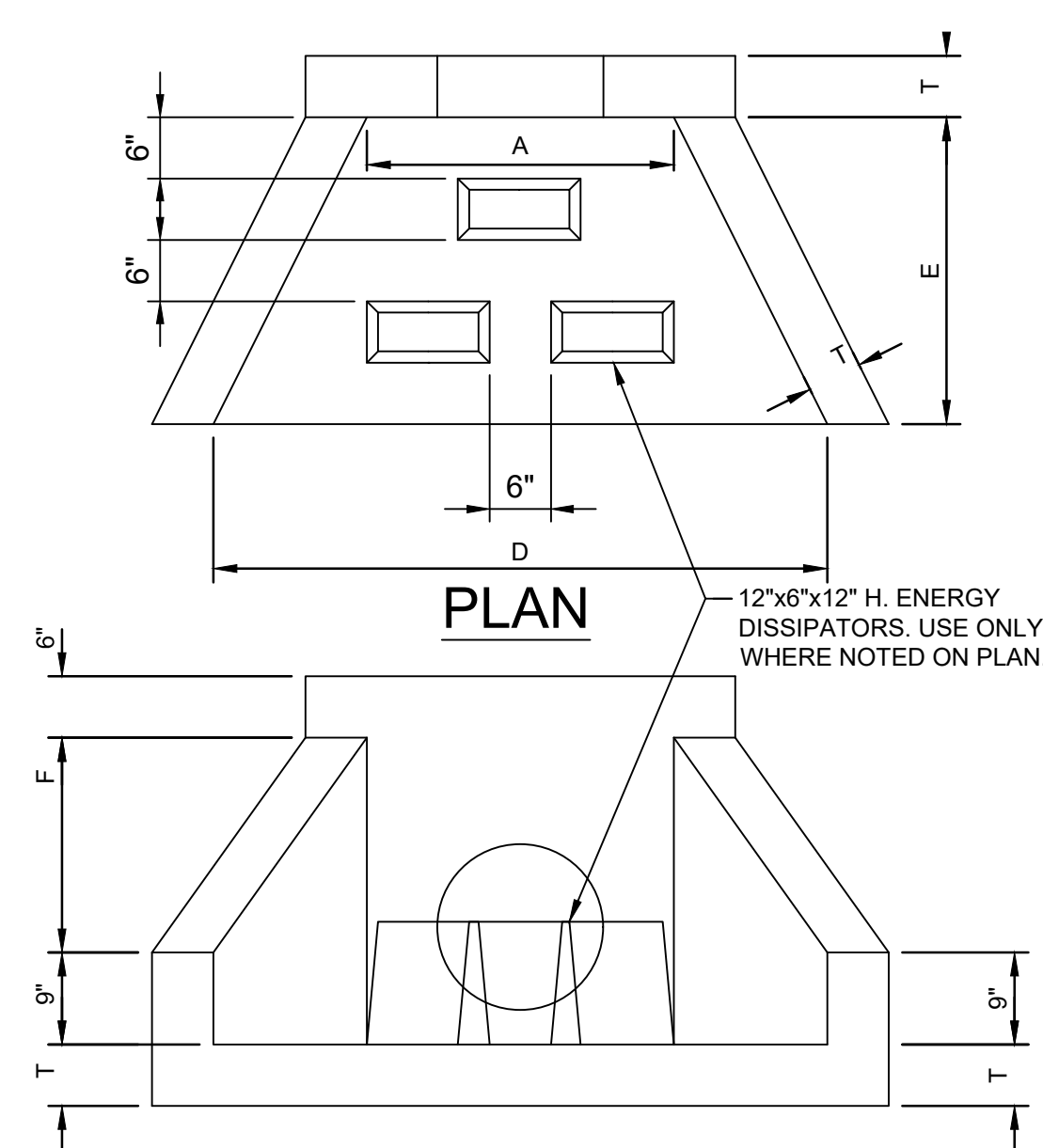
- PROPERTY BOUNDARY
- LIMITS OF DISTURBANCE
- CONTOURS BEFORE PAD GRADING
- EXISTING PAD GRADING CONTOURS
- 965 PROPOSED CONTOUR
- 12-ST PROP. 12" STORM LINE
- 15-ST PROP. 15" STORM LINE
- 18-ST PROP. 18" STORM LINE
- 24-ST PROP. 24" STORM LINE
- 8-ST PROP. 8" STORM LINE
- CONTROL POINT
- PROP. STORM HEADWALL
- PROP. STORM STRUCTURES
- 1302.00 SPOT ELEVATION
- 1302.00(ME) MATCH ELEVATION
- 1302.00(HP) HIGH POINT

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM-1	3,694,080.75	5,852,146.08	1,311.02	IPC SET
BM-2	3,694,395.02	5,851,991.82	1308.76	IPC SET



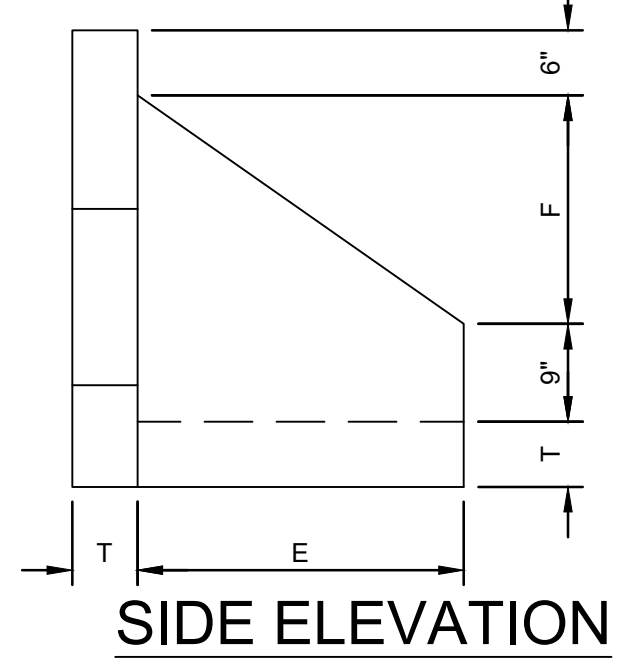


PIPE BEDDING & BACKFILL DETAIL (A)
NOT TO SCALE



FRONT ELEVATION
CONCRETE: 4000 PSI AT 28 DAYS
REINFORCED WITH NO. 4 BARS 10\"/>

PIPE SIZES	A	D	E	F	T (MIN)
15"	2'-6"	5'-0"	2'-6"	1'-9"	6"
18"	2'-6"	5'-0"	2'-6"	1'-9"	6"
21"	2'-6"	5'-0"	2'-6"	1'-9"	6"
24"	4'-0"	6'-6"	3'-6"	3'-3"	6"
30"	4'-0"	6'-6"	3'-6"	3'-3"	6"
36"	5'-6"	8'-0"	3'-6"	4'-5"	6"
42"	5'-6"	8'-0"	4'-0"	4'-5"	6"
48"	5'-6"	8'-0"	4'-0"	4'-5"	6"
54"	7'-0"	9'-5"	4'-6"	5'-9"	6"
60"	7'-0"	9'-5"	4'-6"	5'-9"	6"
66"	8'-6"	11'-0"	5'-6"	6'-11"	6"
72"	8'-6"	11'-0"	5'-6"	6'-11"	6"

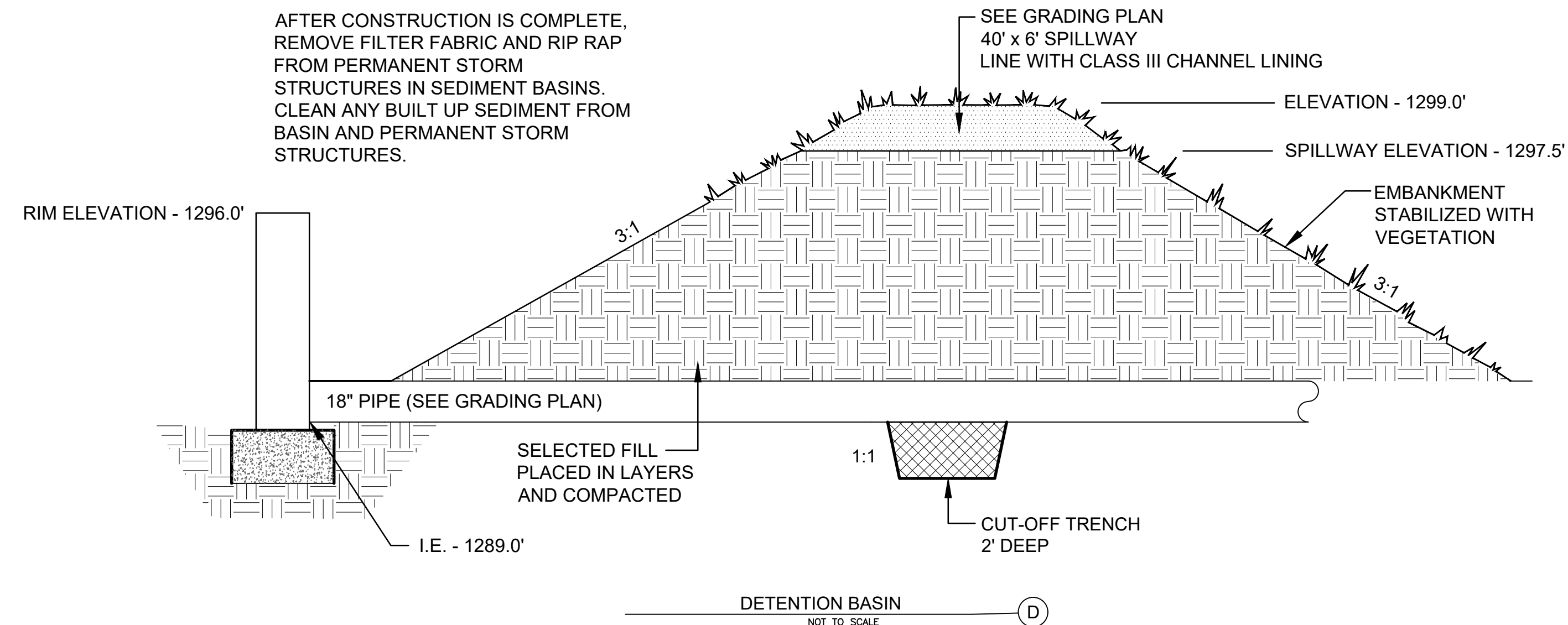


PERFORATED PIPE DETAIL (C)
NOT TO SCALE

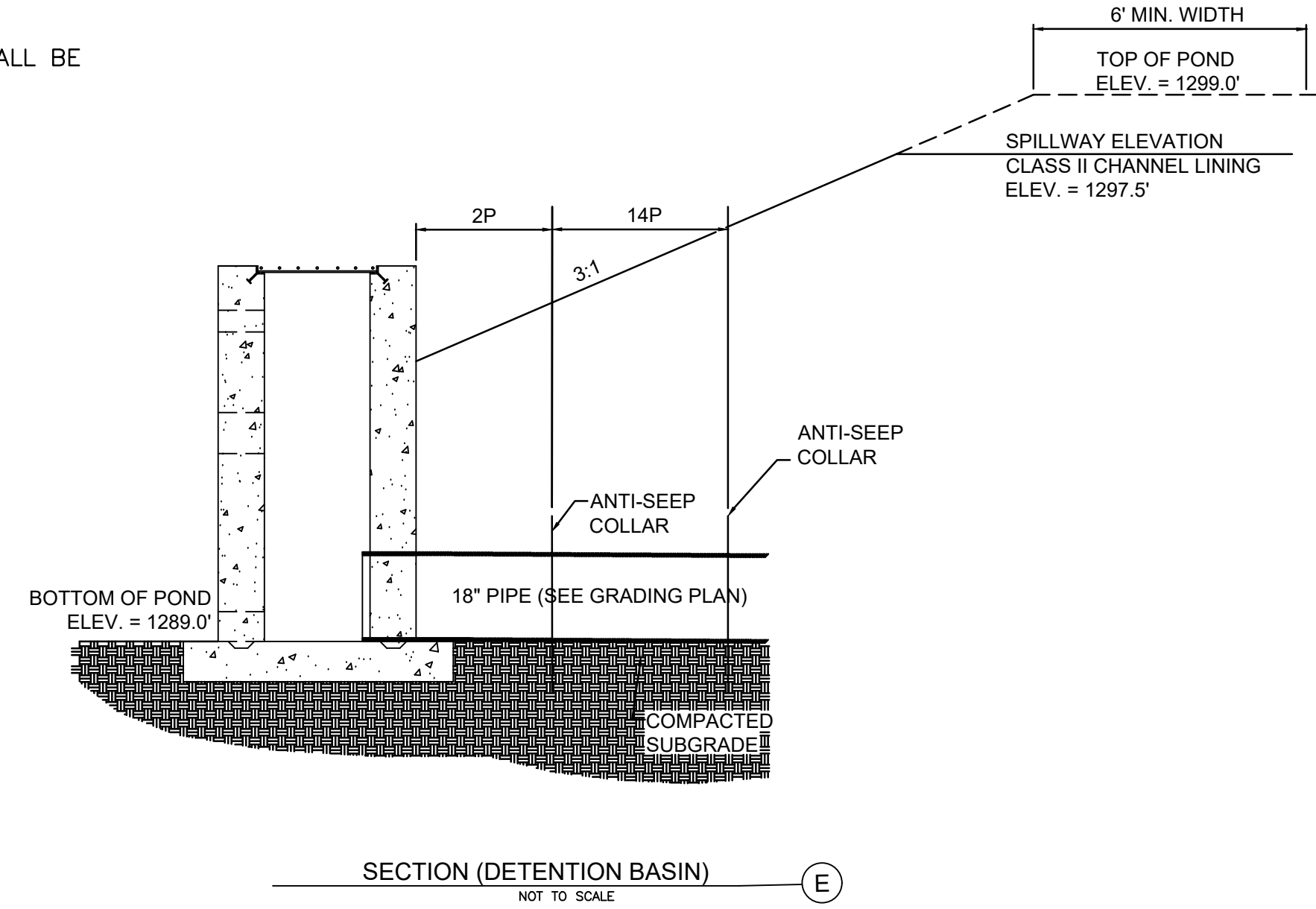
NOTE: DIMENSIONS SHOWN ARE MINIMUMS AND MAY BE EXCEEDED.

NOTE: A 3' HIGH, BLACK PVC COATED, 9 GAUGE CHAIN LINK FENCE WITH 2 1/2" DIA. CORNER POST SHALL BE PLACED ON TOP OF HEADWALLS GREATER THAN 30".

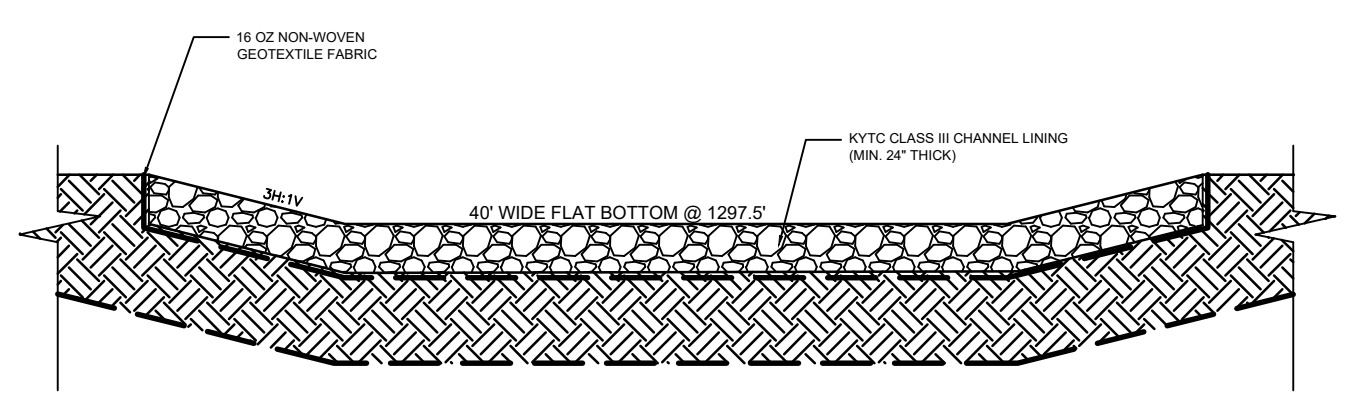
HEADWALL DETAIL (B)
NOT TO SCALE



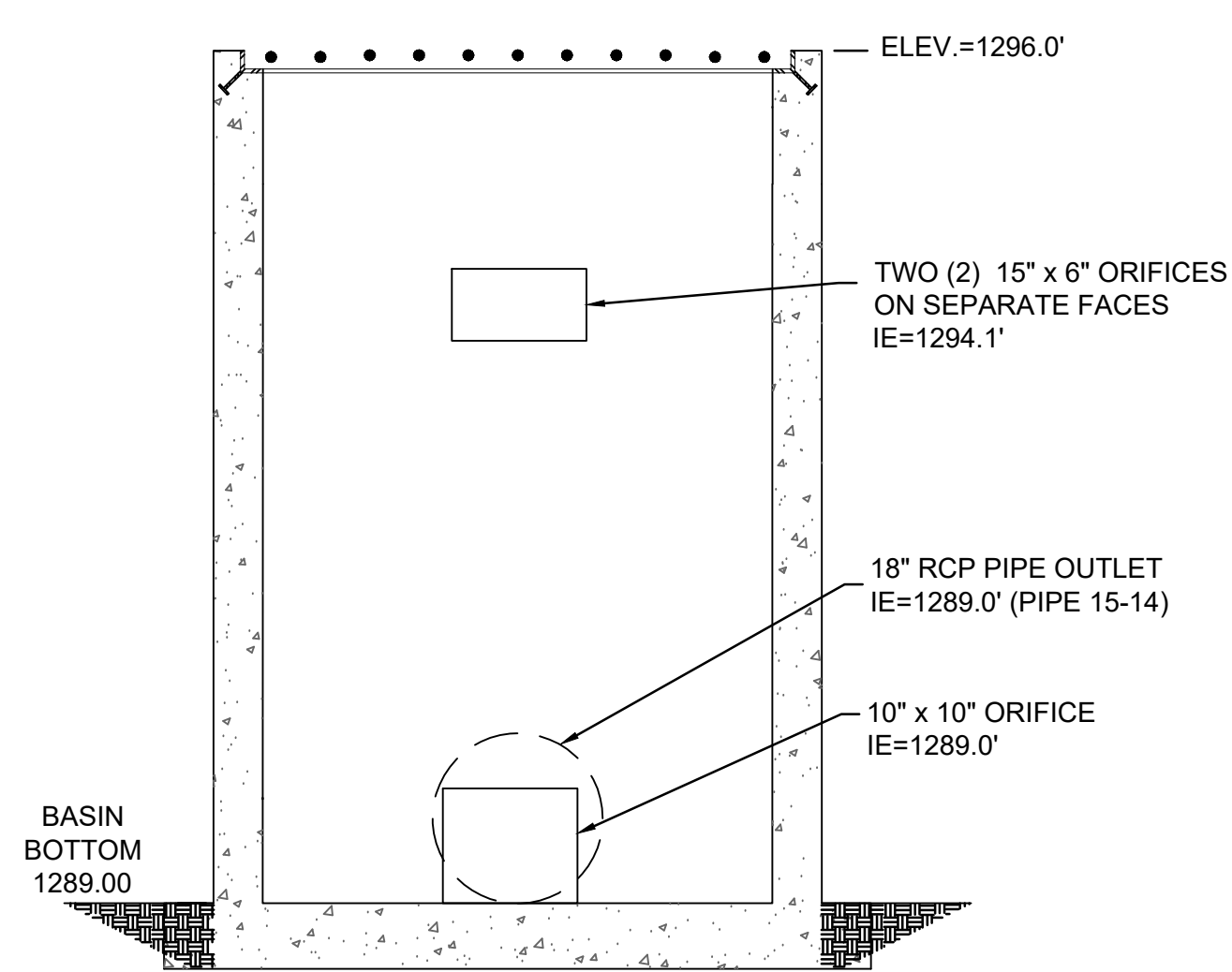
DETENTION BASIN (D)
NOT TO SCALE



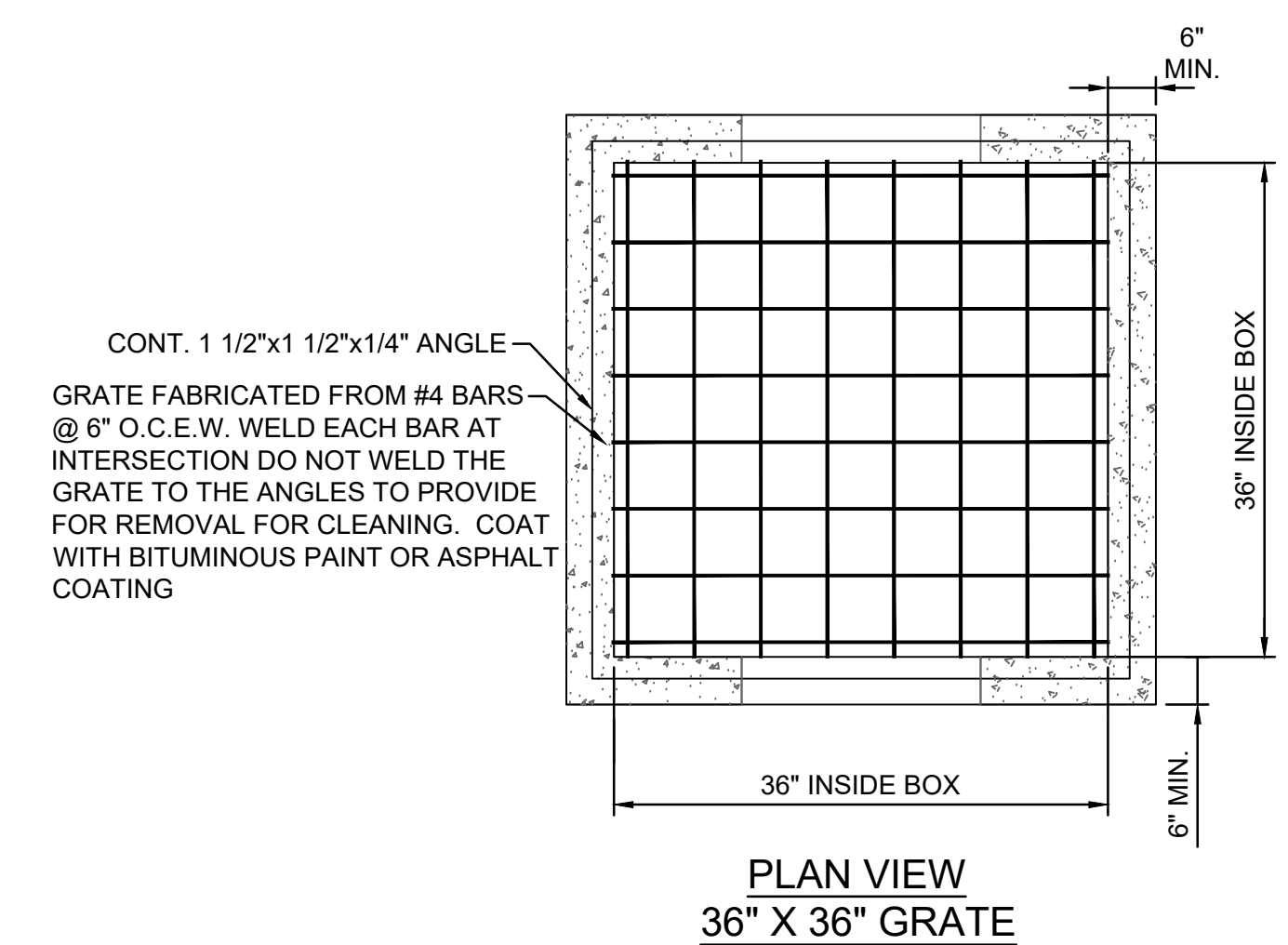
SECTION (DETENTION BASIN) (E)
NOT TO SCALE



OVERFLOW SPILLWAY DETAIL (G)
NOT TO SCALE



36" OUTLET STRUCTURE DETAIL (F)
NOT TO SCALE



PLAN VIEW 36" X 36" GRATE

ENTIRE SHEET



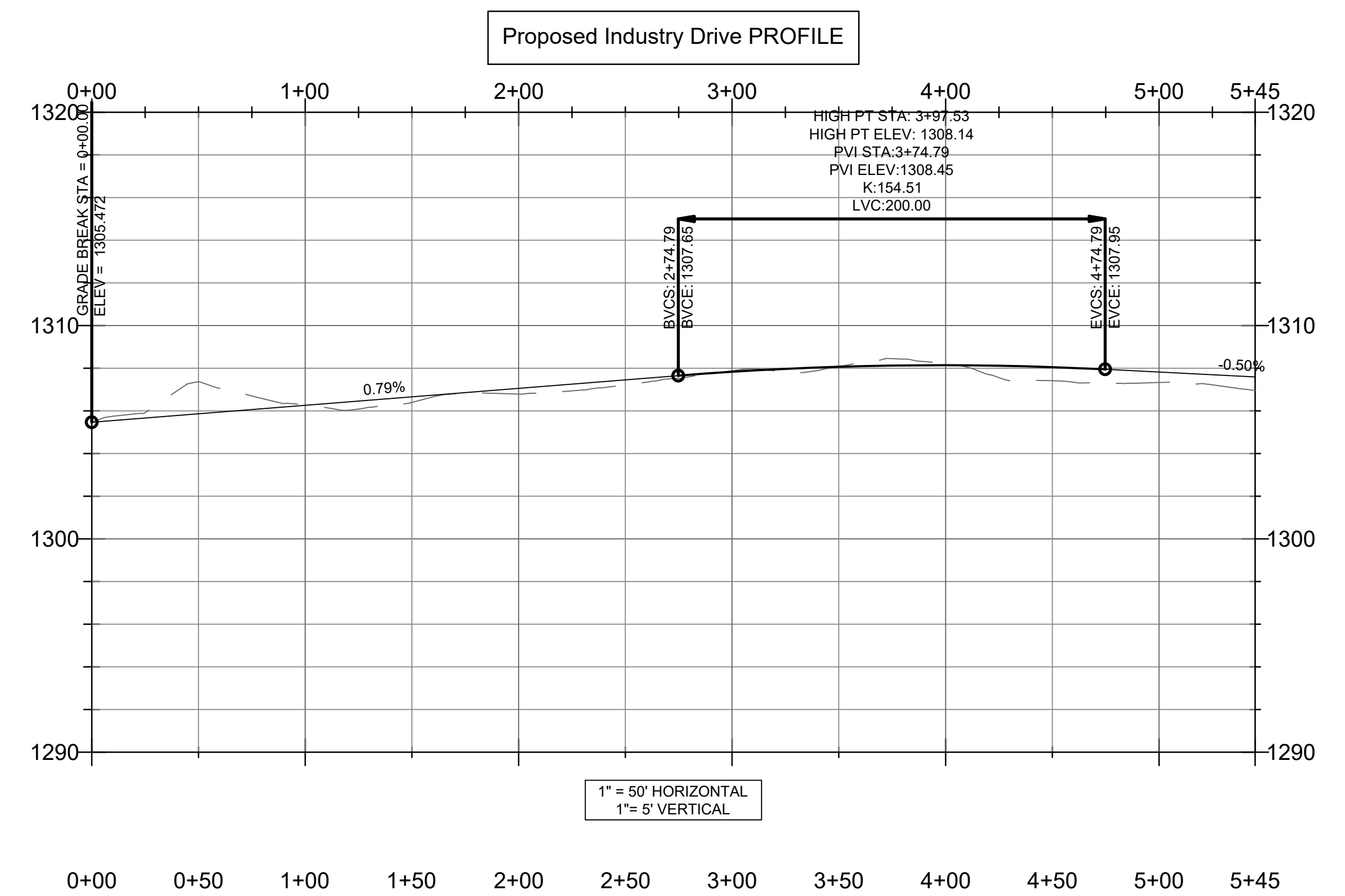
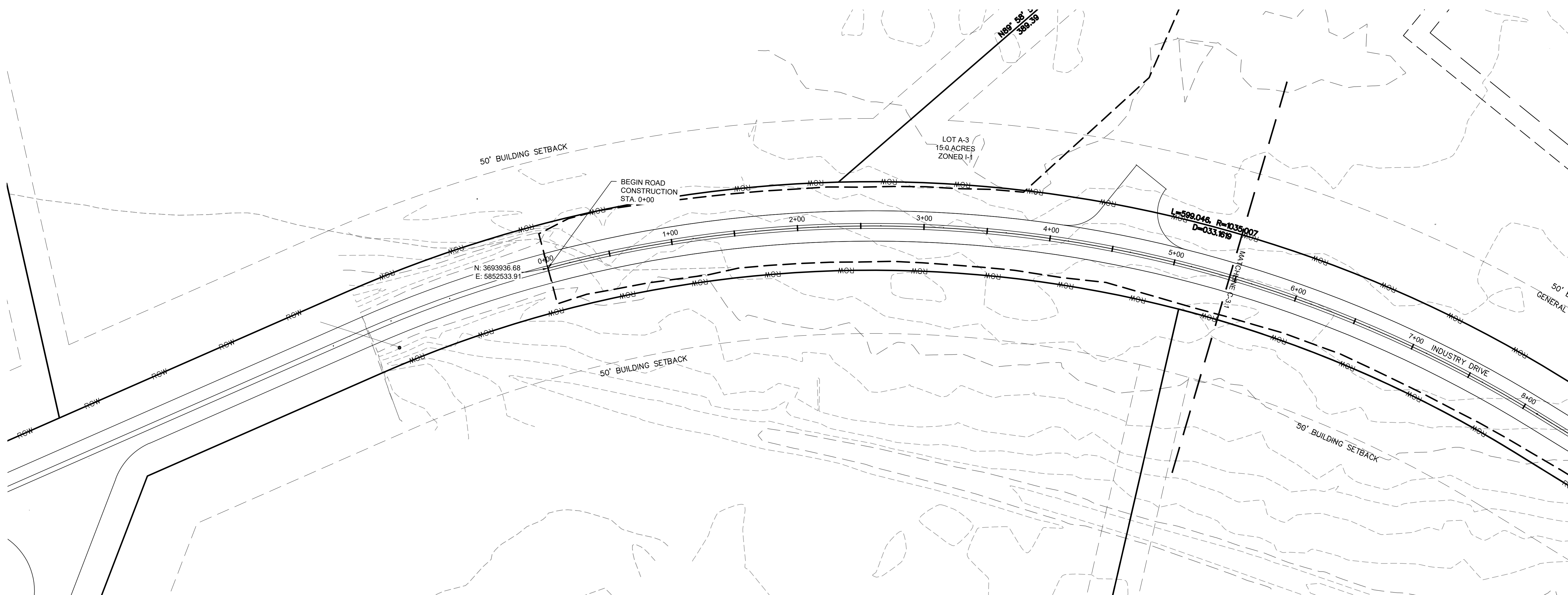
PROJECT INFORMATION
KEIP BUILD READY SITE

PIKEVILLE, KY 41501

REVISION	
CURRENT REVISION:	3
DATE:	04.01.2025
DESCRIPTION:	GRADING REVISION

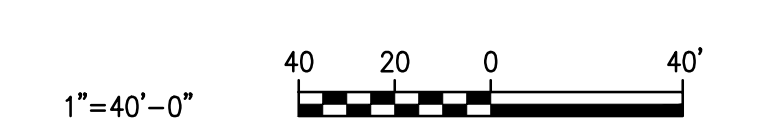
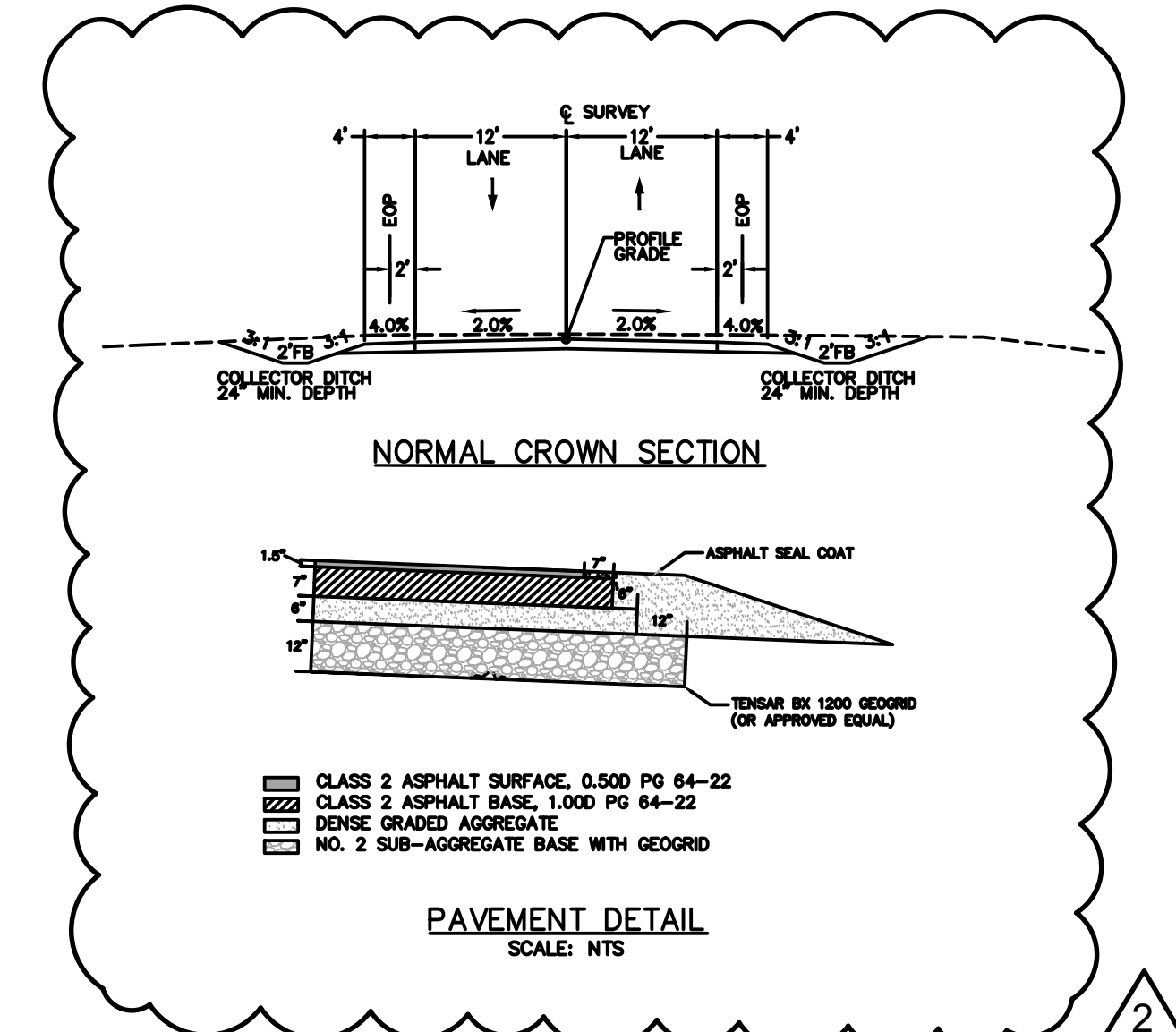
SHEET INFORMATION	
PROJECT NUMBER:	24010
ISSUE DATE:	04.01.2025
ISSUED FOR:	BID PROCUREMENT
PRODUCED BY:	EMR
APPROVED BY:	CMM

C.201
DRAINAGE DETAILS



LEGEND

- PROPERTY BOUNDARY
- PROPOSED ROAD CENTERLINE
- ROW
- EXISTING RIGHT OF WAY
- DOUBLE YELLOW LANE MARKING BOTH SOLID



NORTH INDICATED IS IN RELATION TO KY STATE PLANE, NAD 83, SINGLE ZONE.



PROJECT INFORMATION
KEIP BUILD READY SITE

PIKEVILLE, KY 41501

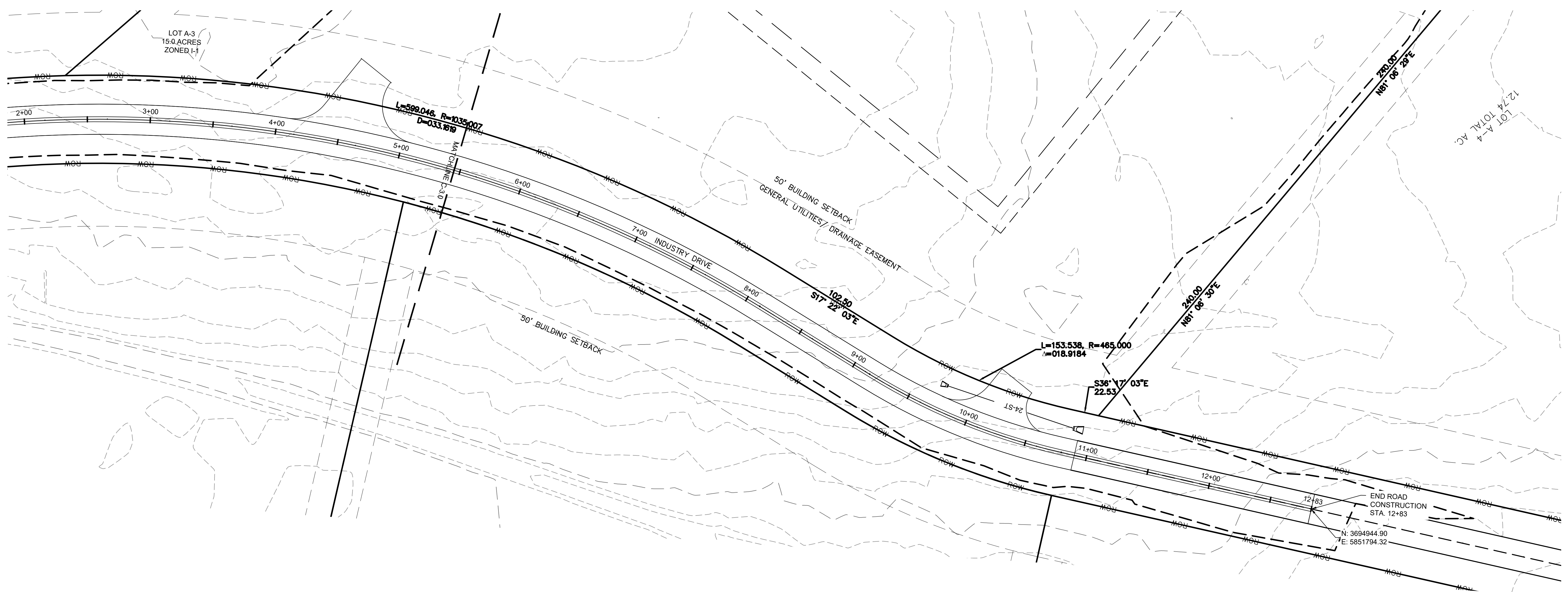
REVISION	
CURRENT REVISION:	2
DATE:	12.04.2024
DESCRIPTION:	ADDENDUM #2

SHEET INFORMATION	
PROJECT NUMBER:	24010
ISSUE DATE:	11.13.2024
ISSUED FOR:	BID PROCUREMENT
PRODUCED BY:	EMR
APPROVED BY:	CMM

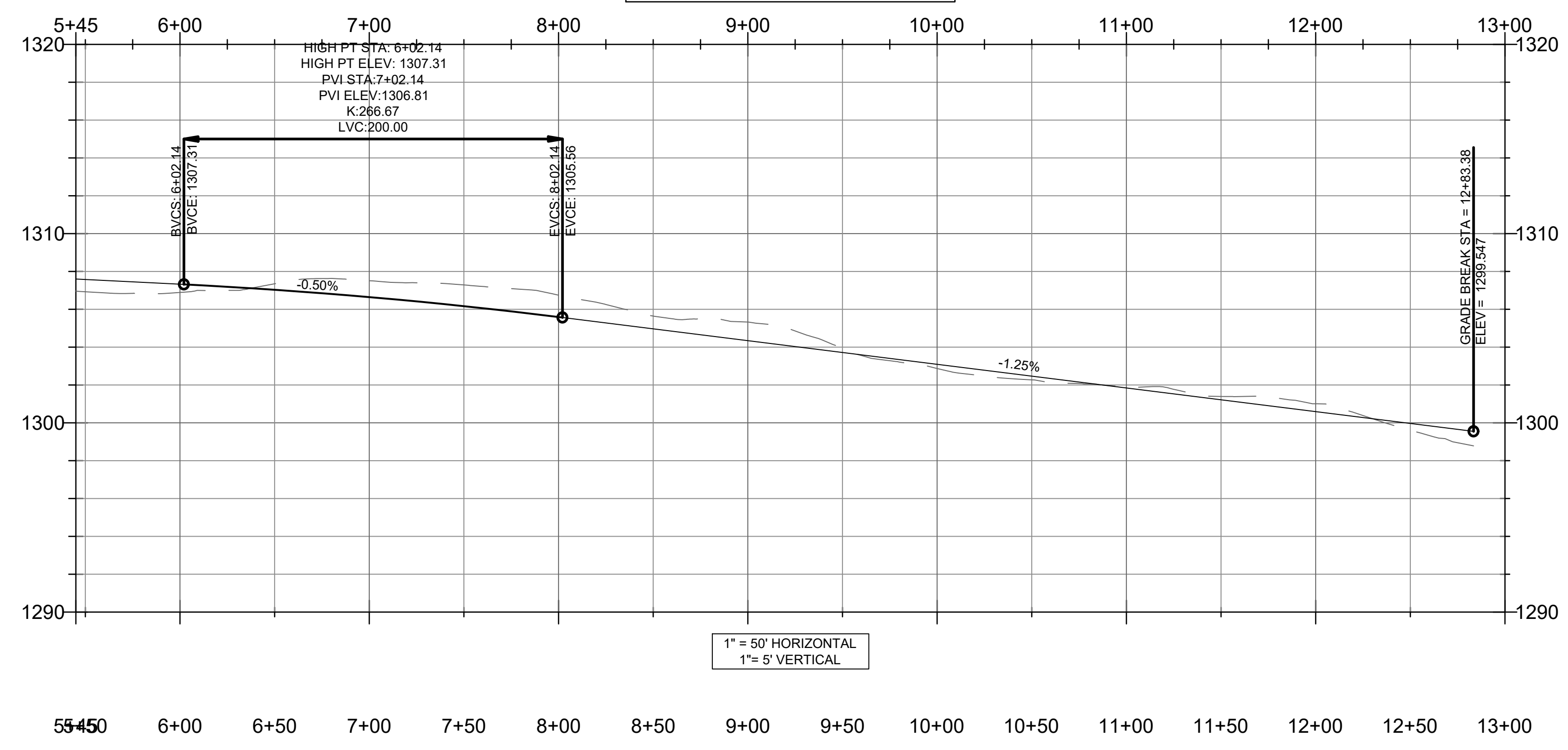


Know what's below.
Call before you dig.

C.300
ROADWAY PLAN AND
PROFILE / STA 0+00.00 -
5+45.00



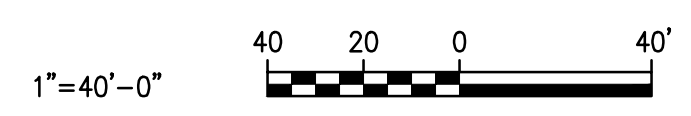
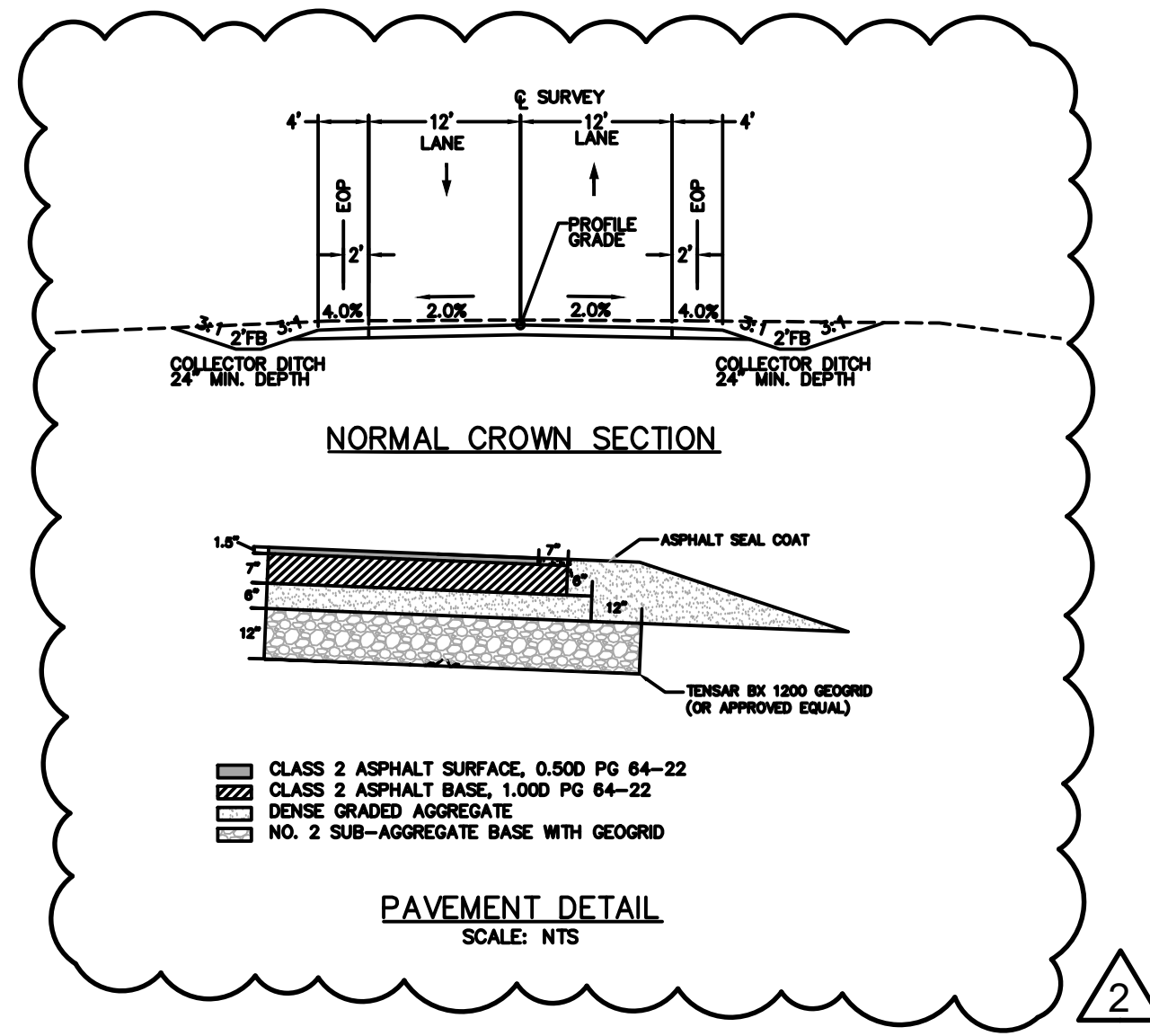
Proposed Industry Drive PROFILE



1" = 50' HORIZONTAL
1" = 5' VERTICAL

LEGEND

- PROPERTY BOUNDARY
- PROPOSED ROAD CENTERLINE
- ROW
- EXISTING RIGHT OF WAY
- DOUBLE YELLOW LANE MARKING BOTH SOLID



NORTH INDICATED IS IN RELATION TO KY STATE PLANE, NAD 83, SINGLE ZONE.



PROJECT INFORMATION
KEIP BUILD READY SITE

PIKEVILLE, KY 41501

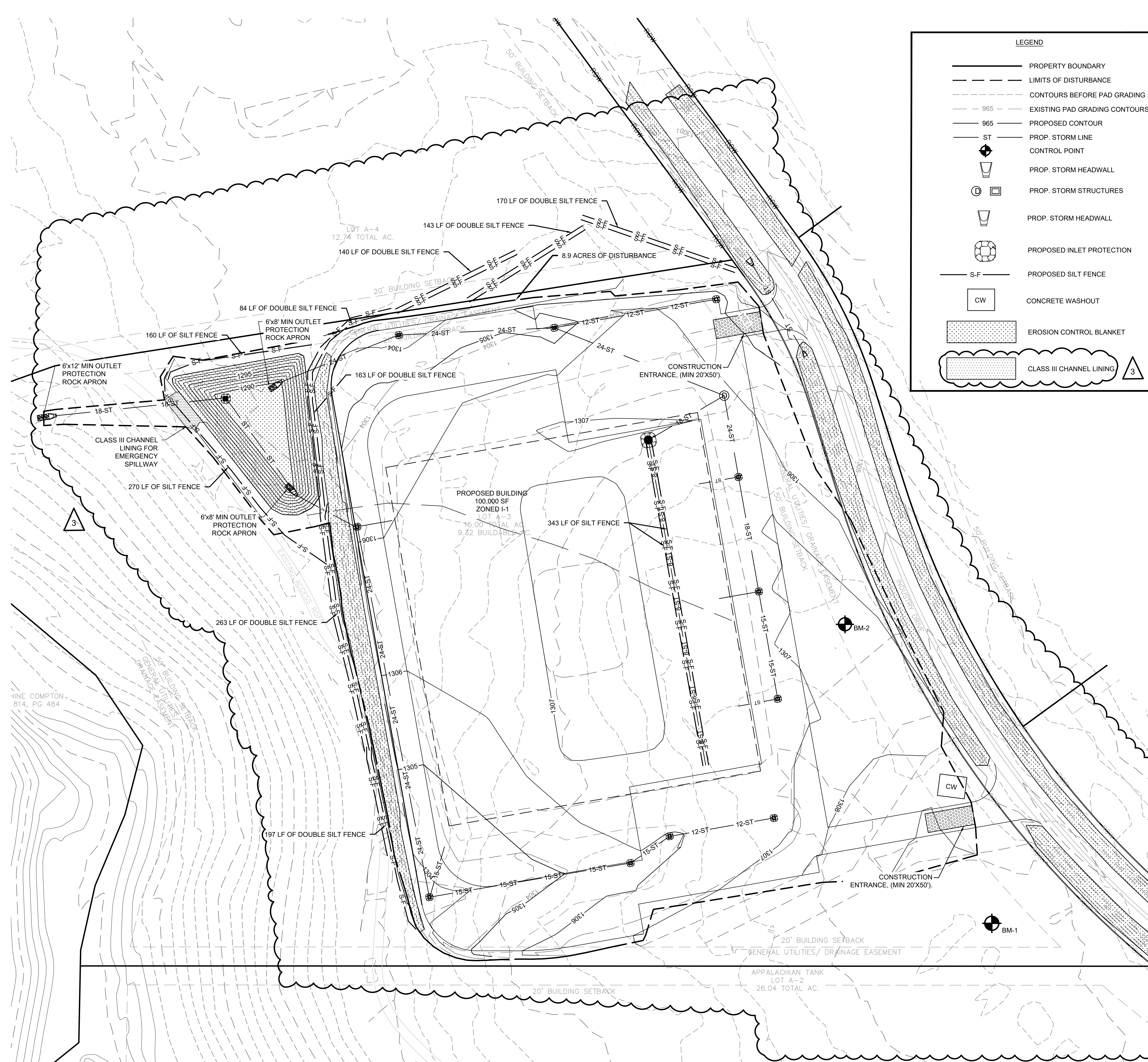
REVISION	
CURRENT REVISION:	2
DATE:	12.04.2024
DESCRIPTION:	ADDENDUM #2

SHEET INFORMATION	
PROJECT NUMBER:	24010
ISSUE DATE:	11.13.2024
ISSUED FOR:	BID PROCUREMENT
PRODUCED BY:	EMR
APPROVED BY:	CMM



Know what's below.
Call before you dig.

C.301
ROADWAY PLAN AND
PROFILE / STA 5+45.00 -
10+90.25



LEGEND

- PROPERTY BOUNDARY
- - - LIMITS OF DISTURBANCE
- - - CONTOURS BEFORE PAD GRADING
- - - 965 EXISTING PAD GRADING CONTOURS
- - - 965 PROPOSED CONTOUR
- ST — PROP. STORM LINE
- ⊕ CONTROL POINT
- ☐ PROP. STORM HEADWALL
- ☐ PROP. STORM STRUCTURES
- ☐ PROP. STORM HEADWALL
- ☐ PROPOSED INLET PROTECTION
- S-F — PROPOSED SILT FENCE
- ☐ CW CONCRETE WASHOUT
- ▨ EROSION CONTROL BLANKET
- ▨ CLASS III CHANNEL LINING

- EROSION CONTROL NOTES:**
- LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED FROM ALL GOVERNING AUTHORITIES.
 - THE CONTRACTOR SHALL STRICTLY ADHERE TO THIS EROSION CONTROL PLAN DURING CONSTRUCTION. A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) WILL BE REQUIRED IF 1 ACRE OR MORE IS DISTURBED. NO LAND DISTURBING ACTIVITIES SHALL BEGIN UNTIL ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED.
 - ALL EXPOSED AREAS SHALL BE PLANTED WITHIN 14 DAYS OF FINAL GRADING.
 - SHOULD CONSTRUCTION STOP FOR LONGER THAN 14 DAYS, THE SITE SHALL BE SEED AS SPECIFIED.
 - SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR AT LEAST ONCE EVERY FOURTEEN (14) DAYS AND AFTER EVERY 0.5 INCH RAIN OR EVERY SEVEN (7) DAYS.
 - THESE PLANS SHALL NOT BE CONSIDERED ALL INCLUSIVE AS THE SITE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL AND SEDIMENT FROM LEAVING THE SITE. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTIONS BY SITE CONTRACTOR.
 - THE EXCAVATING CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
 - THE EXCAVATING CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF PERMANENT SOIL STABILIZATION.
 - ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE PROJECT DOCUMENTS.
 - AT LEAST ONE CONSTRUCTION ENTRANCE SHALL BE USED AT ALL TIMES WHILE CONSTRUCTION IS OCCURRING.
 - STREETS AND PARKING AREAS ADJACENT TO THE CONSTRUCTION SITE MUST BE CLEARED OF DEBRIS TRACKED OUT OF THE CONSTRUCTION SITE.
 - ALL STOCKPILES SHALL BE LOCATED ON THIS SHEET WHEN PLACED. STOCKPILES SHALL BE SURROUNDED BY SILT FENCE. IF STOCKPILES ARE NOT USED FOR 14 DAYS OR MORE, TEMPORARY STABILIZATION THROUGH SEED AND/OR MULCH SHALL BE APPLIED.
 - ALL SANITARY WASTE FACILITIES, FUEL STORAGE INCLUDING SECONDARY CONTAINMENT, AND CONCRETE WASH OUT AREAS SHALL BE LOCATED ON THIS SHEET WHEN PLACED ON SITE.
 - EXCAVATING CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF THE CONCRETE WASHOUT ONCE ALL CONCRETE WORK ON SITE IS COMPLETE.

- EROSION CONTROL/CONSTRUCTION PHASING:**
- CONTRACTOR TO UTILIZE SWPPP PREPARED BY ENGINEER AND OBTAIN NOTICE OF INTENT (NOI) AND KPDES PERMIT IF DISTURBED AREA IS ONE ACRE OR GREATER.
 - MAINTAIN AND INSTALL PERIMETER EROSION CONTROL MEASURES, INCLUDING INLET PROTECTION, SILT FENCE, AND CONSTRUCTION ENTRANCES.
 - BEGIN CLEARING AND GRUBBING OPERATIONS.
 - COMMENCE SITE GRADING.
 - AS SITE APPROACHES GRADE, CONSTRUCT PROPOSED UNDERGROUND UTILITIES INCLUDING STORM DRAINAGE PIPES, STORM STRUCTURES, AND HEADWALLS. INSTALL INLET PROTECTION AS EACH STRUCTURE IS INSTALLED.
 - FINALIZE SUBGRADE PREPARATION AFTER GEOTECHNICAL REMEDIATION OF BUILDING PAD AND FINALIZED PAVEMENT SUBGRADE PREPARATION.
 - PLACE BASE MATERIAL AS REQUIRED FOR PAVEMENT.
 - CARRY OUT FINAL GRADING, SODDING, SEEDING AND PLANTING IN ALL AREAS. ALL PVIOUS AREAS SHALL BE SEED UNLESS OTHERWISE SPECIFIED WITHIN THE CONSTRUCTION DOCUMENTS. AREAS 8:1 AND STEEPER SHALL BE MULCH PROTECTED, WHICH IS TO BE MAINTAINED UNTIL VEGETATION IS THOROUGHLY ESTABLISHED. AREAS STEEPER THAN 3:1 SHALL RECEIVE EROSION CONTROL BLANKET UNLESS OTHERWISE NOTED.
 - COMPLETE FINAL PAVING OPERATIONS. REMOVE TEMPORARY CONSTRUCTION ENTRANCE. IF INSTALLED, PRIOR TO PAVEMENT CONSTRUCTION IN THIS AREA.
 - FINAL REMOVAL OF EROSION CONTROL MEASURES MAY ONLY OCCUR ONCE ALL PAVING IS COMPLETED AND ALL EXPOSED SURFACES ARE STABILIZED. CONTRACTOR TO FILE NOTICE OF TERMINATION (NOT) FOR KPDES PERMIT ONCE SITE STABILIZATION IS SUBSTANTIALLY COMPLETE.



Know what's below.
Call before you dig.

NORTH INDICATED IN
RELATION TO KY STATE PLANE,
NAD 83, SINGLE ZONE.



PROJECT INFORMATION
KEP BUILD READY SITE

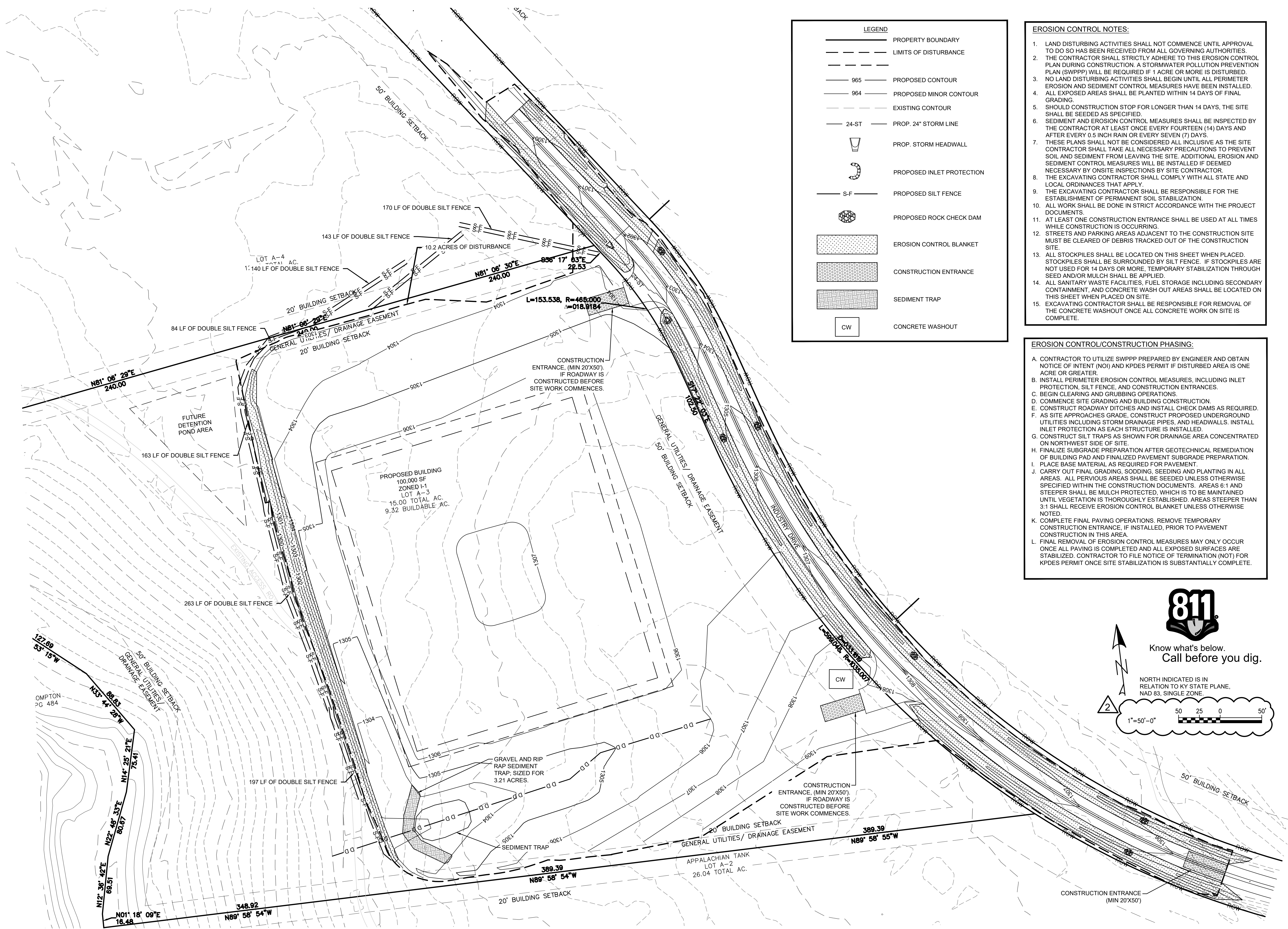
PIKEVILLE, KY 41501

REVISION	DATE	DESCRIPTION
3	04.01.2025	GRADING REVISION

SHEET INFORMATION

PROJECT NUMBER: 24010
 ISSUE DATE: 04.01.2025
 ISSUED FOR: BID PROCUREMENT
 PRODUCED BY: EMR
 APPROVED BY: CMM

C.400
EROSION CONTROL PLAN



LEGEND	
	PROPERTY BOUNDARY
	LIMITS OF DISTURBANCE
	PROPOSED CONTOUR
	PROPOSED MINOR CONTOUR
	EXISTING CONTOUR
	PROP. 24" STORM LINE
	PROP. STORM HEADWALL
	PROPOSED INLET PROTECTION
	PROPOSED SILT FENCE
	PROPOSED ROCK CHECK DAM
	EROSION CONTROL BLANKET
	CONSTRUCTION ENTRANCE
	SEDIMENT TRAP
	CONCRETE WASHOUT

- EROSION CONTROL NOTES:**
- LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED FROM ALL GOVERNING AUTHORITIES.
 - THE CONTRACTOR SHALL STRICTLY ADHERE TO THIS EROSION CONTROL PLAN DURING CONSTRUCTION. A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) WILL BE REQUIRED IF 1 ACRE OR MORE IS DISTURBED.
 - NO LAND DISTURBING ACTIVITIES SHALL BEGIN UNTIL ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED.
 - ALL EXPOSED AREAS SHALL BE PLANTED WITHIN 14 DAYS OF FINAL GRADING.
 - SHOULD CONSTRUCTION STOP FOR LONGER THAN 14 DAYS, THE SITE SHALL BE SEEDED AS SPECIFIED.
 - SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR AT LEAST ONCE EVERY FOURTEEN (14) DAYS AND AFTER EVERY 0.5 INCH RAIN OR EVERY SEVEN (7) DAYS.
 - THESE PLANS SHALL NOT BE CONSIDERED ALL INCLUSIVE AS THE SITE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL AND SEDIMENT FROM LEAVING THE SITE. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ONSITE INSPECTIONS BY SITE CONTRACTOR.
 - THE EXCAVATING CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
 - THE EXCAVATING CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF PERMANENT SOIL STABILIZATION.
 - ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE PROJECT DOCUMENTS.
 - AT LEAST ONE CONSTRUCTION ENTRANCE SHALL BE USED AT ALL TIMES WHILE CONSTRUCTION IS OCCURRING.
 - STREETS AND PARKING AREAS ADJACENT TO THE CONSTRUCTION SITE MUST BE CLEARED OF DEBRIS TRACKED OUT OF THE CONSTRUCTION SITE.
 - ALL STOCKPILES SHALL BE LOCATED ON THIS SHEET WHEN PLACED. STOCKPILES SHALL BE SURROUNDED BY SILT FENCE. IF STOCKPILES ARE NOT USED FOR 14 DAYS OR MORE, TEMPORARY STABILIZATION THROUGH SEED AND/OR MULCH SHALL BE APPLIED.
 - ALL SANITARY WASTE FACILITIES, FUEL STORAGE INCLUDING SECONDARY CONTAINMENT, AND CONCRETE WASH OUT AREAS SHALL BE LOCATED ON THIS SHEET WHEN PLACED ON SITE.
 - EXCAVATING CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF THE CONCRETE WASHOUT ONCE ALL CONCRETE WORK ON SITE IS COMPLETE.

- EROSION CONTROL/CONSTRUCTION PHASING:**
- CONTRACTOR TO UTILIZE SWPPP PREPARED BY ENGINEER AND OBTAIN NOTICE OF INTENT (NOI) AND KPDES PERMIT IF DISTURBED AREA IS ONE ACRE OR GREATER.
 - INSTALL PERIMETER EROSION CONTROL MEASURES, INCLUDING INLET PROTECTION, SILT FENCE, AND CONSTRUCTION ENTRANCES.
 - BEGIN CLEARING AND GRUBBING OPERATIONS.
 - COMMENCE SITE GRADING AND BUILDING CONSTRUCTION.
 - CONSTRUCT ROADWAY DITCHES AND INSTALL CHECK DAMS AS REQUIRED.
 - AS SITE APPROACHES GRADE, CONSTRUCT PROPOSED UNDERGROUND UTILITIES INCLUDING STORM DRAINAGE PIPES, AND HEADWALLS. INSTALL INLET PROTECTION AS EACH STRUCTURE IS INSTALLED.
 - CONSTRUCT SILT TRAPS AS SHOWN FOR DRAINAGE AREA CONCENTRATED ON NORTHWEST SIDE OF SITE.
 - FINALIZE SUBGRADE PREPARATION AFTER GEOTECHNICAL REMEDIATION OF BUILDING PAD AND FINALIZED PAVEMENT SUBGRADE PREPARATION.
 - PLACE BASE MATERIAL AS REQUIRED FOR PAVEMENT.
 - CARRY OUT FINAL GRADING, SODDING, SEEDING AND PLANTING IN ALL AREAS. ALL PERVIOUS AREAS SHALL BE SEEDED UNLESS OTHERWISE SPECIFIED WITHIN THE CONSTRUCTION DOCUMENTS. AREAS 8:1 AND STEEPER SHALL BE MULCH PROTECTED, WHICH IS TO BE MAINTAINED UNTIL VEGETATION IS THOROUGHLY ESTABLISHED. AREAS STEEPER THAN 3:1 SHALL RECEIVE EROSION CONTROL BLANKET UNLESS OTHERWISE NOTED.
 - COMPLETE FINAL PAVING OPERATIONS. REMOVE TEMPORARY CONSTRUCTION ENTRANCE, IF INSTALLED, PRIOR TO PAVEMENT CONSTRUCTION IN THIS AREA.
 - FINAL REMOVAL OF EROSION CONTROL MEASURES MAY ONLY OCCUR ONCE ALL PAVING IS COMPLETED AND ALL EXPOSED SURFACES ARE STABILIZED. CONTRACTOR TO FILE NOTICE OF TERMINATION (NOT) FOR KPDES PERMIT ONCE SITE STABILIZATION IS SUBSTANTIALLY COMPLETE.

811
Know what's below.
Call before you dig.

NORTH INDICATED IS IN RELATION TO KY STATE PLANE, NAD 83, SINGLE ZONE.

1"=50'-0"



PROJECT INFORMATION
KEIP BUILD READY SITE

PIKEVILLE, KY 41501

REVISION	
CURRENT REVISION:	2
DATE:	12.04.2024
DESCRIPTION:	ADDENDUM #2

SHEET INFORMATION	
PROJECT NUMBER:	24010
ISSUE DATE:	11.13.2024
ISSUED FOR:	BID PROCUREMENT
PRODUCED BY:	EMR
APPROVED BY:	CMR

C.400
EROSION CONTROL PLAN

SEEDING SPECIFICATION

GENERAL
SEEDING CAN BE USED FOR TEMPORARY OR PERMANENT STABILIZATION. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED AND WATERED. AREAS WHERE FINAL GRADING HAS BEEN COMPLETED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY OR PERMANENTLY SEEDED. TEMPORARY SEED MIXTURES ARE SPECIFIED BELOW. PERMANENT SEED MIXTURES SHALL BE SEEDED DURING SEASON SPECIFIED.

SEEDING MIXTURES
SEE TEMPORARY AND PERMANENT SEEDING MIXTURES BELOW.

3:1 SLOPES OR FLATTER
APPLY AGRICULTURAL LIME AT A RATE OF 2 TONS PER ACRE. APPLY 10-10-10 COMMERCIAL ORGANIC FERTILIZER AT A RATE OF 1000 LBS. PER ACRE. APPLY SUPERPHOSPHATE AT A RATE OF 500 LBS. PER ACRE - 20% SEED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

TEMPORARY SEEDING MIXTURE: (WEATHER PERMITTING, IF REQUIRED)	SEED VARIETY	70LBS./ACRE
50% TALL FESCUE		
30% SERICEA LESPEDEZA		
20% RYE GRAIN		

PERMANENT SEEDING

PLANTING DATES APPLICATION RATE	SEED VARIETY	
AUG 15-NOV 01	TALL FESCUE	120LBS./ACRE
NOV 01-MAR 01	TALL FESCUE	120LBS./ACRE
(Weather Permitting)	& ABRUZZI RYE	25LBS./ACRE
MAR 01-APR 15	TALL FESCUE	120LBS./ACRE
APR 15-JUL 30	HULLED COMMON BERMU DA GRASS	12LBS./ACRE
JUL 30-AUG 15	TALL FESCUE AND ***BROWNTOP MILLET	60LBS./ACRE 35LBS./ACRE
	***OR SORGHUM-SUDAN HYBRIDS	30LBS./ACRE

MULCH SEEDED AREA WITH 2 TONS PER ACRE CLEAN GRAIN STRAW. ANCHOR STRAW WITH HYDRAULIC WOOD FIBER MULCH AT THE RATE OF 1000 LBS PER ACRE, OR 150-200 POUNDS OF ORGANIC MULCH TACKIFIER PER ACRE, OR USE NETTING, OR USE A MULCH ANCHORING TOOL.

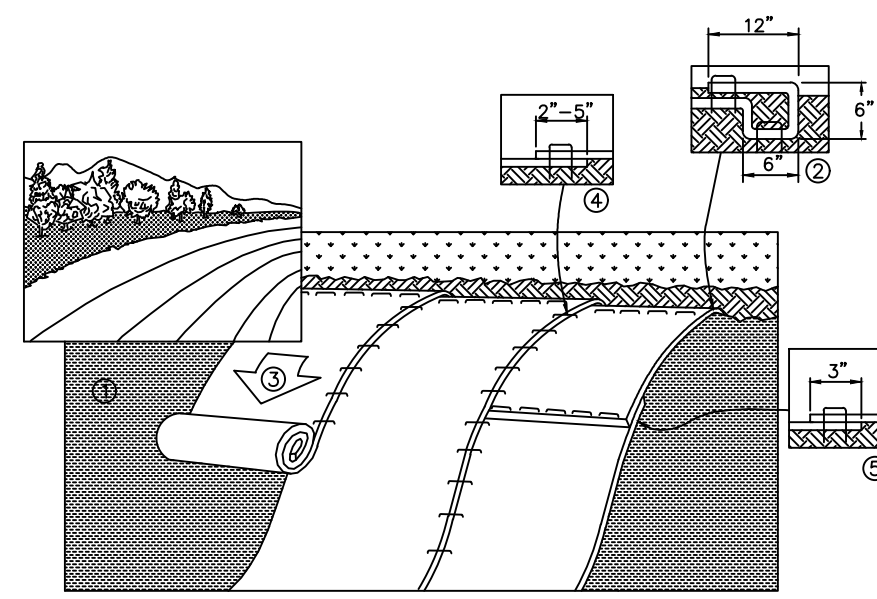
SEED BED PREPARATION (PERMENTENT SEEDING)
SURFACE WATER CONTROL MEASURES SHALL BE IN PLACE. AREA TO BE SEEDED SHALL BE RIPPED AND SPREAD WITH AVAILABLE TOPSOIL. TOTAL SEEDED PREPARED DEPTH SHOULD BE AT LEAST 4 INCHES. LOOSE ROCKS, ROOTS AND OTHER OBSTRUCTIONS NEED TO BE REMOVED FROM THE SURFACE SO THAT THEY WILL NOT INTERFERE WITH THE ESTABLISHMENT AND MAINTENANCE OF VEGETATION. SURFACE FOR FINAL SEEDED PREPARATION SHOULD BE AT FINISH GRADE AND BE REASONABLY SMOOTH AND UNIFORM.

IF NO SOIL TEST IS TAKEN, FERTILIZER AND LIME SHOULD BE ACCORDING TO SEEDING SPECIFICATIONS. IF SOIL TEST IS TAKEN, APPLY FERTILIZER AND LIME ACCORDING TO SOIL TEST REPORT. FERTILIZER AND LIME SHALL BE APPLIED UNIFORMLY AND MIXED WITH THE SOIL DURING SEEDED PREPARATION. WEIGHTS, SEED SPECIES AND PERCENTAGE OF PURITY AND GERMINATION MUST BE CHECKED PRIOR TO SEEDING.

SEEDING SHALL BE ACCOMPLISHED IN TWO DIRECTIONS AND AT RIGHT ANGLES TO EACH OTHER. LAWN AREAS SHALL BE SEEDED AT THE RATE INDICATED ON THE DRAWINGS BY SOWING EVENLY WITH AN APPROVED MECHANICAL CULTI-PACKER SEEDER TO COVER THE SEED AND FORM THE SEEDED IN ONE OPERATION. IF BROADCAST SEEDER IS USED THE SEEDING RATE SHALL BE TWO (2) TIMES THE DRILL RATE IN INACCESSIBLE AREAS, THE SEED SHALL BE LIGHTLY RAKED WITH FLEXIBLE RAKES AND ROLLED WITH A WATER BALAST ROLLER. AFTER ROLLING SEEDED AREAS ARE TO BE MULCHED ACCORDING TO SPECIFICATION. IF HYDROSEED OPERATION IS USED, SEEDING RATE SHALL BE FIVE (5) TIMES THE DRILL RATE INDICATED ON THE DRAWINGS.

IF SEEDING CAN NOT BE ACCOMPLISHED DUE TO SEASONAL CONSTRAINTS, APPLY STRAW MULCH AND TACKIFIER TO ALL SLOPES AND DISTURBED AREAS UNTIL PERMANENT SEEDING IS ALLOWED. IN THE EVENT SEEDING OCCURS OUT OF SEASON, MAINTENANCE SHALL OCCUR AND CONTINUE INTO THE FOLLOWING GROWING SEASON OR UNTIL A UNIFORM STAND OF THE SPECIFIED PERMANENT GRASSES HAVE BEEN ESTABLISHED AND THE SITE HAS REACHED 65% STABILIZATION. PERMANENT AND TEMPORARY SEEDING SHALL BE ACCOMPLISHED THROUGHOUT THE CONSTRUCTION PROCESS.

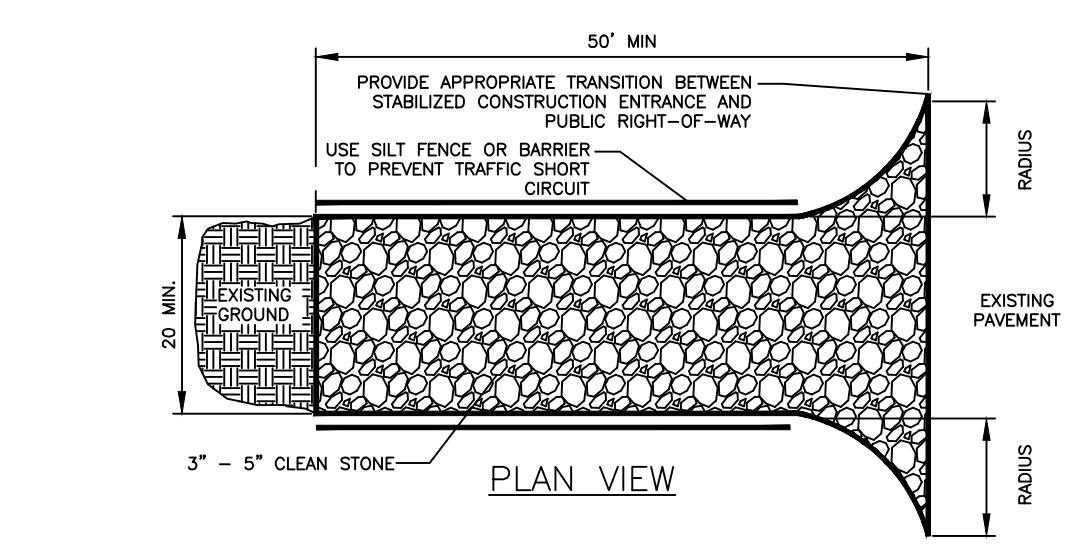
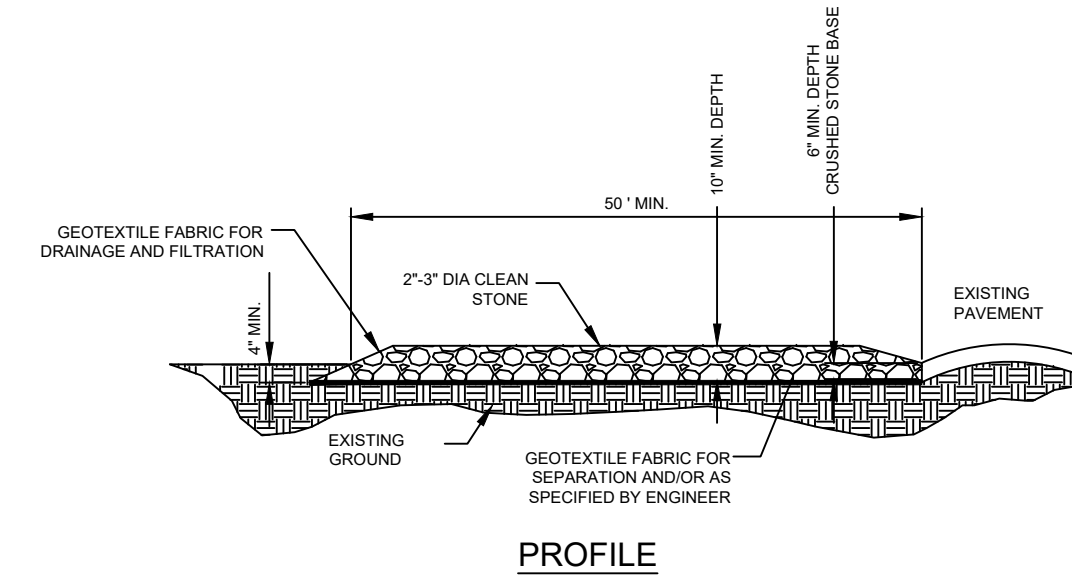
INSPECTION
INSPECT SEEDED AREAS FREQUENTLY. IF SEEDED AREAS FAIL TO GERMINATE, OR TO PROVIDE ADEQUATE GROUND COVERAGE, THE AREA SHALL BE RE-SEEDED UNTIL FINAL STABILIZATION IS ACHIEVED. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT MINIMUM EVERY SEVEN (7) CALENDAR DAYS OR EVERY 14 CALENDAR DAYS AND WITHIN 24-HOURS OF A RAINFALL EVENT OF GREATER THAN .5 INCHES OF RAIN DURING A 24-HOUR PERIOD THROUGHOUT CONSTRUCTION UNTIL FINAL STABILIZATION IS ACHIEVED.



1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (150mm) WIDE TRENCH WITH APPROXIMATELY 12" (300mm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (300mm) APART IN THE BOTTOM OF THE TRENCH. BACK FILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO PREPARED SOIL AND FOLD REMAINING 12" (300mm) PORTION OF THE BLANKET BACK OVER SEED AND SOIL. SECURE BLANKET OVER SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (300mm) APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL THE BLANKETS DOWN ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH THE APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" (50mm-125mm) OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM SITCH ON THE PREVIOUSLY INSTALLED BLANKET.
5. CONSECUTIVE BLANKETS SPLIZED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (75mm) OVERLAP. STAPLE THROUGH OVERLAP AREA, APPROXIMATELY 12" (300mm) APART ACROSS ENTIRE BLANKET WIDTH.
6. EROSION CONTROL BLANKETS SHALL BE INSTALLED FOLLOWING MANUFACTURERS SPECIFICATIONS.

NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (150mm) MAY BE NECESSARY TO PROPERLY ANCHOR THE BLANKETS.

EROSION CONTROL BLANKET - FOR SLOPE INSTALLATION (B)
NOT TO SCALE

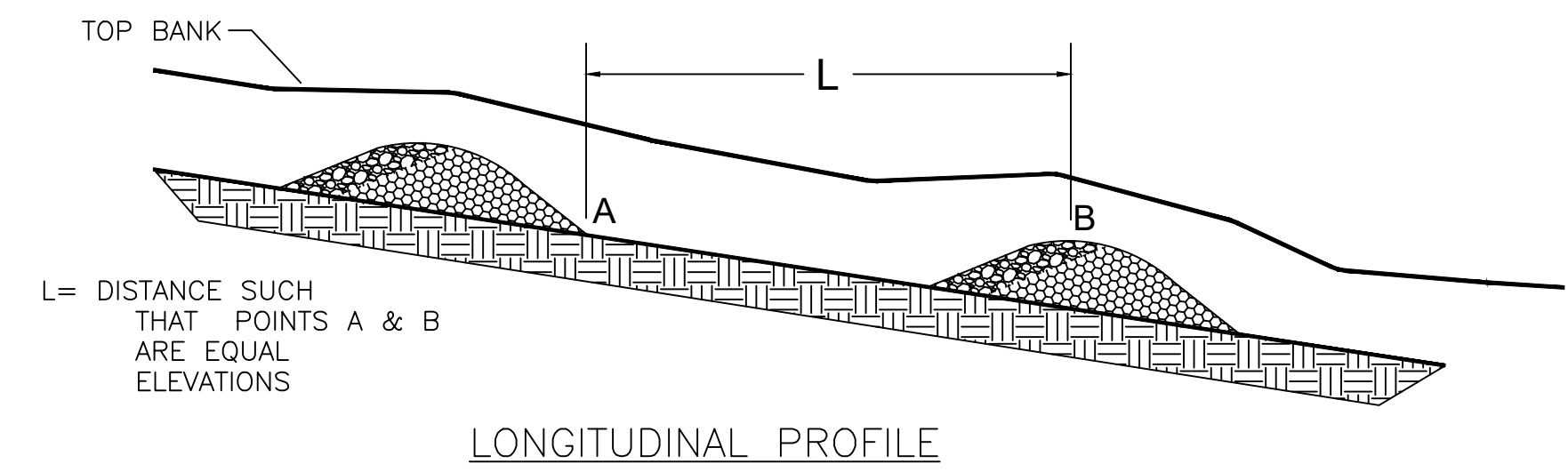
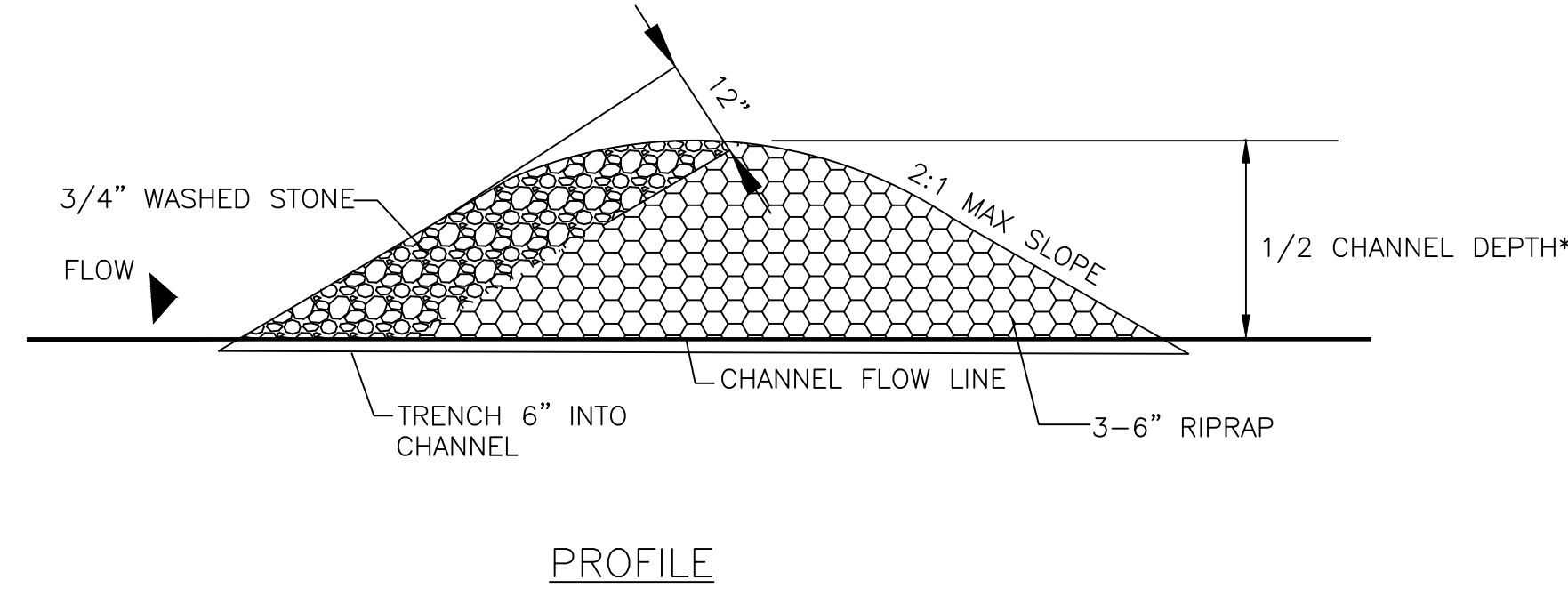


CONSTRUCTION SPECIFICATIONS

1. STONE - USE COARSE AGGREGATE (2"-3" STONE).
2. LENGTH - AS EFFECTIVE, BUT NOT LESS THAN 50 FEET.
3. THICKNESS - NOT LESS THAN TEN (10) INCHES.
4. WIDTH - MINIMUM 20 FEET.
5. WASHING - WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH, OR WATERCOURSE THROUGH USE OF SAND BAGS, GRAVEL, BOARDS OR OTHER APPROVED METHODS.
6. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO ADJACENT PAVED ROAD SURFACES MUST BE REMOVED IMMEDIATELY.
7. 2- 8'x10' METAL GRATES MAY BE USED. GRATE SHALL BE 25' AWAY FROM PAVEMENT AND APPROPRIATE SEDIMENT CONTROL TRAPPING DEVICE SHALL BE USED AT GRATE OUTLET POINT. SEE STABILIZED CONSTRUCTION ENTRANCE/EXIT WITH CORRUGATED STEEL PANELS DETAIL E-2.

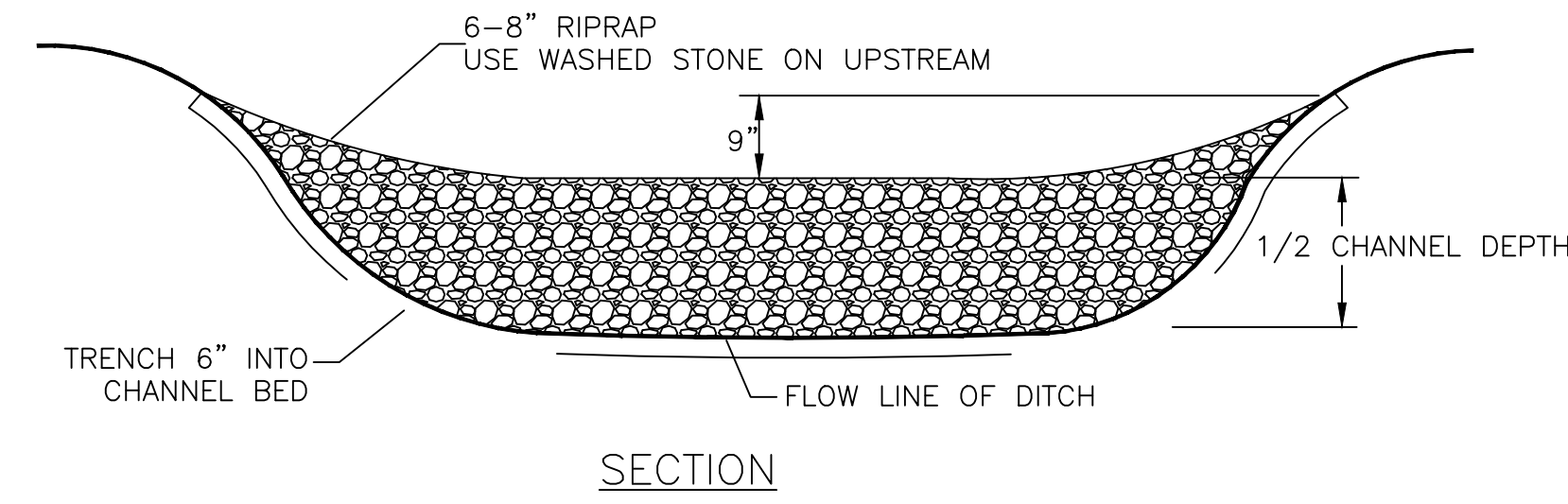
STABILIZED CONSTRUCTION ENTRANCE (C)
NOT TO SCALE

SEEDING SPECIFICATIONS (A)
NOT TO SCALE



NOTES:

1. THE MAXIMUM HEIGHT OF THE CHECK DAM AT THE CENTER SHALL NOT EXCEED ONE HALF THE DEPTH OF THE CHANNEL.
2. MAXIMUM SPACING SHALL BE SO THE TOE OF THE UPSTREAM DAM IS THE SAME ELEVATION AS THE TOP OF THE DOWNSTREAM DAM.
3. REMOVE SEDIMENT WHEN 33% THE HEIGHT OF THE WEIR.
4. REMOVE CHECK DAMS WHEN SITE STABILIZATION IS ACHIEVED.

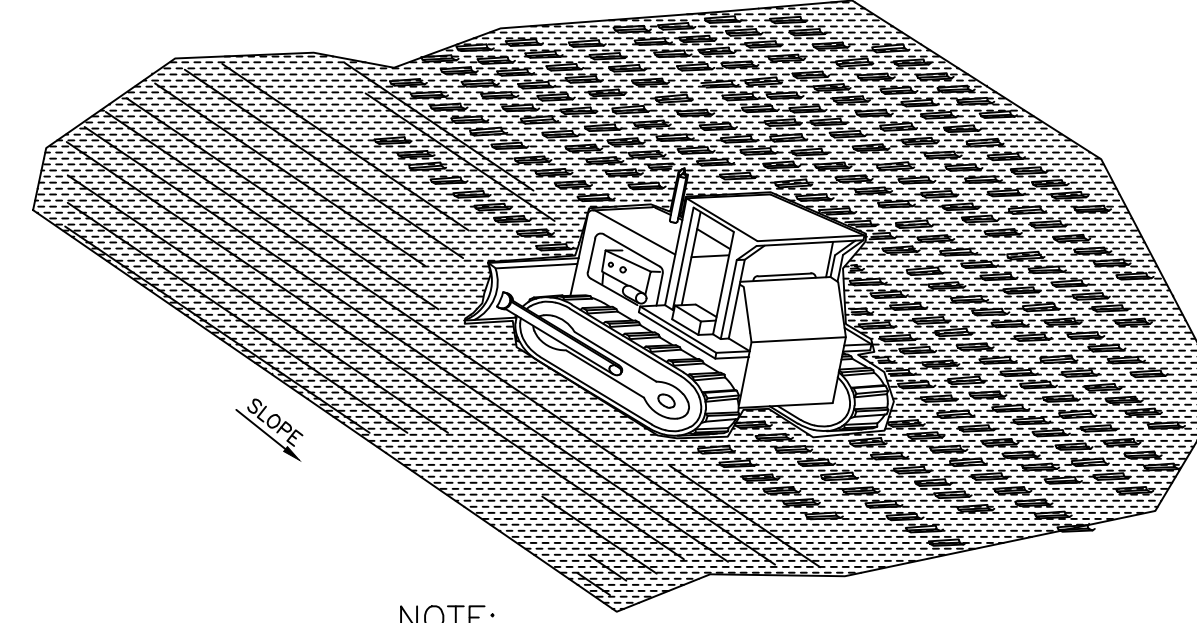


CHECK DAM SPACING CRITERIA

SPILLWAY HEIGHT	CHANNEL SLOPE	CHECK DAM SPACING
1.5	1%	150 FT.
2.0	1%	200 FT.
1.5	2%	75 FT.
2.0	2%	100 FT.
1.5	3%	50 FT.
2.0	3%	67 FT.
1.5	4%	38 FT.
2.0	4%	50 FT.
1.5	5%	30 FT.
2.0	5%	40 FT.

*ASSUME CHANNEL DEPTH IS 2 TIMES SPILLWAY HEIGHT

ROCK CHECK DAM (E)
NOT TO SCALE

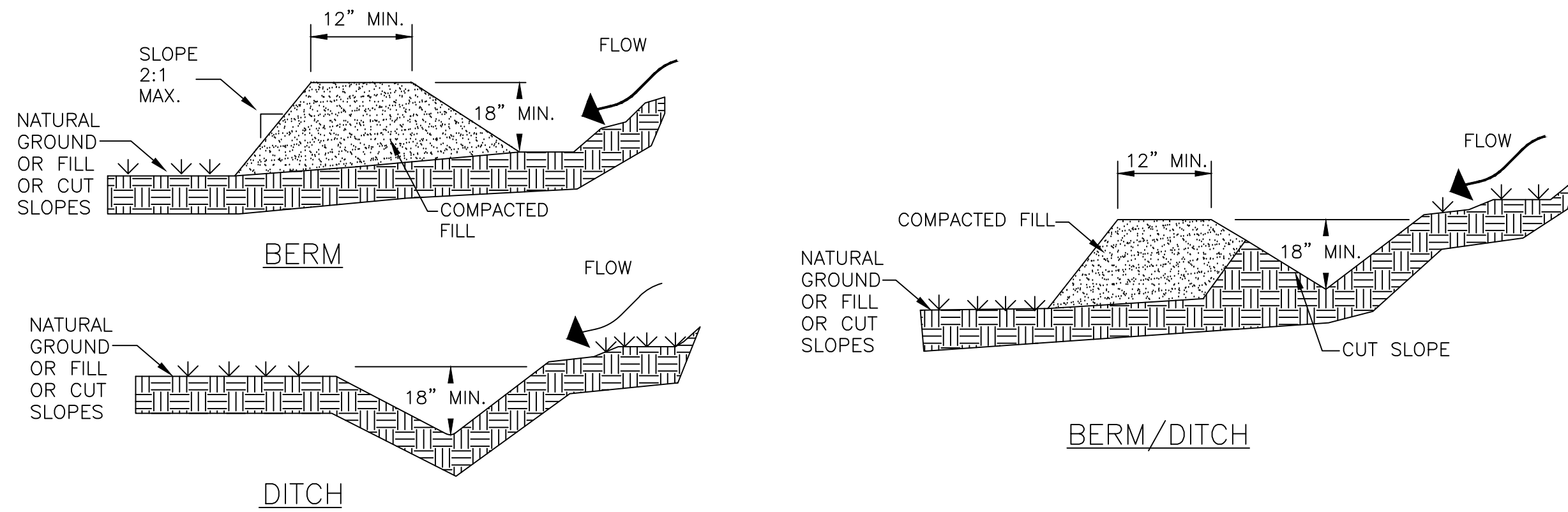


NOTE:
USE DOZER TRACKS TO CREATE GROOVES PERPENDICULAR TO THE SLOPE. GROOVES WILL CATCH SEED, FERTILIZER, MULCH, RAINFALL AND DECREASE SEDIMENT IN RUNOFF.

DOZER TRACKING DETAIL (D)
NOT TO SCALE

REVISION	
CURRENT REVISION:	3
DATE:	04.01.2025
DESCRIPTION:	GRADING REVISION

SHEET INFORMATION	
PROJECT NUMBER:	24010
ISSUE DATE:	04.01.2025
ISSUED FOR:	BID PROCUREMENT
PRODUCED BY:	EMR
APPROVED BY:	CMM



NOTES:

POSITIVE GRADE MUST BE PROVIDED TO ASSURE DRAINAGE. 2:1 MAX. SIDE SLOPE. IF SLOPE EXCEEDS 2% OR CHANNEL IS CONSTRUCTED IN FILL, PROVIDE CHANNEL LINER PER DETAIL, EC 5, TRY NOT TO EXCEED 5% (HIGH RUNOFF VELOCITIES RESULT). MAXIMUM DRAINAGE AREA IS 5.00 ACRES WITHOUT SUPPORTING CALCULATIONS FOR PERMANENT CHANNEL. DIVERSIONS AT THE TOPS OF SLOPES MUST EMPTY INTO AN

APPROVED SLOPE DRAIN (SEE DETAILS). THE BERM/ DITCH IS THE MOST COMMONLY USED DIVERSION.

MACHINE COMPACTING OF ALL FILL IS REQUIRED.

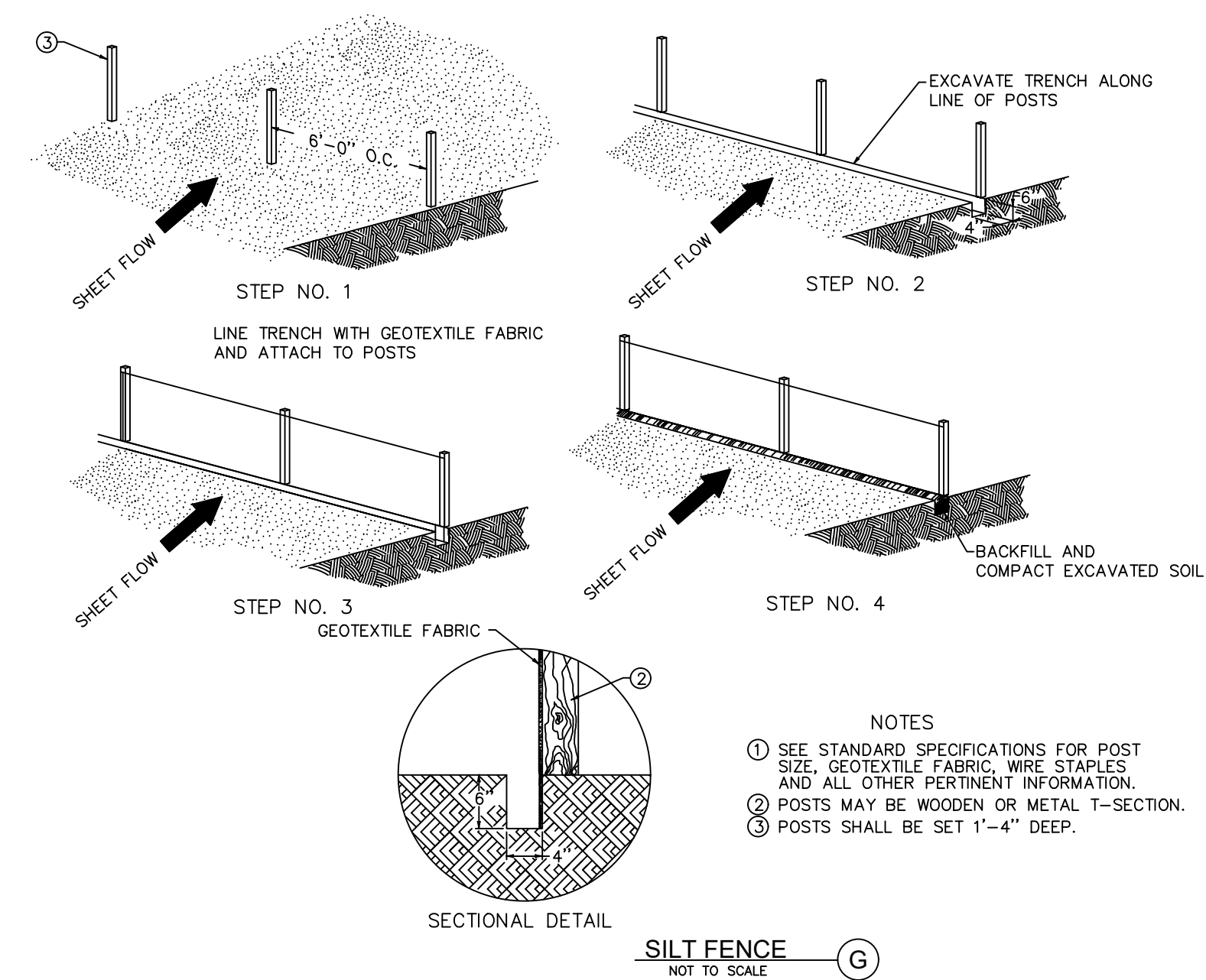
DIVERSIONS SUFFICIENT TO DIRECT ALL SEDIMENT-LADEN STORMWATER INTO SEDIMENT CONTROL DEVICE MUST BE INSTALLED PRIOR TO CLEARING AND GRUBBING OF AREA (OR IN CONJUNCTION WITH THIS OPERATION IF SEDIMENT CONTROLS AND DIVERSIONS ARE INSTALLED AT EACH CRITICAL POINT AS INDICATED).

DIVERSIONS SHOULD BE LOCATED AS SHOWN ON THE PLANS AND TO MINIMIZE DAMAGES BY CONSTRUCTION OPERATIONS.

DIVERSIONS SHOULD BE SEEDED AND LINED WITH STRAW MAT IF THEY ARE TO REMAIN IN PLACE OVER 14 DAYS.

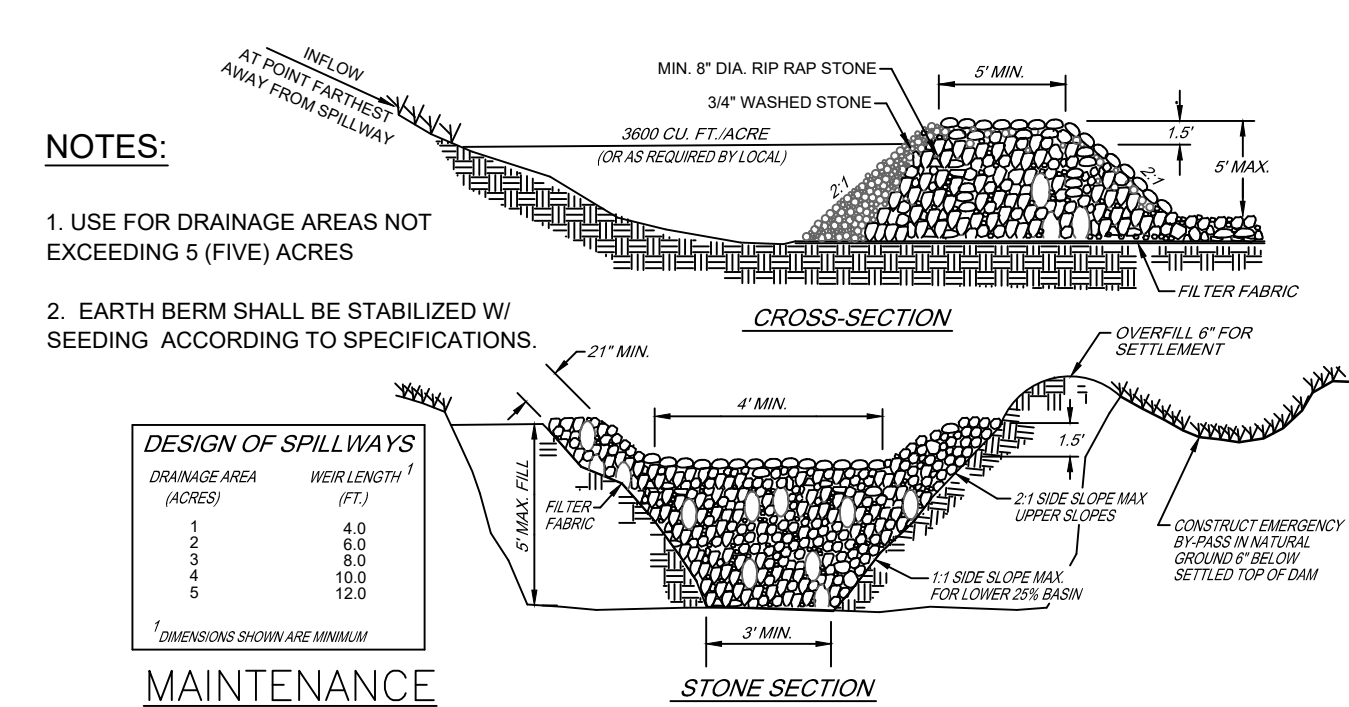
CHECK DIVERSIONS AFTER EACH RAIN, AND ONCE PER SEVEN CALENDAR DAYS OR MORE FREQUENTLY IF REQUIRED BY REGULATORY AGENCY. REPAIR AS NEEDED TO MAINTAIN FUNCTION.

TEMPORARY BERM/DIVERSION DITCH (F)
NOT TO SCALE



- NOTES**
- ① SEE STANDARD SPECIFICATIONS FOR POST SIZE, GEOTEXTILE FABRIC, WIRE STAPLES AND ALL OTHER PERTINENT INFORMATION.
 - ② POSTS MAY BE WOODEN OR METAL T-SECTION.
 - ③ POSTS SHALL BE SET 1'-4" DEEP.

SILT FENCE (G)
NOT TO SCALE



- NOTES:**
- 1. USE FOR DRAINAGE AREAS NOT EXCEEDING 5 (FIVE) ACRES
 - 2. EARTH BERM SHALL BE STABILIZED W/ SEEDING ACCORDING TO SPECIFICATIONS.

DESIGN OF SPILLWAYS

DRAINAGE AREA (ACRES)	WEIR LENGTH (FT)
1	8.0
2	16.0
3	24.0
4	32.0
5	40.0

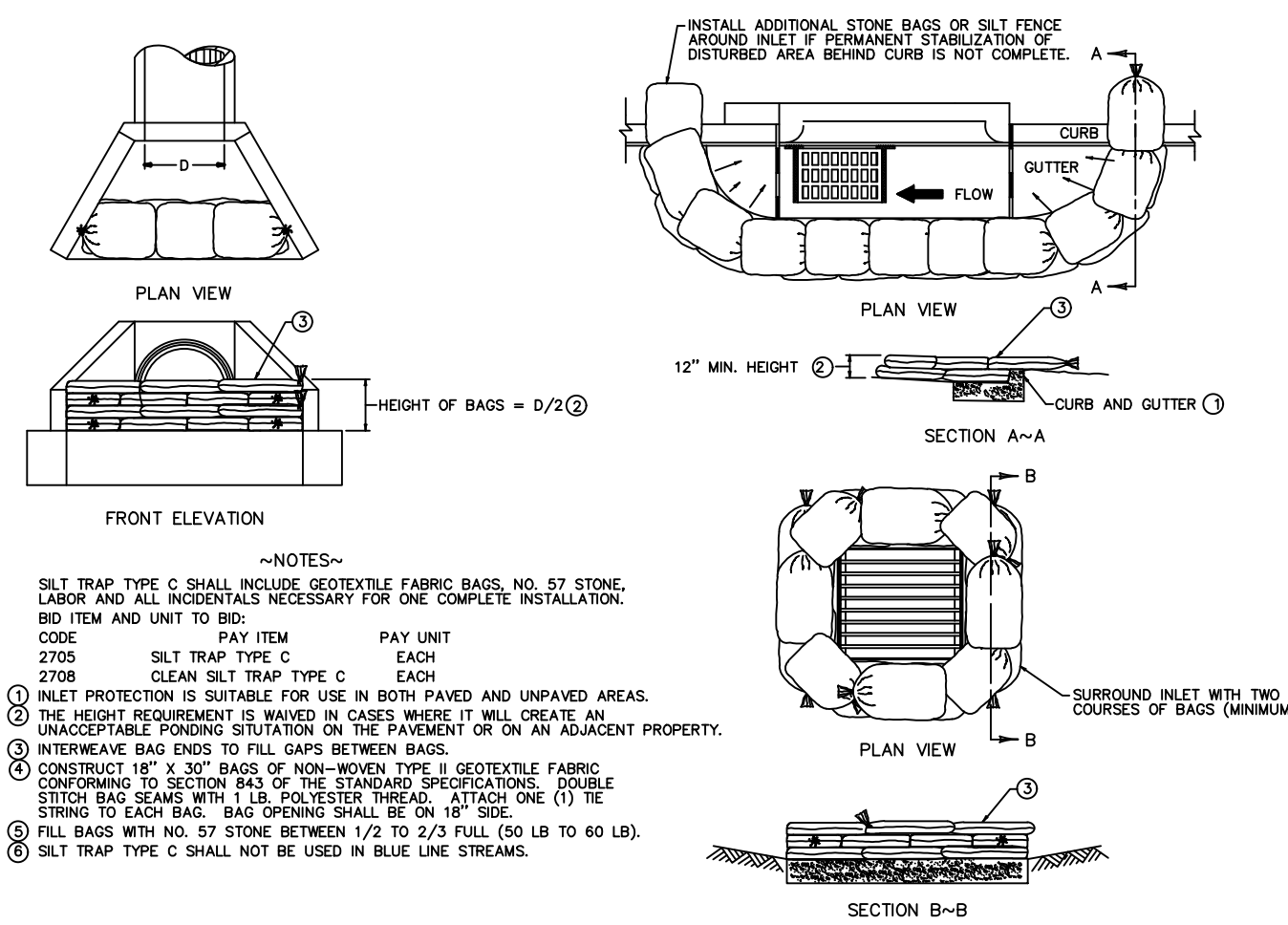
MAINTENANCE

INSPECT TEMPORARY SEDIMENT TRAPS EVERY 7 CALENDAR DAYS AND AFTER EACH RAINFALL OF 0.5" OR MORE. REMOVE SEDIMENT AND RESTORE TRAP TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-QUARTER OF THE DESIGN DEPTH OF THE TRAP. PLACE THE SEDIMENT THAT IS REMOVED IN A DESIGNATED DISPOSAL AREA AND REPLACE THE CONTAMINATED PART OF THE GRAVEL FACING.

CHECK THE STRUCTURE FOR DAMAGE FROM EROSION OR PIPING. PERIODICALLY CHECK THE DEPTH OF THE SPILLWAY TO ENSURE IT IS A MINIMUM OF 1.5 FT. BELOW THE LOW POINT OF THE EMBANKMENT. IMMEDIATELY FILL ANY SETTLEMENT OF THE EMBANKMENT TO SLIGHTLY ABOVE DESIGN GRADE. ANY RIP RAP DISPLACED FROM THE SPILLWAY MUST BE REPLACED IMMEDIATELY.

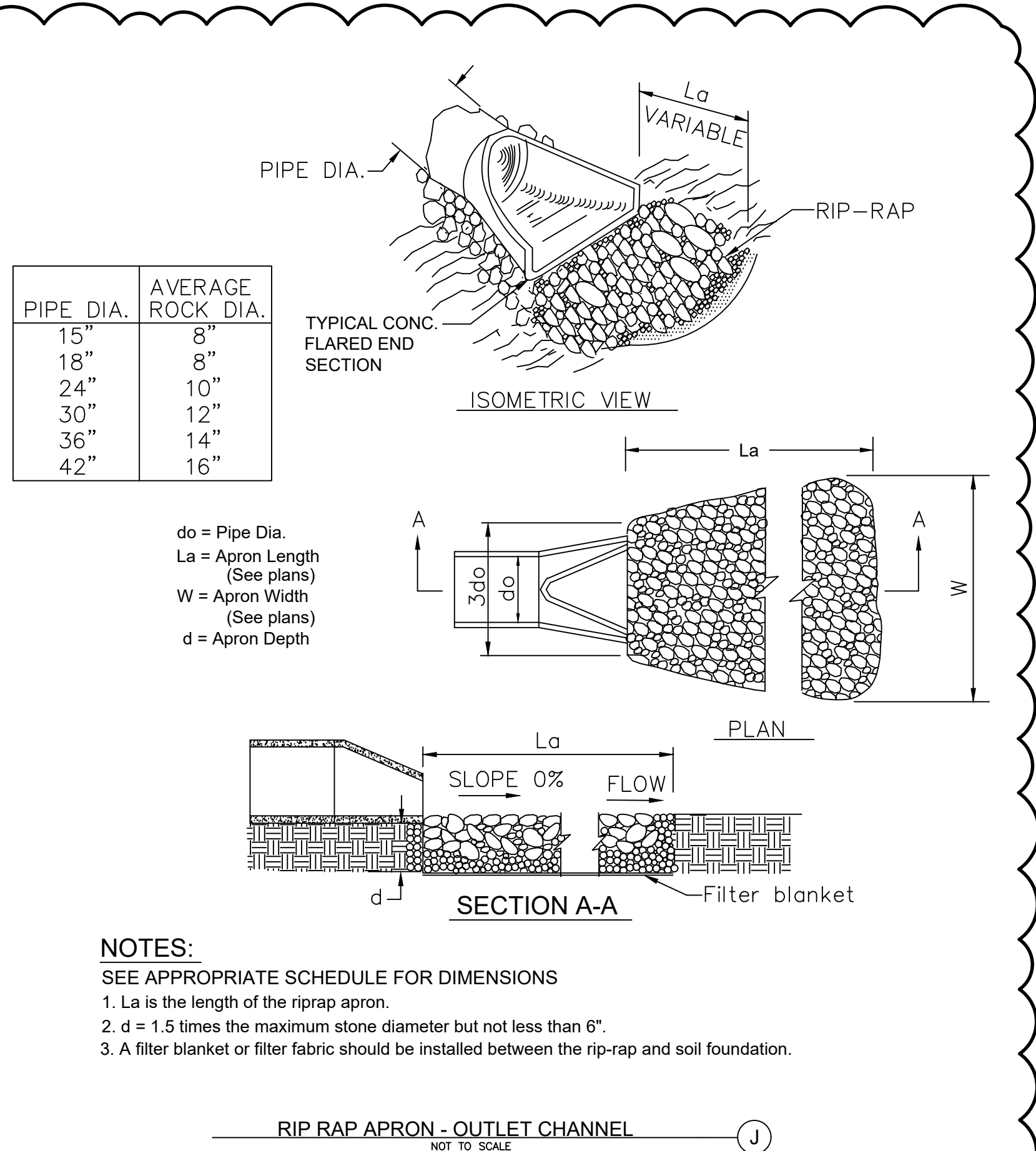
STABILIZE THE EMBANKMENT AND ALL DISTURBED AREAS ABOVE THE SEDIMENT POOL AND DOWNSTREAM FROM THE TRAP IMMEDIATELY AFTER CONSTRUCTION WITH SEEDING.

SILT TRAP (I)
NOT TO SCALE



- NOTES:**
- ① SILT TRAP TYPE C SHALL INCLUDE GEOTEXTILE FABRIC BARS, NO. 57 STONE, LABOR AND ALL INCIDENTALS NECESSARY FOR ONE COMPLETE INSTALLATION, BID ITEM AND UNIT TO BE: CODE PAY ITEM PAY UNIT 2705 SILT TRAP TYPE C EACH 2708 CLEAN SILT TRAP TYPE C EACH
 - ② THE HEIGHT REQUIREMENT IS WAIVED IN CASES WHERE IT WILL CREATE AN UNACCEPTABLE PONDING SITUATION ON THE PAVEMENT OR ON AN ADJACENT PROPERTY.
 - ③ INTERMEDIATE BAG ENDS TO FILL GAPS BETWEEN BAGS.
 - ④ CONSTRUCT 18" x 20" BAGS OF NON-WOVEN TYPE B GEOTEXTILE FABRIC CONFORMING TO SECTION 343 OF THE STANDARD SPECIFICATIONS. DOUBLE STITCH BAG SEAMS WITH 1 LB. POLYESTER THREAD. ATTACH ONE (1) TIE STRING TO EACH BAG. BAG SPACING SHALL BE ON 6" SIDE.
 - ⑤ FILL BAGS WITH NO. 57 STONE BETWEEN 1/2 TO 2/3 FULL (50 LB TO 60 LB).
 - ⑥ SILT TRAP TYPE C SHALL NOT BE USED IN BLUE LINE STREAMS.

INLET PROTECTION (KYTC SILT CHECK TYPE III) (H)
NOT TO SCALE

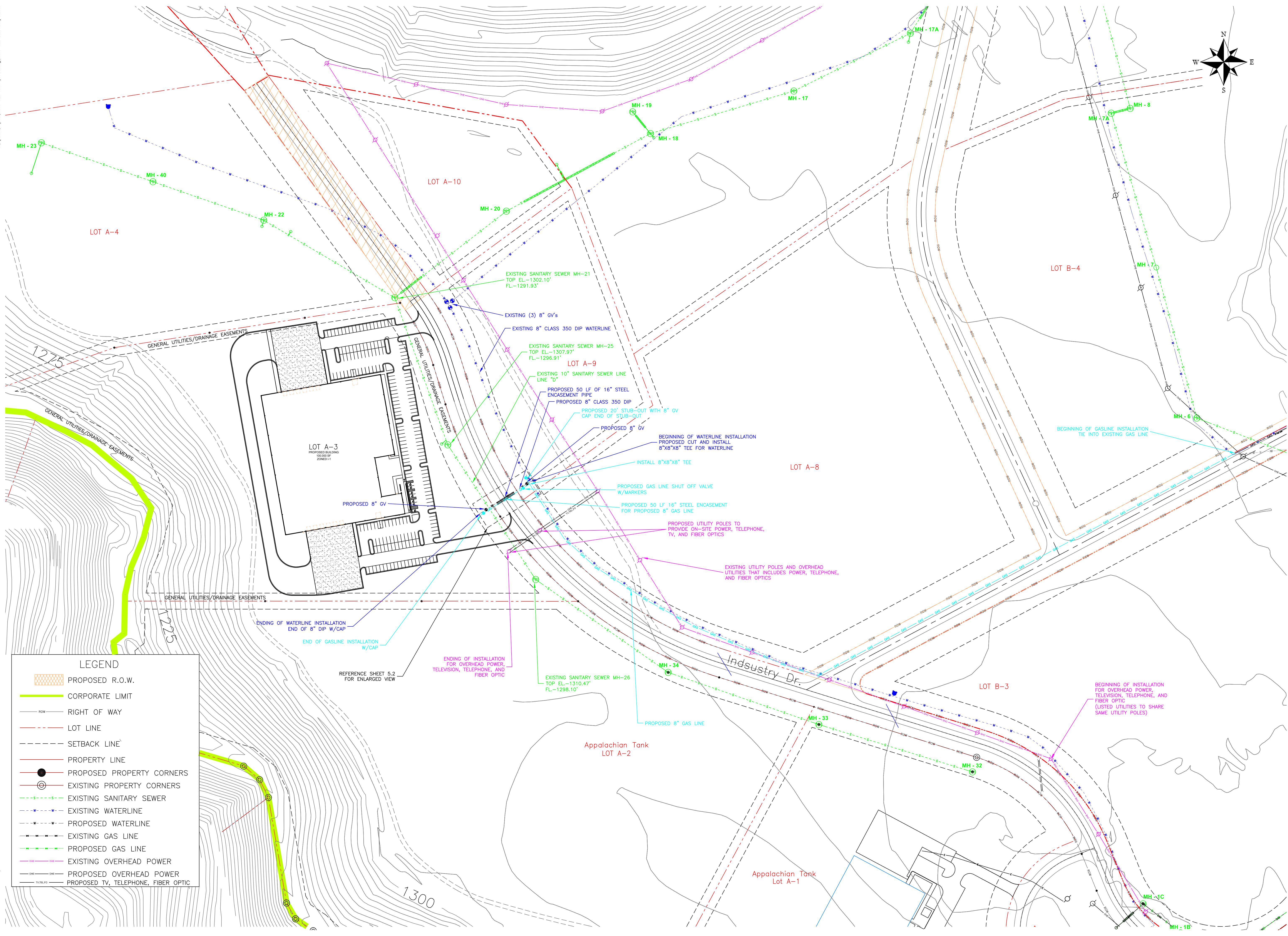
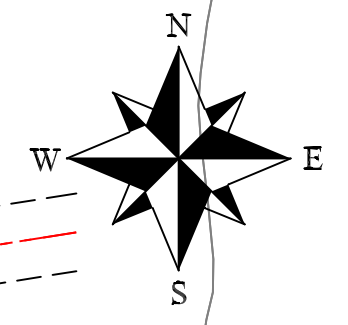


PIPE DIA.	AVERAGE ROCK DIA.
15"	8"
18"	8"
24"	10"
30"	12"
36"	14"
42"	16"

do = Pipe Dia.
La = Apron Length (See plans)
W = Apron Width (See plans)
d = Apron Depth

- NOTES:**
- SEE APPROPRIATE SCHEDULE FOR DIMENSIONS
 - 1. La is the length of the riprap apron.
 - 2. d = 1.5 times the maximum stone diameter but not less than 6".
 - 3. A filter blanket or filter fabric should be installed between the rip-rap and soil foundation.

RIP RAP APRON - OUTLET CHANNEL (J)
NOT TO SCALE



LEGEND

	PROPOSED R.O.W.
	CORPORATE LIMIT
	RIGHT OF WAY
	LOT LINE
	SETBACK LINE
	PROPERTY LINE
	PROPOSED PROPERTY CORNERS
	EXISTING PROPERTY CORNERS
	EXISTING SANITARY SEWER
	EXISTING WATERLINE
	PROPOSED WATERLINE
	EXISTING GAS LINE
	PROPOSED GAS LINE
	EXISTING OVERHEAD POWER
	PROPOSED OVERHEAD POWER
	PROPOSED TV, TELEPHONE, FIBER OPTIC



PROJECT INFORMATION
KEIP BUILD READY SITE

PIKEVILLE, KY 41501

REVISION

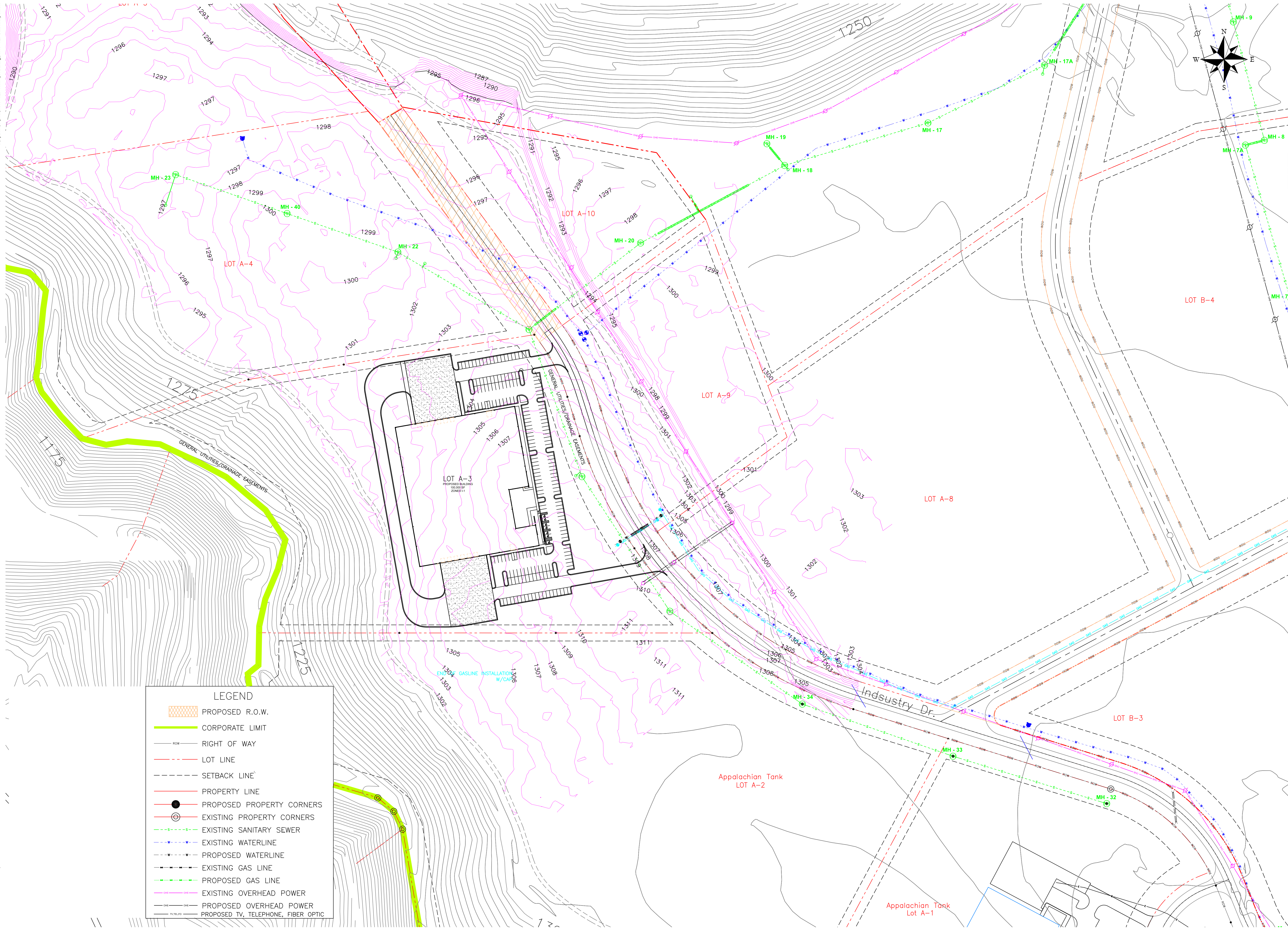
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DATE:	12.04.2024
DESCRIPTION:	ADDENDUM #2

SHEET INFORMATION

PROJECT NUMBER:	24010
ISSUE DATE:	11.13.2024
ISSUED FOR:	BID PROCUREMENT
PRODUCED BY:	SHH
APPROVED BY:	TMC

C.500
UTILITIES PLAN

6141 Diver Projects 2010 - KEIP 100K Spec Building 2010 - KEIP Build Ready Site



PROJECT INFORMATION
KEIP BUILD READY SITE

PIKEVILLE, KY 41501

LEGEND	
	PROPOSED R.O.W.
	CORPORATE LIMIT
	RIGHT OF WAY
	LOT LINE
	SETBACK LINE
	PROPERTY LINE
	PROPOSED PROPERTY CORNERS
	EXISTING PROPERTY CORNERS
	EXISTING SANITARY SEWER
	EXISTING WATERLINE
	PROPOSED WATERLINE
	EXISTING GAS LINE
	PROPOSED GAS LINE
	EXISTING OVERHEAD POWER
	PROPOSED OVERHEAD POWER
	PROPOSED TV, TELEPHONE, FIBER OPTIC

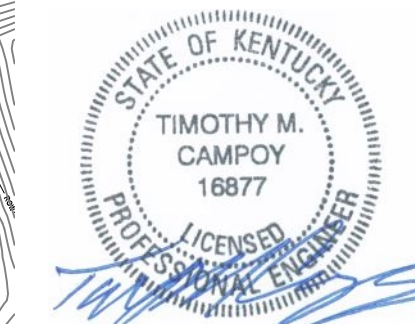
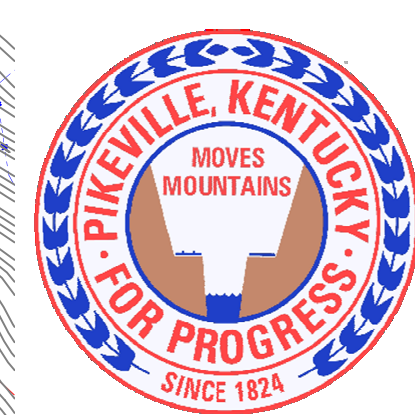
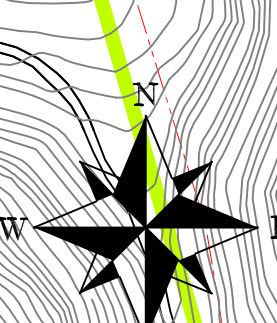
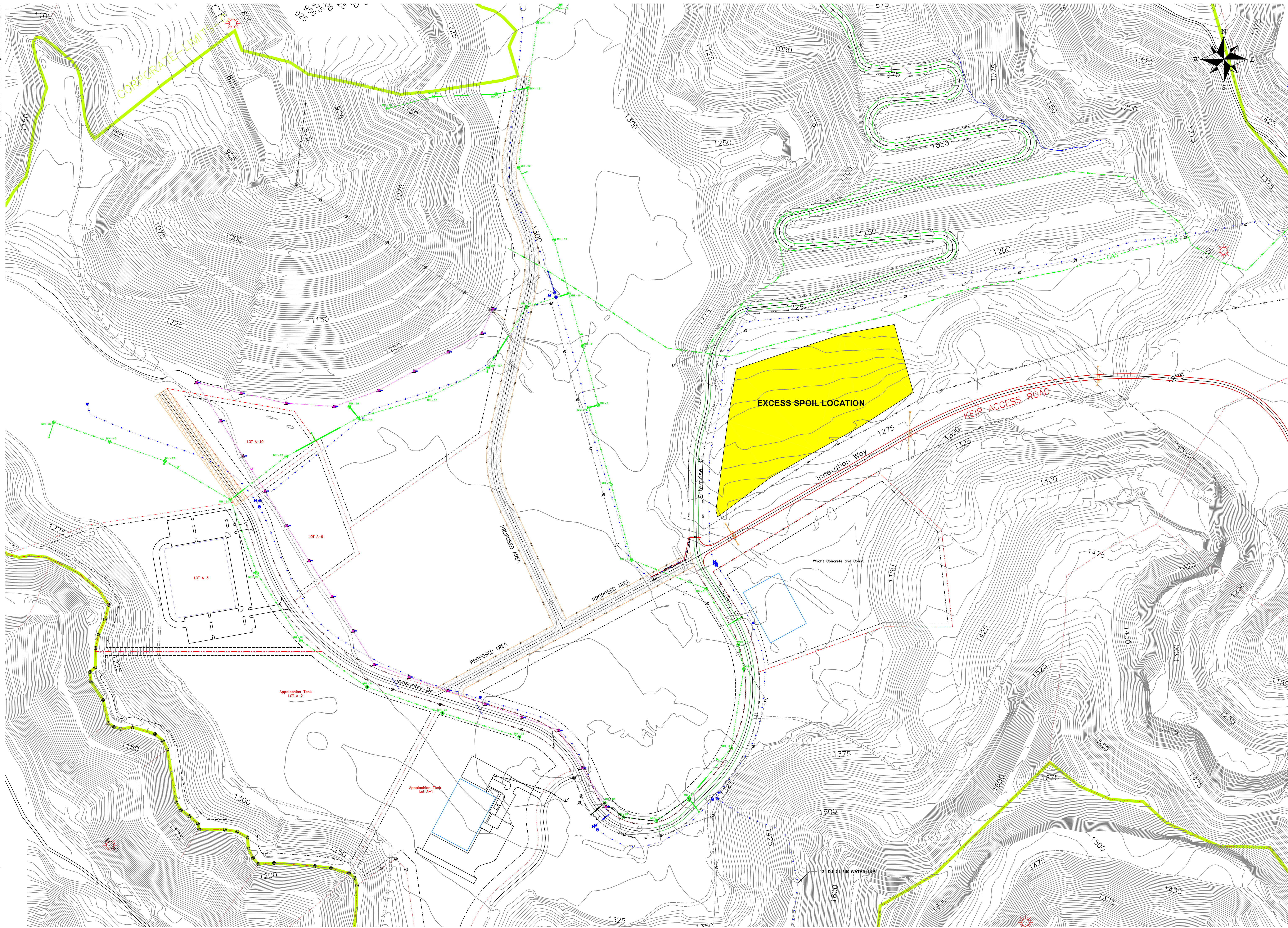
REVISION	
CURRENT REVISION:	2
DATE:	12.04.2024
DESCRIPTION:	ADDENDUM #2

SHEET INFORMATION	
PROJECT NUMBER:	24010
ISSUE DATE:	11.13.2024
ISSUED FOR:	BID PROCUREMENT
PRODUCED BY:	SHH
APPROVED BY:	TMC

C.500A
SITE PLAN WITH 1 FT
CONTOURS

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6 My Drive\Projects\2410 - KEIP 100K Spec Building\2410 - KEIP Build Ready Site.rvt



PROJECT INFORMATION
KEIP BUILD READY SITE

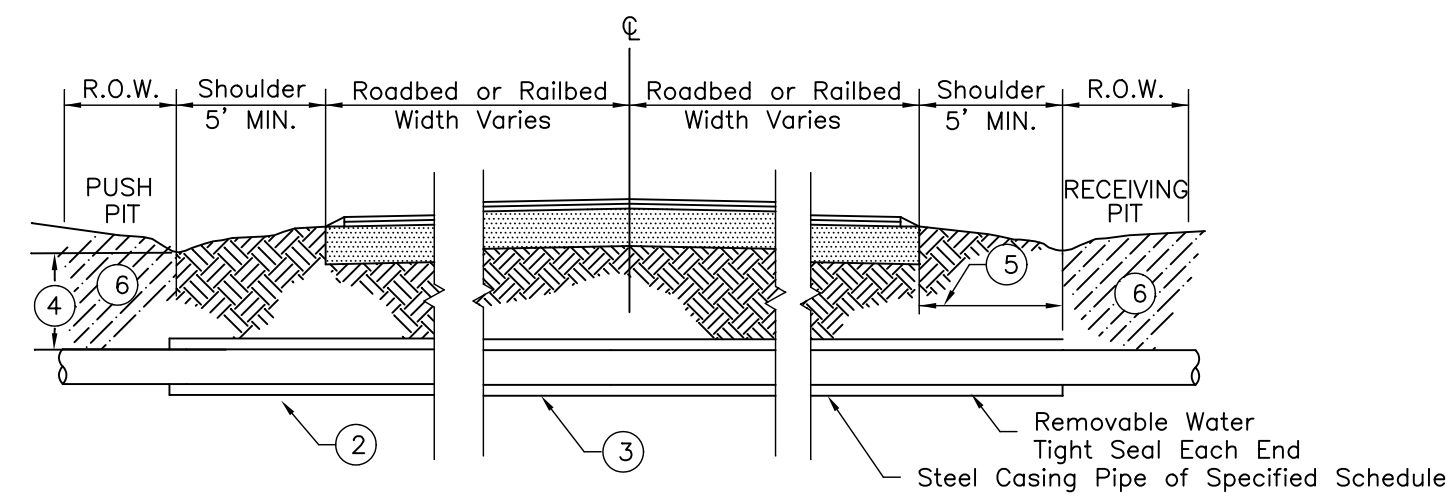
PIKEVILLE, KY 41501

REVISION	
CURRENT REVISION:	2
DATE:	12.04.2024
DESCRIPTION:	ADDENDUM #2

SHEET INFORMATION	
PROJECT NUMBER:	2410
ISSUE DATE:	11.13.2024
ISSUED FOR:	BID PROCUREMENT
PRODUCED BY:	SHH
APPROVED BY:	TMC

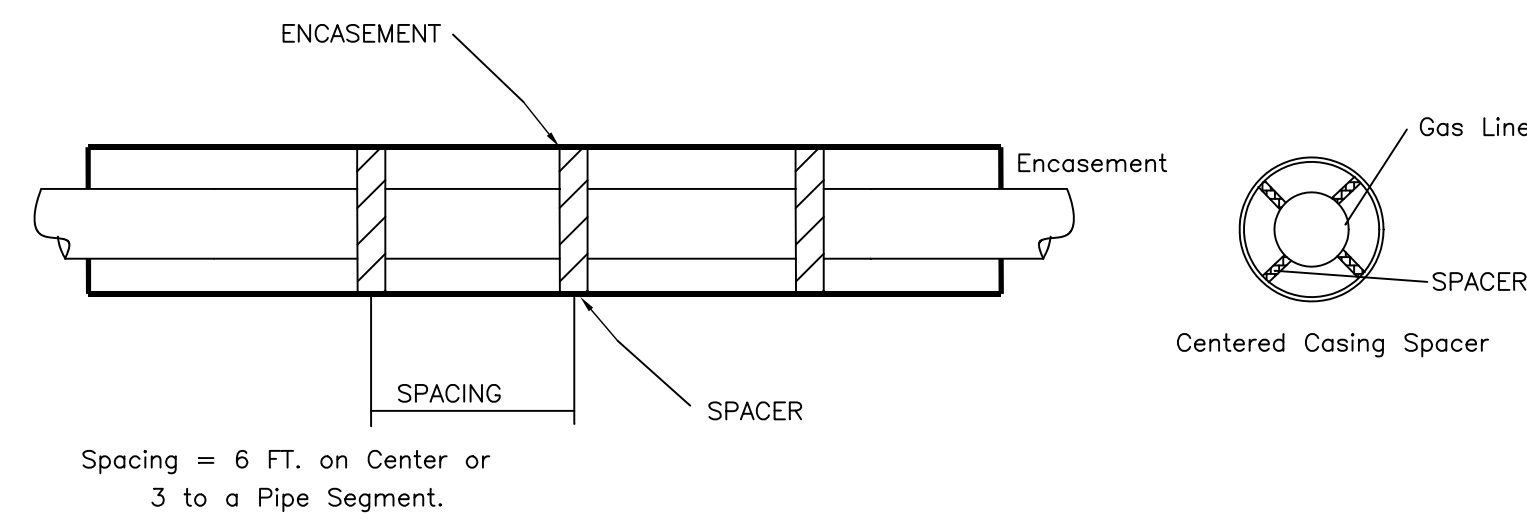
C.500B
EXCESS SPOIL LOCATION AREA

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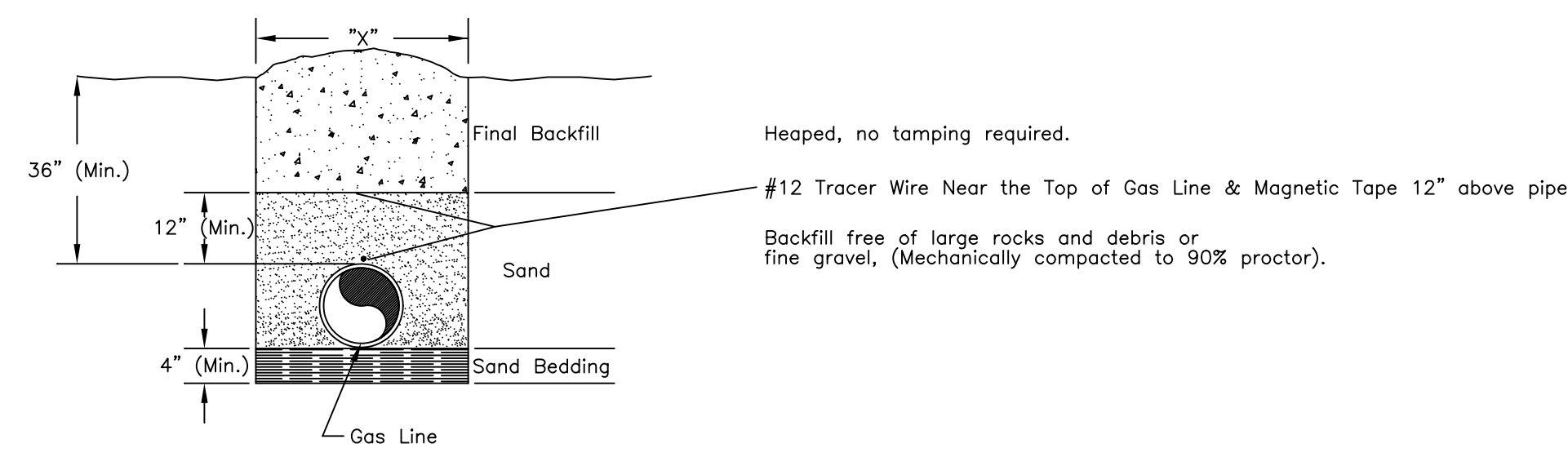


- 1 ALL PROPOSED ROAD BORES SHALL ADHERE TO THESE TECHNICAL SPECIFICATIONS.
- 2 SEE "TYPICAL PIPE CASING SKIDS" DETAIL HEREON.
- 3 ENCASEMENT PIPE I.D. SHALL BE AT LEAST 4" GREATER THAN THE BELL O.D. OF CARRIER PIPE.
- 4 MINIMUM 36" BELOW DITCH GRADE.
- 5 THE BORE PIT, RECEIVING PIT AND ENCASEMENT WILL EXTEND PAST THE SLOPE OR BOTTOM OF THE DITCHLINE OR A MAXIMUM OF 5' PAST THE EDGE OF PAVEMENT.
- 6 PUSH PIT AND RECEIVING PIT TO BE BACKFILLED AND THOROUGHLY COMPACTED.
- 7 ALL DITCH LINES TO BE LEFT OPEN.
- 8 SEED AND STRAW ALL AREAS DISTURBED BY THIS WORK.

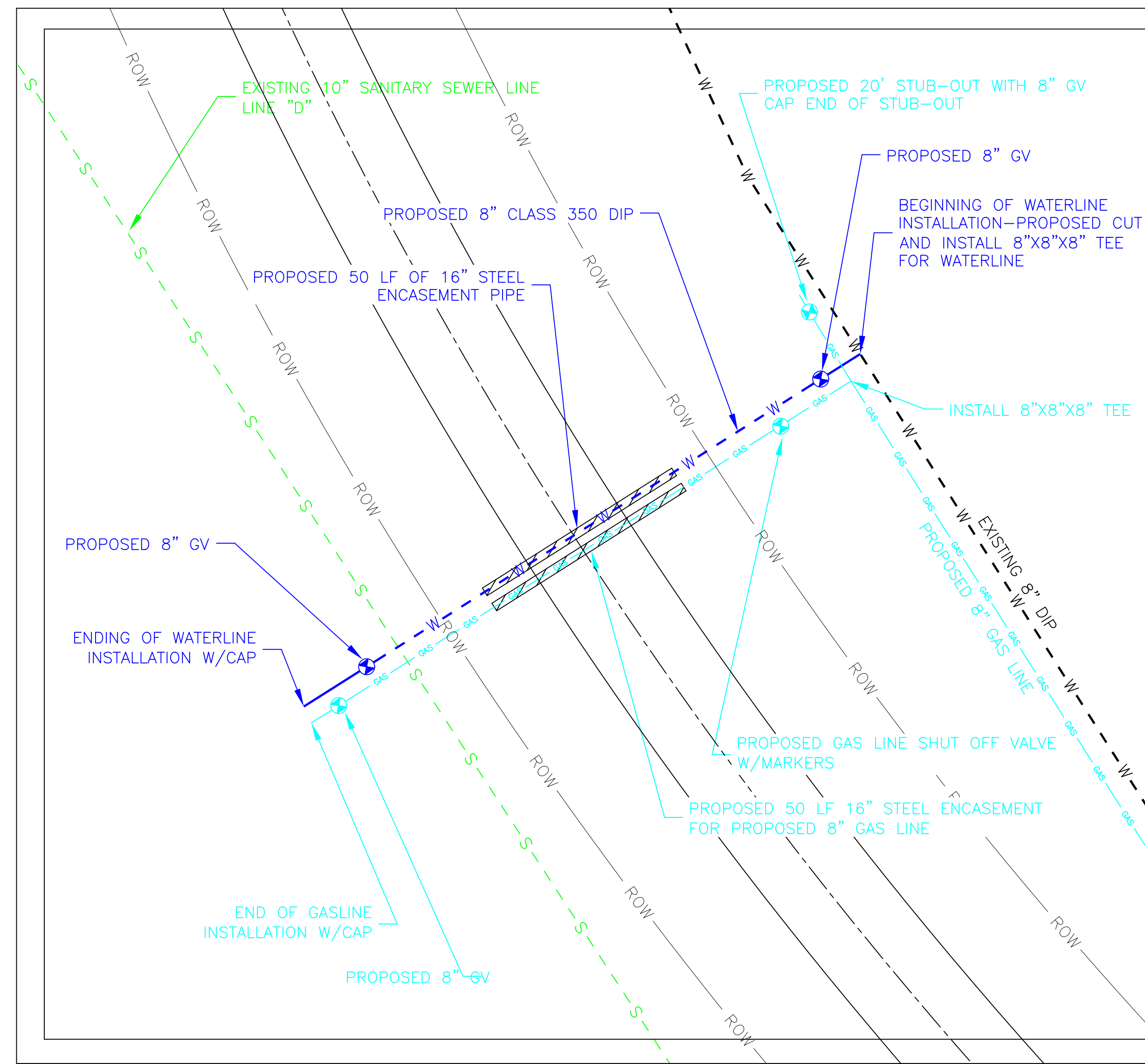
Typical Encasement for Gas Line



Typical Encasement Spacers

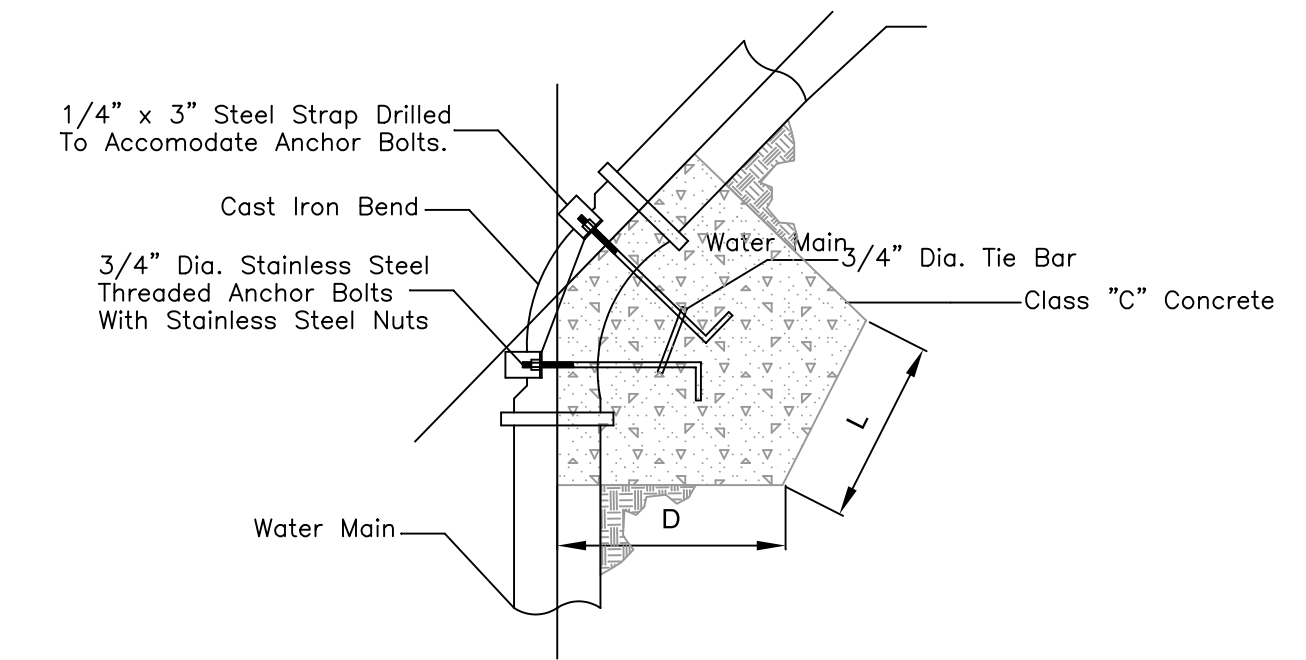


Typical Trenching for Gas Line



ENLARGED VIEW

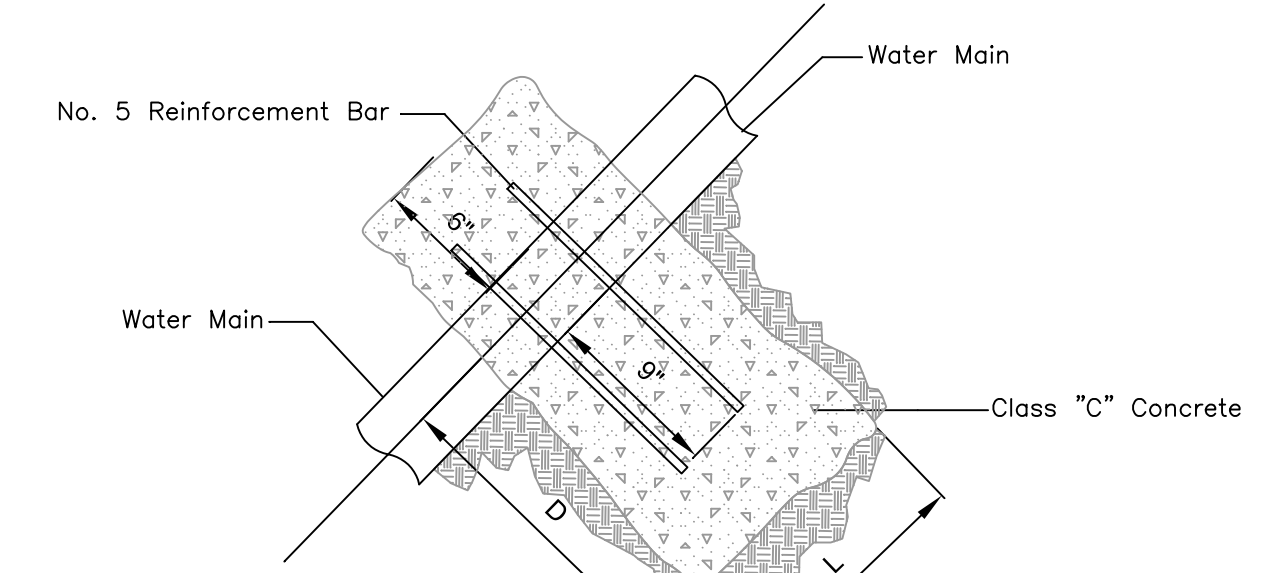
SCALE: 1"=30'



VERTICAL BENDS

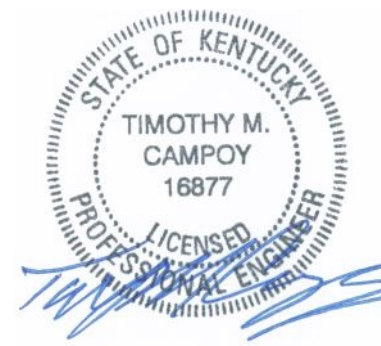
Pipe Size	2"	3"	4"	6"	8"	10"	12"
"D"	10"	12"	12"	15"	15"	18"	18"
"L"	12"	18"	18"	24"	24"	30"	30"

NOTE: Anchors to be full width of trench. Anchors must be placed against undisturbed earth.



STRAIGHT PIPE

Typical Concrete Anchor Blocks



PROJECT INFORMATION
KEIP BUILD READY SITE

PIKEVILLE, KY 41501

REVISION	
CURRENT REVISION:	2
DATE:	12.04.2024
DESCRIPTION:	ADDENDUM #2

SHEET INFORMATION	
PROJECT NUMBER:	2410
ISSUE DATE:	11.13.2024
ISSUED FOR:	BID PROCUREMENT
PRODUCED BY:	SHH
APPROVED BY:	TMC

C.502
UTILITIES DETAILS



PROJECT INFORMATION

KEIP BUILD READY SITE

PIKEVILLE, KY 41501

REVISION

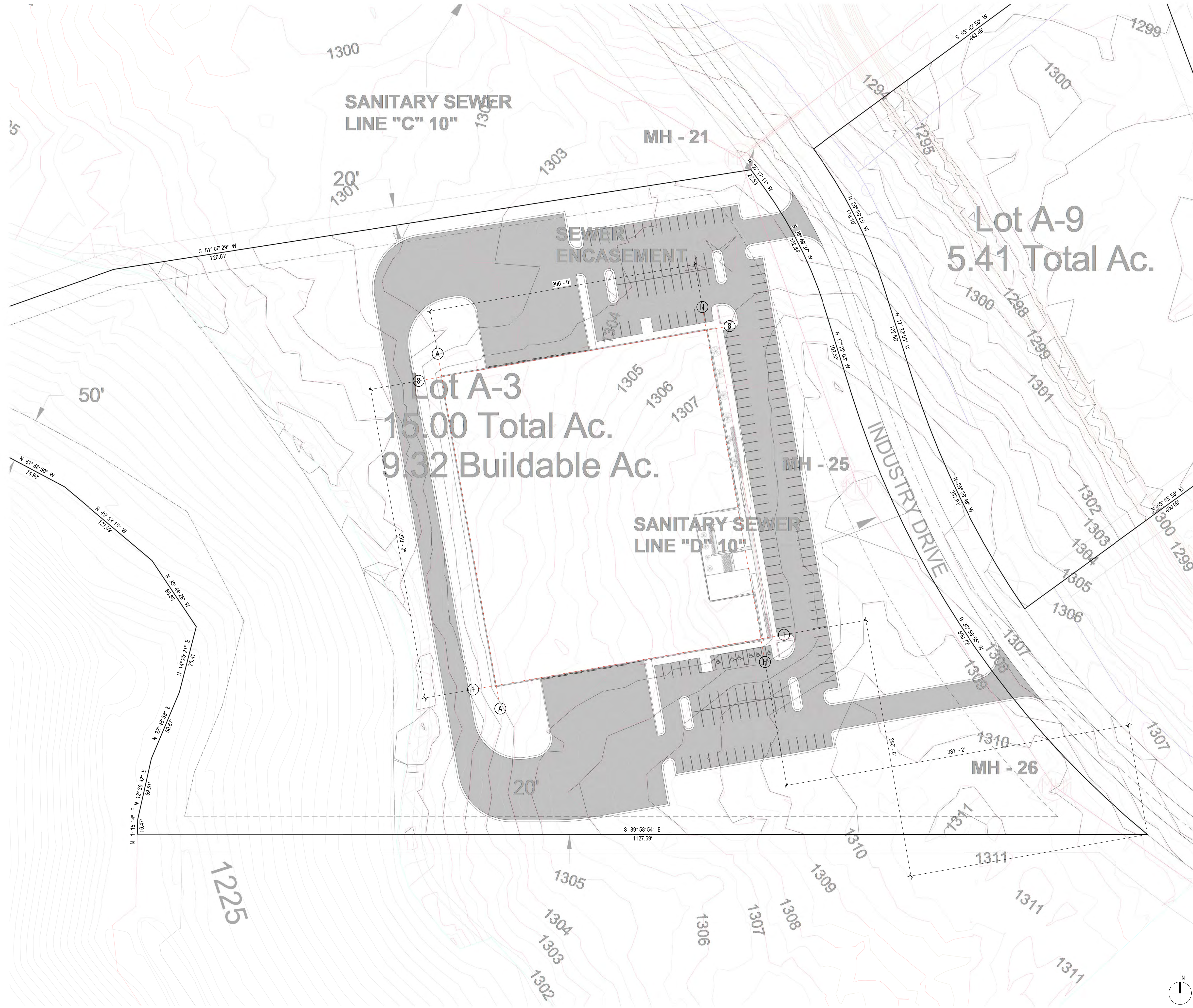
CURRENT REVISION:
DATE:
DESCRIPTION:

SHEET INFORMATION

PROJECT NUMBER: 24010
ISSUE DATE: 09.26.2024
ISSUED FOR: SDP
PRODUCED BY: JV
APPROVED BY: JV

A.002

PERSPECTIVE VIEWS



GENERAL NOTES

1. ALL DIMENSIONS REFERENCED TO AN EXISTING ELEMENT ARE APPROXIMATE. NEW WALLS AND/OR ELEMENTS THAT APPEAR TO BE FLUSH WITH EXISTING WALLS AND/OR ELEMENTS SHALL BE CONSTRUCTED AS SHOWN.
2. ALL EQUIPMENT AND SYSTEMS ARE TO BE INSTALLED AS RECOMMENDED BY THE MANUFACTURER FOR A COMPLETE, FUNCTIONAL AND WEATHER TIGHT ASSEMBLY, INCLUDING ALL NECESSARY COMPONENTS FOR THE SPECIFIED WARRANTY.
3. WHERE A CONFLICT EXISTS BETWEEN THE DRAWINGS AND SPECIFICATIONS, CONTACT THE ARCHITECT FOR CLARIFICATION. IF NO CLARIFICATION IS AVAILABLE, THE MORE RESTRICTIVE OPTION IS TO BE FOLLOWED.

KEYNOTES

- 1 PROVIDE 6" MIN. TOP SOIL. SOW GRASS SEED WITH TRACTOR DRAWN SOWING EQUIPMENT, AND APPLY STRAW MULCH IN AREAS INDICATED. WATER ADEQUATELY TO ENSURE CONTINUOUS AND VIGOROUS GROWTH OF GRASS.
- 2 PROVIDE 8" MIN. TOP SOIL IN PLANTING BED AREAS.
- 3 ASPHALT PAVING - 1" COMPACTED DEPTH ASPHALT SURFACE OVER 2" COMPACTED DEPTH ASPHALT BASE OVER 8" COMPACTED DEPTH DGA.
- 4 CONCRETE PAVING / CONCRETE SIDEWALK SLOPE AWAY FROM BUILDING AT MIN. 1/8" INCH PER FT. ALL SIDEWALKS TO BE 4" THICK W/ MIN. 3500 PSI CONC. W/ 6x6 W/ 4x4 W.W.F. OVER 4" MIN. COMPACTED DGA AND MEDIUM BROOM FINISH - CONSTRUCTION JOINTS SHALL BE MADE AT 6' O.C. MIN. ALL CONCRETE ENTRANCES TO BE 8" THICK W/ MIN. 4000 PSI CONC W/ 6x6 W2.9xW2.9 W.W.F OVER 4" MIN COMPACTED DGA.
- 5 4" WHITE PARKING STRIPING INCLUDING ACCESSIBLE SYMBOLS AS REQUIRED BY ICC A117.1-2009.
- 6 FURNISH AND MAINTAIN THROUGHOUT CONSTRUCTION A TEMPORARY IDENTIFICATION SIGN. SIGN IS TO BE FULL COLOR AND PRINTED AND MOUNTED ON MATERIALS THAT WILL REMAIN UNDAMAGED BY WEATHER CONDITIONS WITHOUT DELAMINATION, DISCOLORING OR OTHER SIGNS OF DETERIORATION. LOCATION OF SIGN IS TO BE SELECTED BY OWNER IN ACCORDANCE WITH AUTHORITIES HAVING JURISDICTION. TEMPORARY SIGN IS TO BE REMOVED FOLLOWING SUBSTANTIAL COMPLETION.

PROJECT INFORMATION
KEIP BUILD READY SITE

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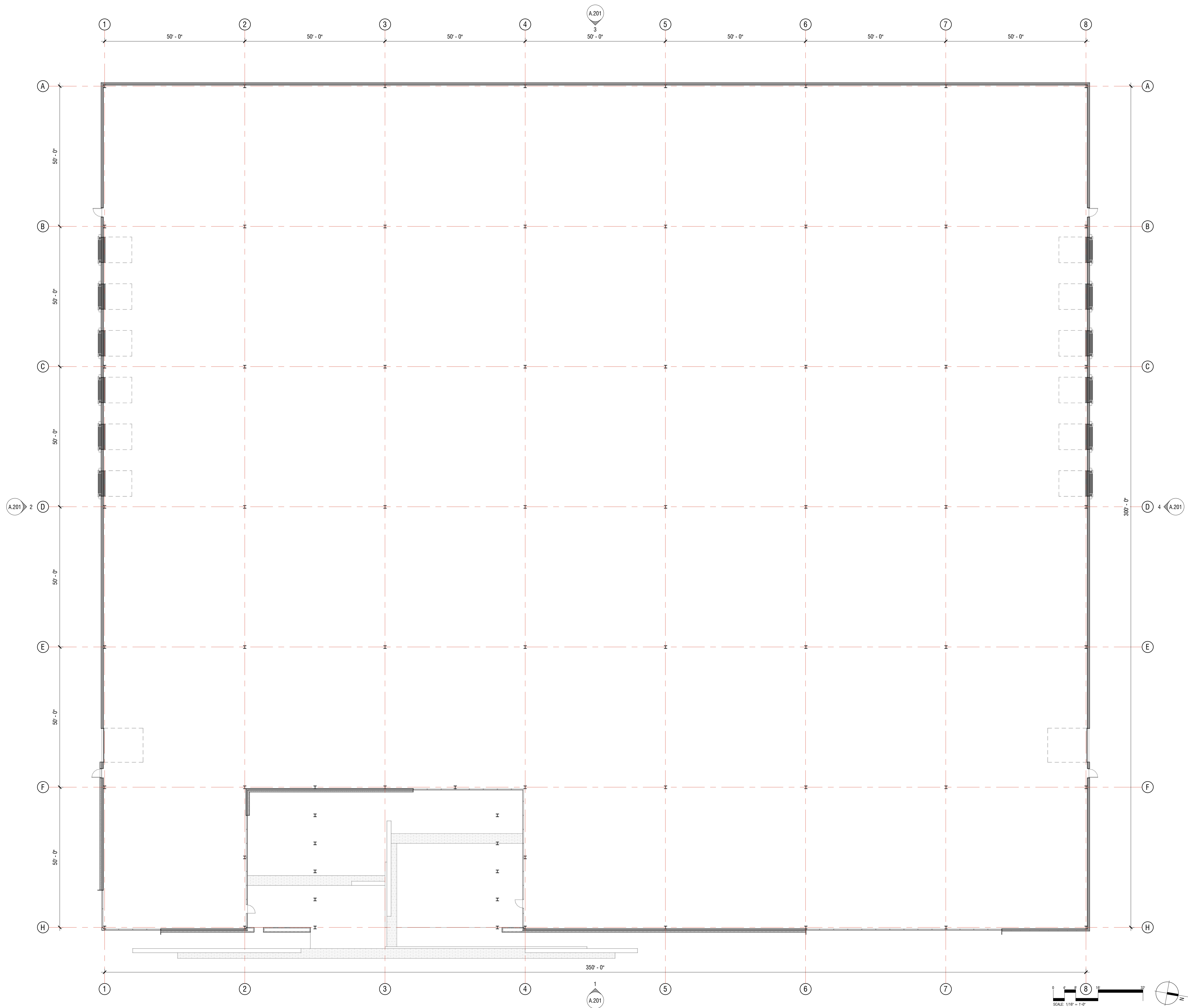
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A.101
 ARCHITECTURAL SITE
 PLAN



GENERAL NOTES

1. ALL DIMENSIONS REFERENCED TO AN EXISTING ELEMENT ARE APPROXIMATE. NEW WALLS AND/OR ELEMENTS THAT APPEAR TO BE FLUSH WITH EXISTING WALLS AND/OR ELEMENTS SHALL BE CONSTRUCTED AS SHOWN.
2. ALL DIMENSIONS ARE REFERENCED TO THE FACE OF STUD, FACE OF EXTERIOR MASONRY, OR CENTERLINE OF COLUMN U.N.O.
3. ALL EQUIPMENT AND SYSTEMS ARE TO BE INSTALLED AS RECOMMENDED BY THE MANUFACTURER FOR A COMPLETE, FUNCTIONAL AND WEATHER TIGHT ASSEMBLY, INCLUDING ALL NECESSARY COMPONENTS FOR THE SPECIFIED WARRANTY.
4. FLOOR FINISH TRANSITIONS OCCUR AT DOOR OPENINGS U.N.O.
5. WHERE A CONFLICT EXISTS BETWEEN THE DRAWINGS AND SPECIFICATIONS, CONTACT THE ARCHITECT FOR CLARIFICATION. IF NO CLARIFICATION IS AVAILABLE, THE MORE RESTRICTIVE OPTION IS TO BE FOLLOWED.

KEYNOTES

- 1 EXPOSED STEEL COLUMNS, BEAMS, GIRTS, PURLINS, AND ADDITIONAL STEEL COMPONENTS ARE TO BE GRAY PRIMED BY PEMB MFR - CONTRACTOR TO RE-PRIME ANY SCRAPED AREAS AND WELDS AFTER STEEL ERECTION - TYP. THROUGHOUT.
- 2 SEMI-RECESSED ELECTROSTATIC EPOXY COATED STEEL CABINET WITH UP TO 4" MAXIMUM DEEP ROLLED LIP, CLEAR ACRYLIC FULL PANEL GLAZED DOOR, PIANO HINGE, CAM CYLINDER LOCK, RECESSED HANDLE, AND DIE-CUT RED OR BLACK IDENTIFICATION LETTERS. SIZE AS REQUIRED FOR SPECIFIED EXTINGUISHER. INCLUDE FIRE EXTINGUISHER - ANSUL, SENTRY MODEL AA10S, 10 lb. DRY CHEMICAL EXTINGUISHER RATED 4-A-80-B-C. HEIGHT AS REQUIRED BY ADA.
- 3 BRACKET MOUNTED FIRE EXTINGUISHER - ANSUL, SENTRY MODEL AA10S, 10 lb. DRY CHEMICAL EXTINGUISHER RATED 4-A-80-B-C. HEIGHT AS REQUIRED BY ADA.
- 4 CONCRETE WALKWAY AND CURB - SEE CIVIL DRAWINGS FOR REQUIREMENTS.
- 5 36" HIGH CONCRETE FILLED 6" STEEL PIPE BOLLARD - PAINTED FINISH W/ 18" DIA X 36" CONCRETE FOUNDATION. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
- 6 FURNISHINGS AND EQUIPMENT TO BE OWNER FURNISHED, CONTRACTOR INSTALLED. SEE EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION. COORDINATE POWER, COMMUNICATION & OTHER UTILITY LOCATIONS AS REQUIRED FOR EQUIPMENT. INSTALL BLOCKING AS REQ.

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A.104
 FIRST LEVEL FLOOR PLAN

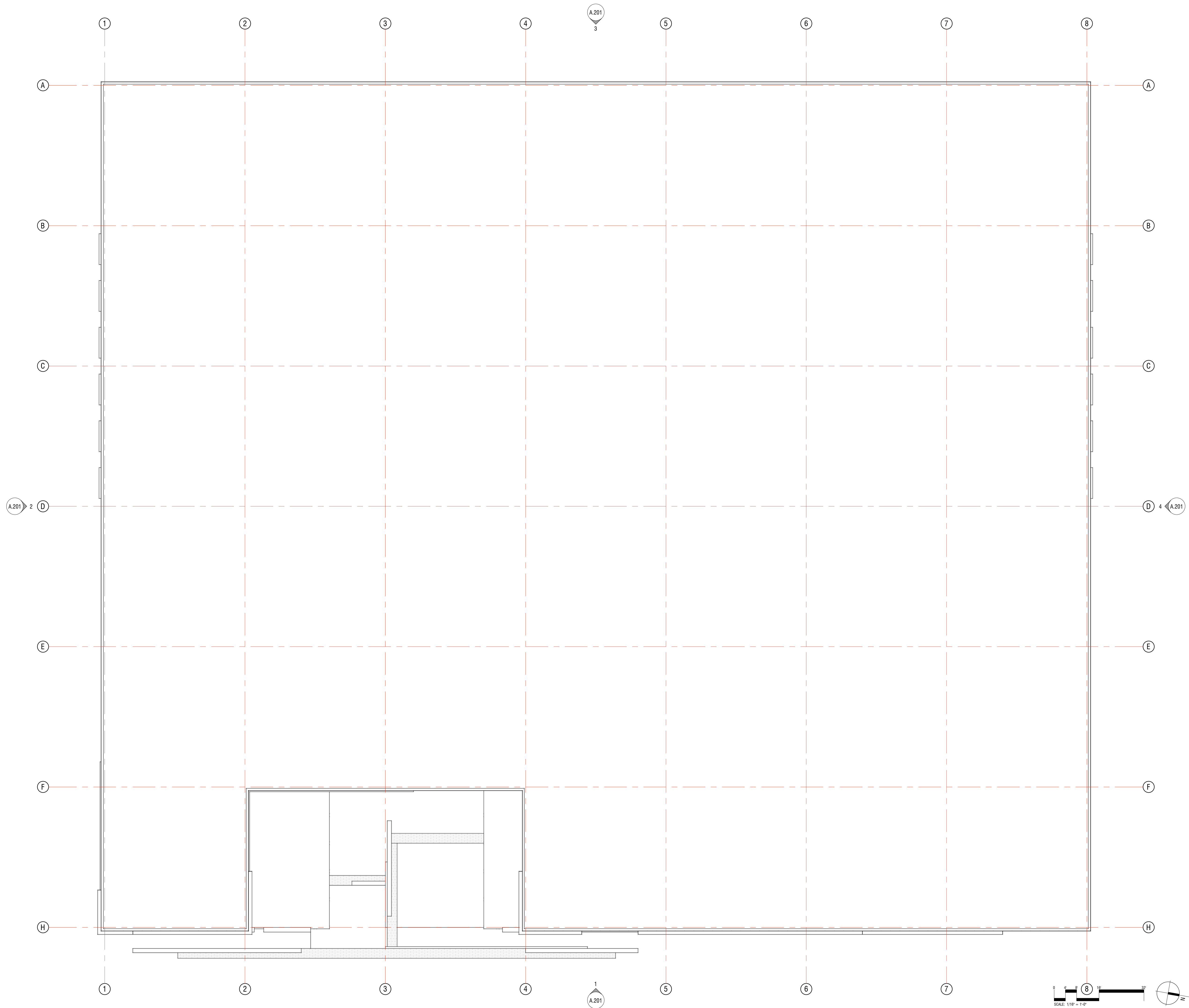
1 FLOOR PLAN: 1/16" = 1'-0"

GENERAL NOTES

1. ALL EQUIPMENT AND SYSTEMS ARE TO BE INSTALLED AS RECOMMENDED BY THE MANUFACTURER FOR A COMPLETE, FUNCTIONAL AND WEATHER TIGHT ASSEMBLY, INCLUDING ALL NECESSARY COMPONENTS FOR THE SPECIFIED WARRANTY.
2. WHERE A CONFLICT EXISTS BETWEEN THE DRAWINGS AND SPECIFICATIONS, CONTACT THE ARCHITECT FOR CLARIFICATION. IF NO CLARIFICATION IS AVAILABLE, THE MORE RESTRICTIVE OPTION IS TO BE FOLLOWED.
3. ROOF PENETRATIONS NOT INDICATED SHALL BE FLASHED AND SEALED AS RECOMMENDED BY MANUFACTURER OF COMPONENT THAT REQUIRES PENETRATION AND AS INDICATED ON THE MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.

KEYNOTES

- 1 MECHANICALLY ATTACHED THERMOPLASTIC POLYOLEFIN SINGLE-PLY ROOFING MEMBRANE - JOHNS MANVILLE 60 MIL TPO OR APPROVED EQUAL. PROVIDE TAPERED INSULATION WHERE INDICATED AND/OR REQUIRED FOR POSITIVE DRAINAGE.
- 2 PRIMARY AND SECONDARY ROOF DRAINS - SEE PLUMBING AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION AND TERMINATION LOCATION.
- 3 26 GA. CONT. PRE-FINISHED FLASHING WITH CONT. CLEAT - FASTEN TO CONT. PRESSURE TREATED NAILER AT PERIMETER. INSTALL SPLICE PLATE WITH NEOPRENE STRIPS AT ALL JOINTS. - FINISH TO BE SELECTED FROM FULL RANGE OF MFR OPTIONS.



PROJECT INFORMATION

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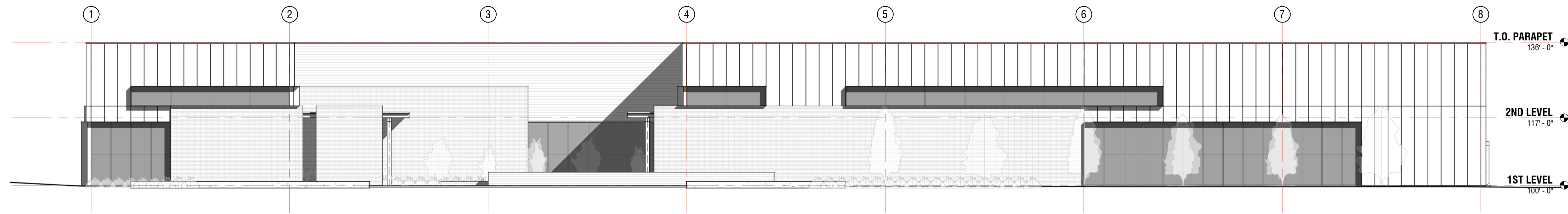
A.108

ROOF PLAN

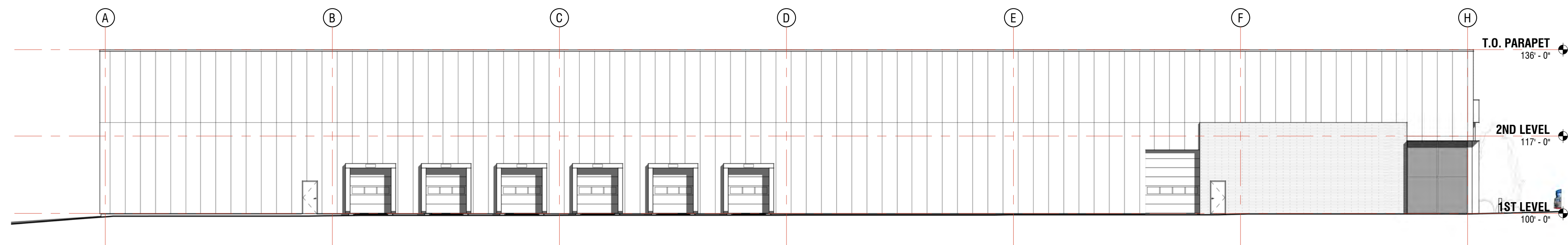


GENERAL NOTES

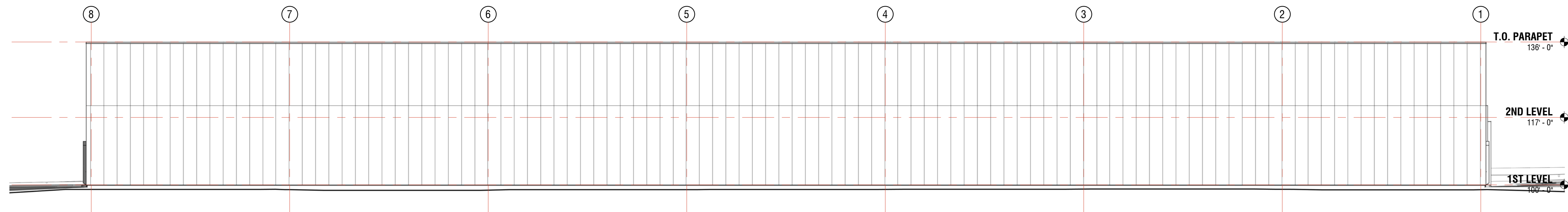
1. ALL EQUIPMENT AND SYSTEMS ARE TO BE INSTALLED AS RECOMMENDED BY THE MANUFACTURER FOR A COMPLETE, FUNCTIONAL AND WEATHER TIGHT ASSEMBLY, INCLUDING ALL NECESSARY COMPONENTS FOR THE SPECIFIED WARRANTY.
2. WHERE A CONFLICT EXISTS BETWEEN THE DRAWINGS AND SPECIFICATIONS, CONTACT THE ARCHITECT FOR CLARIFICATION. IF NO CLARIFICATION IS AVAILABLE, THE MORE RESTRICTIVE OPTION IS TO BE FOLLOWED.
3. REFER TO BUILDING SECTIONS, WALL SECTIONS, AND DETAILS FOR INFORMATION NOT SHOWN IN THE ELEVATION DRAWINGS.
4. ALL HEIGHTS ARE REFERENCED TO STRUCTURE. ACTUAL FINISHED FLOOR AND ROUGH OPENING DIMENSIONS VARY DEPENDING ON MATERIAL. U.N.O.
5. LINES REPRESENTING EXISTING OR FINISHED GRADES ARE SHOWN FOR REFERENCE PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR FINAL GRADE AND SPOT ELEVATIONS.
6. ALL EXPOSED EXTERIOR METAL FLASHINGS SHALL BE PRE-FINISHED GALVANIZED STEEL U.N.O.



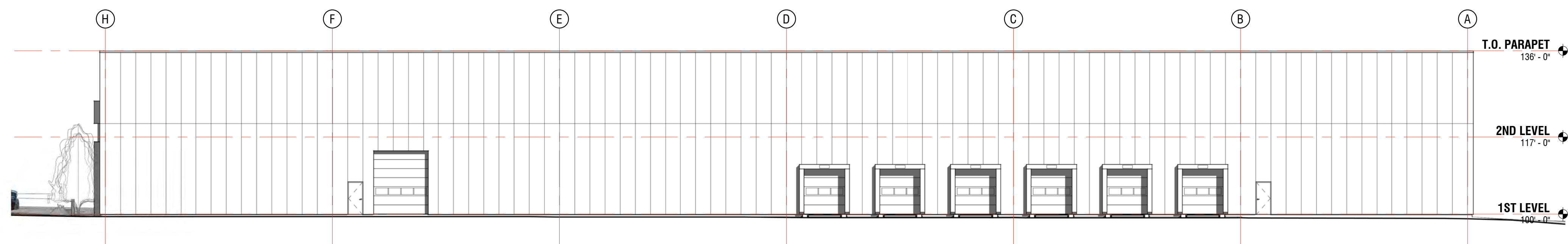
1 EAST ELEVATION: 1/16" = 1'-0"



2 SOUTH ELEVATION: 1/16" = 1'-0"



3 WEST ELEVATION: 1/16" = 1'-0"



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

KEYNOTES

1. ALUMINUM CURTAINWALL FRAME, GAUGE, SIZES, AND INTEGRAL REINFORCING AS CALCULATED BY MANUFACTURER - SEE CURTAINWALL ELEVATIONS FOR FRAME AND GLASS DESCRIPTION. FRAME FINISH TO BE KAWNEER BLACK ANODIZED.
2. PRE-FINISHED 3" THICK X 30" WIDE INSULATED METAL PANEL. KINGSPAN MINI-MICRO RIB INSULATED METAL OR APPROVED EQUAL. EXTERIOR FACE TO BE 24 GAUGE COLOR TO BE MICA FLUOROPON CLASSIC WEATHERED ZINC.
3. EXPOSED STEEL BEAMS, CONNECTIONS, AND OTHER FRAMING TO BE PRIMED AND PAINTED - SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
4. 1 1/2" T OVERHEAD SECTIONAL DOOR. C.H.I. OVERHEAD DOORS MODEL 3206 OR APPROVED EQUAL. INCLUDE FULL VISION LITE WHERE INDICATED - CUSTOM COLOR AS SELECTED BY ARCHITECT.
5. INSULATED EXTERIOR HOLLOW METAL DOOR AND FRAME TO BE SHOP PRIMED AND FIELD PAINTED - COLOR TO BE SELECTED BY ARCHITECT.
6. 36" HIGH CONCRETE FILLED 6" STEEL PIPE BOLLARD IN 18" DIA X 36" CONCRETE FOUNDATION. PRIME AND PAINT BOLLARD - COLOR TO BE SELECTED BY ARCHITECT.
7. 4 x 4 x 36 GROUND-FACE CMU VENEER, TRENWYTH INDUSTRIES, ARIA SLIM STONE OR APPROVED EQ. - COLOR TO BE CORDOVA, GRAPHITE GROUND FACE. PROVIDE VERTICAL EXPANSION JOINTS IN MASONRY AT A MINIMUM OF 20 FT AT EXTERIOR PERIMETER. ANCHOR TO GALVANIZED TRIANGULAR TIES W/ SCREW ON STRAPS @ 16" O.C. VERT. AND HORIZ. TYP.
8. INTERNALLY ILLUMINATED, RAISED LETTERS/LOGO SIGN - INDIVIDUAL LETTERS & LOGO FRAMES TO BE POWDER COATED METAL W/ ACRYLIC FACE. OWNER TO PROVIDE CONTRACTOR WITH DIGITAL GRAPHIC REPRESENTATION OF SIGNAGE AND REVIEW SHOP DRAWING OF PROPOSED FINAL DESIGN PRIOR TO FABRICATION.
9. WOOD SIDING: ROUGH-SAWN, NICKEL GAP EXTERIOR CEDAR SIDING, FINISH WITH SHERWIN WILLIAMS SEMI-TRANSPARENT STAIN AND CLEAR MATTE FINISH, VARIED WIDTHS (50% 1x4, 25% 1x6, 25% 1x8), INSTALL VERTICAL IN RANDOM PATTERN WITH CONCEALED FASTENERS.
10. 26 GA. CONT. PRE-FINISHED FLASHING WITH CONT. CLEAT - FASTEN TO CONT. PRESSURE TREATED NAILER AT PERIMETER. INSTALL SPLICE PLATE WITH NEOPRENE STRIPS AT ALL JOINTS. - FINISH TO MATCH CORRUGATED METAL SIDING.
11. MECHANICAL DOCK LEVELER - RITE HITE RHM OR APPROVED EQ. W/ 18" W x 10" H 4.5" D FABRIC IMPREGNATED RUBBER PADS SECURED BY 3/4" DIAMETER STEEL RODS MOUNTED TO 1/4" STEEL ANGLE BRACKETS.
12. DOCK SEAL - RITE-HITE CLASSIC SEAL WITH HIGH PERFORMANCE HEADER OR APPROVED EQUAL.

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EXTERIOR ELEVATIONS