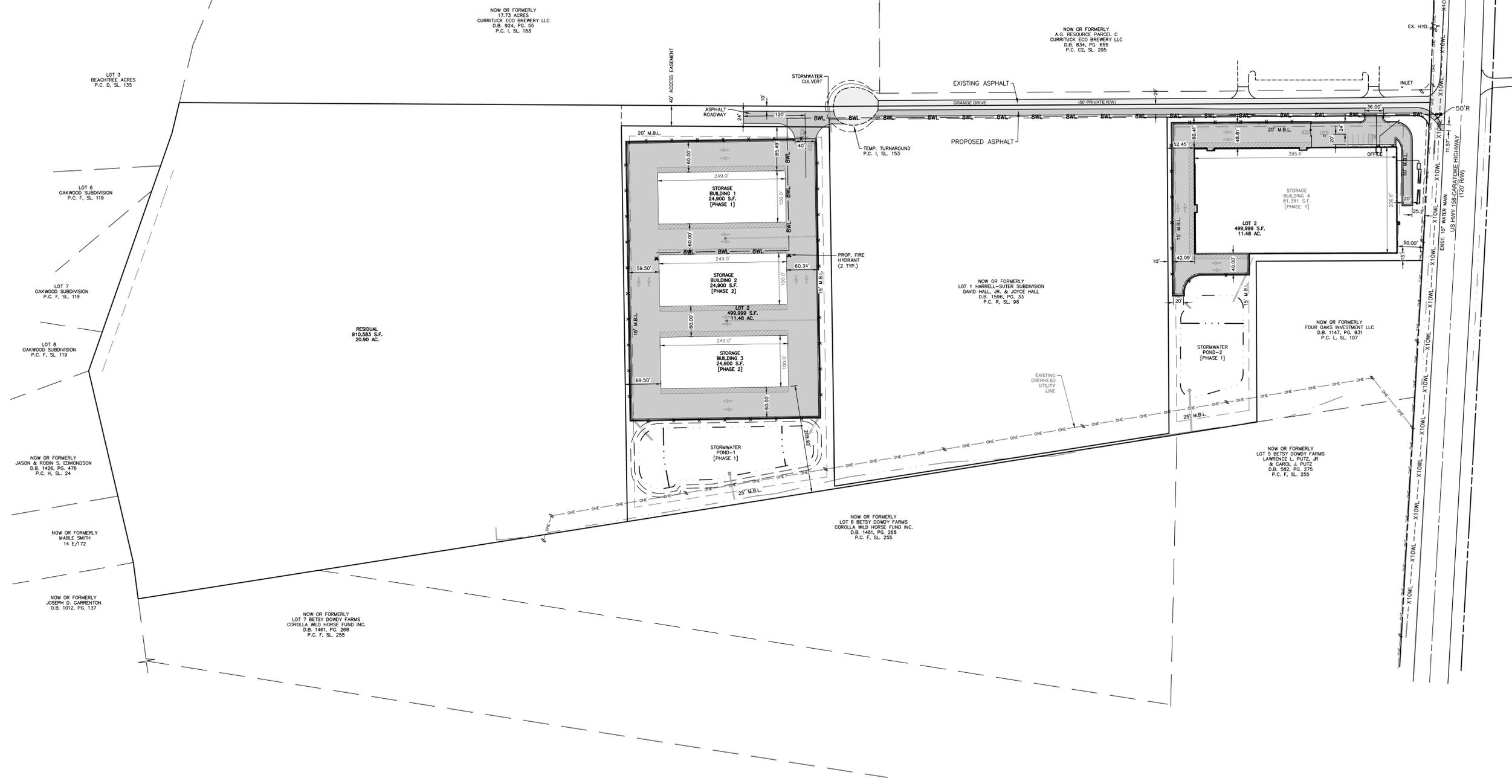
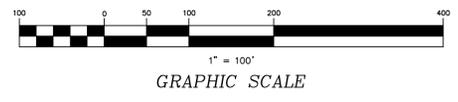






A:\Projects\22122012-SP - Pinnacle Storage Grandy - Construction\22012-SP.dwg 6/22/2012 9:39 AM User: Design\22012-SP.dwg



LOT 3  
 BEACHTREE ACRES  
 P.C. D, SL. 135

LOT 6  
 OAKWOOD SUBDIVISION  
 P.C. F, SL. 119

LOT 7  
 OAKWOOD SUBDIVISION  
 P.C. F, SL. 119

LOT 8  
 OAKWOOD SUBDIVISION  
 P.C. F, SL. 119

NOW OR FORMERLY  
 JASON & ROBIN S. EDMONDSON  
 D.B. 1426, PG. 476  
 P.C. H, SL. 24

NOW OR FORMERLY  
 MARLE SMITH  
 14 E/172

NOW OR FORMERLY  
 JOSEPH D. GARRENTON  
 D.B. 1012, PG. 137

NOW OR FORMERLY  
 LOT 7 BETSY DOWDY FARMS  
 COROLLA WILD HORSE FUND INC.  
 D.B. 1461, PG. 268  
 P.C. F, SL. 255

NOW OR FORMERLY  
 17.73 ACRES  
 CURRITUCK ECO BREWERY LLC  
 D.B. 924, PG. 16  
 P.C. I, SL. 153

NOW OR FORMERLY  
 A.G. RESOURCE PARCEL C  
 CURRITUCK ECO BREWERY LLC  
 D.B. 834, PG. 655  
 P.C. C2, SL. 295

NOW OR FORMERLY  
 LOT 1 HARRELL-SUTER SUBDIVISION  
 DAVID HALL, JR. & JOYCE HALL  
 D.B. 1596, PG. 33  
 P.C. R, SL. 96

NOW OR FORMERLY  
 LOT 6 BETSY DOWDY FARMS  
 COROLLA WILD HORSE FUND INC.  
 D.B. 1461, PG. 268  
 P.C. F, SL. 255

NOW OR FORMERLY  
 LOT 5 BETSY DOWDY FARMS  
 LAWRENCE L. PUTZ, JR.  
 & CAROL J. PUTZ  
 D.B. 982, PG. 276  
 P.C. F, SL. 255

NOW OR FORMERLY  
 FOUR OAKS INVESTMENT LLC  
 D.B. 1147, PG. 331  
 P.C. L, SL. 107

LOT 2  
 490,999 S.F.  
 11.48 AC.  
 [PHASE 1]

STORAGE BUILDING 1  
 24,900 S.F.  
 [PHASE 1]

STORAGE BUILDING 2  
 24,900 S.F.  
 [PHASE 2]

STORAGE BUILDING 3  
 24,900 S.F.  
 [PHASE 2]

STORAGE BUILDING 4  
 81,391 S.F.  
 [PHASE 1]

**BISSELL**  
 PROFESSIONAL GROUP  
 Engineers, Planners, Surveyors  
 and Environmental Specialists

**DEVELOPMENT OVERVIEW PLAN**  
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**PINNACLE STORAGE GRANDY**  
 NORTH CAROLINA  
 GRANDY TOWNSHIP  
 CURRITUCK COUNTY  
**COMMERCIAL SITE DEVELOPMENT PLAN**

NO.	DATE	DESCRIPTION



DATE: 11-01-22  
 SCALE: 1" = 100'  
 DESIGNED: BPG  
 CHECKED: DMK  
 DRAWN: BLR  
 APPROVED: BPG  
 SHEET: 3 OF 19  
 CAD FILE: 22012-SP  
 PROJECT NO: 4788











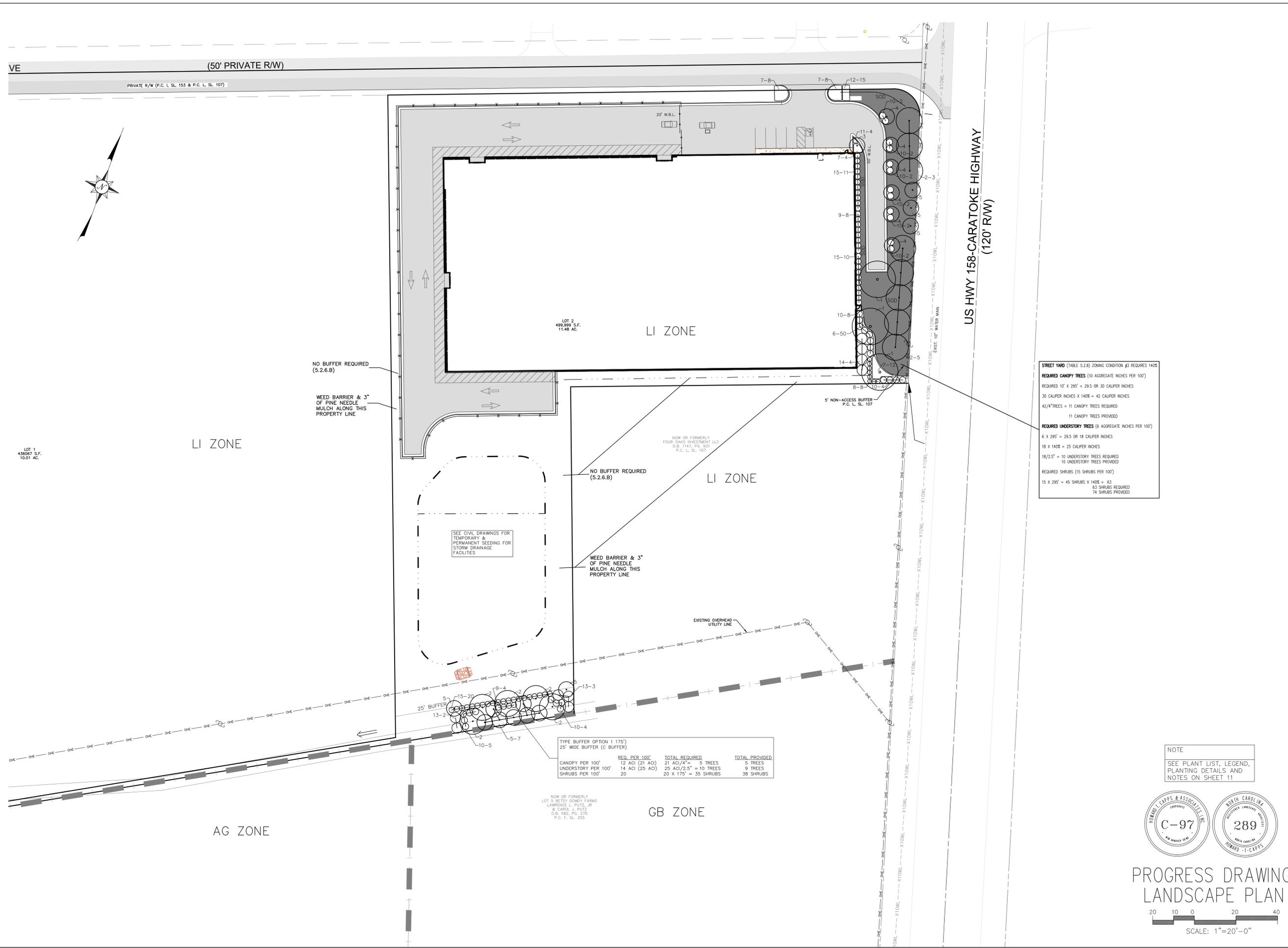


REVISIONS	DATE

**H T C A**  
**Howard T. Capps & Associates, Inc.**  
*Land Planning Landscape Architecture*  
 464 Oblander Drive, Suite 100  
 Wilmington, North Carolina 28403  
 Phone: (910) 264-1998

Pinnacle Storage Grandy  
 Grandy Township  
 Currituck County, N.C.

DESIGNED: H. Capps  
 DRAWN: R. Capps  
 DATE: 5-18-2023  
 SCALE: 1"=40'  
 JOB NO.: 484-0223  
 SHEET  
 10  
 OF SHEETS



REVISIONS	DATE

**H T C A**  
**Howard T. Capps & Associates, Inc.**  
*Land Planning & Landscape Architecture*  
 464 Obsolete Drive, Suite 102  
 Wilmington, North Carolina 28403  
 Phone: (910) 264-1898

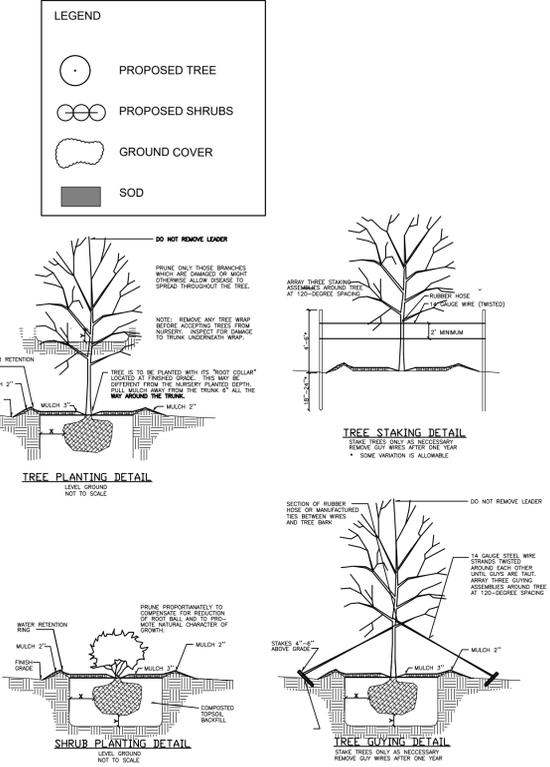
**Pinnacle Storage Grandy**  
 Grandy Township  
 Currituck County, N.C.

DESIGNED: H. Capps	DRAWN: R. Capps
DATE : 5-18-2023	SCALE : 1"=40'
JOB NO. : 484-0223	SHEET 11
OF	SHEETS

**PINNACLE GRANDY PLANT LIST**

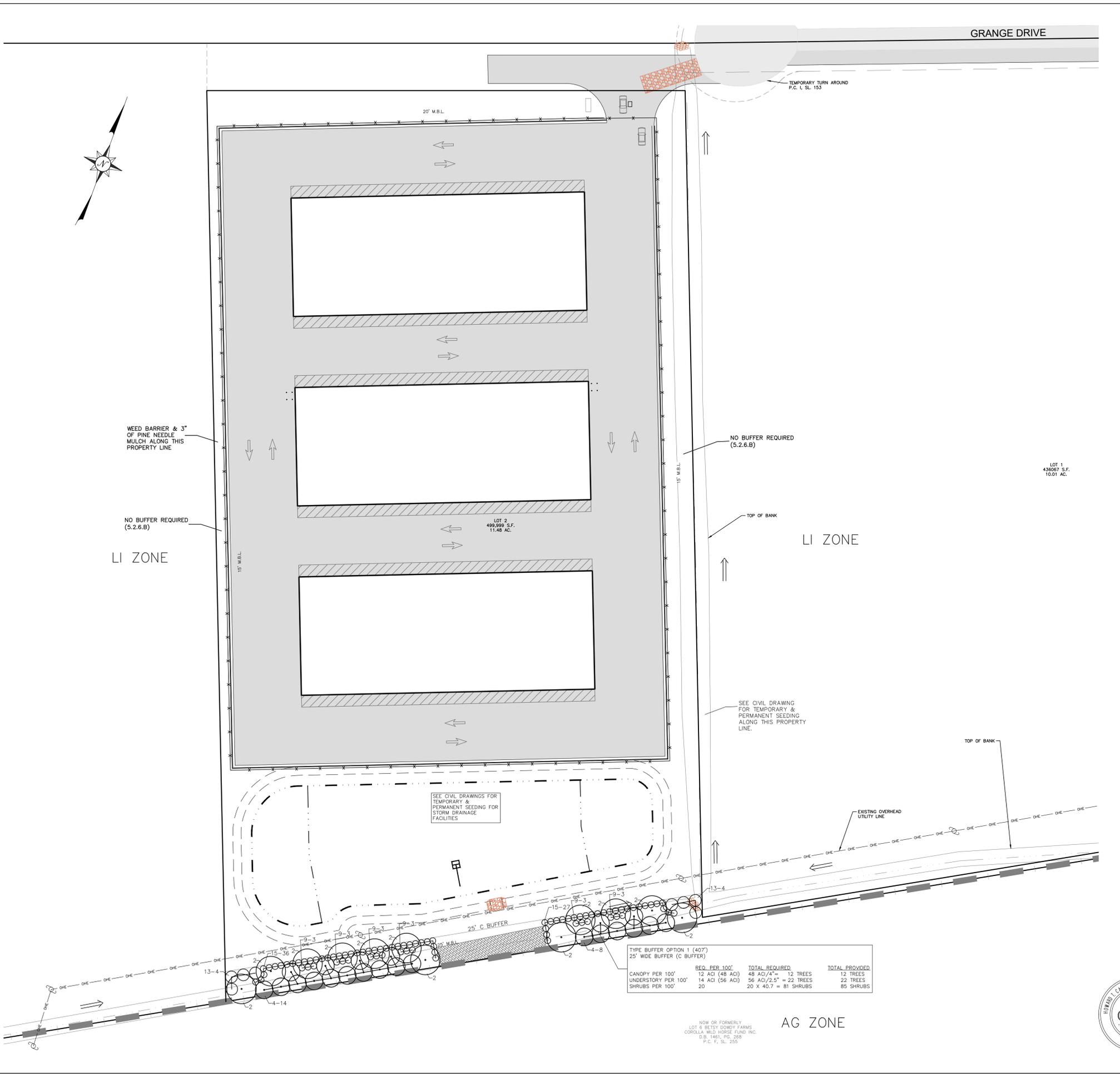
KEY NO.	QUANTITY	BOTANICAL NAME	COMMON NAME	ROOT	GAL.	HT.	REMARKS
<b>CANOPY TREES</b>							
1	3	QUERCUS PHELLOS	WILLOW OAK	WB	4"	8' - 10'	
2	15	PISTACHIA CHINENSIS	CHINESE PISTACHIO	WB	4"	8'-0"	
<b>UNDERSTORY TREES</b>							
3	1	ACER PALMATUM	JAPANESE MAPLE	25 GAL.	2 1/2"		BLOODGOOD
4	28	LAGERSTROEMIA INDICA	CREPE MYRTLE	WB	2 1/2"		MULTI-STEM MUSKOGEE
5	17	LAGERSTROEMIA INDICA	CREPE MYRTLE	WB	2 1/2"		BLANDFORD MANDERING MUSKOGEE
<b>GROUND COVER</b>							
6	50	LIRIOPE MUSCARI	LILY TURF	1 GAL.			1" O.C. SUBER BLUE
7	32	JUNIPERUS EXPANSA	PARSONS JUNIPER	3 GAL.			5" O.C.
<b>SMALL SHRUBS</b>							
8	8	ILEX VOMITORIA NANA	DWARF YALPON	3 GAL.		12" Ø PLANTING	4" O.C.
9	30	HYDRANGEA MACROPHYLLA	BIG LEAF HYDRANGEA	3 GAL.			5" O.C. BLUE WAVE
10	31	AZALEA INDICA	INDIAN AZALEA	7 GAL.		3" Ø PLANTING	8" O.C. FORMOSA
11	4	MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	3 GAL.			2" O.C.
12	15	PENNISETUM ALPECUROIDES	DWARF FOUNTAIN GRASS	3 GAL.			3" O.C.
<b>LARGER SHRUBS/FLOWERING/COLOR/SCREEN</b>							
13	9	ILEX NELLIE STEVENS	NELLIE STEVENS HOLLY	15 GAL.			10" O.C.
14	4	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	WB	12" - 14"		10" O.C.
15	104	RUBY LOROPETALUM	CHINESE FRINGE FLOWER	7 GAL.		3" Ø PLANTING	5" O.C.

**NOTES TO CONTRACTOR:**  
 The key number refers to the Plant List. Where there is only one number, it is the key number and the quantity is one. Where there are two numbers connected by a dash, the first is the key number and the second is the quantity required for the planting bed indicated.  
 BAG = Bag and Burlap  
 WB = Wire Basket  
 Cont. = Container grown  
 Gal. = Gallon  
 All plant bed areas shall be covered in 3" of pine needle mulch unless otherwise noted on plan.  
**INSTALL STAR-GREEN PROFESSIONAL WEED BARRIER IN FOUNDATION PLANT BED**  
**FOLLOWING MANUFACTURER INSTRUCTIONS. INSTALL THIS MATERIAL WITH 3" OF RIVER WASH STONE WITHIN 3" OF FDC ON BUILDING AND FIRE HYDRANT. ALSO INSTALL IN ALL PLANT BED AREAS AND IN ALL AREAS CALLING FOR 3" PINE NEEDLE MULCH.**  
 PLANT CENTPEDE SOD IN ALL DISTURBED AREAS ON PLAN & NOT NOTED FOR PINE NEEDLE MULCH, PLANT BEDS OR STORM DRAINAGE FACILITIES.  
 THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND FLAGGING ALL UNDERGROUND UTILITIES PRIOR TO PROCEEDING WITH ANY EXCAVATION WORK. IF ANY DAMAGE IS DONE TO EXISTING OR NEW UTILITIES, ALL NECESSARY REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH NO COST TO THE OWNER.  
**CALL 1-800-632-4849 TO LOCATE UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION.**  
 GAS LINES MAY BE LOCATED ON SITE. CONTRACTOR TO VERIFY WITH OWNER OR OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH ANY EXCAVATION.  
 STREET YARD GRASS OR OTHER PLANT MATERIAL. CONTRACTOR TO REMOVE ANY EXISTING GRASS OR PLANTS. SMOOTH AREA PRIOR TO INSTALLING NEW SHRUBS, TREES & GROUND COVER.  
 LANDSCAPE CONTRACTOR SHALL MAINTAIN ALL TREES, SHRUBS, GROUND COVER AND LAWN AREAS BY WATERING AS REQUIRED FOR A PERIOD OF ONE YEAR FOLLOWING INSPECTION AND ACCEPTANCE OF PLANT MATERIAL. CONTRACTOR TO REPLACE ANY DEAD OR DYING TREES OR SHRUBS WHEN OBSERVED AND PRIOR TO END OF 1 YEAR MAINTENANCE PERIOD.  
 THE PLANT QUANTITIES SHOWN ON THE PLANT LIST ARE PROVIDED AS A CONVENIENCE TO THE CONTRACTOR. IN THE EVENT THERE IS A DIFFERENCE IN QUANTITY BETWEEN PLANT QUANTITIES IN THE PLANT LIST AND PLANT QUANTITIES ON THE PLAN, THE CONTRACTOR SHALL USE THE QUANTITY SHOWN ON THE PLAN. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY QUANTITY DIFFERENCE.  
 SOURCE FOR DWARF FOUNTAIN GRASS BAKER ENVIRONMENTAL NURSERY AT 1-866-814-9118



TYPE BUFFER OPTION 1 (40'7")  
 25' WIDE BUFFER (C BUFFER)

	REQ. PER 100'	TOTAL REQUIRED	TOTAL PROVIDED
CANOPY PER 100'	12 ACI (48 ACI)	48 ACI/4" = 12 TREES	12 TREES
UNDERSTORY PER 100'	14 ACI (56 ACI)	56 ACI/2.5" = 22 TREES	22 TREES
SHRUBS PER 100'	20	20 X 40.7 = 81 SHRUBS	85 SHRUBS



**PROGRESS DRAWING**  
**LANDSCAPE PLAN**  
 SCALE: 1"=40'-0"

# LIGHTING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER/SERIES	NOM. SIZE	TEMP(°K)	LAMPS	VOLTS	DELIVERED LUMENS	WATTS	COLOR	MOUNTING HEIGHT	BALLAST/ DRIVER	REMARKS
F1	WALL MOUNTED EXTERIOR LED	HUBBELL SG SERIES OR APPROVED EQUAL	N/A	4000	LEDs	120	2263	21	DARK BRONZE	REFER TO PLANS	LED DRIVER	
G1	WALL MOUNTED EXTERIOR LED FIXTURE WITH EMERGENCY 90 MINUTE BATTERY	HUBBELL COMPASS CUSO OR APPROVED EQUAL	N/A	4000	LEDs	120	1600 AC 600 EM	17	DARK BRONZE	REFER TO PLANS	LED DRIVER	

## STATISTICS

DESCRIPTION	AVG.	MAX.	MIN.	AVG/MIN.
FRONT PROPERTY LINE	0.0 FC	0.0 FC	0.0 FC	N/A
REAR PROPERTY LINE	0.0 FC	0.0 FC	0.0 FC	N/A
FRONT PARKING AREA	0.6 FC	6.9 FC	0.0 FC	N/A
REAR PARKING AREA	0.8 FC	4.9 FC	0.0 FC	N/A

06/20/2023	DATE
0	ISSUED FOR REVIEW
0	REVISION
0	REVISIONS

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2246 Yaupon Drive  
Wilmington, NC 28401  
Phone: 910.791.4000  
Fax: 910.791.5266  
www.cbhfc.com  
NCE# P-0506



**PINNACLE CURRITUCK SELF-STORAGE FACILITY**  
ROBERT HIGH DEVELOPMENT  
6825 CARATOKE HIGHWAY GRANDY, NC

**ELECTRICAL SCHEDULE, LIGHTING CUTSHEETS, AND STATISTICS**

JOB NO:	CBHF: 22190 RHD:22-0003
DRAWN:	RDD
DESIGNED:	RDD
CHECKED:	JPF

DRAWING NO:  
**ES001**

REVISION:  
0

### SLING Series

SLENDER WALLPACK

**FEATURES**

- Two sizes for a variety of applications
- Ranges from 2W to 80W with up to 8000 lumens
- SG1 Series replaces from 100W-150W HID; SG2 Series replaces from 150W-250W HID
- Comfort lens available as an option or accessory provides glare control and enhanced uniformity
- Knuckle and transition accessory mounting kits available for flood applications
- IP65 and certified to UL 1598 for use in wet locations up to 40°C ambient
- DLC (DesignLights Consortium) Qualified - see www.designlights.org

**RELATED PRODUCTS**

- LNC Litepak
- LNC2 Litepak
- LNC3 Litepak
- LNC4 Litepak
- GeoPak
- GeoPak2

**SPECIFICATIONS**

**HOUSING**

- Rugged die-cast aluminum housing with corrosion resistant powder coat finish
- Heating dissipating fins provide superior thermal performance extending the life of the electronic components
- Impact resistant tempered glass offers zero uplift
- Comfort lens available as an option or accessory to reduce glare (7-10% lumen reduction) and provide better uniformity

**OPTICS**

- 3000K, 4000K and 5000K CCT nominal with 70 CRI
- Smaller SG1 housing has 2 LEDs, larger SG2 housing has 3 LEDs

**INSTALLATION**

- Side hinge allows for easy installation and wiring
- Side movement avoids damage to the lens and helps prevent injury common in drop down hinge designs
- Mounts to 4" junction box and includes a gasket to help seal electrical connections
- Four 1/2" threaded conduits hubs for surface conduit provided

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_

TYPE: **F1** PROJECT: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

tradeSELECT

**ORDERING GUIDE**

Housing	CCT/CRI	Distribution	Voltage	Color/Finish	Control Options	Options
SG1-10	3K 3000K 70 CRI	F1 Fast-Trace	120V 120V	ULV 50/277V	PCU Universal Button Photocontrol (0-277V)	CS Comfort Lens
SG1-20	4K 4000K 70 CRI		277 277V	DBL Dark Bronze Matte Textured	SCP <sup>2</sup> Occupancy Sensor Programmable (0-277V)	B <sup>2</sup> Battery 0°C
SG1-40	5K 5000K 70 CRI		347V 480V	DBS Dark Bronze Gloss Smooth	SWP <sup>2</sup> StateSync Pre-commission	BH <sup>2</sup> Battery w/ heater -20°
SG2-50	5K 5000K 70 CRI			GTT Graphite Matte Textured	SWPM <sup>2</sup> StateSync Pre-commission w/ Sensor	
SG2-80	5K 5000K 70 CRI			LGS Light Grey Gloss Smooth	Specify MTO HT for SCC/SCP & SWPM	
				PSS Platinum Silver Smooth	BF Up to 8'	
				WHT White Matte Textured	20F Up to 20'	
				WHS White Gloss Smooth		
				VGT Verde Green Textured		
				Color Option		
				CC Custom Color		

**STOCK ORDERING INFORMATION**

Catalog Number	CCT/CRI	Wattage	Mounting Height	Color	Color	Delivered Lumens	LPW	Weight lbs. (kg)
SG1-10-PCU	5000K/70	11W	8'-12"	120-277V	Dark Bronze	1949	122	4.3 (2.0)
SG1-20-PCU	4000K/70	11W	8'-12"	120-277V	Dark Bronze	1424	129	4.3 (2.0)
SG1-20-PCU	5000K/70	21W	8'-12"	120-277V	Dark Bronze	2263	108	4.3 (2.0)
SG1-40-PCU	4000K/70	21W	8'-12"	120-277V	Dark Bronze	2390	110	4.3 (2.0)
SG1-30-PCU	5000K/70	29W	10'-15"	120-277V	Dark Bronze	3270	113	4.3 (2.0)
SG1-30-4K-PCU	4000K/70	29W	10'-15"	120-277V	Dark Bronze	3060	105	4.3 (2.0)
SG1-40-4K-PCU	4000K/70	38W	10'-15"	120-277V	Dark Bronze	4008	105	4.3 (2.0)
SG1-40-4K-PCU	4000K/70	38W	10'-15"	120-277V	Dark Bronze	4070	106	4.3 (2.0)
SG2-50-PCU	5000K/70	51W	12'-18"	120-277V	Dark Bronze	5548	109	11 (5.0)
SG2-50-4K-PCU	4000K/70	51W	12'-18"	120-277V	Dark Bronze	5526	109	11 (5.0)
SG2-80-PCU	5000K/70	80W	15'-25"	120-277V	Dark Bronze	8061	101	11 (5.0)
SG2-80-4K-PCU	4000K/70	80W	15'-25"	120-277V	Dark Bronze	8079	101	11 (5.0)

**KEY DATA**

Lumen Range	2263-8079
Wattage Range	21-80
Efficacy Range (LPW)	101-113
Fixture Projected Life (Hours)	170-50K
Weights lbs. (kg)	4.3-11 (2.0-5.0)

Page 18 Rev. 11/17/20  
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701 Millennium Blvd • Greenville, SC 29607 | Tel: 864.678.1000 | Website: www.hubbelloutdoor.com

### SLING SERIES

SLENDER WALLPACK

**ORDERING GUIDE**

CATALOG # \_\_\_\_\_

tradeSELECT

**ORDERING INFORMATION**

Housing	CCT/CRI	Distribution	Voltage	Color/Finish	Control Options	Options
SG1-10	3K 3000K 70 CRI	F1 Fast-Trace	120V 120V	ULV 50/277V	PCU Universal Button Photocontrol (0-277V)	CS Comfort Lens
SG1-20	4K 4000K 70 CRI		277 277V	DBL Dark Bronze Matte Textured	SCP <sup>2</sup> Occupancy Sensor Programmable (0-277V)	B <sup>2</sup> Battery 0°C
SG1-40	5K 5000K 70 CRI		347V 480V	DBS Dark Bronze Gloss Smooth	SWP <sup>2</sup> StateSync Pre-commission	BH <sup>2</sup> Battery w/ heater -20°
SG2-50	5K 5000K 70 CRI			GTT Graphite Matte Textured	SWPM <sup>2</sup> StateSync Pre-commission w/ Sensor	
SG2-80	5K 5000K 70 CRI			LGS Light Grey Gloss Smooth	Specify MTO HT for SCC/SCP & SWPM	
				PSS Platinum Silver Smooth	BF Up to 8'	
				WHT White Matte Textured	20F Up to 20'	
				WHS White Gloss Smooth		
				VGT Verde Green Textured		
				Color Option		
				CC Custom Color		

**STOCK ORDERING INFORMATION**

Catalog Number	CCT/CRI	Wattage	Mounting Height	Color	Color	Delivered Lumens	LPW	Weight lbs. (kg)
SG1-10-PCU	5000K/70	11W	8'-12"	120-277V	Dark Bronze	1949	122	4.3 (2.0)
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SG1-20-PCU	5000K/70	21W	8'-12"	120-277V	Dark Bronze	2263	108	4.3 (2.0)
SG1-40-PCU	4000K/70	21W	8'-12"	120-277V	Dark Bronze	2390	110	4.3 (2.0)
SG1-30-PCU	5000K/70	29W	10'-15"	120-277V	Dark Bronze	3270	113	4.3 (2.0)
SG1-30-4K-PCU	4000K/70	29W	10'-15"	120-277V	Dark Bronze	3060	105	4.3 (2.0)
SG1-40-4K-PCU	4000K/70	38W	10'-15"	120-277V	Dark Bronze	4008	105	4.3 (2.0)
SG1-40-4K-PCU	4000K/70	38W	10'-15"	120-277V	Dark Bronze	4070	106	4.3 (2.0)
SG2-50-PCU	5000K/70	51W	12'-18"	120-277V	Dark Bronze	5548	109	11 (5.0)
SG2-50-4K-PCU	4000K/70	51W	12'-18"	120-277V	Dark Bronze	5526	109	11 (5.0)
SG2-80-PCU	5000K/70	80W	15'-25"	120-277V	Dark Bronze	8061	101	11 (5.0)
SG2-80-4K-PCU	4000K/70	80W	15'-25"	120-277V	Dark Bronze	8079	101	11 (5.0)

**KEY DATA**

Lumen Range	2263-8079
Wattage Range	21-80
Efficacy Range (LPW)	101-113
Fixture Projected Life (Hours)	170-50K
Weights lbs. (kg)	4.3-11 (2.0-5.0)

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_

TYPE: **F1** PROJECT: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

tradeSELECT

**ORDERING INFORMATION**

CATALOG # \_\_\_\_\_

Example: SG1-20-3K7-FV-UNV-DBT-PCU-CS

**ORDERING GUIDE**

CATALOG # \_\_\_\_\_

tradeSELECT

**ORDERING INFORMATION**

Catalog Number	Description
CUSO DB	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, Dark Bronze
CUSO DB-H	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, Dark Bronze, Heater
CUSO BK	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, Black
CUSO BK-H	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, Black, Heater
CUSO WH	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, White
CUSO WH-H	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, White, Heater
CUSO40B-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, Dark Bronze
CUSO40B-H-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, Dark Bronze, Heater
CUSO40K-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, Black
CUSO40K-H-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, Black, Heater
CUSO4WH-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, White
CUSO4WH-H-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, White, Heater

**ENERGY CONSUMPTION**

	Max.	Max. with Heater
120VAC, 60Hz	3.59W	3.40W
277VAC, 60Hz	3.59W	3.40W

**DIMENSIONS**

Single Carton Weight: 4 lbs.  
Master Carton Quantity: 6 each

Page 28 Rev. 11/17/20  
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### CUSO

SLIM LED AC/EMERGENCY OUTDOOR LIGHT

**FEATURES**

- Includes self-diagnostic/self-test feature to monitor proper operation
- Quick installation
- Universal 120-277VAC input, 60Hz
- Includes long-life 7.2V Nickel Cadmium battery for UL recognized 90 minute operation
- Full re-charge within 24 hours
- Provided with water-proof test switch and AC-On indicator
- 0°C to 50°C Standard Model, -25°C to 50°C with optional heater
- UL924 and Wet Location Listed

**SPECIFICATIONS**

**DESCRIPTION**

- The CUSO Series is an architectural, low-profile outdoor light, offering "normally On" AC and emergency lighting with powerful LED illumination
- The housing is fully sealed and gasketed, and has an IP65 rating
- Designed for wall mounting with universal K/O pattern in back-plate for easy installation to most standard size junction boxes
- Includes a single 1/2" NPT conduit entry in the top, center of the housing
- Illumination provided by 8 high power LEDs which achieve 1,600 lumens in AC and 600 lumens in emergency
- Available in 3000K or 4000K color temperature

**ORDERING GUIDE**

Catalog Number	Description
CUSO DB	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, Dark Bronze
CUSO DB-H	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, Dark Bronze, Heater
CUSO BK	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, Black
CUSO BK-H	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, Black, Heater
CUSO WH	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, White
CUSO WH-H	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, White, Heater
CUSO40B-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, Dark Bronze
CUSO40B-H-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, Dark Bronze, Heater
CUSO40K-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, Black
CUSO40K-H-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, Black, Heater
CUSO4WH-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, White
CUSO4WH-H-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, White, Heater

**ENERGY CONSUMPTION**

	Max.	Max. with Heater
120VAC, 60Hz	3.59W	3.40W
277VAC, 60Hz	3.59W	3.40W

**DIMENSIONS**

Single Carton Weight: 4 lbs.  
Master Carton Quantity: 6 each

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_

TYPE: **G1** PROJECT: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

tradeSELECT

**ORDERING INFORMATION**

CATALOG # \_\_\_\_\_

Example: SG1-20-3K7-FV-UNV-DBT-PCU-CS

**ORDERING GUIDE**

CATALOG # \_\_\_\_\_

tradeSELECT

**ORDERING INFORMATION**

Catalog Number	Description
CUSO DB	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, Dark Bronze
CUSO DB-H	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, Dark Bronze, Heater
CUSO BK	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, Black
CUSO BK-H	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, Black, Heater
CUSO WH	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, White
CUSO WH-H	Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag, White, Heater
CUSO40B-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, Dark Bronze
CUSO40B-H-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, Dark Bronze, Heater
CUSO40K-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, Black
CUSO40K-H-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, Black, Heater
CUSO4WH-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, White
CUSO4WH-H-ND	Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag, White, Heater

**ENERGY CONSUMPTION**

	Max.	Max. with Heater
120VAC, 60Hz	3.59W	3.40W
277VAC, 60Hz	3.59W	3.40W

**DIMENSIONS**

Single Carton Weight: 4 lbs.  
Master Carton Quantity: 6 each

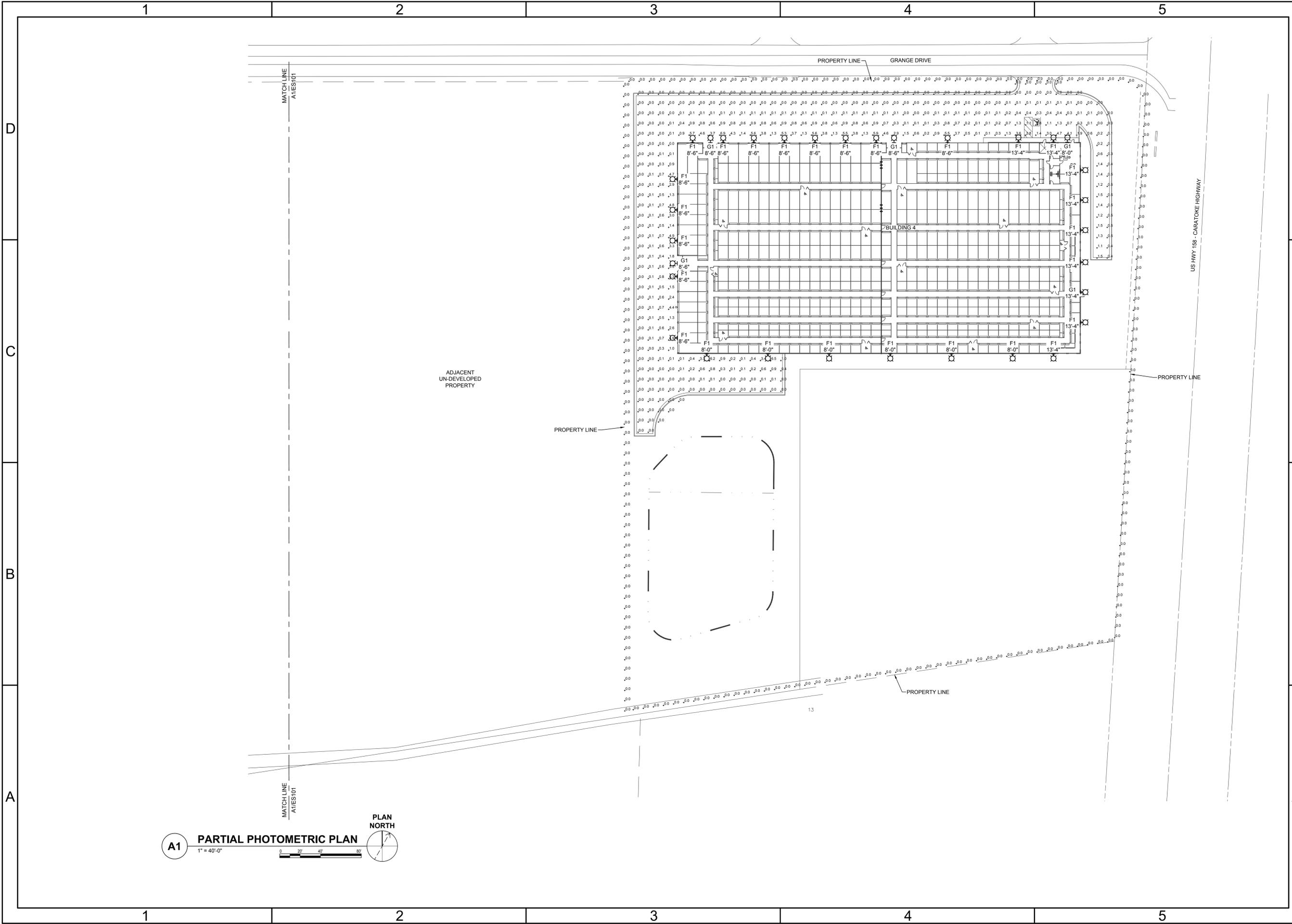
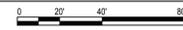
Page 19 Rev. 03/13/20  
COM\_CUSO\_SPIC © 2020 Compass, a division of Hubbell Lighting, Inc. Specifications subject to change without notice.  
701 Millennium Blvd • Greenville, SC 29607 | Tel: 864.678.1000 | Website: www.compasslightingproducts.com



A1

**PARTIAL PHOTOMETRIC PLAN**

1" = 40'-0"



ADJACENT UN-DEVELOPED PROPERTY

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Revision No. 0	ISSUED FOR REVIEW	06/20/2023
Revision No. 0	REVISIONS	Date

**CBHF**  
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NCE# P-0506

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PINNACLE CURRITUCK  
SELF-STORAGE FACILITY  
ROBERT HIGH DEVELOPEMENT  
6825 CARATOKE HIGHWAY GRANDY, NC

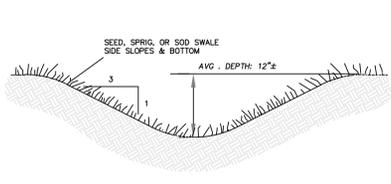
**ELECTRICAL  
PARTIAL PHOTOMETRIC PLAN**

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DRAWN: RRD	
DESIGNED: RRD	
CHECKED: JPF	

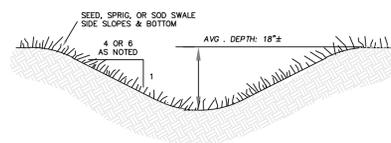
DRAWING NO:  
**ES102**

REVISION:  
0

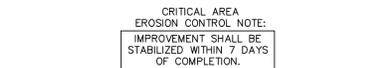




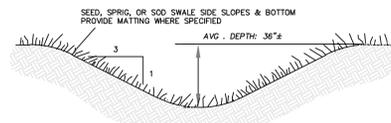
**TYPICAL WASTEWATER SWALE SECTION**  
NOT TO SCALE  
3:1(H:V) SIDE SLOPES  
LONGITUDINAL SLOPE: 0.001 FT/FT



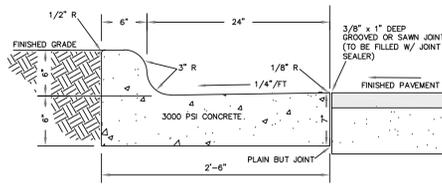
**TYPICAL PRIMARY SWALE SECTION**  
NOT TO SCALE



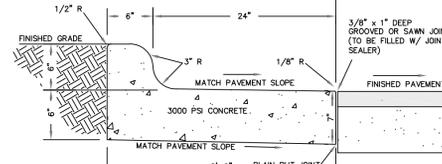
**TYPICAL OUTLET DITCH SECTION**  
NOT TO SCALE



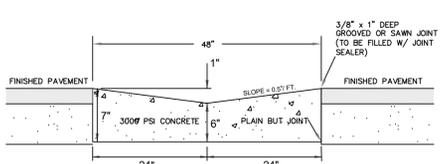
**TYPICAL VALLEY GUTTER SECTION**  
NOT TO SCALE



**CURB & GUTTER COLLECTION SECTION**  
NOT TO SCALE  
NCDOT STD 846.01



**CURB & GUTTER DUMP SECTION**  
NOT TO SCALE  
NCDOT STD 846.01



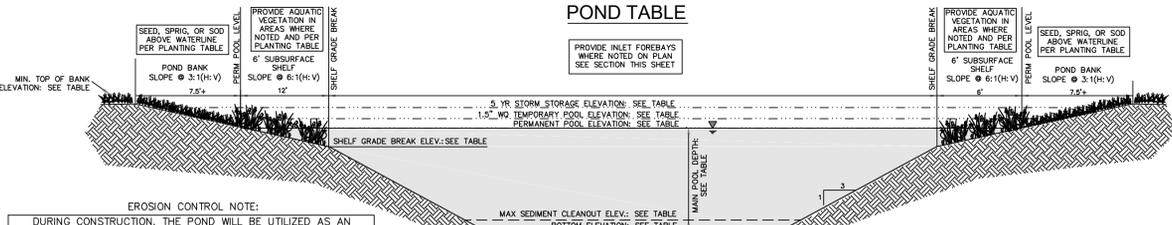
**VALLEY GUTTER SECTION**  
NOT TO SCALE

**GENERAL CURB & GUTTER NOTES:**

1. PLACE CONTRACTION JOINTS AT 10' INTERVALS, EXCEPT THAT A 15' SPACING MAY BE USED WHEN A MACHINE IS USED OR WHEN SATISFACTORY SUPPORT FOR THE FACE FORM CAN BE OBTAINED WITHOUT THE USE OF TEMPLATES AT 10' INTERVALS.
2. JOINT SPACING MAY BE ALTERED IF REQUIRED BY ENGINEER.
3. CONTRACTION JOINTS MAY BE INSTALLED WITH THE USE OF TEMPLATES OR FORMED BY OTHER APPROVED METHODS. CONSTRUCT NON-TEMPLATE FORMED JOINTS A MIN. OF 1-1/2" DEEP.
4. FILL ALL CONSTRUCTION JOINTS, EXCEPT IN 8"X6" MEDIAN CURB, WITH JOINT FILLER AND SEALER.
5. SPACE EXPANSION JOINTS AT 90' INTERVALS AND ADJACENT TO ALL RIGID OBJECTS.

POND ID	MIN. TOP ELEV. (FMSL)	100 YR STORM STAGE (FMSL)	5 YR STORM STAGE (FMSL)	1.5" WQ ELEV. (FMSL)	PERM. POOL ELEV. (FMSL)	SHIELD BREAK ELEV. (FMSL)	BOTTOM ELEV. (FMSL)	SED. STORAGE DEPTH (FT)	SLOPE OF SHELF	SIDE SLOPE ABOVE & BELOW SHELF
1	13.25	12.14	11.43	10.55	10.00	9.00	0.00	1.00	10.00	6.00 3.00
2	12.50	11.58	10.90	9.99	9.50	8.50	-0.50	0.50	10.00	6.00 3.00

**POND TABLE**



**STORMWATER MANAGEMENT WET-DETENTION BASIN**

**TYPICAL CROSS SECTION**  
NOT TO SCALE (LOCATIONS AS DENOTED ON PLAN)

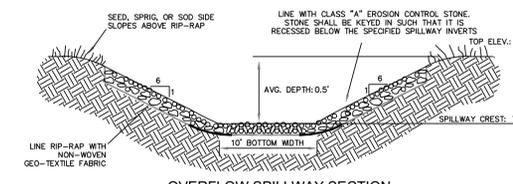
**PLANTING TABLE**

SHELF ZONE	PLANT SPECIES	MAX. PLANT SPACING	CONTAINER CLASS
BELOW PERM. POOL MINIMUM OF 3 SPACES (SEE PLAN FOR LOCATIONS)	OHLEON GLABRA - WHITE TURTLEHEAD EUPATORIUM FISTULOSUS - JOE PEE WEEED HIBISCUS LAEVIS - HALBERDLEAF ROSEMALLOW LOBELIA CARDINALIS - CARDINAL FLOWER RHYNCHOSPORA COLORATA - STARRUSH WHITETOP SACCHARUM BALSAMUM - NARROW PLUMEGRASS (OR APPROVED EQUAL) (WETLAND SEED MIXES SHALL NOT BE USED)	50 PLANTS PER 200 SF 2'-0" CENTER OR 4 CUBIC INCH PRESEED 6.5 CUBIC INCH+	MINIMUM 4 CUBIC INCH PRESEED 6.5 CUBIC INCH+
PERM. POOL / 5 YR WEIR CREST	TIFFANY 419 - HYBRID BERMUDA GRASS EREMOCHLOA OPHUROIDES - CENTIPEDEGRASS (OR APPROVED EQUAL) (TREES, WOODY SHRUBS AND CLIMBING GRASSES SHALL NOT BE USED)	AS REQUIRED PER SUPPLIER SPECIFICATIONS	N/A

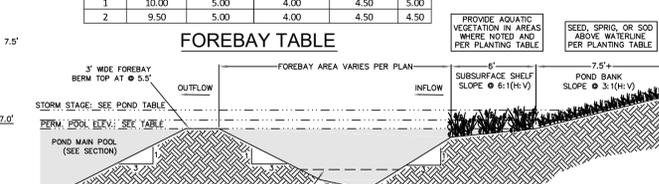
NOTE: WETLAND PLANTS INC. (ALSO COASTAL PLANT CONSERVATION NURSERY) IS A RECOMMENDED SOURCE FOR WETLAND PLANTS ON THIS PROJECT. THE NURSERY IS LOCATED AT 612 BRIDGEWAY, WASHINGTON, NC 27888. PHONE NUMBER: (252) 482-5707. THE PLANTINGS LISTED IN THE TABLE ABOVE ARE RECOMMENDATIONS SPECIFIC TO THIS PROJECT. ALTERNATE SPECIES MAY BE UTILIZED AFTER PROPER REVIEW AND APPROVAL BY ENGINEER.

POND ID	PERM. POOL ELEV. (FMSL)	SED. STORAGE ELEV. (FMSL)	FRONT BOTTOM ELEV. (FMSL)	REAR BOTTOM ELEV. (FMSL)	DEPTH (FT)
1	10.00	5.00	4.00	4.50	5.00
2	9.50	5.00	4.00	4.50	4.50

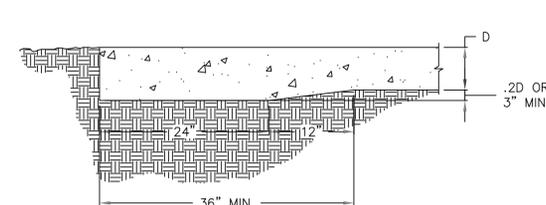
**FOREBAY TABLE**



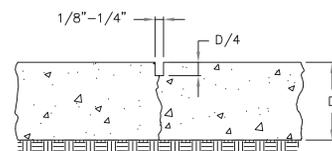
**OVERFLOW SPILLWAY SECTION**  
NOT TO SCALE



**SEDIMENT FOREBAY CROSS SECTION**  
(LOCATIONS AS DENOTED ON PLAN)



**CONVENTIONAL CONCRETE THICKENED EDGE DETAIL**  
NOT TO SCALE

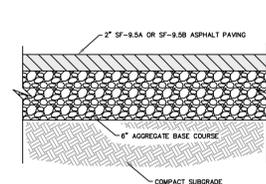


**CONVENTIONAL CONCRETE CONTROL JOINT DETAIL**  
NOT TO SCALE

NOTES:  
MINIMUM PAVEMENT THICKNESS (D) = 6" W/6x6-W2.9 WWF REINFORCEMENT, PLACE 2" BELOW TOP OF SLAB  
UNDOUBLED TRANSVERSE CONTRACTION OR LONGITUDINAL JOINT, SAWED OR PRE-MOLDED. DO NOT DOWEL PAVEMENTS LESS THAN 27" THICK.

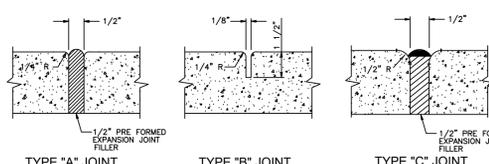
**CONVENTIONAL CONCRETE SPECIFICATIONS:**

1. USE ACI CERTIFIED FLY ASH FINISHER
2. USE ACI 330R-01 GUIDE FOR DESIGN AND CONSTRUCTION OF CONCRETE PARKING LOTS
3. USE ACI 330.1-94 STANDARD SPECIFICATION FOR PLAIN CONCRETE PARKING LOTS
4. ALL CONCRETE USED IN PARKING LOT, UNLESS OTHERWISE INDICATED, SHALL HAVE A COMPRESSIVE STRENGTH OF 3,500 PSI AT 28 DAYS.
5. IF SUBGRADE SOILS ARE FOUND BY THE CONTRACTOR TO BE UNSUITABLE, TESTING AND PREPARATION RECOMMENDATIONS BY A GEOTECHNICAL ENGINEER MUST BE PROVIDED PRIOR TO CONCRETE PLACEMENT.
6. IMPORTED SOIL USE FOR BACK FILL SHOULD BE FREE OF HEAVY CLAY, SILTS, STONES, PLANT ROOT OR OTHER FOREIGN MATERIAL GREATER THAN 1/2" IN DIAMETER IN ORDER TO ACHIEVE ADEQUATE COMPACTION AROUND ANY FIXED OBJECT IN GROUND. ALTERNATE WILL BE TO USE FLOWABLE FILL.
7. KEEP ALL JOINTS CONTINUOUS WITH A MAXIMUM JOINT SPACING OF 10 FT.
8. CONTROL JOINTS SHALL BE FORMED OR SAWED WITHIN 12 HOURS FROM TIME OF PLACEMENT;  
A. SIDEWALK SPACING SHALL BE SAME AS WIDTH OF PAVEMENT AND LESS THAN 5 FEET IN LENGTH.  
B. PAVEMENT-MAXIMUM SPACING SHALL BE 2.5 TIMES THICKNESS IN UNIT OF FEET AND LESS THAN 15 FEET IN LENGTH (E.G. 4" THICKNESS AT 10'X10').
9. CURE CONCRETE IMMEDIATELY AFTER FINISHING OPERATION IS COMPLETED BY USING ONE OF THE FOLLOWING METHODS: WATER, PIGMENTED WATER-BASED CURING COMPOUND OR VISQUEUM AND BURLAP



**TYPICAL ASPHALT PAVEMENT SECTION**  
NOT TO SCALE

NOTE:  
PAVING SHALL CONSIST OF FINE GRADING THE SPECIFIED PARKING & DRIVE AREAS AND INSTALLING 2" SF-9.5A OR SF-9.5B ASPHALT CONCRETE SURFACE COURSE IN CONJUNCTION WITH A 6" AGGREGATE BASE COURSE. THE SOIL SUBGRADE BENEATH PAVEMENTS SHALL BE COMPACTED TO AT LEAST 95% OF ASTM D 698 PRIOR TO ANY PLACEMENT OF SUBGRADE FILL OR STONE BASE COURSE. ALL SITE PREPARATION AND THE DESIGN AND CONSTRUCTION OF ALL FOUNDATIONS, GROUND SLABS AND PAVEMENTS SHALL BE IN ACCORDANCE WITH RECOMMENDATIONS PROVIDED BY A GEOTECHNICAL ENGINEER.



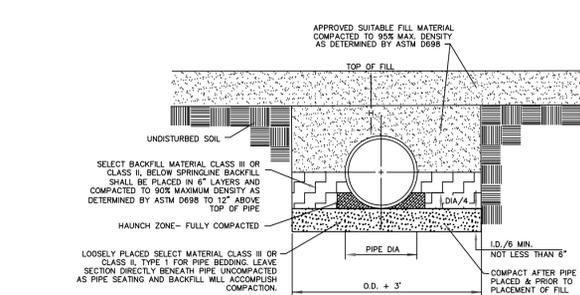
**TYPICAL CONCRETE SIDEWALK DETAIL**  
NOT TO SCALE

NOTES:  
1. SIDEWALKS SHALL HAVE A 4" MINIMUM THICKNESS  
2. ALL SIDEWALKS WILL BE CONSTRUCTED A MINIMUM OF 4 FEET WIDE OR AS DIMENSIONED ON THE PLAN.  
3. ALL CONCRETE USED FOR SIDEWALKS SHALL BE A MINIMUM OF 3,000 PSI  
4. WHERE SIDEWALKS ARE LESS THAN 5 FEET WIDE, 5'X5' PASSING ZONES MUST BE PROVIDED EVERY 200'

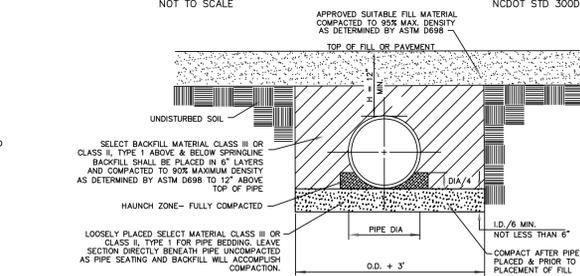
TYPE	LOCATION
"A"	20' CENTER TO CENTER ON SIDEWALKS, P.C. AND P.T. OF CURVES, JUNCTIONS OF EXISTING AND NEW SIDEWALKS, DRIVEWAYS, AND SIMILAR STRUCTURES.
"B"	5' CENTER TO CENTER ON SIDEWALKS.



**TABLE OF SIDEWALK JOINTS**

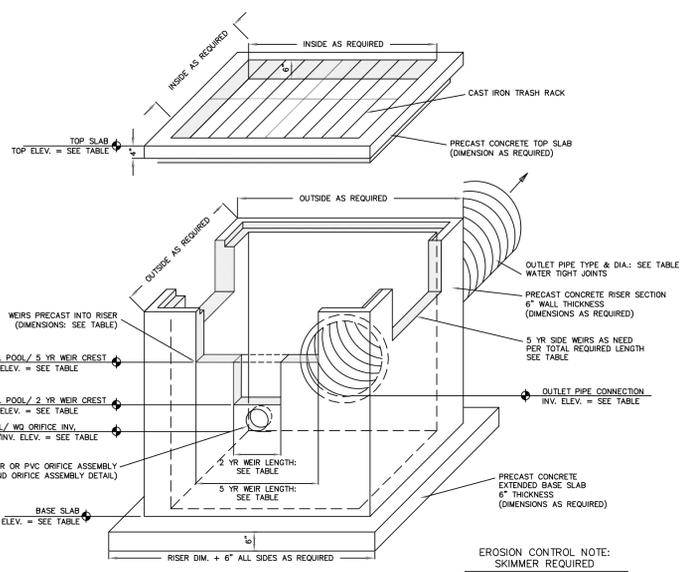


**STANDARD RIGID PIPE INSTALLATION DETAIL**  
NOT TO SCALE  
NCDOT STD 3000D1

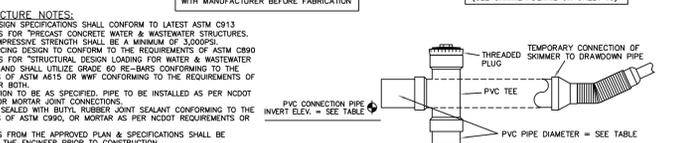


**STANDARD FLEXIBLE PIPE INSTALLATION DETAIL**  
NOT TO SCALE  
NCDOT STD 3000D1

GENERAL PIPE INSTALLATION NOTES:  
ALL EXCAVATIONS SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE CONSTRUCTION STANDARDS FOR EXCAVATIONS IN OSHA "SAFETY" AND HEALTH REGULATIONS FOR CONSTRUCTION, CHAPTER XV11 OF TITLE 29, CFR, PART 1926. THE CONTRACTOR SHALL HAVE A COMPETENT PERSON ON THE JOB AT ALL TIMES AND SHALL EMPLOY A PROFESSIONAL ENGINEER TO ACT UPON ALL PERTINENT MATTERS OF THE WORK. DO NOT OPERATE HEAVY EQUIPMENT OVER ANY PIPE OR JOINT UNITS. THE PIPE OR JOINT HAS BEEN PROPERLY BACKFILLED AND COVERED WITH AT LEAST 3 FEET OF APPROVED MATERIAL.  
1. THE PIPE OR JOINT SHALL BE INSTALLED IN ACCORDANCE WITH NCDOT TYPICAL STANDARD DETAIL 3000D1.  
2. O.D. = THE MAXIMUM HORIZONTAL INSIDE DIAMETER DIMENSION.  
H = THE FILL HEIGHT MEASURED VERTICALLY AT ANY POINT ALONG THE PIPE FROM THE TOP OF THE PIPE TO THE TOP OF THE SUBGRADE OR THE BOTTOM OF THE PAVEMENT STRUCTURE AT THAT POINT.



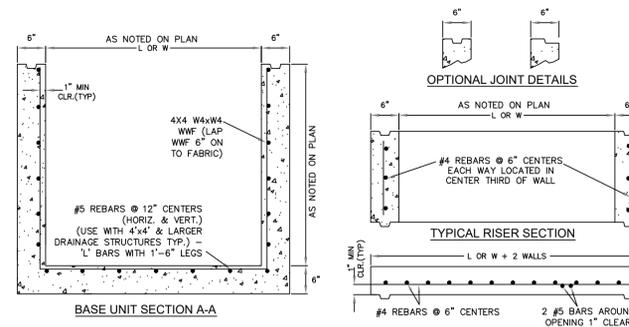
**OUTLET CONTROL STRUCTURE**  
NO SCALE  
LOCATION AS NOTED ON PLAN



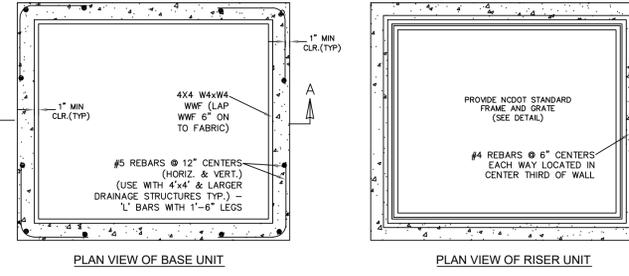
**PVC ORIFICE ASSEMBLY DETAIL**

STRUCTURE ID	RIM ELEV. (FMSL)	BASE ELEV. (FMSL)	PIPE DIA. (INCHES)	ORIFICE DIA. (INCHES)	LENGTH (INCHES)	2 YR WEIR LENGTH (INCHES)	5 YR WEIR LENGTH (INCHES)	OUTLET PIPE DIAMETER (INCHES)	INVERT IN. (FMSL)		
02-01	12.00	9.00	6	0.5	2.5	6	10.25	36	10.43	24	9.5
02-02	12.00	9.00	6	0.5	2.5	6	10.25	36	10.43	24	9.5

**OUTLET CONTROL STRUCTURE TABLE**



**BASE UNIT SECTION A-A**



**PLAN VIEW OF BASE UNIT** and **PLAN VIEW OF RISER UNIT**

- PRECAST DRAINAGE STRUCTURE GENERAL NOTES**
1. DESIGN SHALL CONFORM TO LATEST NCDOT 840.46 SPECIFICATIONS FOR "TRAFFIC BEARING PRECAST DRAINAGE STRUCTURE".
  2. CONCRETE COMPRESSIVE STRENGTH SHALL BE A MINIMUM OF 4,000 PSI.
  3. USE ASTM A615 GRADE 60 REINFORCING STEEL. USE ASTM A185 WELDED WIRE FABRIC WWF.
  4. LIMIT MAXIMUM DEPTH TO TOP OF BOTTOM SLAB TO 15".
  5. PLACE LIFT HOLES OR PINS IN ACCORDANCE WITH OSHA STANDARD 1926.704
  6. ORIENT STRUCTURES SO THAT CORNERS WILL NOT BE CUT OR MODIFIED UNLESS ALLOWED BY DETAIL.
  7. PRECAST ALL ELEMENTS TO MEET ASTM C913
  8. FRAME AND GRADE HEIGHT MAY BE ADJUSTED IN ACCORDANCE WITH STANDARD 840.25
  9. PROVIDE PRECAST STRUCTURES OVER 4'-0" IN DEPTH WITH STEPS 12" ON CENTERS PER 840.66
  10. WELDED WIRE FABRIC MAY BE SUBSTITUTED FOR REBAR IF THE SAME MIN. AREA OF STEEL IS PROVIDED.
  11. SEAL JOINTS WITH AN APPROVED SEALANT (SECTION 840 OF NCDOT STANDARD SPECIFICATIONS)
  12. LIMIT MAXIMUM STRUCTURE SIZES INSIDE CLEAR DIMENSIONS TO 6'-X-6'-0"
  13. THE OUTSIDE PIPE DIAMETER PLUS 2" IS MINIMUM STRUCTURE SIZE OR THE OPENING REQUIRED FOR FRAME AND GRATE, WHICHEVER IS GREATER.
  14. ANY DEVIATIONS FROM THE APPROVED PLAN & SPECIFICATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

**STANDARD TRAFFIC BEARING PRECAST DRAINAGE STRUCTURE**  
NOT TO SCALE  
NCDOT STD 840.46

Bissell Professional Group  
5370 Lenoir Ave. Suite 200  
Raleigh, NC 27606  
P.O. Box 1088  
Raleigh, NC 27602  
(919) 876-2749  
(919) 876-2749  
FAX (919) 876-1760

**BISSELL**  
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Engineers, Planners, Surveyors  
and Environmental Specialists

**STORMWATER AND PAVEMENT  
TYP. CONSTRUCTION DETAILS**

**PINNACLE STORAGE GRANDY**  
NORTH CAROLINA  
CURRITUCK COUNTY  
GRANDY TOWNSHIP

**COMMERCIAL SITE DEVELOPMENT PLAN**

PROJECT NO. 053358  
DATE: 06-20-23  
AS SHOWN  
DESIGNED: BFG  
CHECKED: DMK  
DRAWN: BLR  
APPROVED: BFG  
SHEET: 16 OF 19  
CAD FILE: 22012-SP  
PROJECT NO: 4788





**GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT**

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

**SECTION E: GROUND STABILIZATION**

Required Ground Stabilization Timeframes		
Site Area Description	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
(d) Slopes 3:1 to 4:1	14	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope

**Note:** After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

**GROUND STABILIZATION SPECIFICATION**

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none"> <li>Temporary grass seed covered with straw or other mulches and tackifiers</li> <li>Hydroseeding</li> <li>Rolled erosion control products with or without temporary grass seed</li> <li>Appropriately applied straw or other mulch</li> <li>Plastic sheeting</li> </ul>	<ul style="list-style-type: none"> <li>Permanent grass seed covered with straw or other mulches and tackifiers</li> <li>Geotextile fabrics such as permanent soil reinforcement matting</li> <li>Hydroseeding</li> <li>Shrubs or other permanent plantings covered with mulch</li> <li>Uniform and evenly distributed ground cover sufficient to restrain erosion</li> <li>Structural methods such as concrete, asphalt or retaining walls</li> <li>Rolled erosion control products with grass seed</li> </ul>

**POLYACRYLAMIDES (PAMS) AND FLOCCULANTS**

- Select flocculants that are appropriate for the soils being exposed during construction, selecting from the *NC DWR List of Approved PAMS/Flocculants*.
- Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
- Apply flocculants at the concentrations specified in the *NC DWR List of Approved PAMS/Flocculants* and in accordance with the manufacturer's instructions.
- Provide ponding area for containment of treated Stormwater before discharging offsite.
- Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

**EQUIPMENT AND VEHICLE MAINTENANCE**

- Maintain vehicles and equipment to prevent discharge of fluids.
- Provide drip pans under any stored equipment.
- Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
- Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
- Remove leaking vehicles and construction equipment from service until the problem has been corrected.
- Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

**LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE**

- Never bury or burn waste. Place litter and debris in approved waste containers.
- Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes.
- Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
- Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
- Anchor all lightweight items in waste containers during times of high winds.
- Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
- Dispose waste off-site at an approved disposal facility.
- On business days, clean up and dispose of waste in designated waste containers.

**PAINT AND OTHER LIQUID WASTE**

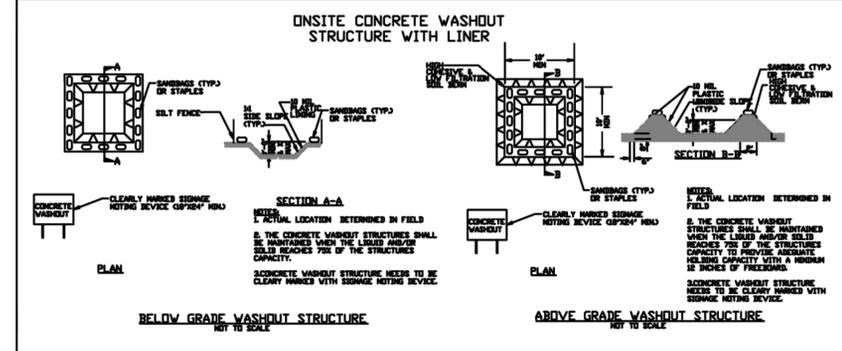
- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled, sized and placed appropriately for the needs of site.
- Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

**PORTABLE TOILETS**

- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
- Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
- Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

**EARTHEN STOCKPILE MANAGEMENT**

- Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
- Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
- Provide stable stone access point when feasible.
- Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



**CONCRETE WASHOUTS**

- Do not discharge concrete or cement slurry from the site.
- Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
- Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
- Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
- Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
- Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
- Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
- Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
- Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
- At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

**HERBICIDES, PESTICIDES AND RODENTICIDES**

- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
- Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
- Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
- Do not stockpile these materials onsite.

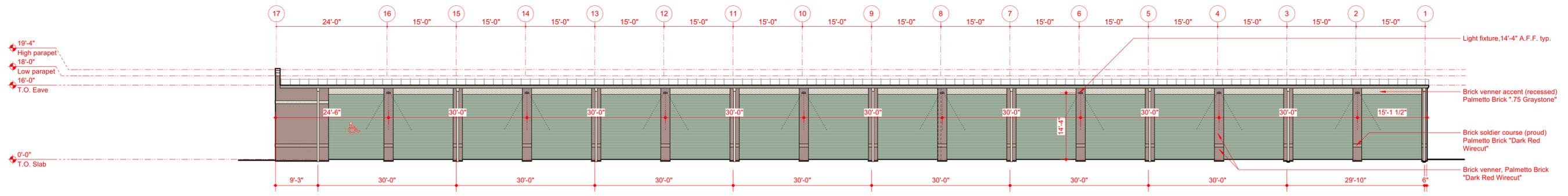
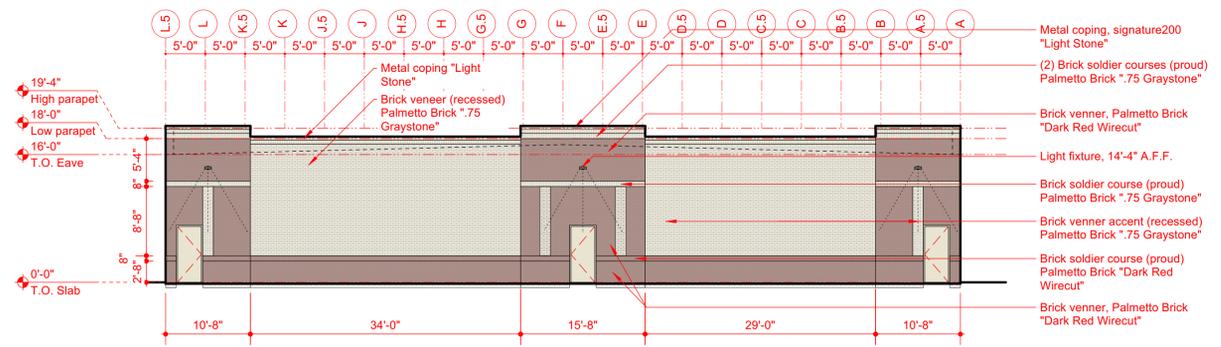
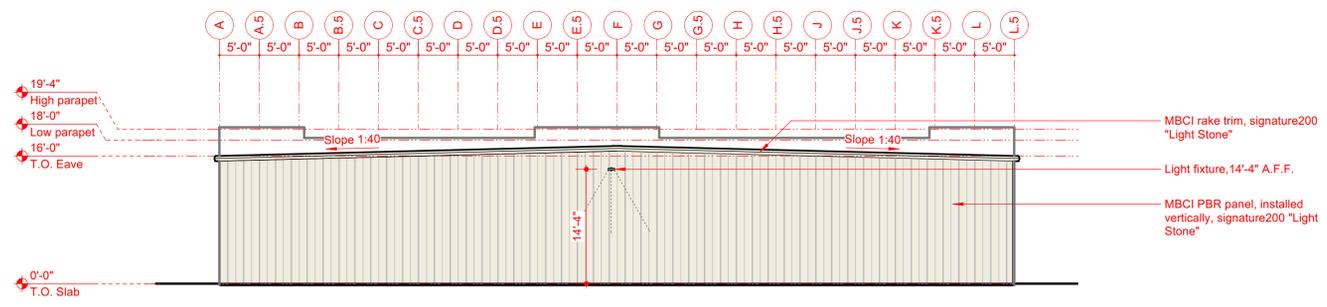
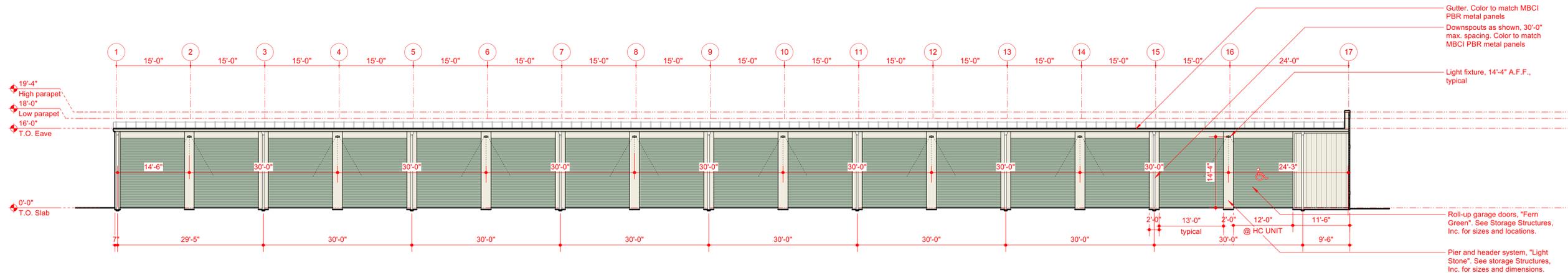
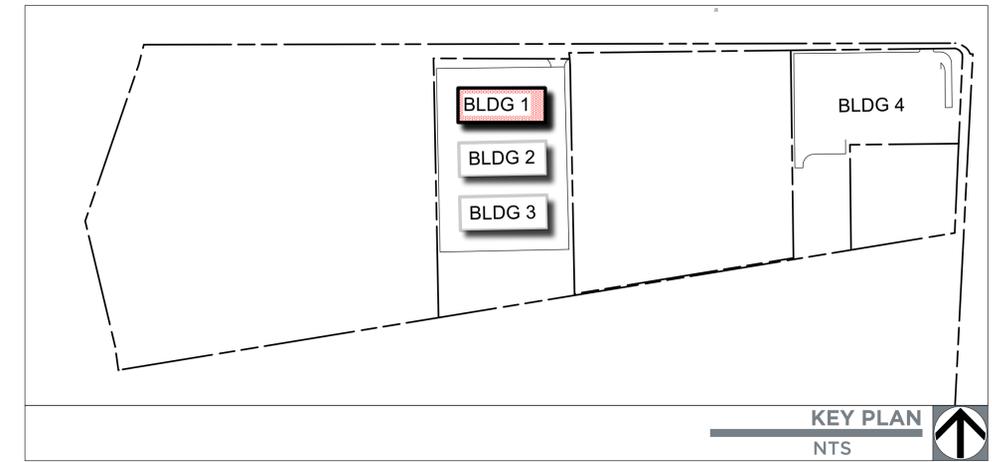
**HAZARDOUS AND TOXIC WASTE**

- Create designated hazardous waste collection areas on-site.
- Place hazardous waste containers under cover or in secondary containment.
- Do not store hazardous chemicals, drums or bagged materials directly on the ground.

NO.	DATE	DESCRIPTION

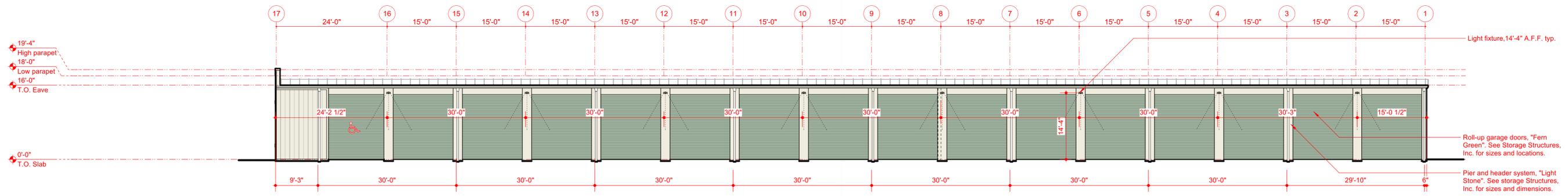
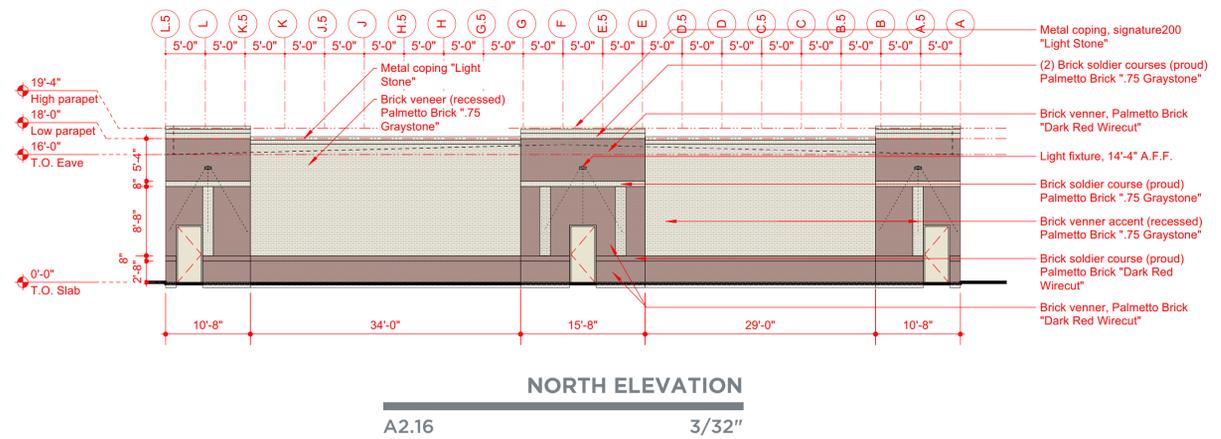
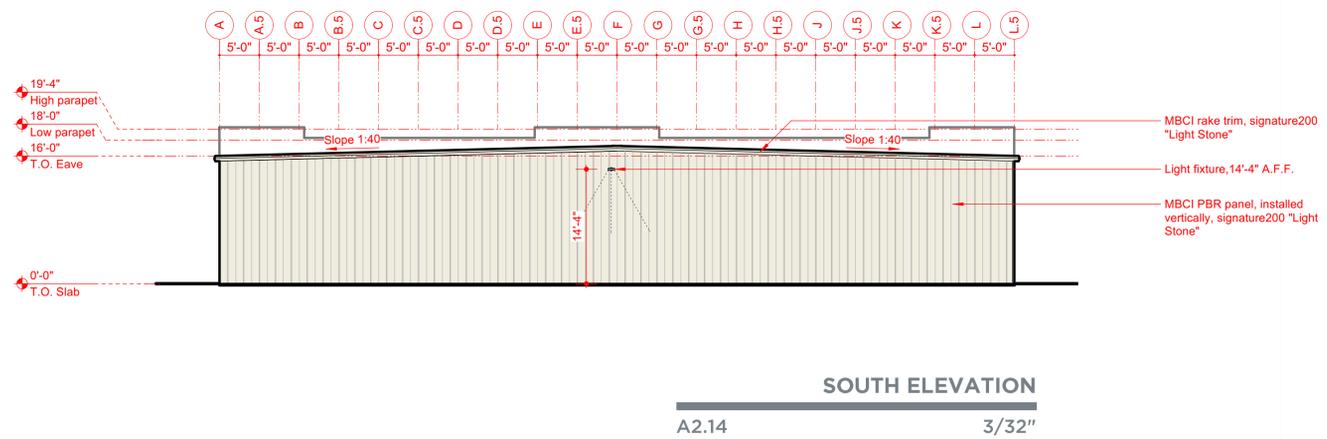
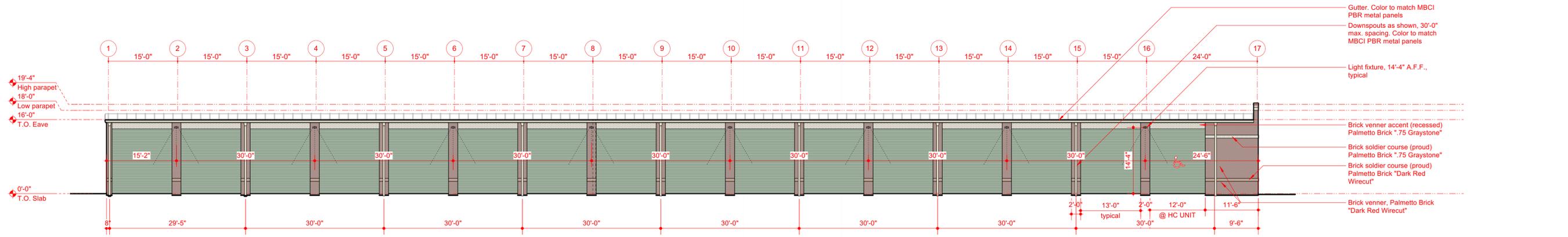
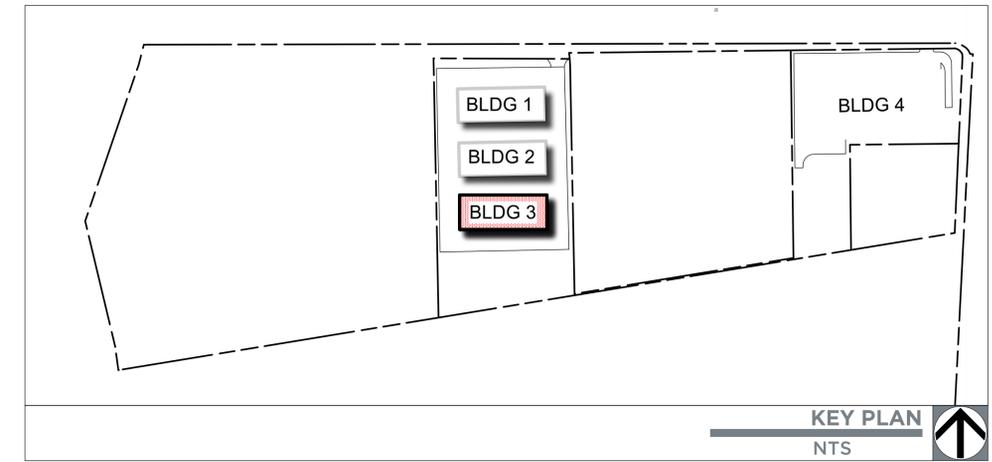


DATE: 06-20-23	SCALE: AS SHOWN
DRAWN: BPG	CHECKED: DMK
DESIGNED: BLR	APPROVED: BPG



Owner acknowledges and agrees that Robert High Development, LLC (RHD) [and its architect Cottrah Harris Architecture and engineers] have retained all ownership and other rights, title and interests in and to all conceptual, working and final drawings, plans and specifications (collectively, Plans and Specifications) relating to the Project (including without limitation architectural and engineering drawings, plans and specifications), and any and all of its proprietary rights embodied therein or related thereto. Except in connection with the construction, ownership, operation and management of the Project by Owner, this Agreement shall not grant Owner any vested right, title or interest in or to any of the Plans and Specifications or any patents (issued or pending), trademarks, service marks, trade names, copyrights, licenses, licensed or other proprietary rights of RHD or any such rights granted by third parties or other professionals to RHD.

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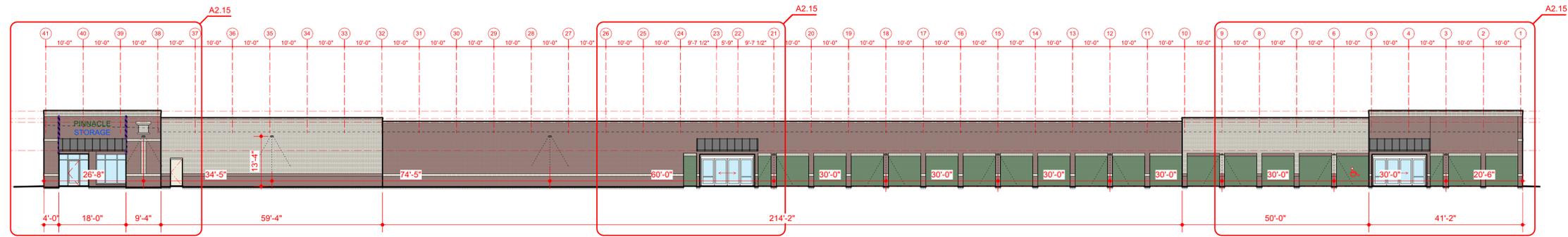
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**COTHAN  
HARRIS**  
ARCHITECTURE

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WILMINGTON, NC 28403  
910.793.3433

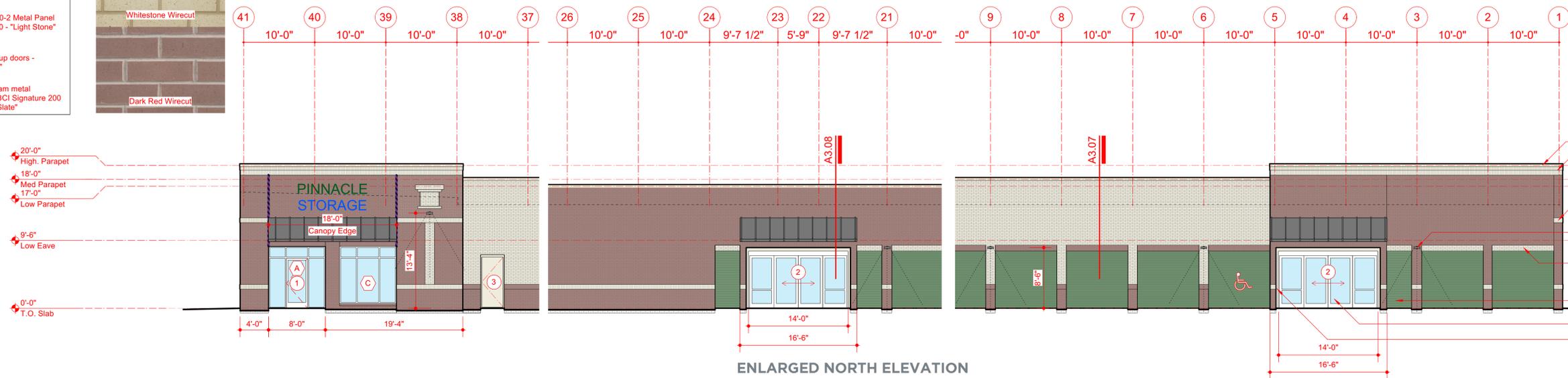


**OVERALL NORTH ELEVATION**

A2.12 1/16"

**Material Legend**

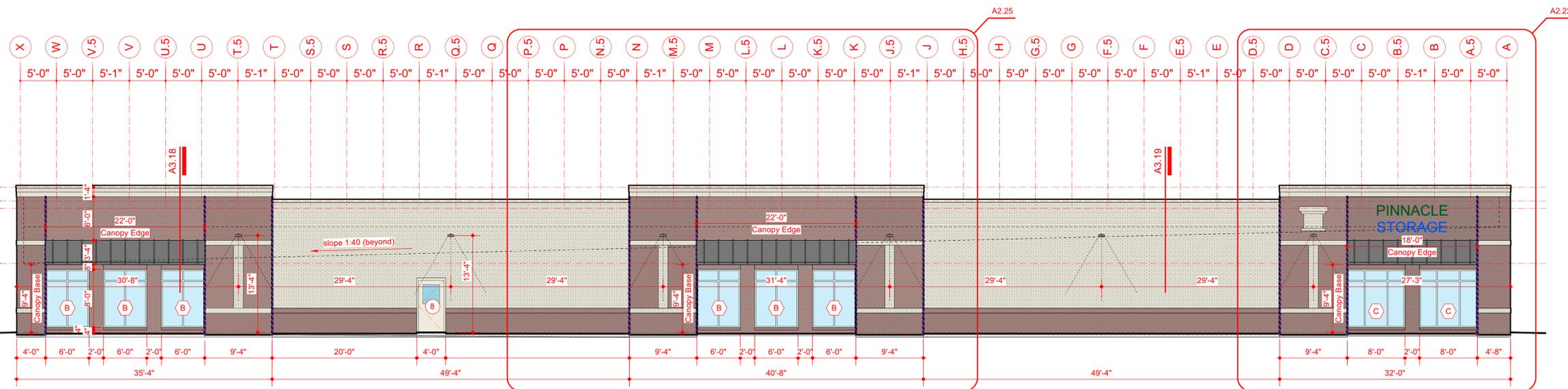
	Metal coping, gutters, downspouts - "Light Stone"
	MBCI FW120-2 Metal Panel Signature200 - "Light Stone"
	Exterior roll-up doors - "Fern Green"
	Standing seam metal awnings- MBCI Signature 200 "Burnished Slate"



**ENLARGED NORTH ELEVATION**

A2.15 1/8"

- Metal coping "Light Stone"
- 2 Courses of Soldier Brick veneer, Palmetto Brick "Whitestone"
- Soldier Brick Course, Palmetto Brick "Whitestone"
- Light fixture, See plans for height
- Brick veneer, Palmetto Brick "Whitestone"
- Roll up metal garage doors, "Fern Green", typical
- Double sliding loading doors
- MBCI PBR, installed vertically, Signature200 "Light Stone" typical at entry alcoves



**EAST ELEVATION**

A2.18 1/8"

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**PINNACLE CURRITUCK BLDG 4**  
SELF-STORAGE-PHASE I  
ROBERT HIGH DEVELOPMENT

**BUILDING ELEVATIONS**

**A2.1**

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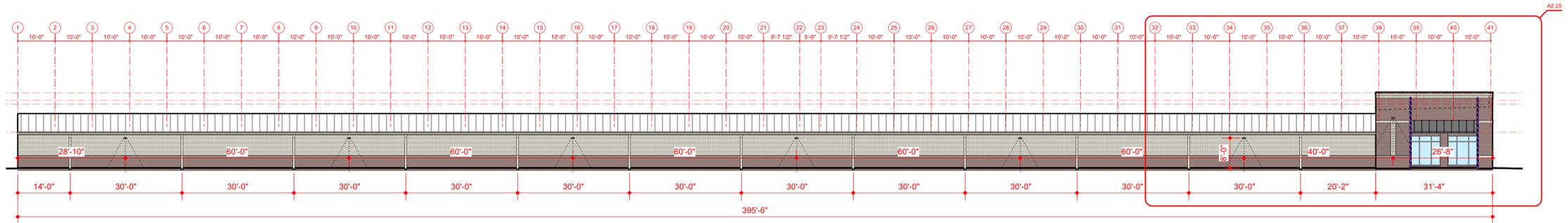
6828 CARATOKE HIGHWAY  
GRANDY, NC

SCHEMATIC DRAWINGS  
JUNE 21, 2023



**COTHAN  
HARRIS**  
ARCHITECTURE

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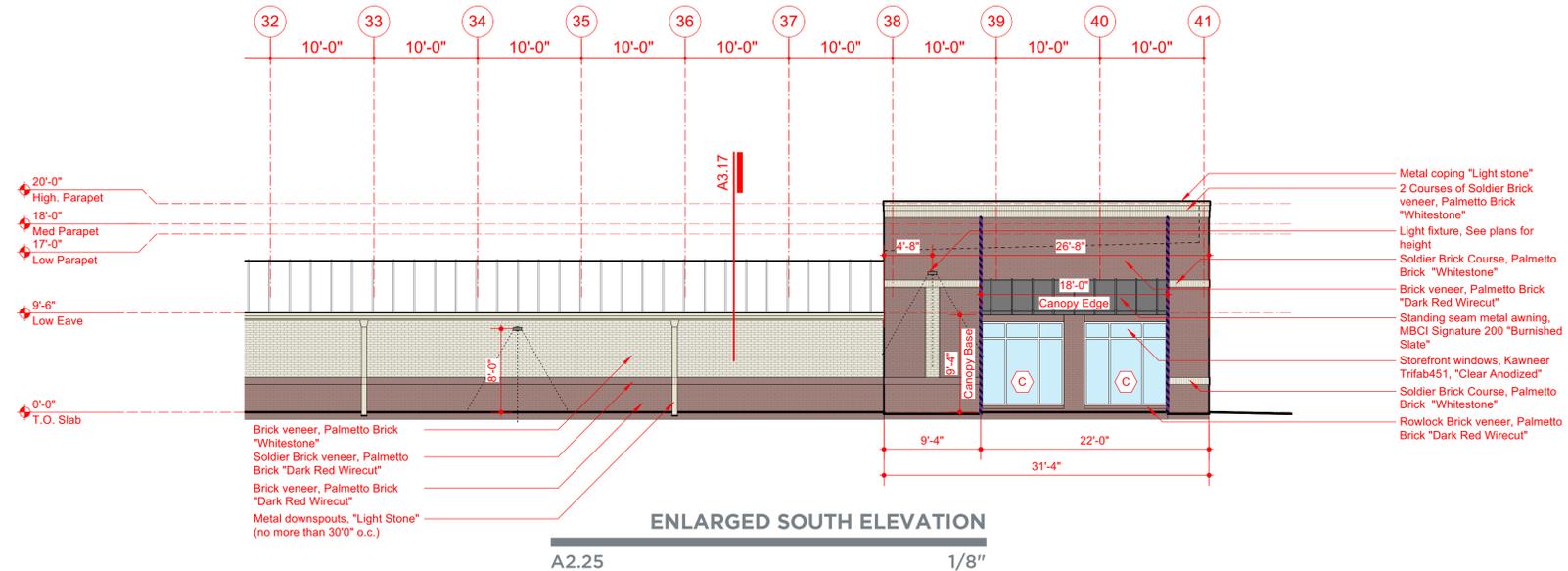


**OVERALL SOUTH ELEVATION**

A2.22 1/16"

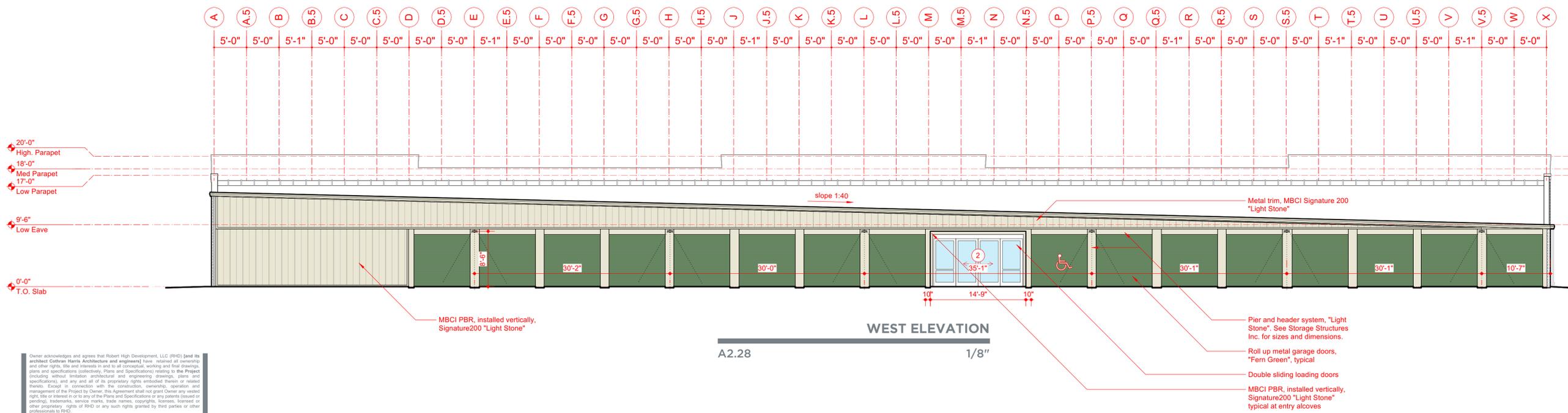
**Material Legend**

- Metal coping, gutters, downspouts - "Light Stone"
- MBCI FW120-2 Metal Panel Signature200 - "Light Stone"
- Exterior roll-up doors - "Fern Green"
- Standing seam metal awnings- MBCI Signature 200 "Burnished Slate"



**ENLARGED SOUTH ELEVATION**

A2.25 1/8"



**WEST ELEVATION**

A2.28 1/8"

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**PINNACLE CURRITUCK BLDG 4**  
SELF-STORAGE-PHASE I  
ROBERT HIGH DEVELOPMENT

**BUILDING ELEVATIONS**

6828 CARATOKE HIGHWAY  
GRANDY, NC

SCHEMATIC DRAWINGS  
JUNE 21, 2023

**A2.2**

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