MA-22-09 CONDITIONS OF APPROVAL

DEVELOPMENT OF THE PROPERTY SHALL BE IN SUBSTANTIAL CONFORMANCE WITH THE ACCOMPANYING EXHIBIT D CONCEPT PLAN, LOCATIONS SHOWN FOR COMMITTED ELEMENTS INCLUDING, BUT NOT LIMITED TO BUILDINGS, PARKING, AND STORMWATER CONTROL MEASURES SHOWN ON EXHIBIT D, ARE CONCEPTUAL AND PROVIDED FOR ILLUSTRATION AND CONTEXT ONLY FINAL LOCATIONS OF ELEMENTS SHALL BE DETERMINED AT SUBSEQUENT STAGES OF APPROVAL.

SUBJECT TO APPROVAL BY THE TOWN OF ROLESVILLE, THE VEGETATION IN THE AREA THAT EXTENDS AT LEAST 55 (55') FEET FROM THE PROPERTY LINE ABUTTING PINS 1850604353, 1850605343, 1850606333, 1850607323, AND 1850608313 EXISTING AT THE TIME OF SITE DEVELOPMENT PLAN APPLICATION SUBMISSION SHALL NOT BE DISTURBED AND SHALL BE INCLUDED IN THE BUFFER OTHERWISE REQUIRED BY THE LDO (THE "UNDISTURBED VEGETATION AREA"). THIS SHALL EXCLUDE MINOR ENCROACHMENTS FOR SITE DESIGN FEATURES, SUCH AS DRAINAGÉ AREAS OR PIPES AND UTILITY EASEMENTS.

ALL EXTERIOR LIGHT FIXTURES SHALL BE FULL CUTOFF FIXTURES, EXCEEDING THE MINIMUM STANDARD OF "CUTOFF FIXTURES" AS REQUIRED BY LDO § 6.6.G.2.

IF THE EXISTING VEGETATION IS REMOVED IN THE BUFFER AREA OTHERWISE REQUIRED BY THE LDO ON THE PROPERTY LINE ABUTTING PIN 1850700632 AND EXTENDING FROM THE UNDISTURBED VEGETATION AREA TO THE RIGHT-OF-WAY ON JONES DAIRY ROAD, THE FOLLOWING ADDITIONAL VEGETATION SHALL BE PROVIDED IN THE REQUIRED BUFFER OR WITHIN 5 (5') FEET OF ANY PERIMETER EASEMENT THAT WOULD PREVENT SUCH PLANTINGS: FAST-GROWING DENSE EVERGREEN TREES 15-FT ON CENTER. THE EVERGREEN TREES SHALL HAVE A MINIMUM MATURE HEIGHT OF 30-FT AND A SPREAD OF 12-FT. INSTALL HEIGHT SHALL BE 4-FT MINIMUM.

AT LEAST SEVENTY-FIVE PERCENT (75%) OF ANY REQUIRED PLANTS IN THE STORMWATER CONTROL MEASURE POND, EXCLUDING GRASSES, SHALL BE POLLINATOR PLANTS SUCH AS NATIVE MILKWEEDS AND OTHER NECTAR-RICH FLOWERS. GATES TO ACCESS AREAS WITH EXTERIOR-ACCESS STORAGE UNITS SHALL BE LOCKED BETWEEN

10PM AND 6AM ON EXTERIOR FAÇADES FACING A PUBLIC RIGHT-OF-WAY OR EXTERIOR FAÇADES FACING PINS

1850700632, 1850604353, 1850605343, 1850606333, 1850607323, AND 1850608313: 7.1. THE FOLLOWING MATERIALS ARE PROHIBITED: CINDERBLOCK, CONCRETE, METAL SIDING, AND VINYL SIDING; AND

7.2. BRICK, EIFS BRICK, STONE, OR CONCRETE MASONRY COMPONENTS SHALL BE A MINIMUM OF 10%

SITE DAT	A TABLE
PROJECT NAME:	JONES DAIRY STORAGE FACILITY
SITE PLAN NUMBER	SDP-23-03
PROPERTY OWNER/ DEVELOPER:	WARD, SUZANNE SHOAF 10925 ENCHANTED HOLLOW WAY RALEIGH, NC 27614
REAL ESTATE ID:	0162697
PIN:	1850608722
DEED ACRES:	5.55 ACRES
PROPERTY ADDRESS:	0 JONES DAIRY RD, ROLESVILLE NC 27587
PROPERTY ZONING:	GI-CZ
CURRENT USE:	VACANT
PROPOSED USE:	SELF STORAGE (COMMERCIAL)
DISTURBED AREA:	5.69 ACRES
	0 ACRES
PROPOSED IMPERVIOUS:	2.92 ACRES
TREE SAVE SUMMARY:	
REQUIRED TREE PRESERVATION:	10% SAVE = 0.10*4.76 (TREE AREA ON-SITE) = 0.476 ACRES
PROVIDED TREE PRESERVATION:	
PARKING SUMMARY:	
REQUIRED VEHICULAR SPACES:	1 SPACE PER 100 STORAGE UNITS = 565/100 = 6 SPACES
PROVIDED VEHICULAR SPACES:	7 SPACES
ADA PARKING SUMMARY:	
REQUIRED VEHICULAR SPACES:	1 SPACE
PROVIDED VEHICULAR SPACES:	1 SPACE
BUILDING HEIGHT:	MAXIMUM BUILDING HEIGHT: WITHOUT SPRINKLERS: 35-FT WITH SPRINKLERS: 60-FT PROVIDED BUILDING HEIGHTS: 16 FT
BUILDING SQUARE FOOTAGE(S):	CLIMATE CONTROLLED BUILDING: 62,120 SQFT STORAGE BUILDING(S): 1800 SQFT (2), 3600 SQFT (2), 6600 SQFT
NUMBER OF STORAGE UNITS:	TOTAL NUMBER OF UNITS: 565 BUILDING 'A' 5X5: 64 UNITS 5X10: 114 UNITS 10X10: 152 UNITS 10X15: 64 UNITS 10X20: 49 UNITS 10X25: 12 UNITS 10X20: 16 UNITS BUILDING 'B' 10X20: 18 UNITS BUILDING 'C' 10X20: 18 UNITS BUILDING 'D' 10X30: 22 UNITS BUILDING 'E' 10X10: 18 UNITS
BUILDING/STRUCTURE SETBACKS:	
FRONT:	30-FT
SIDE:	15-FT
REAR:	35-FT
LANDSCAPE BUFFERS:	
	50' TYPE "4" BUFFER (SOUTH & WEST OF PARCEL)
	SEE CONDITION 4 (EAST OF PARCEL)
	NEUSE RIVER
WATERSHED:	SANFORD CREEK (NEUSE)
SURFACE WATER CLASSIFICATION:	NONE

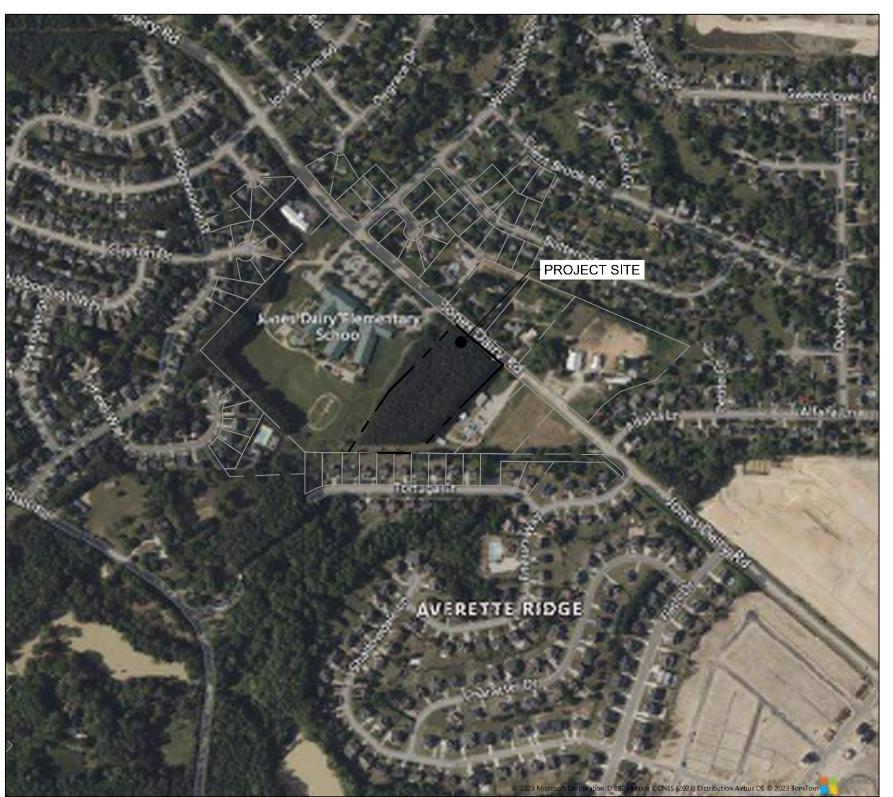
CONTACT: SUZANNE SHOAF WARD PHONE: N/A 10925 ENCHANTED HOLLOWAY RALEIGH NC, 27614

SITE PLAN REVIEW DRAWINGS: FOR

JONES DAIRY STORAGE FACILITY

0 JONES DAIRY RD ROLESVILLE, NC 27587

SITE PLAN#: SDP-23-03 REZONING CASE #: MA-22-09 TEXT AMENDMENT CASE #: TA-22-02



VICINITY MAP SCALE 1"=500'

PROJECT TEAM

LAND OWNER

DEVELOPER

RIVERCREST REALTY INVESTORS **CONTACT: BRIAN HOLDER** PHONE: (919) 846-4046 8816 SIX FORKS ROAD, SUITE 201 RALEIGH, NC 27615

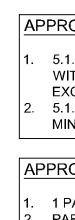
CIVIL ENGINEER

TIMMONS GROUP CONTACT: GARRETT FRANK, PE, PLA PHONE: (919) 866-4503 5410 TRINITY ROAD, SUITE 102 RALEIGH, NC 27607



Sewer Collectio The City of Raleigh consents to City's public sewer system as sho Construction methods used for th standards and specifications of th

City of Raleigh Public Utilities Department Permi Authorization to Construct



V3 -SDP-23-03 -

> Sheet Number C0.0 C1.0

> > C2.0

C2.1 C3.0

C3.1

C3.2

C3.3

C3.4

C4.0

C4.1 C4.2

C5.0

C5.1 C6.0 C6.1 C6.2 C6.3 C6 4 C6.5 C6.6 C6.7 C6.8 C6.9 C6.10 C7.0 C7.1 L1.0 L1.1

L2.0 PS1.0 PS1.1 W1.0 A-101 A-200 E-010

APPROVED TA-22-02:

5.1.6.D.5.b. - 'INDUSTRIAL, LIGHT' PRINCIPAL USE - SELF-SERVICE STORAGE SHALL BE CONTAINED WITHIN A FULLY ENCLOSED BUILDING AND CONTAINED IN A SINGLE BUILDING, ACCESS INTERNALLY, EXCEPT IN THE GENERAL INDUSTRIAL DISTRICT NOT LOCATED ON N MAIN ST OR S MAIN ST. 5.1.6.I.4. - 'WAREHOUSING' PRINCIPAL USE - EXAMPLES. INCLUDES WAREHOUSES AND MINI-WAREHOUSES.

APPROVED ALTERNATE PARKING PLAN CONDITIONS:

1 PARKING SPACE PER 100 SELF-STORAGE UNITS. PARKING PERMITTED BETWEEN A PROPOSED BUILDING AND THE STREET FRONTAGE.

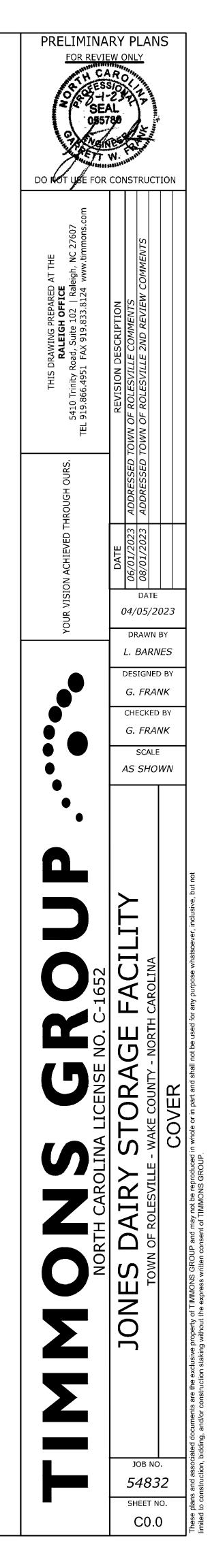
ATTENTION CONTRACTORS

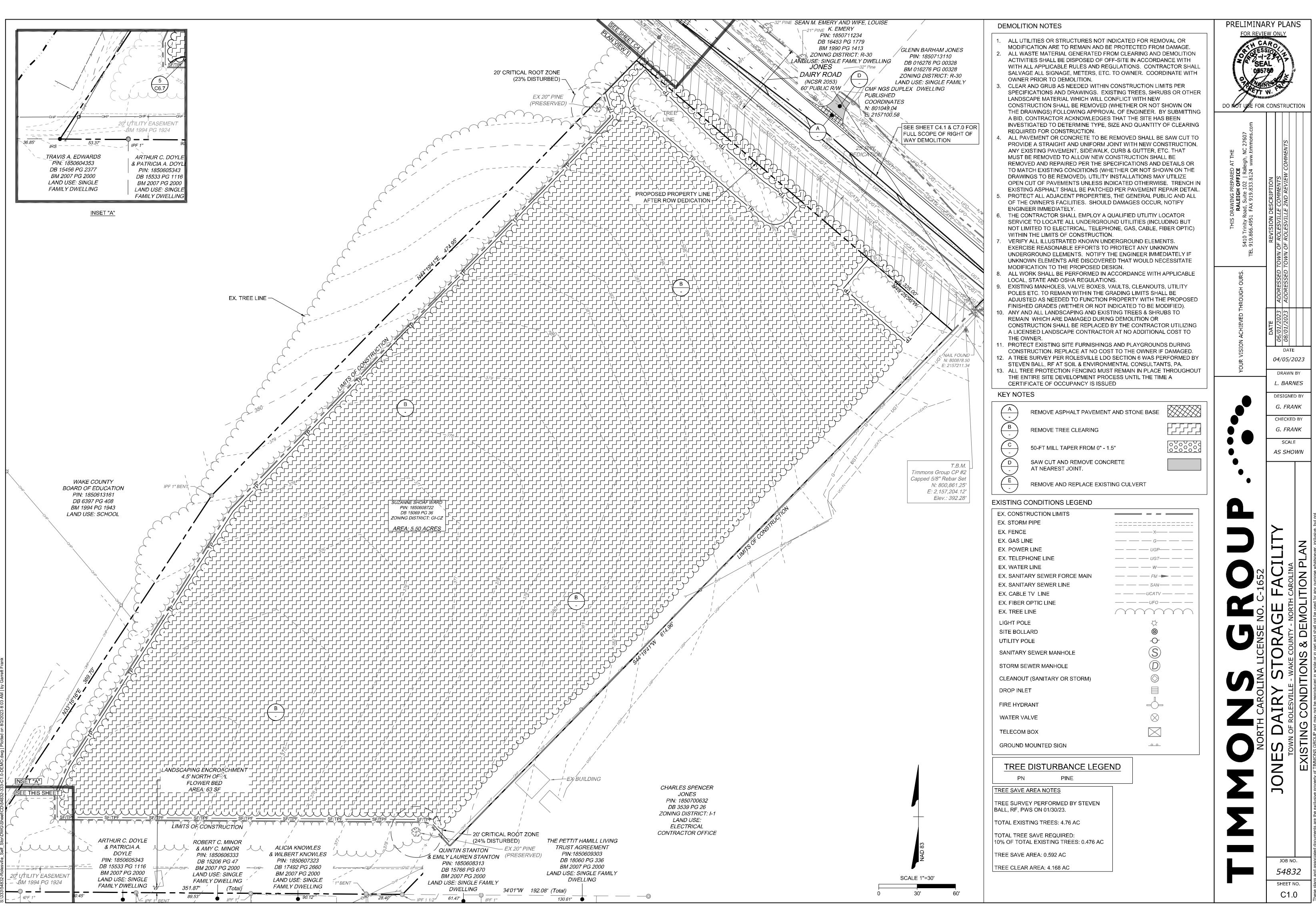
The Construction Contractor responsible for the extension of water, sewer, and/or reuse, as approved in these plans, is responsible for contacting the Public Utilities Department at (919) 996-4540 at least twenty four hours prior to beginning any of their construction.

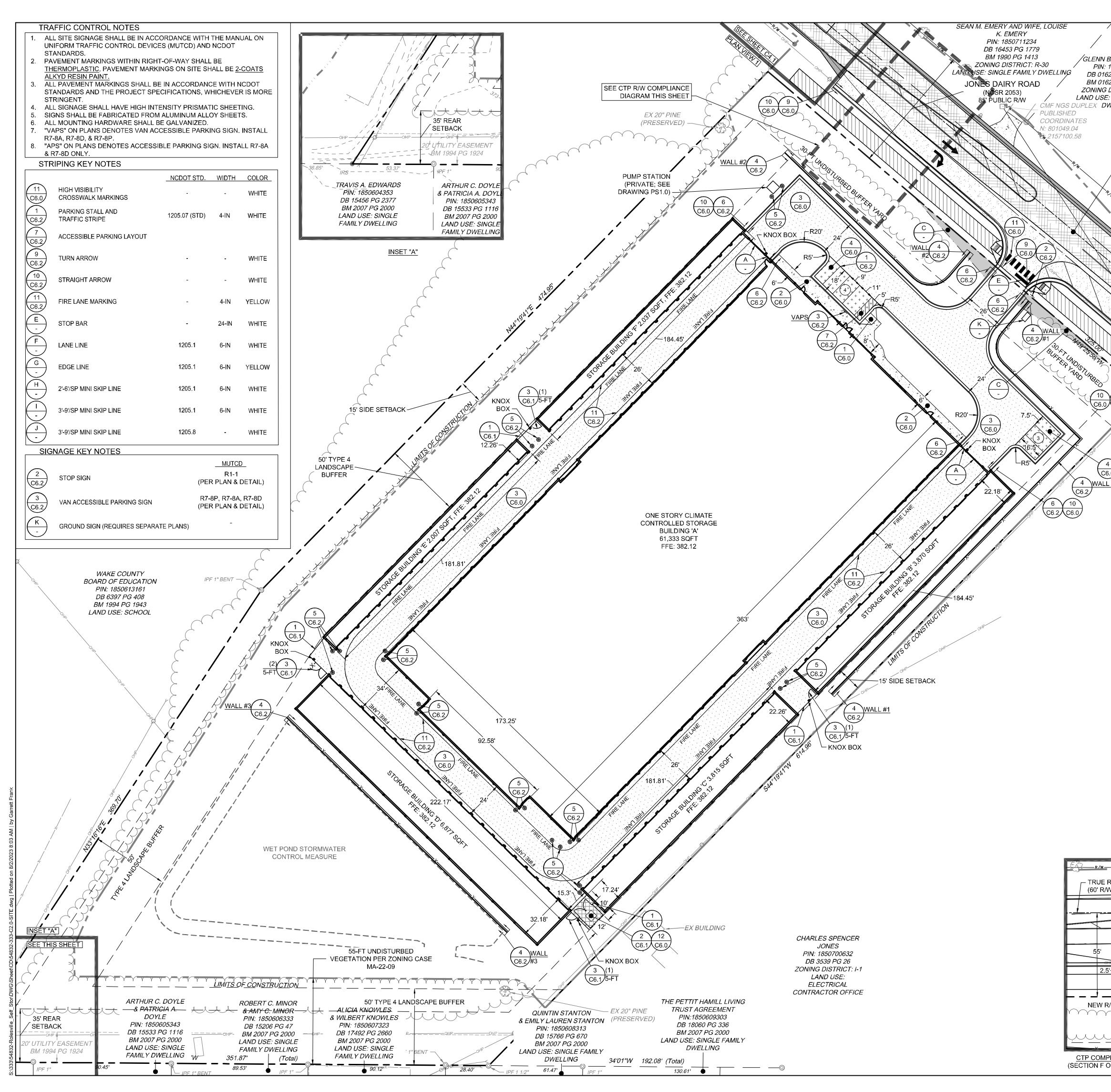
Failure to notify both City Departments in advance of beginning construction, will result in the issuance of *monetary fines*, and require reinstallation of any water or sewer facilities not inspected as a result of this notification failure.

Failure to call for **Inspection**. **Install a Downstream Plug**, have Permitted Plans on the Jobsite, or any other Violation of City of Raleigh Standards will result in a Fine and Possible Exclusion from future work in the City of Raleigh.

	Sheet L	ist Table	
		Sheet Title	
	EVICT		
	EXIST	NG CONDITIONS & DEMOLITION PLAN	
		VEHICULAR ROUTING PLAN	
		GRADING & DRAINAGE PLAN	
		STORM SEWER PROFILES	
		STORM SEWER PROFILES	
		SCM PLAN & PROFILE	
		SCM NOTES & DETAILS	
		SITE UTILITY PLAN	
		SITE UTILITY PLAN & PROFILE	
		FIRE HOSE LAY PLAN	
	EROSION	& SEDIMENATION CONTROL PLAN - PH	
	EROSION	& SEDIMENATION CONTROL PLAN - PH	II
		SITE DETAILS	
		ID STABILIZATION AND MATERIALS HAN	
		SPECTION, RECORDKEEPING, AND REP	
		AN - DEMO, SITE AND SIGNAGE & STRI	
	ROAD WIDENING PLAI	N - GRADING, DRAINAGE & EROSION CO	
		LANDSCAPE PLAN	
		TREE PRESERVATION PLAN	
		ANDSCAPE NOTES AND DETAILS	
		MP STATION SITE AND FORCEMAIN	
		MP STATION NOTES AND DETAILS	
		ULIC ANALYSIS LAYOUT AND RESULTS	
		ECTUAL ELEVATIONS - BUILDING A & B	
		SITE PHOTOMETRICS	
		SHEFHOTOMETRICS	
			Г
			EROSION CONTROL, STORMWATER
			AND FLOODPLAIN MANAGEMENT
			EROSION CONTROL \square S STORMWATER MGMT. \square S-
			FLOOD STUDY S
			DATE
			INVIDONMENTAL CONSILITANT SIZNATI DE
			ENVIRONMENTAL CONSULTANT SIGNATURE
		CITY OF RALEIGH - PLANS A	JTHORIZED FOR CONSTRUCTION
			AL IS BEING ISSUED ELECTRONICALLY. THIS
Public	;	APPROVAL IS VALID ONLY UPON THE S	
	tension System	RALEIGH REVIEW OFFICER BELOW. THE APPROVED PLANS. ANY WORK AUTHO	
hown on t	ection and extension of the his plan. The material and		PLANS KEPT ON FILE WITH THE CITY. THIS
this proje	ct shall conform to the Public Utilities Handbook.	ELECTRONIC APPROVAL MAY NOT BE E	DITED ONCE ISSUED. ANY
·		MODIFICATION TO THIS APPROVAL ON APPROVAL.	CE ISSUED WILL INVALIDATE (HIS
nit #			OVAL
		CITY OF RALEIGH DEVELOPMENT APPR	RALEIGH WATER REVIEW OFFICER

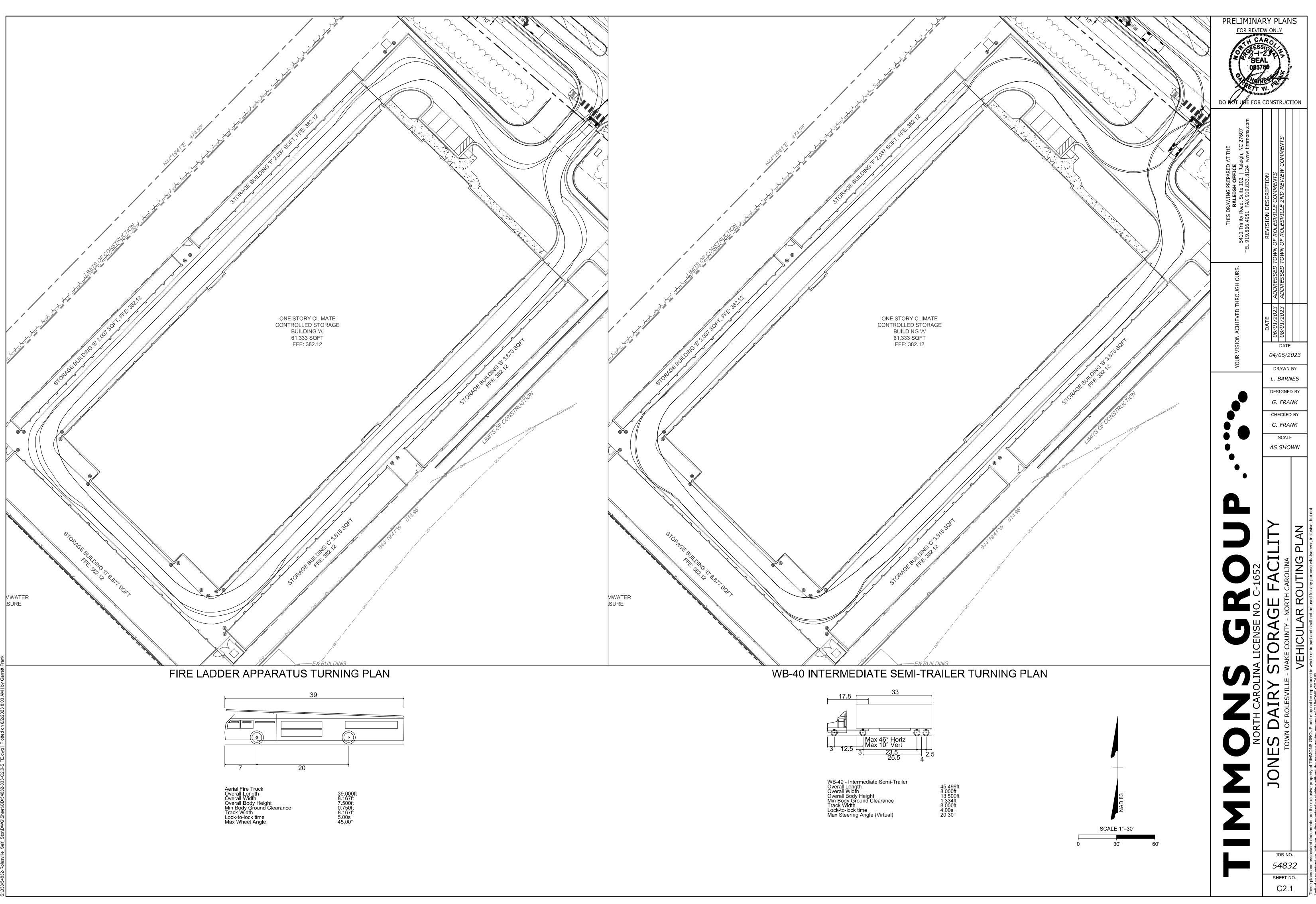


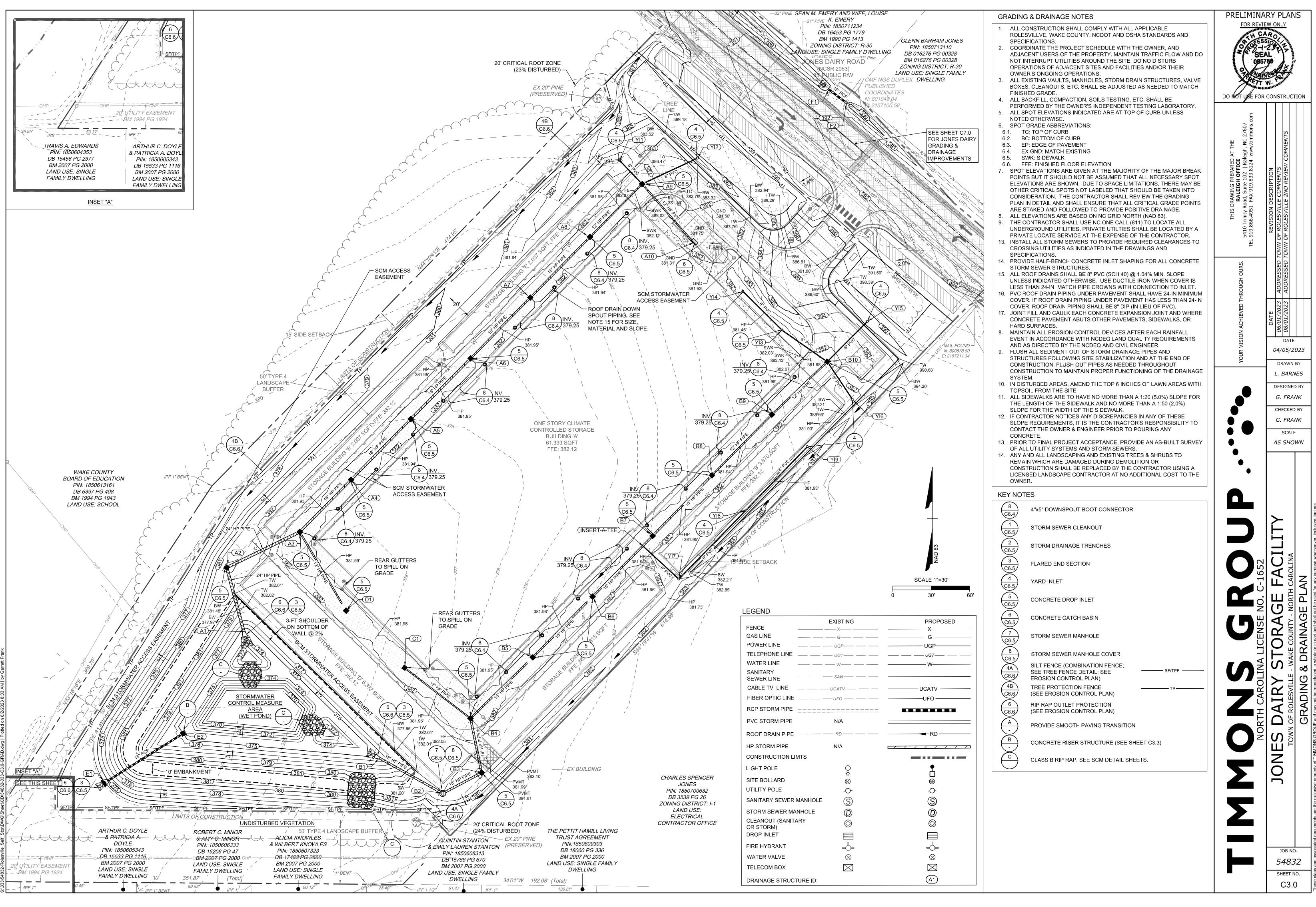


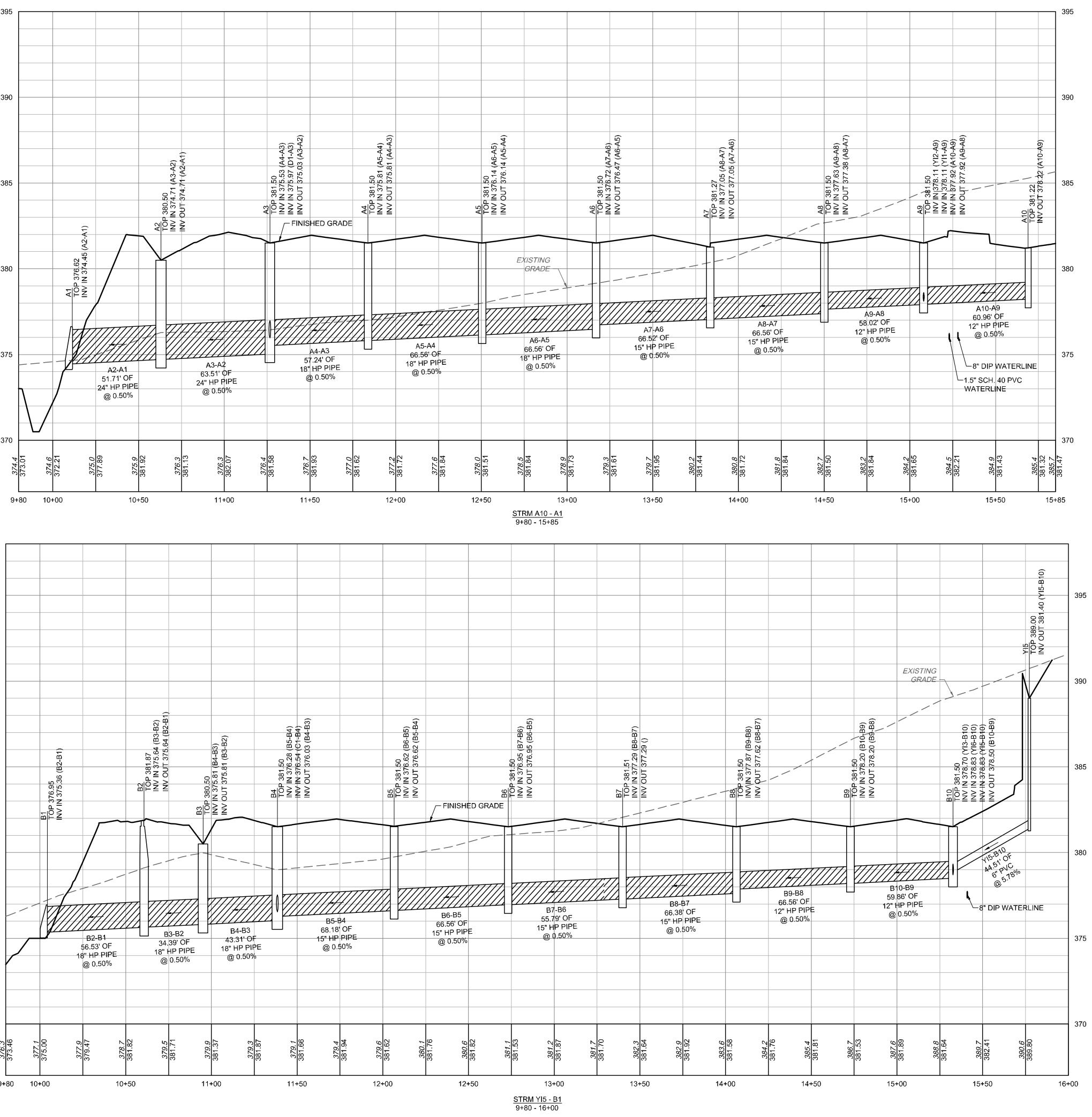


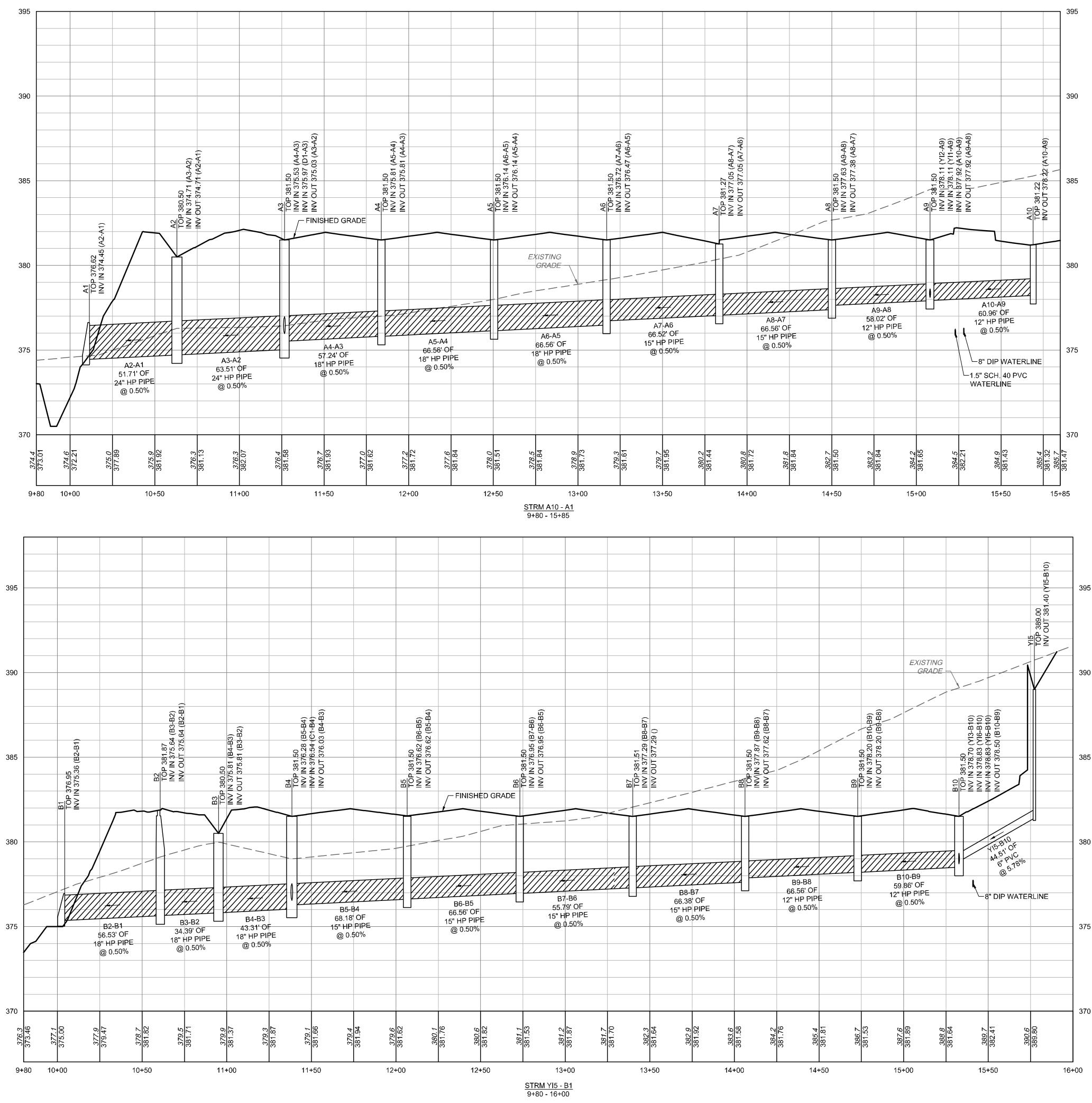
	SITE LAYOUT NOTES	PRELIMINA		
	1. ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE ROLESVILLE, WAKE COUNTY, NCDOT AND OSHA STANDARDS AND	FOR REVIE	ROMMAN	
BARHAM JONES 1850713110	SPECIFICATIONS. 2. ALL DIMENSIONS ARE TO FACE OF CURB, EDGE OF PAVEMENT, PLUE DINC WALL FACE OF PROPERTY LINE LINE SECTION	O CONTRACTOR	237 2	
6276 PG 00328 6276 PG 00328 DISTRICT: R-30	 BUILDING WALL FACE OR PROPERTY LINE, UNLESS OTHERWISE NOTED. 3. ALL RADII ARE DIMENSIONED FROM BACK OF CURB. IF NOT STATED, 	C (4 SE/ 0,957	80 X	
E: SINGLE FAMILY WELLING	 ALL TRADITARE DIMENSIONED FROM BACK OF CORD. IF NOT STATED, RADII DIMENSION IS 5'. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, UTILITIES AND 	-	Res and	
	GRADES PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCING ANY RELATED	and an	W. Munimum	
	CONSTRUCTION. 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL	DO NOT USE FOR		-
	OF ALL WASTE MATERIALS GENERATED DURING CONSTRUCTION AND FOR OBTAINING ALL APPLICABLE PERMITS FOR OFF-SITE STOCKPILES AND/OR WASTE AREAS.	, com		
SEE SHEETS C7.0	 6. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES DURING CONSTRUCTION AND SHALL MAKE REPAIRS AT NO EXPENSE TO THE 	: 27607 mmons.	VTS	
& C7.1 FOR ROAD IMPROVEMENTS	OWNER. 7. AT LEAST 72 HOURS PRIOR TO CONSTRUCTION OR EXCAVATION THE	AT THE eigh, NC 27607 www.timmons.com	COMMENTS	
~	CONTRACTOR SHALL NOTIFY "NORTH CAROLINA ONE CALL" (811) OR (1-800-632-4949) TO HAVE EXISTING UTILITIES LOCATED. ALL PRIVATE UTILITIES SHALL BE LOCATED AS NEEDED BY A PRIVATE UTILITY	· •		
P.W.	LOCATE COMPANY EMPLOYED BY THE CONTRACTOR. 8. ALL CURB AND GUTTER OFFSITE SHALL BE 30" WIDE UNLESS NOTED		ESCRIPTION COMMENTS 2ND REVIEW	
	OTHERWISE. 9. ALL DISTURBED CURB & GUTTER AND ASPHALT SHALL BE REPLACED	kAWING PF RALEIGH ad, Suite 1 FAX 919.8	DESCRIPTION LE COMMENTS LE 2ND REVIEI	
24	PER PROJECT DETAILS AND NCDOT STANDARDS AND SPECIFICATIONS. 10. RAISE ALL STRUCTURES AT NO ADDITIONAL COST TO THE OWNER SO THAT THE TOP OF THE STRUCTURE EQUALS THE FINISH GRADE OF	<u> </u>		
	THE NEW ASPHALT. 11. COORDINATE THE PROJECT SCHEDULE WITH THE CIVIL ENGINEER	THIS D 5410 Trinity Rc 919.866.4951	REVISION ROLESVIL	
	AND OWNER. ANY UTILITY INTERRUPTIONS SHALL BE COORDINATED WITH THE OWNER AT LEAST 72 HOURS PRIOR TO THE INTERRUPTION.	54 ⁻ TEL 910	R N OF	
	 PROVIDE A SMOOTH TRANSITION BETWEEN NEW ASPHALT AND EXISTING ASPHALT SURFACES. ALL SIDEWALKS ARE TO HAVE NO MORE THAN A 1:20 (5.0%) SLOPE FOR 	·	TOWN	
	THE LENGTH OF THE SIDEWALK AND NO MORE THAN A 1:50 (2.0%) SLOPE FOR THE WIDTH OF THE SIDEWALK. NOTIFY ENGINEER IF THIS	ours.	ADDRESSED ADDRESSED	
	CANNOT BE ACHIEVED. KEY NOTES	DUGH	ADDRESS	
) THRO		-
	ACCESSIBLE CURB RAMP	HIEVED	DATE /01/202. /01/202.	
9 C6.0	C6.0 STANDARD DUTY CONCRETE PAVEMENT	YOUR VISION ACHIEVED THROUGH OURS	DAT 06/01/ 08/01/	
NAIL FOUND	3 HEAVY DUTY ASPHALT PAVEMENT	VISIC	DATE 04/05/2023	
N: 800878.50 E: 2157211.34		YOUR	DRAWN BY	_
			L. BARNES	
4 5.0			DESIGNED BY	
<u>L #1</u>	C6.0 NCDOT ASPHALT (<6' WIDTH)		G. FRANK	
	C6.0 NCDOT OVERLAY		G. FRANK	
	ASPHALT MULTI-USE PATH		SCALE	
	9 C6.0 NCDOT 30" CONCRETE CURB & GUTTER		AS SHOWN	_
		•		
	HEAVY DUTY CONCRETE PAVEMENT			
	6.1 8-FT ORNAMENTAL FENCE			hut not
	DUMPSTER ENCLOSURE			nchisive
	ORNAMENTAL GATES WITH KNOX BOX			oever i
				e whats
	BOLLARD TYP.	1652		
				d for any
	C6.2 24" CONCRETE CURB & GUTTER			t he use
	METAL SECURITY GATE (SEE ARCHITECTURAL PLANS)			shall not
	B - RELOCATE OR PROVIDE TURN DOWN GUY WIRE BAR			113
	C 10-FT X 70-FT SIGHT TRIANGLE		I 🖸 📶 🖽	- - - - -
	D 1.5" MILL & LAP JOINT (1.5" S-9.5B)	IAŽ	SIT SIT) odw ci P
				Produce
		AR	AIR' ROLESVII	of he re
AVE AVE		Ξ.		OLIP and may not he
R/W CENTERLINE				OLIP and
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-12'			۲ ا	exclusive nr
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-10'	8			nts are t
	NAD 83			docime
	SCALE 1"=30'		JOB NO.	sociated -
<u> </u>	0 30' 60'		54832	and associ
			SHEET NO.	- Jans
OF NCDOT MOBILITY)		I	C2.0	These

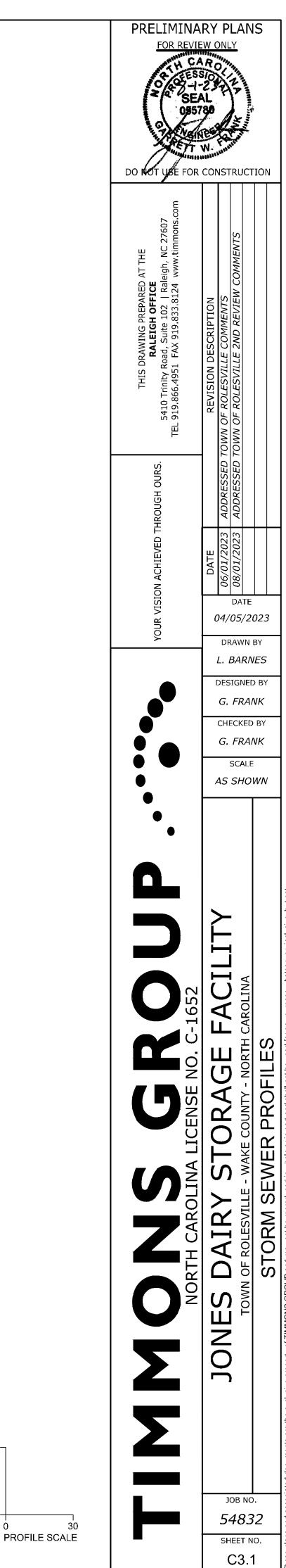
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		STO	RM PIPE TABL	E		1
PIPE #	DIA	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DESCRIPTION
B2-B1	18"	375.64	375.36	0.50%	56.53 LF	18" HP PIPE
B3-B2	18"	375.81	375.64	0.50%	34.39 LF	18" HP PIPE
B7-B6	15"	377.23	376.95	0.50%	55.79 LF	15" HP PIPE
YI5-B10	6"	381.40	378.83	5.78%	44.51 LF	6" PVC
YI6-B10	6"	379.02	378.83	0.54%	35.39 LF	6" PVC
Y19-Y18	6"	378.83	378.45	0.56%	68.94 LF	6" PVC
YI8-YI7	6"	378.45	378.03	0.56%	75.21 LF	6" PVC
B4-B3	18"	376.03	375.81	0.50%	43.31 LF	18" HP PIPE
D1-A3	12"	378.50	375.97	3.54%	71.40 LF	12" HP PIPE
С1-В4	12"	379.50	376.54	4.56%	64.94 LF	12" HP PIPE
B5-B4	15"	376.62	376.28	0.50%	68.18 LF	15" HP PIPE
B6-B5	15"	376.95	376.62	0.50%	66.56 LF	15" HP PIPE
B8-B7	15"	377.62	377.29	0.50%	66.38 LF	15" HP PIPE
B9-B8	12"	378.20	377.87	0.50%	66.56 LF	12" HP PIPE
B10-B9	12"	378.50	378.20	0.50%	59.86 LF	12" HP PIPE
YI3-B10	6"	378.97	378.70	0.62%	43.08 LF	6" PVC
YI2-A9	6"	380.33	378.11	4.66%	47.66 LF	6" PVC
YI1-A9	6"	378.52	378.11	1.59%	25.55 LF	6" PVC
A2-A1	24"	374.71	374.45	0.50%	51.71 LF	24" HP PIPE
A3-A2	24"	375.03	374.71	0.50%	63.51 LF	24" HP PIPE
A4-A3	18"	375.81	375.53	0.50%	57.24 LF	18" HP PIPE
A5-A4	18"	376.14	375.81	0.50%	66.56 LF	18" HP PIPE
A6-A5	18"	376.47	376.14	0.50%	66.56 LF	18" HP PIPE
A7-A6	15"	377.05	376.72	0.50%	66.52 LF	15" HP PIPE
A8-A7	15"	377.38	377.05	0.50%	66.56 LF	15" HP PIPE
A9-A8	12"	377.92	377.63	0.50%	58.02 LF	12" HP PIPE
A10-A9	12"	378.22	377.92	0.50%	60.96 LF	12" HP PIPE
YI4-YI3	6"	379.23	378.97	0.62%	42.89 LF	6" PVC
YI7-INSERT-A-TEE	6"	378.03	377.81	0.56%	38.34 LF	6" PVC
E2-E1	15"	373.80	373.40	0.56%	71.44 LF	15" RCP
	15"	377.29	377.23	0.50%	10.94 LF	15" HP PIPE

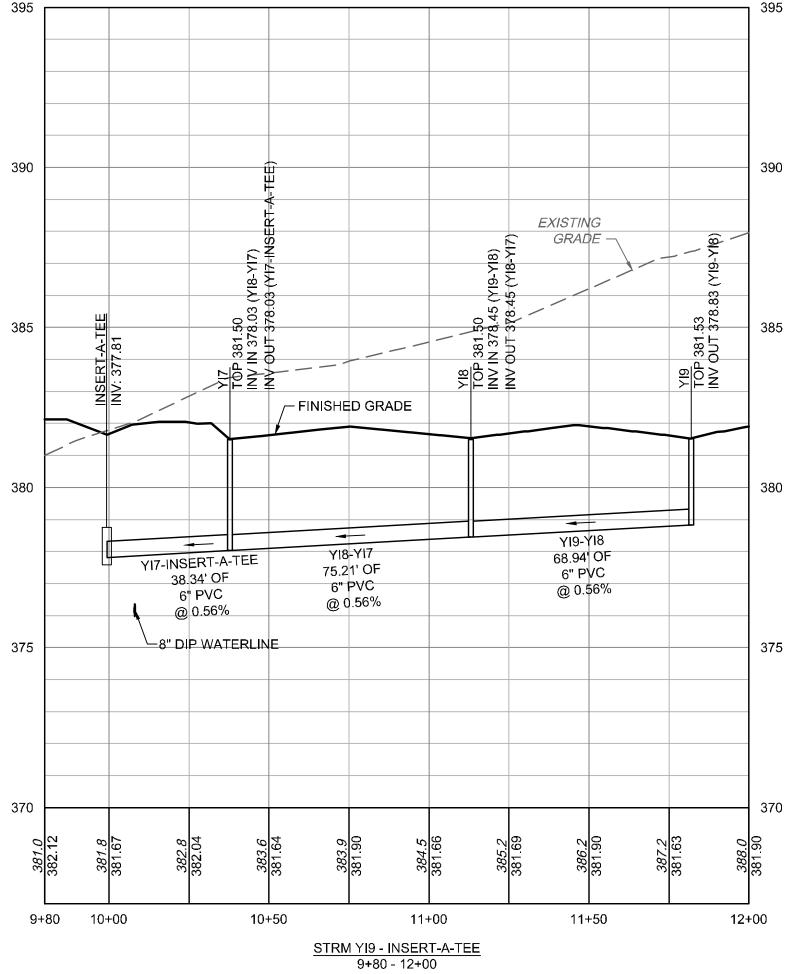
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STRUCTURE #	ТОР	STRUCTURE HEIGHT	DESCRIPTION
A1	376.62	N/A	24" FES
A2	380.50	5.79'	CONCRETE DROP INLE
A3	381.50	6.47'	CONCRETE DROP INLE
A4	381.50	5.69'	CONCRETE DROP INLE
A5	381.50	5.36'	CONCRETE DROP INLE
A6	381.50	5.03'	CONCRETE DROP INLE
A7	381.27	4.22'	CONCRETE DROP INLE
A8	381.50	4.12'	CONCRETE DROP INLE
A9	381.50	3.58'	CONCRETE DROP INLE
A10	381.22	3.00'	CONCRETE CURB INLE
B1	376.95	N/A	18" FES
B2	381.87	6.23'	MANHOLE
B3	380.50	4.69'	CONCRETE DROP INLE
B4	381.50	5.47'	CONCRETE DROP INLE
B5	381.50	4.88'	CONCRETE DROP INLE
B6	381.50	4.55'	CONCRETE DROP INLE
B7	381.51	4.22'	CONCRETE DROP INLE
B8	381.50	3.88'	CONCRETE DROP INLE
B9	381.50	3.30'	CONCRETE DROP INLE
B10	381.50	3.00'	CONCRETE DROP INLE
C1	381.50	2.00'	CONCRETE DROP INLE
D1	381.50	3.00'	CONCRETE DROP INLE
E1	374.85	N/A	15" FES
E2	379.50	5.70'	CONCRETE DROP INLE
INSERT-A-TEE	378.68	N/A	INSERT-A-TEE
Y 1	380.75	2.37'	YARD INLET
YI2	385.50	5.17'	YARD INLET
YI3	380.90	1.93'	YARD INLET
Y 4	380.90	1.67'	YARD INLET
YI5	389.00	7.74'	YARD INLET
YI6	381.50	2.48'	YARD INLET
YI7	381.50	3.47'	YARD INLET
YI8	381.50	3.06'	YARD INLET
YI9	381.53	2.70'	YARD INLET

STORM STRUCTURE TABLE

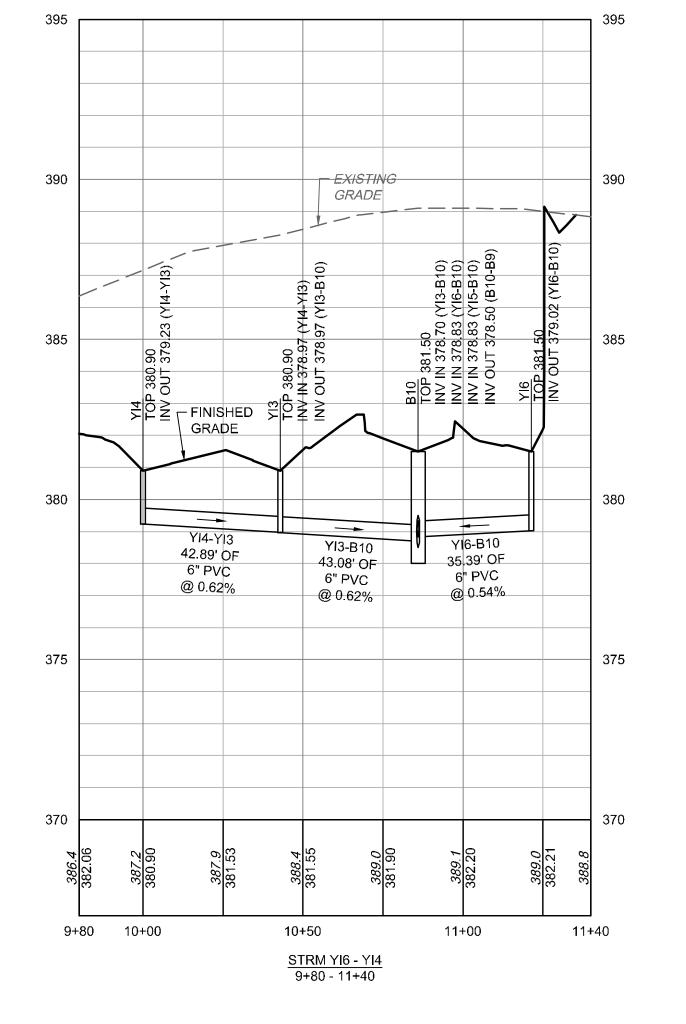
NCDOT STORM STRUCTURE TABLE					
STRUCTURE #	ТОР	STRUCTURE HEIGHT	DESCRIPTION		
F1	390.44	N/A	15" FES		
F2	390.19	N/A	15" FES		
F3	389.94	N/A	15" FES		
F4	390.44	N/A	15" FES		

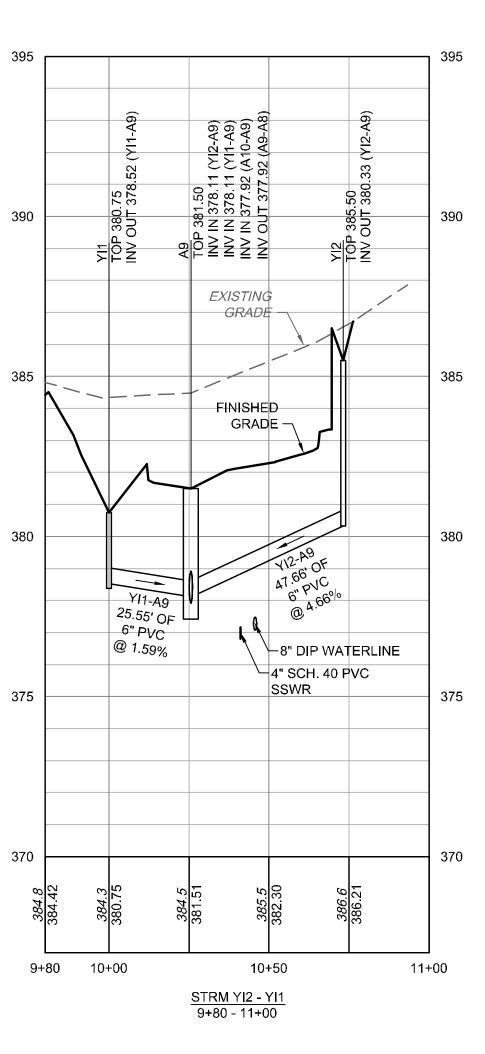
NCDOT STORM PIPE TABLE

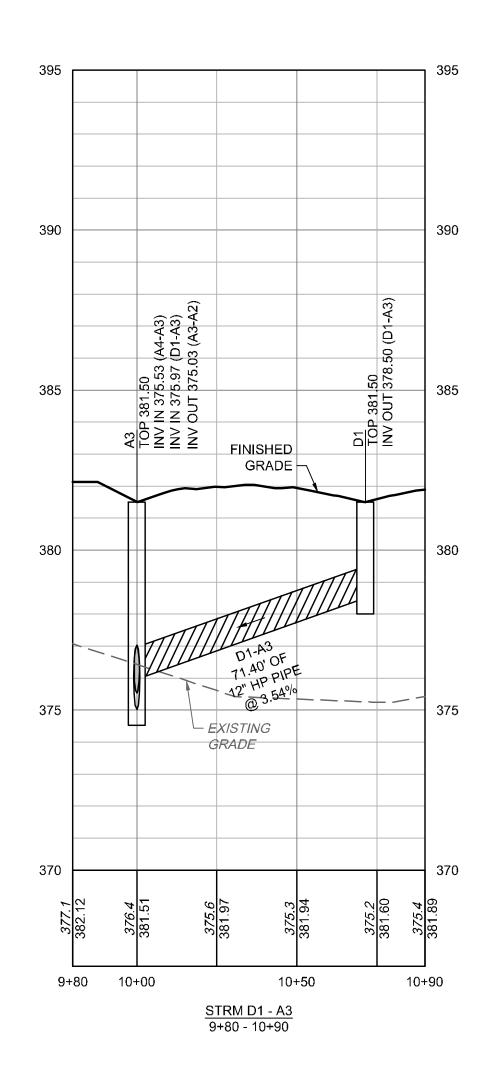
PIPE #	DIA	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DESCRIPTION
F2-F1	15"	389.00	388.75	1.43%	17.45 LF	15" RCP
F4-F3	15"	389.00	388.50	1.59%	31.45 LF	15" RCP
		•				

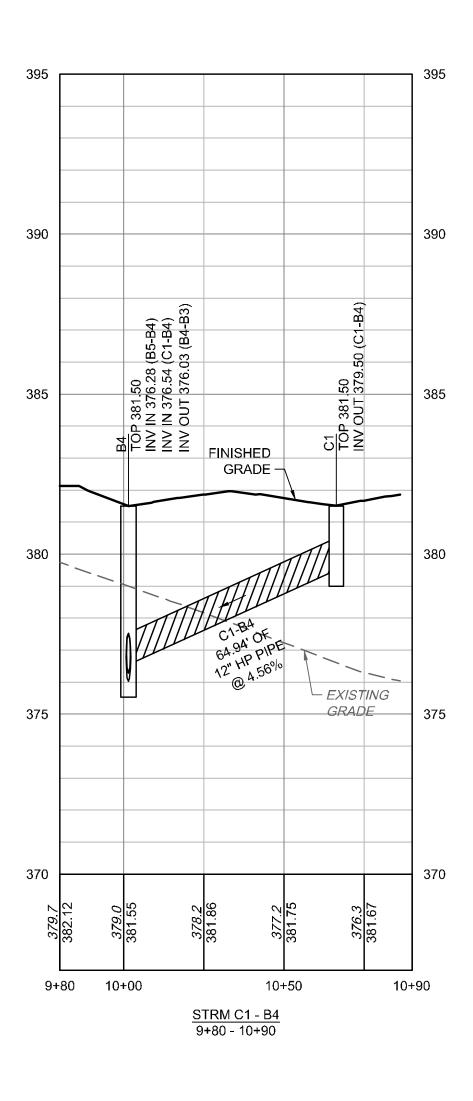


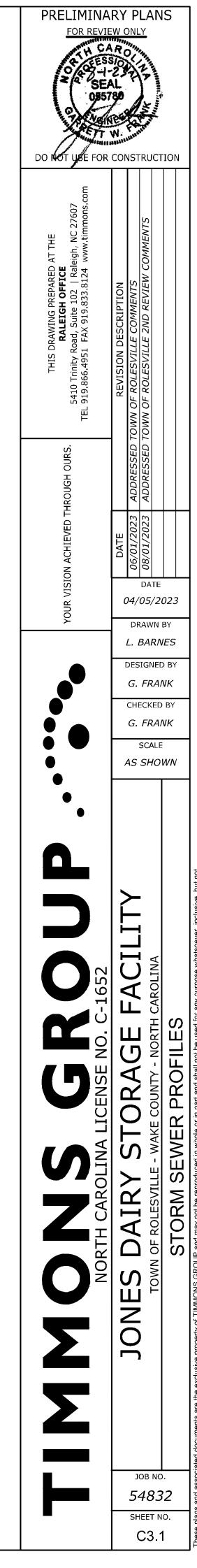
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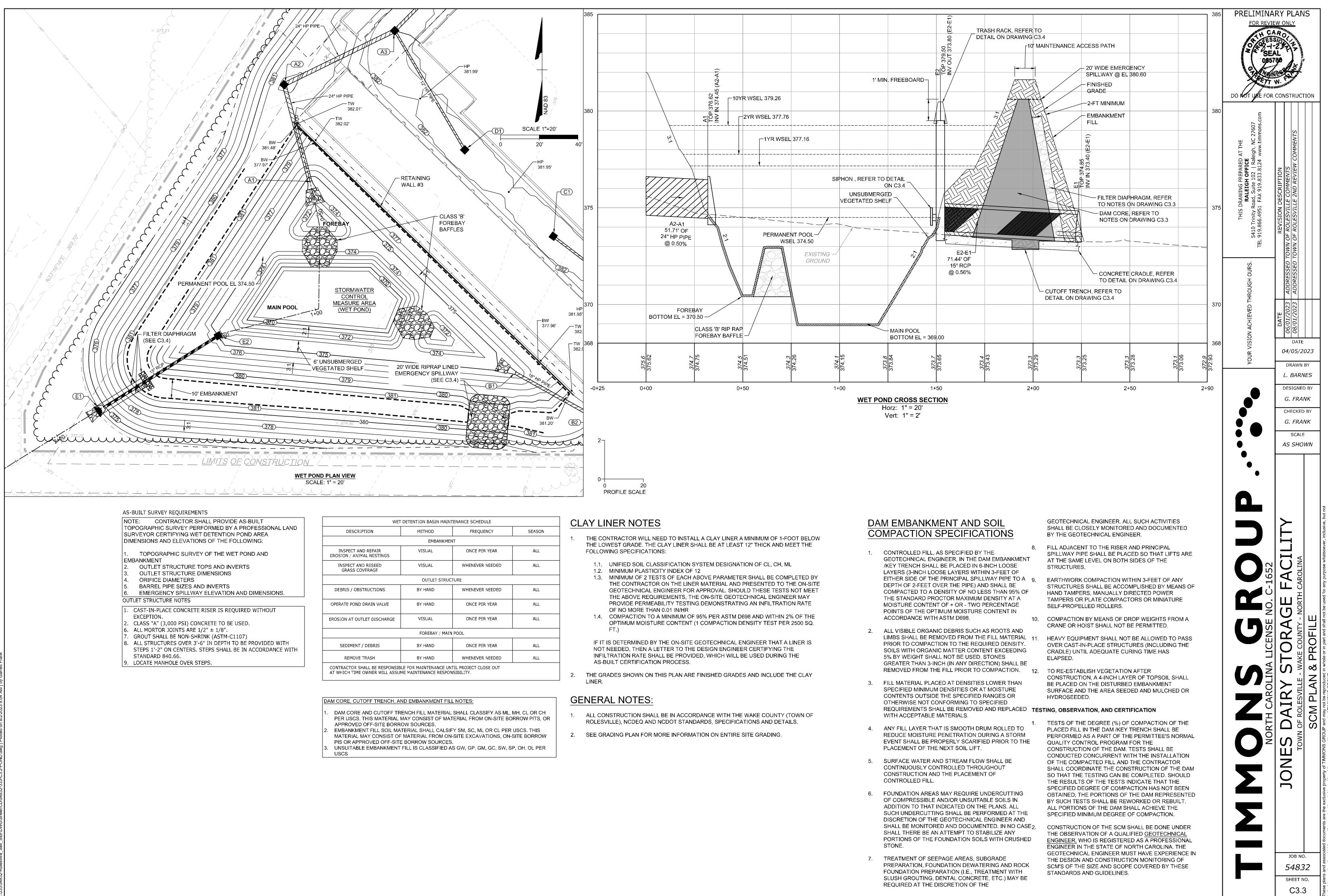
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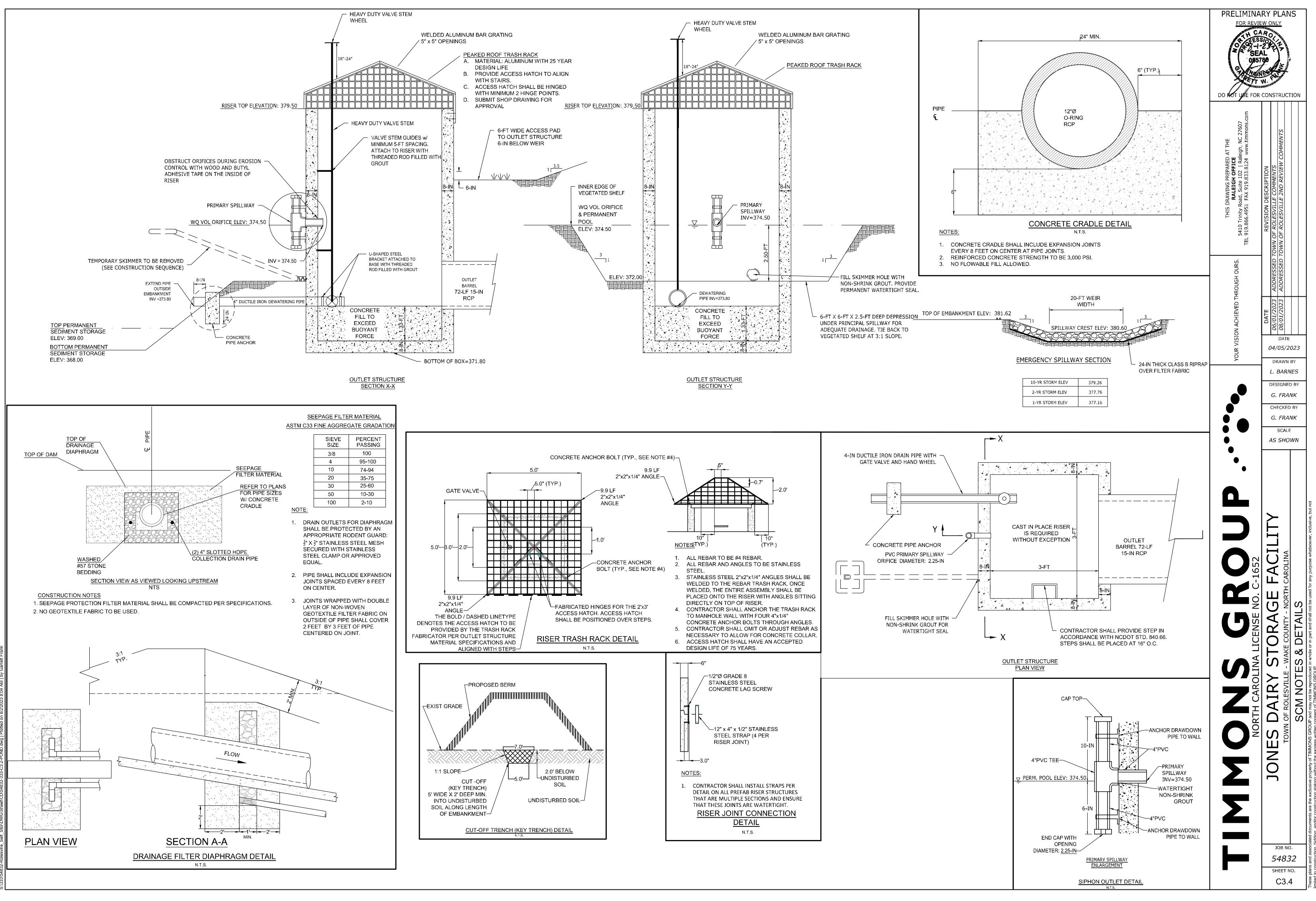
PROFILE SCALE

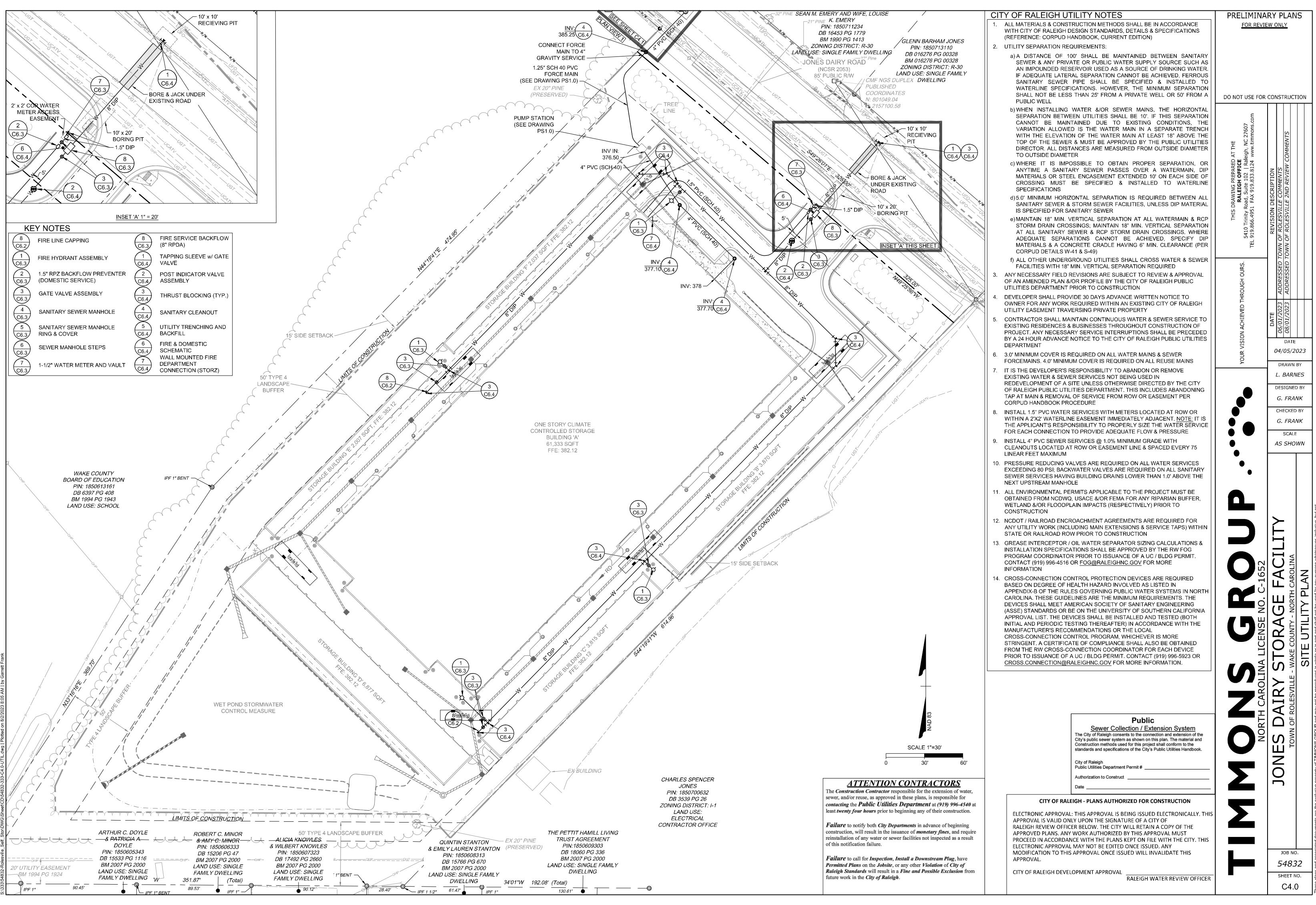
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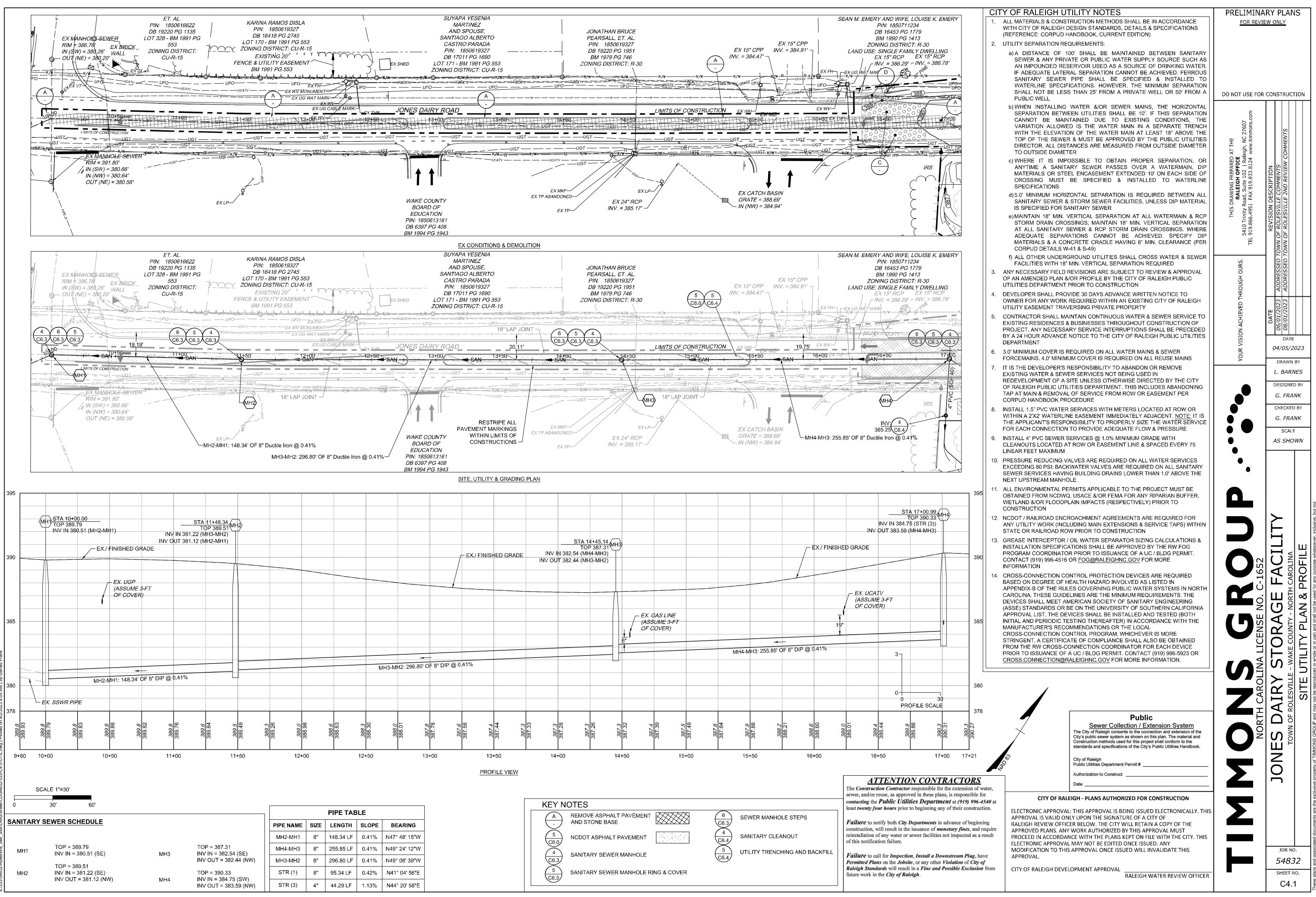


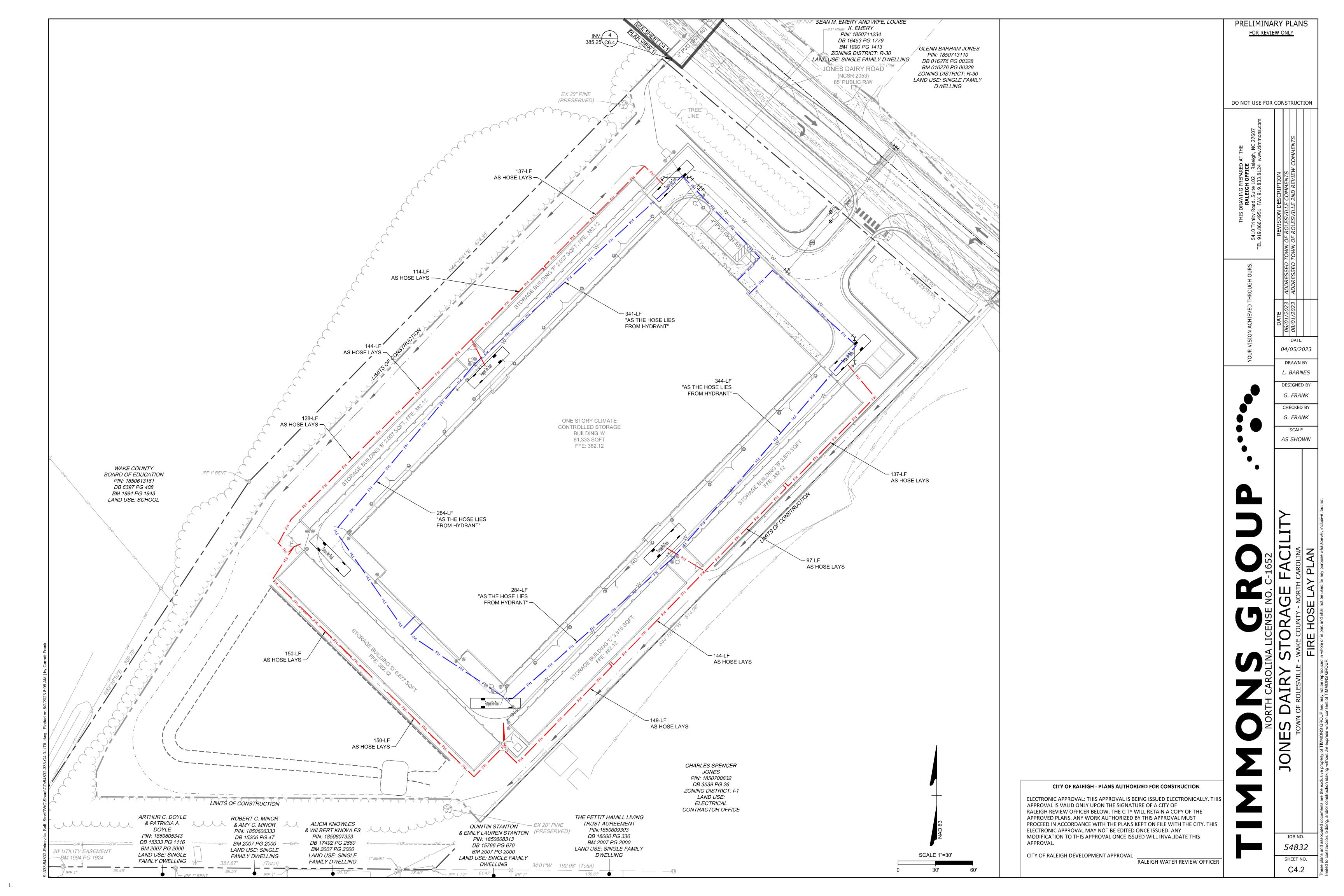
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	FREQUENCY	SEASON						
NKMENT ONCE PER YEAR ALL								
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	WHENEVER NEEDED	ALL						
STRUCTURE								
	WHENEVER NEEDED	ALL						
	ONCE PER YEAR	ALL						
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/ MAIN POOL								
	ONCE PER YEAR	ALL						
	WHENEVER NEEDED	ALL						
	TIL PROJECT CLOSE OUT							

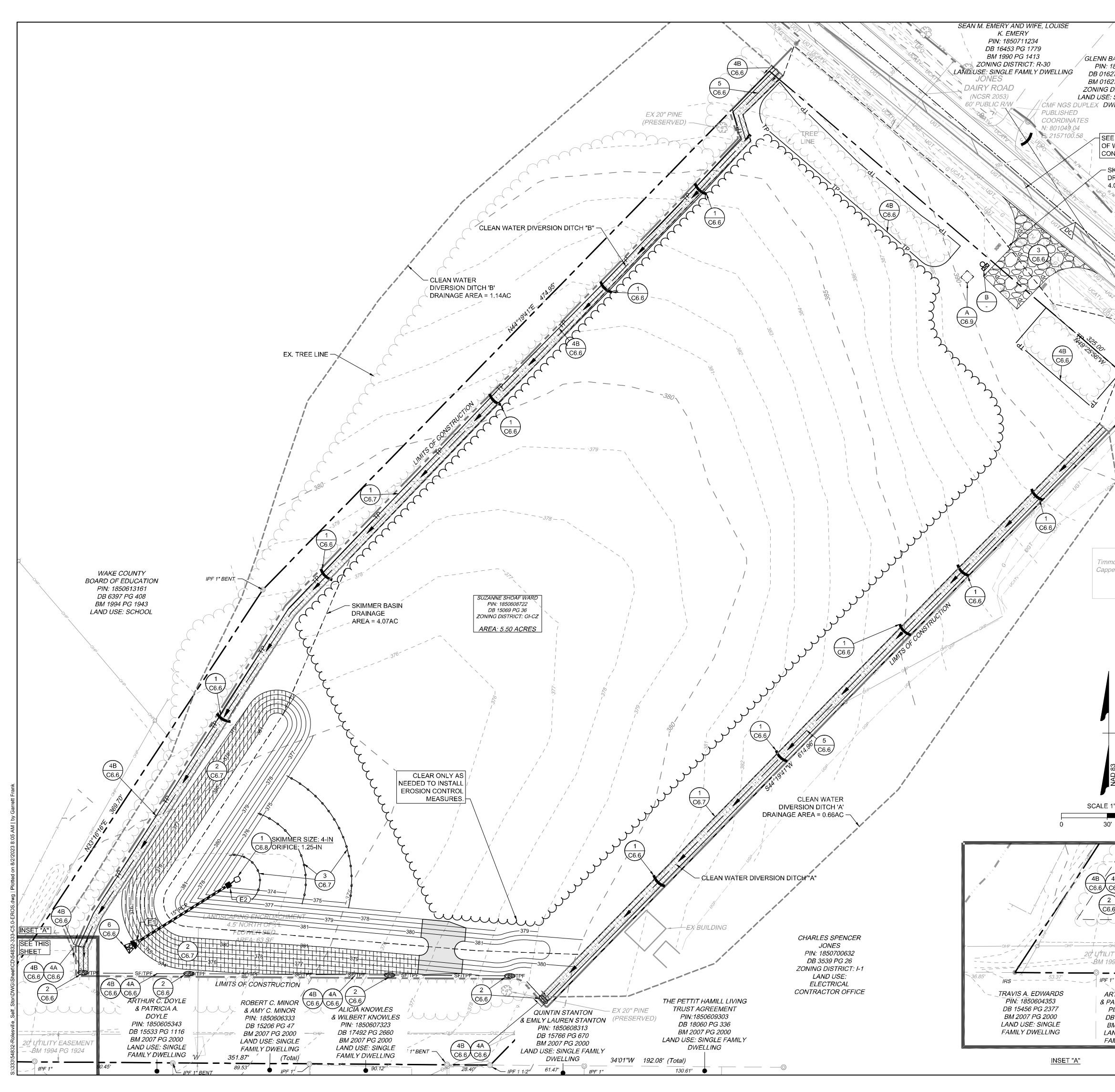




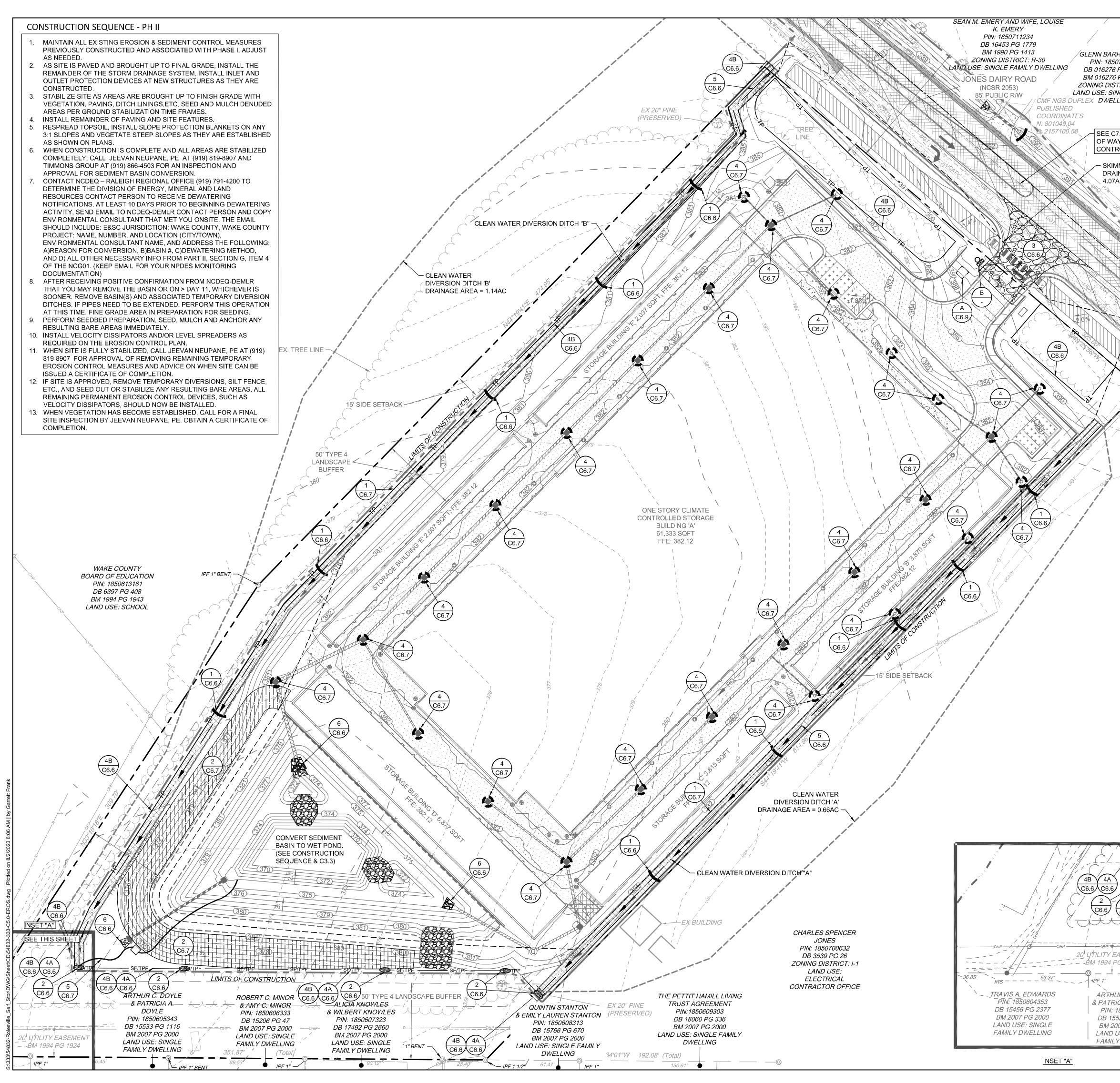
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	EROSION CONTROL NOTES	PRELIMINARY PLANS FOR REVIEW ONLY
	1. THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND	CAR O
ARHAM JONES 850713110	OFF SITE. ALL OFF-SITE SOIL BORROW AND WASTE SITES SHALL BE PROPERLY PERMITTED FOR SUCH ACTIVITIES.	0 0 0 -1-2 - 1 - 1 -
276 PG 00328 276 PG 00328	2. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT OR AS DIRECTED BY LOCAL	SEAL
DISTRICT: R-30 SINGLE FAMILY	AUTHORITIES OR ENGINEER. 3. ALL OPEN STORM PIPES SHALL BE PROTECTED WITH STONE FILTER	CT AND STATES
/ELLING	PROTECTION AFTER WORK STOPPAGE EACH DAY.	TT W. manufill
	4. ALL STORM DRAINAGE PIPES SHALL BE THOROUGHLY FLUSHED OF ALL SEDIMENT FOLLOWING SITE STABILIZATION. INTERIOR FLUSHING	DO NOT USE FOR CONSTRUCTION
C7.1 FOR RIGHT	OF SYSTEM SHALL BE PERFORMED AS NEEDED TO MAINTAIN PROPER FUNCTIONING OF THE DRAINAGE SYSTEM.	
WAY EROSION NTROL PLANS	5. THE INDICATED STAGING AREA IS INTENDED FOR VEHICLES AND NON-ERODIBLE MATERIALS ONLY. NO SOIL, SAND OR OTHER	s.com
KIMMER BASIN A	ERODIBLE, FINE GRAINED MATERIAL SHALL BE STORED OUTSIDE OF THE LIMITS OF THE SITE PROTECTED BY SEDIMENT AND EROSION	AT THE eigh, NC 27607 www.timmons.com <i>OMMENTS</i>
RAINAGE AREA = .07AC	CONTROL DEVICES AND MEASURES.6. SOIL AND OTHER MATERIALS SHALL ONLY BE TEMPORARILY	D AT THE aleigh, NC 27 www.timme <i>COMMENTS</i>
n	STOCKPILED WITHIN THE CONSTRUCTION LIMITS PROTECTED BY SEDIMENT AND EROSION CONTROL DEVICES AND MEASURES.	
	7. TREE PROTECTION INSPECTION SHALL BE COMPLETED PRIOR TO INSTALLING EROSION CONTROL DEVICES.	
N. N	8. ALL APPLICABLE E&S CONTROL MEASURES ARE TO BE PROPERLY MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED.	WING PREPAF ALEIGH OFF: , Suite 102 X 919.833.81 X 919.833.81 X 919.833.81 X 919.833.81 X 919.833.81 X 919.833.81 X 919.833.81 X 919.833.81
	9. PERMANENT GROUNDCOVER SHALL BE PROVIDED FOR ALL DISTURBED AREAS WITHIN 15 WORKING DAYS OR NO MORE THAN 90	HIS DRAWING RALEIG nity Road, Suite 4951 FAX 919 4951 FAX 919 ION DESCRIF SVILLE COMN SVILLE ZND F
	CALENDAR DAYS (WHICHEVER IS SHORTER). 10. TOTAL DISTURBED AREA: 5.70 AC.	HIS DF hIS DF 4951 SVILL
	KEYNOTES	0 Trir 866.
		541 EL 919 <i>V OF H</i>
		TOW/N
	REINFORCED SILT FENCE OUTLET	
	GRAVEL CONSTRUCTION ENTRANCE	COUGH OURS.
	C6.6 GRAVEL CONSTRUCTION ENTRANCE 4A SILT FENCE (COMBINATION FENCE;	XOUGH ADDRI
\times	C6.6 SEE TREE FENCE DETAIL)	533 U
1	4B TREE PROTECTION FENCE TP	CHIEVE DATE /01/20
	TEMPORARY DIVERSION DITCH	N ACHI DA 06/01
O ^R NAIL FOUND		
S ⁶ N: 800878.50 – E: 2157211.34	C6.6 RIPRAP OUTLET PROTECTION	YOUR VISION ACHIEVED THROUGH OURS DATE DATE 06/01/2023 ADDRESSEL 08/01/2023 ADDRESSEL
	TEMPORARY CHANNEL LINING	DRAWN BY
	2 ROLLED EROSION CONTROL PRODUCT	DESIGNED BY
	COIR MESH BAFFLES	G. FRANK CHECKED BY
	(4) INLET PROTECTION	G. FRANK
	5 C6.7) DEWATERING PUMP WITH SILT BAG	SCALE AS SHOWN
<i>T.B.M.</i>	SKIMMER BASIN	
nons Group CP #2 ed 5/8" Rebar Set N: 800,861.25'		
E: 2,157,204.12' Elev.: 392.28'	B RAIN GAUGE AND PERMIT RECORDS BOX	
	PROPOSED RCP STORM SEWER PIPES	
	PROPOSED PVC STORM SEWER PIPES	1652 -ACI AROLINA L PLA
-	SKIMMER BASIN DRAINAGE AREA — — — —	N UNO. NO. NO. NORTRING
	EXISTING CONTOUR	
	FINISHED CONTOUR	
2	DUST CONTROL	
"=30'	CONSTRUCTION SEQUENCE - PH I	
60'	1. OBTAIN AN APPROVED PLAN AND APPLICABLE PERMIT PRIOR TO COMMENCING ANY LAND DISTURBING ACTIVITY. A COPY OF THE	
	APPROVED PLAN AND APPROVAL LETTER MUST BE ON FILE AT THE JOB SITE. NOTIFY EROSION CONTROL AUTHORITIES OF PROPOSED	
	STARTING DATE OF LAND DISTURBING ACTIVITIES BY CALLING JEEVAN NEUPANE, PE AT (919) 819-8907.	
	 SCHEDULE A PRECONSTRUCTION CONFERENCE WITH JEEVAN NEUPANE, PE BY CALLING AT (919) 819-8907. OBTAIN A LAND 	
4A 6.6	DISTURBING PERMIT. 3. INSTALL GRAVEL CONSTRUCTION PAD, TEMPORARY DIVERSIONS, SILT	
5	FENCE, SEDIMENT BASINS OR OTHER MEASURES AS SHOWN ON THE APPROVED PLAN. CLEAR ONLY AS NECESSARY TO INSTALL THESE	
	DEVICES. SEED TEMPORARY DIVERSIONS, BERMS AND BASINS IMMEDIATELY AFTER CONSTRUCTION.	
	4. INSTALL STORM STRUCTURES E2-E1 WITH RIP RAP OUTLET PROTECTION RR-1 AS SHOWN ON PLANS (PRIOR TO SKIMMER BASIN	
HP = = = GHP TY EASEMENT	INSTALLATION) 5. CALL ENVIRONMENTAL CONSULTANT, JEEVAN NEUPANE, PE, FOR AN	
94 PG 1924	ONSITE INSPECTION BY THE ENVIRONMENTAL CONSULTANT TO OBTAIN A CERTIFICATE OF COMPLIANCE.	
, <u>→</u> 90,	6. BEGIN CLEARING AND GRUBBING. MAINTAIN DEVICES AS NEEDED. ROUGH GRADE SITE.	
THUR C. DOYLE	7. INSTALL STORM SEWER, IF SHOWN, AND PROTECT INLETS WITH BLOCK AND GRAVEL INLET CONTROLS, SEDIMENT TRAPS OR OTHER ADDROVED MEASURES AS SUDWIN ON THE PLAN. DECIN.	
PIN: 1850605343 B 15533 PG 1116	APPROVED MEASURES AS SHOWN ON THE PLAN. BEGIN CONSTRUCTION, BUILDING, ETC. 8. MAINTAIN ALL EROSION & SEDIMENT CONTROL MEASURES	
M 2007 PG 2000 ND USE: SINGLE	8. MAINTAIN ALL EROSION & SEDIMENT CONTROL MEASURES THROUGHOUT CONSTRUCTION. REMOVE AND STABILIZE CONSTRUCTION LAY DOWN, STAGING, DIRT & WASTE PILE AREAS. ALL	JOB NO.
MILY DWELLING	APPLICABLE E&S CONTROL MEASURES ARE TO REMAIN UNTIL PERMANENT VEGETATION IS ESTABLISHED.	SHEET NO.
	 ONCE THE SITE IS READY TO MOVE FORWARD WITH SITE PAVING, STABILIZE THE SITE AND PROCEED TO PHASE 2 EROSION CONTROL. 	C5.0



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,		ON CONTROL NOTES	STATE AND LOCAL	PRELIMINA FOR REVI		12
N BARHAM JONES N: 1850713110	OF	DDES IN OBSERVING EROSION CONTROL ME F SITE. ALL OFF-SITE SOIL BORROW AND V	VASTE SITES SHALL BE	ATH CATHES	SION 1	
16276 PG 00328 16276 PG 00328	2. TH	ROPERLY PERMITTED FOR SUCH ACTIVITIES IE CONTRACTOR SHALL MAINTAIN ALL ERO TER EACH RAINFALL EVENT OR AS DIRECT	SION CONTROL DEVICES	Z (℃ SE 0,95	AL 780	ŧ
IG DISTRICT: R-30 SE: SINGLE FAMILY DWELLING	3. AL	JTHORITIES OR ENGINEER. L OPEN STORM PIPES SHALL BE PROTECTE		97	REED	
	4. AL	ROTECTION AFTER WORK STOPPAGE EACH L STORM DRAINAGE PIPES SHALL BE THOR L SEDIMENT FOLLOWING SITE STABILIZATIO	OUGHLY FLUSHED OF	DO NOT USE FOR	W	TION
SEE C7.1 FOR RIGHT OF WAY EROSION	FU	F SYSTEM SHALL BE PERFORMED AS NEEDE INCTIONING OF THE DRAINAGE SYSTEM. IE INDICATED STAGING AREA IS INTENDED I				
CONTROL PLANS	NC EF	ON-ERODIBLE MATERIALS ONLY. NO SOIL, S RODIBLE, FINE GRAINED MATERIAL SHALL B	AND OR OTHER E STORED OUTSIDE OF	27607 1mons.con		
- SKIMMER BASIN A DRAINAGE AREA = 4.07AC	CC	IE LIMITS OF THE SITE PROTECTED BY SED ONTROL DEVICES AND MEASURES. DIL AND OTHER MATERIALS SHALL ONLY BE			COMMENTS	
	ST SE	OCKPILED WITHIN THE CONSTRUCTION LINED DEVICES	IITS PROTECTED BY AND MEASURES.	U U		
EG 2n	INS	REE PROTECTION INSPECTION SHALL BE CO STALLING EROSION CONTROL DEVICES. L APPLICABLE E&S CONTROL MEASURES A		PREPAR H OFFI 102 1 833.813	PTION MENTS REVIEW	
	9. PE	AINTAINED UNTIL PERMANENT VEGETATION RMANENT GROUNDCOVER SHALL BE PROV	IDED FOR ALL	<pre>FHIS DRAWING PREPARED RALEIGH OFFICE nity Road, Suite 102 Ral .4951 FAX 919.833.8124</pre>	DESCRIPTION LE COMMENTS LE 2ND REVIEI	
	CA	STURBED AREAS WITHIN 15 WORKING DAYS ALENDAR DAYS (WHICHEVER IS SHORTER). DTAL DISTURBED AREA: 5.70 AC.	S OR NO MORE THAN 90	IS DRA R ty Road 951 F <i>P</i>		
	KEYNC	DTES		THIS DRAWING PREPARED RALEIGH OFFICE 5410 Trinity Road, Suite 102 Ral 919.866.4951 FAX 919.833.8124	REVISION DE ROLESVILLE ROLESVILLE	
	1 C6.6	CHECK DAM	~	54: TEL 91	<u> </u>	
	2 C6.6	REINFORCED SILT FENCE OUTLET			ED TOWN ED TOWN	
	$\overbrace{3}$	GRAVEL CONSTRUCTION ENTRANCE	ROZO	H OURS		
	C6.6	SILT FENCE (COMBINATION FENCE;		Roug	ADDRESS ADDRESS	
	C6.6	SEE TREE FENCE DETAIL) TREE PROTECTION FENCE	TP	VED T	E 2023 2023	
	C6.6		···	YOUR VISION ACHIEVED THROUGH OURS.	DATE 06/01/2(08/01/2(
X Jo ^R NAIL FOUND	C6.6	TEMPORARY DIVERSION DITCH		/ISION	DATE	<u> </u>
© N: 800878.50 - E: 2157211.34	C6.6	RIPRAP OUTLET PROTECTION		YOUR	04/05/2	
X	C6.7	TEMPORARY CHANNEL LINING			L. BARI	
	$\left \begin{array}{c} 2\\ \hline C6.7 \end{array} \right $	ROLLED EROSION CONTROL PRODUCT			DESIGNE	
. USA *	3 C6.7	COIR MESH BAFFLES	_ <u></u>		CHECKEE	
	4 C6.7	INLET PROTECTION	0		G. FRA	
	5 C6.7	DEWATERING PUMP WITH SILT BAG			SCALI AS SHO	
	1 C6.8	SKIMMER BASIN				
	A C6.9	CONCRETE WASHOUT AREA	[]	•		
	$\left(\begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \end{array} \right)$	RAIN GAUGE AND PERMIT RECORDS BOX	8			
		LIMITS OF CONSTRUCTION				_
		PROPOSED RCP STORM SEWER PIPES				H
		PROPOSED HP STORM SEWER PIPES				
		PROPOSED PVC STORM SEWER PIPES			ACI	P
		PROPOSED ROOF DRAINS				
		SKIMMER BASIN DRAINAGE AREA				L N N
		EXISTING CONTOUR	420			
		FINISHED CONTOUR	4301			
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		DUST CONTROL				IAT
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C6.6					E Num Num Num Num Num Num Num Num Num Num	00
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xtitt					<u> 0</u>	
$\frac{1}{1} = \frac{1}{1} = \frac{1}$						
1994 PG 1924						
ARTHUR C. DOYLE			~~~			
PATRICIA A. DOYLL			0 83			

SCALE 1"=30'

30'

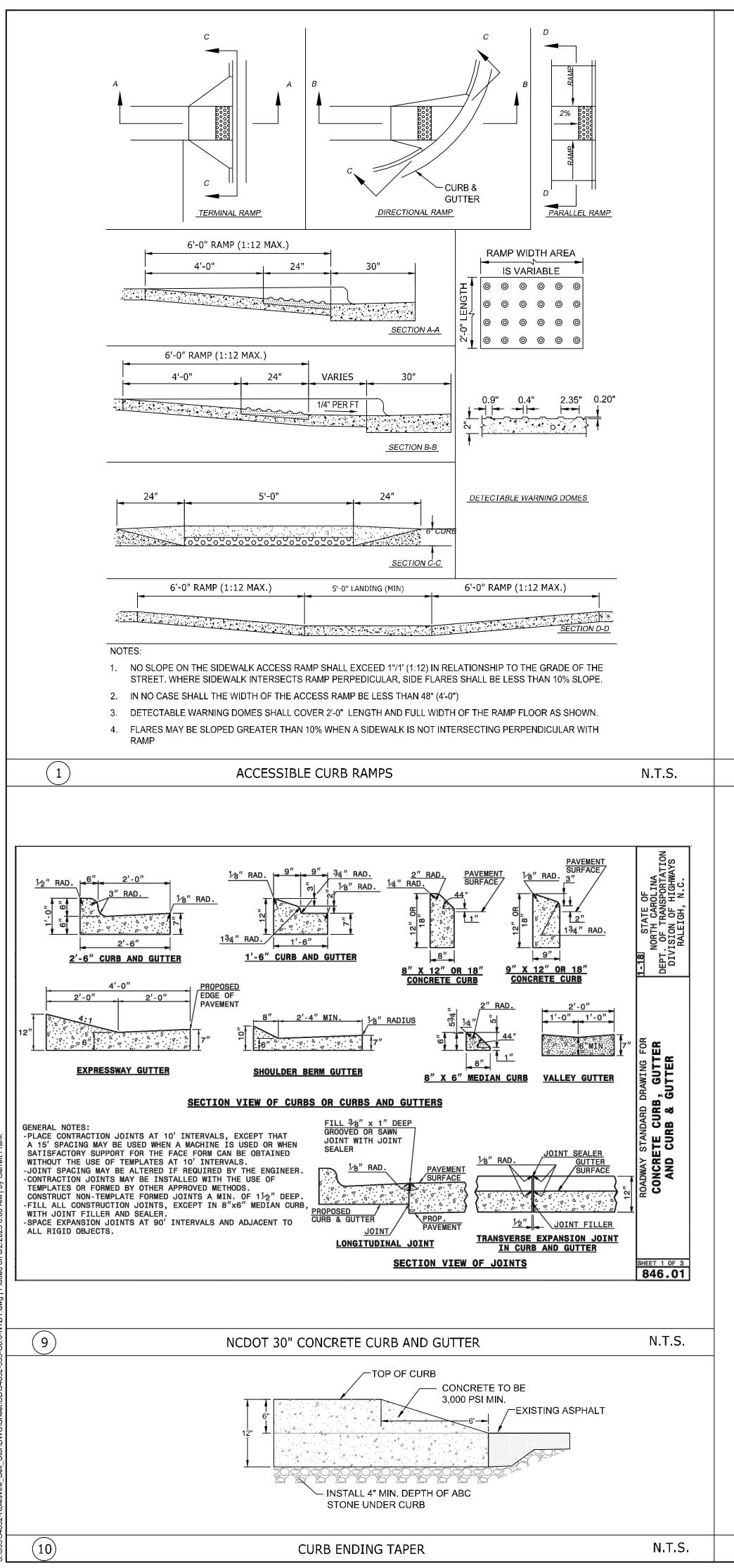
C6.6 一、大大 - OHP + 20 UTILITY EF +RF 1" ARTHUI & PATRIC PIN: 1850605343 DB 15533 PG 1116 BM 2007 PG 2000 LAND USE: SINGL FAMILY DWELLING

JOB NO.

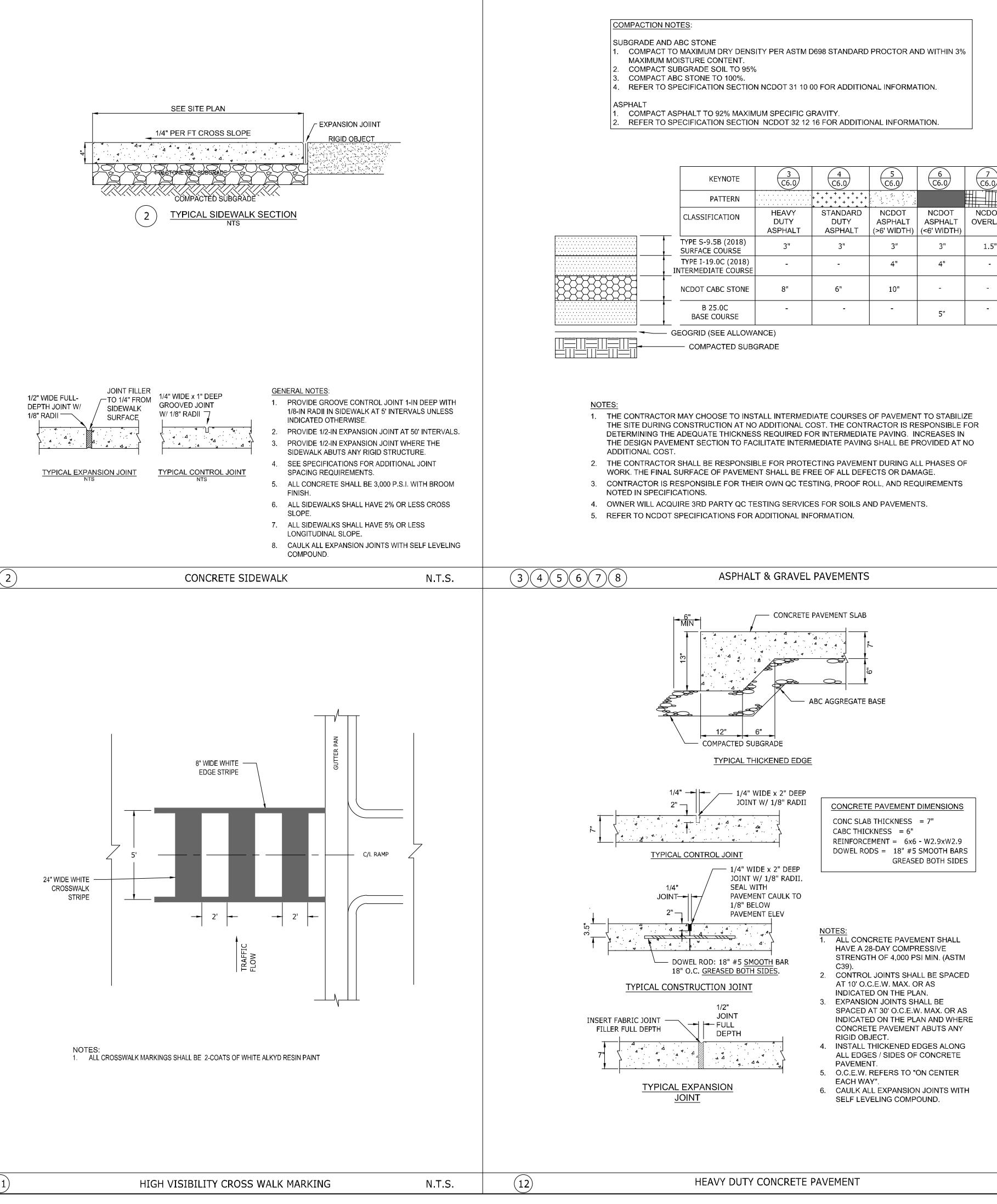
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SHEET NO.

C5.1

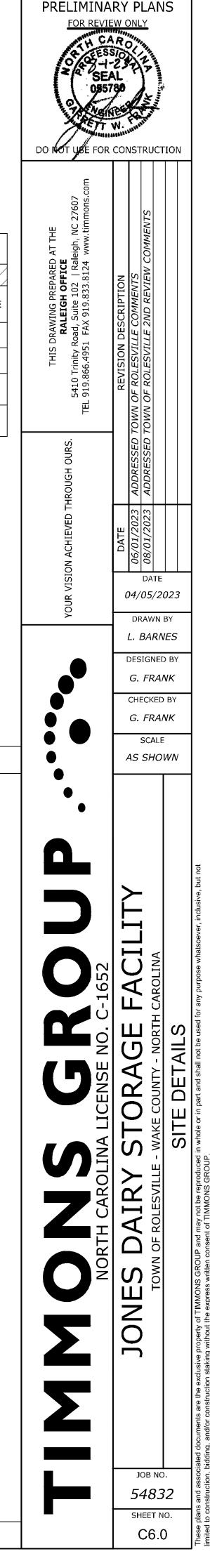


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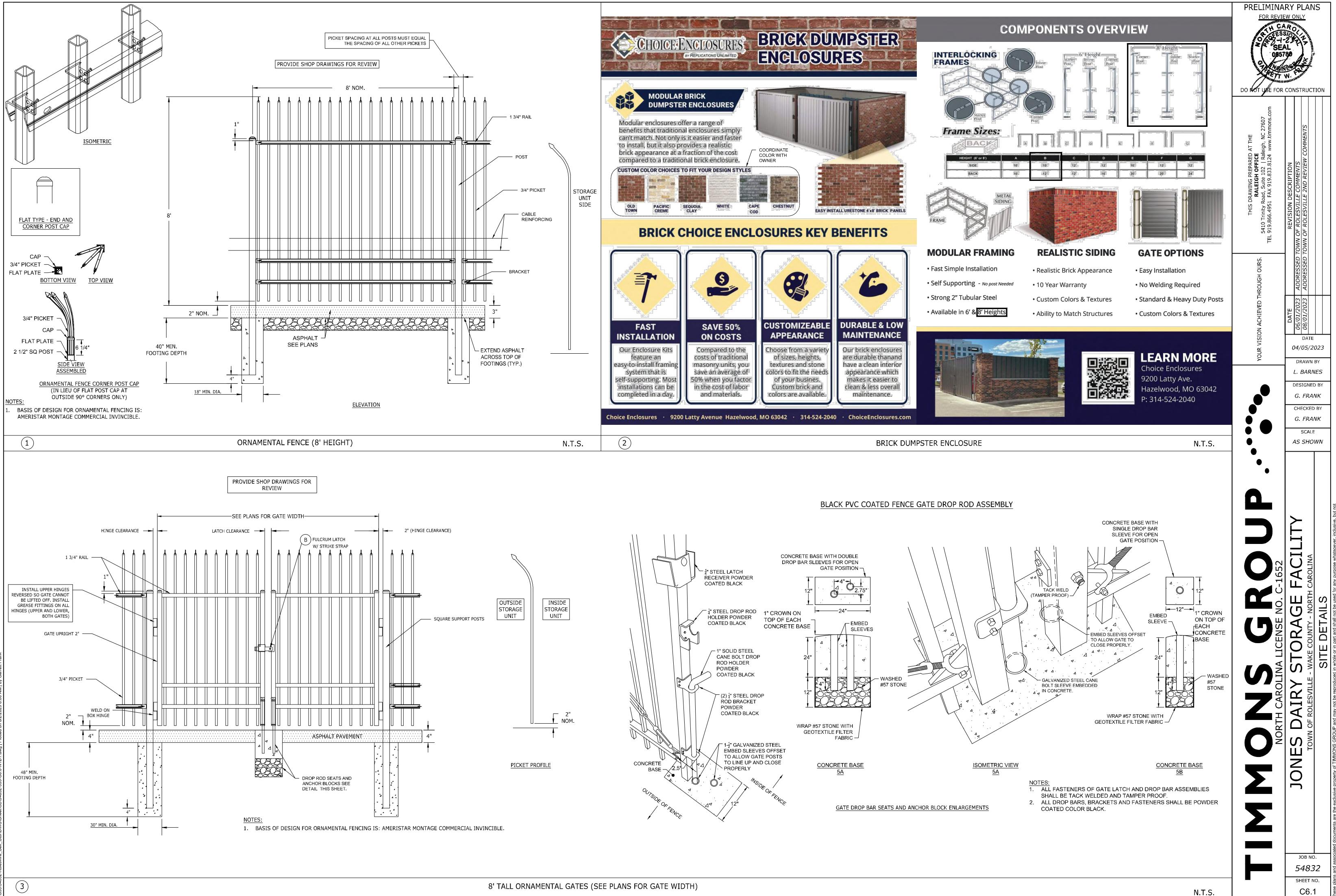


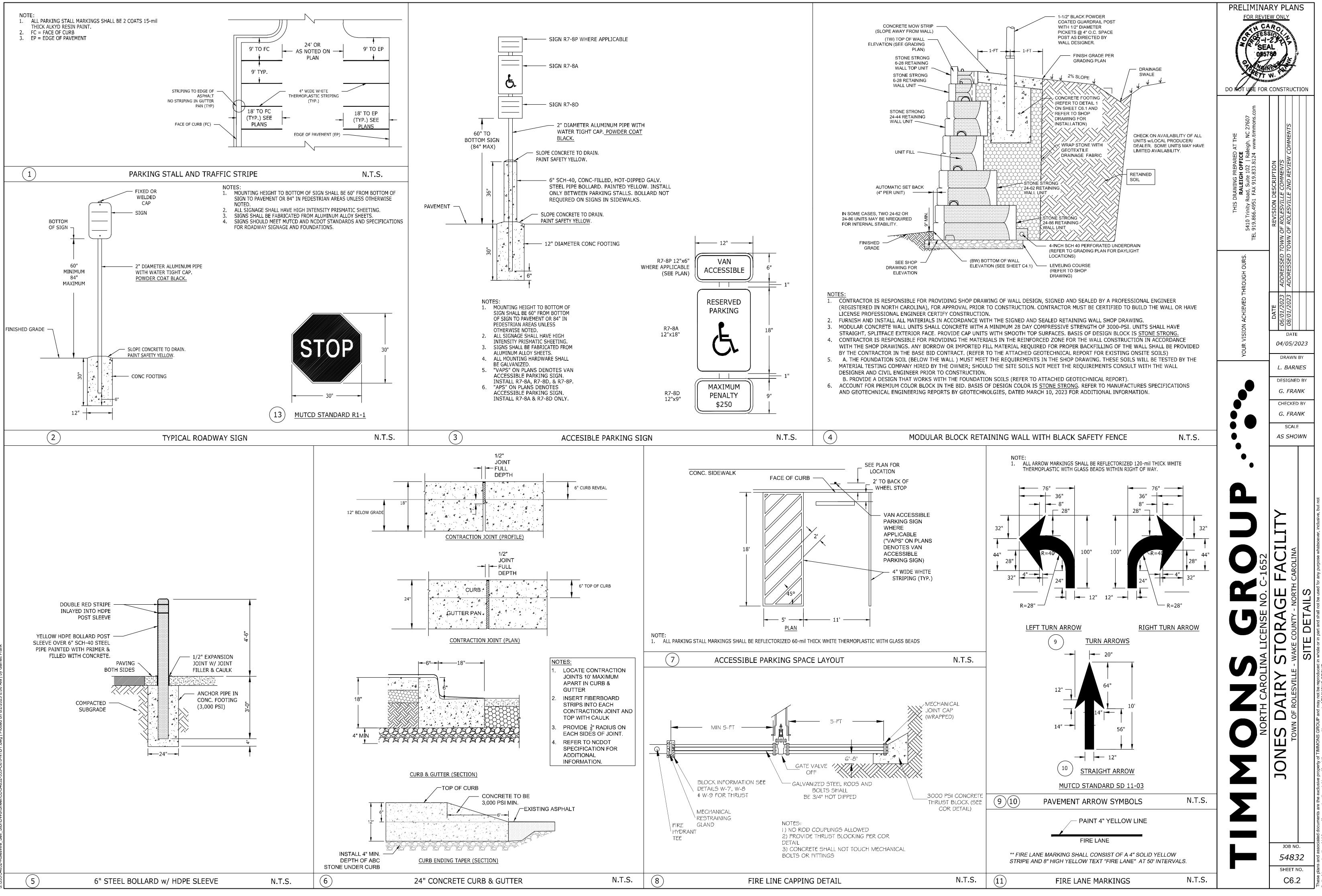


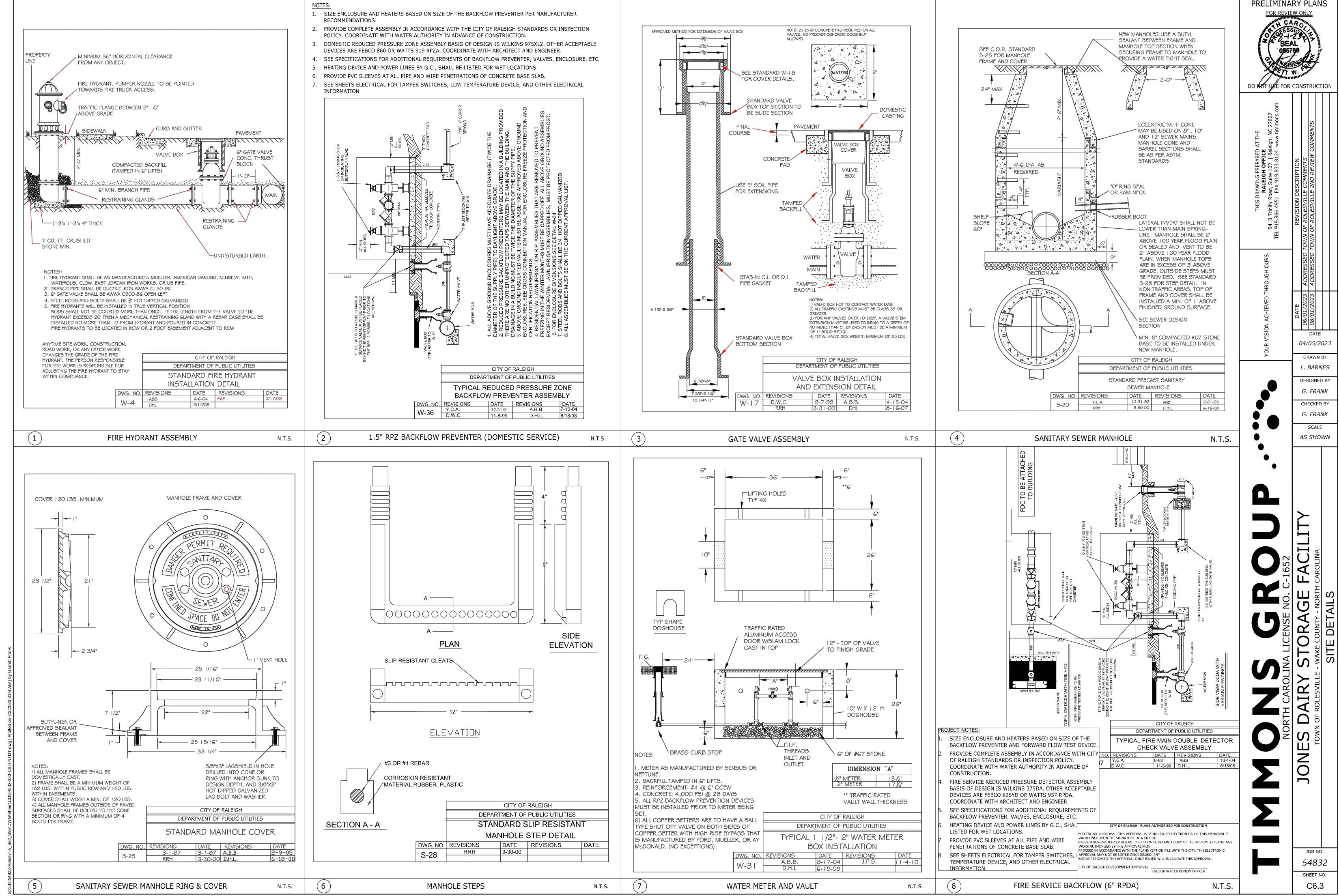
KEYNOTE	3 C6.0	4 C6.0	5 C6.0	6 C6.0	7 C6.0	8 C6.0
PATTERN	· · · · · · · · · · · · · · · · · · ·	+ + + + + + + + + + + + + + + + + + +				
CLASSIFICATION	HEAVY DUTY ASPHALT	STANDARD DUTY ASPHALT	NCDOT ASPHALT (>6' WIDTH)	NCDOT ASPHALT (<6' WIDTH)	NCDOT OVERLAY	ASPHALT MULTI-USE PATH
TYPE S-9.5B (2018) SURFACE COURSE	3"	3"	3"	3"	1.5"	2"
TYPE I-19.0C (2018) INTERMEDIATE COURSE	-	-	4"	4"	-	-
NCDOT CABC STONE	8"	6"	10"	-	-	4"
B 25.0C BASE COURSE	-	-	-	5"	-	-



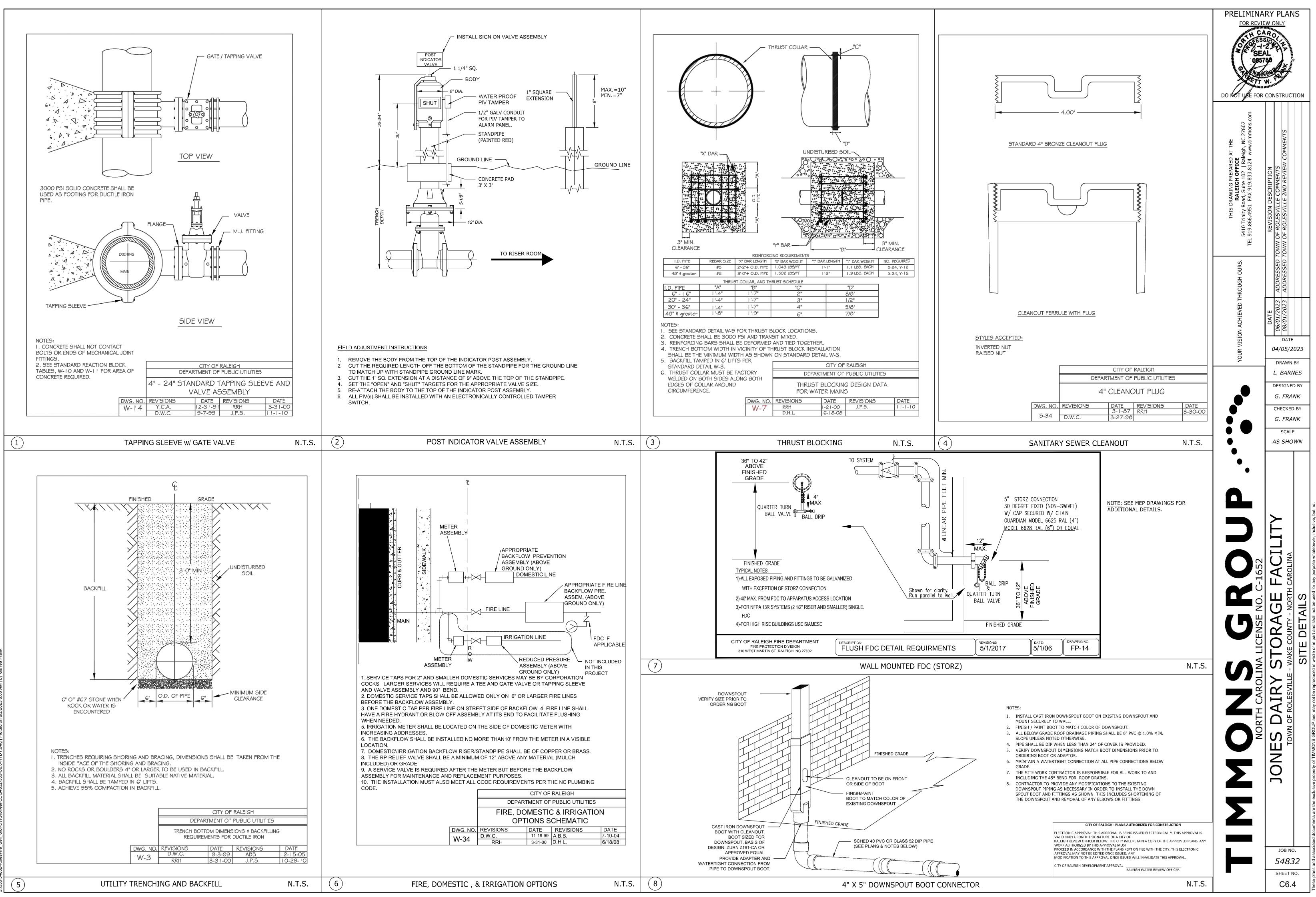
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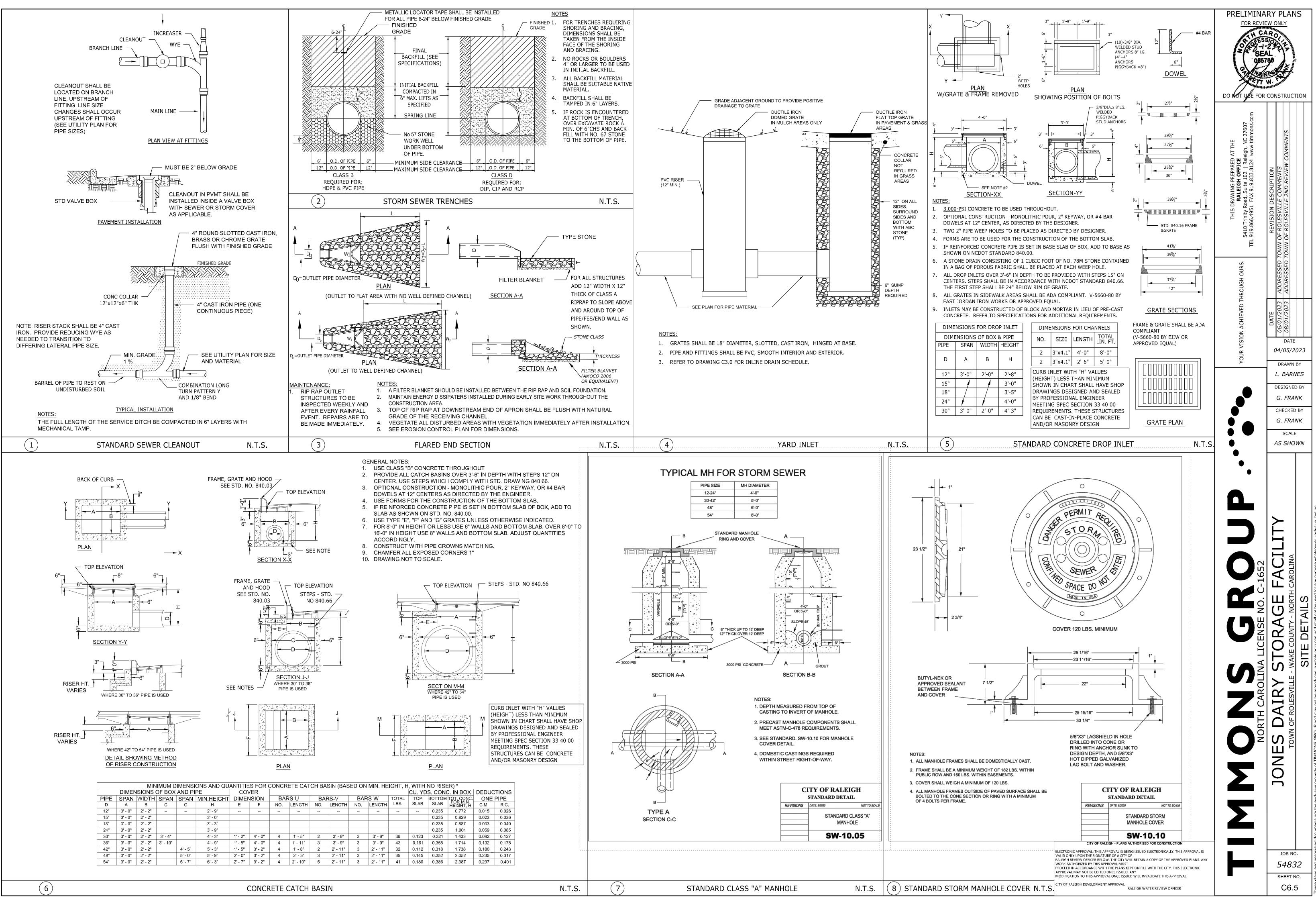


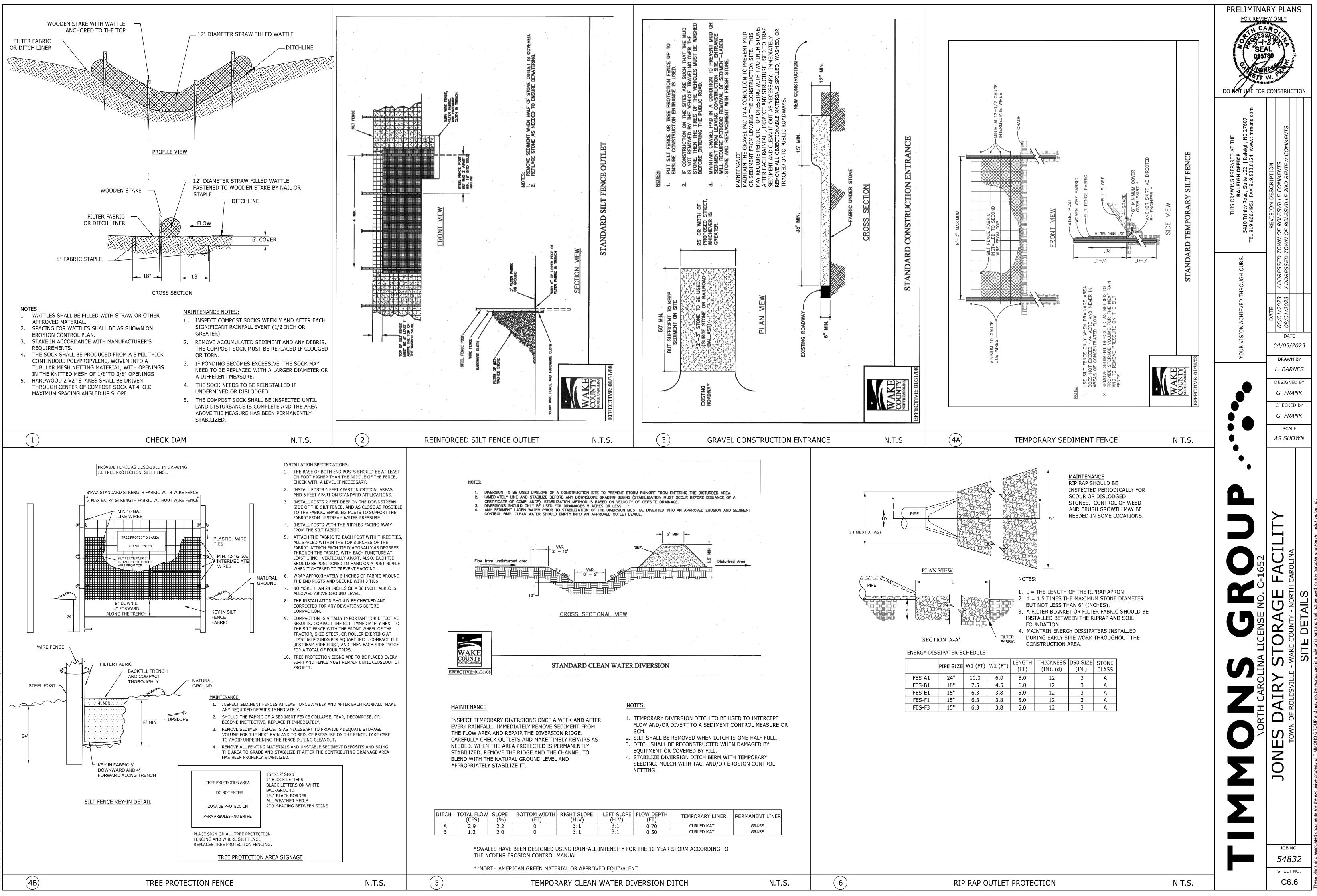
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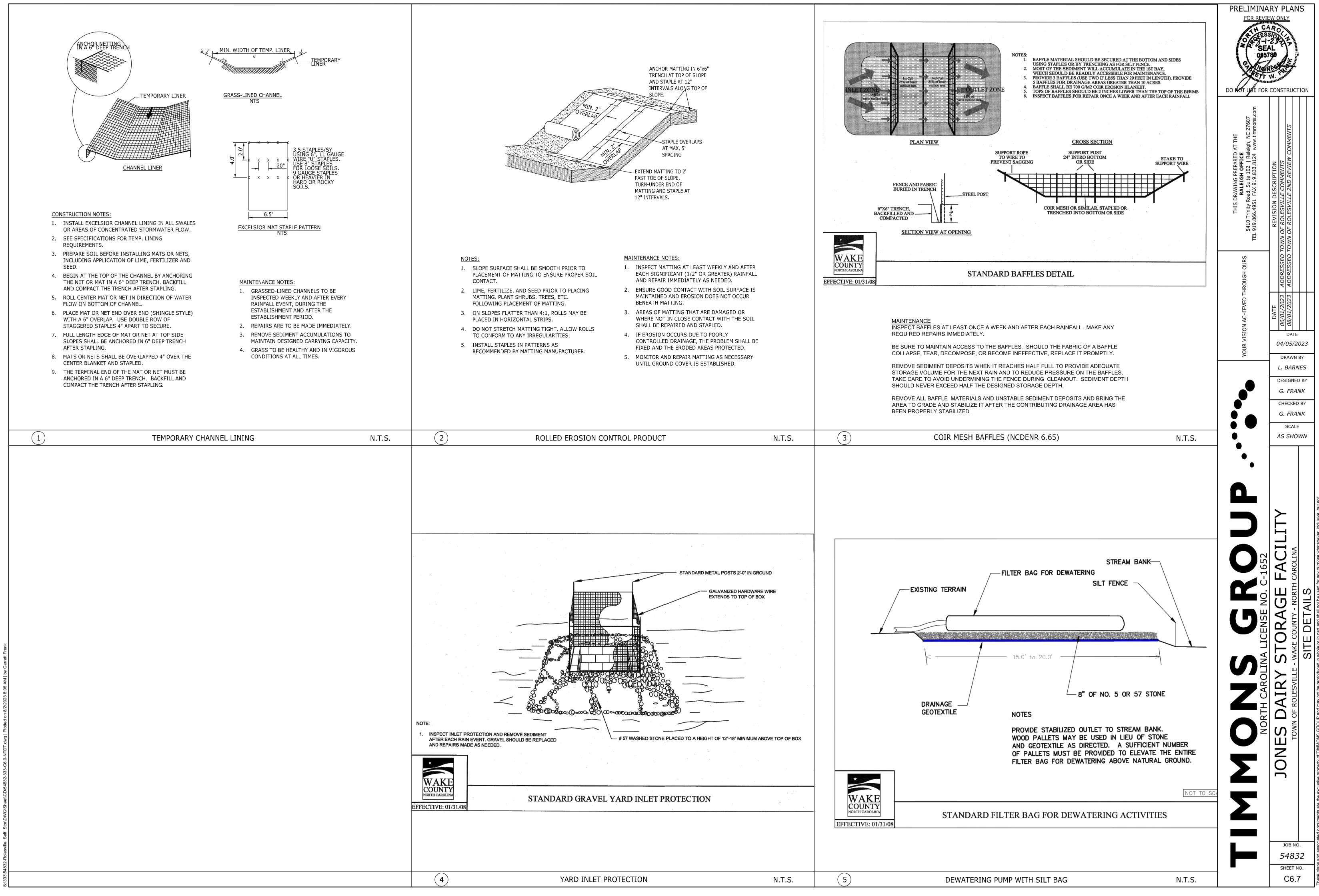


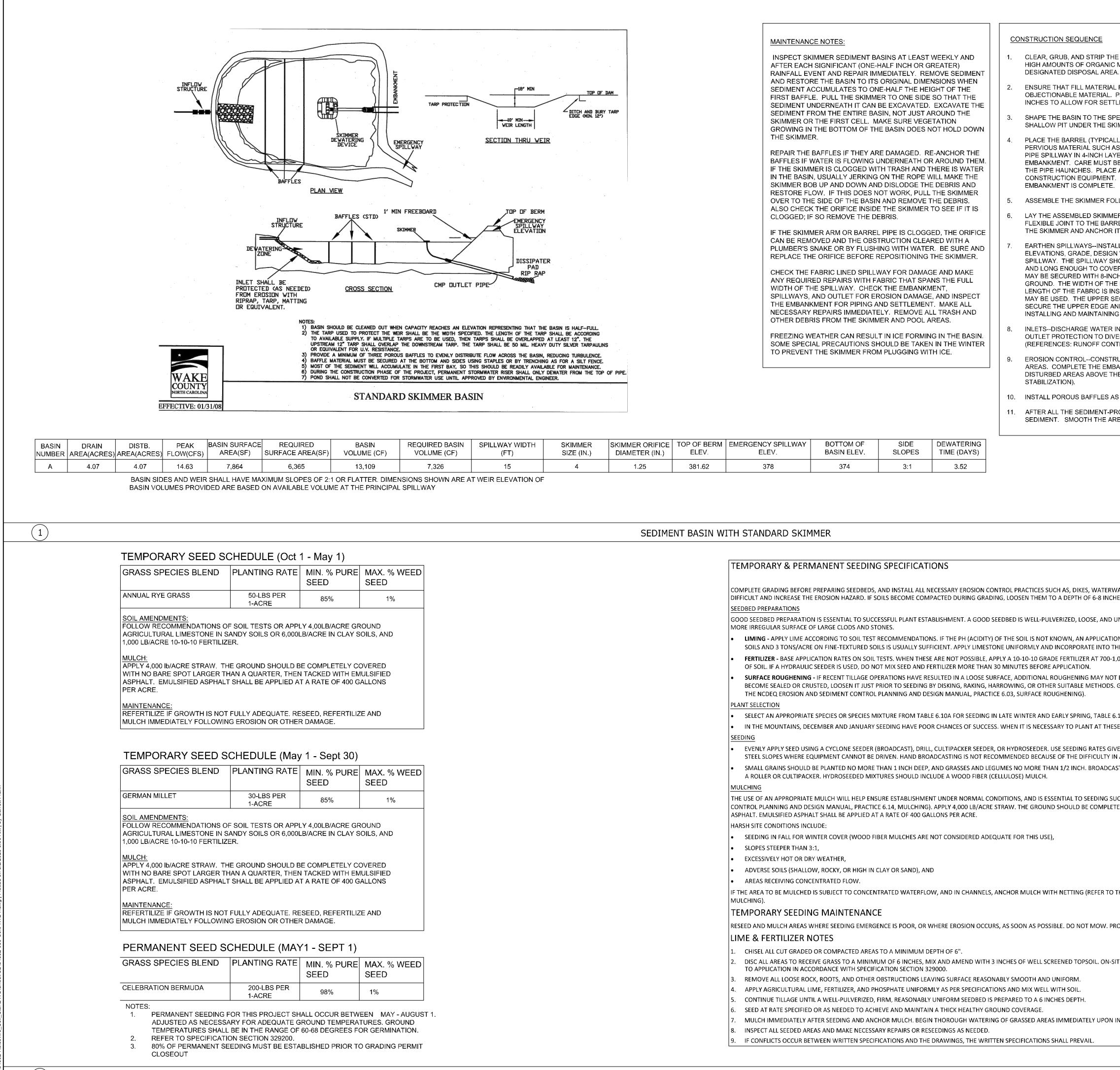
54832-Rolesville_Self_Stor\DWG\Sheet\CD\54832-333-C6.0-NTDT.dwg | Plotted on 8/2/2023 8:06 AM | by Garrett Fran

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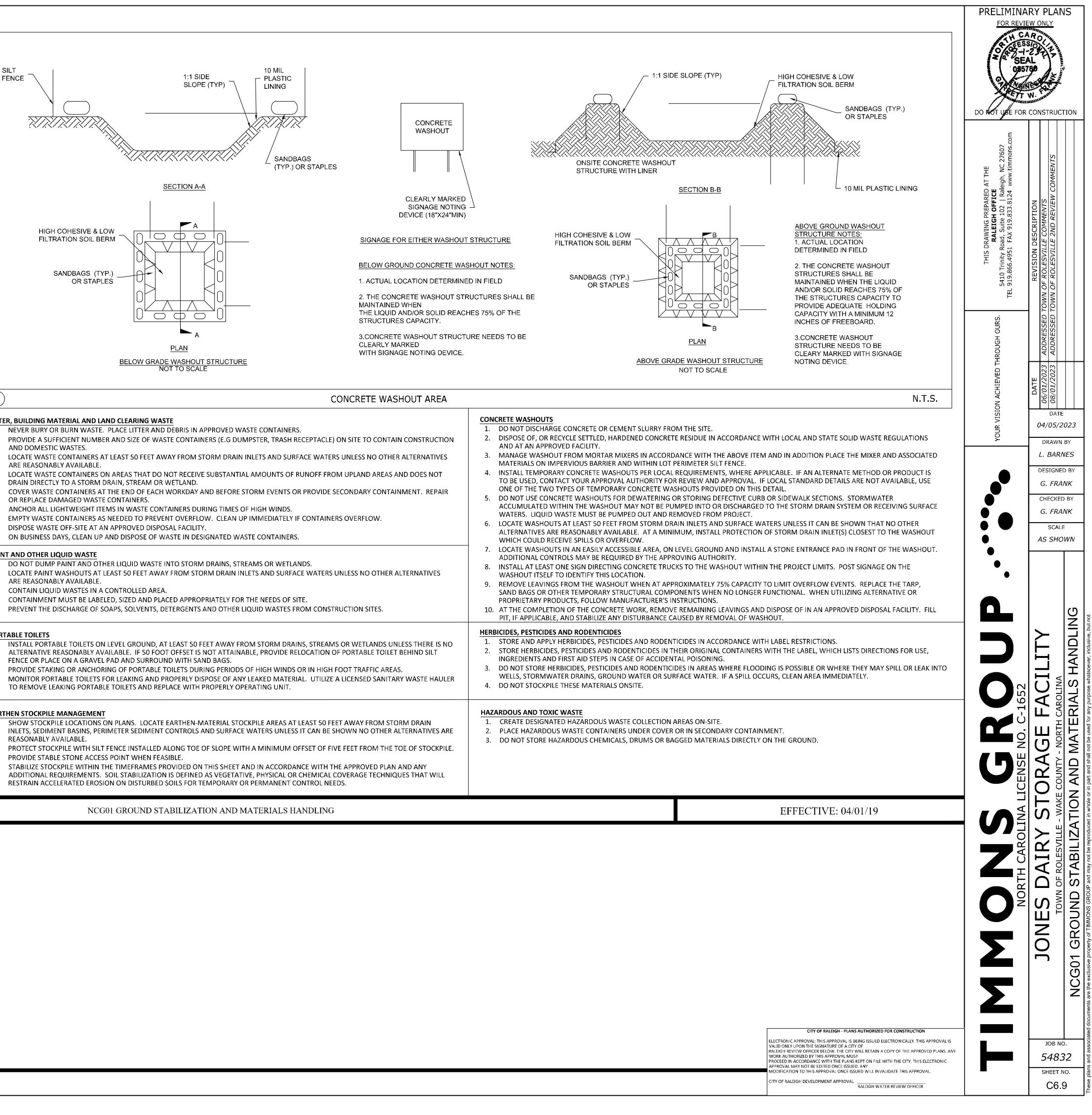


T BE REQUIRED, EXCEPT TO BREAK UP LARGE CLODS. IF RAINFALL CAUSES THE SURFACE TO . GROOVE OR FURROW SLOPES STEEPER THAN 3:1 ON THE CONTOUR BEFORE SEEDING (REFER TO 5.10B FOR SUMMER, AND TABLE 6.10C FOR FALL. SE TIMES, USE RECOMMENDATIONS FOR FALL AND A SECURELY TACKED MULCH. VEN IN TABLES 6.10A-6.10C. BROADCAST SEEDING AND HYDROSEEDING ARE APPROPRIATE FOR N ACHIEVING A UNIFORM DISTRIBUTION. AST SEED MUST BE COVERED BY RAKING OR CHAIN DRAGGING, AND THEN LIGHTLY FIRMED WITH ULCCESS UNDER HARSH SITE CONDITIONS (REFER TO THE NCDEQ EROSION AND SEDIMENT TELY COVERED WITH NO BARE SPOT LARGER THAN A QUARTER. THEN TACKED WITH EMULSIFIED				٦
HARDEN CAREWARD ALLOW AND ALLOW AND ALLOW AND ALLOW A	MATTER AND STOCKPILE OR DISPOSE OF IT PROPERLY. HAUL ALL OBJECTIONABLE MATERIAL TO THE A. PLACE TEMPORARY SEDIMENT CONTROL MEASURES BELOW BASIN AS NEEDED. FOR THE EMBANKMENT IS FREE OF ROOTS, WOODY VEGETATION, ORGANIC MATTER, AND OTHER PLACE THE FILL IN LIFTS NOT TO EXCEED 9 INCHES, AND MACHINE COMPACT IT. OVER FILL THE EMBANKMENT 6 LEMENT.	ATH CONTRACTOR	ARO SIONAL AL 780 W	
N.T.S. N.	IMMER OR PROVIDING A LOW SUPPORT UNDER THE SKIMMER OF STONE OR TIMBER. LY 4-INCH SCHEDULE 40 PVC PIPE) ON A FIRM, SMOOTH FOUNDATION OF IMPERVIOUS SOIL. DO NOT USE IS SAND, GRAVEL, OR CRUSHED STORE AS BACKFILL AROUND THE PIPE. PLACE THE FILL MATERIAL AROUND THE FERS AND COMPACT IT UNDER AND AROUND THE PIPE TO AT LEAST THE SAME DENSITY AS THE ADJACCHT SE TAKEN NOT TO RAISE THE PIPE FROM THE FIRM CONTACT WITH ITS FOUNDATION WHEN COMPACTING UNDER I MINIMUM DEPTH OF 2 FEET OF COMPACTED BACKFILL OVER THE PIPE SPILLWAY BEFORE CROSSING IT WITH . IN NO CASE SHOULD THE PIPE CONDUIT BE INSTALLED BY CUTTING A TRENCH THROUGH THE DAM AFTER THE LLOWING THE MANUFACTURERS INSTRUCTIONS, OR AS DESIGNED. ER ON THE BOTTOM OF THE BASIN WITH THE FLEXIBLE JOINT AT THE INLET OF THE BARREL PIPE, ATTACH THE REL PIPE AND POSITION THE SKIMMER OVER THE EXCAVATED PIT OR SUPPORT. BE SURE TO ATTACH A ROPE TO IT TO THE SIDE OF THE BASIN WITH THE FLEXIBLE JOINT AT THE INLET OF THE BARREL PIPE, ATTACH THE REL PIPE AND POSITION THE SKIMMER OVER THE EXCAVATED PIT OR SUPPORT. BE SURE TO ATTACH A ROPE TO IT TO THE SIDE OF THE BASIN WITH THE FLEXIBLE JOINT AT THE INLET OF THE BARREL PIPE. ATTACH A ROPE TO IT TO THE SIDE OF THE BASIN WITH THE FLEXIBLE JOINT AT THE INLET OF THE BURE TO ATTACH A ROPE TO IT TO THE SIDE OF THE BASIN WITH THE FLEXIBLE JOINT AT THE INLET OF THE BARREL PIPE. ATTACH THE REL PIPE AND POSITION THE SKIMMER OVER THE EXCAVATED PIT OR SUPPORT. BE SURE TO ATTACH A ROPE TO IT TO THE SIDE OF THE BASIN. THIS WILL BE USED TO PULL THE SKIMMER TO THE SUCESSFIL UNIDTH, AND DENTRANCE AND EXTEND ONTO THE CREATEST EXTENT POSSIBLE. THE ACHIEVEMENT OF PLANNED IN WIDTH, AND DENTRANCE AND EXTEND ONTO THE TOP OF THE DAW FOR ANCHORING IN A TRENCH. THE EDGES IT STATES OR PINS. THE FABRIC MUST BE LONG ENOUGH TO EXTEND DOWN THE SUCCESSFUL OPERATINO. OF THE FORTIC AND SIDES AND EXTEND ONTO THE TO OF THE DAW FOR ANCHORING IN A TRENCH. THE EDGES I STATES OR PINS. THE FABRIC MUST BE LONG OR SULCES THE DAWNER THE CANNOT FLOW UNDER THE F	THIS DRAWING PREPARED RALEIGH OFFICE 5410 Trinity Road, Suite 102 Rale TEL 919.866.4951 FAX 919.833.8124	DATE REVISION DESCRIPTION 06/01/2023 ADDRESSED TOWN OF ROLESVILLE COMMENTS 08/01/2023 ADDRESSED TOWN OF ROLESVILLE 2ND REVIEW	
HES USING A RIPPER, HARROW, OR CHISEL PLOW. UNIFORM. WHERE HYDROSEEDING METHODS ARE USED, THE SURFACE MAY BE LEFT WITH A ON OF GROUND AGRICULTURAL LIMESTONE AT THE RATE OF 2 TONS/ACRE ON COARSE-TEXTURED http://www.initecommunications/acre.pson	N.T.S.		L. BARNES DESIGNED BY G. FRANK CHECKED BY G. FRANK SCALE	-
TELL COVERED WITH NO PARE 21 OF FARMER, THEN PACKED WITH EMOLISITED	IES USING A RIPPER, HARROW, OR CHISEL PLOW. JNIFORM. WHERE HYDROSEEDING METHODS ARE USED, THE SURFACE MAY BE LEFT WITH A DN OF GROUND AGRICULTURAL LIMESTONE AT THE RATE OF 2 TONS/ACRE ON COARSE-TEXTURED HE TOP 4-6 INCHES OF SOIL. SOILS WITH A PH OF 6 OR HIGHER NEED NOT BE LIMED. ,00 LB/ACRE. BOTH FERTILIZER AND LIME SHOULD BE INCORPORATED INTO THE TOP 4-6 INCHES I BE REQUIRED, EXCEPT TO BREAK UP LARGE CLODS. IF RAINFALL CAUSES THE SURFACE TO GROOVE OR FURROW SLOPES STEEPER THAN 3:1 ON THE CONTOUR BEFORE SEEDING (REFER TO .10B FOR SUMMER, AND TABLE 6.10C FOR FALL. SE TIMES, USE RECOMMENDATIONS FOR FALL AND A SECURELY TACKED MULCH. // TABLES 6.10A-6.10C. BROADCAST SEEDING AND HYDROSEEDING ARE APPROPRIATE FOR N ACHIEVING A UNIFORM DISTRIBUTION. ST SEED MUST BE COVERED BY RAKING OR CHAIN DRAGGING, AND THEN LIGHTLY FIRMED WITH		TORAGE F AKE COUNTY - NORTH CA	ada or in vart and shall not he
INSTALLATION. DO NOT ALLOW GRASSED AREAS TO BECOME EXCESSIVELY DRY.	THE NCDEQ EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL, PRACTICE 6.14,	RTH CAROL	ES DAIRY STOWN OF ROLESVILLE -	D and may not he reproduced in
	INSTALLATION. DO NOT ALLOW GRASSED AREAS TO BECOME EXCESSIVELY DRY.			

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.

	REQUIRED GROUND STAE	
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 > 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
NVERTED TO PERMANENT GROUND STABILIZA	ATION AS SOON AS PRACTICABLE BUT I IND STABILIZATION SHALL BE MAINTAI	WITH TEMPORARY GROUND STABILIZATION SHALL BE N NO CASE LONGER THAN 90 CALENDAR DAYS AFTER THE LAST NED IN A MANNER TO RENDER THE SURFACE STABLE AGAINST
GROUND STABILIZATION SPECIFICATIO STABILIZE THE GROUND SUFFICIENTLY SO THA	T RAIN WILL NOT DISLODGE THE SOIL.	USE ONE OF THE TECHNIQUES IN THE TABLE BELOW:
TEMPORARY STABILIZATION	PERMANENT STA	BILIZATION
 TEMPORARY GRASS SEED COVERED WIT OTHER MULCHES AND TACKIFIERS HYDROSEEDING ROLLED EROSION CONTROL PRODUCTS N WITHOUT TEMPORARTY GRASS SEED APPROPRIATELY APPLIED STRAW OR OT PLASTIC SHEETING 	MULCHES AN • GEOTEXTILE I REINFORCEM • HYDROSEEDI HER MULCH • SHRUBS OR C MULCH	ABRICS SUCH AS PERMANENT SOIL ENT MATTING
SELECT FLOCCULANTS THAT ARE APPROPE LIST OF APPROVED PAMS/FLOCCULANTS. 2. APPLY FLOCCULANTS AT OR BEFORE THE I	SUFFICIENT T STRUCTURAL RETAINING W ROLLED EROS NLETS TO EROSION AND SEDIMENT CO TIONS SPECIFIED IN THE NC DWR LIST O	O RESTRAIN EROSION METHODS SUCH AS CONCRETE, ASPHALT OR /ALLS ION CONTROL PRODUCTS WITH GRASS SEED URING CONSTRUCTION, SELECTING FROM THE <i>NC DWR</i>
 LIST OF APPROVED PAMS/FLOCCULANTS. APPLY FLOCCULANTS AT OR BEFORE THE I APPLY FLOCCULANTS AT THE CONCENTRA WITH THE MANUFACTURER'S INSTRUCTIO PROVIDE PONDING AREA FOR CONTAINMING 	SUFFICIENT T • STRUCTURAL RETAINING W • ROLLED EROS • ROLLED E	O RESTRAIN EROSION METHODS SUCH AS CONCRETE, ASPHALT OR ALLS ION CONTROL PRODUCTS WITH GRASS SEED URING CONSTRUCTION, SELECTING FROM THE NC DWR NTROL MEASURES. OF APPROVED PAMS/FLOCCULANTS AND IN ACCORDANCE
 SELECT FLOCCULANTS THAT ARE APPROPELIST OF APPROVED PAMS/FLOCCULANTS. APPLY FLOCCULANTS AT OR BEFORE THE I APPLY FLOCCULANTS AT THE CONCENTRAWITH THE MANUFACTURER'S INSTRUCTION PROVIDE PONDING AREA FOR CONTAINMENT STRUCTURES. QUIPMENT AND VEHICLE MAINTENANCE I. MAINTAIN VEHICLES AND EQUIPMENT TO 2. PROVIDE DRIP PANS UNDER ANY STORED 3. IDENTIFY LEAKS AND REPAIR AS SOON AS	SUFFICIENT T STRUCTURAL RETAINING W RETAINING W ROLLED EROS NLETS TO EROSION AND SEDIMENT CO TIONS SPECIFIED IN THE NC DWR LIST ON NS. ENT OF TREATED STORMWATER BEFOR TAINERS THAT ARE KEPT UNDER STOR PREVENT DISCHARGE OF FLUIDS. EQUIPMENT. FEASIBLE, OR REMOVE LEAKING EQUIP	O RESTRAIN EROSION METHODS SUCH AS CONCRETE, ASPHALT OR ALLS ION CONTROL PRODUCTS WITH GRASS SEED URING CONSTRUCTION, SELECTING FROM THE <i>NC DWR</i> NTROL MEASURES. <i>DF APPROVED PAMS/FLOCCULANTS</i> AND IN ACCORDANCE E DISCHARGING OFFSITE. M-RESISTANT COVER OR SURROUNDED BY SECONDARY MENT FROM THE PROJECT.
 SELECT FLOCCULANTS THAT ARE APPROPELIST OF APPROVED PAMS/FLOCCULANTS. APPLY FLOCCULANTS AT OR BEFORE THE I APPLY FLOCCULANTS AT THE CONCENTRAWITH THE MANUFACTURER'S INSTRUCTIO PROVIDE PONDING AREA FOR CONTAINMENT STRUCTURES. QUIPMENT AND VEHICLE MAINTENANCE I. MAINTAIN VEHICLES AND EQUIPMENT TO 2. PROVIDE DRIP PANS UNDER ANY STORED 3. IDENTIFY LEAKS AND REPAIR AS SOON AS 4. COLLECT ALL SPENT FLUIDS, STORE IN SEP POSSIBLE). 5. REMOVE LEAKING VEHICLES AND CONSTR	SUFFICIENT T STRUCTURAL RETAINING W ROLLED EROS NLETS TO EROSION AND SEDIMENT CO TIONS SPECIFIED IN THE NC DWR LIST ON NS. ENT OF TREATED STORMWATER BEFOR TAINERS THAT ARE KEPT UNDER STOR PREVENT DISCHARGE OF FLUIDS. EQUIPMENT. FEASIBLE, OR REMOVE LEAKING EQUIP ARATE CONTAINERS AND PROPERLY DI UCTION EQUIPMENT FROM SERVICE U ITS, HYDRAULIC FLUIDS AND OTHER PE	O RESTRAIN EROSION METHODS SUCH AS CONCRETE, ASPHALT OR ALLS ION CONTROL PRODUCTS WITH GRASS SEED URING CONSTRUCTION, SELECTING FROM THE NC DWR NTROL MEASURES. DF APPROVED PAMS/FLOCCULANTS AND IN ACCORDANCE E DISCHARGING OFFSITE. M-RESISTANT COVER OR SURROUNDED BY SECONDARY MENT FROM THE PROJECT. SPOSE AS HAZARDOUS WASTE (RECYCLE WHEN
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 SELECT FLOCCULANTS THAT ARE APPROPELIST OF APPROVED PAMS/FLOCCULANTS. APPLY FLOCCULANTS AT OR BEFORE THE I APPLY FLOCCULANTS AT THE CONCENTRATIVITY THE MANUFACTURER'S INSTRUCTION PROVIDE PONDING AREA FOR CONTAINMING. STORE FLOCCULANTS IN LEAK-PROOF CONCONTAINMENT STRUCTURES. QUIPMENT AND VEHICLE MAINTENANCE MAINTAIN VEHICLES AND EQUIPMENT TO PROVIDE DRIP PANS UNDER ANY STORED IDENTIFY LEAKS AND REPAIR AS SOON AS COLLECT ALL SPENT FLUIDS, STORE IN SEPPOSSIBLE). REMOVE LEAKING VEHICLES AND CONSTR BRING USED FUELS, LUBRICANTS, COOLANCENTER THAT HANDLES THESE MATERIALS CONTER THAT HANDLES THESE MATERIALS CONTER THAT HANDLES THESE MATERIALS REMOVE ALL LOOSE ROCK, R SMOOTH AND UNIFORM. APPLY AGRICULTURAL LIME, WELL WITH SOIL. CONTINUE TILLAGE UNTIL AVA A 6 INCHES DEPTH. SEED AT RATE SPECIFIED OF COVERAGE. MULCH IMMEDIATELY AFTER 	SUFFICIENT T STRUCTURAL RETAINING W ROLLED EROS IATE FOR THE SOILS BEING EXPOSED D NLETS TO EROSION AND SEDIMENT CO TIONS SPECIFIED IN THE <i>NC DWR LIST</i> O NS. ENT OF TREATED STORMWATER BEFOF TAINERS THAT ARE KEPT UNDER STOR PREVENT DISCHARGE OF FLUIDS. EQUIPMENT. FEASIBLE, OR REMOVE LEAKING EQUIP ARATE CONTAINERS AND PROPERLY DI UCTION EQUIPMENT FROM SERVICE U ITS, HYDRAULIC FLUIDS AND OTHER PE S. COMPACTED AREAS TO A MINIMUM I GRASS TO A MINIMUM OF 6 INCHES, E TOPSOIL MAY BE USED IN PLACE O RIOR TO APPLICATION IN ACCORDAN OOTS, AND OTHER OBSTRUCTIONS I FERTILIZER, AND PHOSPHATE UNIFO VELL-PULVERIZED, FIRM, REASONAB AS NEEDED TO ACHIEVE AND MAINT SEEDING AND ANCHOR MULCH. BEG	O RESTRAIN EROSION METHODS SUCH AS CONCRETE, ASPHALT OR ALLS ION CONTROL PRODUCTS WITH GRASS SEED URING CONSTRUCTION, SELECTING FROM THE <i>NC DWR</i> NTROL MEASURES. <i>DF APPROVED PAMS/FLOCCULANTS</i> AND IN ACCORDANCE E DISCHARGING OFFSITE. M-RESISTANT COVER OR SURROUNDED BY SECONDARY MENT FROM THE PROJECT. SPOSE AS HAZARDOUS WASTE (RECYCLE WHEN NTIL THE PROBLEM HAS BEEN CORRECTED. TROLEUM PRODUCTS TO A RECYCLING OR DISPOSAL DEPTH OF 6". MIX AND AMEND WITH 3 INCHES OF WELL IMPORTED TOPSOIL, IF CE WITH SPECIFICATION SECTION LEAVING SURFACE REASONABLY RMLY AS PER SPECIFICATIONS AND MIX LY UNIFORM SEEDBED IS PREPARED TO



		ART III RDKEEPING AND REPORTING	SFL	PART III F-INSPECTION, RECORDKEEPING AND REPORTING								
ONDITIONS WOULD CAUSE THE USINESS DAY ON WHICH IT IS SA CCURS OUTSIDE OF NORMAL BU	D DURING NORMAL BUSINESS HOURS IN SAFETY OF THE INSPECTION PERSONNE AFE TO PERFORM THE INSPECTION. IN A	ACCORDANCE WITH THE TABLE BELOW. WHEN ADVERSE WEATHER OR SITE L TO BE IN JEOPARDY, THE INSPECTION MAY BE DELAYED UNTIL THE NEXT DDITION, WHEN A STORM EVENT OF EQUAL TO OR GREATER THAN 1.0 INCH SHALL BE PERFORMED UPON THE COMMENCEMENT OF THE NEXT BUSINESS	SECTION B: RECORDKEEPING 1. E&SC PLAN DOCUMENTATION THE APPROVED E&SC PLAN AS WELL AS ANY APPROVED DEVIATION SHALL BE KEPT ON THE SITE. THE APPROVED E&SC PLAN MUST BE KEP UP-TO-DATE THROUGHOUT THE COVERAGE UNDER THIS PERMIT. THE FOLLOWING ITEMS PERTAINING TO THE E&SC PLAN SHALL BE KEPT O AND AVAILABLE FOR INSPECTION AT ALL TIMES DURING NORMAL BUSINESS HOURS.									
	REQUIRED GF	OUND STABILIZATION TIMEFRAMES	OCCURRENCE	DOCUMENTATION REQUIREMENTS								
INSPECT	FREQUENCY (DURING NORMAL BUSINESS HOURS)	TIMEFRAME VARIATIONS	(A) EACH E&SC MEASURE HAS BEEN	INITIAL AND DATE EACH E&SC MEASURE ON A COPY OF THE APPROVED E&SC PLAN								
1) RAIN GAUGE	DAILY	DAILY RAINFALL AMOUNTS. IF NO DAILY RAIN GAUGE OBSERVATIONS ARE MADE DURING WEEKEND OR HOLIDAY PERIODS, AND NO INDIVIDUAL-DAY RAINFALL INFORMATION IS AVAILABLE, RECORD THE	INSTALLED AND DOES NOT SIGNIFICANTLY DEVIATE FROM THE LOCATIONS, DIMENSIONS, AND RELATIVE ELEVATIONS SHOWN ON THE APPROVED E&SC PLAN.	OR COMPLETE, DATE AND SIGN AN INSPECTION REPORT THAT LISTS EACH E&SC MEASURE SHOWN ON THE APPROVED E&SC PLAN. THIS DOCUMENTATION IS REQUIRED UPON THE INITIAL INSTALLATION OF THE E&SC MEASURES OR IF THE E&SC MEASURES ARE MODIFIED AFTER INITIAL INSTALLATION.								
MAINTAINED IN GOOD WORKING ORDER		CUMULATIVE RAIN MEASUREMENT FOR THOSE UNATTENDED DAYS (AND THIS WILL DETERMINE IF A SITE INSPECTION IS NEEDED). DAYS ON WHICH NO RAINFALL OCCURRED SHALL BE RECORDED AS "ZERO." THE PERMITTEE MAY USE ANOTHER	(B) A PHASE OF GRADING HAS BEEN COMPLETED	INITIAL AND DATE A COPY OF THE APPROVED E&SC PLAN OR COMPLETE, DATE AND SIGN AN INSPECTION REPORT TO INDICATE COMPLETION OF THE CONSTRUCTION PHASE								
	AT LEAST ONCE PER 7	RECORDED AS ZERO. THE PERMITTEE MAY USE ANOTHER RAIN-MONITERING DEVICE APPROVED BY THE DIVISION. 1. IDENTIFICATION OF THE MEASURES INSPECTED,	(C) GROUND COVER IS LOCATED AND INSTALLED IN ACCORDANCE WITH THE APPROVED E&SC PLAN.	INITIAL AND DATE A COPY OF THE APPROVED E&SC PLAN OR COMPLETE, DATE AND SIGN AN INSPECTION REPORT TO INDICATE COMPLIANCE WITH APPROVED GROUNE COVER SPECIFICATIONS								
?) E&SC MEASURES	CALENDAR DAYS AND WITHIN 24 HOURS OF A RAIN EVENT ≥ 1.0 INCH IN 24 HOURS	 DATE AND TIME OF THE INSPECTION, NAME OF THE PERSON PERFORMING THE INSPECTION INDICATION OF WEATHER THE MEASURES WERE OPERATING PROPERLY DESCRIPTION OF MAINTENANCE NEEDS FOR THE 	(D) THE MAINTENANCE AND REPAIR REQUIREMENTS FOR ALL E&SC MEASURES HAVE BEEN PERFORMED	COMPLETE, DATE AND SIGN AN INSPECTION REPORT								
		MEASURE 6. DESCRIPTION, EVIDENCE, AND DATE OF CORRECTIVE ACTIONS TAKEN.	(E) CORRECTIVE ACTIONS HAVE BEEN TAKEN TO E&SC MEASURES	INITIAL AND DATE A COPY OF THE APPROVED E&SC PLAN OR COMPLETE, DATE AND SIGN AN INSPECTION REPORT TO INDICATE THE COMPLETION OF THE CORRECTIVE ACTION								
) STORMWATER DISCHARGE OUTFALLS (SDOS)	AT LEAST ONCE PER 7 CALENDAR DAYS AND WITHIN 24 HOURS OF A RAIN EVENT ≥ 1.0 INCH IN 24 HOURS	 IDENTIFICATION OF THE MEASURES INSPECTED, DATE AND TIME OF THE INSPECTION, NAME OF THE PERSON PERFORMING THE INSPECTION EVIDENCE OF INDICATORS OF STORMWATER POLLUTION SUCH AS OIL SHEEN, FLOATING OR SUSPENDED SOLIDS OR DISCOLORATION. INDICATION OF VISIBLE SEDIMENT LEAVING THE SITE DESCRIPTION, EVIDENCE, AND DATE OF CORRECTIVE ACTIONS TAKEN. 										
) PERIMETER OF SITE	AT LEAST ONCE PER 7 CALENDAR DAYS AND WITHIN 24 HOURS OF A RAIN EVENT ≥ 1.0 INCH IN 24 HOURS	 IF VISIBLE SEDIMENTATION IS FOUND OUTSIDE SITE LIMITS, THEN A RECORD OF THE FOLLOWING SHALL BE MADE: 1. ACTIONS TAKEN TO CLEAN UP OR STABILIZE THE SEDIMENT THAT HAS LEFT THE SITE LIMITS 2. DESCRIPTION, EVIDENCE, AND DATE OF CORRECTIVE ACTIONS TAKEN, AND 3. AN EXPLANATION AS TO THE ACTIONS TAKEN TO CONTROL FUTURE RELEASES. 										
) STREAMS OR WETLANDS ON SITE OR OFFSITE (WHERE ACCESSIBLE)	AT LEAST ONCE PER 7 CALENDAR DAYS AND WITHIN 24 HOURS OF A RAIN EVENT ≥ 1.0 INCH IN 24 HOURS	 IF THE STREAM OR WETLAND HAS INCREASED VISIBLE SEDIMENTATION OR A STREAM HAS VISIBLE INCREASED TURBIDITY FROM THE CONSTRUCTION ACTIVITY, THEN A RECORD OF THE FOLLOWING SHALL BE MADE: DESCRIPTION, EVIDENCE AND DATE OF CORRECTIVE ACTIONS TAKEN, AND RECORDS OF THE REQUIRED REPORTS TO THE APPROPRIATE DIVISION REGIOINAL OFFICE PER PART III, SECTION C, ITEM (2)(A) OF THIS PERMIT. 	SITE AND AVAILABLE FOR INSPECTORS AT ALI DIVISION PROVIDES A SITE-SPECIFIC EXEMPT THIS REQUIREMENT NOT PRACTICAL:	ON SITE TS ABOVE, THE FOLLOWING ITEMS SHALL BE KEPT ON THE L TIMES DURING NORMAL BUSINESS HOURS, UNLESS THE ION BASED ON UNIQUE SITE CONDITIONS THAT MAKE CERTIFICATE OF COVERAGE, AFTER IT IS RECEIVED.								
) GROUND STABILIZATION MEASURES	AFTER EACH PHASE OF GRADING	 THE PHASE OF GRADING (INSTALLATION OF PERIMETER E&SC MEASURES, CLEARING AND GRUBBING, INSTALLATION OF STORM DRAINAGE FACILITIES, COMPLETION OF ALL LAND-DISTURBING ACTIVITY, CONSTRUCTION OR REDEVELOPMENT, PERMANENT GROUND COVER). DOCUMENTATION THAT THE REQUIRED GROUND STABILIZATION MEASURES HAVE BEEN PROVIDED WITHIN THE REQUIRED TIMEFRAME OR AN ASSURANCE THAT THEY WILL BE PROVIDED AS SOON AS POSSIBLE 	 (b) RECORDS OF INSPECTIONS MADE DURING THE REQUIRED OBSERVATIONS ON THE I INSPECTION FORM THAT INCLUDES ALL RECORDS IN LIEU OF THE REQUIRED PAP AND UTILITY AS THE HARD-COPY RECORI 3. DOCUMENTATION TO BE RETAINED FOR THR ALL DATA USED TO COMPLETE THE E-NOI AND 	G THE PREVIOUS TWELVE MONTHS. THE PERMITTEE SHALL RECORD INSPECTION RECORD FORM PROVIDED BY THE DIVISION OR A SIMILAR THE REQUIRED ELEMENTS. USE OF ELECTRONICALLY-AVAILABLE PER COPIES WILL BE ALLOWED IF SHOWN TO PROVIDE EQUAL ACCESS DS.								

PART II, SECTION G, ITEM (4) DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT

SEDIMENT BASINS AND TRAPS THAT RECEIVE RUNOFF FROM DRAINAGE AREAS OF ONE ACRE OR MORE SHALL USE OUTLET STRUCTURES THAT WITHDRAW WATER FROM THE SURFACE WHEN THESE DEVICES NEED TO BE DRAWN DOWN FOR MAINTENANCE OR CLOSE OUT UNLESS THIS IS INFEASIBLE. THE CIRCUMSTANCES IN WHICH IT IS NOT FEASIBLE TO WITHDRAW WATER FROM THE SURFACE SHALL BE RARE (FOR EXAMPLE, TIMES WITH EXTENDED COLD WEATHER). NON-SURFACE WITHDRAWALS FROM SEDIMENT BASINS SHALL BE ALLOWED ONLY WHEN ALL OF THE FOLLOWING CRITERIA HAVE BEEN MET:

- (a) THE E&SC PLAN AUTHORITY HAS BEEN PROVIDED WITH DOCUMENTATION OF THE NON-SURFACE WITHDRAWAL AND THE SPECIFIC TIME PERIODS OR CONDITIONS IN WHICH IT WILL OCCUR. THE NON-SURFACE WITHDRAWAL SHALL NOT COMMENCE UNTIL THE E&SC PLAN AUTHORITY HAS APPROVED THESE ITEMS,
- (b) THE NON-SURFACE WITHDRAWAL HAS BEEN REPORTED AS AN ANTICIPATED BYPASS IN ACCORDANCE WITH PART III, SECTION C, ITEM (2)(C) AND (D) OF THIS PERMIT, (c) DEWATERING DISCHARGES ARE TREATED WITH CONTROLS TO MINIMIZE DISCHARGES OF POLLUTANTS FROM STORMWATER THAT IS REMOVED FROM THE SEDIMENT BASIN. EXAMPLES OF APPROPRIATE CONTROLS INCLUDE
- PROPERLY SITED, DESIGNED AND MAINTAINED DEWATERING TANKS, WEIR TANKS, AND FILTRATION SYSTEMS, (d) VEGETATED, UPLAND AREAS OF THE SITES OR A PROPERLY DESIGNED STONE PAD IS USED TO THE EXTENT FEASIBLE AT THE OUTLET OF THE DEWATERING TREATMENT DEVICES DESCRIBED IN ITEM (C) ABOVE,
- (e) VELOCITY DISSIPATION DEVICES SUCH AS CHECK DAMS, SEDIMENT TRAPS, AND RIPRAP ARE PROVIDED AT THE DISCHARGE POINTS OF ALL DEWATERING DEVICES, AND

(f) SEDIMENT REMOVED FROM THE DEWATERING TREATMENT DEVICES DESCRIBED IN ITEM (C) ABOVE IS DISPOSED OF IN A MANNER THAT DOES NOT CAUSE DEPOSITION OF SEDIMENT INTO WATERS OF THE UNITED STATES.

SECTION C: REPORTING

1. OCCURRENCES THAT MUST BE REPO PERMITTEES SHALL REPORT THE FOL (a) VISIBLE SEDIMENT DEPOSITION I

(b) OIL SPILLS IF:

- THEY ARE 25 GALLONS OR MO
 - THEY ARE LESS THAN 25 GALLC
 - THEY CAUSE SHEEN ON SURFA • THEY ARE WITHIN 100 FEET OF
 - (C) RELEASES OF HAZARDOUS SUBS

110.3 AND 40 CFR 117.3) OR SECTION 1

- (d) ANTICIPATED BYPASSES AND UN
- (e) NONCOMPLIANCE WITH THE CO
- 2. REPORTING TIMEFRAMES AND OTH AFTER A PERMITTEE BECOMES AWA OFFICE WITHIN THE TIMEFRAMES AN BUSINESS HOURS MAY ALSO BE REPO

OCCURRENCE

(A) VISIBLE SEDIMENT DEPOSITION IN A STREAM OR WETLAND

(B) OIL SPILLS AND RELEASE OF HAZARDOUS SUBSTANCES ITEM 1 (B)-(C) ABOVE

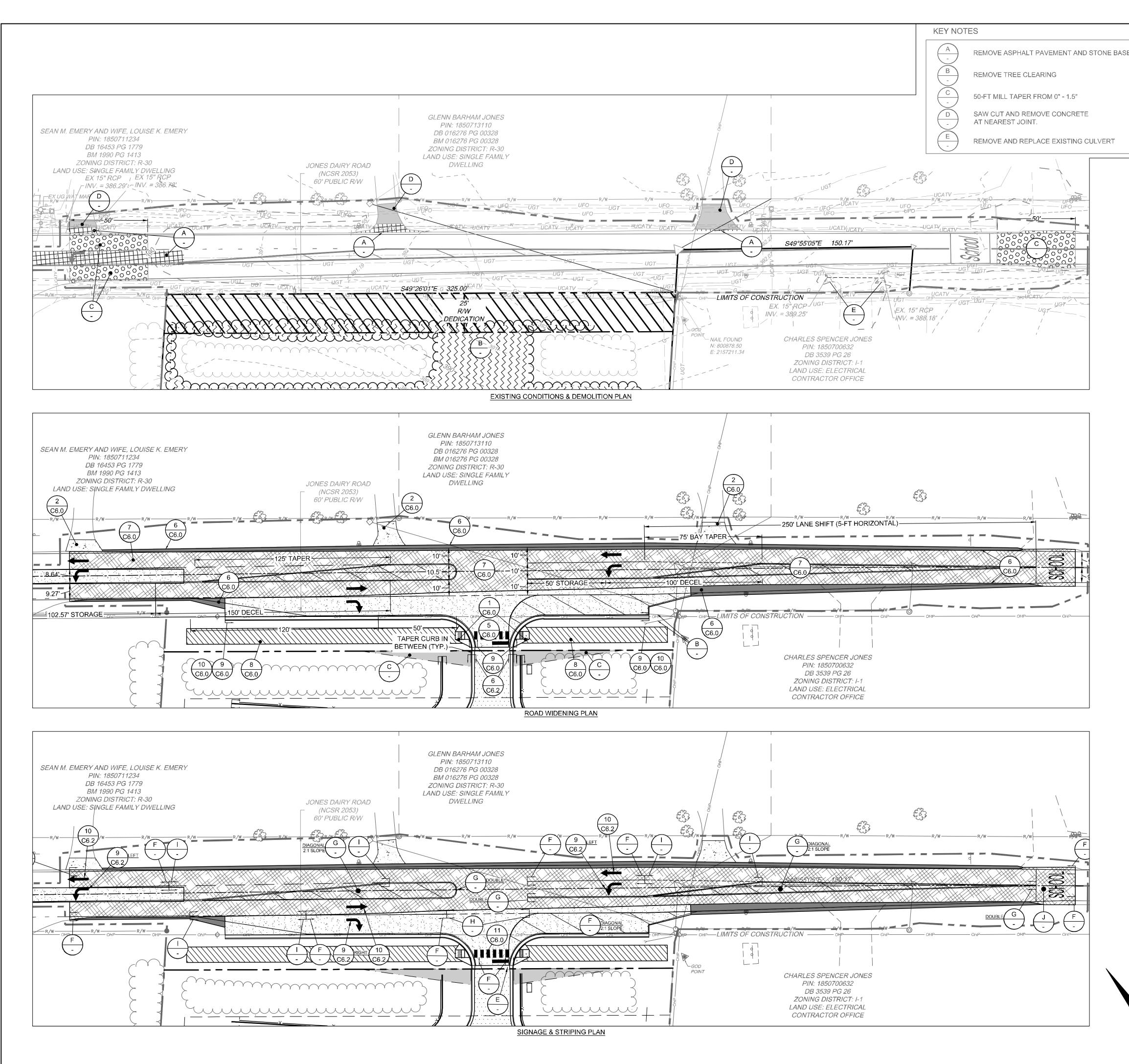
(C) ANTICIPATED BYPASSES [40 CFR 122.41(M)(3)]

(D) UNANTICIPATED BYPASSES [CFR 122.41(M)(3)]

(E) NONCOMPLIANCE WITH THE CONDITIONS OF THIS PERMI

THAT MAY ENDANGER HEAL THE ENVIRONMENT [40 CFR 122.41 (I)(7)]

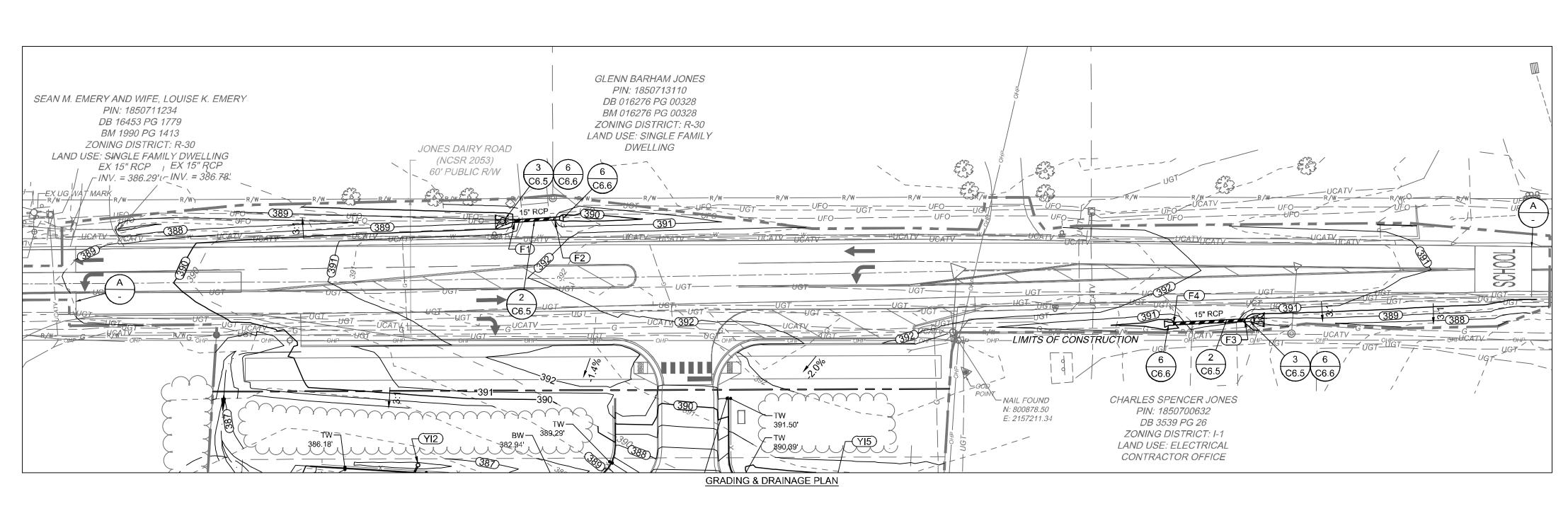
SE	PART III LF-INSPECTION, RECORDKEEPING AND REPORTING	PRELIMINA FOR REVIE		
E PORTED Ollowing	OCCURRENCES: AM OR WETLAND.	C (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		
FACE WATE	CANNOT BE CLEANED UP WITHIN 24 HOURS, RS (REGARDLESS OF VOLUME), OR	DO NOT USE FOR	CONSTRUCTION	N
BSTANCES	E WATERS (REGARDLESS OF VOLUME). IN EXCESS OF REPORTABLE QUANTITIES UNDER SECTION 311 OF THE CLEAN WATER ACT (REF: 40 CFR ERCLA (REF: 40 CFR 302.4) OR G.S. 143-215.85.	THE , NC 27607 ,w.timmons.	COMMENTS	
	ATED BYPASSES. S OF THIS PERMIT THAT MAY ENDANGER HEALTH OR THE ENVIRONMENT.	PREPARED H OFFICE 102 Rale 833.8124	DESCRIPTION LE COMMENTS LE 2ND REVIEW CO	
AND IN AC	FIREMENTS I OCCURRENCE THAT MUST BE REPORTED, HE SHALL CONTACT THE APPROPRIATE DIVISION REGIONAL CORDANCE WITH THE OTHER REQUIREMENTS LISTED BELOW. OCCURRENCES OUTSIDE NORMAL D THE DEPARTMENT'S ENVIRONMENTAL EMERGENCY CENTER PERSONNEL AT (800) 858-0368.	THIS DRAWING P RALEIGH 10 Trinity Road, Suite 1 19.866.4951 FAX 919.8	REVISION DE ROLESVILLE ROLESVILLE	
	REPORTING TIMEFRAMES (AFTER DISCOVERY) AND OTHER REQUIREMENTS	S. TEL 91	TOWN OF TOWN OF	
I	 WITHIN 24 HOURS, AN ORAL OR ELECTRONIC NOTIFICATION WITHIN 7 CALENDAR DAYS, A REPORT THAT CONTAINS A DESCRIPTION OF THE SEDIMENT AND ACTIONS TAKEN TO ADDRESS THE CAUSE OF THE DEPOSITION. DIVISION STAFF MAY WAIVE THE REQUIREMENT FOR A WRITTEN REPORT ON A CASE-BY-CASE BASIS. 	YOUR VISION ACHIEVED THROUGH OURS	3 ADDRESSED 3 ADDRESSED	
	 IF THE STREAM IS NAMED ON THE NC 303(D) LIST AS IMPAIRED FOR SEDIMENT RELATED CAUSES, THE PERMITTEE MAY BE REQUIRED TO PERFORM ADDITIONAL MONITERING, INSPECTIONS, OR APPLY MORE STRINGENT PRACTICES IF STAFF DETERMINE THAT ADDITIONAL REQUIREMENTS ARE NEEDED TO ASSURE COMPLIANCE WITH THE FEDERAL OR STATE IMPAIRED-WATERS CONDITIONS 	ISION ACHIEVED	DATE 06/01/2023 12023	
DF 5 PER	WITHIN 24 HOURS, AN ORAL OR ELECTRONIC NOTIFICATION. THE NOTIFICATION SHALL INCLUDE INFORMATION ABOUT THE DATE, TIME, NATURE, VOLUME, AND LOCATION OF THE SPILL OR RELEASE	YOUR VI	04/05/2023 DRAWN BY L. BARNES	
40	 A REPORT AT LEAST TEN DAYS BEFORE THE DATE OF THE BYPASS, IF POSSIBLE. THE REPORT SHALL INCLUDE AN EVALUATION OF THE ANTICIPATED QUALITY AND EFFECT OF THE BYPASS WITHIN 24 HOURS, AN ORAL OR ELECTRONIC NOTIFICATION 		DESIGNED BY	ſ
S [40	 WITHIN 24 HOURS, AN ORAL OR ELECTRONIC NOTIFICATION WITHIN 7 CALENDAR DAYS, A REPORT THAT INCLUDES AN EVALUATION OF THE QUALITY AND EFFECT OF THE BYPASS WITHIN 24 HOURS, AN ORAL OR ELECTRONIC NOTIFICATION 		CHECKED BY G. FRANK SCALE	
EALTH OR FR	EXACT DATES AND TIMES, AND IF THE NONCOMPLIANCE HAS NOT BEEN CORRECTED, THE ANTICIPATED TIME NONCOMPLIANCE IS EXPECTED TO CONTINUE; AND STEPS TAKEN OR PLANNED TO REDUCE, ELIMINATE, AND PREVENT REOCCURRENCE OF THE NONCOMPLIANCE. [40 CFR 122.41(1)(6). DIVISION STAFF MAY WAVE THE REQUIREMENT FOR A WRITTEN REPORT ON A CASE BY CASE BASIS	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z		
	ELECTRONIC APPROVAL: THIS APPROVAL IS BEING ISSUED ELECTRONICALLY. THIS APPROVAL IS VALID ONLY UPON THE SIGNATURE OF A CITY OF RALEIGH REVIEW OFFICER BELOW. THE CITY WILL RETAIN A COPY OF THE APPROVED PLANS. ANY WORK AUTHORIZED BY THIS APPROVAL MUST PROCEED IN ACCORDANCE WITH THE PLANS KEPT ON FILE WITH THE CITY. THIS ELECTRONIC APPROVAL MAY NOT BE EDITED ONCE ISSUED. ANY MODIFICATION TO THIS APPROVAL ONCE ISSUED WILL INVALIDATE THIS APPROVAL. CITY OF RALEIGH DEVELOPMENT APPROVAL RALEIGH WATER REVIEW OFFICER		^{јов no.} 54832	_
	EFFECTIVE: 04/01/19		SHEET NO. C6.10	

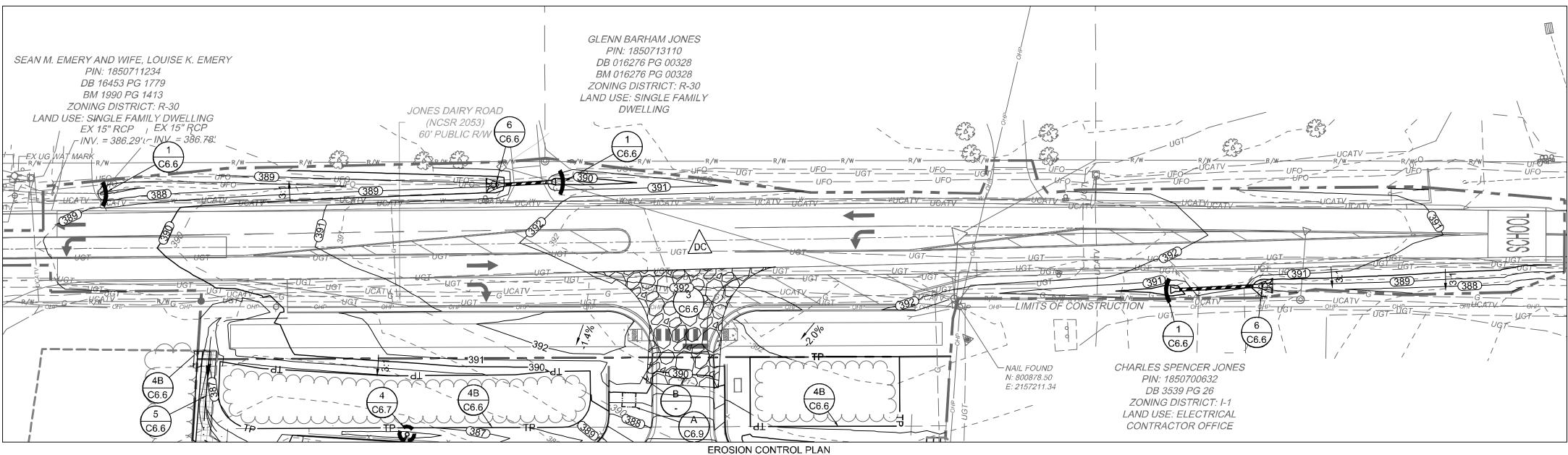


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	SITE	LAYOUT NOTES				PRELIMINA	RY PLANS	;]
	RC	L CONSTRUCTION SHALL COMP DLESVILLE, WAKE COUNTY, NCE PECIFICATIONS.			AND	FOR REVI	EW ONLY	
	2. AL	L DIMENSIONS ARE TO FACE C				CARES -	510 1 1 -2 5 1 1 -2 5 1 1	
	3. AL	DTED. LL RADII ARE DIMENSIONED FRO	M BACK OF CURB.	IF NOT ST	TATED,	SE 095	AL 780	
0000000	4. CC	ADII DIMENSION IS 5'. ONTRACTOR SHALL FIELD VERIF RADES PRIOR TO CONSTRUCTIO				2 Not	Per Parter	
	DI	SCREPANCIES PRIOR TO COMM DNSTRUCTION.				DO NOT USE FOR	CONSTRUCTIO	ON
	OF	HE CONTRACTOR SHALL BE RES FALL WASTE MATERIALS GENER	RATED DURING CO	NSTRUCT	ION AND			
		DR OBTAINING ALL APPLICABLE ND/OR WASTE AREAS. DNTRACTOR IS RESPONSIBLE F			CKPILES	AT THE eigh, NC 27607 www.timmons.com		
		ONSTRUCTION AND SHALL MAKI WNER.	E REPAIRS AT NO E	XPENSE 1		HE VC 27607 timmons.	ENTS	
	CC	FLEAST 72 HOURS PRIOR TO CO ONTRACTOR SHALL NOTIFY "NO -800-632-4949) TO HAVE EXISTIN	RTH CAROLINA ON	E CALL" (8	311) OR	· •	COMMENTS	
	τÚ	FILITIES SHALL BE LOCATED AS DCATE COMPANY EMPLOYED B	NEEDED BY A PRI	VATE UTII		PREPARED H OFFICE 102 Rale 833.8124		
	01	LL CURB AND GUTTER OFFSITE				AWING PREPARED RALEIGH OFFICE ad, Suite 102 Ral FAX 919.833.8124	DESCRIPTION LE COMMENTS LE 2ND REVIEW (
	PE	L DISTURBED CURB & GUTTER ER PROJECT DETAILS AND NCD AISE ALL STRUCTURES AT NO A	OT STANDARDS ANI	D SPECIFI	CATIONS.	THIS DRAWING F RALEIGI 5410 Trinity Road, Suite 919.866.4951 FAX 919.	DESC LE CC	
	TH TH	AT THE TOP OF THE STRUCTUR IE NEW ASPHALT.	RE EQUALS THE FIN	IISH GRAI	DE OF	THIS rinity F	REVISION ROLESVIL ROLESVIL	
	AN	DORDINATE THE PROJECT SCHI ND OWNER. ANY UTILITY INTERF ITH THE OWNER AT LEAST 72 H	RUPTIONS SHALL BE	E COORD	NATED	5410 T 919.86	REVISION DES OF ROLESVILLE (OF ROLESVILLE ;	
	12. PF	ROVIDE A SMOOTH TRANSITION				I	TOWN C	
	TH	L SIDEWALKS ARE TO HAVE NO	ND NO MORE THAN	À 1:50 (2	.0%)	S.	SED TC	
	_	OPE FOR THE WIDTH OF THE S ANNOT BE ACHIEVED.	IDEWALK. NOTIFY E	NGINEER	R IF THIS	INO H5	<u> </u>	
	KEYN	NOTES				HROUG	ADDRI ADDRI	
	1 C6.0	ACCESSIBLE CURB RAMP					-Е /2023 /2023	
	2 C6.0	STANDARD DUTY CONCRE	TE PAVEMENT		<i>4</i> <i>4</i>	ACHIE	DATE 06/01/20 08/01/20	
	$\boxed{3}$	HEAVY DUTY ASPHALT PAV		••••	· · · · · · ·	YOUR VISION ACHIEVED THROUGH OURS	DATE	
				+ +	· · · · · · · · · · · · · · · · · · ·	YOUR	04/05/202	
	C6.0 5	STANDARD DUTY ASPHALT		+ + + +	+ + + + + + +		DRAWN BY	
	C6.0 6	NCDOT ASPHALT (>6' WIDT)	H)				DESIGNED E	
	C6.0	NCDOT ASPHALT (<6' WIDT)	H)				G. FRANK	
		NCDOT OVERLAY		+			G. FRANK	ĸ
		NCDOT MULTI-USE PATH					SCALE AS SHOW	′N
	9 C6.0	NCDOT 30" CONCRETE CUF	88 & GUTTER			•		
	10 C6.0	CURB ENDING TAPER				•		ANS
	6 C6.2	24" CONCRETE CURB & GU	TTER				.	РГ
	- -	RELOCATE OR PROVIDE TU	JRN DOWN GUY WI	RE BAR				U N N
		10-FT X 70-FT SIGHT TRIAN	GLE					RIPING
		1.5" MILL & LAP JOINT (1.5"	S-9.5B)					ST
	TRA	AFFIC CONTROL NOTES				1652	FACI CAROLINA	Щ М
	UN	L SITE SIGNAGE SHALL BE IN A NIFORM TRAFFIC CONTROL DEV			UAL ON		FA(carol	AG
	2. AL	ANDARDS. .L PAVEMENT MARKINGS WITHII IERMOPLASTIC.	N RIGHT-OF-WAY SH	HALL BE				GNAG
	3. AL ST	L PAVEMENT MARKINGS SHALL ANDARDS AND THE PROJECT S					U ²	$\overline{\mathbf{v}}$
	4. AL	RINGENT. L SIGNAGE SHALL HAVE HIGH I GNS SHALL BE FABRICATED FRO						AND
	6. AL	L MOUNTING HARDWARE SHAL	L BE GALVANIZED.				O	⊲ Ш
	8. "Al	'-8A, R7-8D, & R7-8P. PS" ON PLANS DENOTES ACCES	SIBLE PARKING SI	GN. INSTA	LL R7-8A		ST WAKE	SIT
		R7-8D ONLY. RIPING KEY NOTES						-
		HIGH VISIBILITY	NCDOT STD.	WIDTH	COLOR			EMO
	C6.0	CROSSWALK MARKINGS	-	-	WHITE			ā
	1 C6.2	PARKING STALL AND TRAFFIC STRIPE	1205.07 (STD)	4- I N	WHITE	RTH	<u>С</u> ь	Z
	7 C6.2	ACCESSIBLE PARKING LAYOUT					N TOWN	PLA
	9 C6.2	TURN ARROW	-	-	WHITE			
	10	STRAIGHT ARROW	-	-	WHITE			Z
	C6.2	STOP BAR	_	24- I N	WHITE		~	WIDENING
	F		100- 1					
	G	LANE LINE	1205.1	6-IN	WHITE			ROAD
	-	EDGE LINE	1205.1	6-IN	YELLOW			2
50 CH Z		2'-6'/SP MINI SKIP LINE	1205.1	6-IN	WHITE		JOB NO.	
CALE 1"=30'		3'-9'/SP MINI SKIP LINE	1205.1	6-IN	WHITE		54832 SHEET NO.	
30' 60	, J	3'-9'/SP MINI SKIP LINE	1205.8	-	WHITE		C7.0	
						1	1	

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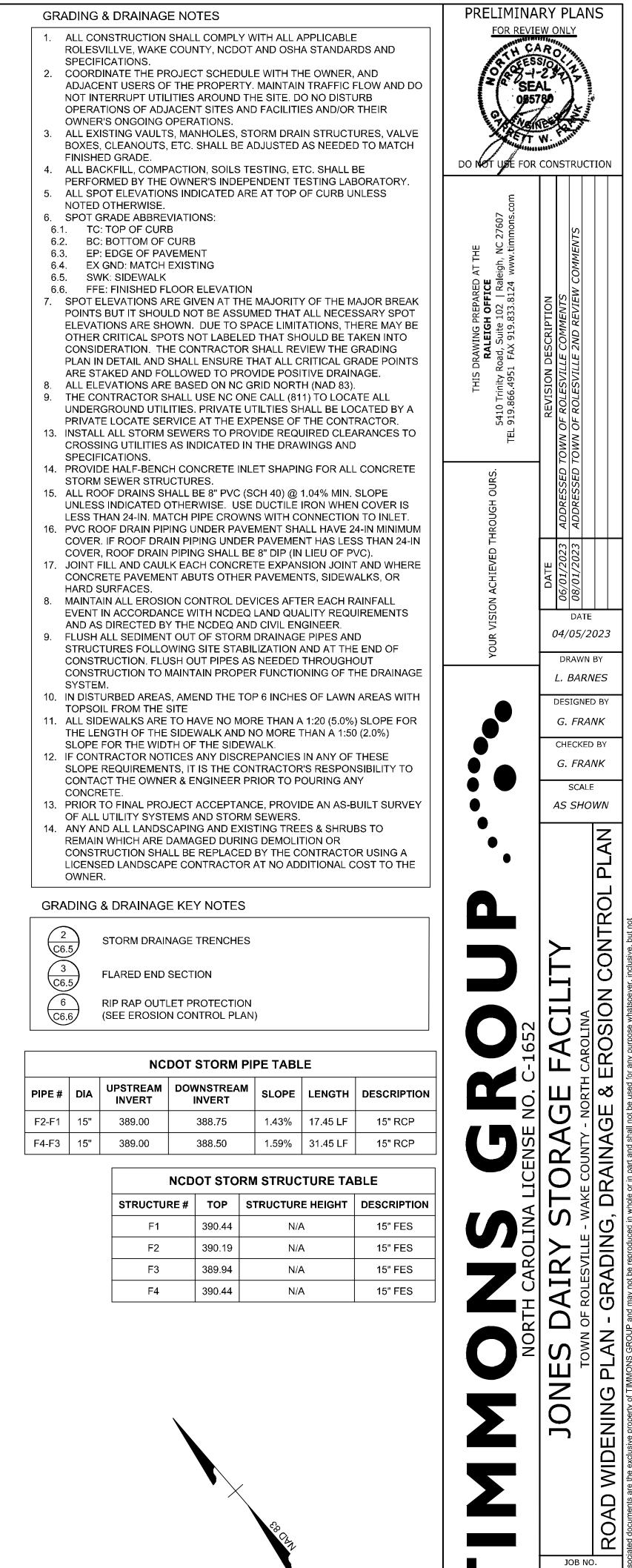


EROSION CONTROL NOTES

- 1. THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF SITE. ALL OFF-SITE SOIL BORROW AND WASTE SITES SHALL BE PROPERLY PERMITTED FOR SUCH ACTIVITIES.
- 2. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT OR AS DIRECTED BY LOCAL AUTHORITIES OR ENGINEER.
- 3. ALL OPEN STORM PIPES SHALL BE PROTECTED WITH STONE FILTER
- PROTECTION AFTER WORK STOPPAGE EACH DAY.
 ALL STORM DRAINAGE PIPES SHALL BE THOROUGHLY FLUSHED OF ALL SEDIMENT FOLLOWING SITE STABILIZATION. INTERIOR FLUSHING OF SYSTEM SHALL BE PERFORMED AS NEEDED TO MAINTAIN PROPER FUNCTIONING OF THE DRAINAGE SYSTEM.
- THE INDICATED STAGING AREA IS INTENDED FOR VEHICLES AND NON-ERODIBLE MATERIALS ONLY. NO SOIL, SAND OR OTHER ERODIBLE, FINE GRAINED MATERIAL SHALL BE STORED OUTSIDE OF THE LIMITS OF THE SITE PROTECTED BY SEDIMENT AND EROSION CONTROL DEVICES AND MEASURES.
- 6. SOIL AND OTHER MATERIALS SHALL ONLY BE TEMPORARILY STOCKPILED WITHIN THE CONSTRUCTION LIMITS PROTECTED BY SEDIMENT AND EROSION CONTROL DEVICES AND MEASURES.
- 7. TREE PROTECTION INSPECTION SHALL BE COMPLETED PRIOR TO INSTALLING EROSION CONTROL DEVICES.
 ALL ADDUCADUE ERIS CONTROL MEASURES ARE TO BE DRODERUM
- ALL APPLICABLE E&S CONTROL MEASURES ARE TO BE PROPERLY MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED.
 PERMANENT GROUNDCOVER SHALL BE PROVIDED FOR ALL
- DISTURBED AREAS WITHIN 15 WORKING DAYS OR NO MORE THAN 90 CALENDAR DAYS (WHICHEVER IS SHORTER). 10. TOTAL DISTURBED AREA: 5.70 AC.

EROSION CONTROL KEYNOTES

1 C6.6	CHECK DAM	(
3 C6.6	GRAVEL CONSTRUCTION ENTRANCE	5050
4A C6.6	SILT FENCE (COMBINATION FENCE; SEE TREE FENCE DETAIL)	SF/TPF
4B C6.6	TREE PROTECTION FENCE	TP
5 C6.6	TEMPORARY DIVERSION DITCH	
6 C6.6	RIPRAP OUTLET PROTECTION	The second secon
4 C6.7	INLET PROTECTION	<i>₽</i>
A C6.9	CONCRETE WASHOUT AREA	
B	RAIN GAUGE AND PERMIT RECORDS BOX	R
	LIMITS OF CONSTRUCTION	
	EXISTING CONTOUR	429
	FINISHED CONTOUR	429
	DUST CONTROL	

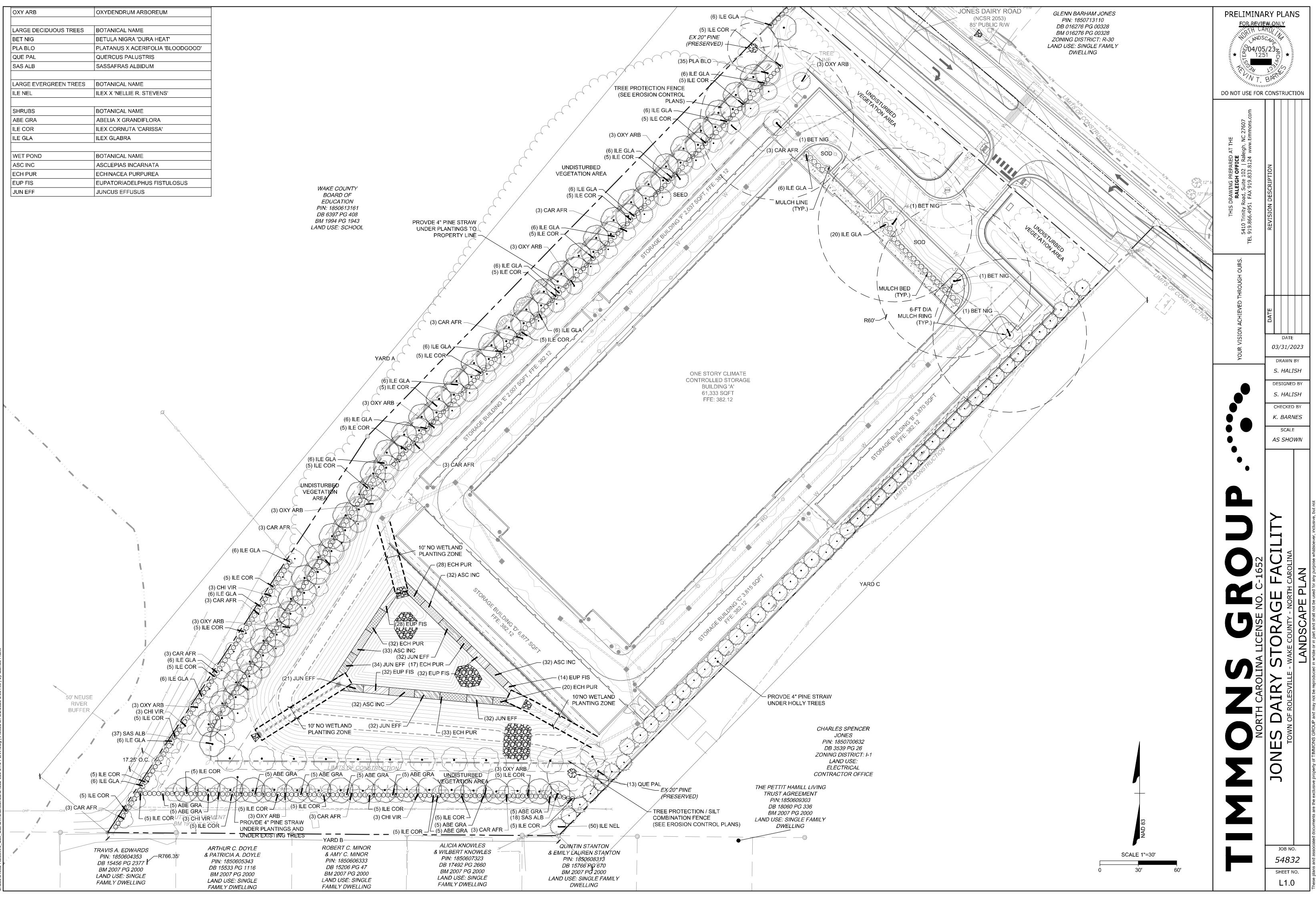


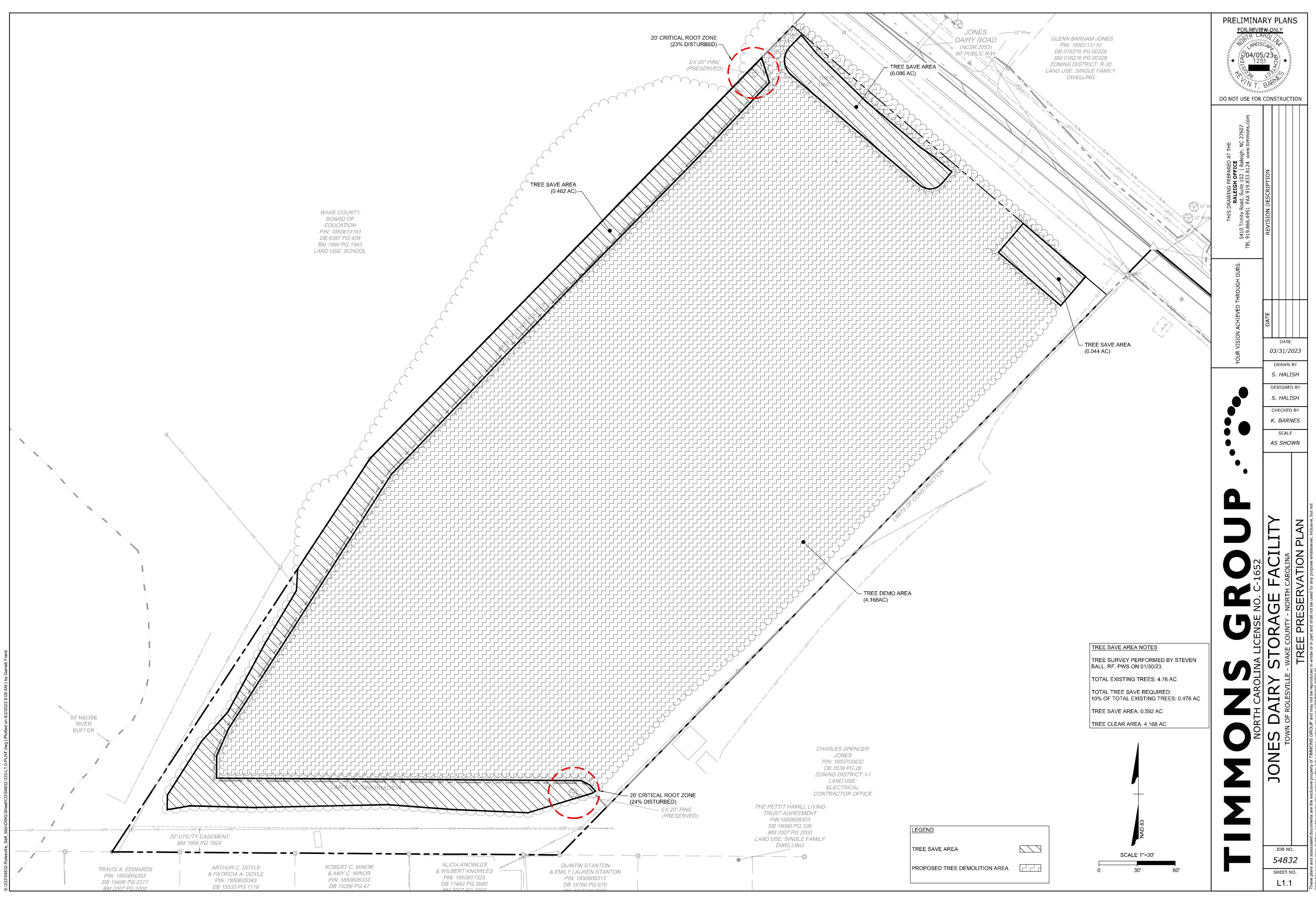
SCALE 1"=30'

30'

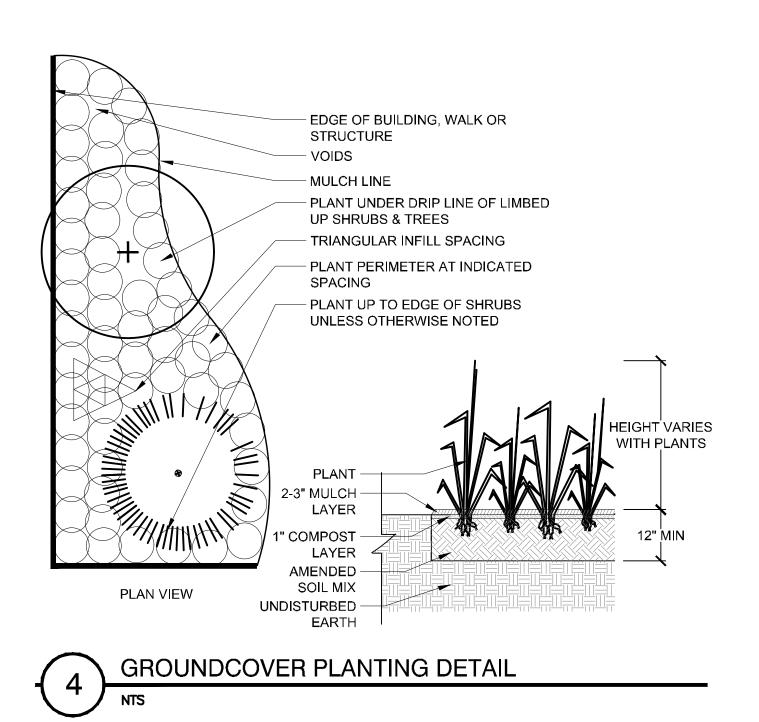
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54832 SHEET NO. C7.1





YARD REQUIRE	MENT		PERIMETER LANDSCAPI	E REQUIREIVIENT (per CALCULATI			D LANDSC	APE	PROVIDED LA	ANDSCAPE
LANDSCAP		4	LENGTH: 869.7							
	D TREE :		ENTRIES: -	SM. DECID TREE : (87	70 / 100) x 4 = 34.79	SM.	DECID TR	EE: 35.00	SM. DE(CID TREE :
A LG. DECI	D TREE :	8/100	EASEMENTS: -	LG. DECID TREE : (87	· ·			EE: 70.00		CID TREE :
EVERGRE	e tree : 🍢	0	EXIST. VEG.: -	EVERGREE TREE :		EVE	RGREE TR	EE: O	EVERGF	REE TREE :
MEDIUM	ISHRUB	HEDGE	TOTAL: 869.7	MEDIUM SHRUB	HEDGE	MED	HUM SHRU	JB : HEDGE	MEDIUN	M SHRUB :
			WIDTH: 50							
LANDSCAP	'E TYPE:	4	LENGTH: 351.8							
	D TREE :	·	ENTRIES: -	SM. DECID TREE : (35				EE: 14.00		CID TREE :
	D TREE : 2 E TREE :		EASEMENTS: -	LG. DECID TREE : (35	52 / 100) x 8 = 28.14			EE: 29.00		CID TREE :
	ISHRUB		EXIST. VEG.: - TOTAL: 351.8	EVERGREE TREE : MEDIUM SHRUB	HEDGE		RGREE TR DIUM SHRI	EE : 0 JB : HEDGE		REE TREE : M SHRUB :
			WIDTH: 50							
LANDSCAP	'E TYPE:	с	LENGTH: 640.1							
	D TREE :	·	ENTRIES: -	SM. DECID TREE :	n/a		DECID TR			CID TREE :
	D TREE :	·	EASEMENTS: -	LG. DECID TREE :	n/a		DECID TR			CID TREE :
	E TREE : 1 I SHRUB 4		EXIST. VEG.: - TOTAL: 640.1	EVERGREE TREE : (64) MEDIUM SHRUB	1@15-ft O.C) = 42.67 n/a		RGREE TR			REE TREE : M SHRUB :
	SHILOB 4	+07 100	WIDTH: 10							VI STINOB .
PLANT SCHEDULE YARD		DOTAN						DOOT		
MALL DECIDUOUS TREES	QTY 24		IICAL NAME NUS CAROLINIANA 'AUTUMN FIRE'		IERICAN HORNBEAM	MIN. INSTALLED	J SIZE	ROOT B&B	+	REMARK
CAR AFR			NUS CAROLINIANA 'AUTUMN FIRE'	WHITE FRINGETR		2" CAL. 2" CAL.		B&B B&B		
HI VIR XY ARB	6 21		ANTHUS VIRGINICUS	SOURWOOD TREE		2" CAL. 2" CAL.		B&B B&B	+	
ARGE DECIDUOUS TREES	QTY	BOTAN	ICAL NAME	COMMON NAME		MIN. INSTALLED) SIZE	ROOT	1	REMARK
LA BLO	35		NUS X ACERIFOLIA 'BLOODGOOD'		NDON PLANE TREE	2.5" CAL.		B&B		
AS ALB	37	SASSA	FRAS ALBIDUM	SASSAFRAS		2.5" CAL.		B&B		
HRUBS	QTY	BOTAN	ICAL NAME			MIN. INSTALLED		ROOT	SPACING	REMARK
E COR	115		ORNUTA 'CARISSA'	CARISSA CHINESE	E HOLLY	24" HT /SPRD		CONTAINER	42" o.c.	
E GLA	138	ILEX GL	_ABRA	INKBERRY HOLLY	,	24" HT./SPRD.		3 GAL.	48" o.c.	
LANT SCHEDULE YARD) B									
MALL DECIDUOUS TREES	QTY	BOTAN	ICAL NAME	COMMON NAME		MIN. INSTALLED) SIZE	ROOT		REMARK
CAR AFR	6	CARPIN	NUS CAROLINIANA 'AUTUMN FIRE'	AUTUMN FIRE AM	IERICAN HORNBEAM	2" CAL.		B&B		
CHIVIR	7		ANTHUS VIRGINICUS	WHITE FRINGETR		2" CAL.		B&B		
DXY ARB	6	OXYDE		SOURWOOD TREE	<u> </u>	2" CAL.		B&B		
ARGE DECIDUOUS TREES	QTY	BOTAN	ICAL NAME	COMMON NAME		MIN. INSTALLED) SIZE	ROOT		REMARK
QUE PAL	13	QUERC	CUS PALUSTRIS	PIN OAK		2.5" CAL.		B&B		
AS ALB	18	SASSA	FRAS ALBIDUM	SASSAFRAS		2.5" CAL.		B&B		
HRUBS	QTY	POTAN	ICAL NAME	COMMON NAME		MIN. INSTALLED		ROOT	SPACING	REMARK
BE GRA	45			GLOSSY ABELIA		24" HT./SPRD.) SIZE		48" o.c.	
E COR	50		ORNUTA 'CARISSA'	CARISSA CHINESE	E HOLLY	24" HT./SPRD.		CONTAINER	40" 0.C.	
PLANT SCHEDULE YARD	_	POT A P				DEMADIZ				
ARGE EVERGREEN TREES	0 C QTY 50		NICAL NAME COMMON	NAME	MIN. INSTALLED SIZE	REMARKS	<u> </u>			
ARGE EVERGREEN TREES	QTY 50					REMARKS	<u>S</u>			
ARGE EVERGREEN TREES E NEL OVERALL PLANT SCHED	QTY 50	ILEX X				MIN. INSTALLE		ROOT		REMARK
ARGE EVERGREEN TREES E NEL OVERALL PLANT SCHED MALL DECIDUOUS TREES	QTY 50	BOTAN	'NELLIE R. STEVENS' NELLIE R.	COMMON NAME				ROOT B&B		REMARK
ARGE EVERGREEN TREES E NEL OVERALL PLANT SCHED MALL DECIDUOUS TREES AR AFR	QTY 50 DULE QTY	BOTAN CARPII	'NELLIE R. STEVENS' NELLIE R.	COMMON NAME	4` HT. MIN. MERICAN HORNBEAM	MIN. INSTALLE				REMARK
ARGE EVERGREEN TREES E NEL OVERALL PLANT SCHED MALL DECIDUOUS TREES AR AFR	QTY 50 DULE QTY 30	BOTAN CARPII CHION	NELLIE R. STEVENS' NELLIE R.	COMMON NAME	4` HT. MIN. MERICAN HORNBEAM REE	MIN. INSTALLEI 2" CAL.		B&B		REMARK
ARGE EVERGREEN TREES LE NEL DVERALL PLANT SCHED MALL DECIDUOUS TREES CAR AFR CHI VIR DXY ARB	QTY 50 DULE QTY 30 13	BOTAN CARPII CHION OXYDE	'NELLIE R. STEVENS' NELLIE R. NICAL NAME NUS CAROLINIANA 'AUTUMN FIRE' IANTHUS VIRGINICUS	COMMON NAME AUTUMN FIRE AM	4` HT. MIN. MERICAN HORNBEAM REE	MIN. INSTALLE 2" CAL. 2" CAL.	D SIZE	B&B B&B		REMARK
ARGE EVERGREEN TREES E NEL DVERALL PLANT SCHED MALL DECIDUOUS TREES AR AFR HI VIR DXY ARB ARGE DECIDUOUS TREES	QTY 50 DULE QTY 30 13 27	BOTAN CARPII CHION OXYDE BOTAN	'NELLIE R. STEVENS' NELLIE R. NICAL NAME NUS CAROLINIANA 'AUTUMN FIRE' IANTHUS VIRGINICUS ENDRUM ARBOREUM	COMMON NAME AUTUMN FIRE AM WHITE FRINGETF SOURWOOD TRE	4` HT. MIN. MERICAN HORNBEAM REE E	MIN. INSTALLE 2" CAL. 2" CAL. 2" CAL. 2" CAL.	D SIZE	B&B B&B B&B		
ARGE EVERGREEN TREES E NEL DVERALL PLANT SCHED MALL DECIDUOUS TREES AR AFR HI VIR DXY ARB ARGE DECIDUOUS TREES ET NIG	QTY 50 DULE QTY 30 13 27	BOTAN CARPII CHION OXYDE BOTAN BETUL	NICAL NAME NICAL NAME NICAL NAME NICAL NAME NICAL NAME NICAL NAME	COMMON NAME AUTUMN FIRE AM WHITE FRINGETF SOURWOOD TRE COMMON NAME DURA HEAT RIVE	4` HT. MIN. MERICAN HORNBEAM REE E	MIN. INSTALLE 2" CAL. 2" CAL. 2" CAL. 2" CAL. MIN. INSTALLE	D SIZE	B&B B&B B&B ROOT B&B B&B		
ARGE EVERGREEN TREES E NEL DVERALL PLANT SCHED MALL DECIDUOUS TREES AR AFR HI VIR DXY ARB ARGE DECIDUOUS TREES ET NIG LA BLO DUE PAL	QTY 50 DULE QTY 30 13 27 QTY 4 35 13	BOTAN CARPII CHION OXYDE BOTAN BETUL PLATA QUERC	VICAL NAME NUS CAROLINIANA 'AUTUMN FIRE' IANTHUS VIRGINICUS ENDRUM ARBOREUM NICAL NAME A NIGRA 'DURA HEAT' NUS X ACERIFOLIA 'BLOODGOOD' CUS PALUSTRIS	COMMON NAME AUTUMN FIRE AM WHITE FRINGETF SOURWOOD TRE COMMON NAME DURA HEAT RIVE BLOODGOOD LOP PIN OAK	4` HT. MIN. MERICAN HORNBEAM REE EE	MIN. INSTALLEI 2" CAL. 2" CAL. 2" CAL. 2" CAL. 2" CAL. 2" CAL. 2.5" CAL. 2.5" CAL. 2.5" CAL.	D SIZE	B&B B&B B&B ROOT B&B B&B B&B		
ARGE EVERGREEN TREES E NEL DVERALL PLANT SCHED MALL DECIDUOUS TREES AR AFR HI VIR DXY ARB ARGE DECIDUOUS TREES ET NIG LA BLO DUE PAL	QTY 50 DULE QTY 30 13 27 QTY 4 35	BOTAN CARPII CHION OXYDE BOTAN BETUL PLATA QUERC	'NELLIE R. STEVENS' NELLIE R. NICAL NAME NUS CAROLINIANA 'AUTUMN FIRE' IANTHUS VIRGINICUS ENDRUM ARBOREUM NICAL NAME .A NIGRA 'DURA HEAT' .NUS X ACERIFOLIA 'BLOODGOOD'	COMMON NAME AUTUMN FIRE AM WHITE FRINGETF SOURWOOD TRE COMMON NAME DURA HEAT RIVE BLOODGOOD LON	4` HT. MIN. MERICAN HORNBEAM REE EE	MIN. INSTALLEI 2" CAL. 2" CAL. 2" CAL. 2" CAL. 2" CAL. 2.5" CAL. 2.5" CAL.	D SIZE	B&B B&B B&B ROOT B&B B&B		
ARGE EVERGREEN TREES E NEL DVERALL PLANT SCHED MALL DECIDUOUS TREES AR AFR HI VIR XY ARB ARGE DECIDUOUS TREES ET NIG LA BLO DUE PAL AS ALB	QTY 50 DULE QTY 30 13 27 QTY 4 35 13 55 QTY	BOTAN CARPII CHION OXYDE BOTAN BETUL PLATA QUERC SASSA	VICAL NAME NICAL NAME	. STEVENS HOLLY COMMON NAME AUTUMN FIRE AM WHITE FRINGETF SOURWOOD TRE COMMON NAME DURA HEAT RIVE BLOODGOOD LON PIN OAK SASSAFRAS COMMON NAME	4` HT. MIN. MERICAN HORNBEAM REE EE ER BIRCH NDON PLANE TREE	MIN. INSTALLEI 2" CAL. 2" CAL. 2" CAL. 2" CAL. 2" CAL. 2.5" CAL. 2.5" CAL. 2.5" CAL. 2.5" CAL. 2.5" CAL. 2.5" CAL.	D SIZE	B&B B&B B&B ROOT B&B B&B B&B		REMARK
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ARGE EVERGREEN TREES E NEL DVERALL PLANT SCHED MALL DECIDUOUS TREES AR AFR CHI VIR DXY ARB ARGE DECIDUOUS TREES ET NIG LA BLO QUE PAL AS ALB ARGE EVERGREEN TREES E NEL HRUBS	QTY 50 QTY 30 13 27 QTY 4 35 13 55 QTY 50	ILEX X BOTAN CARPII CHION OXYDE BOTAN BETUL PLATA QUERC SASSA BOTAN ILEX X	'NELLIE R. STEVENS' NELLIE R. NICAL NAME NUS CAROLINIANA 'AUTUMN FIRE' IANTHUS VIRGINICUS ENDRUM ARBOREUM NICAL NAME A NIGRA 'DURA HEAT' NUS X ACERIFOLIA 'BLOODGOOD' CUS PALUSTRIS AFRAS ALBIDUM NICAL NAME 'NELLIE R. STEVENS'	STEVENS HOLLY COMMON NAME AUTUMN FIRE AM WHITE FRINGETF SOURWOOD TRE DURA HEAT RIVE BLOODGOOD LOP PIN OAK SASSAFRAS COMMON NAME NELLIE R. STEVEN	4` HT. MIN. MERICAN HORNBEAM REE EE ER BIRCH NDON PLANE TREE	MIN. INSTALLEI 2" CAL. 2" CAL. 2" CAL. 2" CAL. 2" CAL. 2.5" CAL. 2.5" CAL. 2.5" CAL. 2.5" CAL. 2.5" CAL. 4` HT. MIN.	D SIZE	B&B B&B B&B ROOT B&B B&B B&B B&B B&B ROOT	SPACING 48" o.c.	REMARK
ARGE EVERGREEN TREES E NEL DVERALL PLANT SCHED MALL DECIDUOUS TREES AR AFR HI VIR XY ARB ARGE DECIDUOUS TREES ET NIG LA BLO QUE PAL AS ALB ARGE EVERGREEN TREES E NEL HRUBS BE GRA	QTY 50 QTY 30 13 27 QTY 4 35 13 55 QTY 50 QTY 44 35 13 55 QTY 50 QTY 45 165	ILEX X BOTAN CARPII CHION OXYDE BOTAN BETUL PLATA QUERC SASSA ILEX X BOTAN ILEX X	'NELLIE R. STEVENS' NELLIE R. NICAL NAME NUS CAROLINIANA 'AUTUMN FIRE' IANTHUS VIRGINICUS IANTHUS VIRGINICUS ENDRUM ARBOREUM IANIGRA 'DURA HEAT' NICAL NAME IBLOODGOOD' CUS PALUSTRIS IBLOODGOOD' NICAL NAME INICAL NAME NICAL NAME INICAL NAME NICAL NAME INICAL NAME	STEVENS HOLLY COMMON NAME AUTUMN FIRE AM WHITE FRINGETF SOURWOOD TRE COMMON NAME DURA HEAT RIVE BLOODGOOD LON PIN OAK SASSAFRAS COMMON NAME NELLIE R. STEVEN COMMON NAME	4' HT. MIN. MERICAN HORNBEAM REE E E E R BIRCH NDON PLANE TREE	MIN. INSTALLEI 2" CAL. 2" CAL. 2" CAL. 2" CAL. 2" CAL. 2.5" CAL. 2.5" CAL. 2.5" CAL. 2.5" CAL. 4` HT. MIN. MIN. INSTALLEI 4` HT. MIN.	D SIZE	B&B B&B B&B ROOT B&B B&B B&B B&B B&B ROOT		REMARK
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ARGE EVERGREEN TREES LE NEL OVERALL PLANT SCHED MALL DECIDUOUS TREES CAR AFR CHI VIR OXY ARB ARGE DECIDUOUS TREES ET NIG LA BLO QUE PAL GAS ALB ARGE EVERGREEN TREES LE NEL CHRUBS BE GRA LE COR LE GLA VET POND	QTY 50 QTY 30 13 27 QTY 4 35 13 55 QTY 50 QTY 44 35 13 55 QTY 50 QTY 45 165	ILEX X BOTAN CARPII CHION OXYDE BOTAN BETUL PLATA QUERC SASSA ILEX X BOTAN ILEX X ILEX G ILEX G	'NELLIE R. STEVENS' NELLIE R. NICAL NAME NUS CAROLINIANA 'AUTUMN FIRE' IANTHUS VIRGINICUS ENDRUM ARBOREUM NICAL NAME .A NIGRA 'DURA HEAT' .NUS X ACERIFOLIA 'BLOODGOOD' CUS PALUSTRIS AFRAS ALBIDUM NICAL NAME 'NELLIE R. STEVENS'	STEVENS HOLLY COMMON NAME AUTUMN FIRE AM WHITE FRINGETF SOURWOOD TRE COMMON NAME DURA HEAT RIVE BLOODGOOD LON PIN OAK SASSAFRAS COMMON NAME NELLIE R. STEVEN COMMON NAME GLOSSY ABELIA CARISSA CHINES	4' HT. MIN. MERICAN HORNBEAM REE EE ER BIRCH NDON PLANE TREE SNS HOLLY	MIN. INSTALLEI 2" CAL. 2" CAL. 2" CAL. 2" CAL. 2" CAL. 2" CAL. 2.5" CAL. 2.5" CAL. 2.5" CAL. 2.5" CAL. 4` HT. MIN. MIN. INSTALLEI 4` HT. MIN. MIN. INSTALLEI 24" HT./SPRD. 24" HT./SPRD.	D SIZE D SIZE D SIZE D SIZE	B&B B&B B&B ROOT B&B B&B B&B B&B ROOT ROOT ROOT CONTAINER	48" o.c. 42" o.c.	
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GENERAL NOTES

PRE-CONSTRUCTION

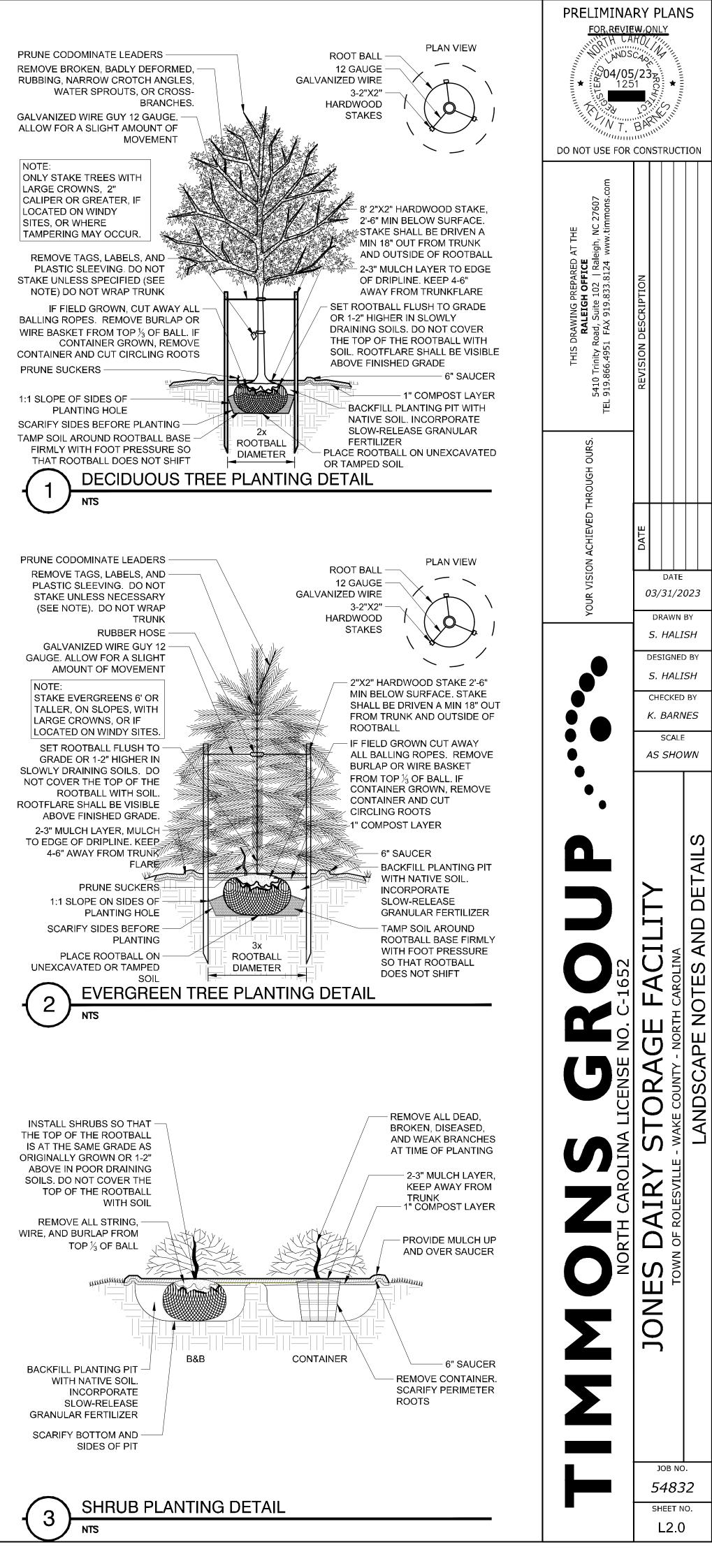
- CONTRACTOR IS RESPONSIBLE FOR CONTACTING VIRGINIA 811 AT 1.800.553.3120 FOR LOCATION OF ALL UTILITY LINES.TREES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM SEWER/WATER CONNECTIONS. NOTIFY LANDSCAPE ARCHITECT OF CONFLICTS.
- VERIFY ALL PLANT MATERIAL QUANTITIES ON THE PLAN PRIOR TO BIDDING, PLANT LIST TOTALS ARE FOR CONVENIENCE ONLY AND SHALL BE VERIFIED PRIOR TO BIDDING.
- PROVIDE PLANT MATERIALS OF QUANTITY, SIZE, GENUS, SPECIES, AND VARIETY INDICATED ON PLANS. ALL PLANT MATERIALS AND INSTALLATION SHALL COMPLY WITH RECOMMENDATIONS AND REQUIREMENTS OF ANSI Z60.1 "AMERICAN STANDARD FOR NURSERY STOCK". IF SPECIFIED PLANT MATERIAL IS NOT OBTAINABLE, SUBMIT PROOF OF NON AVAILABILITY TO THE LANDSCAPE ARCHITECT, TOGETHER WITH PROPOSAL FOR USE OF EQUIVALENT MATERIAL.
- PROVIDE AND INSTALL ALL PLANTS AS IN ACCORDANCE WITH DETAILS AND CONTRACT SPECIFICATIONS.
- SOIL TESTS SHALL BE PERFORMED TO DETERMINE SOIL CHARACTER AND QUALITY. NECESSARY SOIL AMENDMENTS SHALL BE PERFORMED PER TEST RESULTS TO ENSURE PLANT HEALTH.

CONSTRUCTION/INSTALLATION

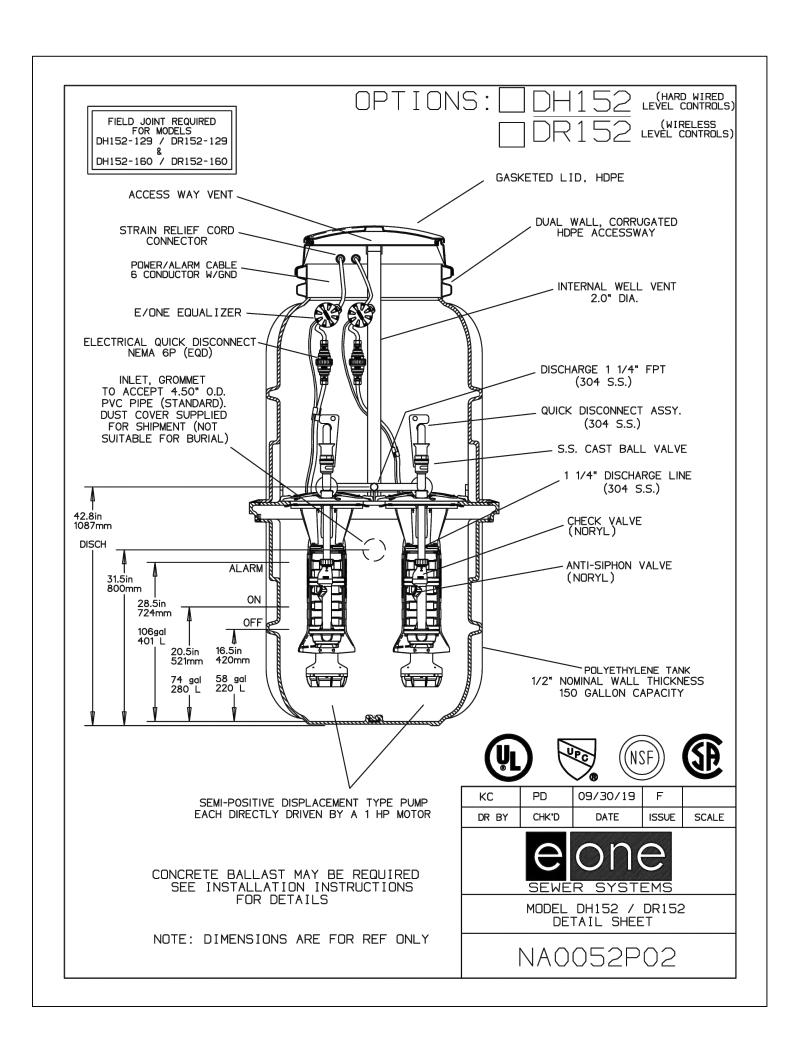
- LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS AND MATERIALS THAT ARE IN AN UNHEALTHY OR UNSIGHTLY CONDITION, AS WELL AS PLANTS AND MATERIALS THAT DO NOT CONFORM TO ANSI Z60.1 "AMERICAN STANDARD FOR NURSERY STOCK"
- LABEL AT LEAST ONE TREE AND ONE SHRUB OF EACH VARIETY AND CALIPER WITH A SECURELY ATTACHED, WATERPROOF TAG BEARING THE DESIGNATION OF BOTANICAL AND COMMON NAME.
- INSTALL LANDSCAPE PLANTINGS AT ENTRANCES/EXITS AND PARKING AREAS ACCORDING TO PLANS SO THAT MATERIALS WILL NOT INTERFERE WITH SIGHT DISTANCES.
- CONTRACTOR IS RESPONSIBLE FOR WATERING ALL PLANT MATERIAL DURING INSTALLATION AND UNTIL FINAL INSPECTION AND ACCEPTANCE BY OWNER. CONTRACTOR SHALL NOTIFY OWNER OF CONDITIONS WHICH AFFECTS THE GUARANTEE.

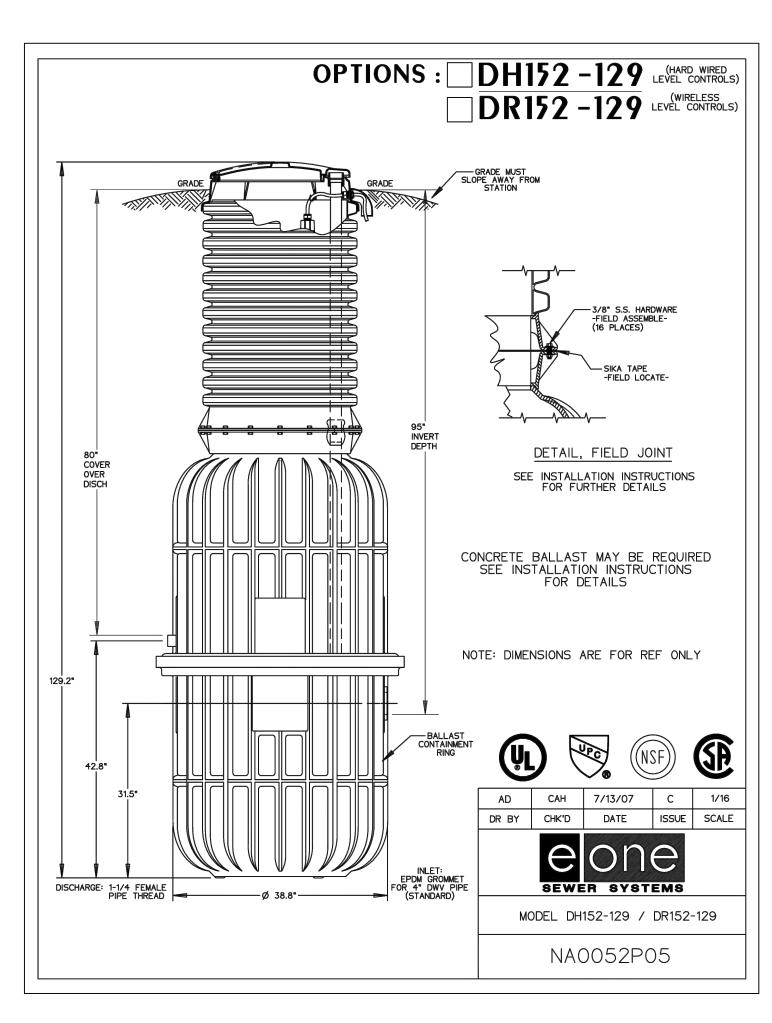
INSPECTIONS/GUARANTEE

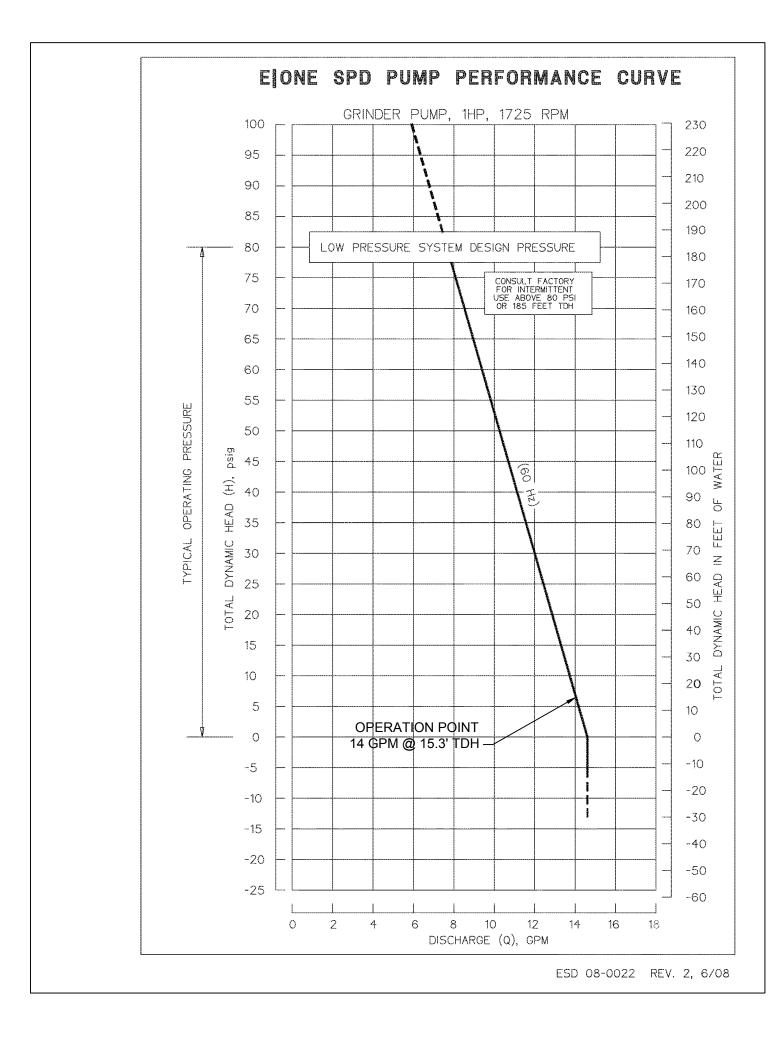
- UPON COMPLETION OF LANDSCAPE INSTALLATION, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR WHO WILL VERIFY COMPLETENESS, INCLUDING THE REPLACEMENT OF ALL DEAD PLANT MATERIAL. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A FINAL INSPECTION BY THE LANDSCAPE ARCHITECT.
- ALL EXTERIOR PLANT MATERIALS SHALL BE GUARANTEED FOR ONE FULL YEAR AFTER DATE OF FINAL INSPECTION AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH. DEFECTS RESULTING FROM NEGLECT BY THE OWNER, ABUSE OR DAMAGE BY OTHERS, OR UNUSUAL PHENOMENA OR INCIDENTS WHICH ARE BEYOND THE CONTRACTORS CONTROL ARE NOT THE RESPONSIBILITY OF THE CONTRACTOR.
- PLANT MATERIAL QUANTITIES AND SIZES WILL BE INSPECTED FOR COMPLIANCE WITH APPROVED PLANS BY A SITE PLAN REVIEW AGENT OF THE PLANNING DEPARTMENT PRIOR TO THE RELEASE OF THE CERTIFICATE OF OCCUPANCY.
- REMOVE ALL GUY WIRES AND STAKES 12 MONTHS AFTER INSTALLATION.



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DESIGN CRITERIA:

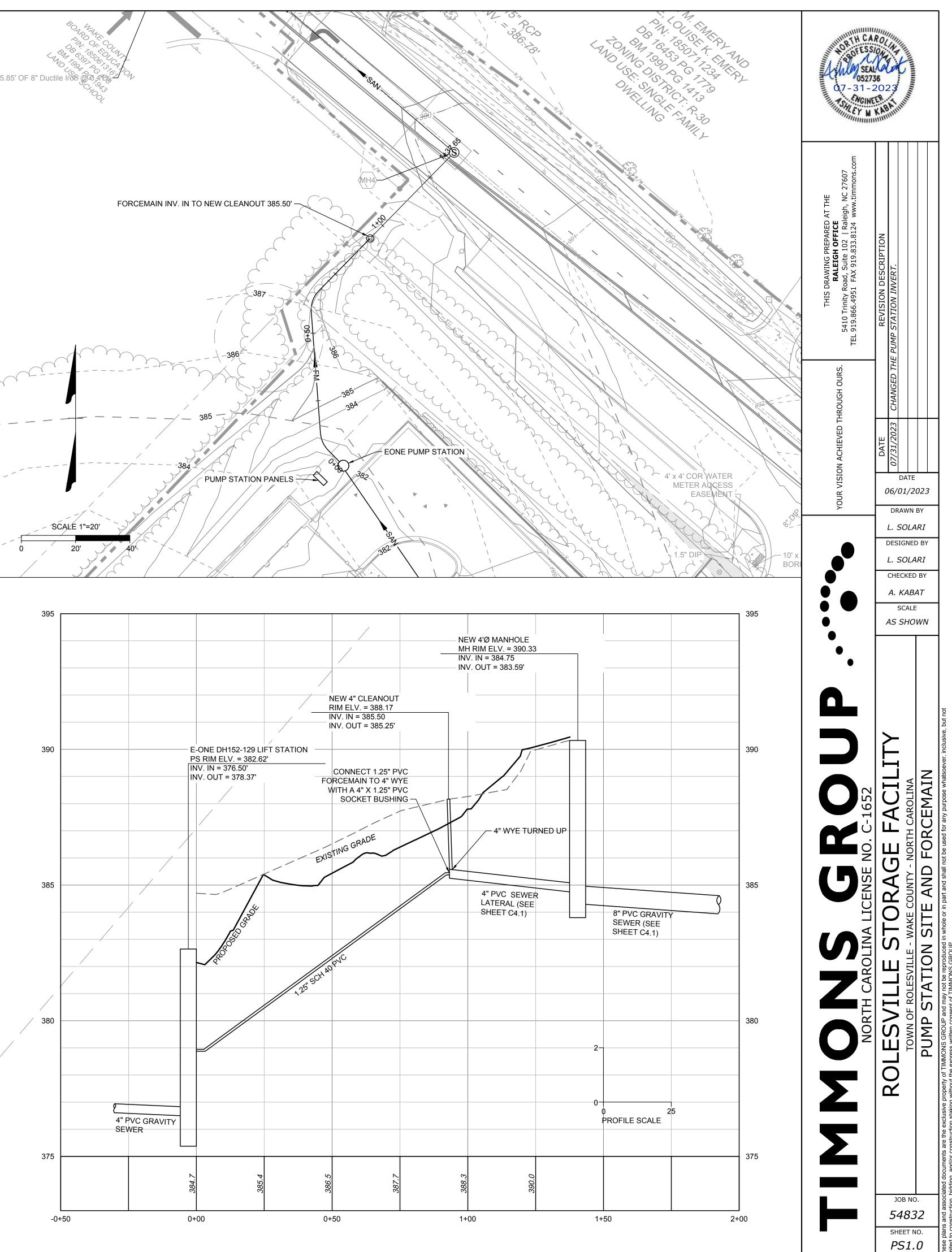
- 3720185000K EFF. 07/19/2022.
- 2. THE ROLESVILLE STORAGE FACILITY PUMP STATION HAS BEEN DESIGNED TO HANDLE AN AVERAGE DAILY FLOW OF 1,570 GALLONS PER DAY (GPD) BASED ON 15A NCAC 02T FLOW RULES: 1 GPD PER STORAGE UNIT. THE PEAK INFLUENT RATE IS 2.73 GALLONS PER MINUTE BASED ON A PEAKING FACTOR OF 2.5. THE STATION WILL BE A DUPLEX ENVIRONMENT ONE STATION (OR APPROVED EQUAL) WITH A 1.25" SCH 40 PVC FORCE MAIN, WHICH WILL DISCHARGE TO AN PROPOSED 4" CLEANOUT LOCATED AT THE RIGHT OF WAY.
- 3. PUMP STATION FLOWS ARE HANDLED BY A SINGLE ENVIRONMENT ONE SUBMERSIBLE GRINDER PUMP OR APPROVED EQUIVALENT OPERATING AT THE RATE SHOWN BELOW. A SECOND ENVIRONMENT ONE PUMP IS PROVIDED FOR REDUNDANCY.
- 4. THE DESIGN PUMPING RATE IS 14 GPM AT 15.3' TDH UTILIZING A SINGLE PUMP.

PUMP STATION NOTES:

- ONE OR APPROVED EQUIVALENT.
- 2. CONTRACTOR TO MAINTAIN A DRY EXCAVATION UNTIL ALL BACKFILLING IS COMPLETED.
- 3. CONTRACTOR TO ENSURE POSITIVE DRAINAGE AWAY FROM PUMP STATION.
- REQUIRED PUMP STATION LOAD.

ELECTRICAL NOTES:

- AND NEMA 4X.
- 3. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND REGULATIONS; AND THE RECOMMENDATIONS AND REQUIREMENTS OF THE EQUIPMENT MANUFACTURERS.
- 4. NO ELECTRICAL SPLICES ALLOWED IN WET WELL.
- 5. ALL EXTERIOR CONDUITS SHALL BE UNDERGROUND AND SHALL BE INSTALLED PER 1996 NEC TABLE 300-5 & TABLE 300-50 AND ARTICLE 300-6 (PROTECTION AGAINST CORROSION). 6. E/ONE CELLULAR MODEM SENTRY ADVISOR AND SENTRY PROTECT PLUS DUPLEX SHALL BE
- COMBINED INTO ONE PANEL.



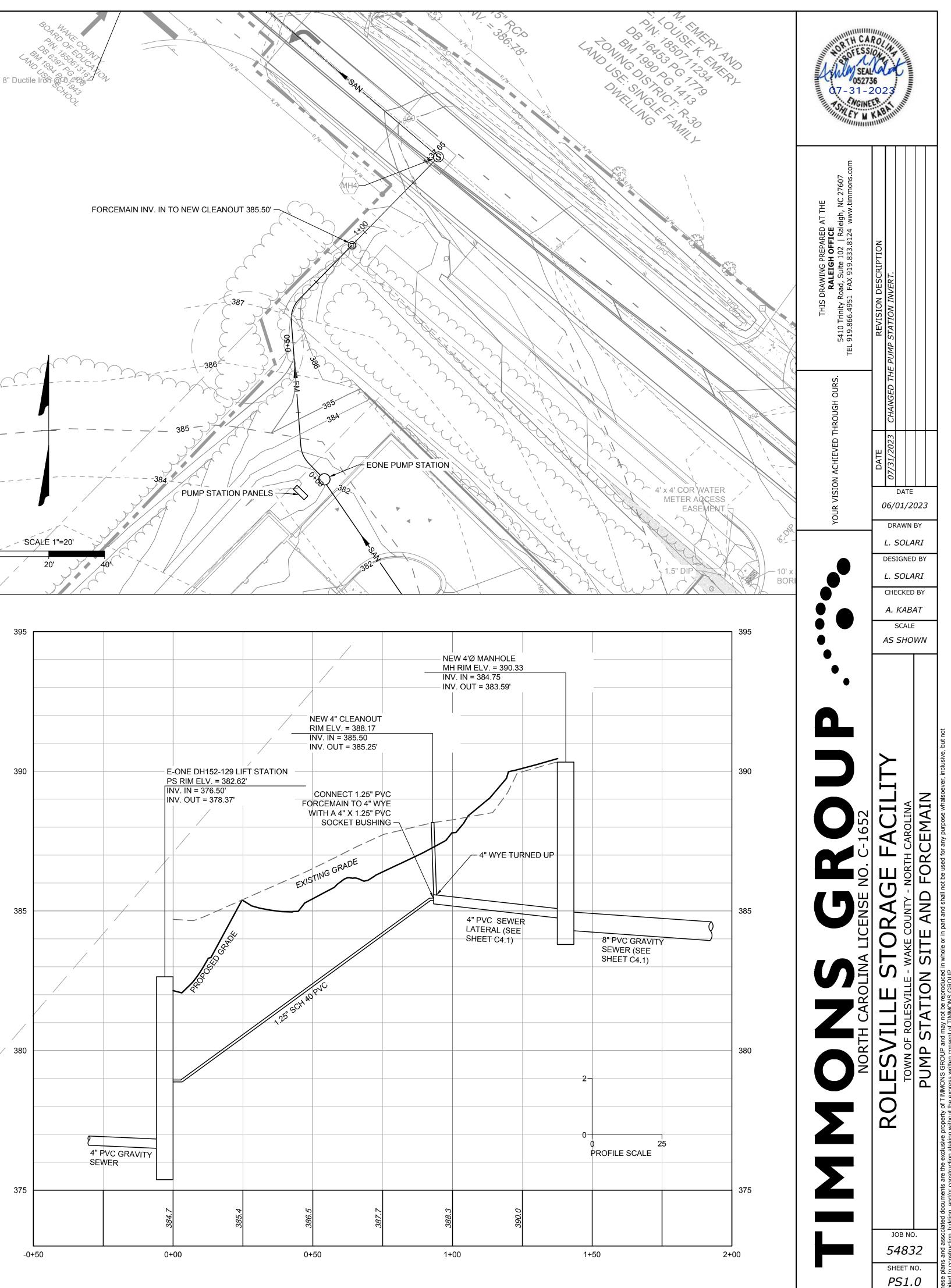
1. PUMP STATION IS NOT LOCATED WITHIN 100-YR FLOODPLAIN ACCORDING TO FEMA FIRM MAP

1. ALL PUMP STATION COMPONENTS SHALL BE SUPPLIED BY ONE MANUFACTURER: ENVIRONMENT

4. A BACKUP GENERATOR WILL BE PROVIDED FOR THE BUILDING AND WILL BE SIZED TO SERVE THE

1. ALL ABOVE-GRADE ENCLOSURES INSTALLED UNDER THIS CONTRACT SHALL BE PAD LOCKABLE

2. ALL WIRE INSTALLED UNDER THIS CONTRACT SHALL BE COPPER.

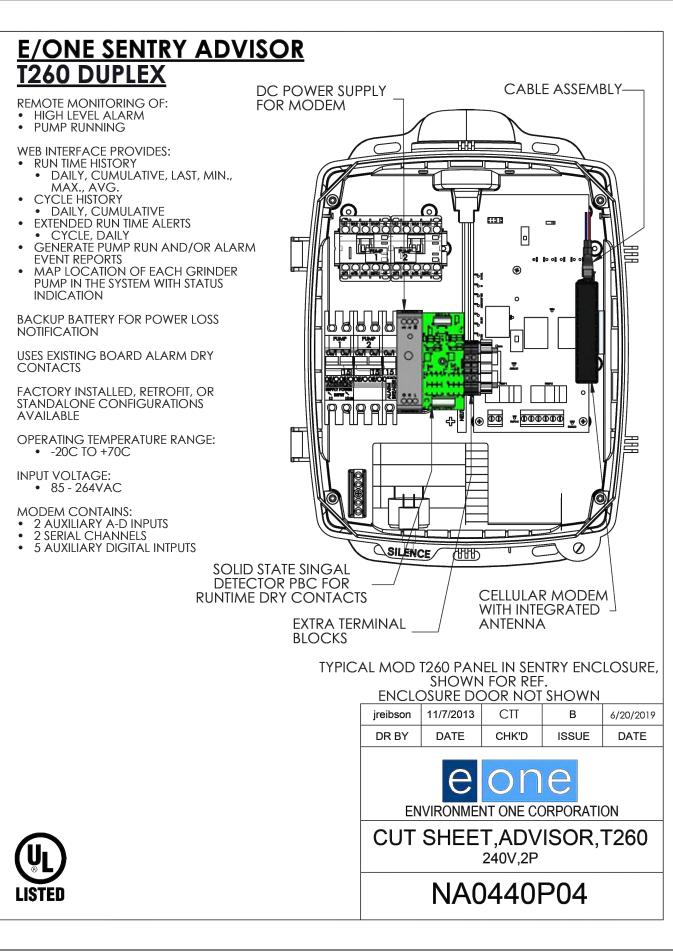


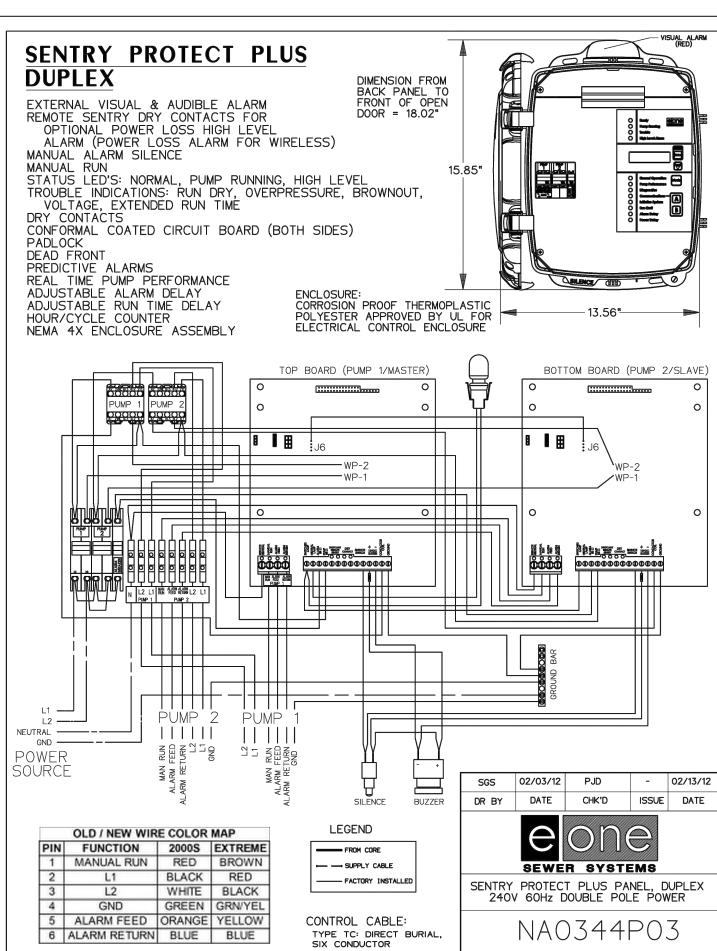
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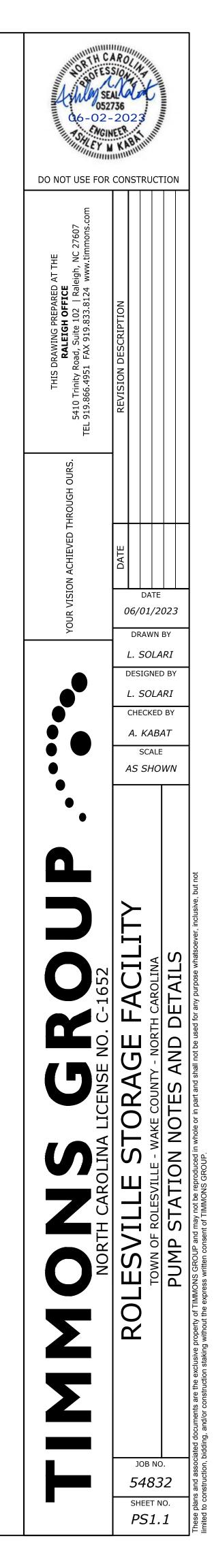




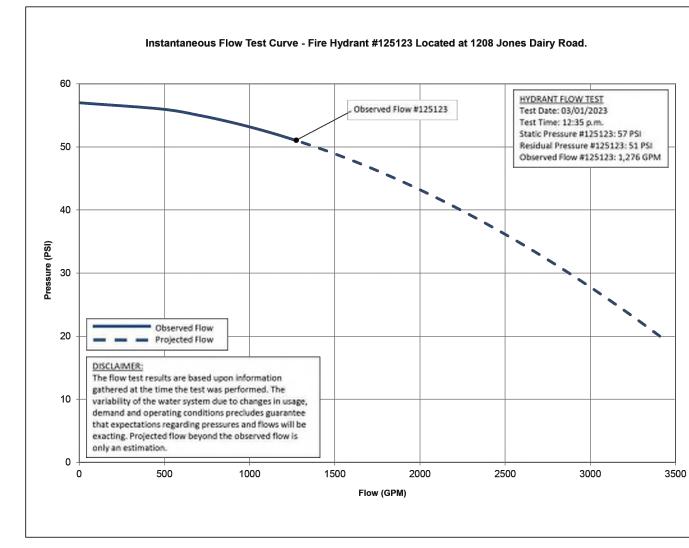


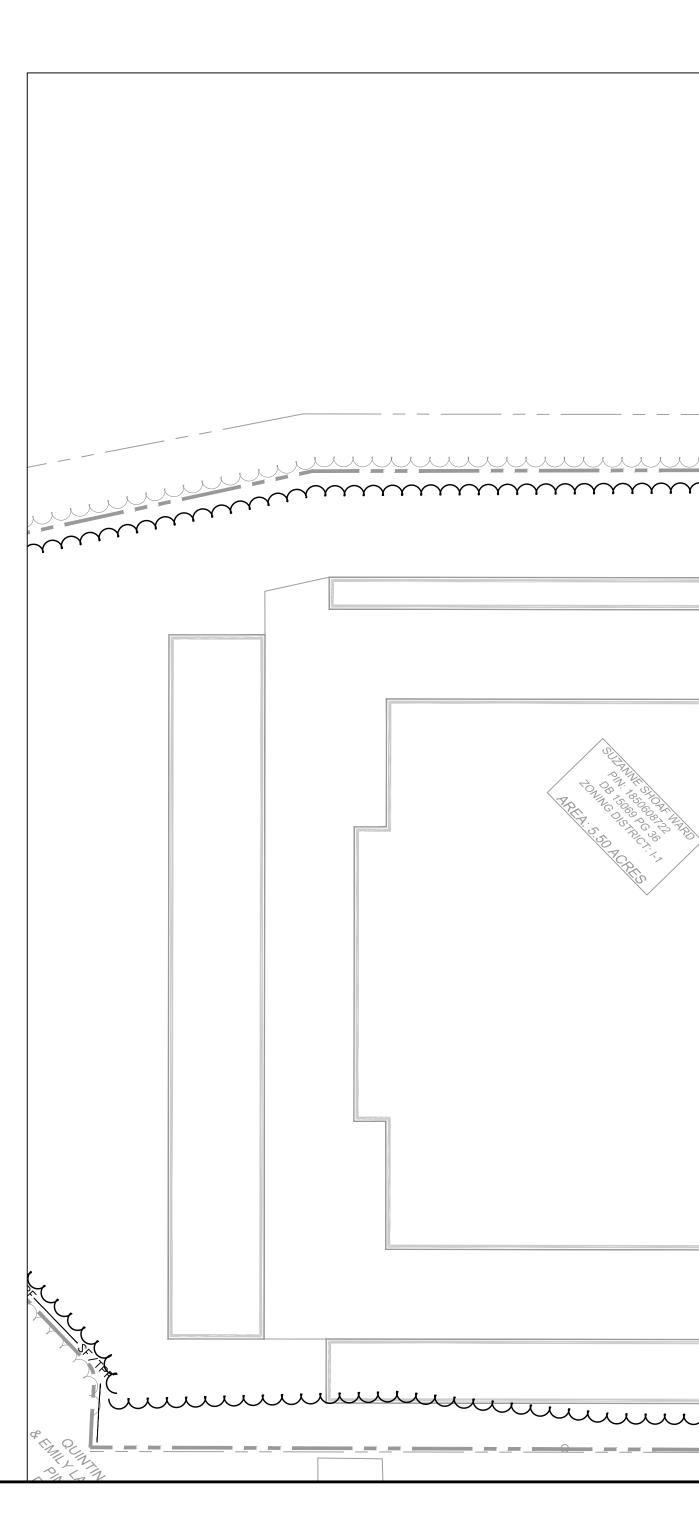






AVAILABLE FLOW CURVE





AVAILABLE FIRE FLOW

ELOW SCENADIO	HYDRANTS											
FLOW SCENARIO	H-1	H-2	H-3	H-4								
ELEVATION (FT)	383.4	383.4	388.0	383.3								
AVAILABLE FIRE FLOW*	1,788	1,716	2,956	2,050								
MINIMUM RESIDUAL PRESSSURE DURING REQURIED FIRE FLOW**	34.6	34.5	40.4	34.5								

*AVAILABLE FIRE FLOW IS MEASURED, NON-SIMULTANEOUSLY, DURING THE MAX DAILY DEMAND SCENARIO AT A SYSTEM RESIDUAL PRESSURE LIMIT OF 20 PSI. **1,500 GPM IS REQUIRED AT EACH ONSITE HYDRANT.

RESIDUAL PRESSURE RESULTS (PSI)

ELOW SCENARIO		JU	NCTIO	HYDRANTS						
FLOW SCENARIO	J-1	J-2	J-3	J-4	J-5	H-1	H-2	H-3	H-4	
ELEVATION (FT)	391.5	388.9	383.3	383.5	383.5	383.4	383.4	388.0	383.3	
STATIC	55.5	56.6	54.0	53.9	58.8	53.9	53.9	57.0	54.0	
AVERAGE DAILY DEMAND (ADD)	55.5	56.6	54.0	53.9	48.7	53.9	53.9	57.0	54.0	
MAXIMUM DAILY DEMAND (MDD)	55.5	56.6	54.0	53.9	48.5	53.9	53.9	57.0	54.0	
MDD + SPRINKLER	54.5	55.5	51.4	51.0	47.4	51.4	51.4	56.1	51.4	

PIPE REPORT

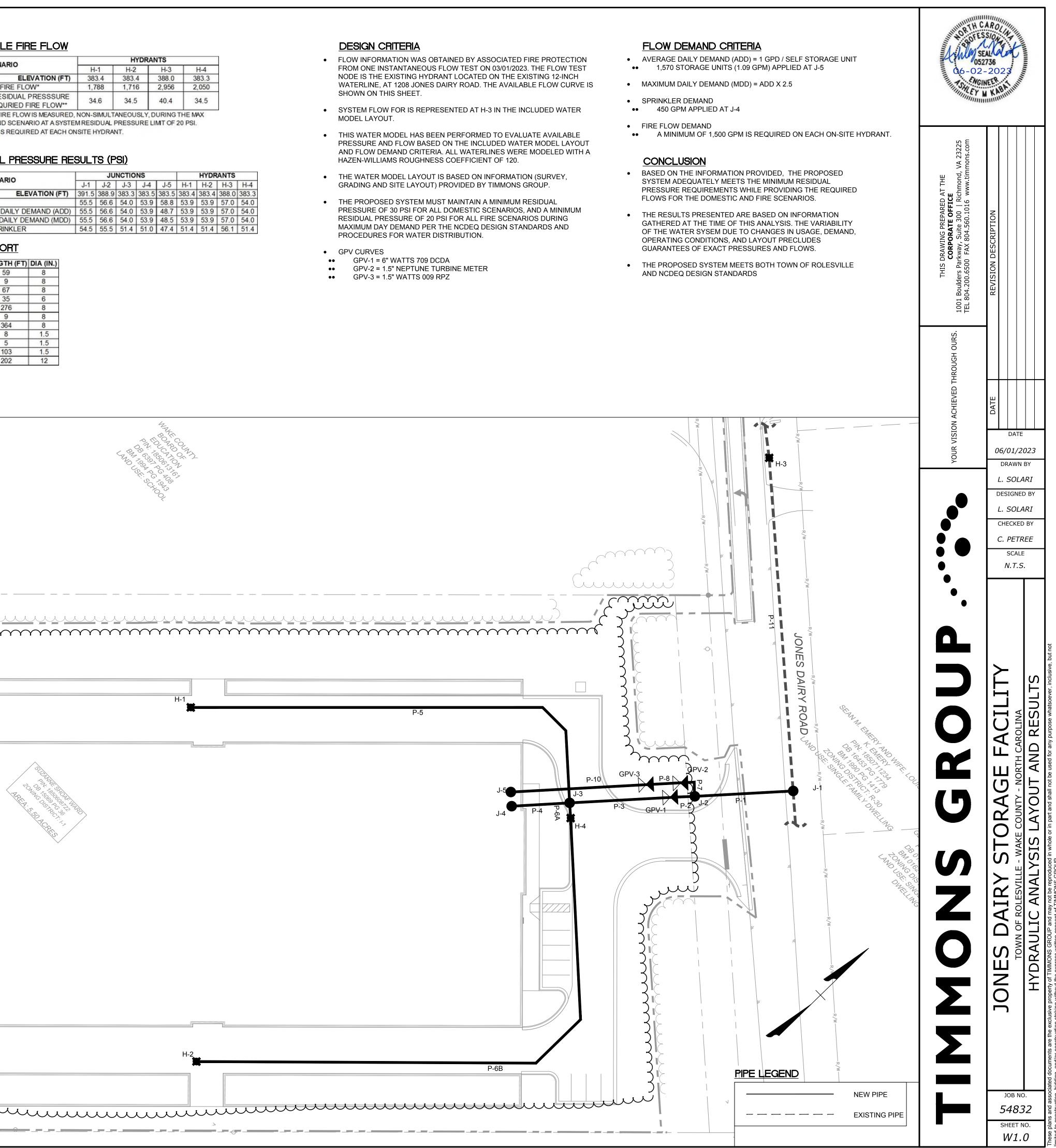
LABEL	LENGTH (FT)	DIA (IN.)
P-1	59	8
P-2	9	8
P-3	67	8
P-4	35	6
P-5	276	8
P-6A	9	8
P-6B	364	8
P-7	8	1.5
P-8	5	1.5
P-10	103	1.5
P-11	202	12

- **DESIGN CRITERIA**
- FLOW INFORMATION WAS OBTAINED BY ASSOCIATED FIRE PROTECTION FROM ONE INSTANTANEOUS FLOW TEST ON 03/01/2023. THE FLOW TEST NODE IS THE EXISTING HYDRANT LOCATED ON THE EXISTING 12-INCH WATERLINE, AT 1208 JONES DAIRY ROAD. THE AVAILABLE FLOW CURVE IS SHOWN ON THIS SHEET.
- SYSTEM FLOW FOR IS REPRESENTED AT H-3 IN THE INCLUDED WATER MODEL LAYOUT.
- THIS WATER MODEL HAS BEEN PERFORMED TO EVALUATE AVAILABLE PRESSURE AND FLOW BASED ON THE INCLUDED WATER MODEL LAYOUT AND FLOW DEMAND CRITERIA. ALL WATERLINES WERE MODELED WITH A HAZEN-WILLIAMS ROUGHNESS COEFFICIENT OF 120.
- THE WATER MODEL LAYOUT IS BASED ON INFORMATION (SURVEY, GRADING AND SITE LAYOUT) PROVIDED BY TIMMONS GROUP.
- THE PROPOSED SYSTEM MUST MAINTAIN A MINIMUM RESIDUAL PRESSURE OF 30 PSI FOR ALL DOMESTIC SCENARIOS, AND A MINIMUM RESIDUAL PRESSURE OF 20 PSI FOR ALL FIRE SCENARIOS DURING MAXIMUM DAY DEMAND PER THE NCDEQ DESIGN STANDARDS AND PROCEDURES FOR WATER DISTRIBUTION.

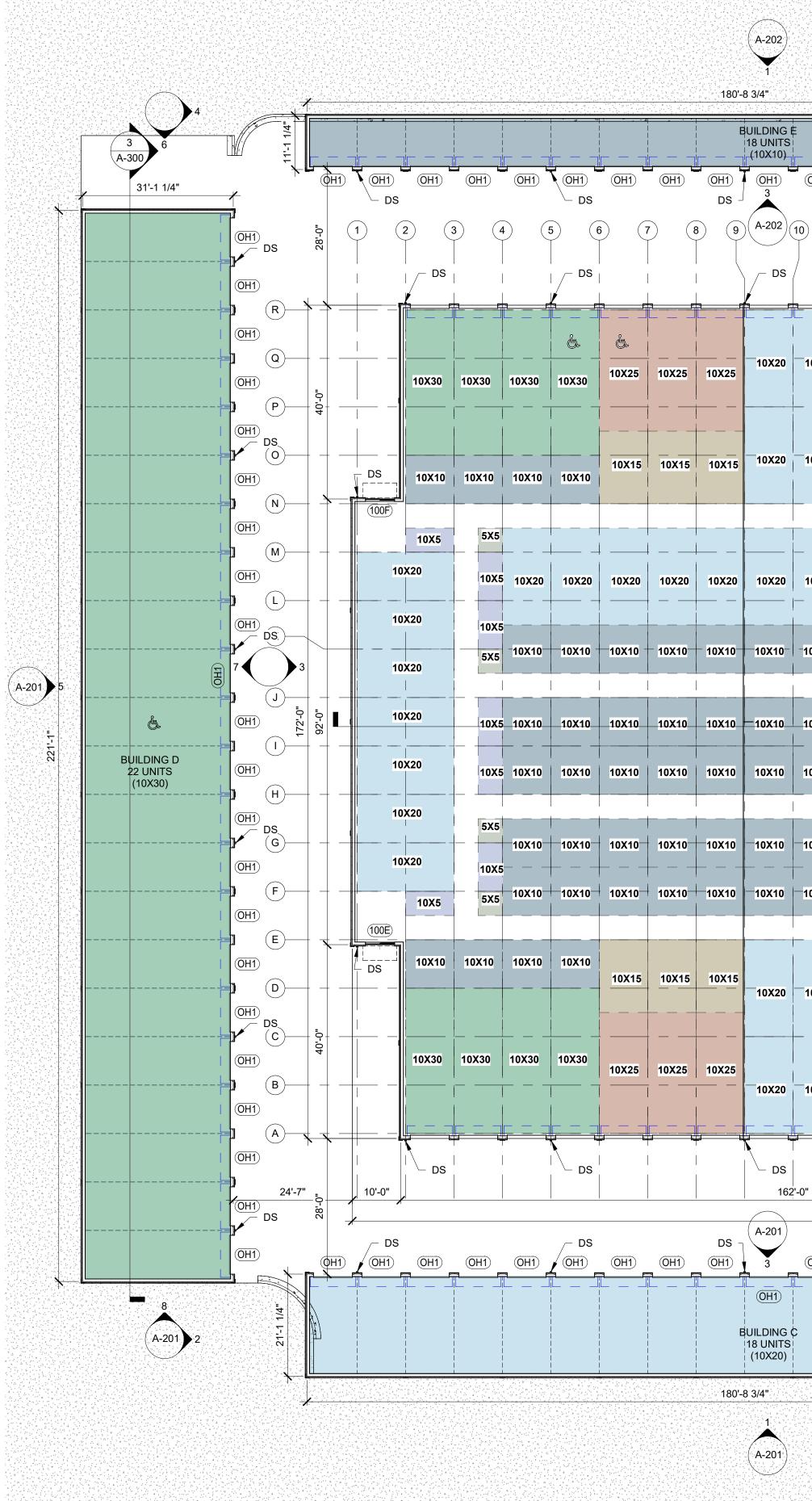
P-6B

- GPV CURVES
- GPV-1 = 6" WATTS 709 DCDA •• GPV-2 = 1.5" NEPTUNE TURBINE METER ••
- GPV-3 = 1.5" WATTS 009 RPZ ••

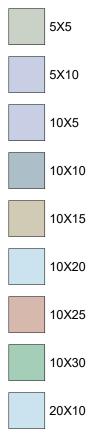




1 OVERALL FLOOR PLAN



Unit Legend



														2 A-300				(A-202 5															
- 14 - 14																	¦ 18	183'-4 LDING F UNITS (0X10)							 		<u>E</u>		6 (A-202)				
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FLOOR PLAN NOTES STORAGE UNIT MIX FLOOR PLAN LEGEND G.C. TO PROVIDE AND COORDINATE Name Count Area % BLOCKING FOR ALL FURNITURE, FIXTURES, DRAPERIES, TOILET ACCESSORIES, AND INDICATES ADA ACCESSIBLE UNITS INTERIOR ACCESSORIES. 1,600 SF 14% 5X5 64 PRIOR TO CONSTRUCTION OF THE PROJECT, 5X10 900 SF 4% 18 THE CONTRACTOR SHALL COORDINATE AND VERIFY THE LOCATION OF LIGHTING 10X5 4,800 SF 20% 96 WALL RATING LEGEND FIXTURES AND ELECTRICAL RECEPTACLES 10X10 15,200 SF 32% WITH THE OWNERS FURNITURE AND 152 EQUIPMENT PLAN. THE CONTRACTOR SHALL 10X15 64 9,600 SF 14% NON RATED PARTITION BRING ANY SUSPECTED DISCREPANCIES TO THE ATTENTION OF THE OWNERS 10X20 9,400 SF 10% 47 1 HOUR RATED PARTITION REPRESENTATIVE FOR RESOLUTION PRIOR 2 HOUR RATED PARTITION 10X25 12 3,000 SF 3% TO CONSTRUCTION. ALIGN FINISHED FACE OF CONTINUOUS 10X30 4,800 SF 3% 16 PARTITIONS THAT CHANGE PARTITION TYPES ALONG A STRAIGHT RUN. 20X10 400 SF 0% 2 MAINTAIN ALL CLEARANCES AT ADA 471 49,700 SF SEE PARTITION TYPES ON SHEET G2.01 BATHROOMS COORDINATE WITH FIRE PROTECTION SUBCONTRACTOR REGARDING LOCATION OF INSPECTORS TEST VALVE AND SIGHT GLASS. PROVIDE FIRE RATED ACCESS PANEL AS APPROPRIATE FOR ALL **GROSS SQUARE FOOTAGE** LOCATIONS DIMENSIONS ARE FROM FACE OF 62,610 SF STRUCTURE TO FACE OF STRUCTURE U.N.O. WALLS ALIGNED TO GRID REFERENCE EFFICIENCY LINES - GRID LINE IS ALIGNED TO FACE OF STRUCTURE U.N.O. SEE FLOOR PLAN FOR TYPICAL DIMENSIONS 49,700 / 62,610 = 79.4%

AVERAGE UNIT AREA 105.5 SF

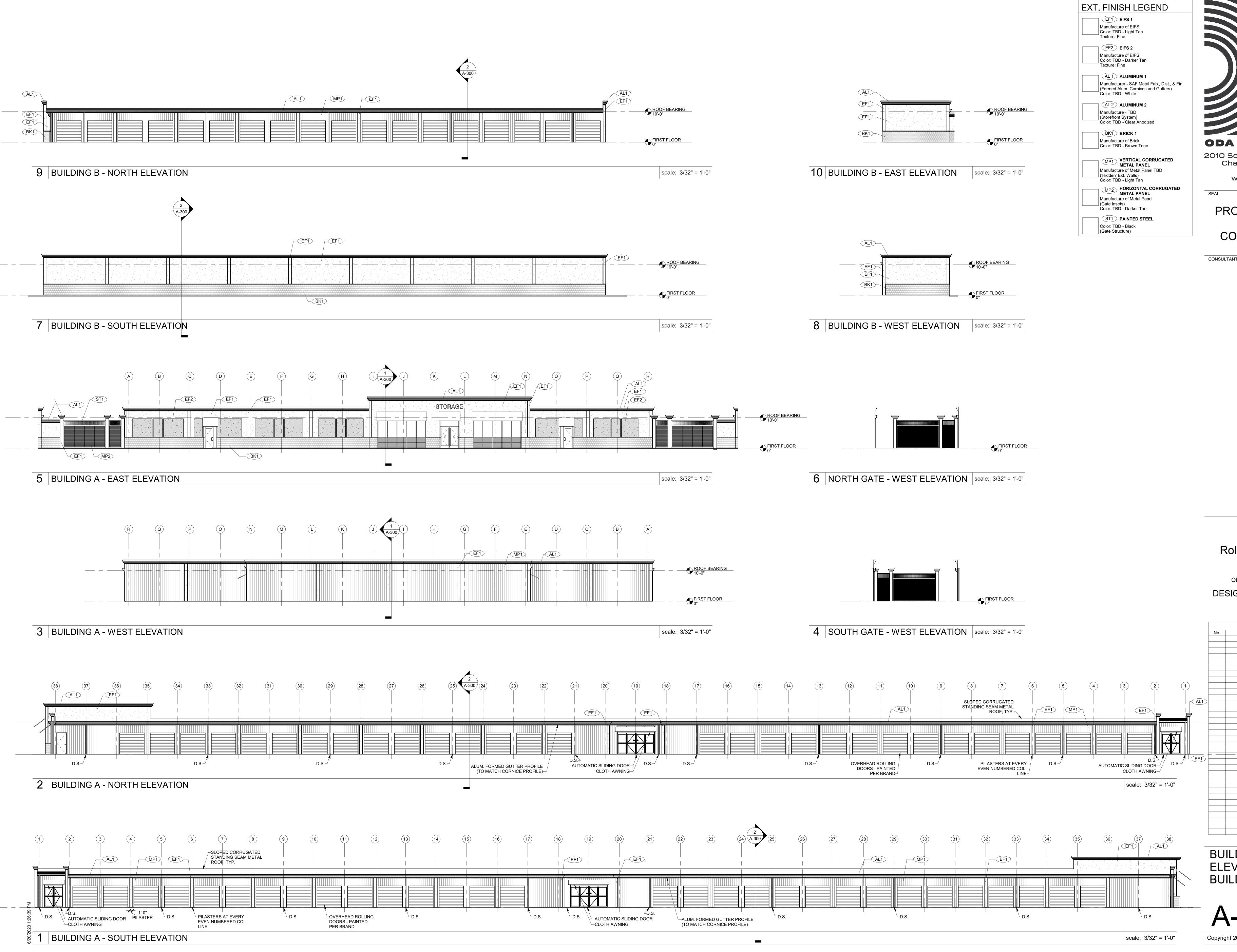


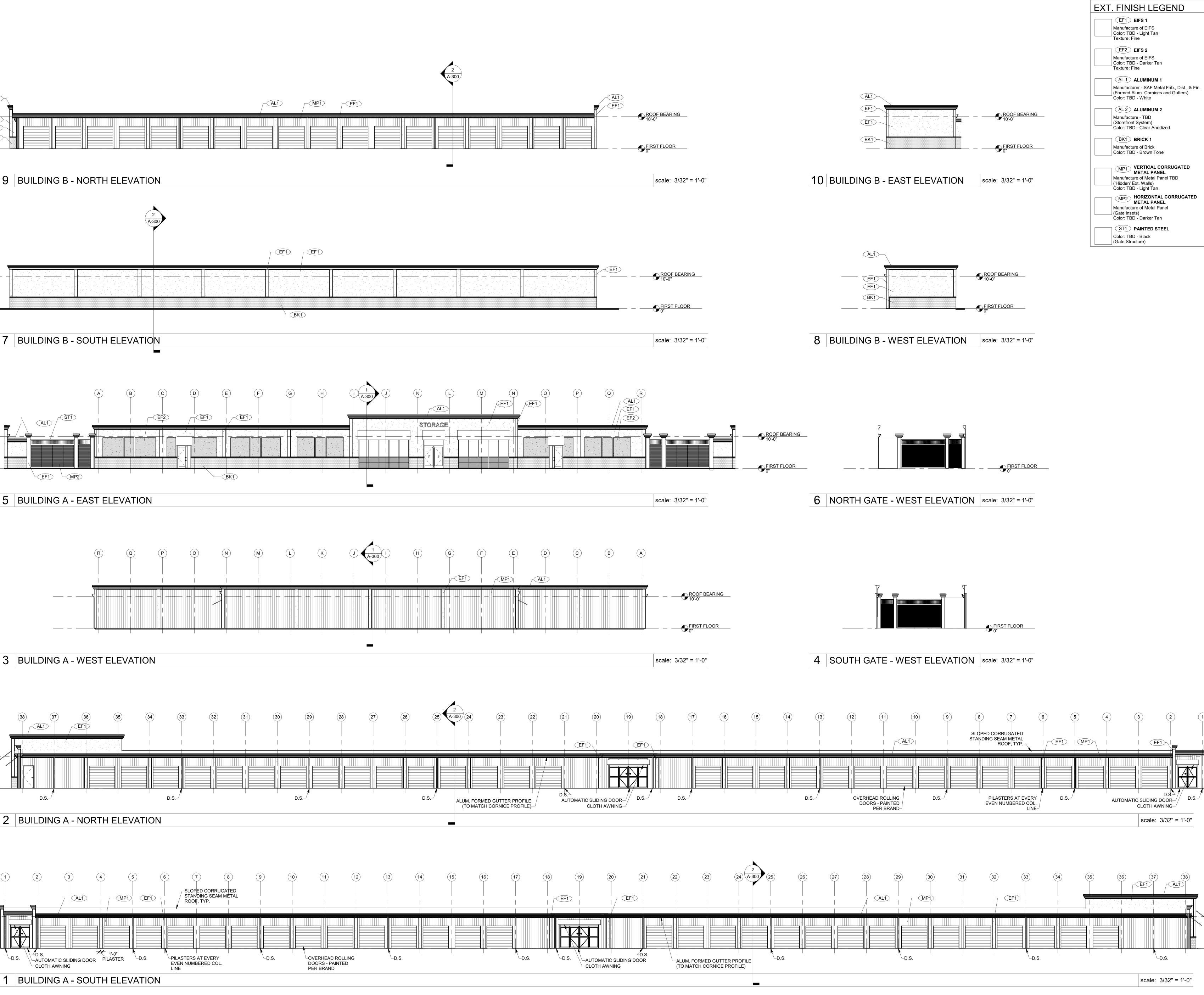
PROGRESS PRINT NOT FOR CONSTRUCTION

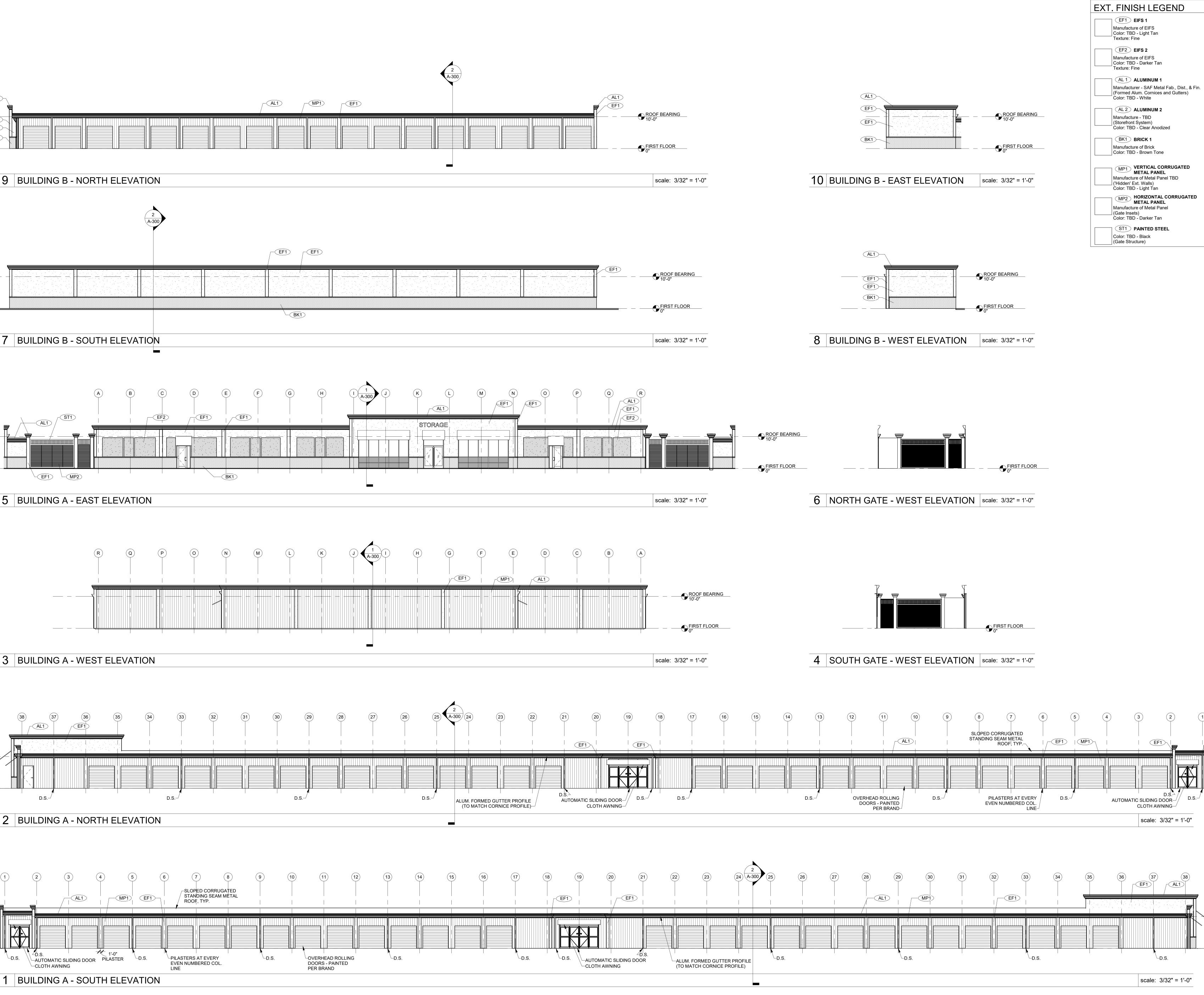
CONSULTANT:

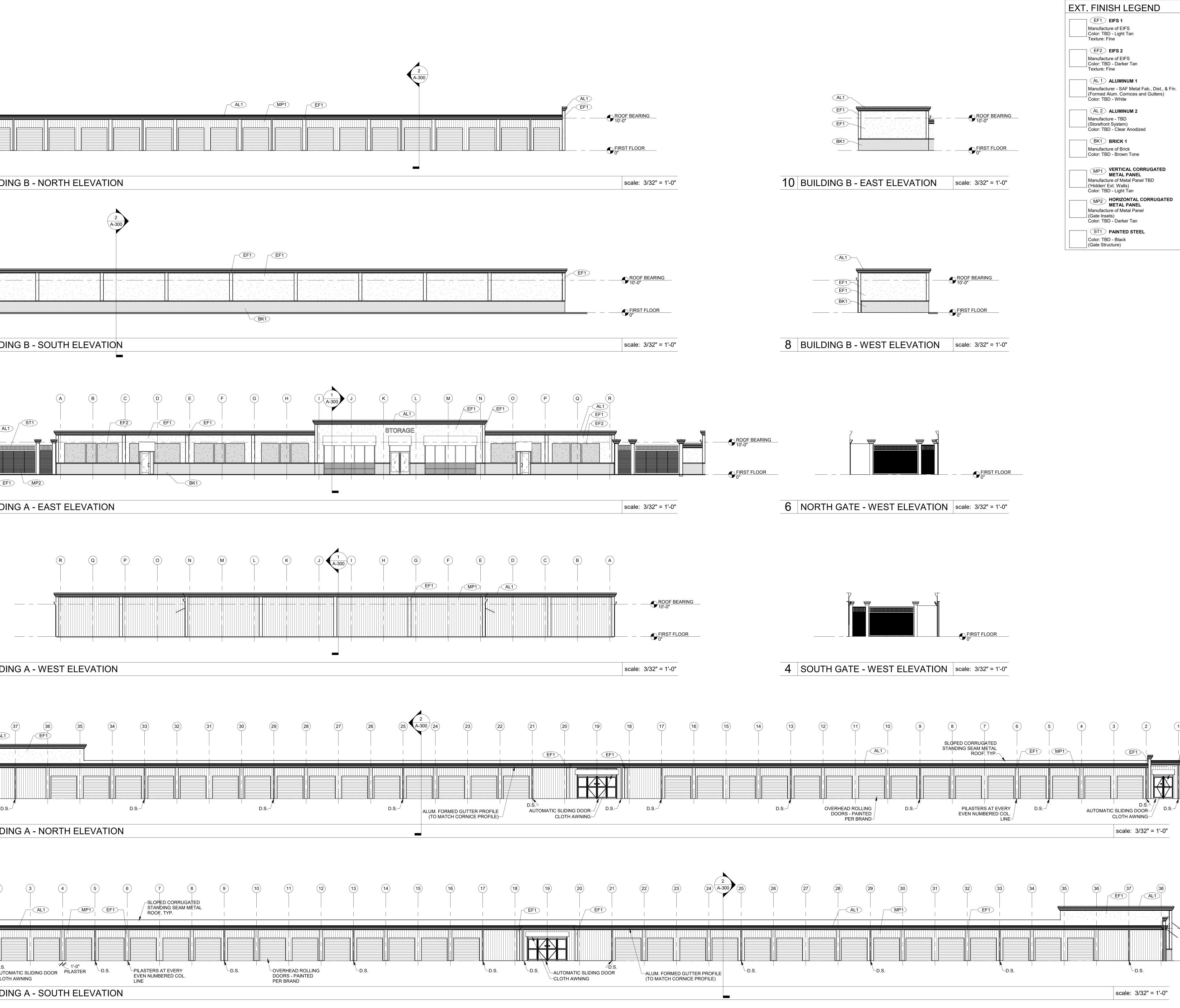
AND DETAIL CALLOUTS

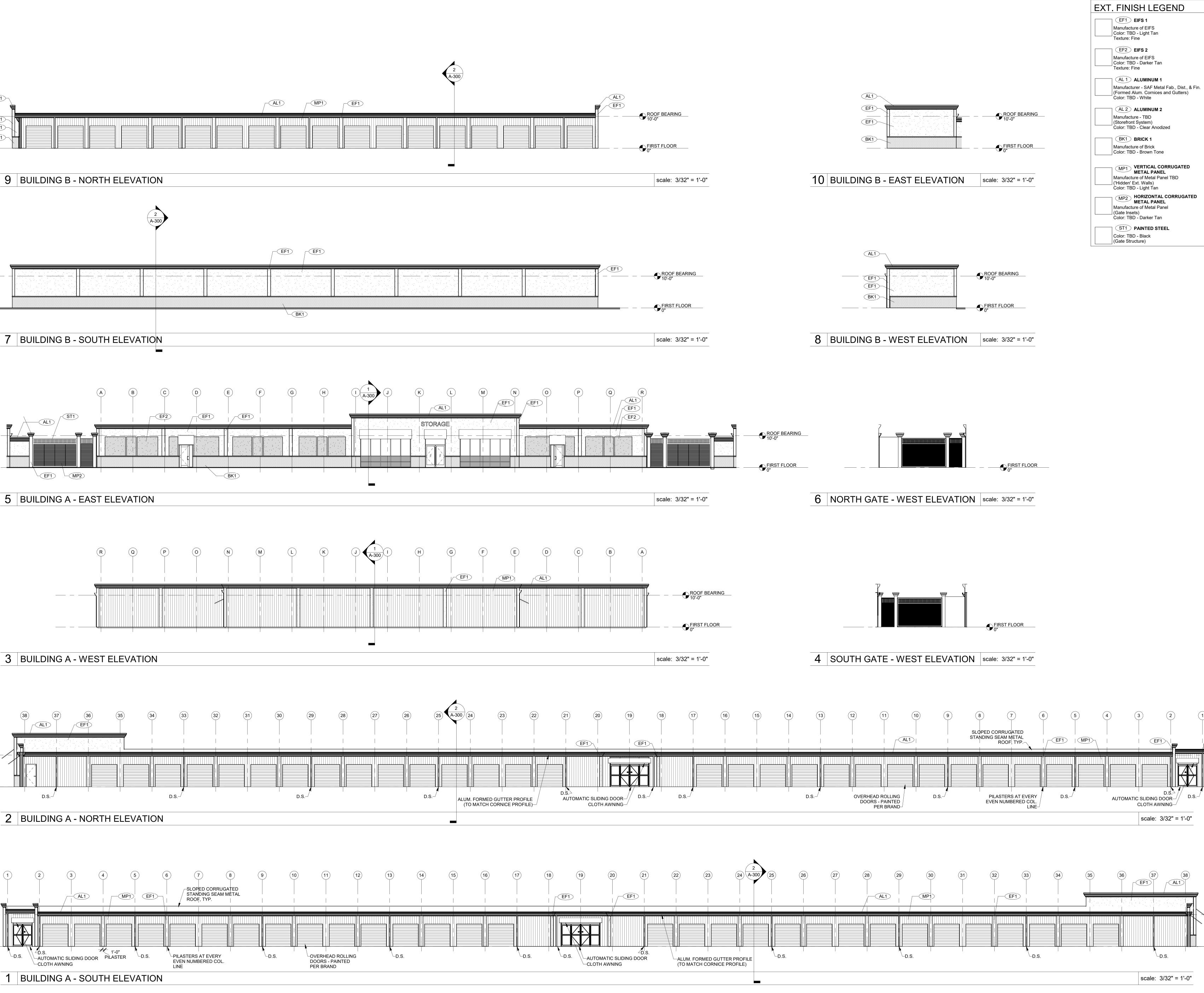


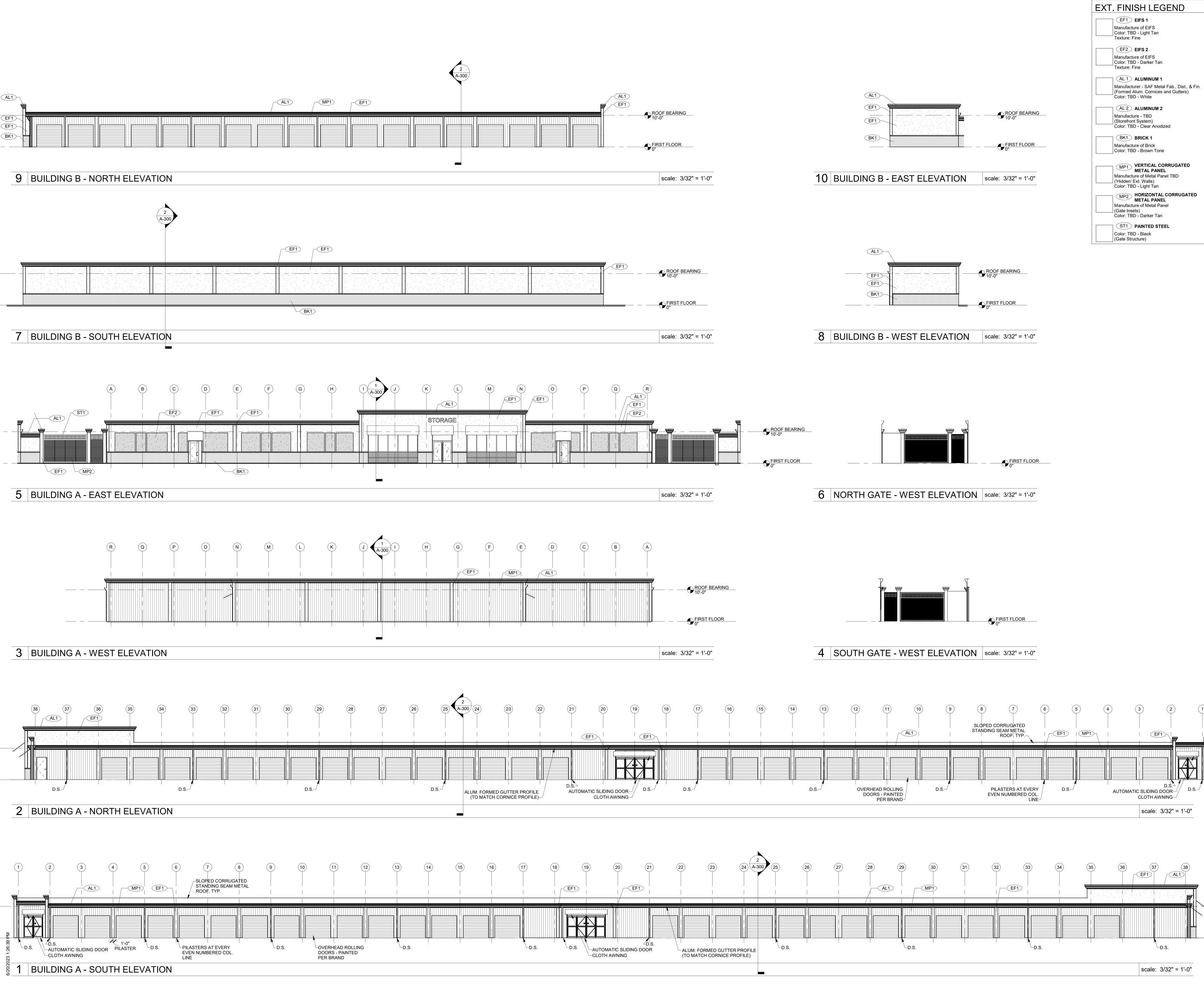














Rolesville Storage

Wake County, NC ODA Project No. 223686

DESIGN DEVELOPEMENT

6/16/2023

REVISIONS

Date

Description

AL1

BUILDING **ELEVATIONS -**BUILDINGS A AND B



3 1:26:40 PM	
1 BUILD	ING C - SOUTH ELEVATION

3 BUILDING C - NORTH ELEVATION



5 BUILDING D - WEST ELEVATION

7 BUILDING D - EAST ELEVATION

BK1

FIRST FLOOR

ROOF BEARING 10'-0"

				scale: 3/32" = 1'-0"
AL1	EF1 E	F1		

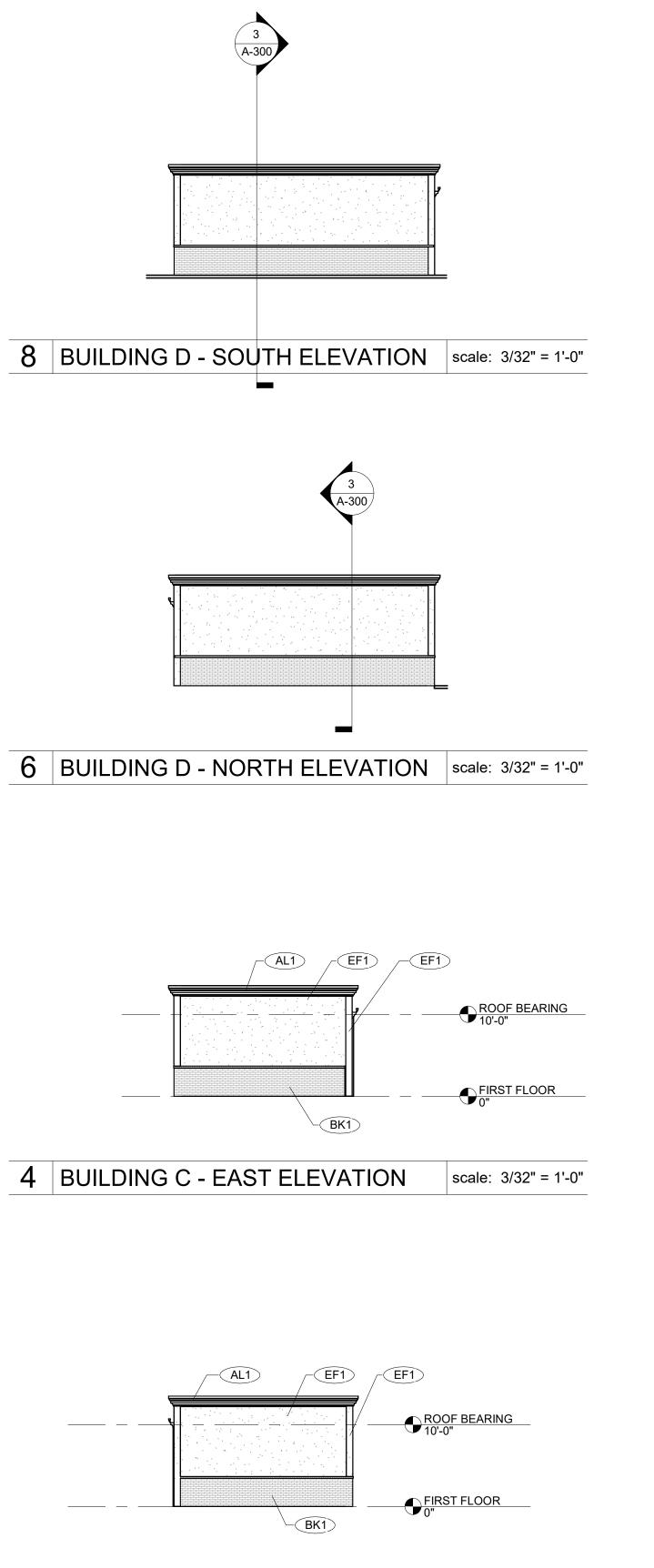
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	X																	
>	BK1																	
			= 1'-0"	3/32" :	scale:													

AL1 (EF1)

EF1

scale: 3/32" = 1'-0"

EXT. FINISH LEGEND
EF1 EIFS 1 Manufacture of EIFS Color: TBD - Light Tan Texture: Fine
EF2 EIFS 2 Manufacture of EIFS Color: TBD - Darker Tan Texture: Fine
Manufacturer - SAF Metal Fab., Dist., & Fin. (Formed Alum. Cornices and Gutters) Color: TBD - White
Manufacture - TBD (Storefront System) Color: TBD - Clear Anodized
Manufacture of Brick Color: TBD - Brown Tone
MP1 VERTICAL CORRUGATED METAL PANEL Manufacture of Metal Panel TBD ('Hidden' Ext. Walls) Color: TBD - Light Tan
MP2 HORIZONTAL CORRUGATED METAL PANEL Manufacture of Metal Panel (Gate Insets) Color: TBD - Darker Tan
ST1 PAINTED STEEL Color: TBD - Black (Gate Structure)



2 BUILDING C - WEST ELEVATION scale: 3/32" = 1'-0"



CONSULTANT:

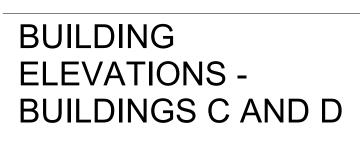
Rolesville Storage

Wake County, NC ODA Project No. 223686

DESIGN DEVELOPEMENT

6/16/2023

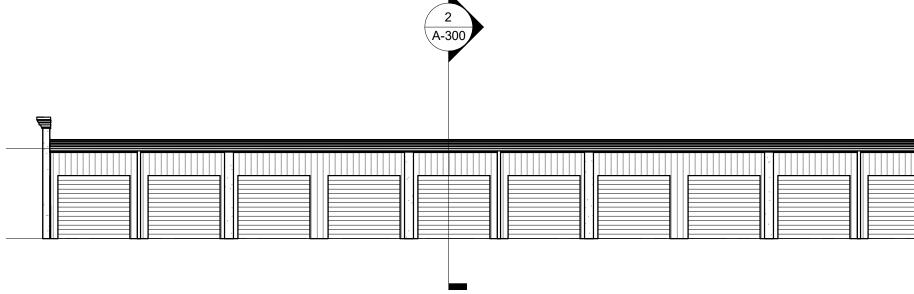
	REVISIONS							
No.	Description	Date						



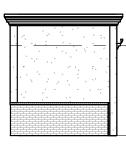


7 BUILDING F - SOUTH ELEVATION	scale: 3/32" = 1'-0"
2 A-300	
5 BUILDING F - NORTH ELEVATION	scale: 3/32" = 1'-0"
	<u>ROOF BEARING</u>
3 BUILDING E - SOUTH ELEVATION	scale: 3/32" = 1'-0"
	FIRST FLOOR
1 BUILDING E - NORTH ELEVATION	scale: 3/32" = 1'-0"

7 BUILDING F - SOUTH ELEVATION	scale: 3/32" = 1'-0"
2 A-300	
5 BUILDING F - NORTH ELEVATION	scale: 3/32" = 1'-0"
3 BUILDING E - SOUTH ELEVATION	scale: 3/32" = 1'-0"
	ROOF BEARING 10'-0"
	FIRST FLOOR
1 BUILDING E - NORTH ELEVATION	scale: 3/32" = 1'-0"



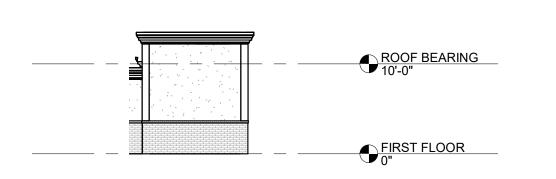
EXT. FINISH LEGEND
EF1 EIFS 1 Manufacture of EIFS
Color: TBD - Light Tan Texture: Fine
EF2 EIFS 2
Manufacture of EIFS Color: TBD - Darker Tan Texture: Fine
Manufacturer - SAF Metal Fab., Dist., & Fin. (Formed Alum. Cornices and Gutters) Color: TBD - White
AL 2 ALUMINUM 2
Manufacture - TBD (Storefront System) Color: TBD - Clear Anodized
Manufacture of Brick Color: TBD - Brown Tone
MP1 VERTICAL CORRUGATED METAL PANEL
Manufacture of Metal Panel TBD ('Hidden' Ext. Walls)
Color: TBD - Light Tan
MP2 HORIZONTAL CORRUGATED METAL PANEL Manufacture of Metal Panel
(Gate Insets) Color: TBD - Darker Tan
ST1 PAINTED STEEL
Color: TBD - Black (Gate Structure)



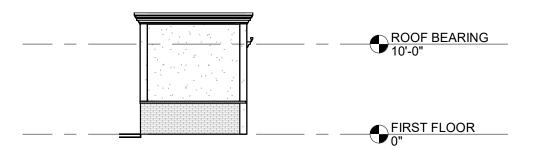
ROOF BEARING

FIRST FLOOR

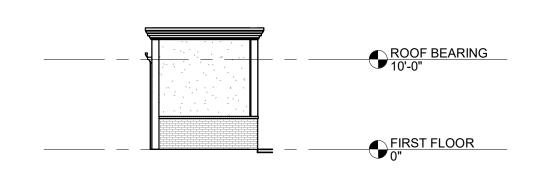
8 BUILDING F - WEST ELEVATION scale: 3/32" = 1'-0"













CONSULTANT:

Rolesville Storage

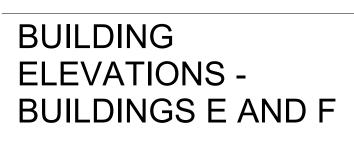
Wake County, NC

ODA Project No. 223686

DESIGN DEVELOPEMENT

6/16/2023

REVISIONS								
No.	Description	Date						



Schedul	e								
Symbol	Label	In	age	QTY	Manu	facturer		Catalog	Description
	OA		1	3	Lithonia Lighting			DSX1 LED P4 40K 70CRI TFTM HS	D-Series Size 1 Area Lu Performance Package 4 Forward Throw Housesi
				23	Lithor	iia Lighting		WDGE3 LED P1 70CRI R4 40K	WDGE3 LED WITH P1 - PACKAGE, 4000K, 70CF
	OB								
Statistic	s								
Descriptio	n	Symbol	Avg	Max	Min	Max/Min	Avg/Mi	n	
Perimeter D	riveway	+	4.7 fc	15.4 fc	0.6 fc	25.7:1	7.8:1		
Property Lin	e	+	0.0 fc	0.1 fc	0.0 fc	N/A	N/A		
Front Parkin	g	+	2.8 fc	6.3 fc	0.2 fc	31.5:1	14.0:1		



