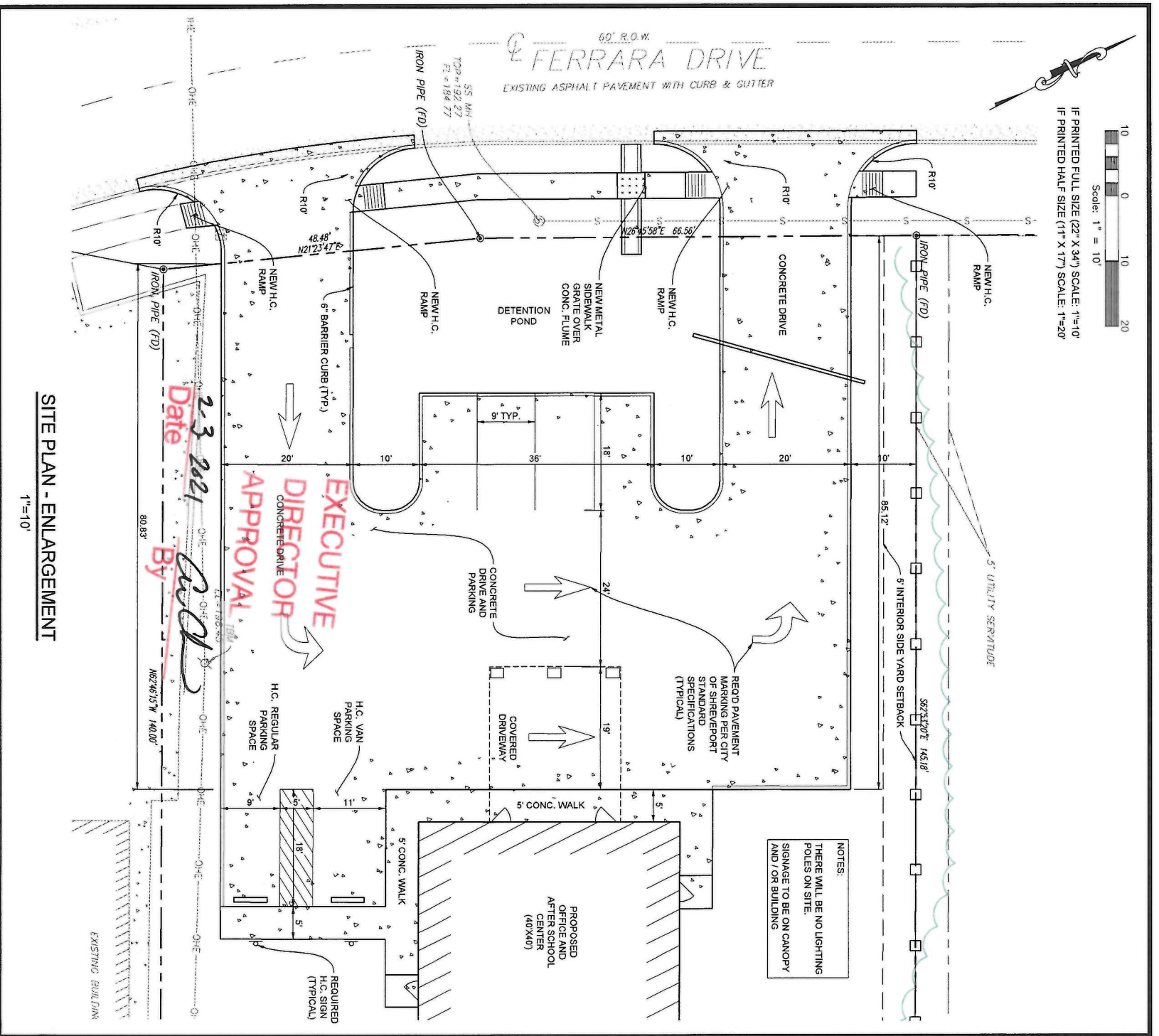
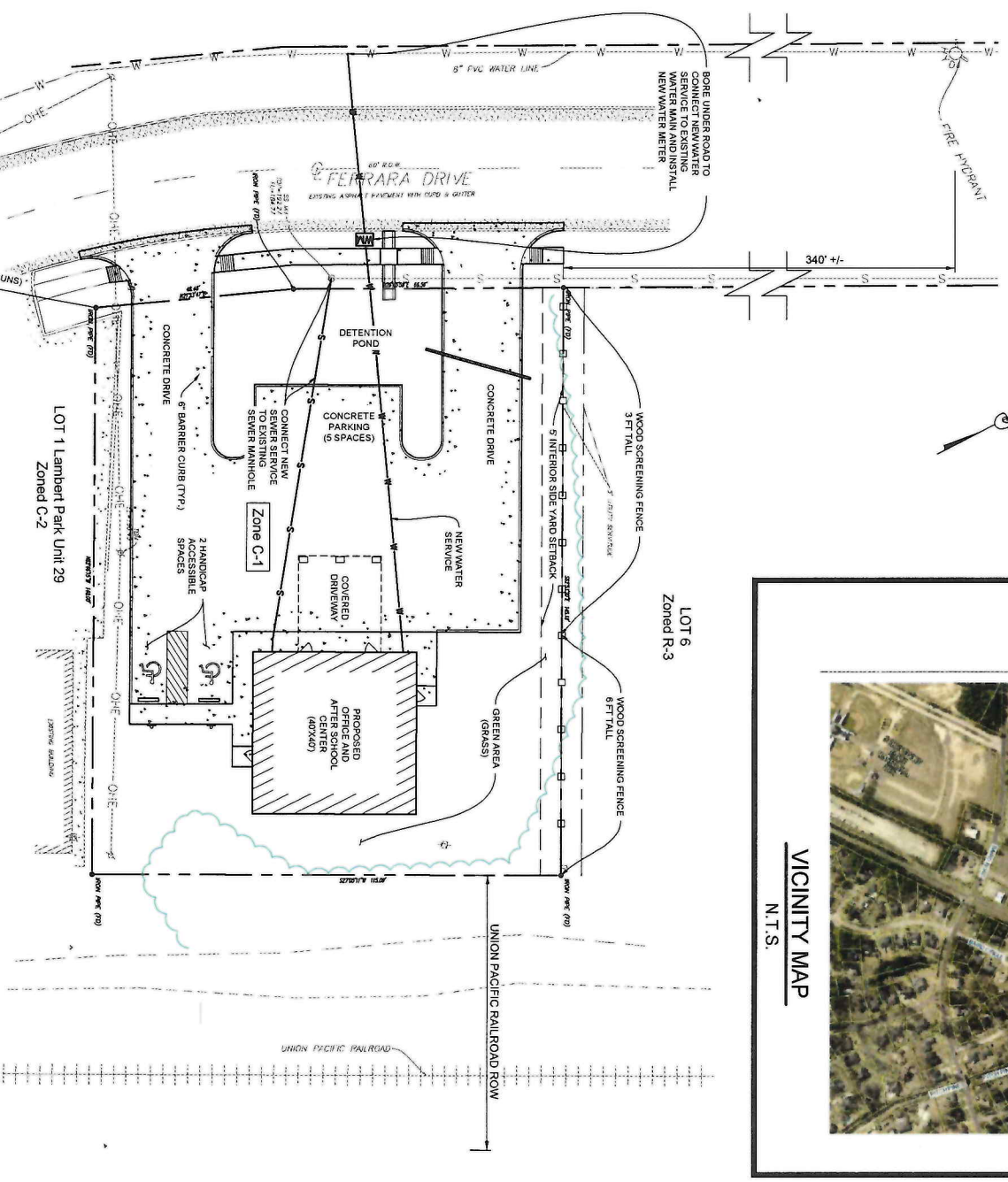


Scale: 1" = 10'
 10 0 10 20
 IF PRINTED FULL SIZE (22" X 34") SCALE: 1"=10'
 IF PRINTED HALF SIZE (11" X 17") SCALE: 1"=20'



Scale: 1" = 20'
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 IF PRINTED FULL SIZE (22" X 34") SCALE: 1"=20'
 IF PRINTED HALF SIZE (11" X 17") SCALE: 1"=40'

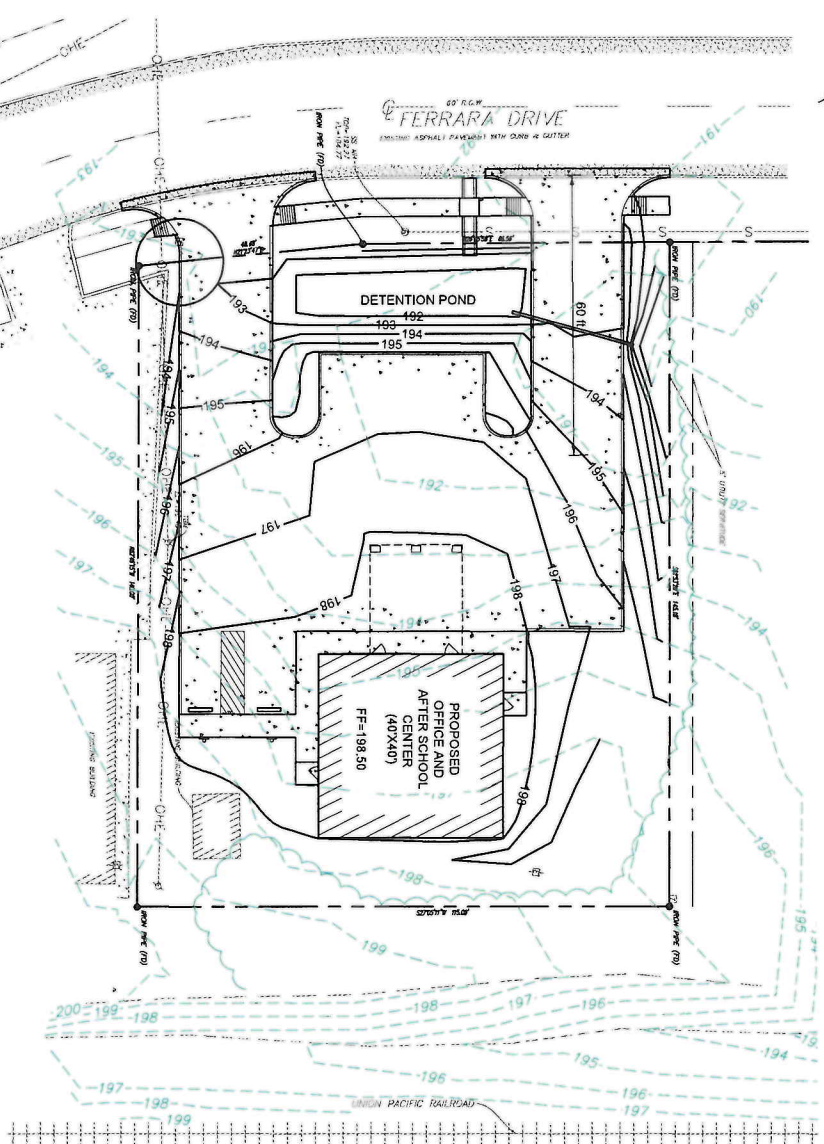
SITE PLAN - OVERALL
 1"=20'



SITE PLAN	
EAGLE'S NEST DEVELOPMENT CENTER	
LOT 5 (0.38 ACRES)	
LAMBERT PARK UNIT 30	
SHREVEPORT, CADDO PARISH, LA	
PROJECT NO. 2425	
DATE: 01-25-2021	CHECKED: DD
DRAWN: DB	
<p>DURR ENGINEERING, LLC CONSULTING CIVIL ENGINEER 4045 ELLEBE RD., SUITE 108 SHREVEPORT, LOUISIANA 71106 BUSINESS PHONE: (318) 861-7975</p>	
MPC1	

20-182-C

Scale: 1" = 20'
 IF PRINTED FULL SIZE (22" X 34") SCALE: 1"=20'
 IF PRINTED HALF SIZE (11" X 17") SCALE: 1"=40'



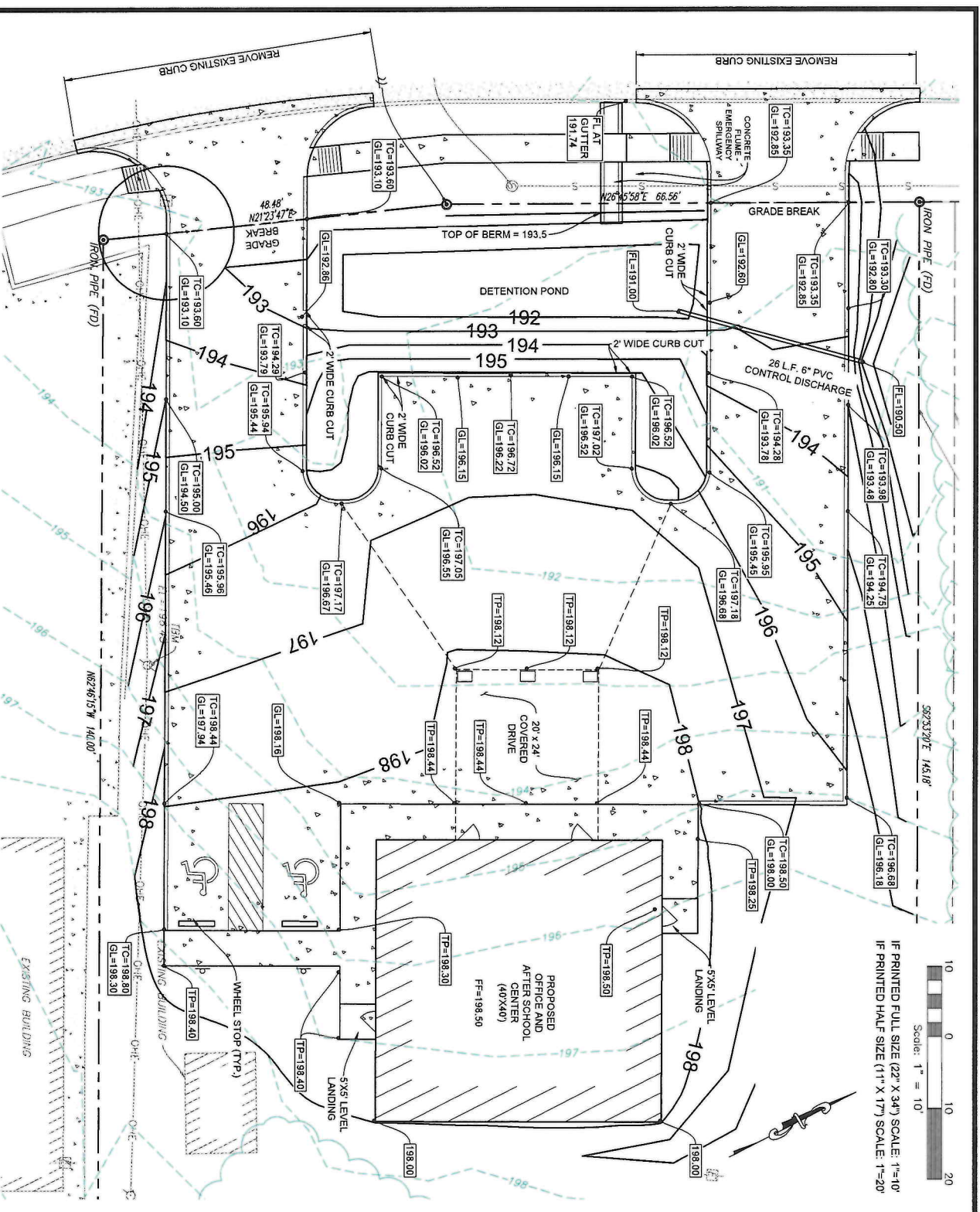
GRADING AND DRAINAGE PLAN - OVERALL
 1"=20'

Stormwater Detention Worksheet
 Eagles Nest Afterschool - Shreveport, LA
 25 - Year Frequency Storm

Runoff Coefficient	Existing Conditions	Developed Conditions	Runoff Coefficient
0.3	0.63	0.63	0.63
Time of Concentration	0.473 HR	0.0833 HR	0.0833 HR
Rainfall Intensity	6.56 IN/HR	9 IN/HR	9 IN/HR
Area	0.38 AC	0.38 AC	0.38 AC
Discharge	0.75 CFS	2.15 CFS	2.15 CFS
Maximum Permissible Release Rate (Cp=Q existing)		0.74784 CFS	

Rainfall Duration T (min)	Rainfall Intensity i (in/hr)	Peak Runoff Rate Q (cfs)	Storm Runoff Vol V (cu. Ft)	Release Rate Vol Qr (cu. Ft)	Storage Volume Sv (cu. Ft)
5	8.50	2.03	610	224	386
10	7.00	1.83	1,005	449	357
15	6.00	1.44	1,293	673	620
20	5.40	1.29	1,551	897	654
25	4.80	1.15	1,724	1,122	602
30	4.40	1.05	1,836	1,346	560
40	3.80	0.91	2,183	1,795	389
50	3.40	0.81	2,442	2,244	198
60	3.10	0.74	2,672	2,692	-21

Required Detention **654**



GRADING AND DRAINAGE PLAN - ENLARGMENT
 1"=10'

EXECUTIVE DIRECTOR APPROVAL

Date 2-3-2021 By A. Q. L.

GRADING AND DRAINAGE PLAN
 EAGLES NEST DEVELOPMENT CENTER
 LOT 5 (0.38 ACRES)
 LAMBERT PARK UNIT 30
 SHREVEPORT, CADDO PARISH, LA

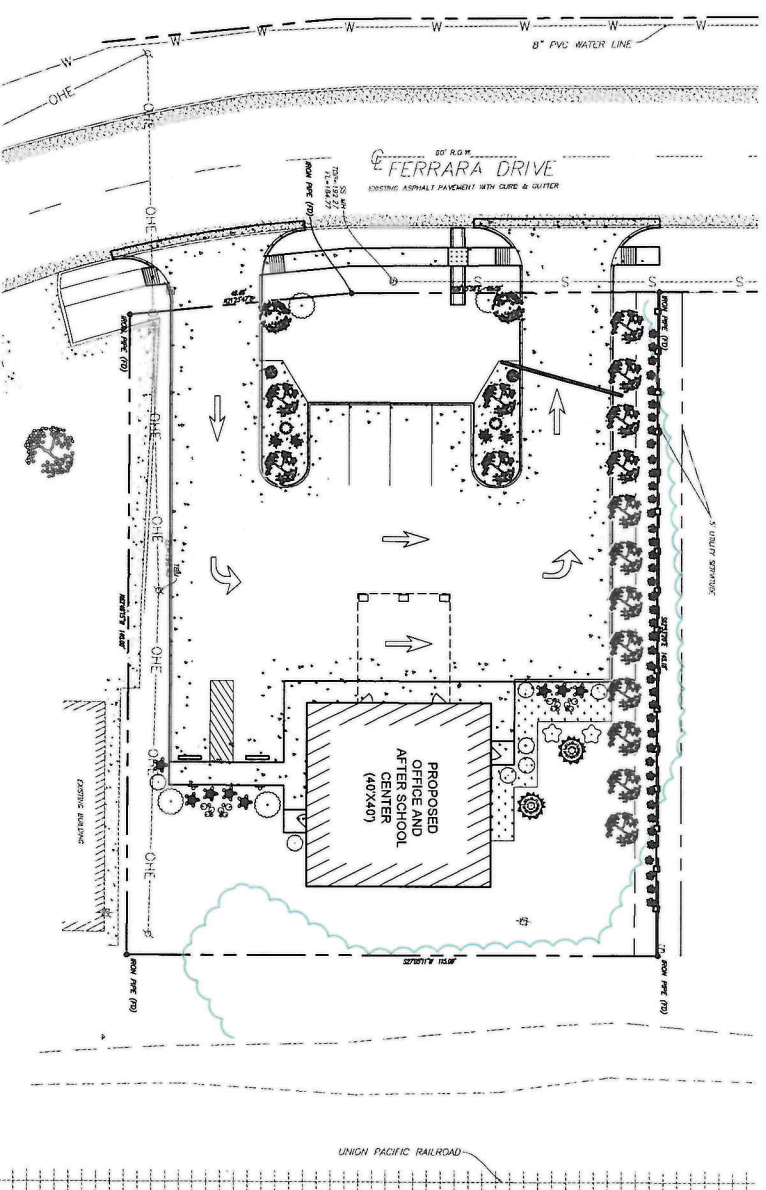
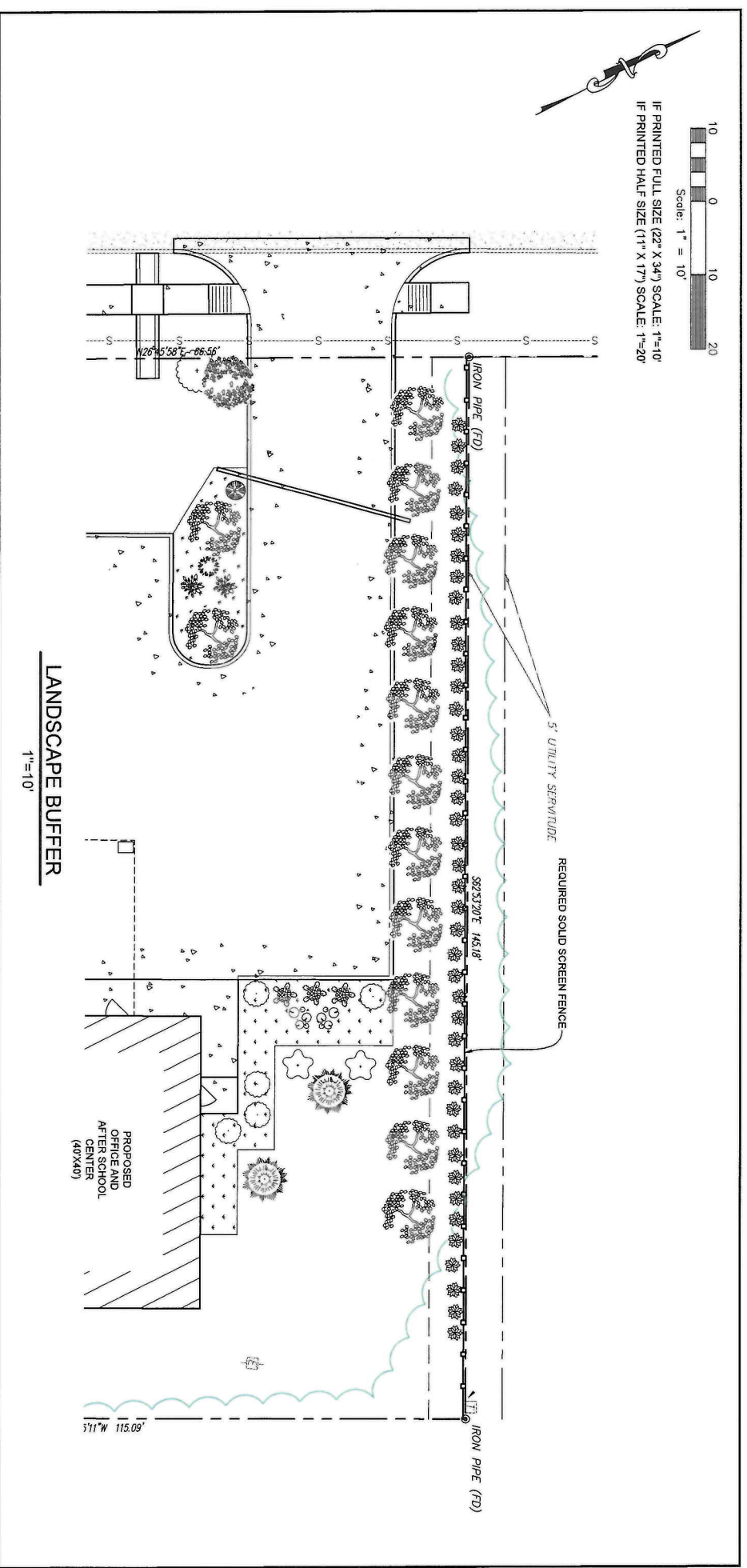
DURR ENGINEERS, LLC
 CONSULTING CIVIL ENGINEER
 9045 ELLERBE RD., SUITE 106
 SHREVEPORT, LOUISIANA 71106
 BUSINESS PHONE: (318) 861-7975

PROJECT NO. 5855
 DATE: 01-25-2021
 DRAWN: DB
 CHECKED: DD

MPC2

20-182-C

LANDSCAPING			
TREES:	REQUIRED	PROVIDED	QUANTITY
	REQUIRED	21	21
	PROVIDED		
	REQUIRED	69	69
	PROVIDED		
SYMBOL	COMMON NAME	SCIENTIFIC NAME	QUANTITY
	DECIDUOUS HOLLY	ILEX DECIDUA	2
	CRABAPPLE	MALUS SPP.	2
	CREPE MYRTLE	LAGERSTROEMIA	11
	JAPANESE MAPLE	ACER PALMATUM	2
	FLOWERING DOGWOOD	LAGERSTROEMIA	4
	DAYLILY	HEMEROCALLIS FILIVA	4
	INDIAN HAWTHORN	RHAPHIOLEPIS INDICA	42
	ROSE BUSH	ROSA	2
	AZALEA	RHODODENDRON	8
	COMMON BOXWOOD	BUXUS SEMPERVIRENS	7
	NANDINA	NANDINA DOMESTICA	2
	OLEANDER	NERIUM OLEANDER	4
	MULCH / ROCK	N/A	748 S.F.
LANDSCAPED AREAS:			
REQUIRED	725 S.F.		
PROVIDED	817 S.F.		



EXECUTIVE DIRECTOR APPROVAL

Date 2-3-2021 By all

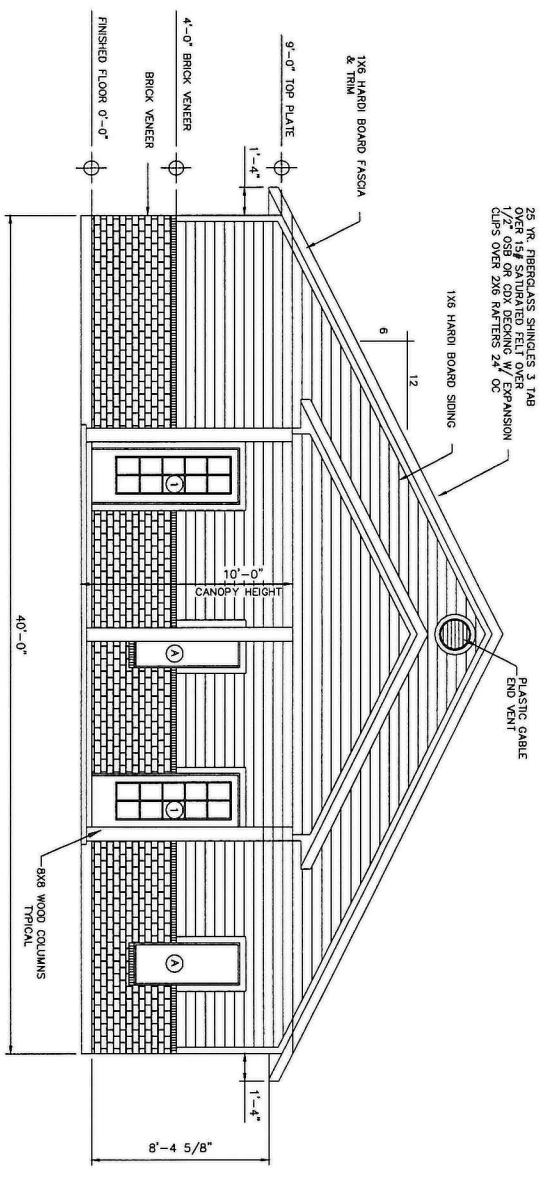
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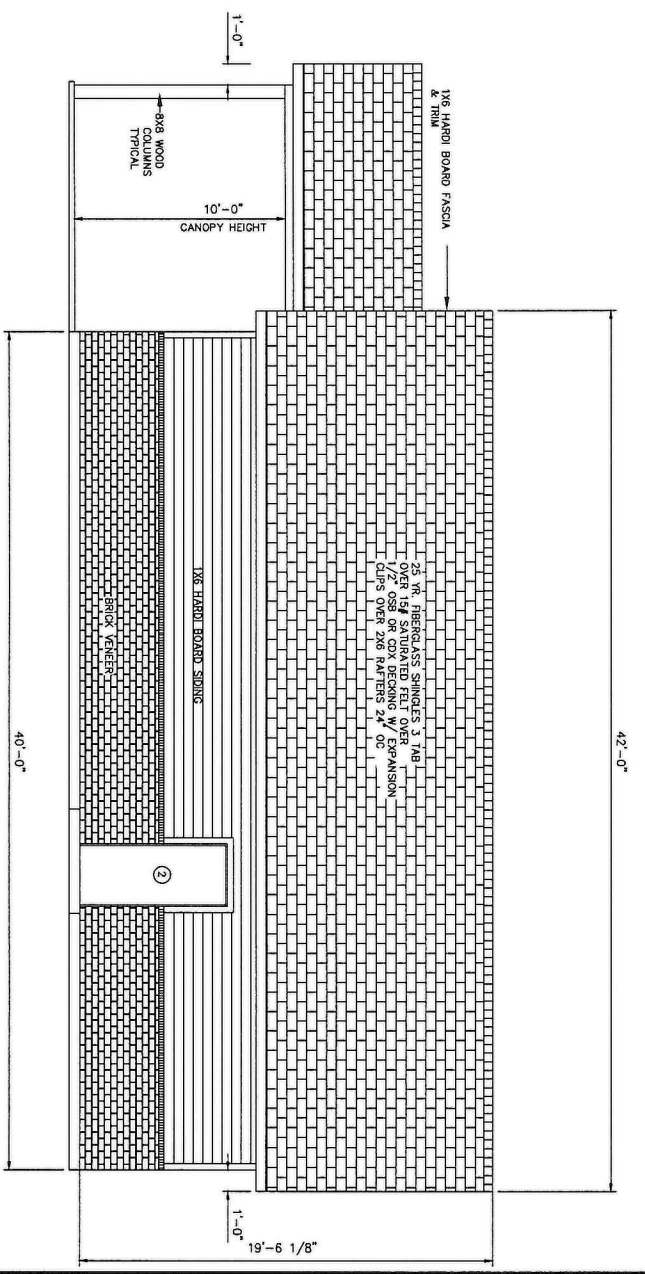


<p>LANDSCAPE PLAN</p> <p>EAGLE'S NEST DEVELOPMENT CENTER LOT 5 (0.38 ACRES) LAMBERT PARK UNIT 30 SHREVEPORT, CADDO PARISH, LA</p>	
<p>DURR ENGINEERING, L.L.C. CONSULTING CIVIL ENGINEER 9045 ELLERBE RD., SUITE 105 SHREVEPORT, LOUISIANA 71105 BUSINESS PHONE: (318) 861-7975</p>	<p>PROJECT NO. 5855 DATE: 01-25-21 DRAWN: DB CHECKED: DD</p>
<p>MPC3</p>	

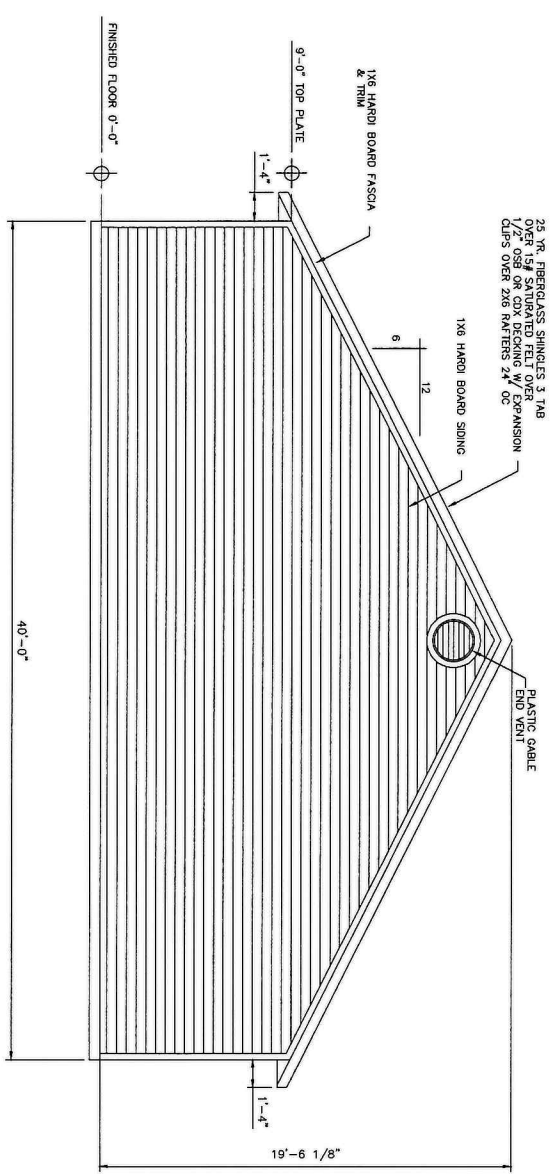
20-182-C



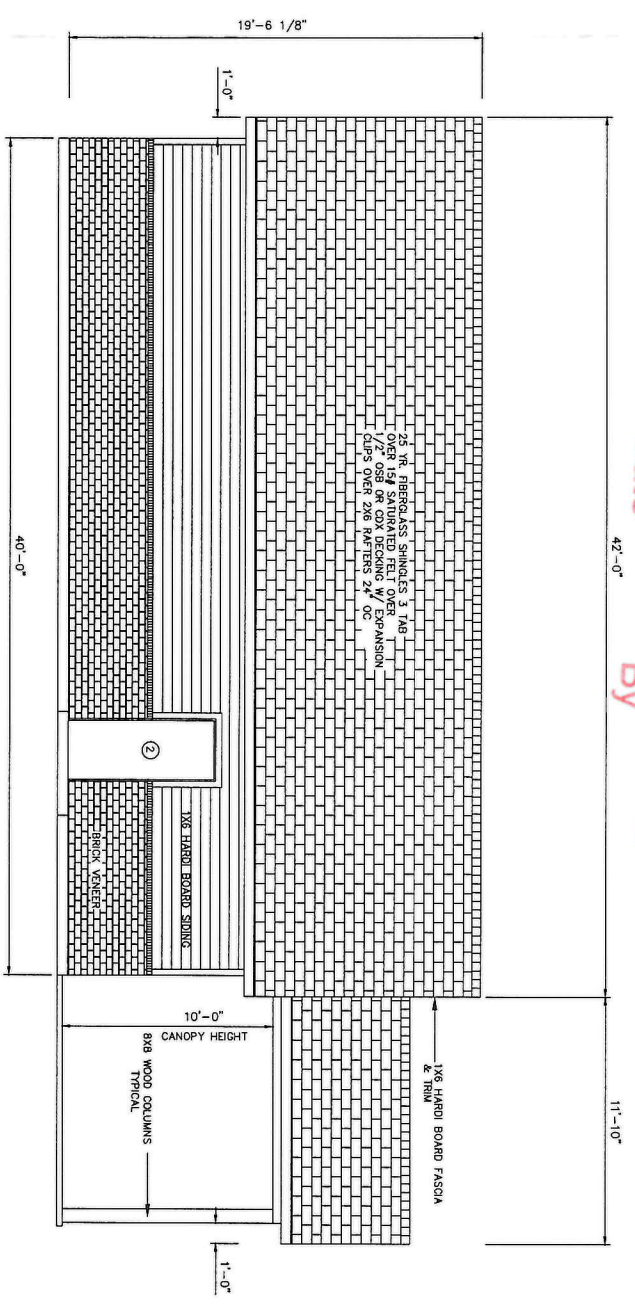
FRONT (WEST) EXTERIOR ELEVATION



RIGHT (SOUTH) EXTERIOR ELEVATION



REAR (EAST) EXTERIOR ELEVATION



LEFT (NORTH) EXTERIOR ELEVATION

EXECUTIVE DIRECTOR APPROVAL
 Date 2-3-2021 By [Signature]

20-182-C

REVISIONS	BY

DURR ENGINEERING, L.L.C.
 CONSULTING CIVIL ENGINEER
 9045 ELLERBE ROAD, SUITE 106 SHREVEPORT, LOUISIANA 71106 BUSINESS PHONE: (318) 861-7975

EXTERIOR ELEVATIONS
 LOT 5 LAMBERT PARK UNIT 30
 SHREVEPORT, LOUISIANA
 FOR: JANICE ANTWINE

Date: JAN. 25, 2021
 Scale: 1/4"=1'-0"
 Drawn: RON ADKINS
 Job: _____
 Sheet: A-2
 of: _____ Sheets