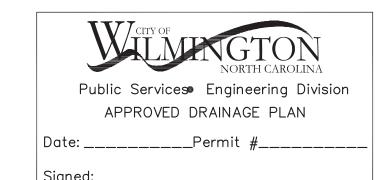


GENERAL NOTES:

- 1. NEW HANOVER COUNTY PARCEL NUMBERS:
 PID R05413-040-002-000, R05407-028-002-000,
 TOTAL PROJECT AREA: 105,823 SF (2.43 AC)
 2. EXISTING ZONING DISTRICT: UMX
- 3. CAMA LAND CLASSIFICATION: URBAN
 4. THIS SITE IS LOCATED WITHIN ZONE "X" ACCORDING TO FEMA FIRM
- COMMUNITY PANEL NUMBER 3720312700K, EFFECTIVE DATE 8/28/18
 5. SITE ADDRESS: 1315 SOUTH 5TH STREET
- 6. BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED AND PROVIDED TO CSD ENGINEERING BY GARY W KEYES LAND SURVEYING, PC; VERTICAL DATUM = 88
- 7. STORMWATER DRAINS TO NE CAPE FEAR RIVER, SC; Sw 18-74-(61)
 8. LAND OWNER GREENFIELD GROUP, LLC
 213 FAYETTEVILLE STREET
 RALEIGH, NC 27601

	Approved Construction Plan
Name	Date
Planning	
Traffic	
Fire	



For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

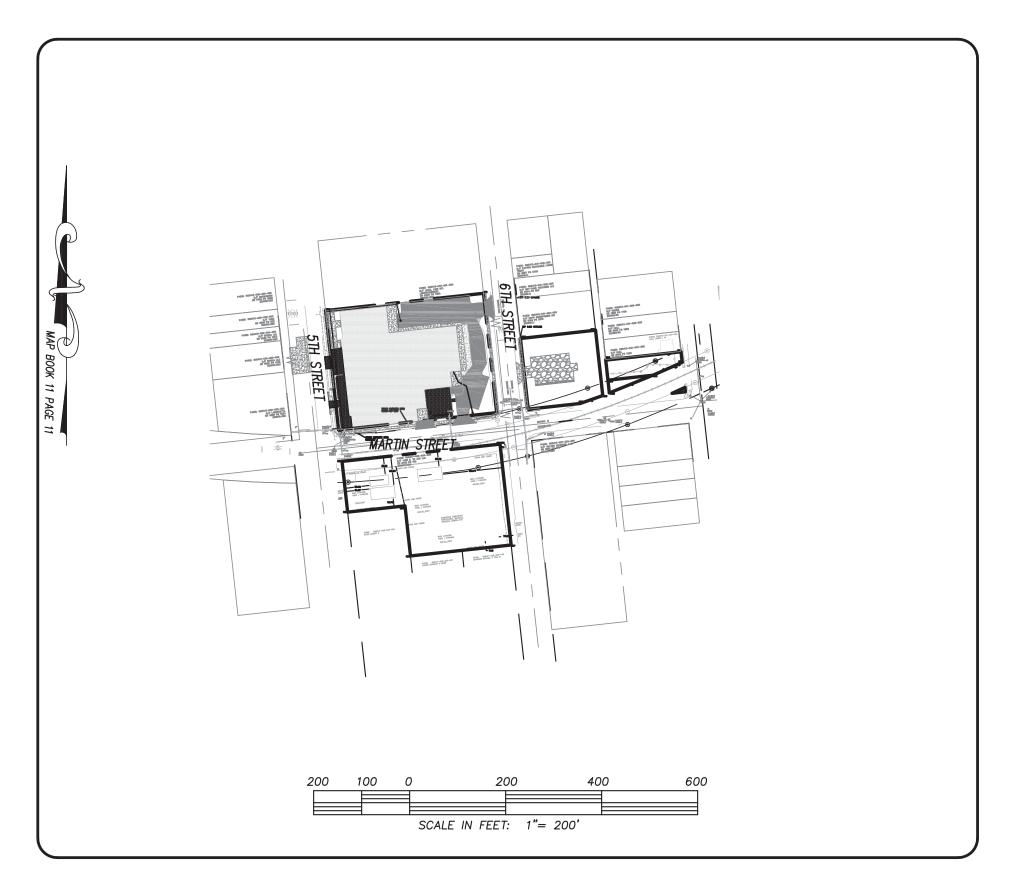
	<u>LEGEND</u>					
	• EXISTING BOUNDARY • PROPOSED LOTLINE CENTERLINE OF RIGHT OF WAY	W	EXISTING WATERLINE PROPOSED WATERLINE			
21	CONTOUR LINE & ELEVATION DRAINAGE FLOW		EXISTING / PROPOSED STORM SEWER & CATCH BASIN			
30' -15'	DRAINAGE EASEMENT	E.I.P. ⊞ E.C.M.	EXIST. IRON PIPE WATER METER SERVICE CONNECTION EXIST. CONCRETE MONUMENT			
	PROPOSED DRAINAGE PIPE	H	GATE VALVE			
ss	PROPOSED SANITARY SEWER & MANHOLE	A	REDUCER			
SS —	EXISTING SANITARY SEWER & MANHOLE		HANDICAP RAMP			

OWNER: GREENFIELD GROUP, LLC 213 FAYETTEVILLE STREET RALEIGH, NC 27601

CONSTRUCTION DRAWINGS for

SEASO

LOCATED IN CITY OF WILMINGTON
NEW HANOVER COUNTY, NORTH CAROLINA



	INDEX TO DRAWINGS	
SHEET No.	DESCRIPTION	DRAWING No.
1 OF 9	COVER SHEET	CD_COVER
2 OF 9	EXISTING BOUNDARY AND TOPOGRAPHY AND TREE SURVEY	EX-COND
3 OF 9	TREE INVENTORY	TREE_OVERLAY
4 OF 9	DEMO PLAN	TREE_OVERLAY
5 OF 9	OVERALL SITE PLAN	SITE_PLAN_OVERALL
6 OF 9	SITE PLAN	SITE PLAN
7 OF 9	GRADING PLAN	GRADING
8 OF 9	SITE DETAILS	SITE_DETAILS_1
9 OF 9	SITE DETAILS	SITE_DETAILS_2
1 OF 1	LANDSCAPE PLAN	LANDSCAPE PLAN

NOTES:

- 1. ASBUILT, BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED AND PROVIDED TO CSD ENGINEERING BY
- GARY W KEYES LAND SURVEYING, PC; VERTICAL DATUM = 88
 2. THIS MAP IS NOT FOR CONVEYANCE, RECORDATION, OR SALES.
- 3. THIS PROPERTY IS LOCATED WITHIN ZONE "UMX"

 ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP,

 3720312700K, EFFECTIVE DATE 8/28/18
- 4. EXISTING ZONING: UMX5. CFPUA WATER
- 6. CFPUA WATER
- 7. ALL CONSTRUCTION TO CONFORM TO NEW HANOVER COUNTY STANDARDS AND APPLICABLE STATE & LOCAL CODES.
- 8. CONTRACTOR TO COORDINATE ANY REQUIRED TRAFFIC CONTROL WITH CITY OF WILMINGTON AND OR NCDOT.
- 9. CARE SHALL BE TAKEN DURING FINAL GRADING TO ENSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND TO RECEIVING STRUCTURES. ROOF DRAIN DOWNSPOUTS TO BE CONNECTED TO STORM DRAINAGE STUBOUTS OR DIRECTED TO STREET/PARKING AREAS.
- 10. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ANY RELOCATIONS, RE-ALIGNMENTS, DISCONNECTIONS OR CONNECTIONS OF EXISTING UTILITIES WITH APPLICABLE AUTHORITIES.
- 11. CLEARING AND GRUBBING OF SITE TO INCLUDE REMOVAL OF EXISTING CURB, ASPHALT, INLETS, AND ANY OTHER STRUCTURES INCLUDING TREES, STUMPS AND DEBRIS EXISTING ON SITE. TREES NOT REQUIRED TO BE CLEARED FOR CONSTRUCTION SHALL REMAIN UNLESS OTHERWISE DIRECTED.
- 12. INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT ELEVATIONS AND LOCATIONS OF ALL EXISTING UTILITIES AT ALL CROSSINGS PRIOR TO COMMENCING TRENCH EXCAVATION. IF ACTUAL CLEARANCES ARE LESS THAN INDICATED ON PLAN, THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION. ANY CONDITION DISCOVERED OR EXISTING THAT WOULD NECESSITATE A MODIFICATION OF THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.
- 13. NO CONSTRUCTION IS TO BEGIN BEFORE LOCATION OF EXISTING
 UTILITIES HAS BEEN DETERMINED. CALL "NC ONE—CALL" AT LEAST
 72 HOURS BEFORE COMMENCING CONSTRUCTION.
- 14. CONTRACTOR SHALL ADJUST ALL MANHOLES, VALVE & CURB BOXES TO FINAL GRADE UPON COMPLETION OF ALL CONSTRUCTION. ANY BOXES DAMAGED OR OTHERWISE DISTURBED BY THE CONTRACTOR SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
- 15. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST AND EROSION DURING CONSTRUCTION AT HIS EXPENSE. PARKING AREAS SHALL BE
- WATERED TO CONTROL DUST WHEN ORDERED BY THE ENGINEER.

 16. NO GEOTECHNICAL TESTING HAS BEEN PERFORMED ON SITE. NO WARRANTY IS MADE FOR SUITABILITY OF SUBGRADE, AND UNDERCUT AND ANY REQUIRED REPLACEMENT WITH SUITABLE MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 17. CONTRACTOR TO ENSURE THAT PAVEMENT IS PLACED SO AS TO DRAIN POSITIVELY TO THE STREET INLETS AND CATCH BASINS. ALL FUTURE ROOF DRAIN DOWNSPOUTS TO BE DIRECTED TO THE STORM DRAINAGE STUBOUTS.
- 18. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS.
 19. THIS PLAN IS FOR SITE GRADING, UTILITIES, SITING, AND DRAINAGE ONLY.
- SEE BUILDING PLANS FOR DETAILED HOOKUPS TO BUILDINGS, ETC.

 20. CONTRACTOR AND BUILDER ARE RESPONSIBLE FOR COORDINATING
 FINISHED FLOOR ELEVATION OF ALL BUILDINGS WITH THE OWNER. ELEVATIONS
 GIVEN ARE MINIMUM GROUND ELEVATIONS AT THE BUILDING SITE AND DO NOT
 PURPORT TO BE FINISHED FLOOR. MINIMUM RECOMMENDED FF ELEVATIONS
- 21. AFFECTED NON—MUNICIPAL UTILITIES SHALL BE CONTACTED AND PROVIDED WITH PLANS AND OTHER PERTINENT INFORMATION, WHEN FEASIBLE, TO COORDINATE APPROPRIATE SCHEDULING AND PLACEMENT.
- 22. EXTREME CARE SHALL BE TAKEN TO ENSURE MINIMUM SEPARATIONS AT ALL UTILITY CROSSINGS.
- 23. MINIMUM SEPARATION SHALL BE MAINTAINED AS FOLLOWS:

 a. HORIZONTAL SEPARATION OF 10 FEET BETWEEN SANITARY SEWER AND
 WATER MAINS AND STORM SEWER.
 - b. WHERE VERTICAL CLEARANCE IS LESS THAN 24" BETWEEN SANITARY SEWER AND WATER OR WHERE SEWER LINE CROSSES ABOVE WATER MAIN, BOTH PIPES SHALL BE DUCTILE IRON PIPE FOR A MINIMUM OF 10' EITHER SIDE OF CROSSING.
 - c. WHERE VERTICAL CLEARANCE IS LESS THAN 24" BETWEEN SANITARY SEWER AND STORM DRAIN, SANITARY SEWER SHALL BE DUCTILE IRON PIPE FOR A MINIMUM OF 10 FEET EITHER SIDE OF CROSSING.
- d. WHERE VERTICAL CLEARANCE IS LESS THAN 12" BETWEEN SANITARY
 SEWER AND STORM DRAIN, SANITARY SEWER SHALL BE DUCTILE IRON
 PIPE FOR A MINIMUM OF 10' EITHER SIDE OF CROSSING, AND BRIDGING
 SHALL BE INSTALLED PER APPLICABLE UTILITY AUTHORITY'S DETAILS.
- e. IN NO CASE SHALL THERE BE LESS THAN 18" OF SEPARATION BETWEEN OUTSIDE OF WATER MAIN AND OUTSIDE OF SEWER OR STORM DRAINAGE.

 f. MINIMUM COVER OF 36" SHALL BE PROVIDED FOR ALL BURIED WATER MAINS AND SANITARY SEWER MAINS.
- 24. SEE DETAIL SHEETS FOR TYPICAL UTILITIES HOOKUPS.



LICENSE # C-2710
ENGINEERING
LAND PLANNING
COMMERCIAL / RESIDENTIAL

P.O. BOX 4041 WILMINGTON, NC 28406 (910) 791-4441

SEASO

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OWNER:

CREENFIELD GRO
213 FAYETTEVILL
RAI FIGH NC 276

PRELIMINARY

NOT RELEASED

FOR CONSTRUCTION

REV. NO. REMARKS BY DATE

DATE: 11-09-21

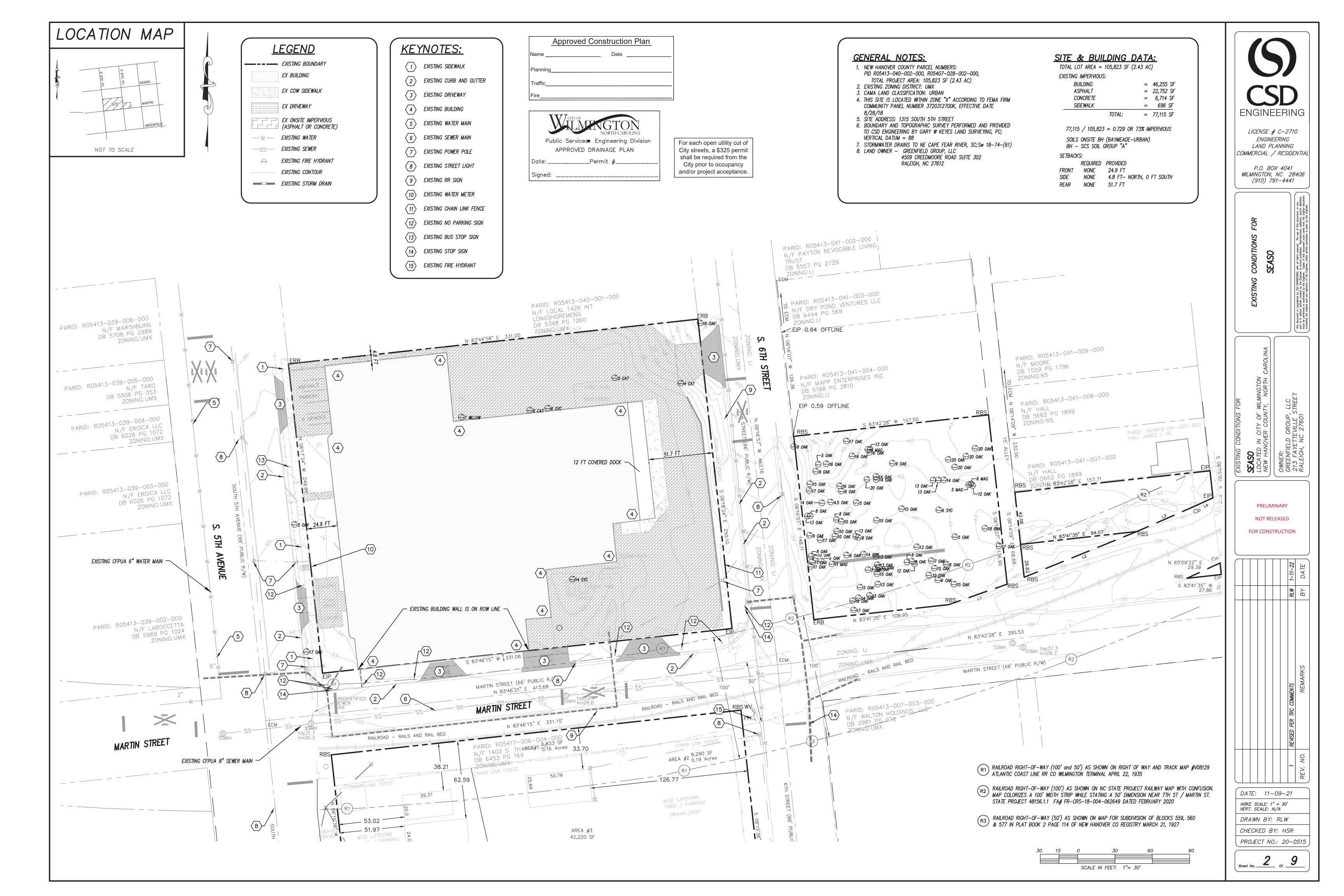
HORZ. SCALE: 1" = 200'
VERT. SCALE: N/A

DRAWN BY: RLW

CHECKED BY: HSR

Sheet No. _____ Of ____

PROJECT NO.: 21-0545



TREES TO REMAIN

P	oint Table
Point #	Raw Description
1	17 OAK
2	6 MAG
3	6 OAK
4	13 OAK
5	9 OAK
6	14 OAK
7	14 OAK
8	20 OAK
11	16 OAK
12	5 OAK
13	9 OAK
14	15 OAK
15	17 OAK
16	14 OAK
17	4.5 OAK
31	13 OAK
32	13 OAK
33	15 OAK
34	7 OAK
35	7 OAK

Р	oint Table	P	oint Table	
oint #	Raw Description	Raw Descrip		
36	11 MAG	61	8 OAK	
<i>37</i>	9 OAK	62	5 OAK	
38	11 OAK	63	18 OAK	
39	11 OAK	64	17 OAK	
40	10 OAK	66	20 OAK	
46	9 OAK	67	20 OAK	
47	13 OAK	68	20 OAK	
48	5 OAK	69	20 OAK	
49	13 OAK	70	6 MAG	
50	14 OAK	71	5 MAG	
51	19 OAK	72	12 OAK	
52	17 OAK	73	14 OAK	
53	15 OAK	74	13 OAK	
54	6 OAK	75	13 OAK	
55	32 OAK	76	16 OAK	
56	15 OAK	77	14 SYC	
57	6 OAK	78	17 OAK	
58	7 OAK	79	5 OAK	
59	12 OAK	85	16 OAK	
60	9 OAK			

TREES FOR REMOVAL

,	olite rabic
Point #	Raw Description
9	16 OAK
10	8 OAK
18	5 OAK
19	8 OAK
20	10 OAK
21	10 OAK
22	10 OAK
23	13 OAK
24	8 OAK
25	15 OAK
26	15 OAK
27	13 OAK
28	13 OAK
29	14 OAK
30	6 OAK
42	17 OAK
43	9 OAK
44	8 OAK
45	13 OAK
65	6 SYC

	P	oint Table
	Point #	Raw Description
	80	7 WILLOW
	81	8 CAT
	82	6 SYC
	83	5 CAT
	84	4 CAT
1		

	Approved Construction Plan	
Name	Date	
Planning	3	_
Traffic		
Fire		
		_



For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

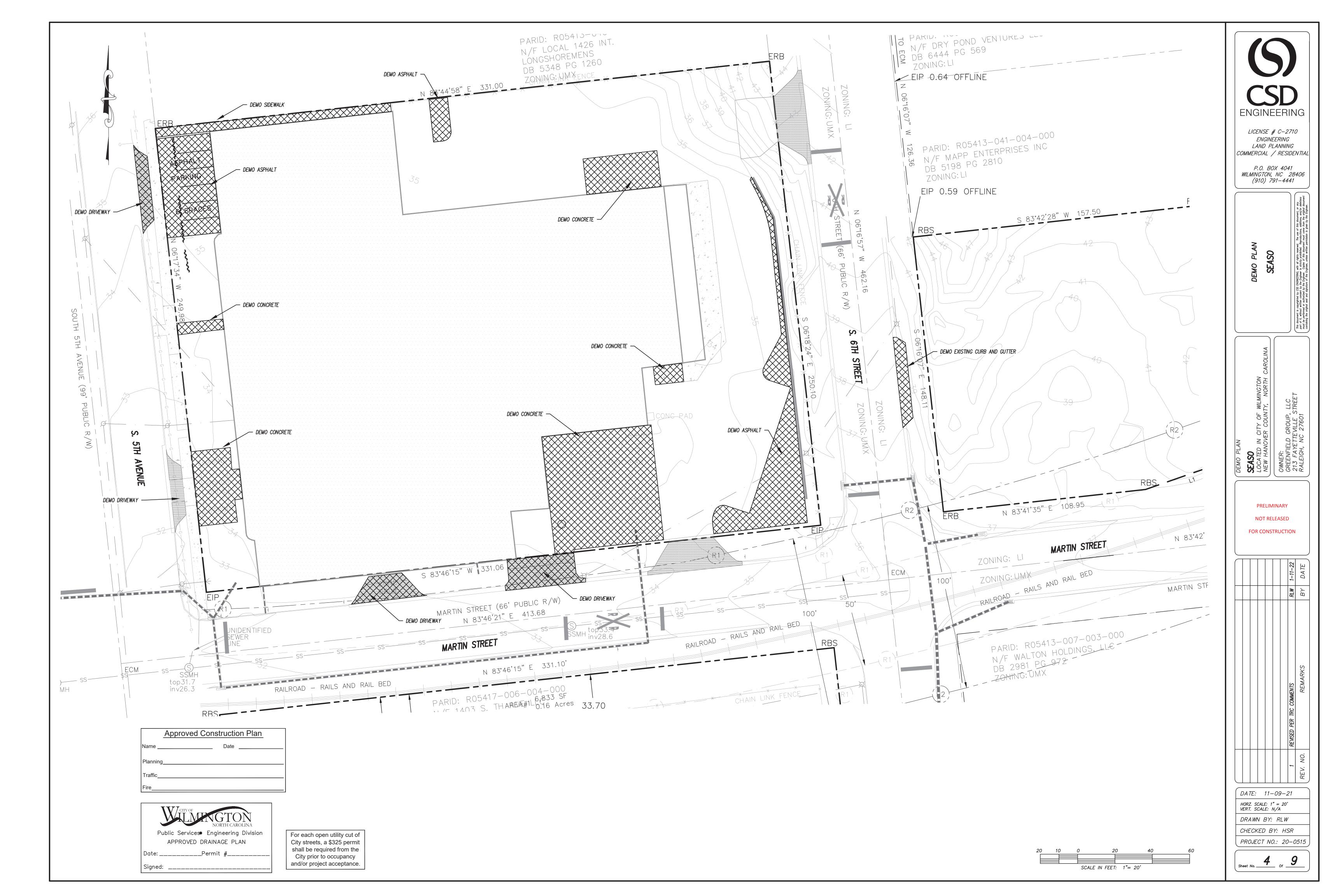
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Р	RELIM	INARY		
N	OT REL	EASEC)	
FOR	CONST	RUCTI	ON	
			1-11-22	DATE
			RLW	ВУ
			REVISED PER TRC COMMENTS). REMARKS
			1	REV. NO.
DATE:	11-	09-2	21	
HORZ. SC VERT. SC	ALE: N,	/A I/A		
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ENGINEERING

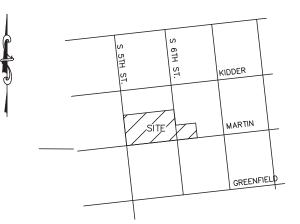
LICENSE # C-2710

ENGINEERING
LAND PLANNING
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P.O. BOX 4041 WILMINGTON, NC 28406 (910) 791–4441



LOCATION MAP



NOT TO SCALE

FIRE & LIFE SAFETY NOTES:

CIRCUMFERENCE OF THE HYDRANT.

- LANDSCAPING OR PARKING CANNOT BLOCK OR IMPEDE FIRE HYDRANTS OR FDC'S. A 3 FT CLEAR SPACE SHALL BE MAINTAINED AROUND THE
- 2. CONTRACTOR SHALL MAINTAIN AN ALL WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION. 3. PRIVATE UNDERGROUND FIRE LINES REQUIRE A SEPARATE FIRE LINE PERMIT FROM COW FIRE AND LIFE SAFETY DIVISION, 910-343-0696.
- 4. ALL FDC LOCATIONS TO BE SHOWN ON FINAL PLAN. 5. FDC MUST BE ON THE FRONT OF THE BUILDING(S) UNLESS OTHERWISE
- 6. FIRE HYDRANTS TO BE INSTALLED PER CITY OF WILMINGTON ORDINANCE AND CFPUA STANDARDS.
- 7. WATER FLOW ANALYSIS WILL BE REQUIRED TO DETERMINE THE CORRECT
- MAIN SIZE TO MEET FIRE FLOW DEMAND. 8. NEW HYDRANTS TO BE BROUGHT INTO SERVICE PRIOR TO COMBUSTIBLE
- MATERIALS DELIVERED TO THE JOB SITE. 9. HYDRANT MUST BE WITHIN 150 FT OF THE FDC (MEASURED AS THE
- TRUCK DRIVES). 10. FDC MUST BE WITHIN 40 FT OF FIRE APPARATUS PLACEMENT.
- 11. IN ADDITION TO THE STANDARD COMMENTS, ADDITIONAL FIRE PROTECTION AND ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.
- 12. CONTRACTOR SHALL SUBMIT A RADIO STRENGTH STUDY THAT DEMONSTRATES THAT EXISTING EMERGENCY RESPONDER RADIO SIGNAL LEVELS MEET THE REQUIREMENTS OF SECTION 510 OF THE 2018 NC FIRE
- 13. FIRE INSTALLATION TO MEET NFPA 24

PARID: R05413-039-005-000

14. ALL ISOLATION VALVES WITHIN THE HOT BOX AND BETWEEN THE HOT BOX AND THE RISER ROOM. MUST BE ELECTRICALLY SUPERVISED.

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DEVELOPMENT NOTES:

- 1. ALL SIGNS AND PAVEMENT MARKINGS IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD STANDARDS.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF EXISTING UTILITIES DURING CONSTRUCTION. CALL U-LOCO AT 1-800-632-4949. CONTRACTOR IS RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY UTILITIES, CURB AND GUTTER, SIDEWALK PANELS, PAVEMENT, ETC. THAT MAY BE DAMAGED DURING CONSTRUCTION. DAMAGED ITEMS SHALL BE REPAIRED TO AT LEAST THE QUALITY OR WORKMANSHIP FOUND IN THE ORIGINAL ITEM. 3. SOLID WASTE DISPOSAL WILL BE DUMPSTER CORRALS
- 4. ALL DEVELOPMENT SHALL BE IN ACCORDANCE WITH THE CITY OF WILMINGTON ZONING ORDINANCE & SUBDIVISION REGULATIONS. 5. APPROVAL OF SITE PLAN DOES NOT CONSTITUTE APPROVAL OF PROPOSED
- SIGNAGE FOR THIS SITE. A SEPARATE SIGN PERMIT MUST BE OBTAINED. 6. APPLICABLE STREET FRONTAGES SHALL HAVE NATURAL VEGETATIVE SCREENING MEETING CITY REQUIREMENTS.
- 7. THE DEVELOPMENT SHALL COMPLY WITH ALL CITY TECHNICAL STANDARDS AND DEVELOPMENT REGULATIONS. 8. STREET TREES MUST BE LOCATED A MINIMUM OF 15 FEET FROM STREET LIGHTS.

ENVIRONMENTAL NOTES:

1. NO LAND DISTURBANCE IS PERMITTED OUTSIDE THE DESIGNATED LIMITS OF DISTURBANCE FOR SITE IMPROVEMENTS OTHER THAN WHAT IS NECESSARY TO TIE INTO EXISTING CONTOURS OR MEET LANDSCAPING REQUIREMENTS.

WATER & SEWER USAGE NOTES:

CURRENT WATER USAGE - 0 GPD PROPOSED WATER USAGE - 46,080 GPD CURRENT SEWER USAGE - 0 GPD PROPOSED SEWER USAGE - 46,080 GPD 192 UNITS X 240 GPD = 46,080 GPD

MISC LAYDOWN YARD / PARKING

UTILITY NOTES:

PREVENTION DEVICES.

- 1. PROJECT SHALL COMPLY WITH THE CITY OF WILMINGTON AND CFPUA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METER(S) CANNOT BE SET AND ACTIVATED ON NEW MAINS UNTIL ALL REQUIREMENTS ARE MET. CALL 343-3910 FOR INFORMATION.
- 2. IF THE CONTRACTOR DESIRES WATER FOR CONSTRUCTION HE/SHE SHALL APPLY IN ADVANCE FOR THIS SERVICE AND MUST PROVIDE A REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTION DEVICE ON THE DEVELOPER'S SIDE OF THE WATER METER BOX.
- 3. ALL COMMERCIAL WATER SERVICES AND ANY IRRIGATION SYSTEMS SUPPLIED BY CFPUA WATER SHALL HAVE A BACKFLOW PREVENTION DEVICE ACCEPTABLE TO THE CFPUA AND APPROVED BY USCFCCCHR OR ASSE. CALL 799-6064 FOR
- 4. WHEN PVC WATER MAINS AND/OR POLYETHYLENE SERVICES ARE PROPOSED. THE PIPES ARE TO BE MARKED WITH NO. 10 INSULATED COPPER WIRE INSTALLED THE ENTIRE LENGTH AND STRAPPED TO THE PIPES WITH DUCT TAPE. THE INSULATED WIRE IS TO BE STRIPPED TO BARE WIRE AND SECURED TO ALL VALVES AND FITTINGS. THE WIRE IS TO BE ACCESSIBLE AT ALL FIRE HYDRANTS AND WATER METER BOXES TO AID IN FUTURE LOCATION OF FACILITIES.
- 5. 36"MINIMUM COVER OVER ALL WATER MAINS. 6. ANY SEPARATE CONNECTION FOR IRRIGATION SHALL COMPLY WITH CITY AND CFPUA CROSS—CONNECTION REQUIREMENTS WITH APPROVED BACKFLOW
- 7. AT LOCATIONS WHERE WATER MAIN CROSSES UNDER SANITARY SEWER, DUCTILE IRON PIPE SHALL BE USED ALONG WITH PROVIDING 24" MINIMUM OF VERTICAL SEPARATION.
- 8. WATER SERVICES CAN NOT BE ACTIVATED ON NEW WATER MAINS UNTIL ENGINEER'S CERTIFICATION AND APPLICANT'S CERTIFICATION HAVE BEEN PROVIDED TO NCDENR AND "FINAL APPROVAL" ISSUED.
- 9. UNDERGROUND UTILITIES— ALL NEW UTILITIES SHALL BE INSTALLED UNDERGROUND, EXCEPT WHERE SUCH PLACEMENT IS PROHIBITED OR DEEMED IMPRACTICAL BY THE UTILITY PROVIDER. UNDERGROUND FACILITIES FOR STREET LIGHTING ALONG ALL PUBLIC STREETS ABUTTING THE SUBJECT SITE SHALL BE INSTALLED BY THE
- 10. CONTACT 811 PRIOR TO CONTACTING CITY OF WILMINGTON, TRAFFIC ENGINEERING REGARDING THE UTILITIES IN THE ROW.

I/F PAYTON REVOCABLE LIVI

1KUS1 DB 5557 PG 2729

EIP 0.64 OFFLINE

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TRAFFIC ENGINEERING NOTES:

- 1. A LANDSCAPING PLAN INDICATING THE LOCATION OF REQUIRED STREET TREES SHALL BE SUBMITTED TO THE CITY OF WILMINGTON TRAFFIC ENGINEERING DIVISION AND PARKS AND RECREATION DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO RECORDING OF THE FINAL PLAT. PLAN SHALL ADHERE TO SD 15-14.
- 2. TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD STANDARDS.
- 3. OPEN CUT NOTES: A. A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. CONTACT 910-341-5899 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED. B. CONTRACTOR TO COORDINATE WITH CITY OF WILMINGTON FOR ACCEPTABLE
- HOURS OF CONSTRUCTION AND TRAFFIC CONTROL DURING INSTALLATION OF UTILITIES IN CITY ROADS. C. SUITABLE COMPACTION AND APPROVED STONE & BASE COURSES TO BE INSTALLED IN PLACE OF OPEN CUT.
- D. OPEN CUT TO BE SAW CUT. 4. ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS OF WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
- 5. IT SHALL BE THE RESPONSIBILITY OF THE SUBDIVIDER TO ERECT OFFICIAL STREET NAME SIGNS AT ALL INTERSECTIONS ASSOCIATED WITH THE SUBDIVISION IN ACCORDANCE WITH THE TECHNICAL STANDARDS AND SPECIFICATIONS MANUAL. THE SUBDIVIDER MAY ACQUIRE AND ERECT OFFICIAL STREET NAME SIGNS OR MAY CHOOSE TO CONTRACT WITH THE CITY TO INSTALL THE STREET SIGNS AND THE SUBDIVIDER SHALL PAY THE COST OF SUCH INSTALLATION. CONTACT TRAFFIC ENGINEERING AT 341-7888 TO DISCUSS INSTALLATION OF TRAFFIC AND AND STREET NAME SIGNS. PROPOSED STREET NAMES MUST BE APPROVED PRIOR

TO INSTALLATION OF STREET NAME SIGNS.

PARID: R05413-041-008-000

- 6. CALL TRAFFIC ENGINEERING AT 341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT OF WAY. 7. TACTILE WARNING MATS ARE TO BE INSTALLED ON ALL WHEELCHAIR RAMPS.
- 8. ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBING
- WILL BE REPLACED. 9. ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT OF WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS. 10. ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREA
- SHALL BE WHITE. 11. CONTACT TRAFFIC ENGINEERING AT 341-7888 TO DISCUSS STREET LIGHTING
- 12. ALL PROPOSED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30 INCHES - 10 FT.

S 83°41'35" W 27.86

SCALE IN FEET: 1"= 20'

GENERAL NOTES:

- 1. NEW HANOVER COUNTY PARCEL NUMBERS: PID R05413-040-002-000, R05407-028-002-000, TOTAL PROJECT AREA: 105,823 SF (2.43 AC)
- 2. EXISTING ZONING DISTRICT: UMX 3. CAMA LAND CLASSIFICATION: URBAN
- 4. THIS SITE IS LOCATED WITHIN ZONE "X" ACCORDING TO FEMA FIRM COMMUNITY PANEL NUMBER 3720312700K, EFFECTIVE DATE
- 5. SITE ADDRESS: 1315 SOUTH 5TH STREET
- 6. BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED AND PROVIDED TO CSD ENGINEERING BY GARY W KEYES LAND SURVEYING, PC; VERTICAL DATUM = 88

RALEIGH, NC 27601

7. STORMWATER DRAINS TO NE CAPE FEAR RIVER, SC:Sw 18-74-(61) 8. LAND OWNER - GREENFIELD GROUP, LLC 315 FAYETTEVILLE STREET

SITE & BUILDING DATA:

TOTAL LOT AREA = 105,823 SF (2.43 AC)PROP. IMPERVIOUS: EX. BUILDING = 46.255 SF EX. ASPHALT = 16.438 SF = 5,738 SF *CONCRETE *PAVERS = 7,401 SF

= 75,832 SF 75,832 / 105,823 = 0.717 OR 72% IMPERVIOUS 5,694 SF OF PERVIOUS GRAVEL PARKING

*AREAS ARE BEING CONSIDERED MAINTENANCE OF THE EXISTING IMPERVIOUS

EXISTING SITE IMPERVIOUS BEFORE PROPOSED IMPROVEMENTS = 77,115 SF SITE IMPERVIOUS AFTER PROPOSED IMPROVEMENTS = 75,832 SF AN OVERALL REDUCTION IN IMPERVIOUS BY 1,283 SF

OFFSITE IMPERVIOUS 3,200 SF OF SIDEWALK LOCATED IN CITY ROW 523 SF OF DRIVE APRON FOR GRAVEL LOT SOILS ONSITE BH (BAYMEADE-URBAN) BH - SCS SOIL GROUP "A" SETBACKS: REQUIRED PROVIDED

NONE 24.9 FT SIDE NONE 4.8 FT— NORTH, 0 FT SOUTH NONE 51.7 FT

BUILDING HEIGHT = +/-29 FT NUMBER OF STORIES = 1 BUILDING TYPE = 2B

 $BUILDING\ USE\ =\ MIXED\ USE$ BUILDING AREA: 46,255 SF (FOOTPRINT) LOT COVERAGE: 46,255 SF / 82,770 SF = 0.559 PROPOSED 56% BUILDING LOT COVERAGE

PROPOSED USES: FOOD HALL AND BOILER ROOM: 16,285 SF COMMISSARY KITCHEN: 6,193 SF MUSIC HALL: 16,570 SF 2.179 SF RADIO STATION: RETAIL: 2,921 SF

TRIP ESTIMATION

4,671 SF - LUC 110 (GENERAL LIGHT INDUSTRIAL) $AM = 4 \qquad PM = 0$ 2,643 SF - LUC 715 (SINGLE TENANT OFFICE)

 $AM = 4 \qquad PM = 1$ 2,416 SF - LUC 820 (RETAIL) AM = 1 PM = 4

11,772 SF - LUC 932 (HIGH TURNOVER SIT DOWN RESTAURANT)

AM = - PM = 107

PARKING NOTES:

1. NO PARKING REQUIRED IN UMX ZONING

2. RESTAURANT MAX = 16,285 / 65 = 2503. RESTAURANT MIN = 16.285 / 80 = 2044. ASSEMBLY HALL MAX = 16,570 / 250 = 66

5. ASSEMBLY HALL MIN = 16,570 / 400 = 41 6. RETAIL MAX = 2,921 / 200 = 15

7. RETAIL MIN = 2,921 / 400 = 7

8. OFFICE (PROFESSIONAL) MAX = 2,179 / 200 = 119. OFFICE (PROFESSIONAL) MIN = 2,179 / 300 = 7

10. PARKING PROVIDED = 48 SPACES

11. 2 HANDICAP SPACES REQUIRED, 2 PROVIDED

12. BIKE PARKING REQUIRED 1 SPACE PER 1,000 SF GFA

46.3 SPACES REQUIRED *50 PROVIDED*

For each open utility cut of

City streets, a \$325 permit shall be required from the

City prior to occupancy

and/or project acceptance.

Approved Construction Plan

ENGINEERING

LICENSE # C-2710 **ENGINEERING** LAND PLANNING COMMERCIAL / RESIDENTIAL

P.O. BOX 4041 WILMINGTON, NC 28406 (910) 791–4441

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PRELIMINARY

NOT RELEASED

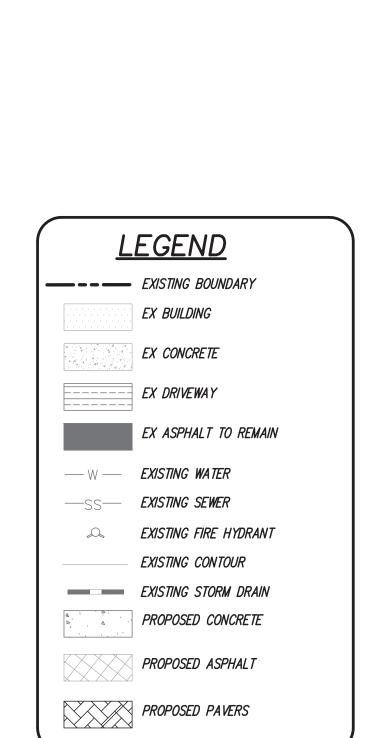
FOR CONSTRUCTION

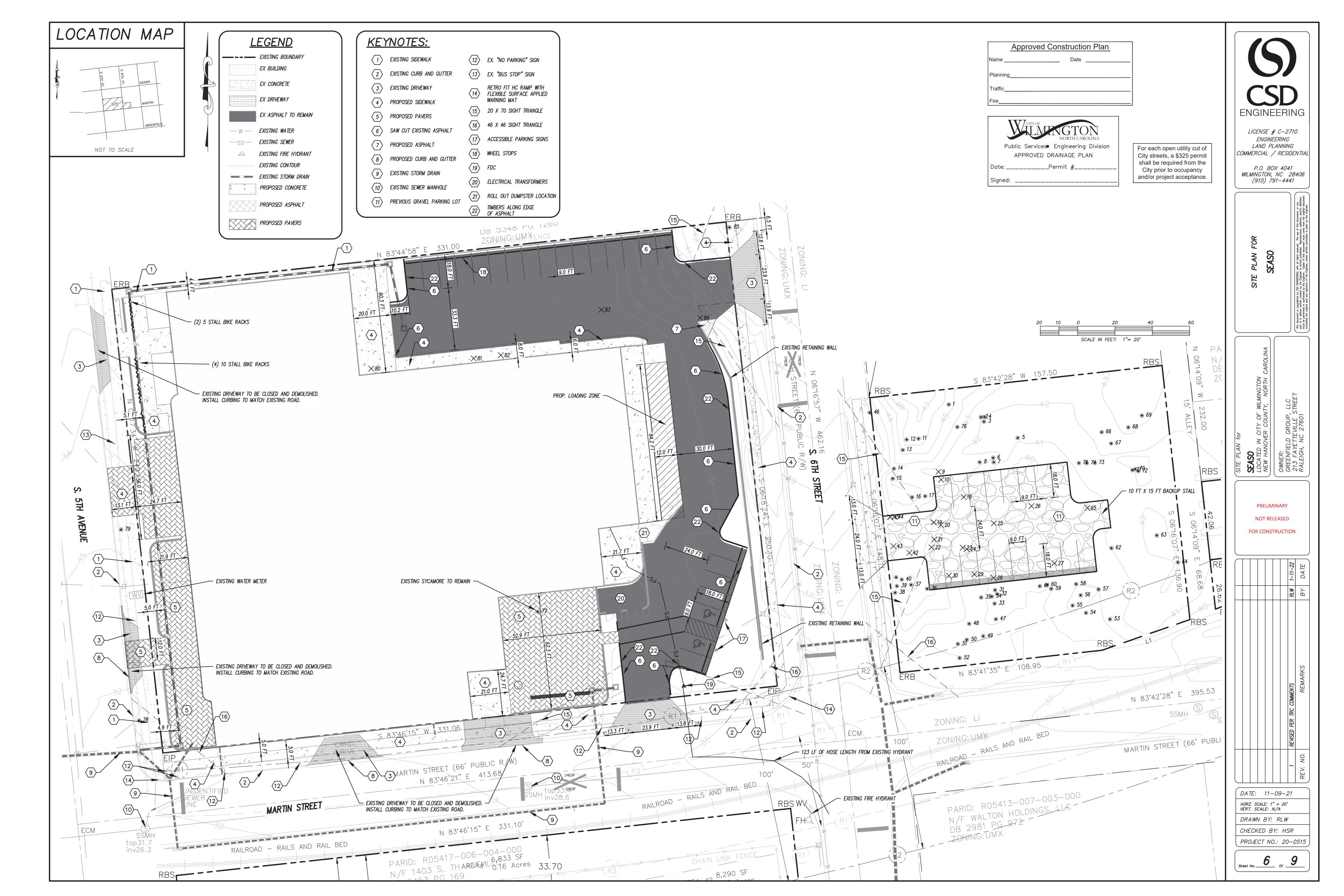
DATE: 11-09-21 HORZ. SCALE: 1" = 20'

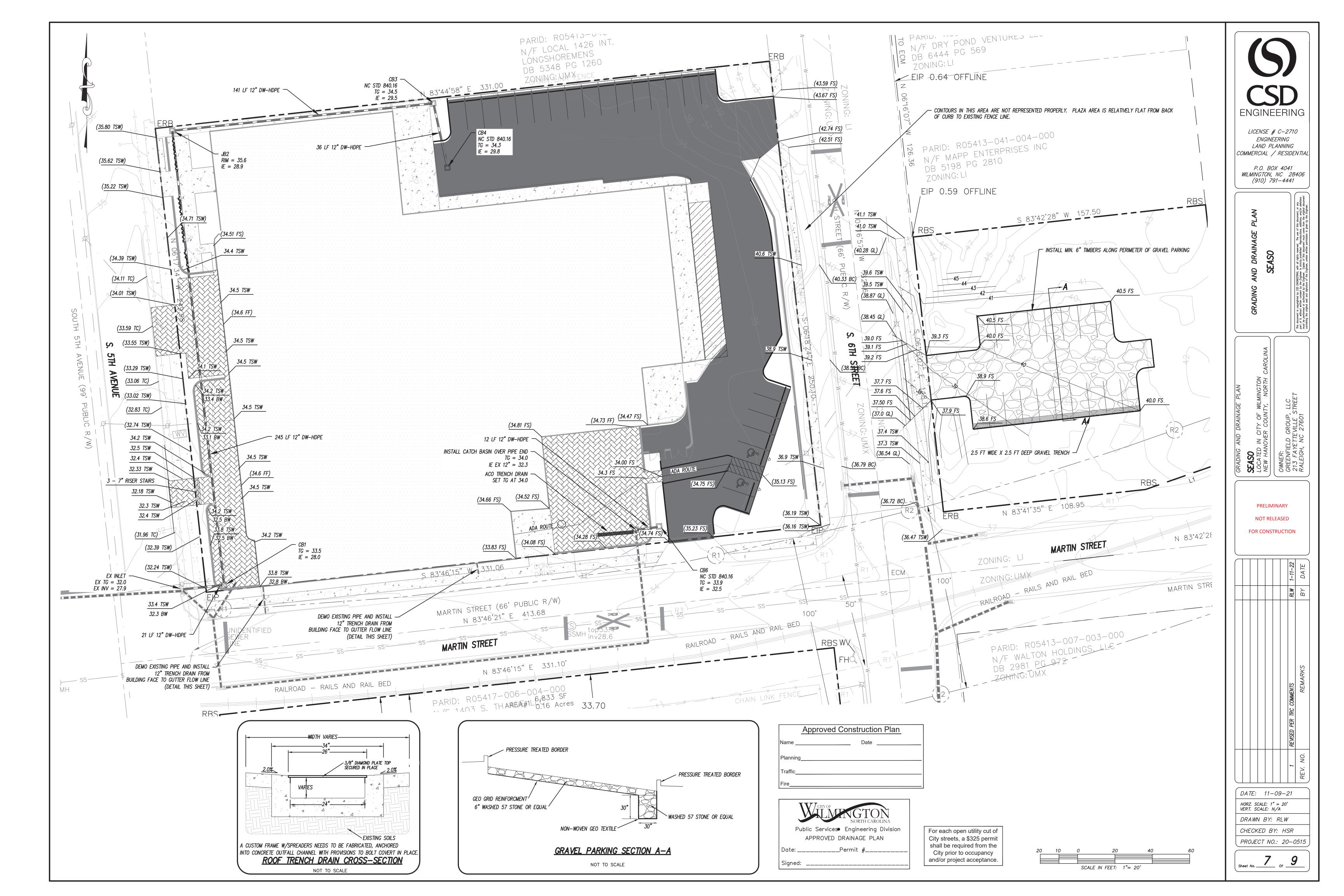
VERT. SCALE: N/A DRAWN BY: RLW CHECKED BY: HSR PROJECT NO.: 20-0515

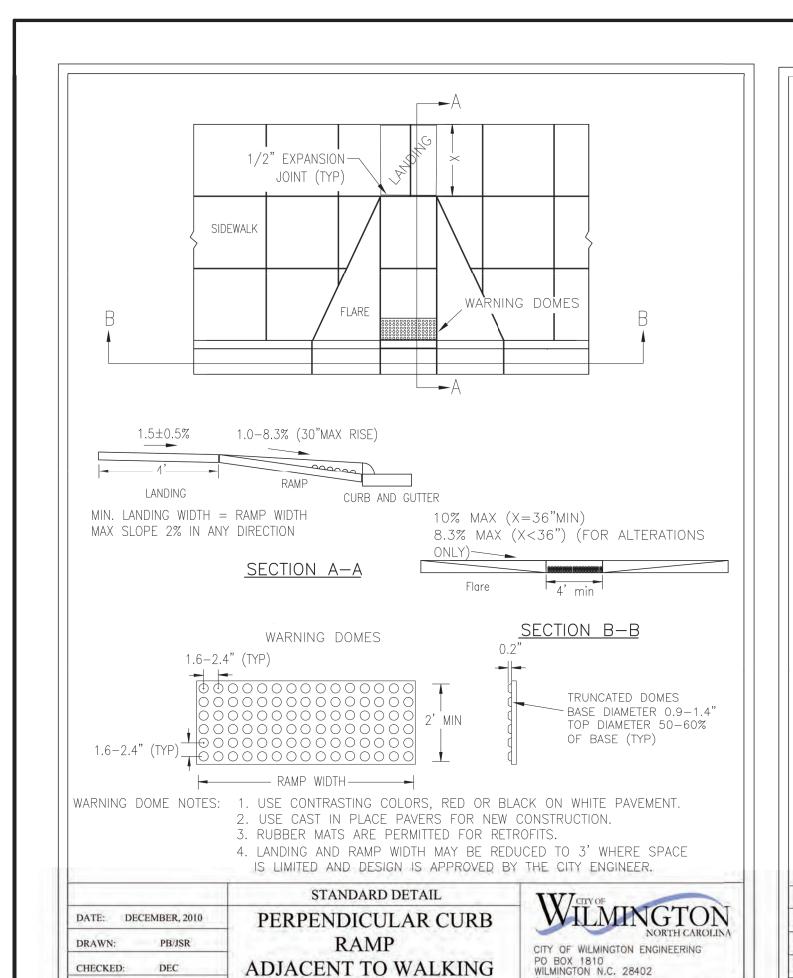
Sheet No. __







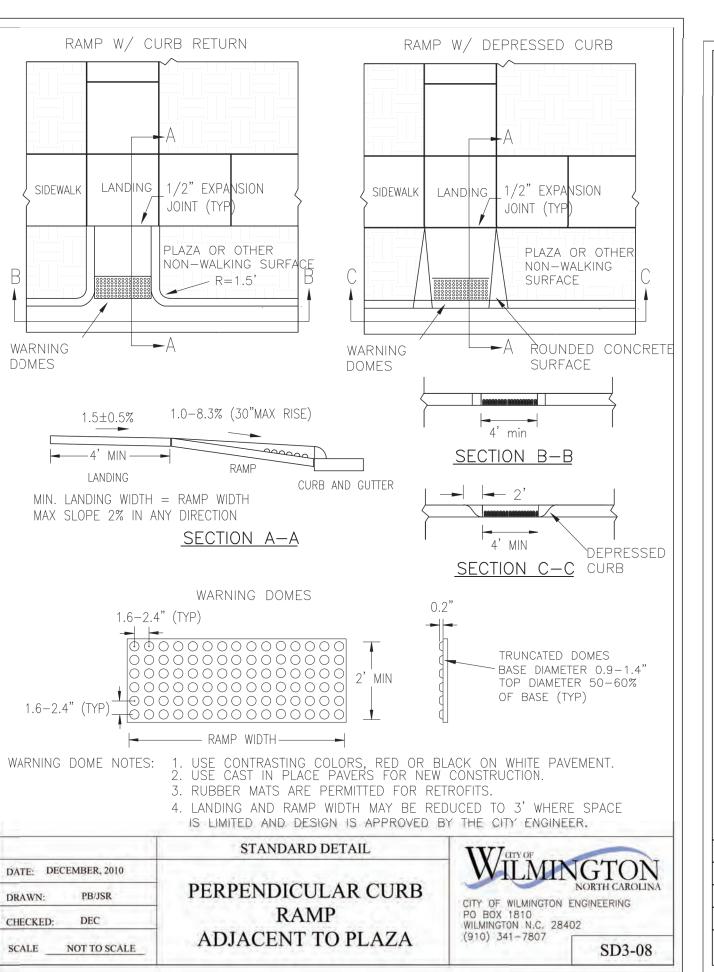


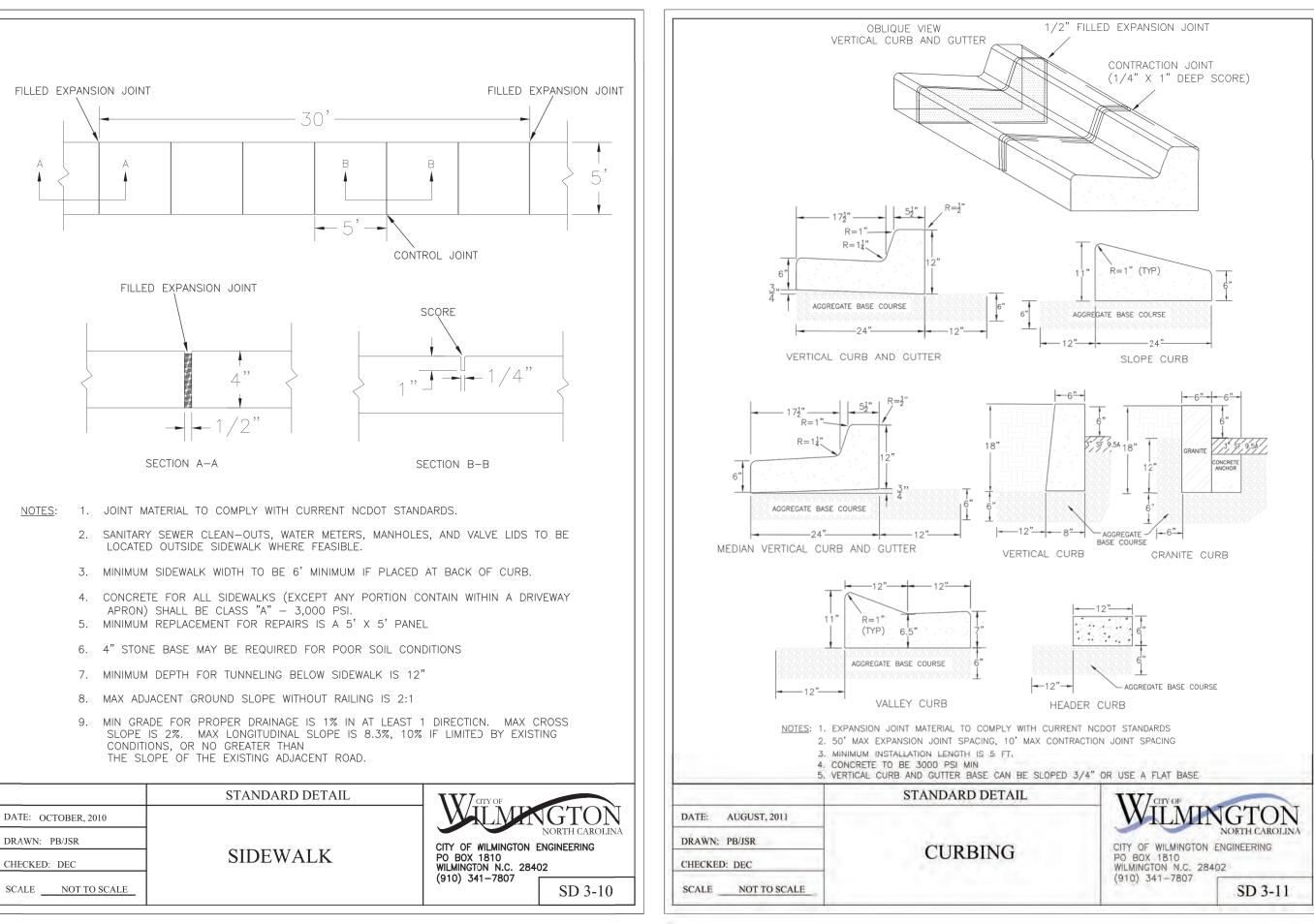


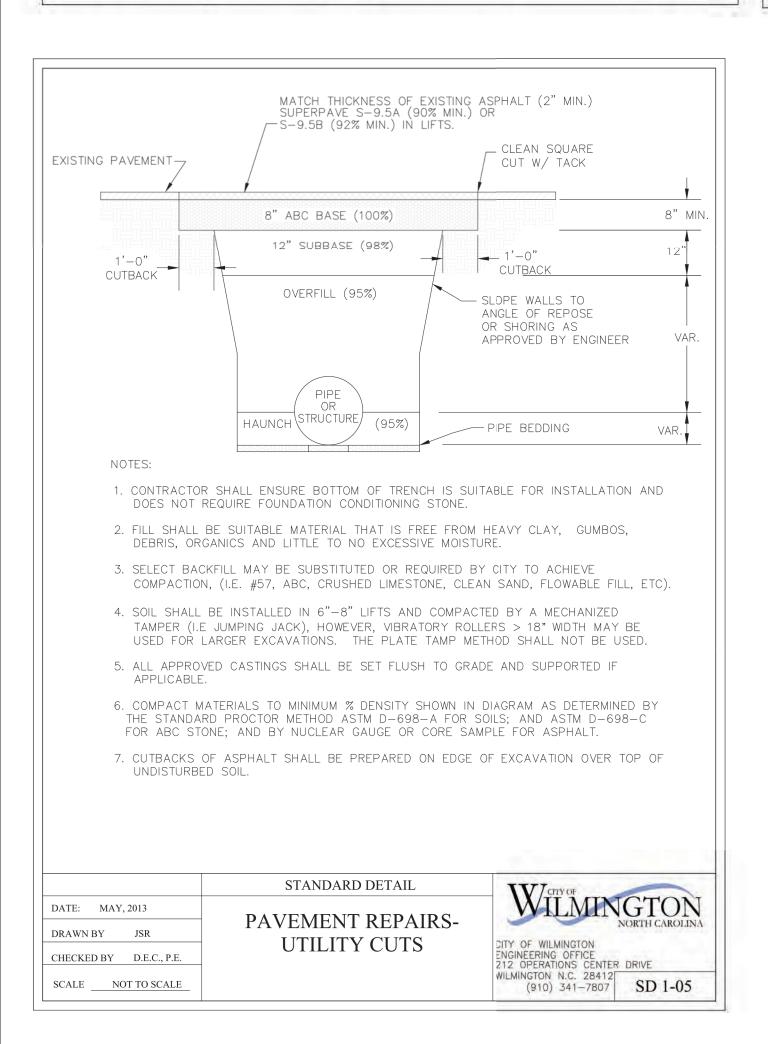
SURFACE

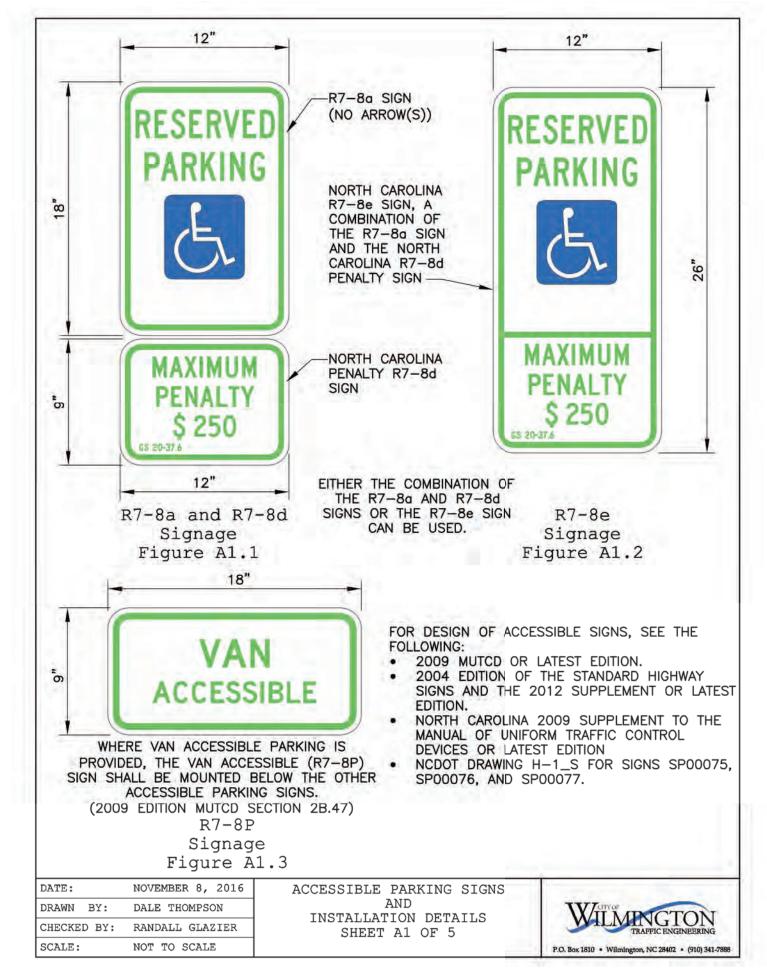
SD 3-07

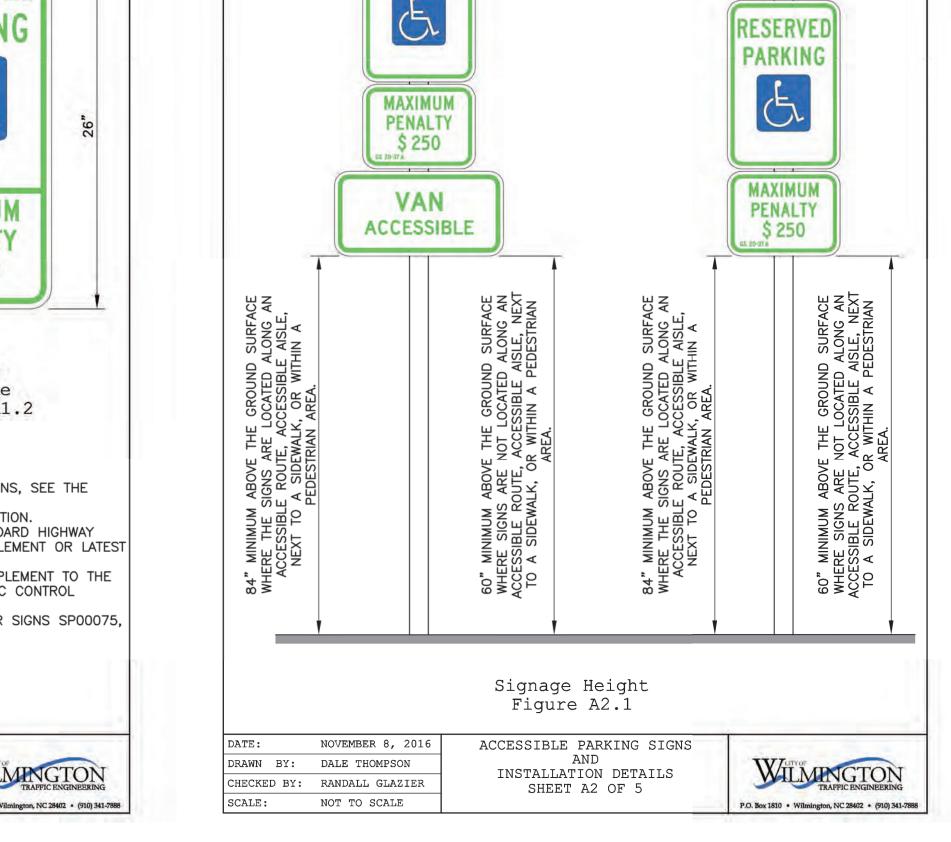
SCALE NOT TO SCALE

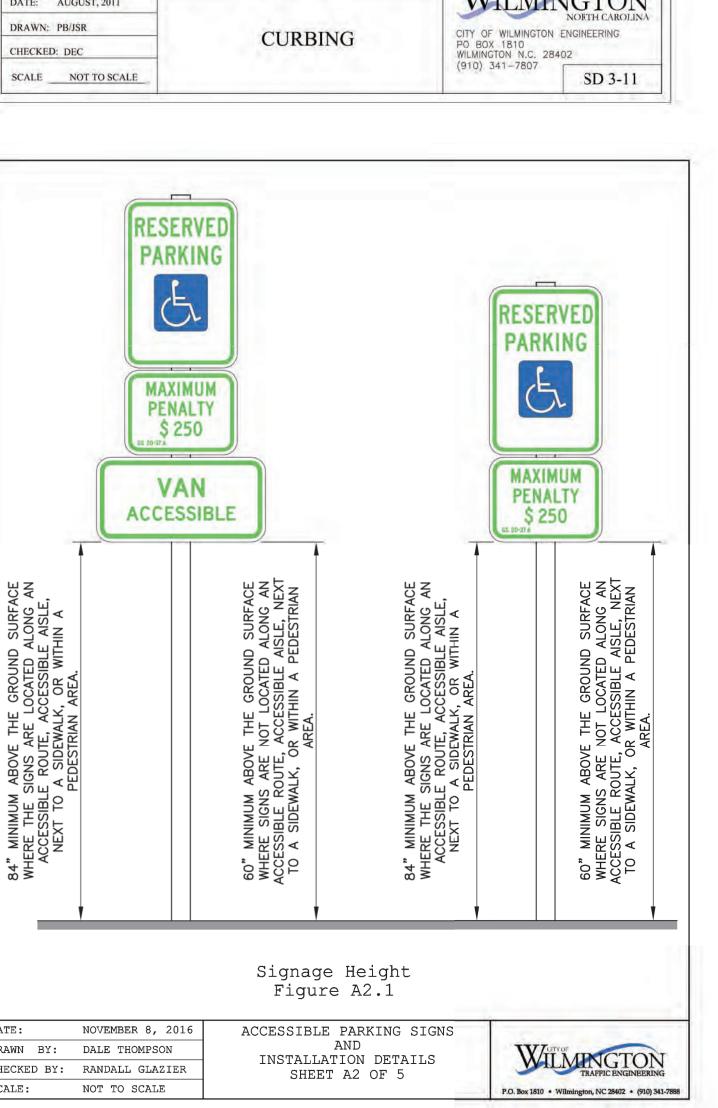


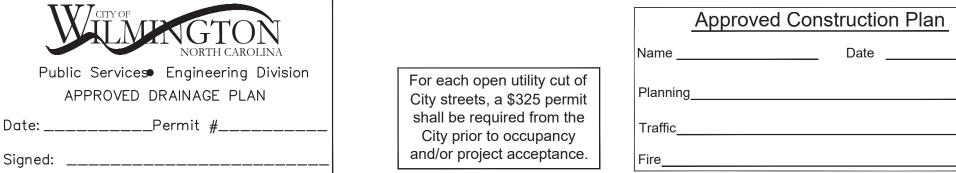






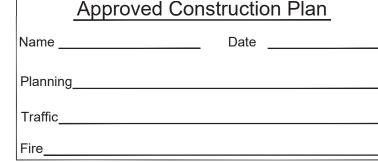






APPROVED DRAINAGE PLAN

Date: _____Permit #_____





LICENSE # C-2710 ENGINEERING LAND PLANNING COMMERCIAL / RESIDENTIAL

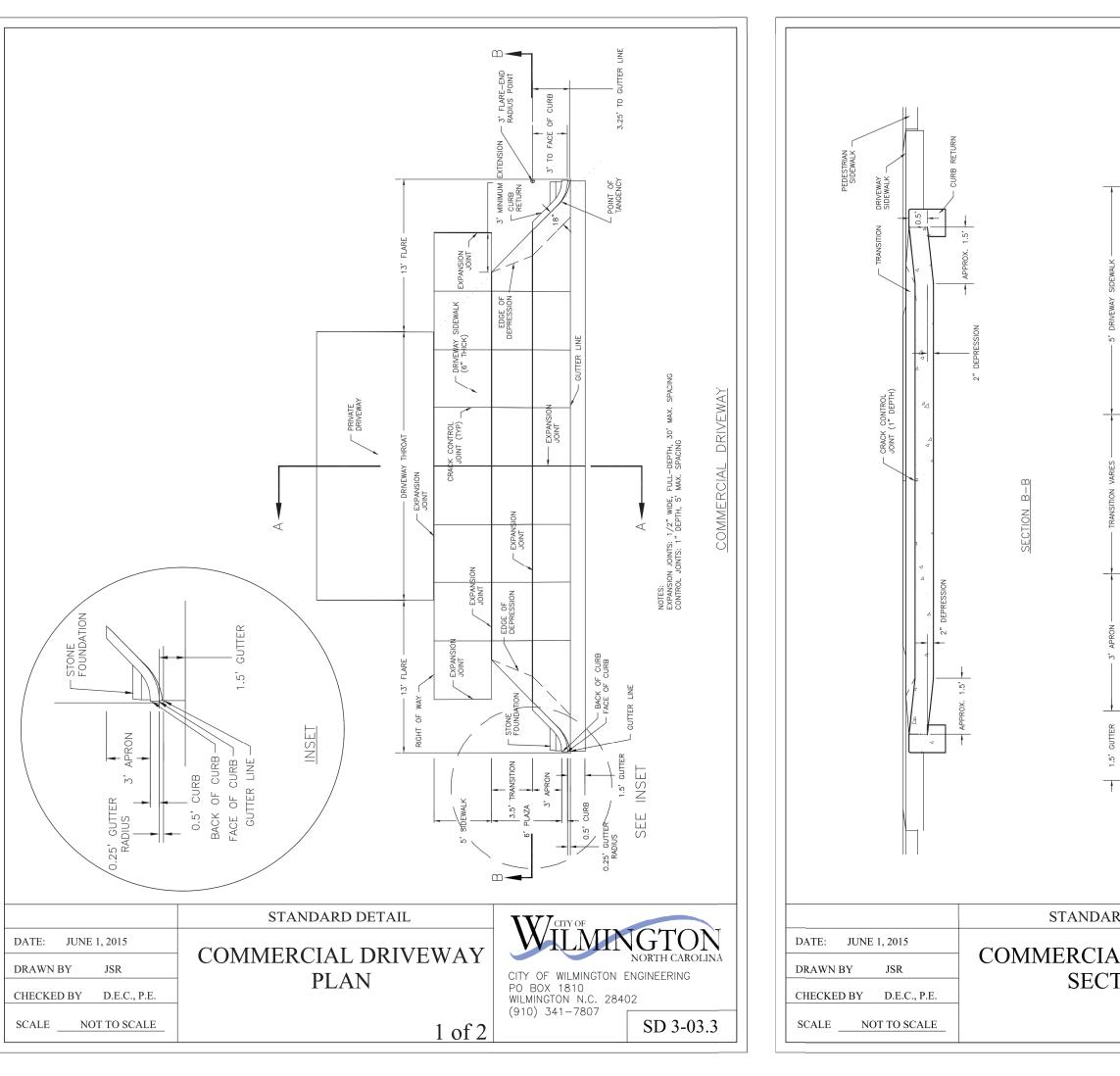
P.O. BOX 4041 WILMINGTON, NC 28406 (910) 791–4441

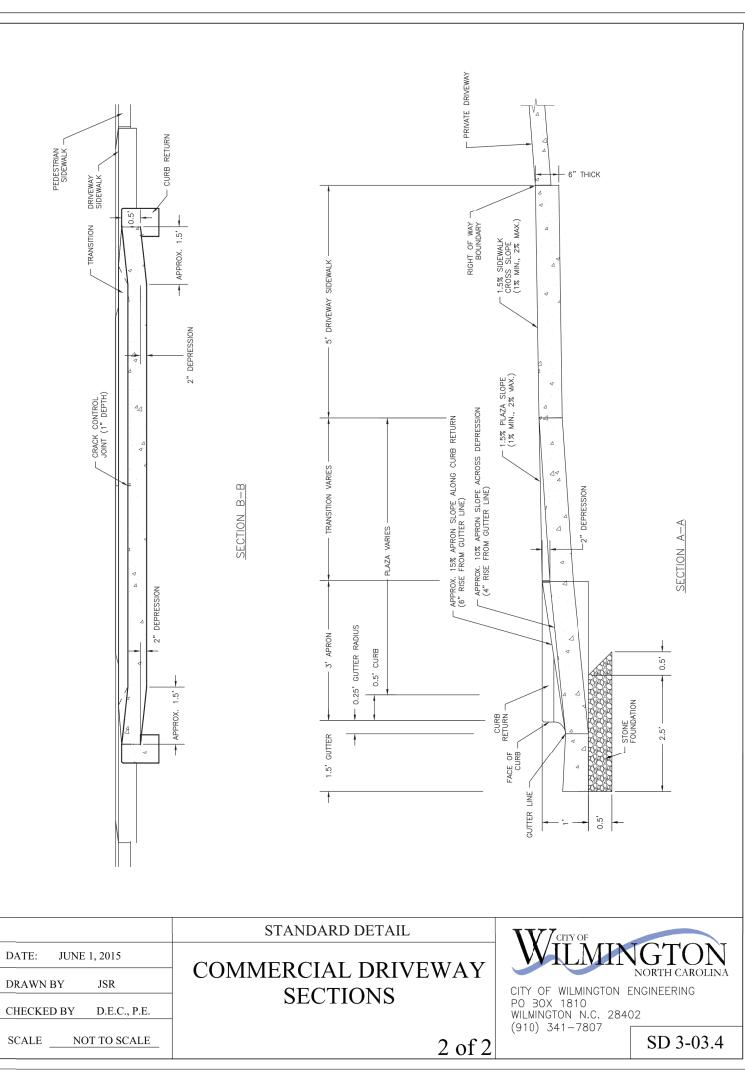
PRELIMINARY **NOT RELEASED** FOR CONSTRUCTION

							DATE
							ВУ
							REMARKS
							REV. NO.
) A 7	ΤΕ:	11-	-09	9-2	21	

HORZ. SCALE: N/A VERT. SCALE: N/A DRAWN BY: RLW CHECKED BY: HSR

PROJECT NO.: 20-0515







App	roved Cor	nstruction	Pla
Name		Date _	
Planning			
Traffic			
Fire			

For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

				DATE
				ВУ
				REMARKS
	DA	TE:	11-0	REV. NO.
n Dian	HOI VER	Z. SCA T. SCA	ALE: N// ALE: N/	1 /A
n Plan	_		BY:	
				: HSR : 20-0515
				of _9_

CSDENGINEERING

LICENSE # C-2710
ENGINEERING
LAND PLANNING
COMMERCIAL / RESIDENTIAL

P.O. BOX 4041 WILMINGTON, NC 28406 (910) 791–4441

SITE DETAILS for

SEASO

LOCATED IN CITY OF WILMIN
NEW HANOVER COUNTY, NC

OWNER:
GREENFIELD GROUP, LLC
213 FAYETTEVILLE STREET
RALEIGH, NC 27601

PRELIMINARY

NOT RELEASED

FOR CONSTRUCTION

