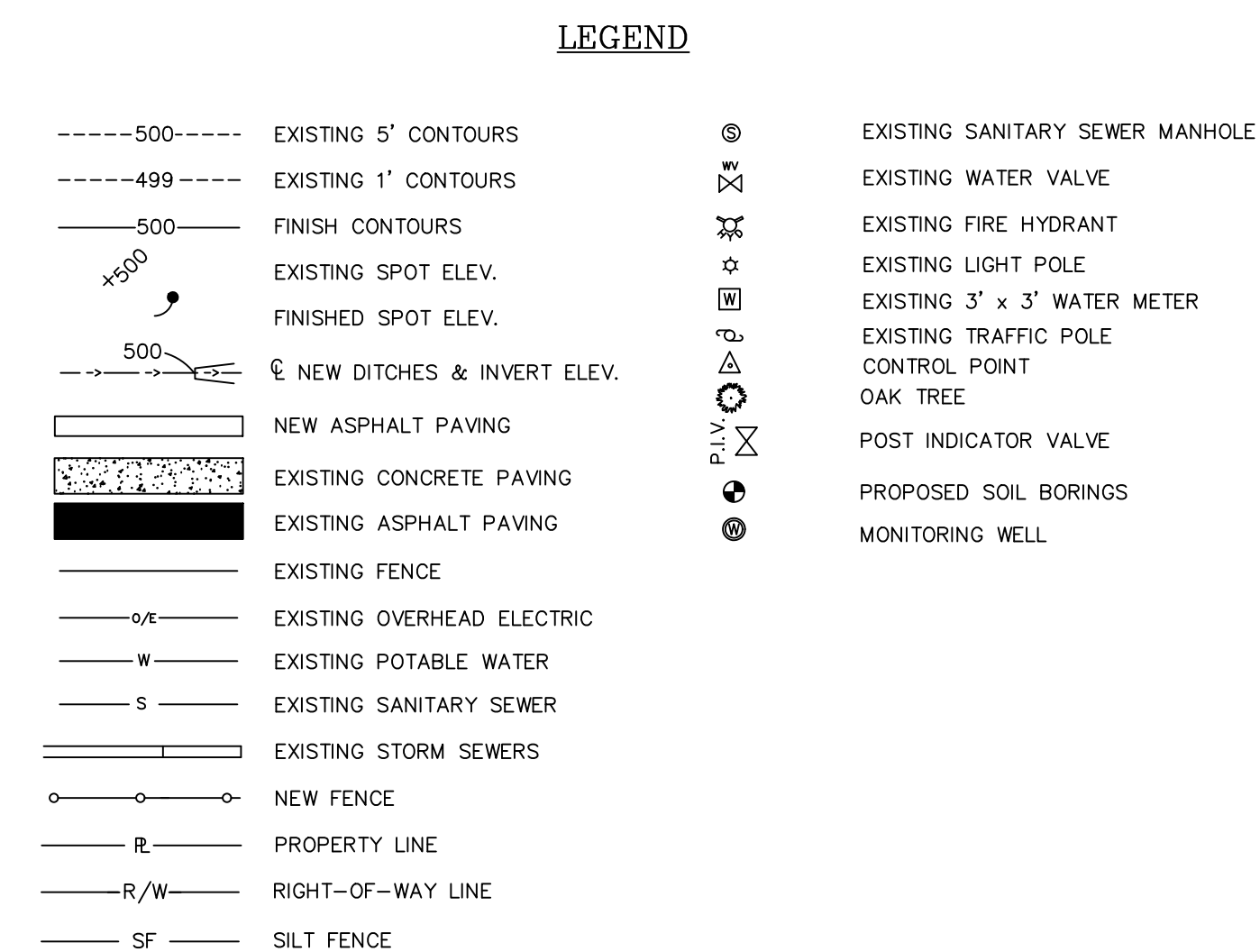
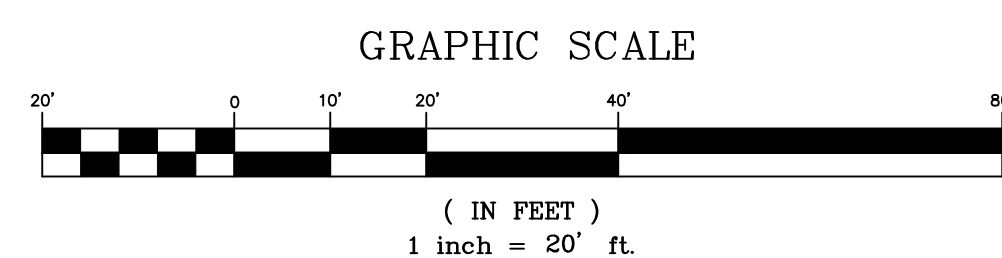
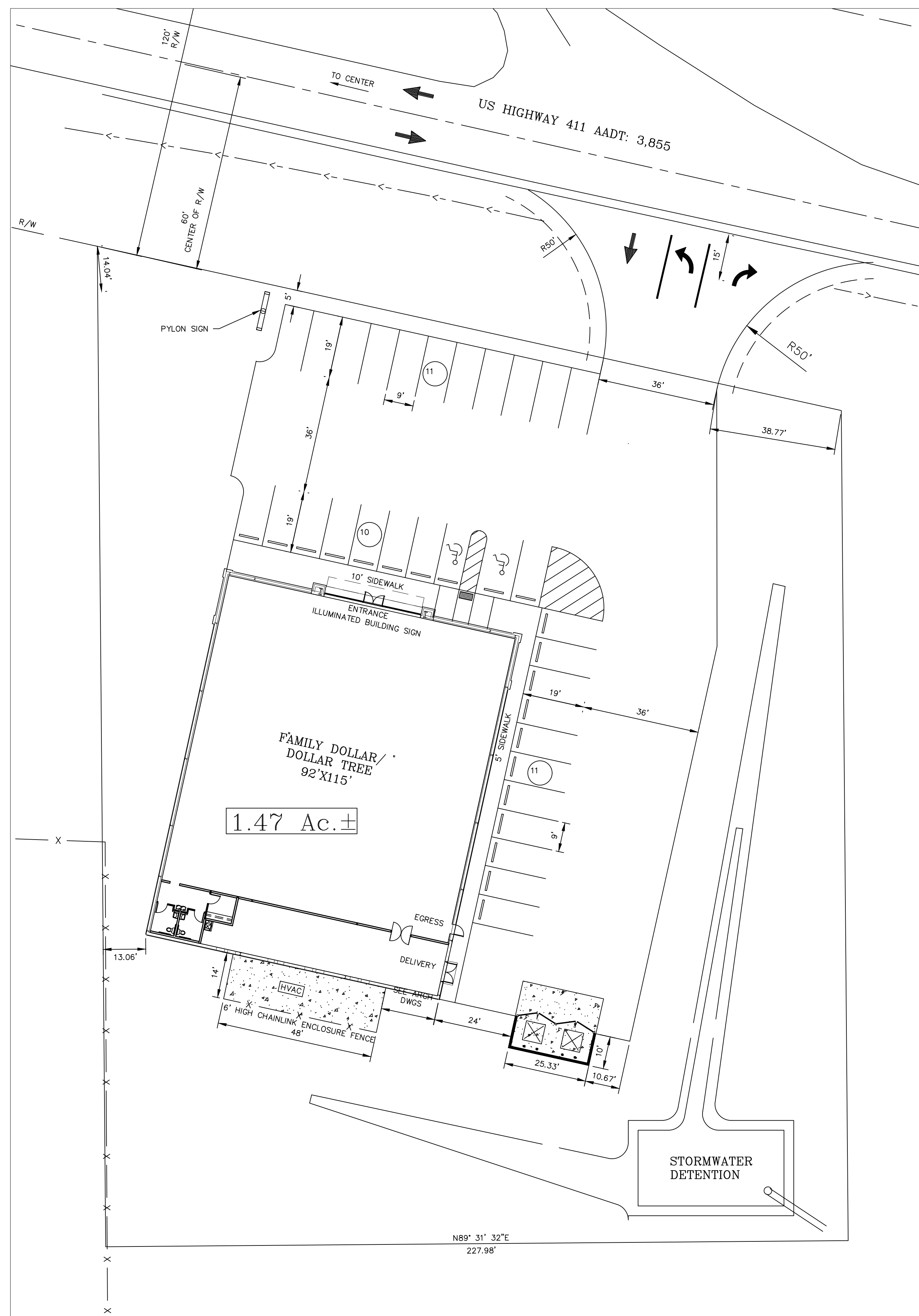
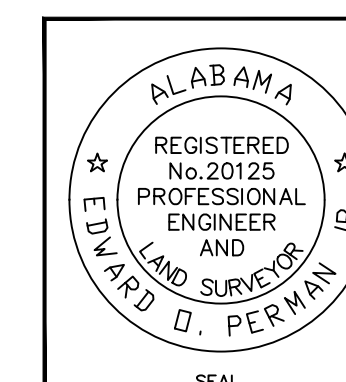
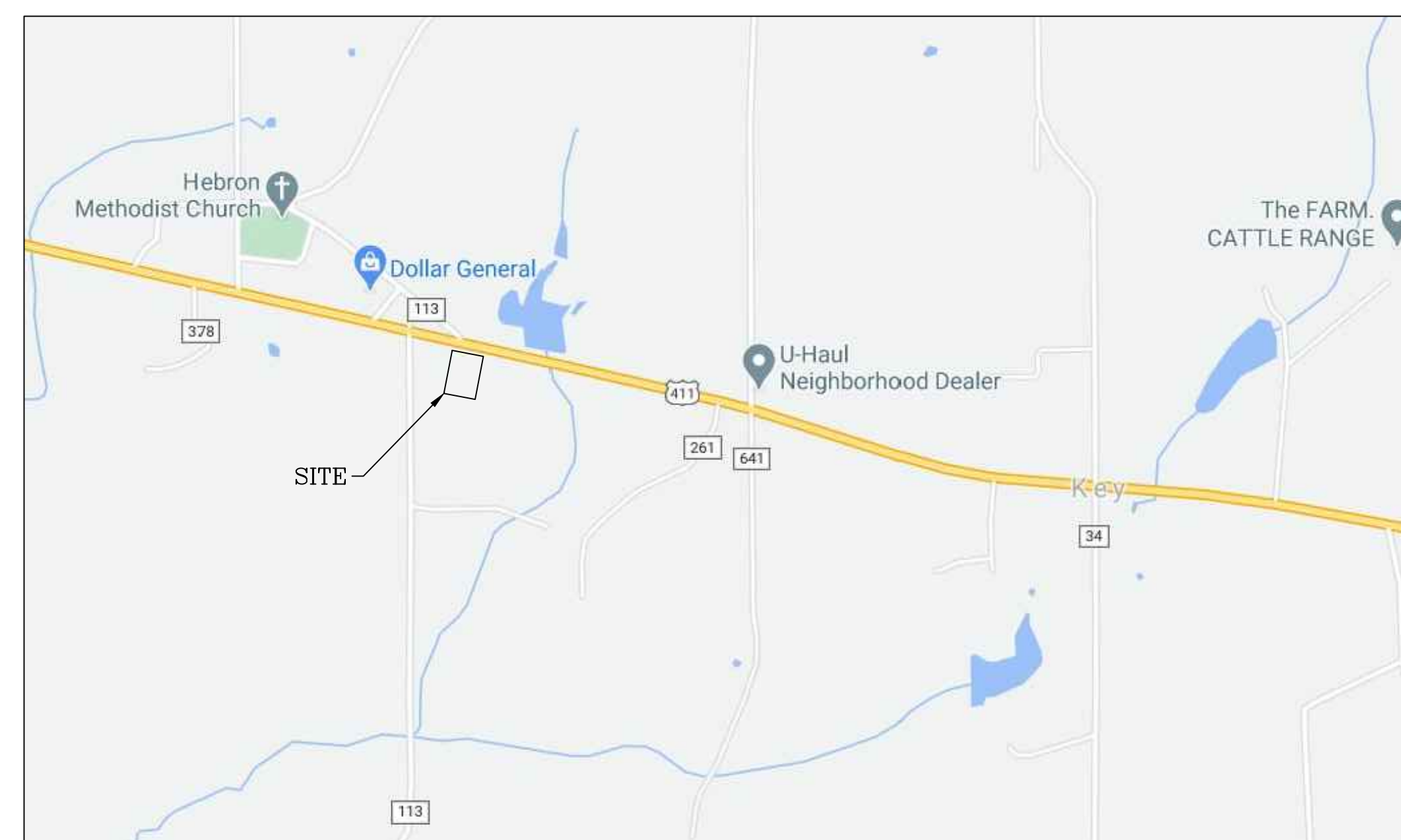




VICINITY MAP



		SEAL									
NO.	DATE	△		REVISIONS		DWN		CKD		APPRV	
DRAWN BY TLP				DATE		CHECKED BY EOP				DATE	
DESIGNED BY TLP				DATE							
PECO			PERMAN ENGINEERING CO., LL Engineers—Contractors—Developers 2425 Lumbley Rd. Rainbow City, Al. 35096 Tel. (256) 413—0433 Fax: (256) 442—0161 E-mail: INFO@PERMANENG.COM								
CENTRE, AL											
SITE PLAN											
SCALE: 20'		SHEET NO. C1		PROJECT NAME: CENTRE PECO PROJECT # FD210209							
DATE: 03/26/2021				REV 0							

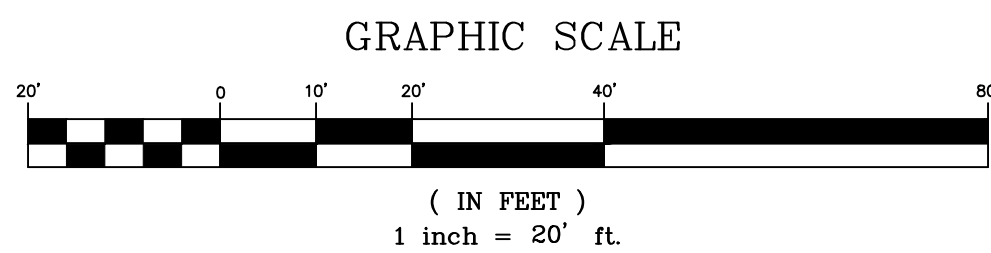
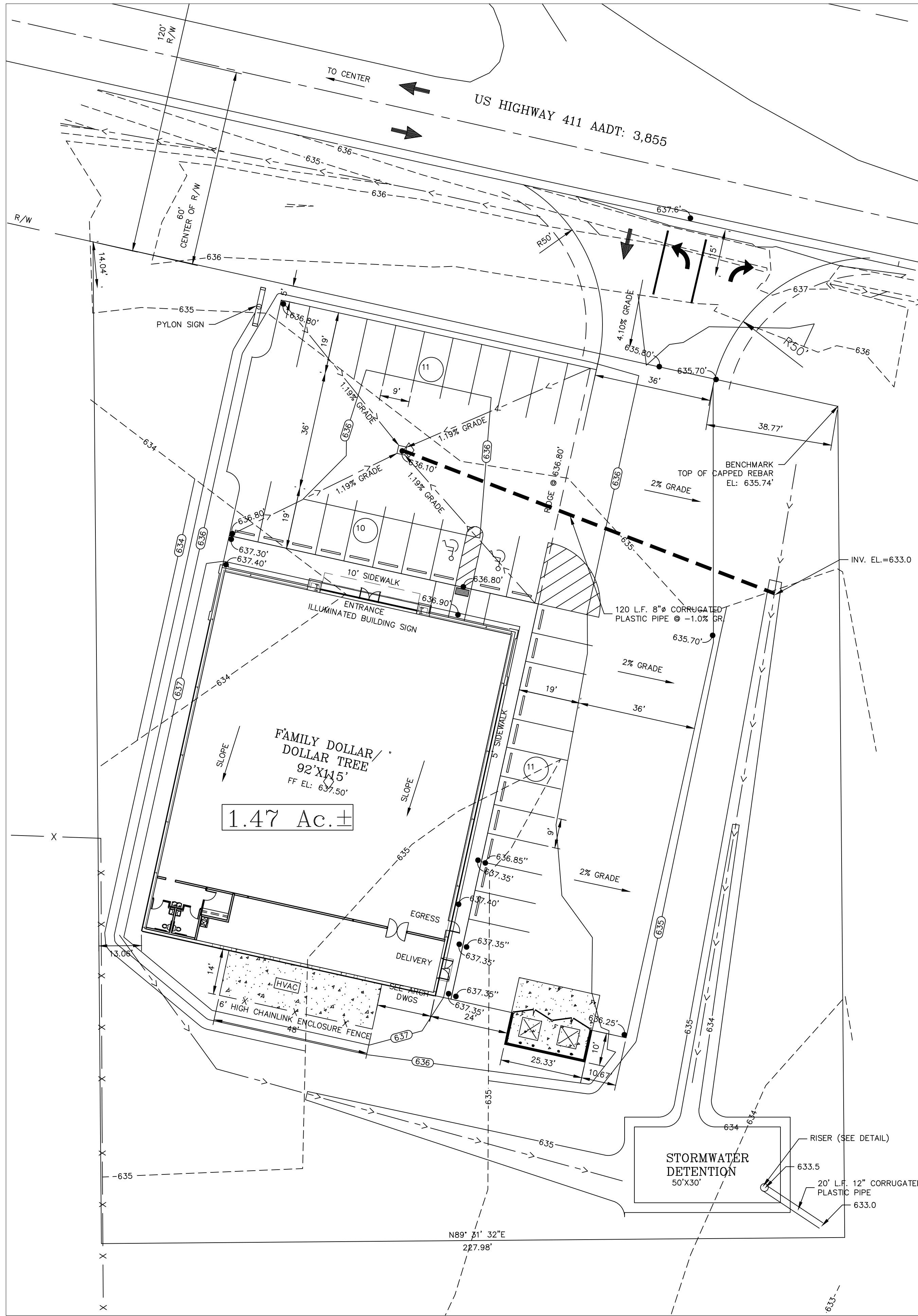
DEVELOPER:

PERMAN ENGINEERING CO., LLC

2425 Lumbley Road
Rainbow City, AL 35906
Tel: (256) 413-0433

F.D. Project #:

FAMILY DOLLAR STORE
92'X115'



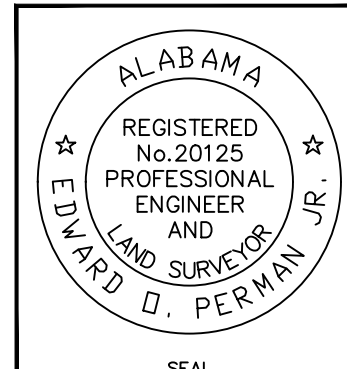
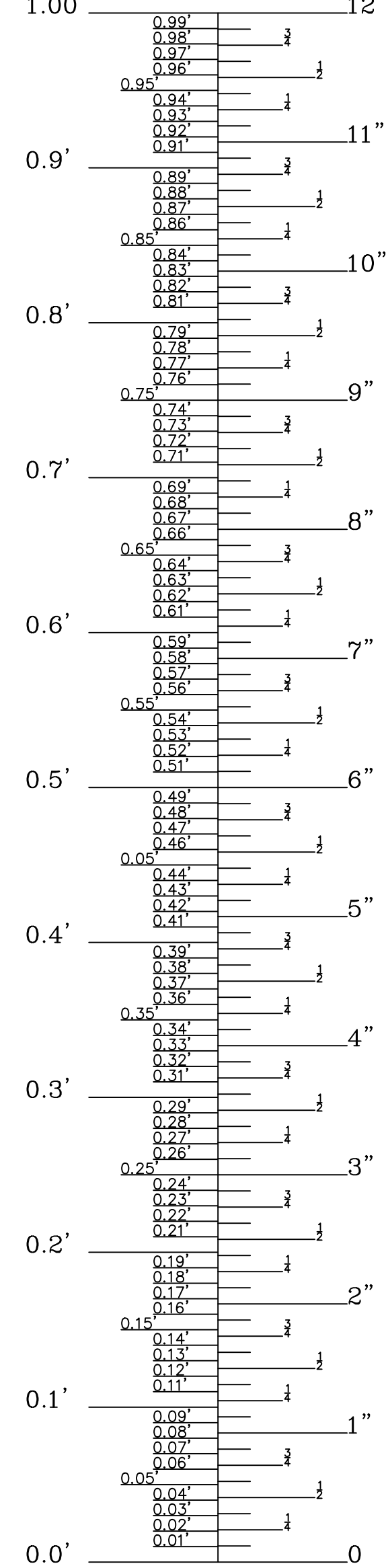
Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
VOLUME	1.00	1.00	40507.28 Sq. Ft.	17.52 Cu. Yd.	2322.07 Cu. Yd.	2304.55 Cu. Yd.<Fill>
Totals			40507.28 Sq. Ft.	17.52 Cu. Yd.	2322.07 Cu. Yd.	2304.55 Cu. Yd.<Fill>
- THE CUT/ FILL SUMMARY SHOWS THE QUANTITY OF COMPACTED YARDS BETWEEN THE EXISTING GRADE AND SUB-GRADE						
- AN ESTIMATED CUT OVER THE SITE FOR CLEARING AND GRUBBING WILL RESULT IN AN ADDITIONAL 750 YARDS OF CUT AND FILL						

LEGEND

- 500----- EXISTING 5' CONTOURS
- 499----- EXISTING 1' CONTOURS
- 500----- FINISH CONTOURS
- 500----- EXISTING SPOT ELEV.
- 500----- FINISHED SPOT ELEV.
- 500----- NEW DITCHES & INVERT ELEV.
- NEW ASPHALT PAVING
- EXISTING CONCRETE PAVING
- EXISTING ASPHALT PAVING
- EXISTING FENCE
- EXISTING OVERHEAD ELECTRIC
- EXISTING POTABLE WATER
- EXISTING SANITARY SEWER
- EXISTING STORM SEWERS
- NEW FENCE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- SILT FENCE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING LIGHT POLE
- EXISTING 3' x 3' WATER METER
- EXISTING TRAFFIC POLE
- CONTROL POINT
- OAK TREE
- POST INDICATOR VALVE
- PROPOSED SOIL BORINGS
- MONITORING WELL

TENTHS-INCHES
CONVERSION CHART



PERMAN ENGINEERING CO., LLC
Engineers-Contractors-Developers
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Rainbow City, AL 35906
Tel: (256) 413-0433
Fax: (256) 442-0161
E-mail: INFO@PERMANENG.COM

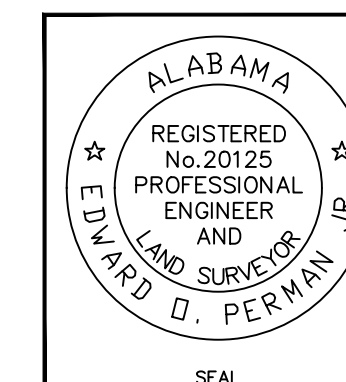
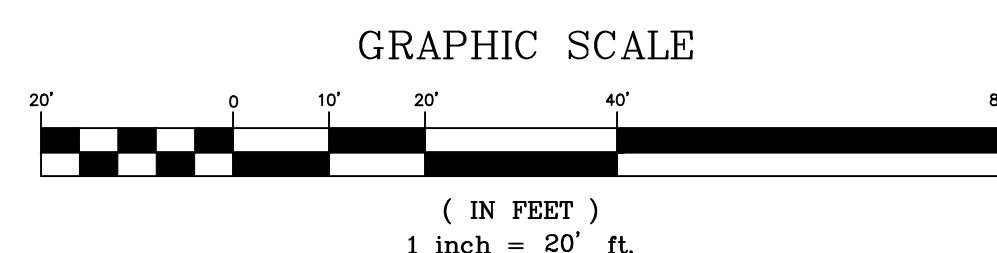
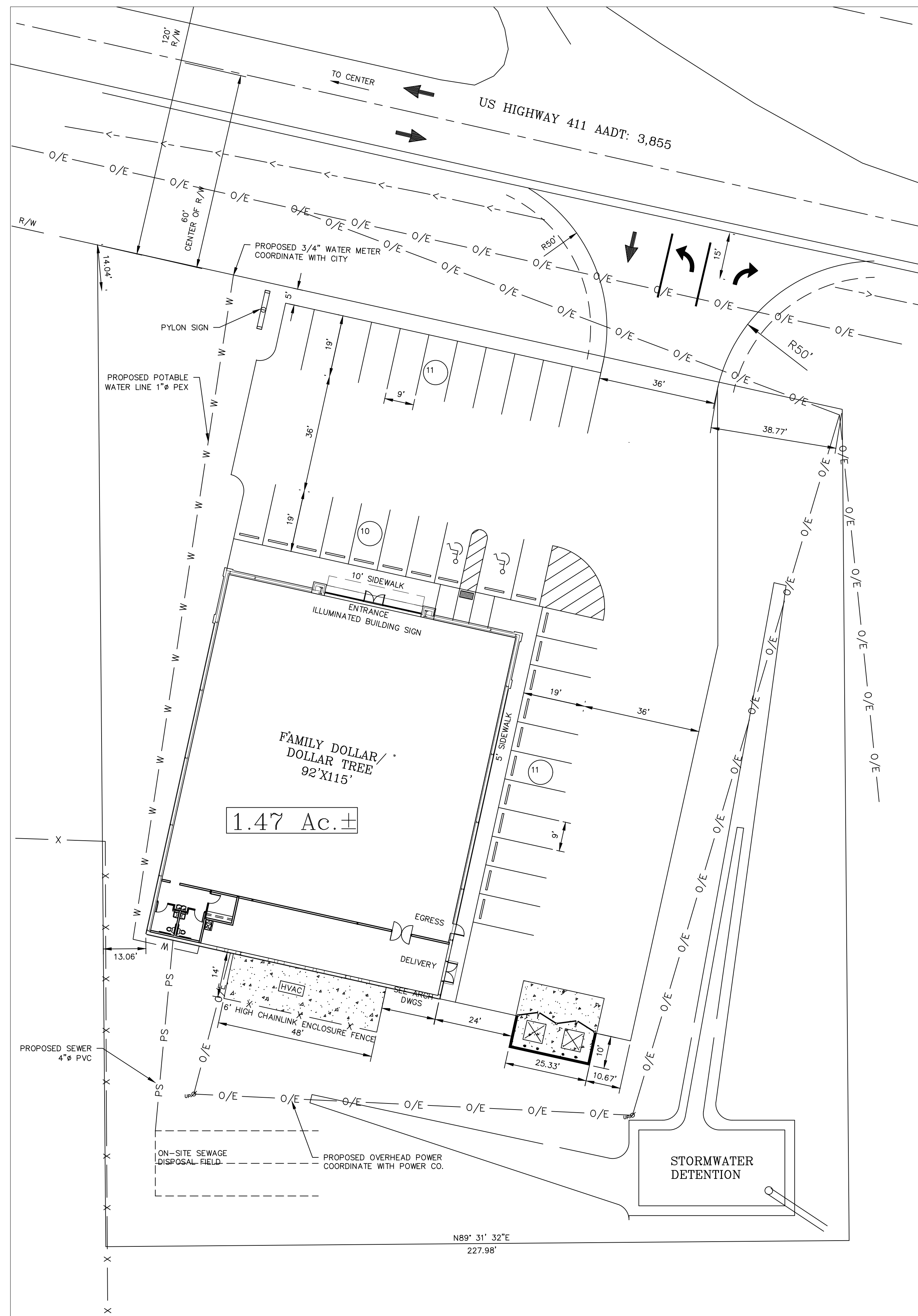
CENTRE, AL

GRADING PLAN

SCALE: 20'	SHEET NO. C2	PROJECT NAME: CENTRE
DATE: 03/26/2021	PECO PROJECT # FD210209	REV. 0

DEVELOPER:
PERMAN ENGINEERING CO., LLC
2425 Lumley Road
Rainbow City, AL 35906
Tel: (256) 413-0433

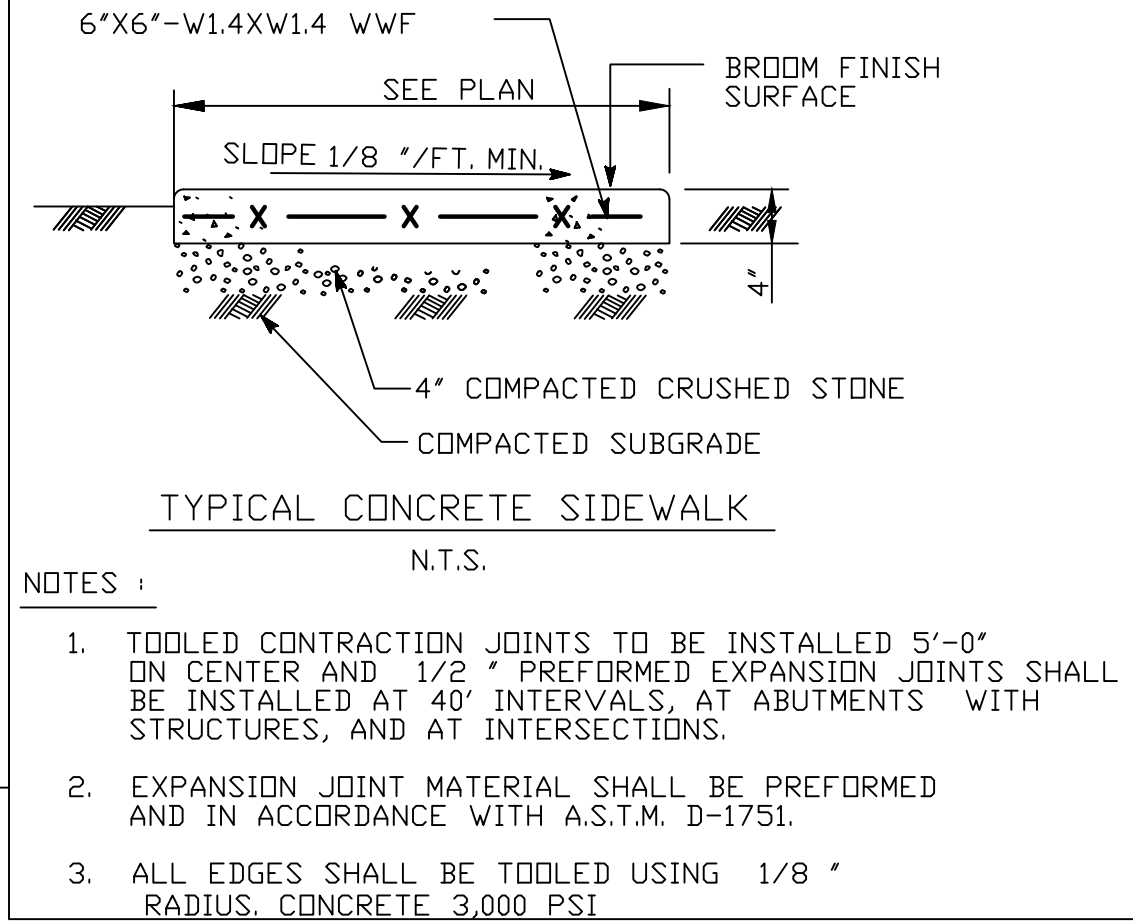
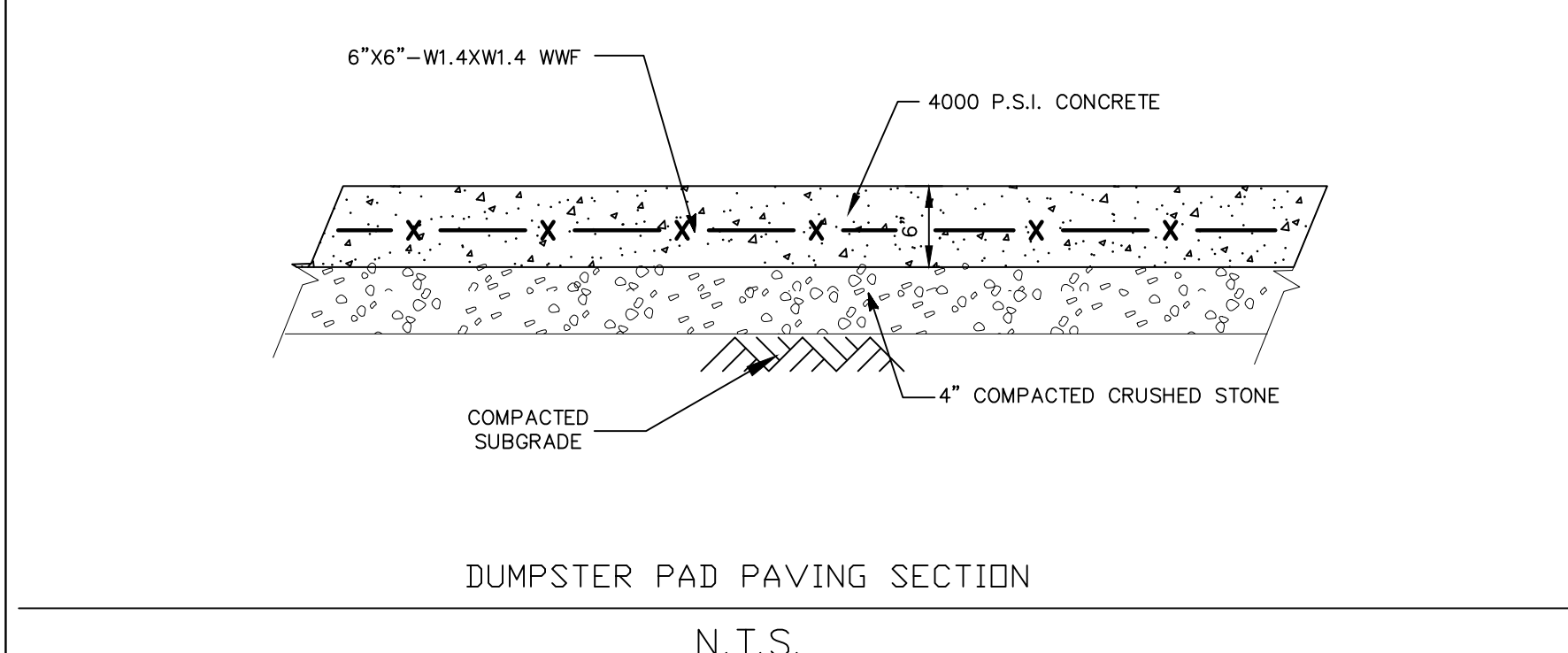
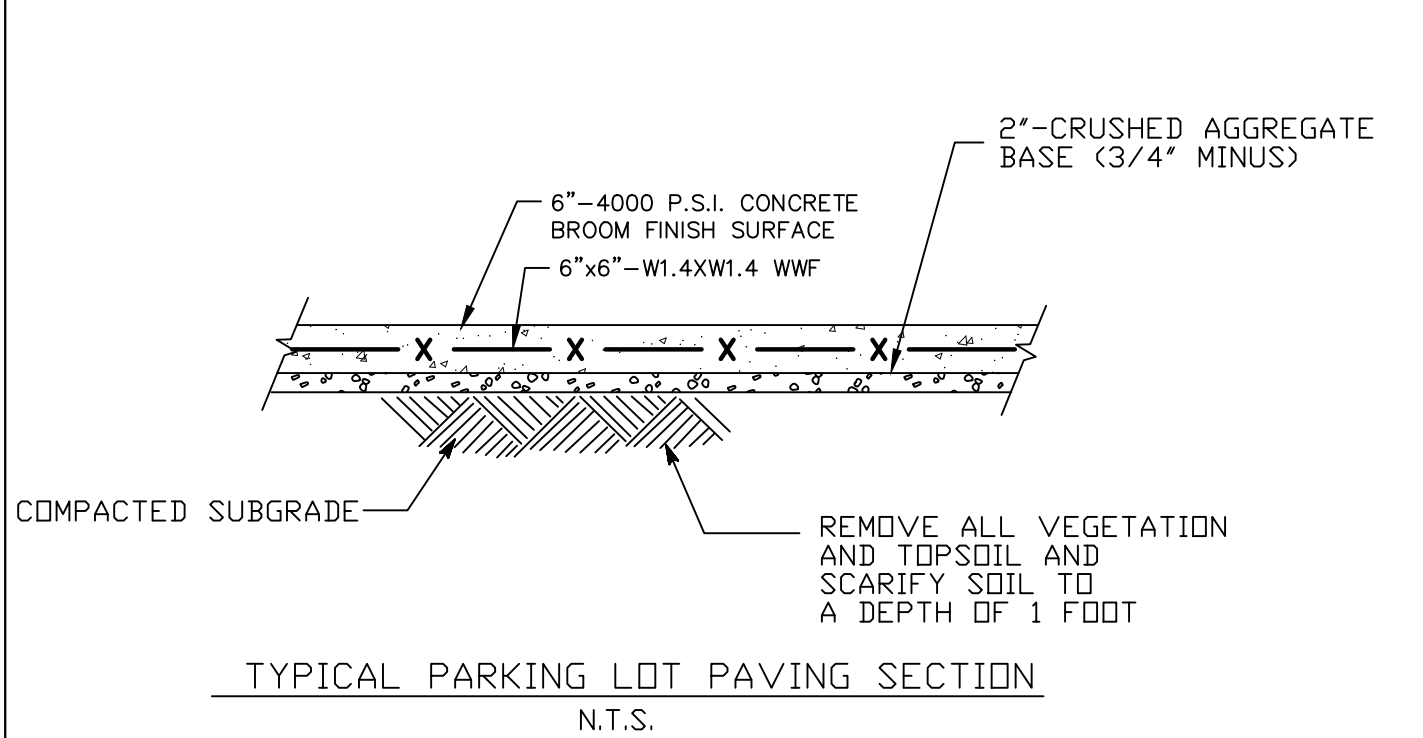
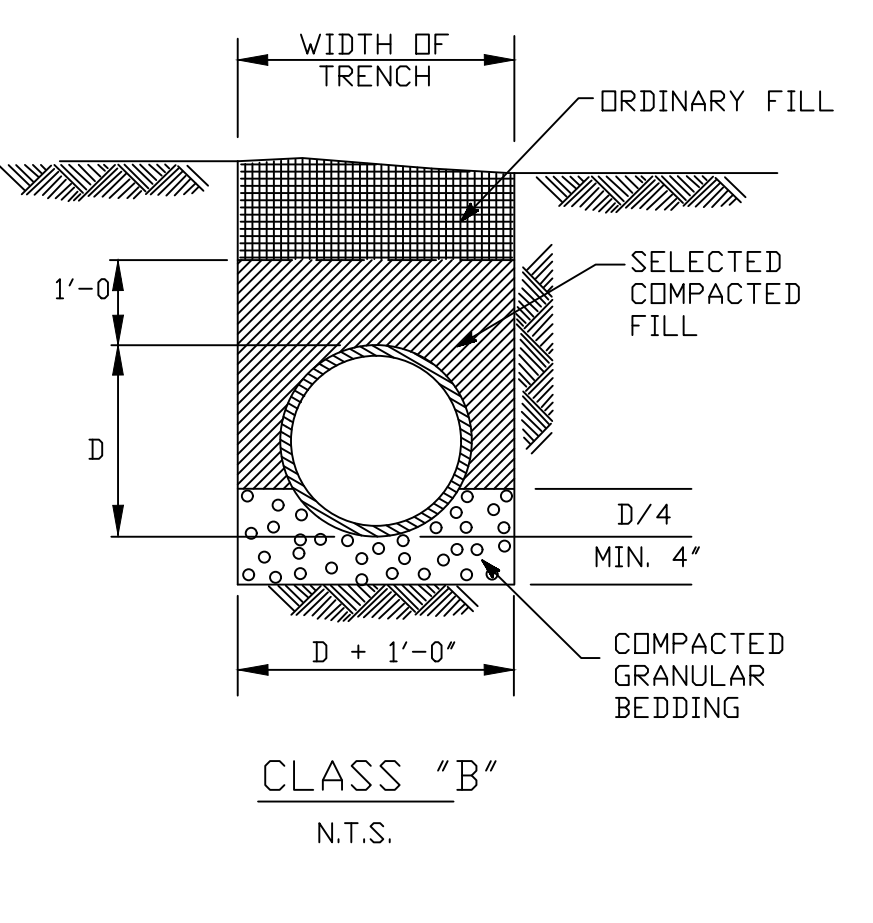
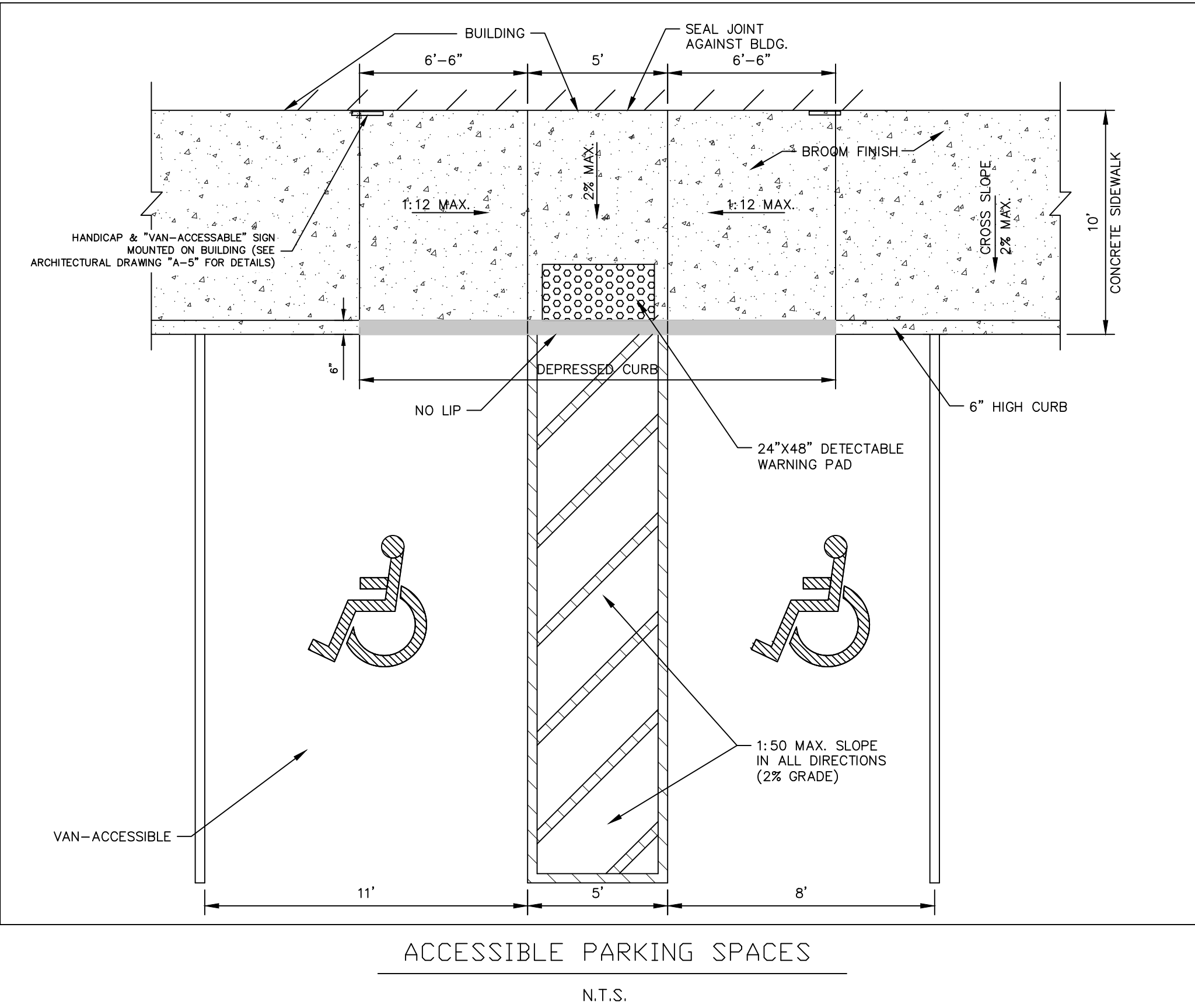
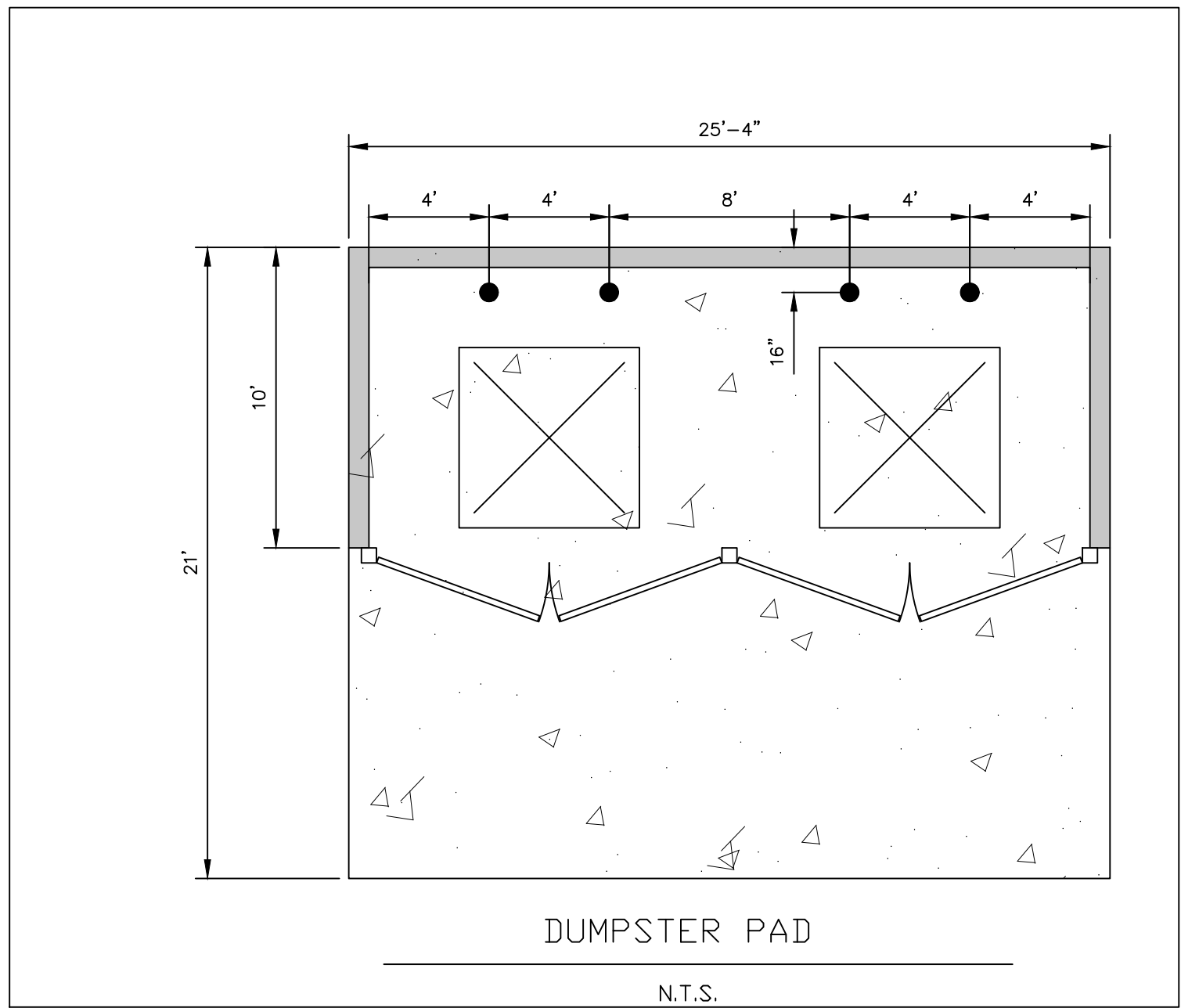
F.D. Project #:
FAMILY DOLLAR STORE 92'X115'



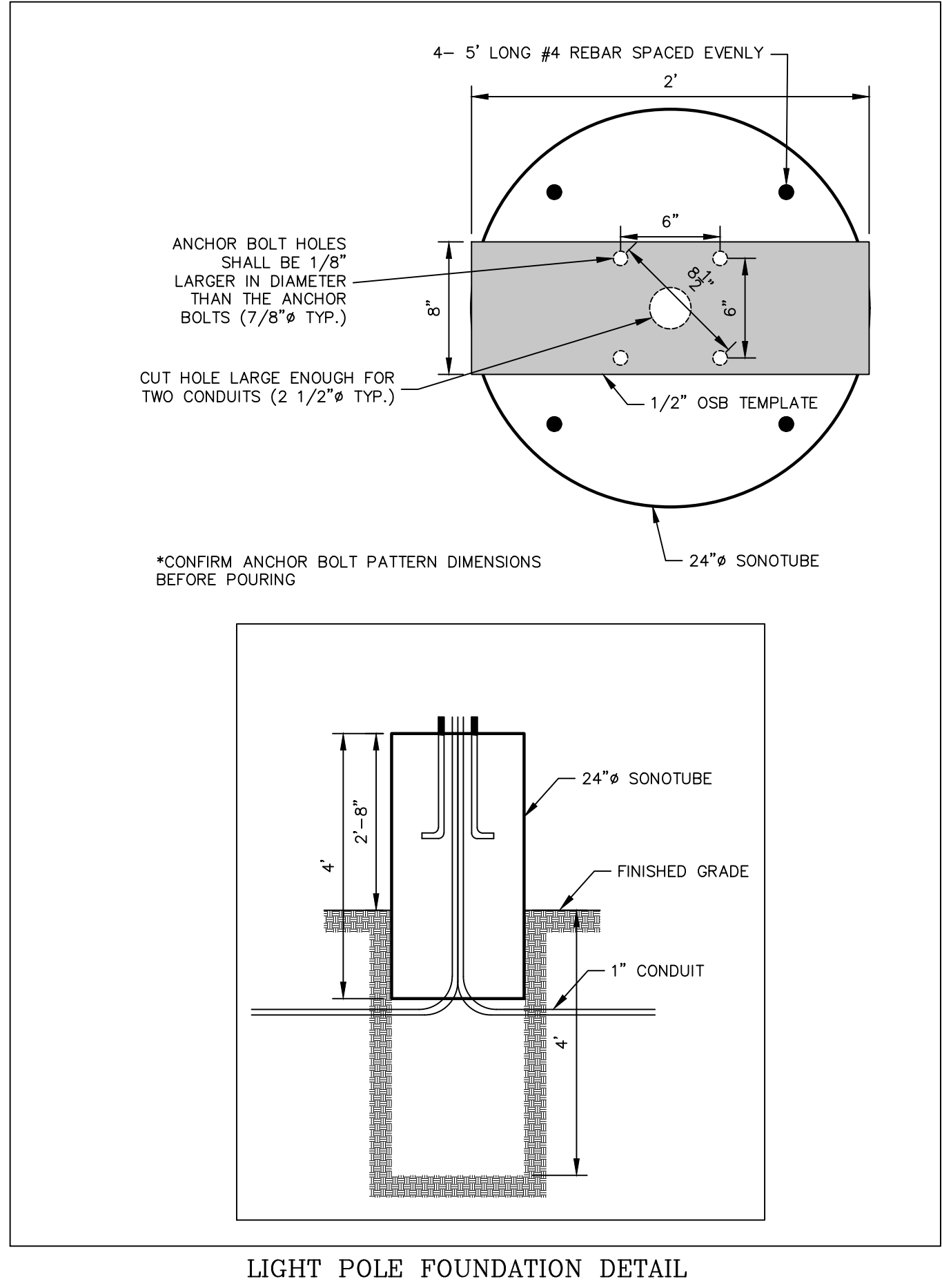
NO.	DATE					REVISIONS	DWN	OKD	APPR'VD	
DRAWN BY TLP				DATE		CHECKED BY EOP			DATE	
DESIGNED BY TLP				DATE						
PECO PERMAN ENGINEERING CO., LLC Engineers-Contractors-Developers 2425 Lumbley Rd. Rainbow City, AL 35906 Tel. (256) 413-0433 Fax: (256) 442-0161 E-mail: INFO@PERMANENG.COM										
CENTRE, AL										
UTILITY PLAN										
SCALE: 20'		SHEET NO. C4		PROJECT NAME: CENTRE						
DATE: 03/26/2021				PECO PROJECT # FD210209					REV. 0	

DEVELOPER:
PERMAN ENGINEERING CO., LLC
2425 Lumbley Road
Rainbow City, AL 35906
Tel. (256) 413-0433

F.D. Project #:
**FAMILY DOLLAR STORE
92'X115'**



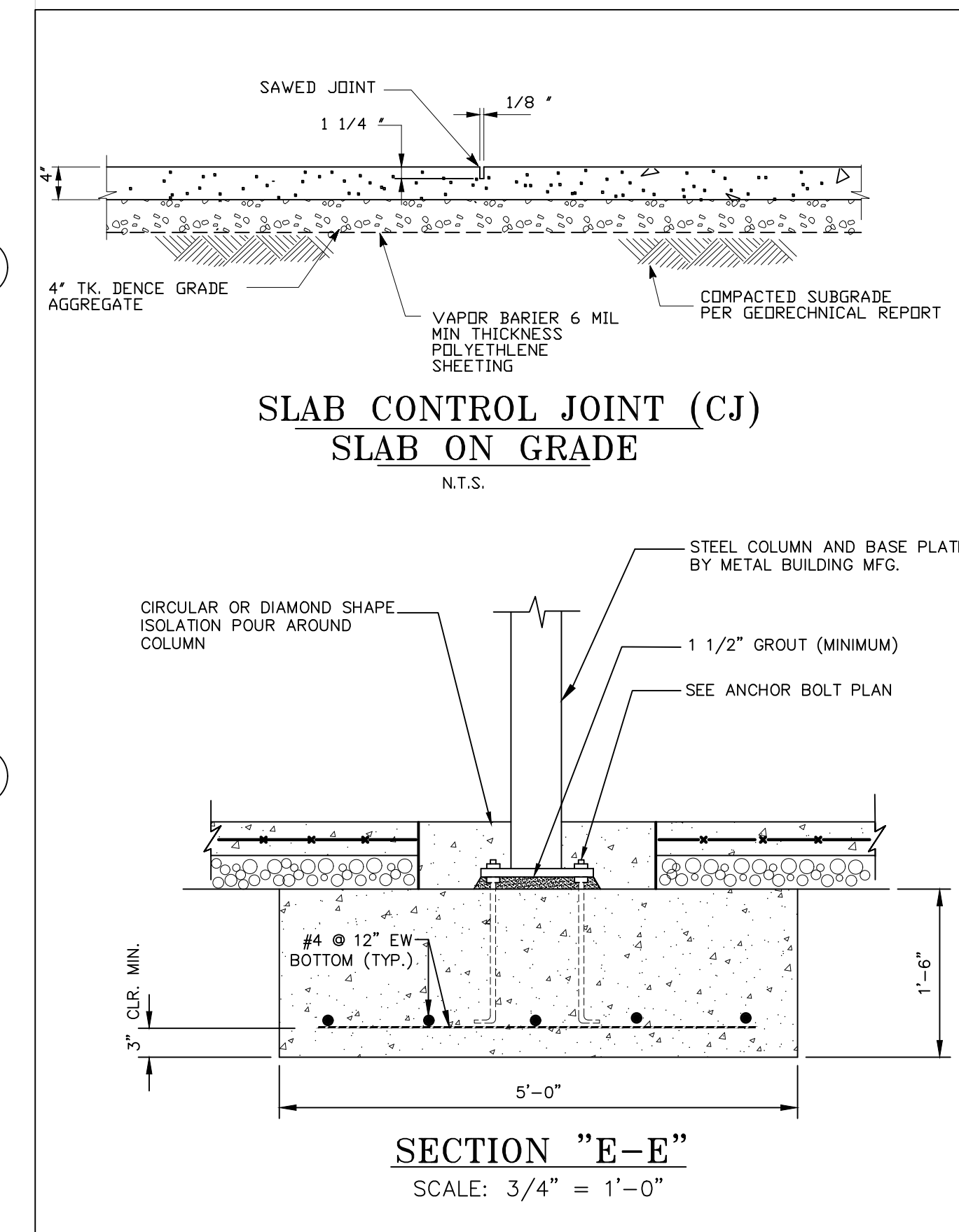
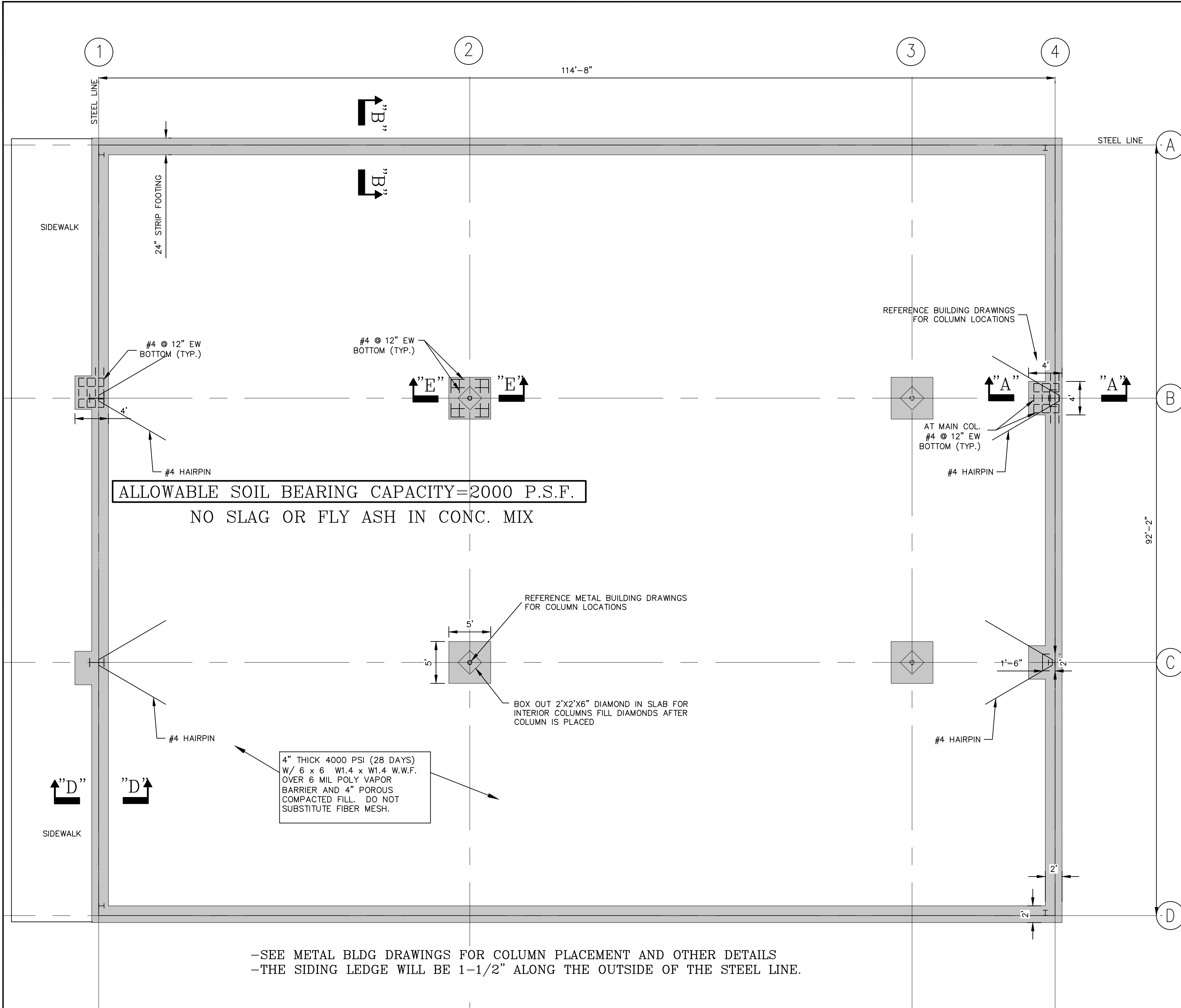
NOTES :
1. CONSTRUCTION SHOULD CONFORM TO LOCAL AND STATE GUIDELINES



DEVELOPER:
PERMAN ENGINEERING CO., LLC
2425 Lumbley Road
Rainbow City, AL 35906
Tel. (256) 413-0433

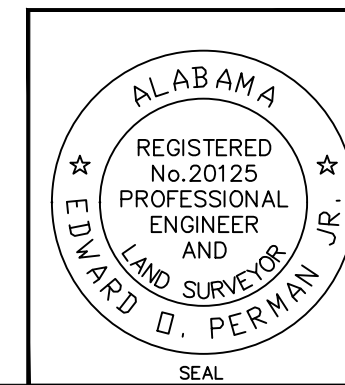
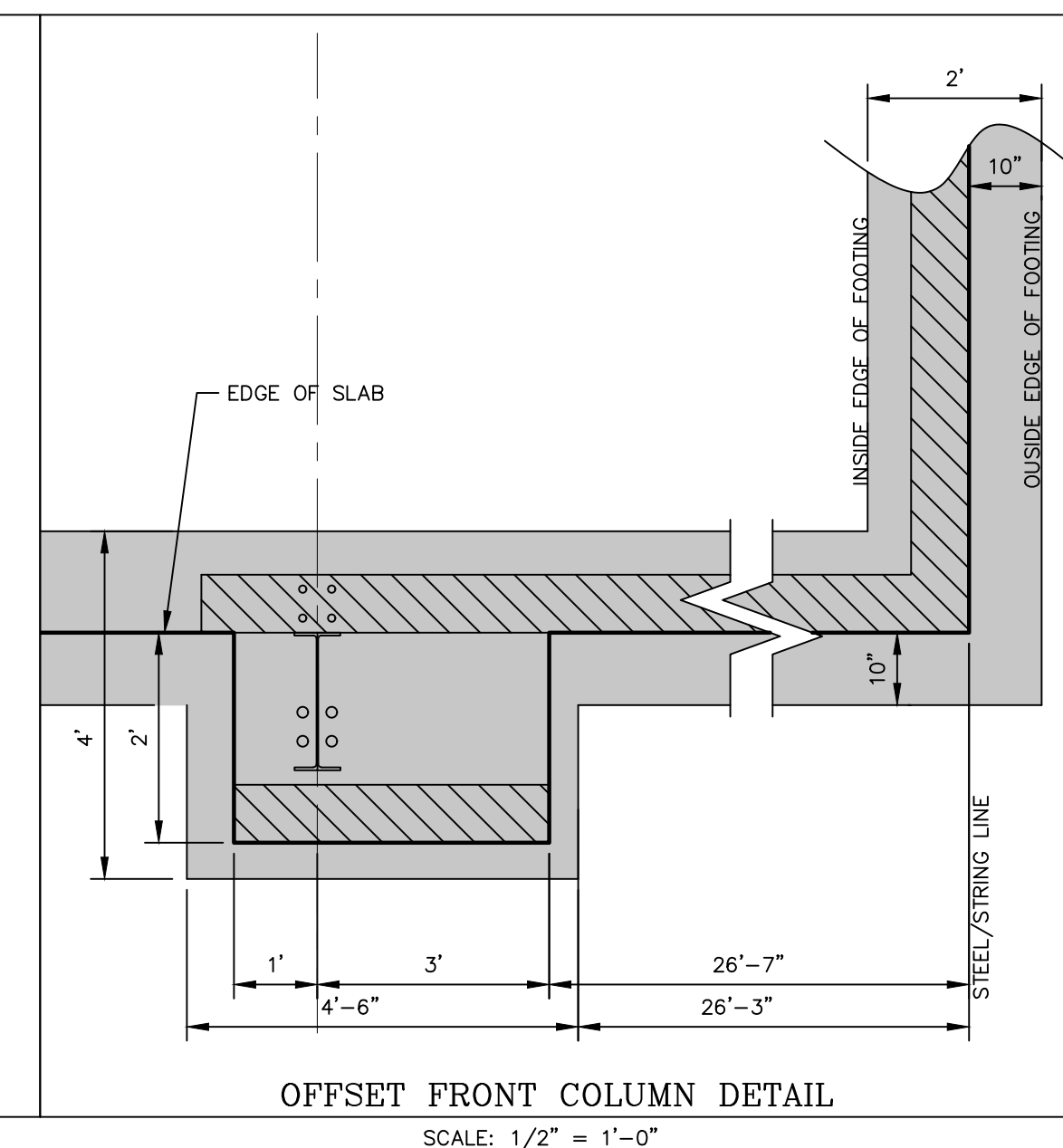
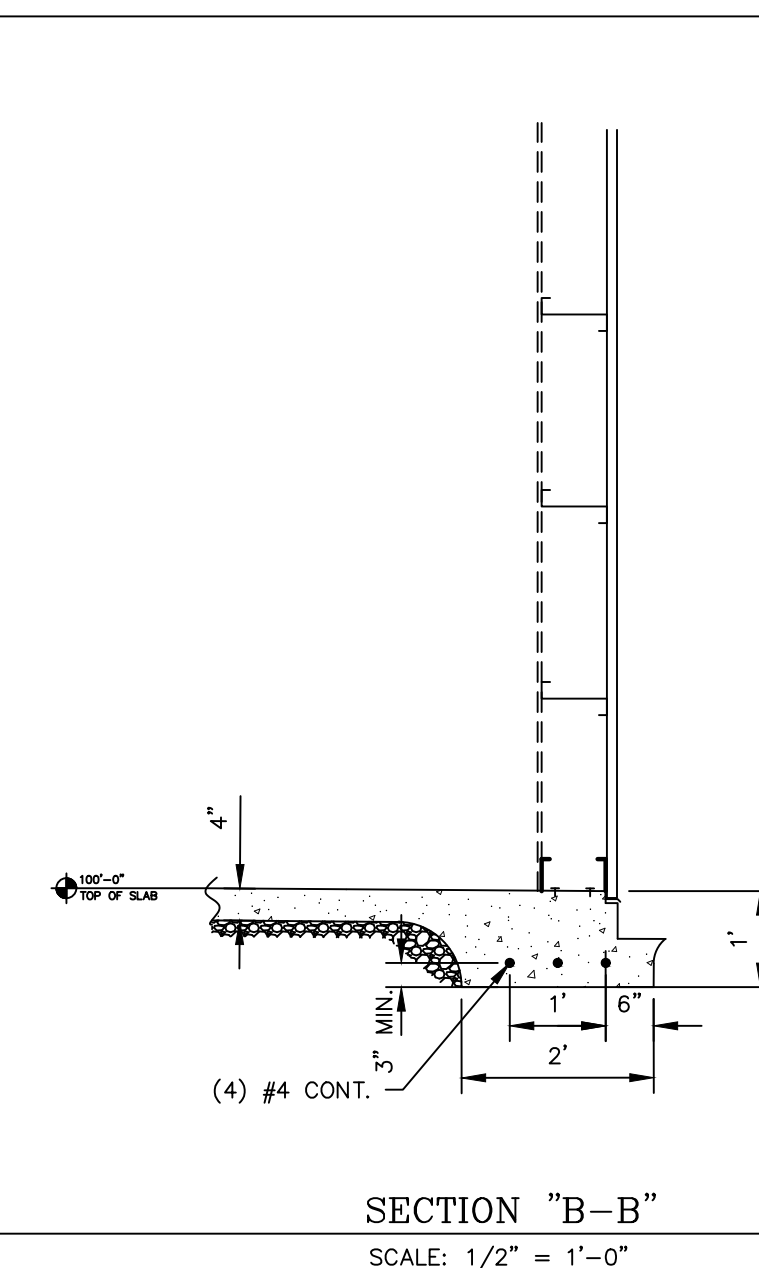
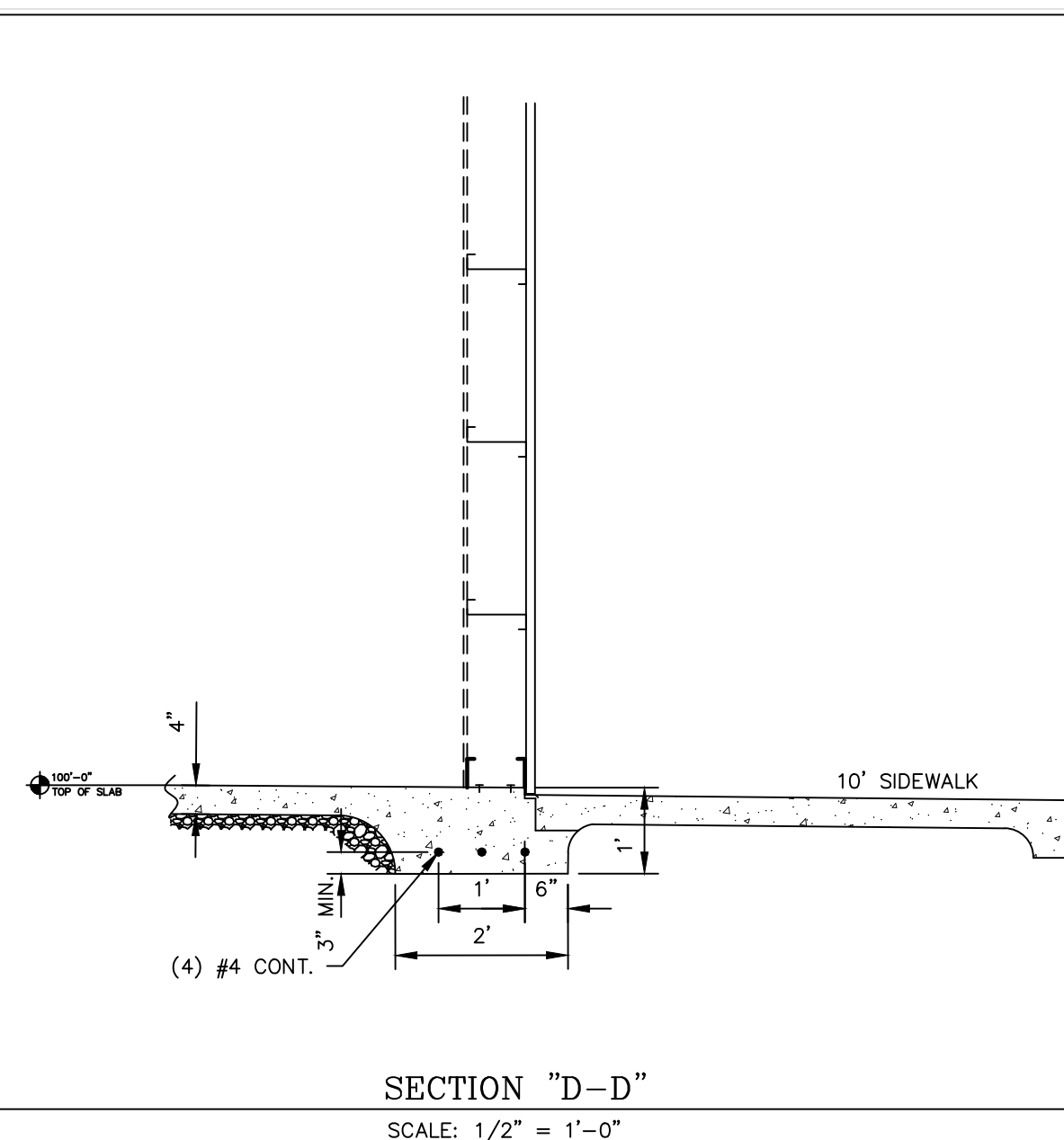
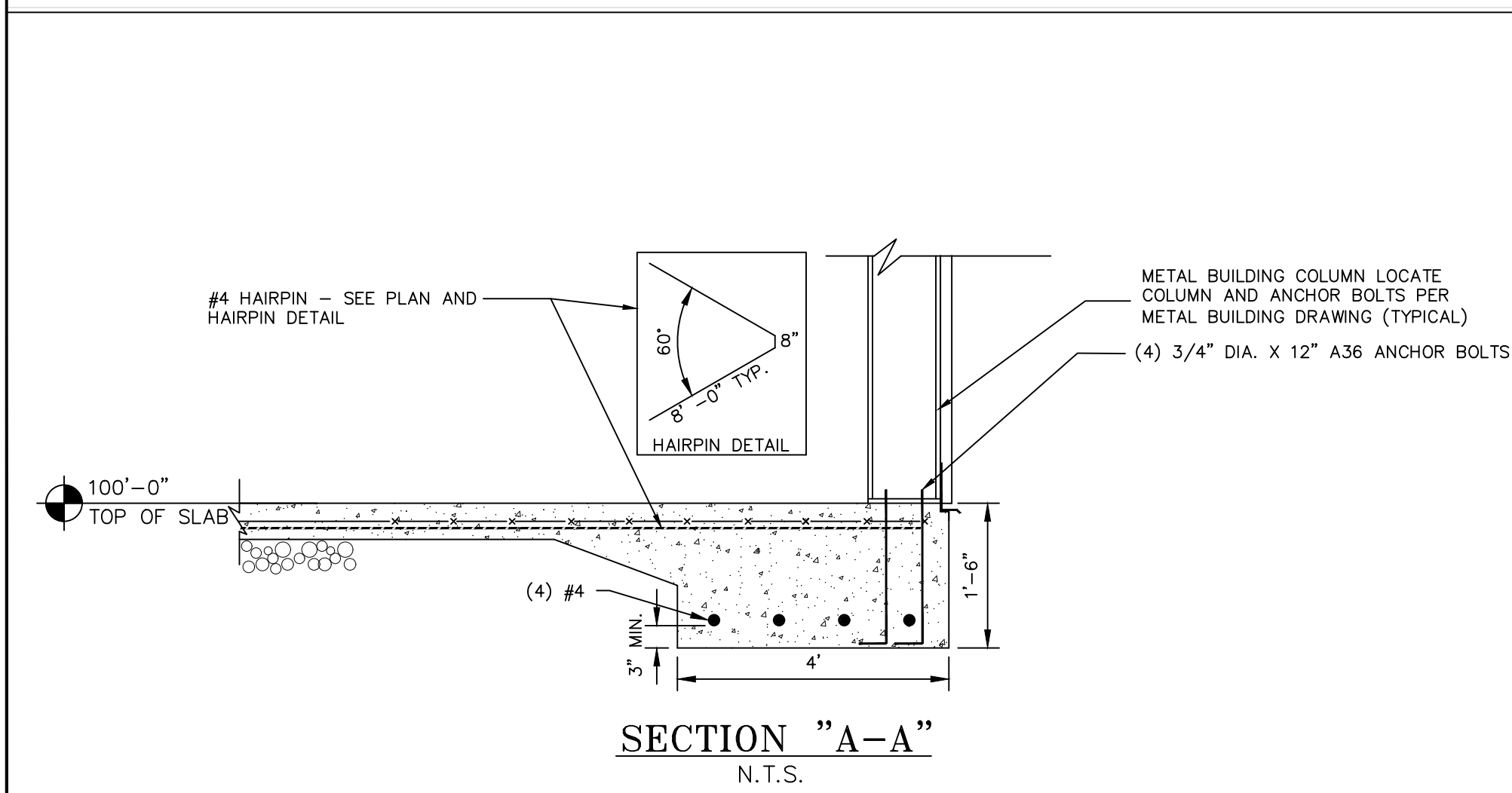
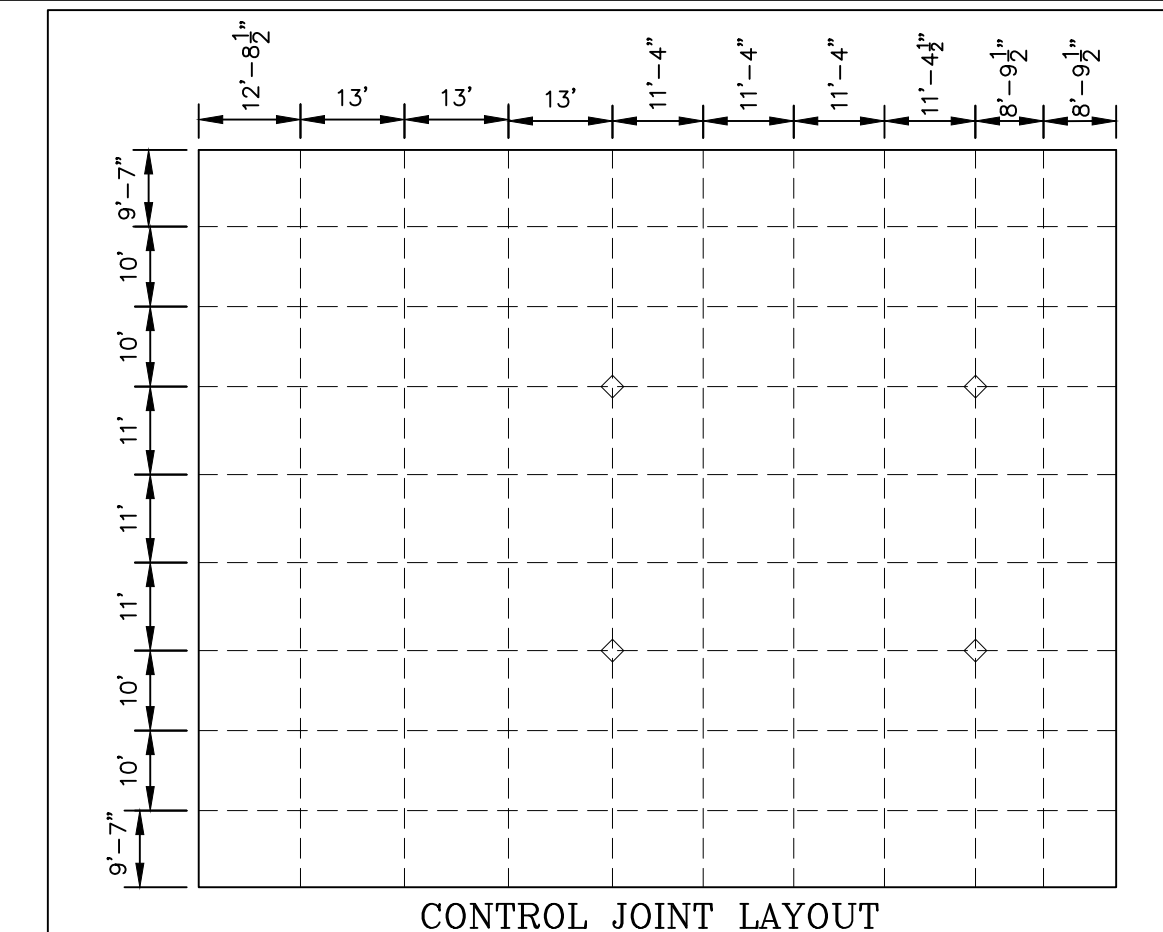
F.D. Project #:
FAMILY DOLLAR STORE
92'X115'

NO.	DATE	REVISIONS	DWN	CKD	APPR'D
DRAWN BY	TLP	DATE	CHECKED BY	EOP	DATE
DESIGNED BY	TLP	DATE			
PECO PERMAN ENGINEERING CO., LLC Engineers-Contractors-Developers 2425 Lumbley Rd. Rainbow City, AL. 35906 Tel. (256) 413-0433 Fax: (256) 442-0161 E-mail: INFO@PERMANENG.COM					
CENTRE, AL					
SITE DETAILS					
SCALE:	NTS	SHEET NO.	C5	PROJECT NAME:	CENTRE
DATE:	03/26/202	PECO PROJECT #	FD210209	REV.	0



GENERAL CONCRETE NOTES:

- DESIGN, MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE FOLLOWING STANDARDS, UNLESS OTHERWISE MODIFIED ON THE DESIGN DRAWINGS OR IN THE SPECIFICATIONS:
 - ACI 318-99, 'BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE'
 - ACI 315, 'DETAILS AND DETAILING OF CONCRETE REINFORCEMENT'
 - ACI 301, 'SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR DETAILING'
 - CRSI, 'RECOMMENDED PRACTICES FOR PLACING REINFORCING BARS'
- CONCRETE SHALL DEVELOPE 3000 PSI COMPRESSIVE STRENGTH IN 28 DAYS, UNLESS NOTED.
- REINFORCING STEEL FOR FOOTINGS SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60.
- ALL EXPOSED EDGES OF CONCRETE SHALL HAVE 3/4 INCH, 45 DEGREE CHAMFER, UNLESS NOTED.
- PROVIDE A MINIMUM CLEAR COVER OF 3 INCHES FOR REINFORCING STEEL WHEN CONCRETE IS CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH.
- PROVIDE A MINIMUM CLEAR COVER OF 2 INCHES FOR BARS LARGER THAN #5, AND 1 1/2 INCHES FOR #5 BARS AND SMALLER IF AFTER REMOVAL OF FORMS THE CONCRETE IS EXPOSED TO WEATHER OR EARTH.
- PROVIDE A MINIMUM CLEAR COVER WHEN NOT EXPOSED TO WEATHER OR EARTH:
 - SLABS AND WALLS: 3/4 " FOR #11 AND SMALLER
 - BEAMS, COLUMNS AND PIERS: 1 1/2 " FOR #14 AND #18
- EMBEDMENT AND LAP SPlice LENGTHS FOR REINFORCING STEEL SHALL CONFORM TO ACI 318, UNLESS SHOWN ON THE DESIGN DRAWINGS. TENSION EMBEDMENT AND LAP SPlice LENGTHS SHALL COMPLY TO THE FOLLOWING GUIDELINES:
 - TENSION EMBEDMENT LENGTH IS THE GREATER OF THE FOLLOWING VALUES:
 - BASIC TENSION EMBEDMENT LENGTH = $0.04A_{bf}/f_c$
 - MULTIPLIED BY THE APPLICABLE FACTOR FOR BAR SPACING, COVER AND ENCLOSING TRAVERSE REINFORCEMENT.
 - OR THE MINIMUM BASIC TENSION EMBEDMENT = $0.03A_{bf}/f_c$ > 12 INCHES.
 - THE RESULTING TENSION EMBEDMENT LENGTH SHALL BE INCREASED BY A FACTOR OF 1.3 FOR TOP BARS AND LIGHTWEIGHT AGGREGATE CONCRETE.
 - TENSION LAP SPlice LENGTH
 - ALL TENSION LAP SPlice LENGTHS WILL BE BASED ON THE CLASS B REQUIREMENTS.
 - TENSION LAP SPlice = 1.3 X TENSION EMBEDMENT LENGTH.
 - INCREASE TENSION SPlice LENGTHS BY A FACTOR OF 1.3 FOR TOP BARS AND LIGHTWEIGHT AGGREGATE CONCRETE.
 - DEVELOPMENT OF STANDARD HOOKS
 - EMBEDMENT FOR STANDARD HOOKS WILL BE BASED ON THE BASIC DEVELOPMENT LENGTH FOR HOOKED BARS.
 - DEVELOPMENT LENGTH = $1200A_b/f_c$
- REFER TO ARCHITECTURAL, PLUMBING, PIPING AND ELECTRICAL DRAWINGS FOR EMBEDDED ITEMS.
- FLOOR FINISHES SHALL BE AS NOTED ON THE DESIGN DRAWINGS.
- GROUTING BENEATH BASE PLATES AND LEVELING AT TOP OF PIER SHALL BE NON- METALLIC, NON- SHRINK GROUT SUCH AS FIVE STAR GROUT AS MANUFACTURED BY U.S. GROUT CORPORATION OR EQUAL.



NO.	DATE	REVISIONS	DWN	CKD	APPRVD
DRAWN BY	TLP	CHECKED BY	EOP	DATE	
DESIGNED BY	TLP	DATE			
PECO PERMAN ENGINEERING CO., LLC					
Engineers-Contractors-Developers					
2425 Lumbley Rd.					
Rainbow City, AL 35906					
Tel. (256) 413-0433					
Fax: (256) 442-0161					
E-mail: INFO@PERMANENG.COM					
CENTRE, AL					
FOUNDATION PLAN					
SCALE:	20'	SHEET NO.	S1	PROJECT NAME:	CENTRE
DATE:	5/10/21	PECO PROJECT #	FD210209	REV.	0

DEVELOPER:

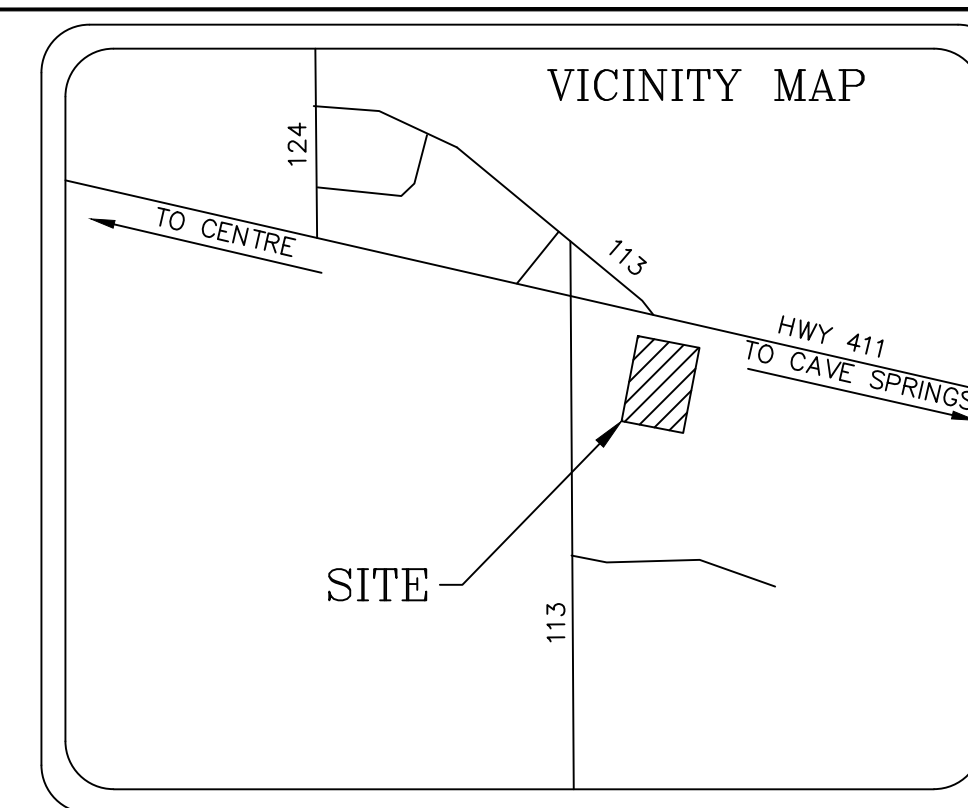
PERMAN ENGINEERING CO., LLC

2425 Lumbley Road
Rainbow City, AL 35906
Tel. (256) 413-0433

F.D. Project #:

FAMILY DOLLAR STORE

92'X115'

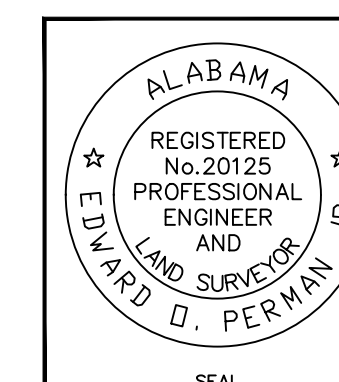


1. THE STANDARD SPECIFICATION SHALL BE THE "STATE OF ALABAMA HIGHWAY DEPARTMENT (A.L.D.O.T.) STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION".
2. ALL MATERIALS UTILIZED ON THIS PROJECT SHALL CONFORM TO SECTION 800 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION.
3. MANHOLES, PIPE CULVERT END SECTIONS, UNDERDRAIN PIPING, RIPRAP, CURB AND GUTTER, TOPSOIL REPLACEMENT, HYDROSEEDING AND MULCHING, AND ANY OTHER INCIDENTALS REQUIRED FOR THE COMPLETION OF WORK SHALL CONFORM TO SECTION 600 OF THE STANDARD SPECIFICATIONS.
4. ALL DISTURBED AREAS SHALL UPON IMMEDIATE COMPLETION BE TOPSOILED TO A DEPTH OF 4" MINIMUM. ALL AREAS OUTSIDE THE AREAS TO RECEIVE SOLID SODDING SHALL BE HYDROSEEDED AND MULCHED.
5. SEED AND RE-SEED, SOD AND RE-SOD AS REQUIRED TO ESTABLISH AND MAINTAIN A PERMANENT VEGETATIVE COVER AS DIRECTED BY THE DEPARTMENT OF TRANSPORTATION'S DISTRICT MANAGER.
6. CONCRETE FOR THIS PROJECT SHALL HAVE A MINIMUM 28 DAY STRENGTH OF 3000 P.S.I. AS DETERMINED BY ASTM C39.
7. CONTRACTOR SHALL FOLLOW STATE OF ALABAMA EROSION CONTROL GUIDELINES AT ALL TIMES. BEST MANAGEMENT PRACTICES (BMP'S), AS DEFINED BY THE UNITED STATES DEPARTMENT OF ENVIRONMENTAL MANAGEMENT SHALL BE EMPLOYED AS REQUIRED TO PREVENT MIGRATION OF SEDIMENT ONTO ADJACENT PROPERTY OR WATERWAYS.
8. CONTRACTOR SHALL LOCATE ALL UTILITIES WITHIN THE WORK AREA PRIOR TO ANY WORK.
9. CONTRACTOR SHALL OBTAIN ALL PERMITS AND APPROVALS PRIOR TO BEGINNING CONSTRUCTION.
10. SAFETY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR SAFETY.
11. THE CONTRACTOR SHALL ENSURE THAT ALL EXCAVATION WORK IS IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) CONSTRUCTION STDS FOR EXCAVATION, 29 CFR PART 1926, SUBPART P.
12. DURING ALL PHASES OF WORK, NON-APPLICABLE PAVEMENT STRIPING OR MARKINGS SHALL BE REMOVED AND APPROPRIATE PAVEMENT STRIPING OR MARKINGS SHALL BE PLACED AS EXPEDITIOUSLY AS PRACTICAL, BUT IN ALL CASES, SHALL BE IN PLACE BY NIGHTFALL ON ANY ROADWAY CARRYING TRAFFIC.
13. ALL METERS ARE TO BE INSTALLED OFF A.L.D.O.T. RIGHT OF WAY.
14. ALL MANHOLES, VALVE BOXES, AND HAND HOLES SHALL BE MOUNTED FLUSH WITH THE EXISTING GROUND.
15. CONTRACTOR AND OR OWNER SHALL WRITE A LETTER REQUESTION TO GO MEET WITH THE DISTRICT PERMIT COORDINATOR UPON COMPLETION OF PERMITTED WORK TO EVALUATE PUNCH LIST FOR COMPLETION OF PROJECT.
16. THE PERMIT IS IN COMPLIANCE WITH ALABAMA ACT 94-487 OF THE UNDERGROUND DAMAGE PREVENTION LEGISLATION.
17. ALL PERMITTED WORK SHALL MEET OR EXCEED A.L.D.O.T. SPECIFICATIONS.

THE ONSITE REPRESENTATIVE WILL HAVE ON HAND AT ALL TIMES:

- 1) APPROVED PERMIT AND PLANS SIGNED BY THE AREA OPERATIONS ENGINEER
- 2) TRAFFIC CONTROL PLAN
- 3) EROSION CONTROL PLAN

C & G	CURB AND GUTTER
EL	ELEVATION
I.E.	INVERT ELEVATION
T	TOP
SE	SOUTHEAST
SW	SOUTHWEST
N	NORTH
	SOUTH
A.L.D.O.T.	ALABAMA DEPARTMENT OF TRANSPORTATION
R/W	RIGHT OF WAY
P/L	PROPERTY LINE
F.V.C.	POLYMER FIBER GLASS
A.S.T.M.	AMERICAN SOCIETY OF TESTING MATERIALS
GR.	GRADE
MUTCD	MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
ADS	ADVANCED DRAINAGE SYSTEMS
UNO	UNLESS NOTED OTHERWISE
N.T.S.	NOT TO SCALE
APX.	APPROXIMATE
CPP	CORRUGATED PLASTIC PIPE
LF	LINEAR FEET



PERMAN ENGINEERING CO., LLC

F.D. Project #:

FAMILY DOLLAR STORE
92'X115'

100.	EXISTING CONTOURS		EXISTING UTILITY POLE
101	FINISH CONTOURS		NEW TRAFFIC SIGN
50 x 101.1 BLDG	EXISTING POINT SPOT ELEV. AND DESCRIPTOR		NEW GUARDPOST
501.25	FINISHED SPOT ELEV.		NEW CONCRETE PAVING
91.23	EL. @ BOTTOM & FACE OF CURB		EXISTING CONCRETE PAVING
	EXISTING EDGE/ PVMT		EXISTING ROADS/BUILDINGS
R/W	RIGHT OF WAY		EXISTING FENCE
P/L	PROPERTY LINE		I.P.F.
	EXISTING FENCE		IRON PIN FOUND
	PAVING BY OTHERS		EXISTING OVERHEAD ELECTRIC
	GRASS BY SODDING		HIGHWAY GUARD RAIL
	BUILDING SET BACK LINE		EXISTING STORM PIPE
			TOPOGRAPHIC BENCH TIE

NOTE:
ALL PAINT TRANSPORTATION MATERIALS, MEANS AND METHODS SHALL BE IN ACCORDANCE WITH THE ALABAMA DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS AND STANDARDS FOR HIGHWAY STRIPING.
ALL STRIPING AND MARKINGS SHALL BE TYPE "A" CLASS II THERMOPLASTIC.

THIS DEVELOPMENT WILL NOT HAVE AN ADVERSE AFFECT TO THE DRAINAGE ON THE STATE RIGHT OF WAY. ALL RUNOFF WILL BE DIRECTED TO THE REAR OF THE SITE AND DISCHARGED INTO HORSEPEN BRANCH.

THIS TURNOUT SHALL
SERVE A PROPOSED
RETAIL DEVELOPMENT

ADEM NOTE:
AREA DISTURBED IS GREATER
THAN ONE ACRE, A N.O.R. WITH
ADEM IS REQUIRED

CONTACT DISTRICT MANAGER
48 HOURS PRIOR TO COMMENCING
WORK ON A.L.D.O.T. RIGHT OF WAY

*CONTRACTORS BIDDING ON THIS
SITE WORK MUST POSSESS A VALID
ALABAMA GENERAL
CONTRACTORS LICENSE*

CONTRACTOR SHALL FOLLOW AND CONFORM TO THE ALABAMA HANDBOOK FOR "EROSION CONTROL, SEDIMENT CONTROL AND STORM WATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS" AS PUBLISHED BY THE ALABAMA SOIL AND WATER CONSERVATION COMMITTEE AT ALL TIMES

SEAL									
NO.	DATE			REVISIONS		DWN	OKD	APPROV'D	
DRAWN BY		DATE		CHECKED BY		DATE			
TLP				EOP					
DESIGNED BY		DATE							
TLP									

PECO PERMAN ENGINEERING CO., LLC
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Rainbow City, Al. 35906
Tel. (256) 413-0433
Fax: (256) 442-0161
E-mail: INFO@PERMANENG.COM

PROPOSED TURNOUT
CENTRE. AL

SCALE: 1"=30'	SHEET NO.	PROJECT NAME: CENTRE	
DATE: 03/26/2021		PECO PROJECT # ED210209	REV. 0