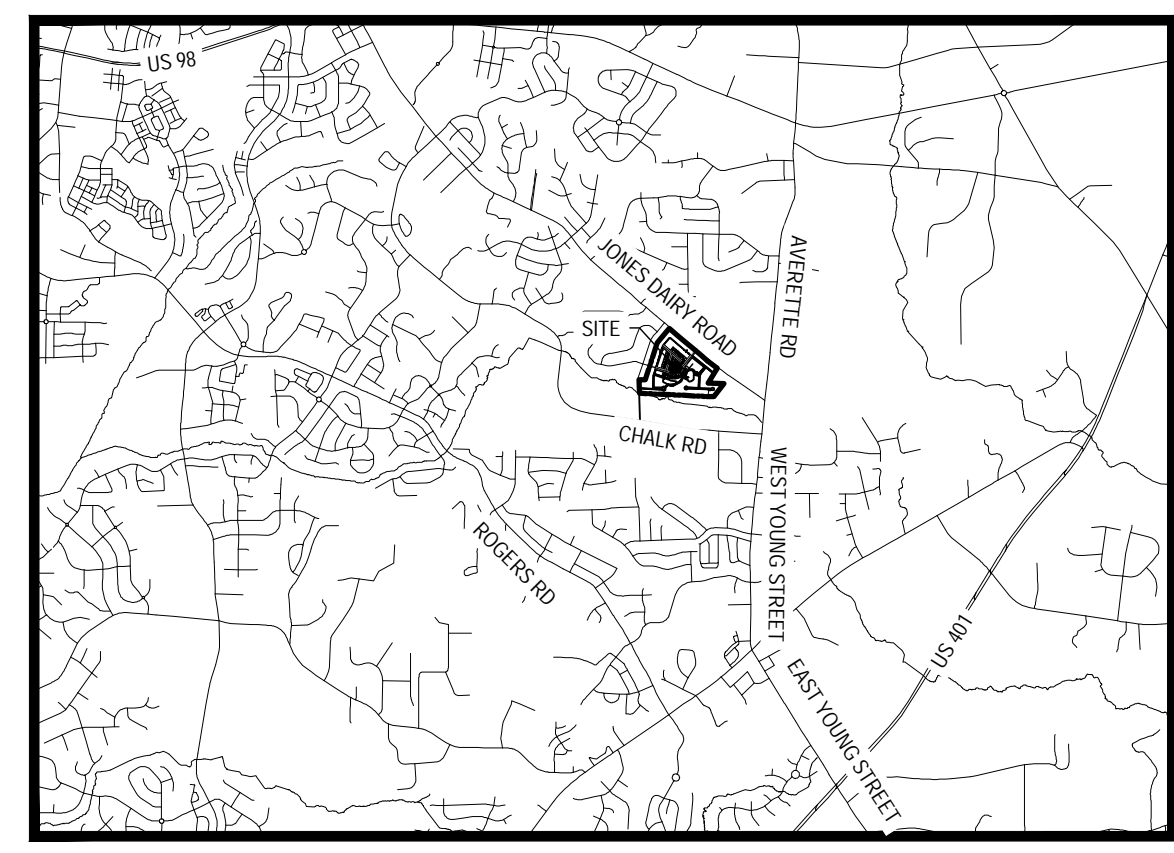


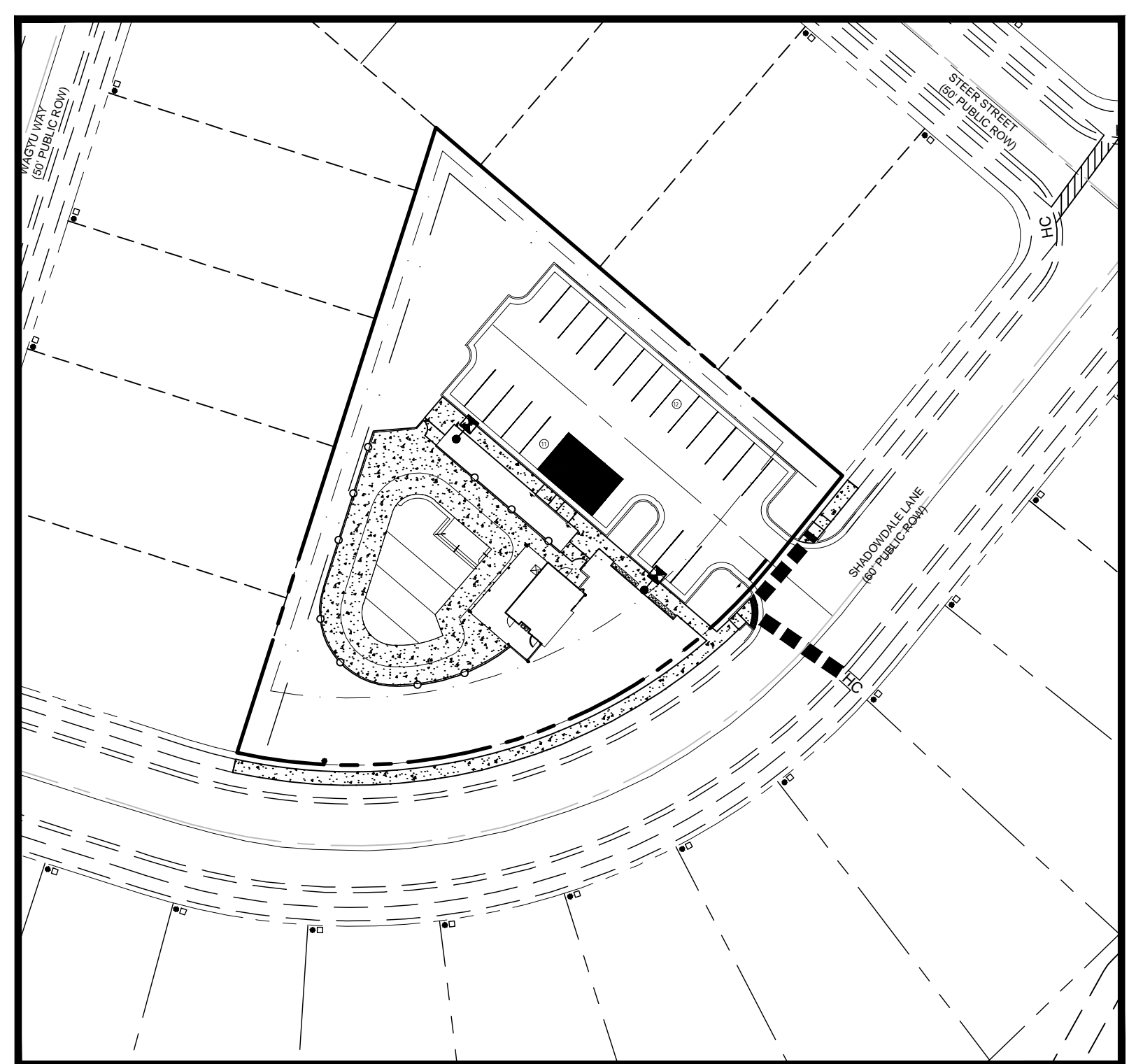
PRESERVE AT JONES DAIRY SOUTH



VICINITY MAP
SCALE: NTS

AMENITY CENTER
 APPROVED SUBDIVISION SITE PLAN : SP 22-05
 APPROVED SUBDIVISION STORM PERMIT : SWF-044559-2020
 TOWN COMMENTS SUBMITTAL 1: 10.02.23
 WAKE COUNTY EROSION CONTROL SUBMITTAL 1: 1.19.24
 WAKE COUNTY EROSION CONTROL SUBMITTAL 2: 3.14.24
 WAKE COUNTY EROSION CONTROL SUBMITTAL 3: 4.2.24
 140 SHADOWDALE LANE
 ROLESVILLE, NC 27571
 WAKE COUNTY

OWNER	KB HOMES CAROLINAS
SITE ADDRESS	140 SHADOWDALE LANE ROLESVILLE, NC 27571
PIN	1759-88-6764
DB / PG	18362 / 1235
EXISTING USE	VACANT
PROPOSED USE	AMENITY
ZONING	R3
WATERSHED	NEUSE
WATERSHED WATER SUPPLY	UPPER NEUSE
RIVER BASIN	AUSTIN CREEK
FEMA MAP	MAP#3720179000K 7.19.22
GROSS TRACT AREA	0.67 AC



PROJECT PLAN
SCALE: 1" = 50'

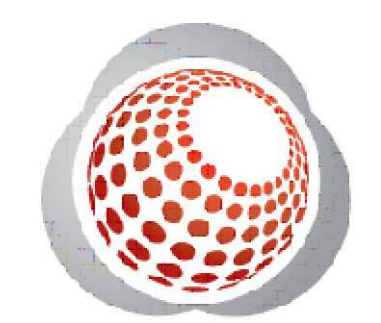
Sheet Number	Sheet Title
C000	COVER SHEET
C100	EXISTING CONDITIONS
C200	SITE AND UTILITY PLAN
C500	GRADING AND STORM DRAINAGE PLAN
C700	EROSION CONTROL PLAN - PHASE 1
C701	EROSION CONTROL PLAN - PHASE 2
C950	POOLHOUSE DETAILS
C951	NCG01 REQUIREMENTS
C952	STANDARD DETAILS
C953	STANDARD DETAILS
C954	STANDARD DETAILS
L100	LANDSCAPE PLAN
L101	LANDSCAPE SCHEDULE NOTES
L102	LANDSCAPE DETAILS
23-0415A	DUKE LIGHTING PLAN

THESE PLANS HAVE BEEN PREPARED USING THE BEST INFORMATION AVAILABLE FROM FIELD SURVEYS PERFORMED BY OTHERS, SITE OBSERVATIONS, AND OTHER AVAILABLE INFORMATION. EXISTING UNDERGROUND FACILITIES AND SUBSURFACE CONDITIONS INDICATED ON THESE DRAWINGS IS LIMITED TO AND IS ONLY AS ACCURATE AS THE INFORMATION PRESENTED TO US BY FIELD SURVEYS PERFORMED BY OTHERS, AND THE ENGINEER MAKES NO WARRANTY TO ANY PART REGARDING THE PRESENCE OR ABSENCE OF UNDERGROUND FEATURES WHETHER SHOWN ON THESE PLANS OR NOT. THE EXISTING UTILITY LINE LOCATIONS SHOWN SHOULD BE CONSIDERED APPROXIMATE, AND ACTUAL UTILITIES AND CONDITIONS MAY DIFFER FROM THOSE INDICATED. SURFACE OR BURIED ROCK, UNSUITABLE MATERIAL, OR OTHER SOIL CONDITIONS MAY BE ENCOUNTERED DURING CONSTRUCTION. GENERALLY, THESE CONDITIONS ARE NOT NOTED ON THESE PLANS. IT SHOULD BE EXPECTED BY THE OWNER AND CONTRACTOR THAT UNFORSEEN CONDITIONS MAY OR WILL ARISE DURING CONSTRUCTION THAT MAY REQUIRE MODIFICATION OF THESE DESIGN PLANS BY THE ENGINEER. SHOULD UNFORSEEN CONDITIONS BE ENCOUNTERED DURING CONSTRUCTION, IT IS THE RESPONSIBILITY OF THE OWNER AND CONTRACTOR TO NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF THE NATURE AND EXTENT OF SUCH CONDITIONS SO THAT TIMELY AND APPROPRIATE MEASURES CAN BE TAKEN TO REVISE THESE PLANS AS NECESSARY TO ACCOMMODATE CONDITIONS ENCOUNTERED IN THE FIELD.

OWNER:
 KB HOMES CAROLINA
 4506 SOUTH MIAMI BLVD
 DURHAM, NC 27703
 P: 919.768.7977

DEVELOPER:
 KB HOMES CAROLINAS
 CONTACT: ROMAN ACOSTA
 4506 SOUTH MIAMI BLVD
 DURHAM, NC 27703
 P: 919.768.7977

ENGINEER:
 BATEMAN CIVIL SURVEY COMPANY
 DOUGLAS COOPER, PE
 2524 RELIANCE AVE.
 APEX, NC 27539



Bateman Civil Survey Company
 Engineers • Surveyors • Planners
 2524 Reliance Avenue, Apex, North Carolina 27539
 Phone: 919.577.1080 Fax: 919.577.1081
 NCBELS FIRM No. C-2378



SP 22-05 / Site Plan /
 Preserve at Jones Dairy (South) Amenity Center
APPROVED
 Date: May 3, 2024

 Town of Rolesville Planning Department

CITY OF RALEIGH - PLANS AUTHORIZED FOR CONSTRUCTION
 Electronic Approval: This approval is being issued electronically. This approval is valid only upon the signature of a City of Raleigh Review Official below. The City will retain a copy of the approved plan. Any work submitted by the applicant must proceed in accordance with the plan set on file with the City. This electronic approval may not be added once issued. Any modification to this approval once issued will invalidate the approval.
 City of Raleigh Development Approval
 Raleigh Waste Review Officer

EROSION AND SEDIMENT CONTROL

APPROVED PLAN
 DATE _____
 PERMIT NO. SEC- _____
 Wake County Environmental Services
 Sedimentation & Erosion Control
 919-856-7400

ENVIRONMENTAL CONSULTANT SIGNATURE _____



**KNOW WHAT IS BELOW
 CALL BEFORE YOU DIG**

REV #	DATE	DESCRIPTION
1	08.07.23	ROLESVILLE 2ND REVIEW COMMENTS (CAA)
2	10.02.23	ROLESVILLE 3RD REVIEW COMMENTS (BCSC)
3	12.01.23	ROLESVILLE 1ST REVIEW COMMENTS (BCSC)
4	01.18.24	WAKE COUNTY EC SUBMITTAL (BCSC)
5	03.14.24	WAKE COUNTY EC SUBMITTAL 2 (BCSC)

Date:	10.02.23
Project #:	P230462
SHEET	C000



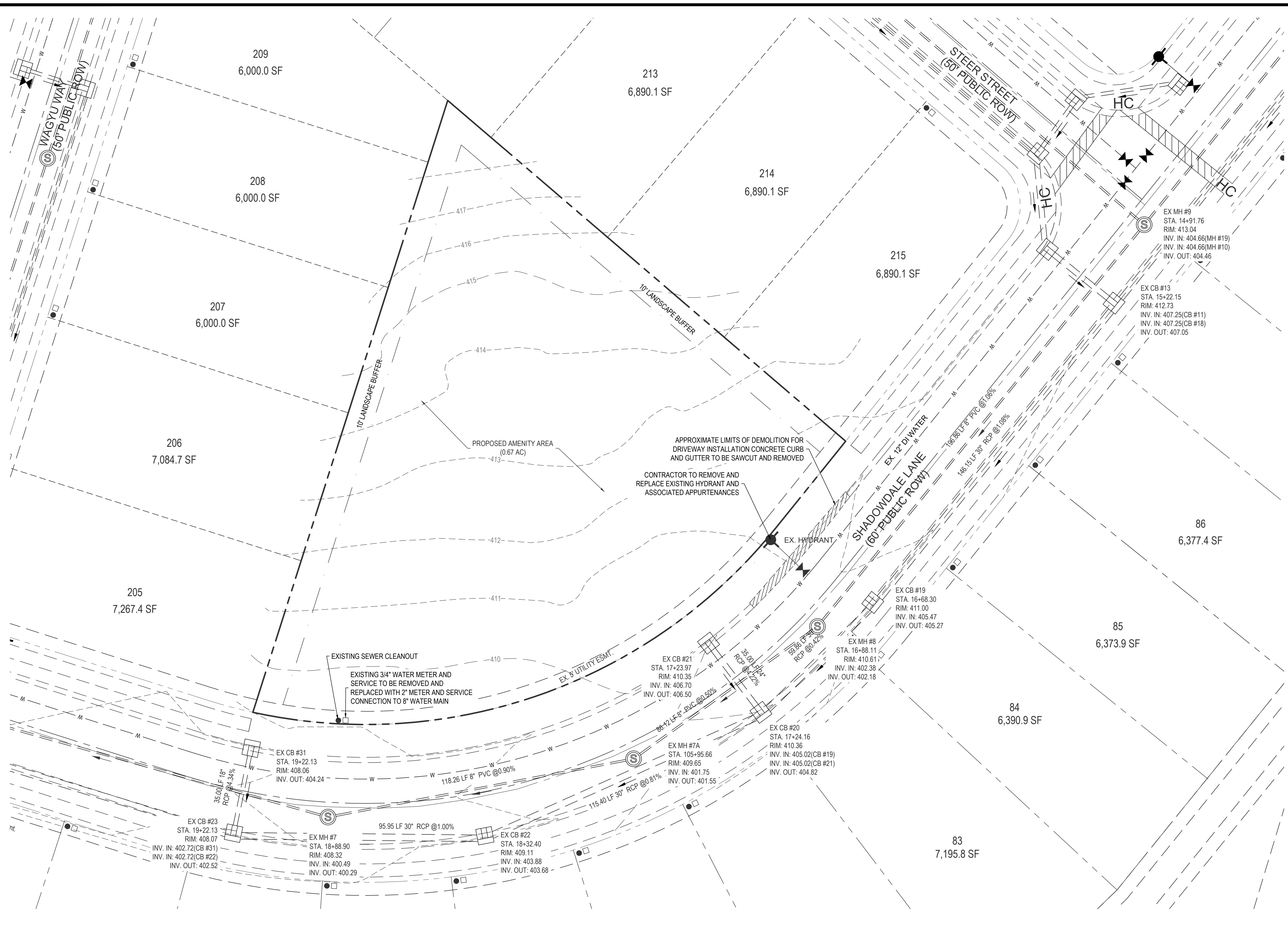
Bateman Civil Survey Company
Engineers • Surveyors • Planners
2524 Raliance Avenue, Apex, North Carolina 27539
Phone: 919.577.1080 Fax: 919.577.1081
NCBELS FRM No. C-2376



**PRESERVE AT JONES DAIRY
AMENITY SITE**
ROLESVILLE, NC 27571
WAKE COUNTY

EXISTING CONDITIONS

Design By: **JMW**
Date: **10.02.23**
Project #: **P230462**
SHEET
C100



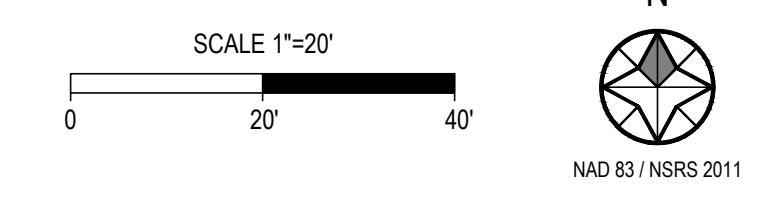
LEGEND:

- DEMOLITION
- DEMOLITION TREES
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING ELECTRIC POLE
- EXISTING FENCE
- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- EXISTING POND
- EXISTING PROPERTY CORNER
- EXISTING RIPARIAN BUFFER
- EXISTING RIGHT-OF-WAY
- EXISTING STREAM
- EXISTING STRUCTURES
- EXISTING TREE LINE
- EXISTING TREES
- EXISTING WETLAND
- IRON PIPE SET

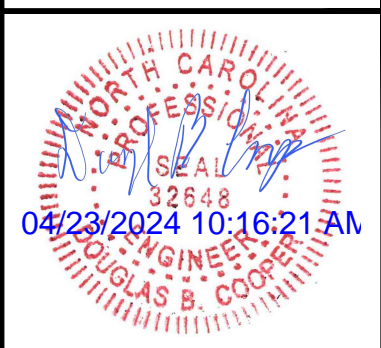
- DEMOLITION NOTES:**
- ALL UTILITIES OR STRUCTURES NOT INDICATED FOR REMOVAL OR MODIFICATION ARE TO REMAIN AND BE PROTECTED FROM DAMAGE.
 - ALL WASTE MATERIAL GENERATED FROM CLEARING AND DEMOLITION ACTIVITIES SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
 - REMOVE TOPSOIL AND STOCKPILE APPROPRIATELY ON-SITE. TEMPORARY STOCKPILES SHALL BE LOCATED WITHIN THE CONSTRUCTION LIMITS.
 - ALL PAVEMENT OR CONCRETE TO BE REMOVED SHALL BE SAW CUT TO PROVIDE A STRAIGHT AND UNIFORM JOINT WITH NEW CONSTRUCTION. ANY EXISTING PAVEMENT, SIDEWALK, CURB & GUTTER, ETC. THAT MUST BE REMOVED TO ALLOW NEW CONSTRUCTION SHALL BE REMOVED AND REPAIRED PER SPECIFICATIONS AND DETAILS OR TO MATCH EXISTING CONDITIONS (WHETHER OR NOT SHOWN ON THE DRAWINGS TO BE REMOVED). UTILITY INSTALLATIONS MAY UTILIZE OPEN CUT OF PAVEMENTS UNLESS INDICATED OTHERWISE. TRENCH IN EXISTING ASPHALT SHALL BE PATCHED PER PAVEMENT REPAIR DETAIL.
 - PROTECT ALL ADJACENT PROPERTIES, THE GENERAL PUBLIC AND ALL OF THE OWNER'S FACILITIES. SHOULD DAMAGE OCCUR, NOTIFY THE ENGINEER IMMEDIATELY.
 - THE CONTRACTOR SHALL EMPLOY A QUALIFIED UTILITY LOCATOR SERVICE TO LOCATE ALL UNDERGROUND UTILITIES (INCLUDING, BUT NOT LIMITED TO ELECTRICAL, TELEPHONE, GAS, CABLE AND FIBER OPTIC) WITHIN THE LIMITS OF CONSTRUCTION.
 - VERIFY ALL ILLUSTRATED KNOWN UNDERGROUND ELEMENTS. EXERCISE REASONABLE EFFORTS TO PROTECT ANY UNKNOWN UNDERGROUND ELEMENTS. NOTIFY THE ENGINEER IMMEDIATELY IF UNKNOWN ELEMENTS ARE DISCOVERED THAT WOULD NECESSITATE MODIFICATION TO THE PROPOSED DESIGN.
 - ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND OSHA REGULATIONS.
 - EXISTING MANHOLES, VALVE BOXES, VAULTS, CLEANOUTS, UTILITY POLES, ETC. TO REMAIN WITHIN THE GRADING LIMITS SHALL BE ADJUSTED AS NEEDED TO FUNCTION PROPERLY WITH THE PROPOSED FINISHED GRADES (WHETHER INDICATED OR NOT TO BE MODIFIED).
 - GENERAL CONTRACTOR TO COORDINATE ALL PEDESTRIAN ACCESS PATHS, LOCATIONS, LIGHTING, ETC. WITH OWNER.
 - CONTRACTOR SHALL INSPECT ALL EXISTING SIDEWALK AND SHALL REPLACE OR REPAIR ANY BROKEN OR DAMAGED SECTIONS.
 - CONTRACTOR SHALL COMPLY WITH HARNETT COUNTY CONSTRUCTION STANDARDS AND SPECS.
- SITE NOTES:**
- PROPERTY BOUNDARY AND EXISTING CONDITIONS INFORMATION TAKEN FROM A FIELD SURVEY BY CAWTHORNE, MOSS AND PANCIERA, ENTITLED "SURVEY FOR JVC", DATED APRIL, 2018.
 - WETLANDS AND STREAMS HAVE RECEIVED PRELIMINARY JURISDICTION DELINEATION FROM NC DIVISION OF WATER RESOURCES.
 - NO FLOOD HAZARD AREAS WITHIN PROJECT BOUNDARY PER FEMA MAP 37201755900J, DATED MAY 2, 2006.
 - ALL STRIPING TO BE THERMOPLASTIC.
 - ALL EXISTING ELEVATIONS, FEATURES, AND UTILITIES TO BE FIELD VERIFIED.
 - SURVEY INFORMATION BY OTHERS. ENGINEER HAS NOT VERIFIED THE ACCURACY OF COMPLETENESS OF THE INFORMATION PROVIDED AND SHALL NOT BE RESPONSIBLE FOR ERRORS OR OMISSION THAT MAY BE INCORPORATED AS A RESULT. THIS SHALL NOT BE CONSIDERED A CERTIFIED SURVEY.

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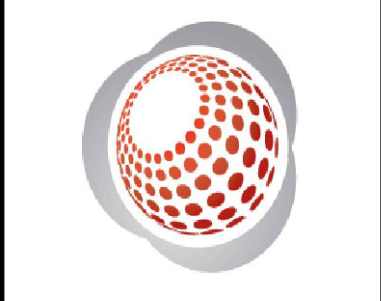
REV#	DATE	DESCRIPTION
1	08.07.23	ROLESVILLE 2ND REVIEW COMMENTS (CAA)
2	10.02.23	ROLESVILLE 3RD REVIEW COMMENTS (BCSC)
3	12.01.23	ROLESVILLE 1ST REVIEW COMMENTS (BCSC)
4	01.18.24	WAKE COUNTY EC SUBMITTAL (BCSC)
5	03.18.24	WAKE COUNTY EC SUBMITTAL 2 (BCSC)



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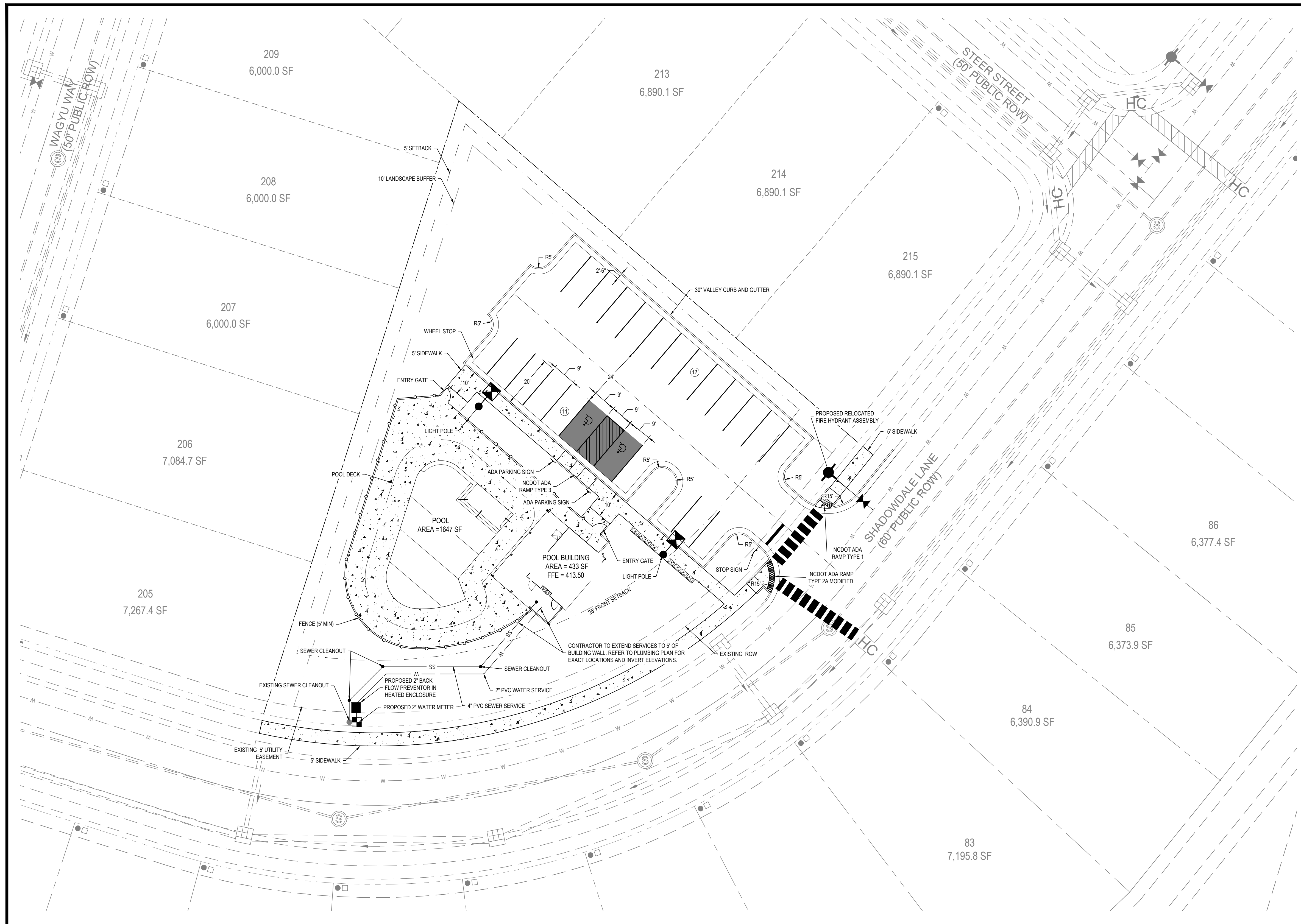
Bateman Civil Survey Company
Engineers • Surveyors • Planners
2524 Reliance Avenue, Apex, North Carolina 27539
Phone: 919.577.1080 Fax: 919.577.1081
NCBELS FRM No. C-2376



**PRESERVE AT JONES DAIRY
AMENITY SITE**
ROLESVILLE, NC 27571
WAKE COUNTY

SITE AND UTILITY PLAN

Design By: **JMW**
Date: **10.02.23**
Project #: **P230462**
SHEET
C200

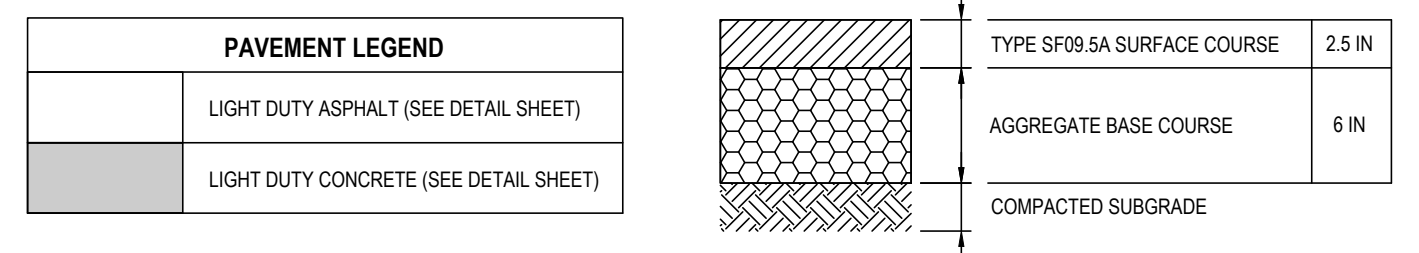


- SITE NOTES**
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 - NO FLOOD HAZARD AREAS WITHIN PROJECT BOUNDARY PER FEMA MAP 3720175900J, DATED MAY 2, 2006.
 - ALL STRIPING TO BE THERMOPLASTIC.
 - ALL EXISTING ELEVATIONS, FEATURES, AND UTILITIES TO BE FIELD VERIFIED.

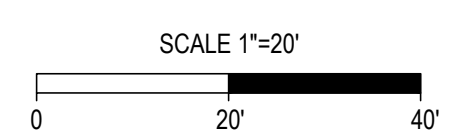
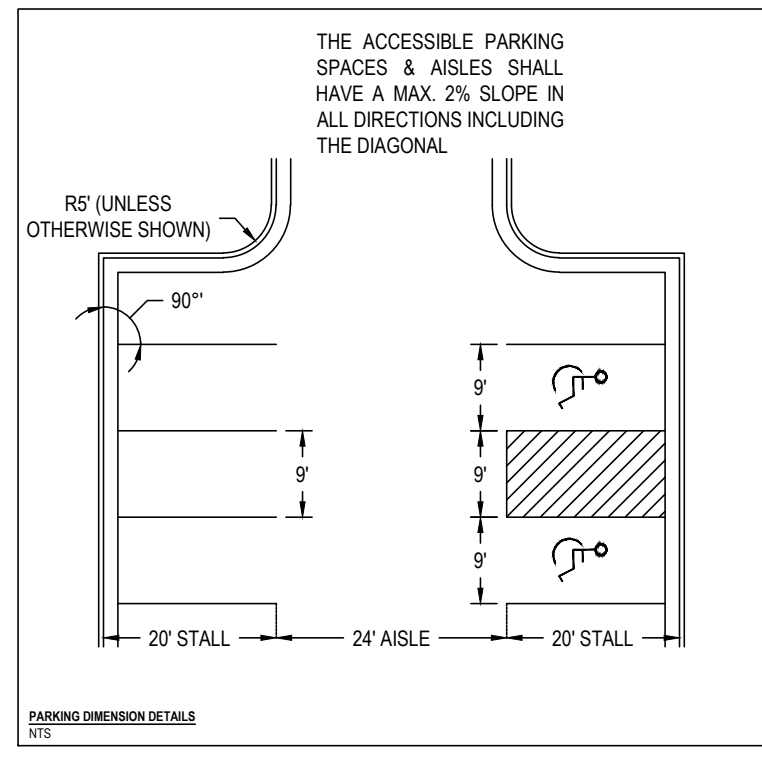
- TRAFFIC CONTROL NOTES**
- ALL SITE SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND NCDOT STANDARDS.
- | SIGN | MUTCD STANDARD | SIZE |
|----------------|----------------|---------------|
| STOP SIGN | R1-1 | 30-IN X 30-IN |
| VAN ACCESSIBLE | R7-8A | 12-IN X 6-IN |
- ALL SIGNS SHALL BE MOUNTED WITH A 5-FT MINIMUM VERTICAL CLEARANCE TO THE BOTTOM OF THE SIGN ON 2-LB GALVANIZED STEEL U-CHANNEL POST SET IN 18-IN DEEP X 8-IN DIAMETER CONCRETE FOOTING. SIGNS MOUNTED ADJACENT TO SIDEWALKS MUST BE MOUNTED WITH 7-FT MINIMUM VERTICAL CLEARANCE TO THE BOTTOM OF THE SIGN.
 - ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE MUTCD AND NCDOT STANDARDS AND PROJECT SPECIFICATIONS.
- | MARKINGS | NCDOT STANDARD | SIZE | COLOR |
|------------------------|----------------|-------|--------|
| PARKING SPACE | 1205.01 | 4-IN | WHITE |
| NO PARKING - FIRE LANE | 1205.01 | 4-IN | YELLOW |
| STOPBAR | 1205.01 | 24-IN | WHITE |
| CROSSWALK | 1205.07 | 8-IN | WHITE |
- *NO PARKING - FIRE LANE MARKINGS SHALL CONSIST OF A 4-IN SOLID YELLOW STRIPE AND 8-IN HIGH YELLOW TEXT "NO PARKING - FIRE LANE" AT 40' INTERVALS. STRIPPING SHALL BE PLACED AS INDICATED BY THE FOLLOWING LINE TYPE

- ALL PAVEMENT MARKINGS SHALL BE RESIN TYPE PAINT AS REQUIRED BY THE TOWN

SITE DATA	
OWNER	KB HOMES CAROLINAS
SITE ADDRESS	4506 SOUTH MIAMI BLVD DURHAM, NC 27703
PIN	1759-88-6764
EXISTING USE	VACANT
PROPOSED USE	AMENITY
ZONING	R3
WATERSHED	NUESE
WATERSHED WATER SUPPLY	UPPER NUESE
RIVER BASIN	AUSTIN CREEK
FEMA MAP	MAP#3720175900K 7.19.22
GROSS TRACT AREA	0.67 AC
BUILDING SETBACKS - AMENITY	
PRIMARY STREET	25'
SIDE STREET	5'
SIDE LOT LINE	5'
REAR LOT LINE	5'
PARKING SETBACKS - AMENITY	
PRIMARY STREET (MIN.)	25'
SIDE STREET (MIN.)	5'
SIDE LOT LINE (MIN.)	5'
REAR LOT LINE (MIN.)	5'
PARKING	
DECK AREA REQUIRED	1 SPACE / 300 SF
	1647/300 = 6 SPACES
CABANA REQUIRED	1/100SF
	1090/100 = 11
MAIL KIOSK REQUIRED	2 PER CUP
	2
TOTAL REQUIRED	19
TOTAL PROVIDED	23
ADA PARKING CALCS	1 TO 25 = 1
ADA PARKING REQUIRED	1SPACES
ADA PARKING PROVIDED	2 SPACES
IMPERVIOUS	
NET TRACT AREA	0.67 AC. (29185 SF)
EXISTING IMPERVIOUS	0 AC. (0 SF)
POLYDECK	0.08 AC (3528 SF)
SIDEWALKS	0.01 AC (380 SF)
AMENITY BUILDING	0.02 AC (960 SF)
ROADWAY B-B	0.19 AC (8157 SF)
TOTAL IMPERVIOUS	0.30 AC (13,395 SF)
IMPERVIOUS PERCENTAGE	46%



LIGHT DUTY PAVEMENT CROSS SECTION



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IMPORTANT NOTE MH AND CB TOP ELEVATION
 1. MANHOLE TOP ELEVATIONS ARE SOFTWARE GENERATED BASED ON PROPOSED ROADWAY PROFILE AND DISTANCE FROM CENTERLINE. THE ELEVATIONS SHOWN ARE RELIABLE BUT MUST BE FIELD VERIFIED DURING CONSTRUCTION STAKING PRIOR TO INSTALLATIONS
 2. CATCH BASIN TOP ELEVATIONS ARE SOFTWARE GENERATED BASED ON THE TOP OF BACK OF CURB ELEVATION. THESE ELEVATIONS ARE FOUND TO BE RELIABLE DURING REVIEW, HOWEVER SOME TOPS MAY REQUIRE ADJUSTMENTS IN THE FIELD
 3. ALL RIM ELEVATIONS MUST BE FIELD VERIFIED DURING CONSTRUCTION STAKING PROCESS PRIOR TO INSTALLATIONS

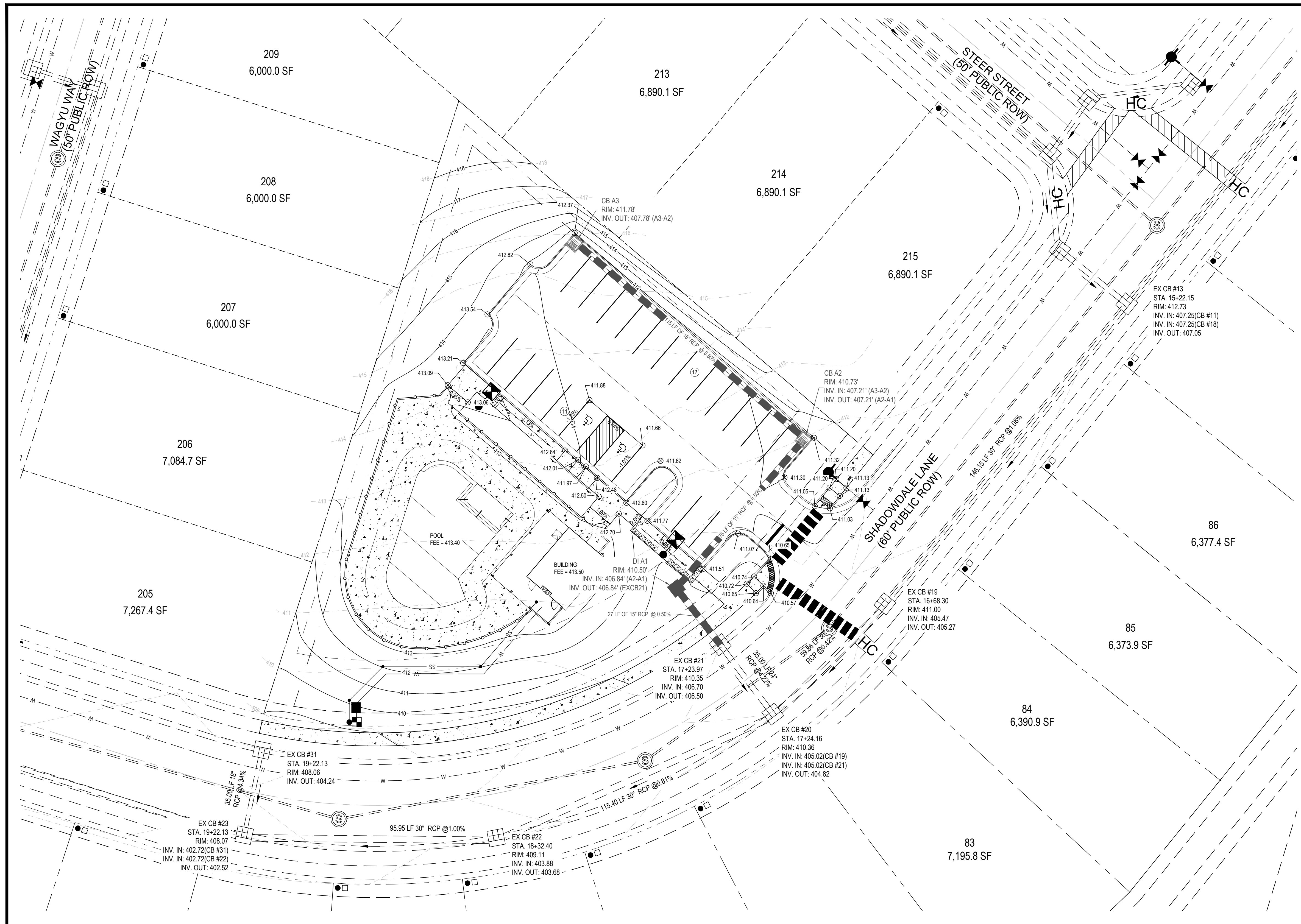
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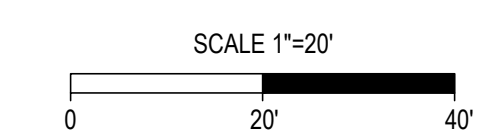
**PRESERVE AT JONES DAIRY
 AMENITY SITE**
 ROLESVILLE, NC 27571
 WAKE COUNTY

GRADING AND STORM DRAINAGE PLAN

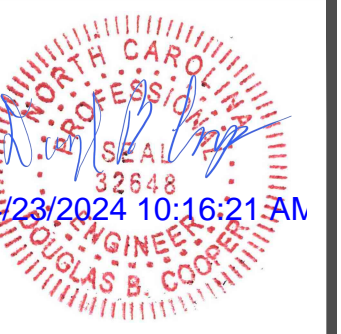
Design By: **JMW**
 Date: 10.02.23
 Project #: P230462
 SHEET
C500



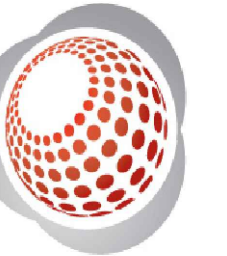
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PRESERVE AT JONES DAIRY
 AMENITY SITE

ROLESVILLE, NC 27571
 WAKE COUNTY

POOLHOUSE DETAILS

Design By: JMW
 Date: 10.02.23
 Project #: P230462

SHEET
 C950

RIGHT ELEVATION
1/4" = 1'-0"

FLOOR PLAN
3/8" = 1'-0"

DCI

D. CLUGSTON
ARCHITECTURAL FIRM

DCI

433 SF BATH, PUMP, ELEC
486 SF COVERED PORCH
BATHHOUSE PLANS

Planning Sheet

PROJECT #: 2023
 DATE ISSUED: 10/02/2023
 DRAWING BY: JMW
 CHECKED BY: JMC

TRASH 108
 PUMP ROOM 103
 ELEC. 104
 CHEM. 105
 MENS 102
 WOMENS 101
 HALL
 COVERED PORCH 100

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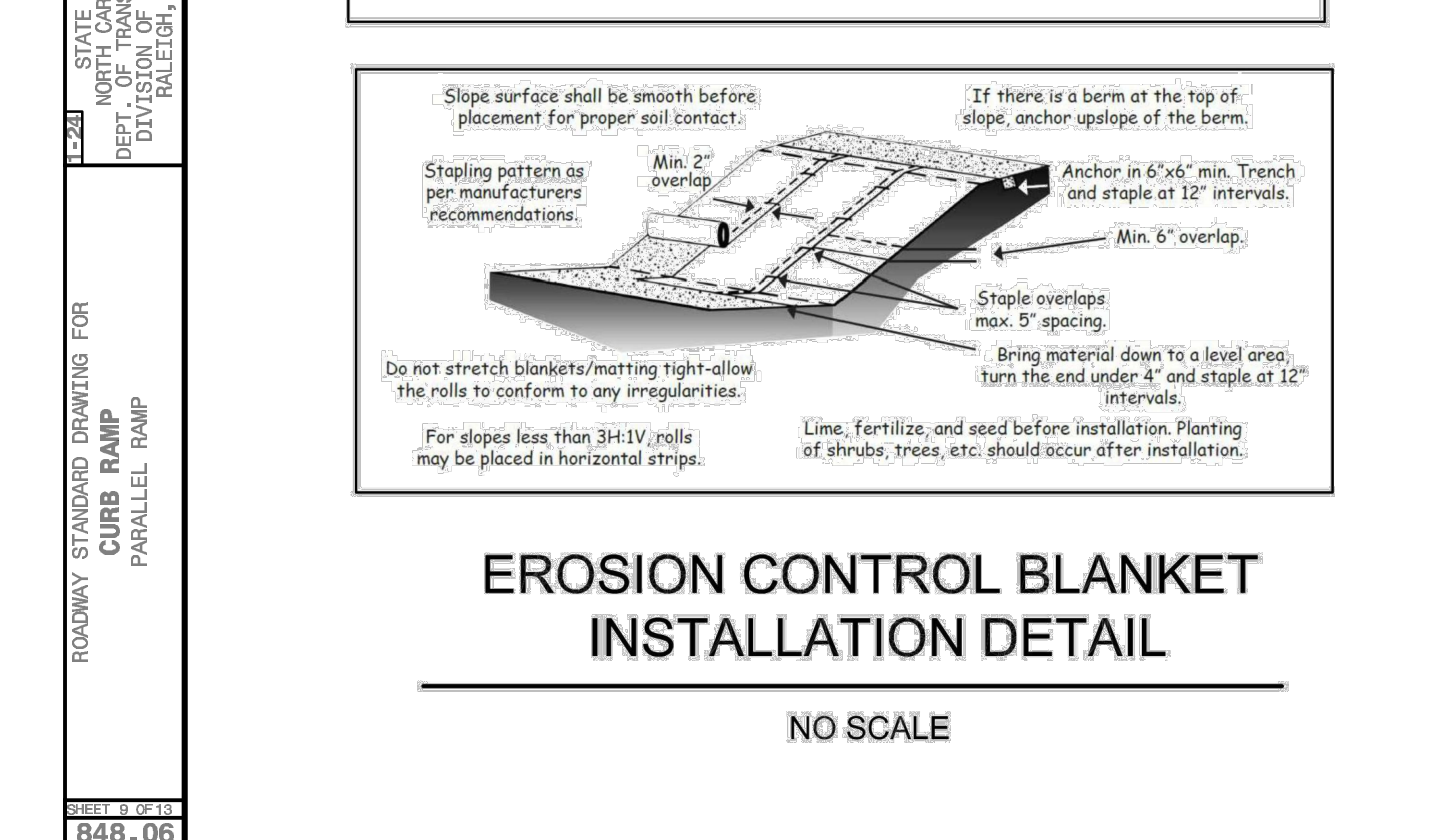
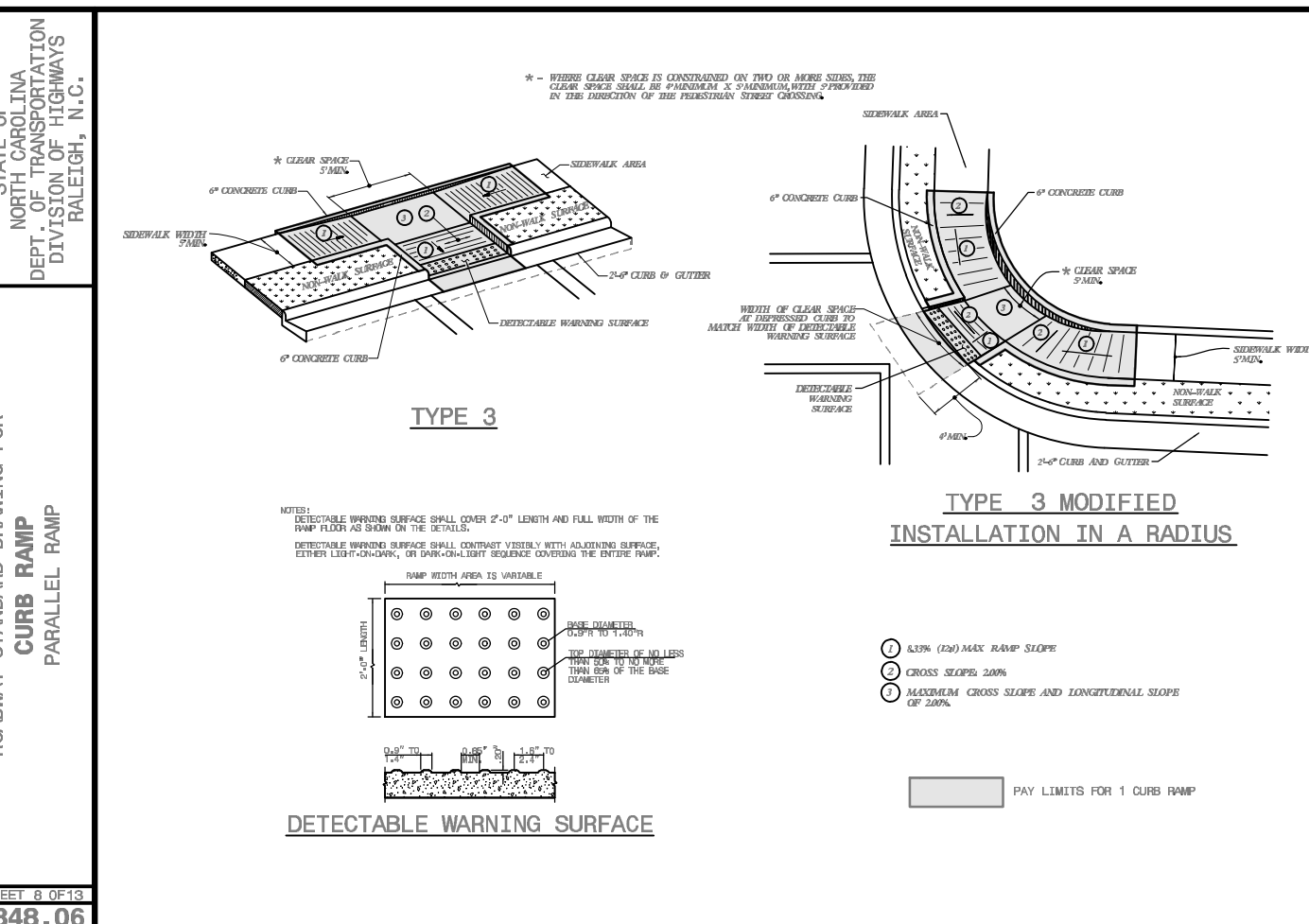
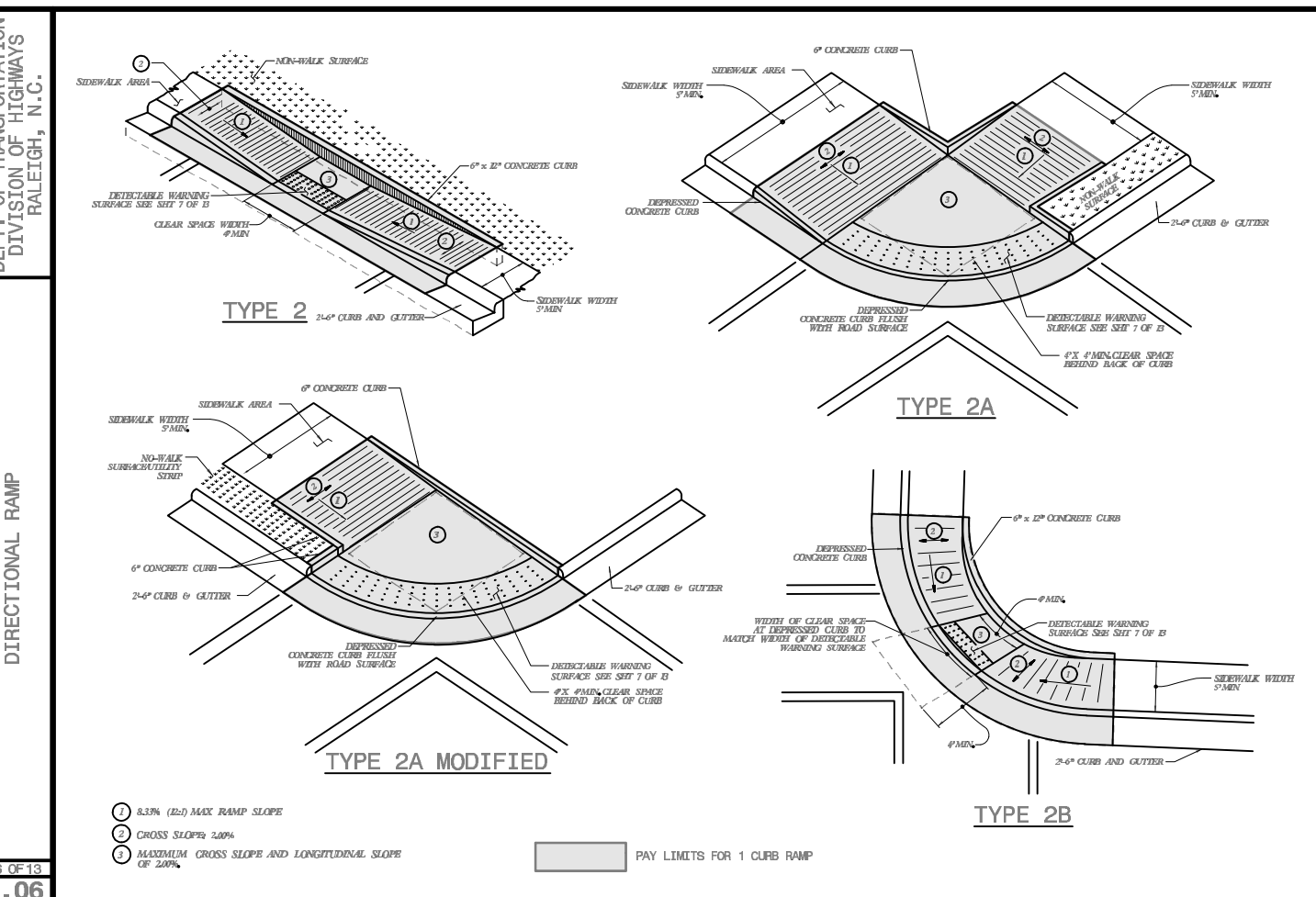
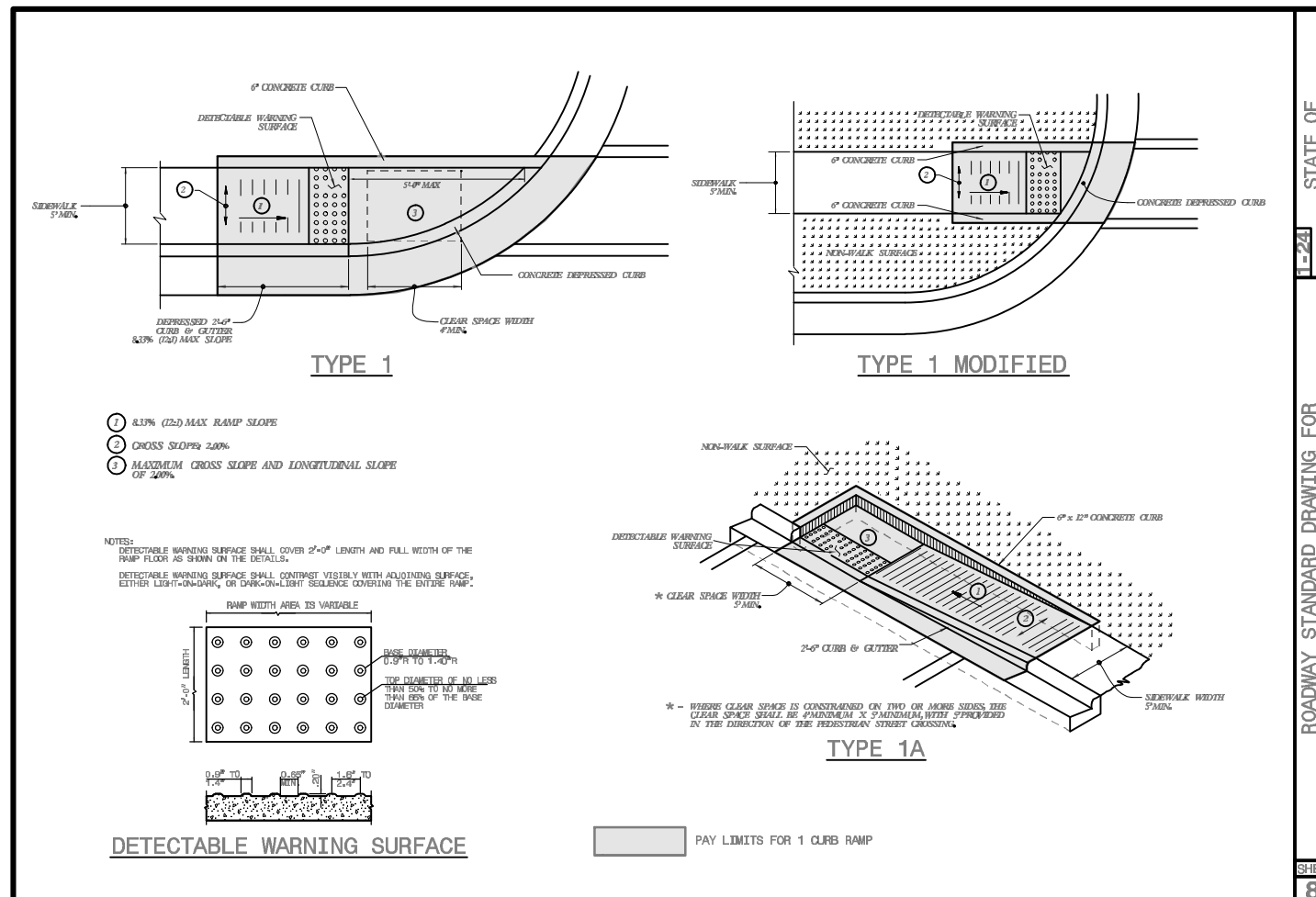
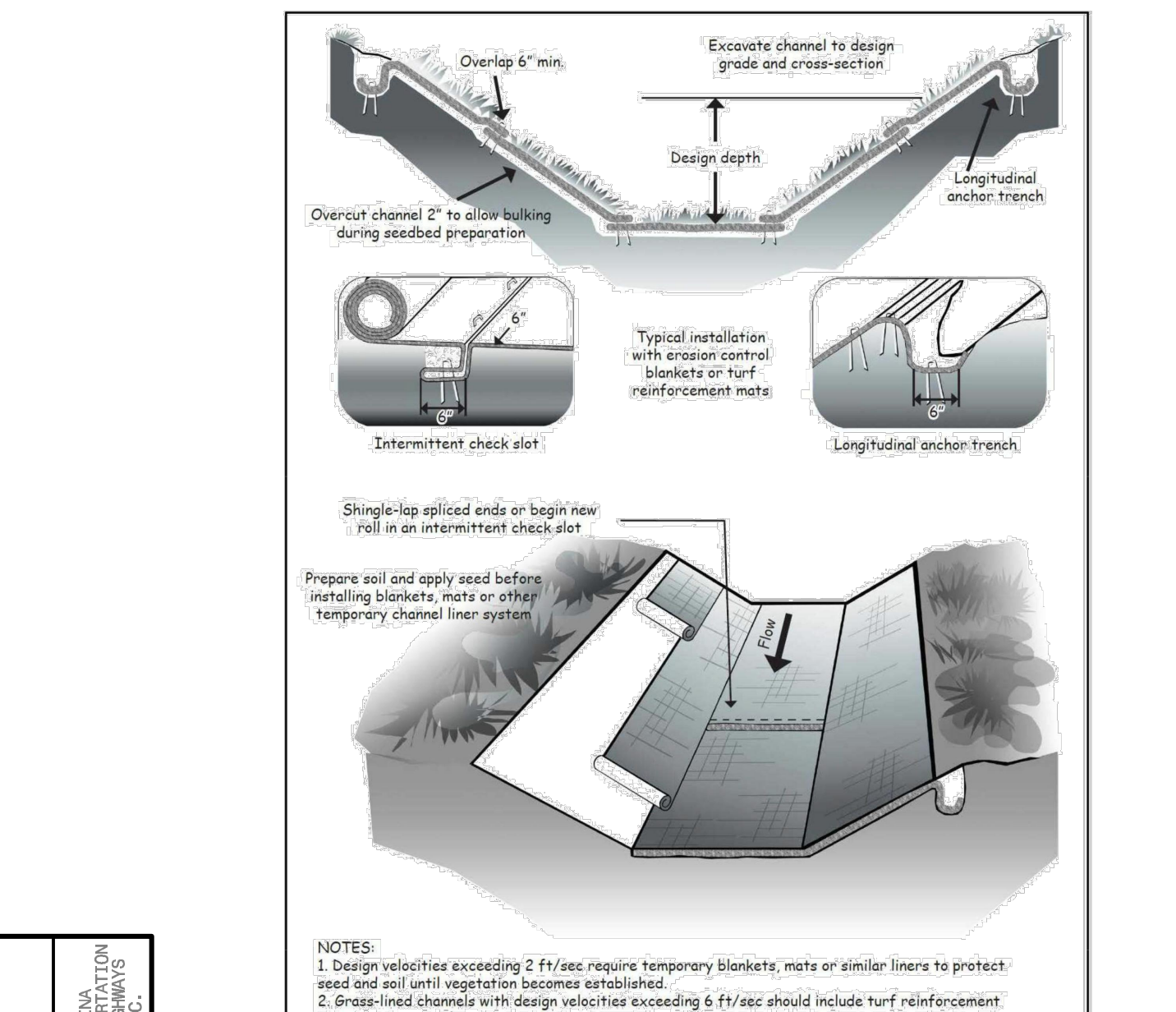
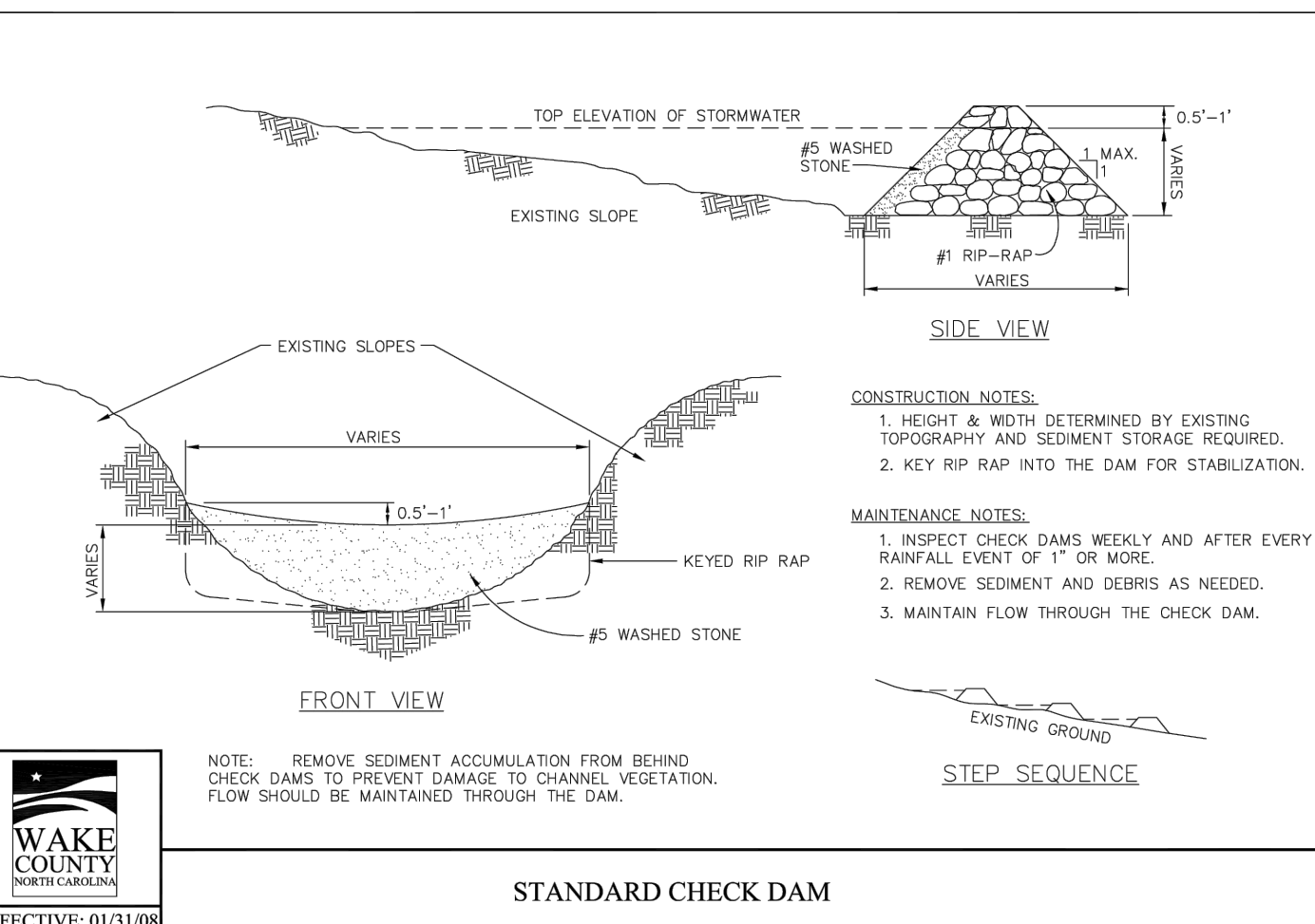
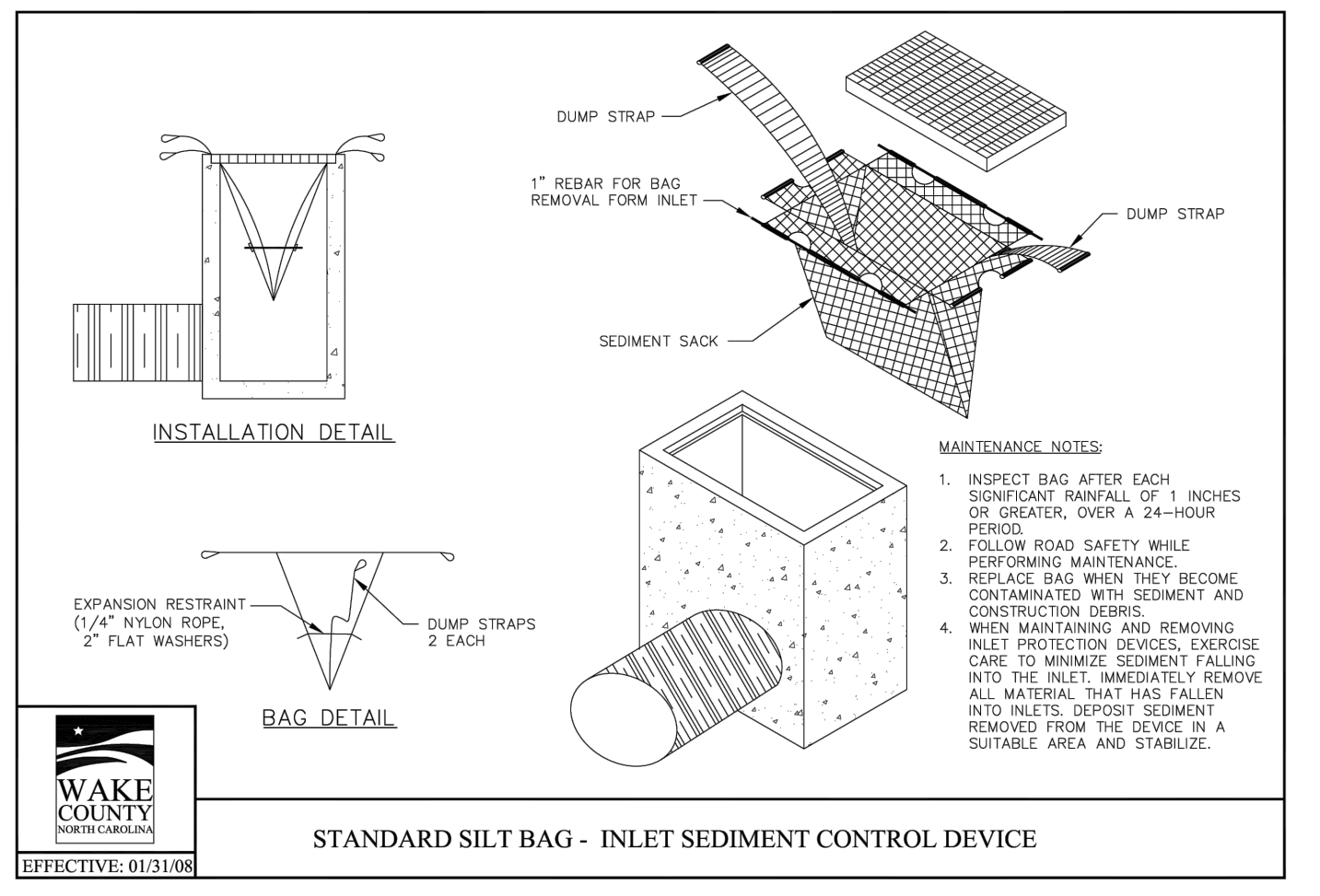
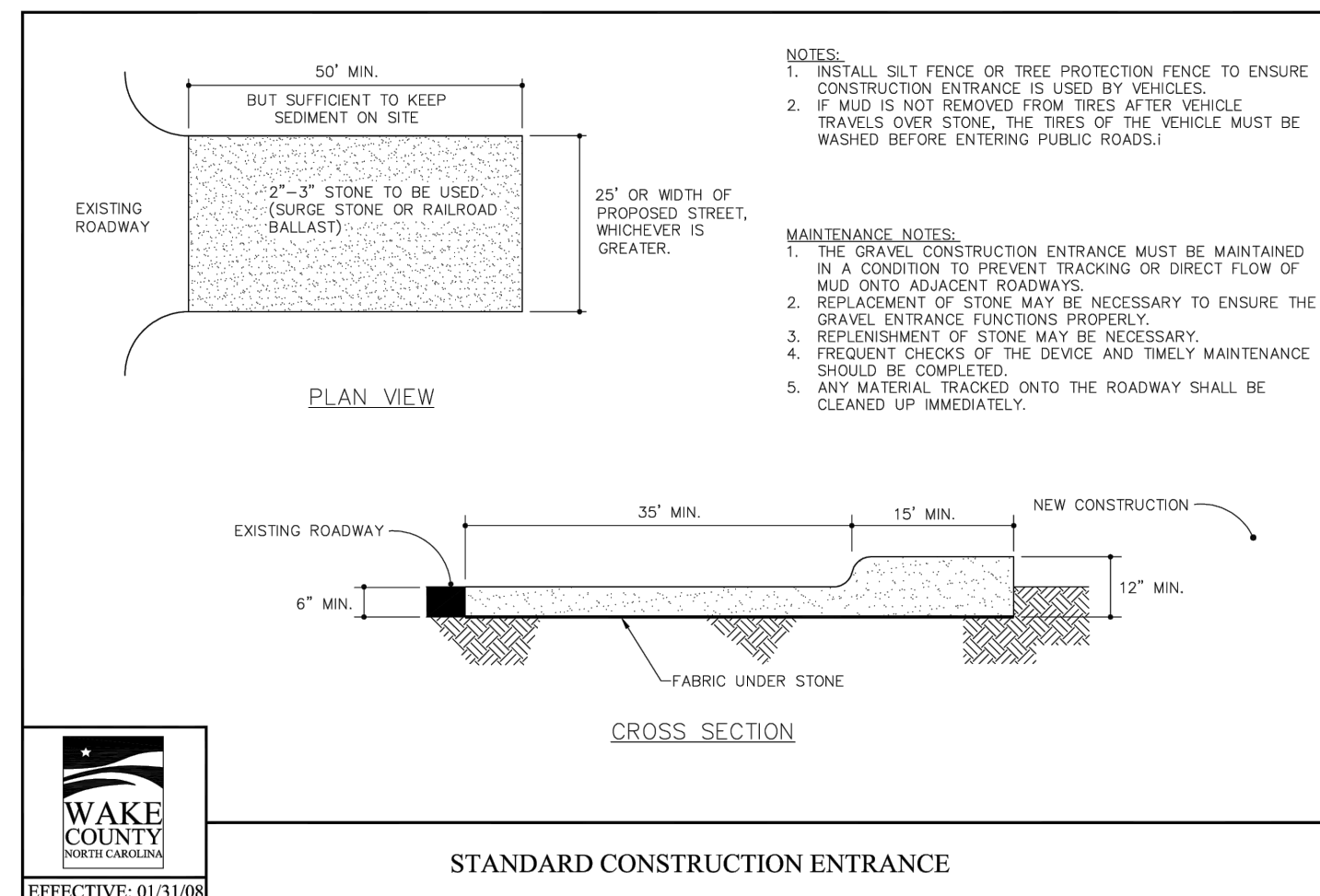
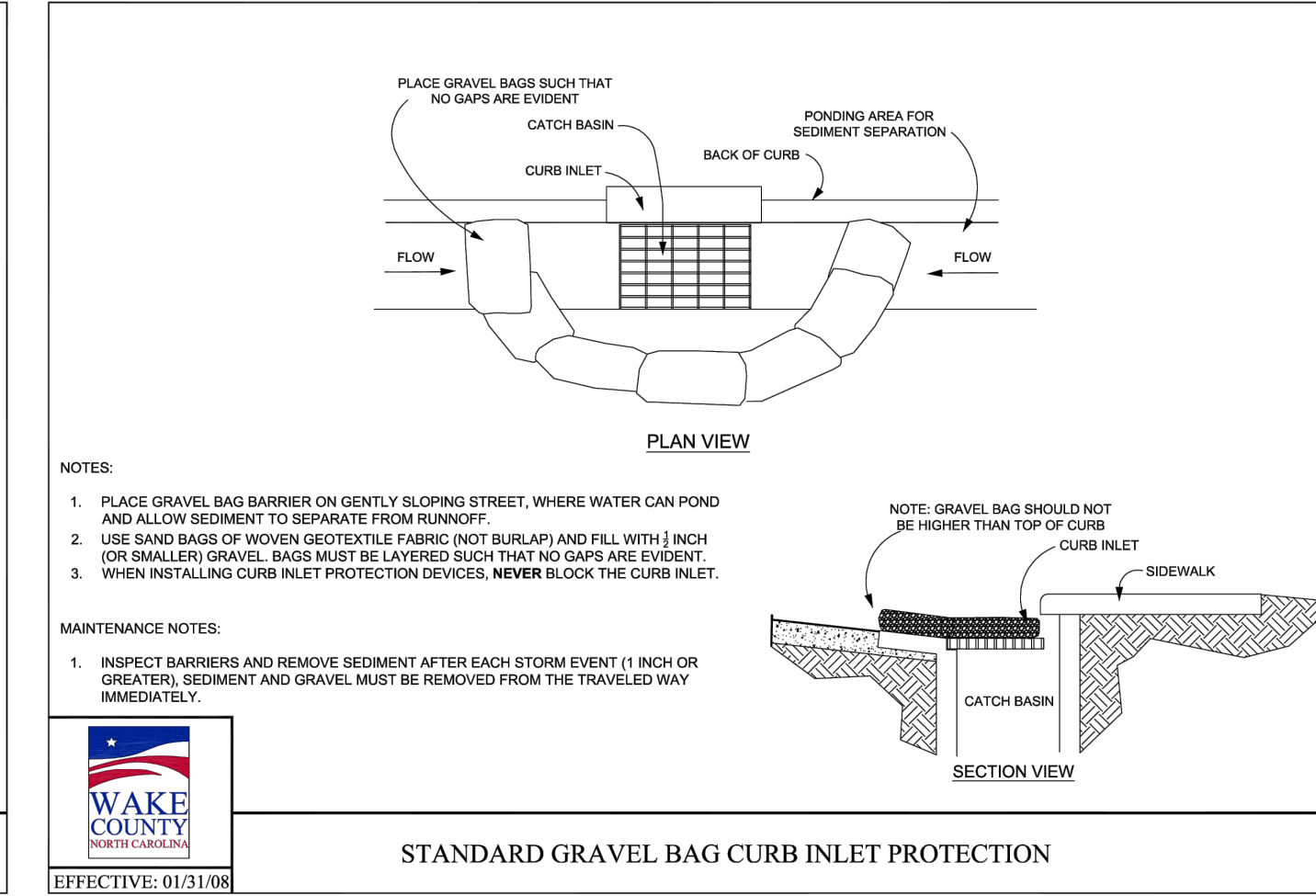
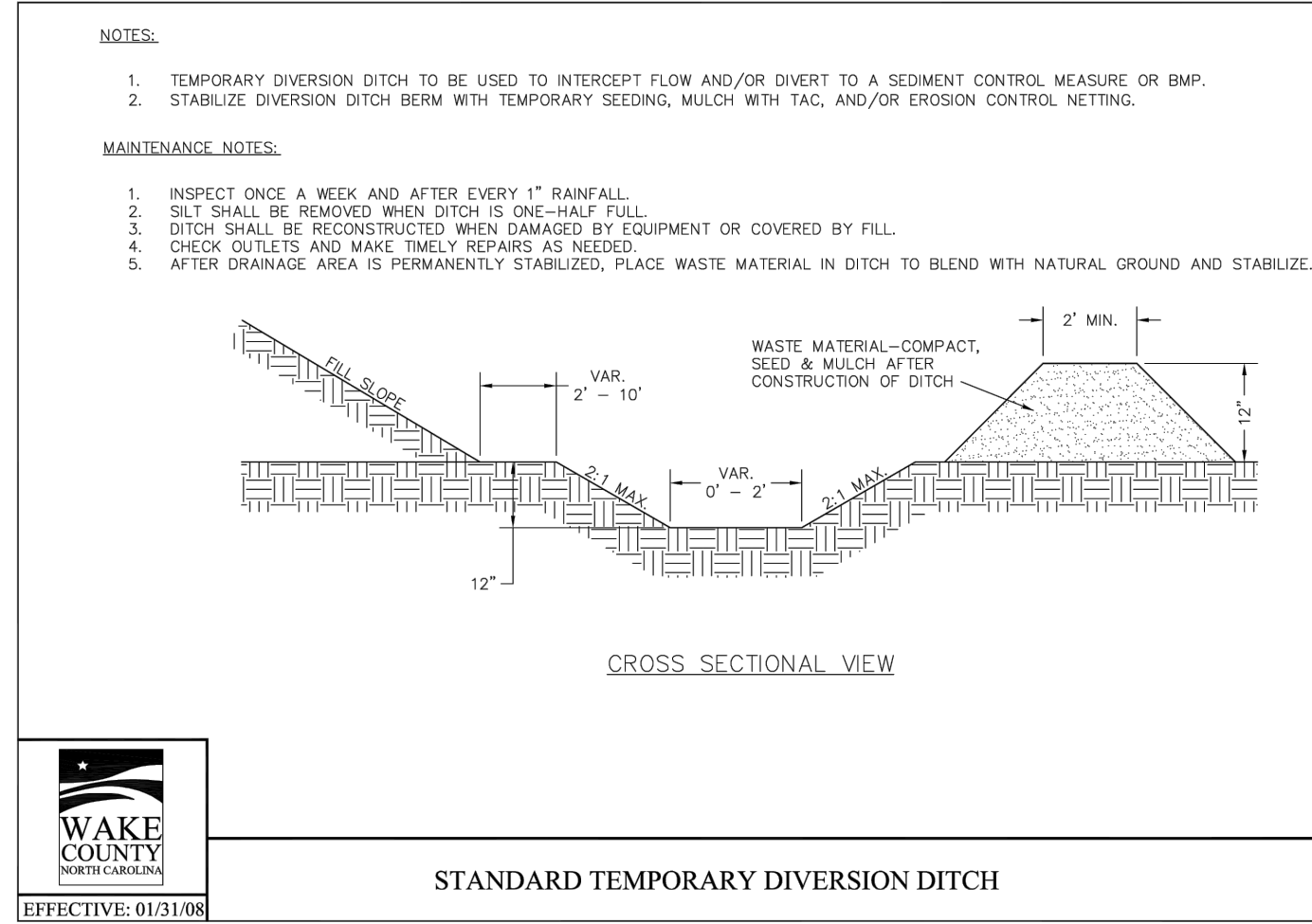
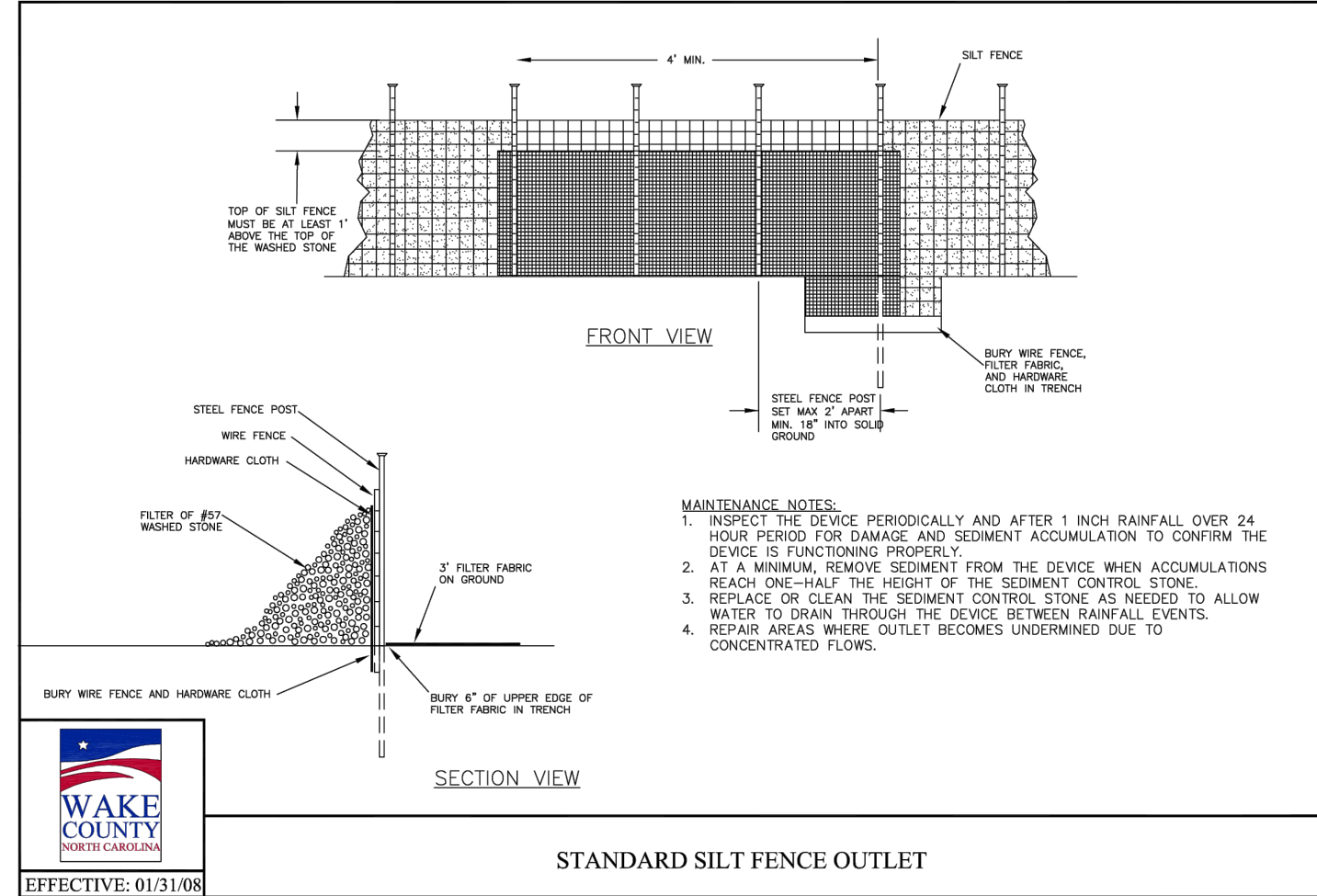
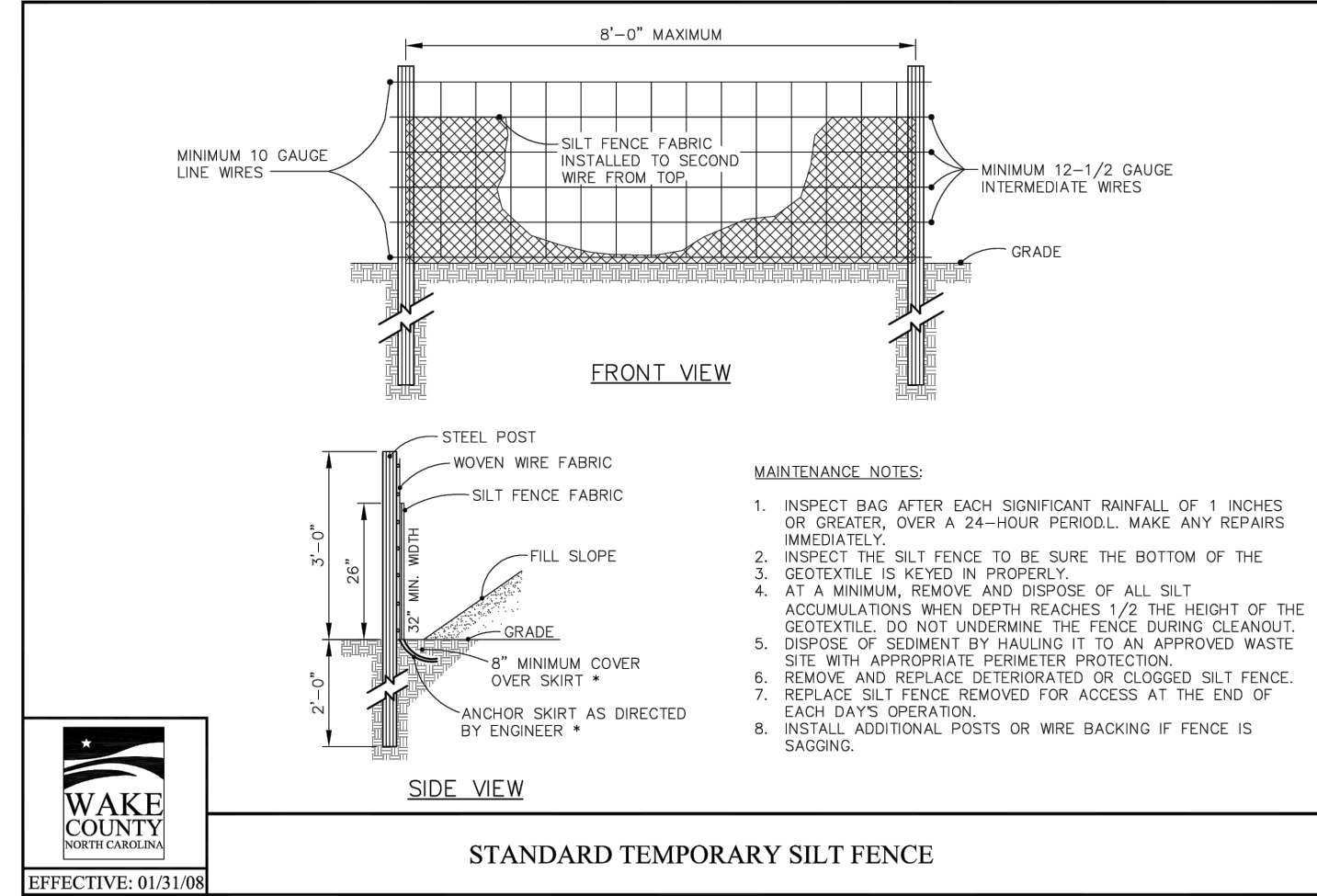


NOTES: TYPICAL POOL SITE RENDERING PROVIDED BY DEVELOPER. PLAYGROUND EQUIPMENT IS NOT PROPOSED FOR POOL SITE BUT IS TO BE INSTALLED IN DEDICATED LOCATIONS ELSEWHERE IN DEVELOPMENT AS SHOWN ON THE APPROVED SITE PLAN



REV #	DATE	DESCRIPTION
1	08.07.23	ROLESVILLE 2ND REVIEW COMMENTS (CAA)
2	10.02.23	ROLESVILLE 3RD REVIEW COMMENTS (BCSC)
3	12.01.23	ROLESVILLE 1ST REVIEW COMMENTS (BCSC)
4	01.18.24	WAKE COUNTY EC SUBMITTAL (BCSC)
5	03.18.24	WAKE COUNTY EC SUBMITTAL 2 (BCSC)

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FINAL DRAWING FOR CONSTRUCTION

04/23/2024 10:16:21 AM

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 Phone: 919.577.1080 Fax: 919.577.1081
 NCBEIS FRM No. C-2378



PRESERVE AT JONES DAIRY AMENITY SITE

ROLESVILLE, NC 27571
 WAKE COUNTY

STANDARD DETAILS

Design By:	JMW
Date:	10.02.23
Project #:	P230462
SHEET	C952

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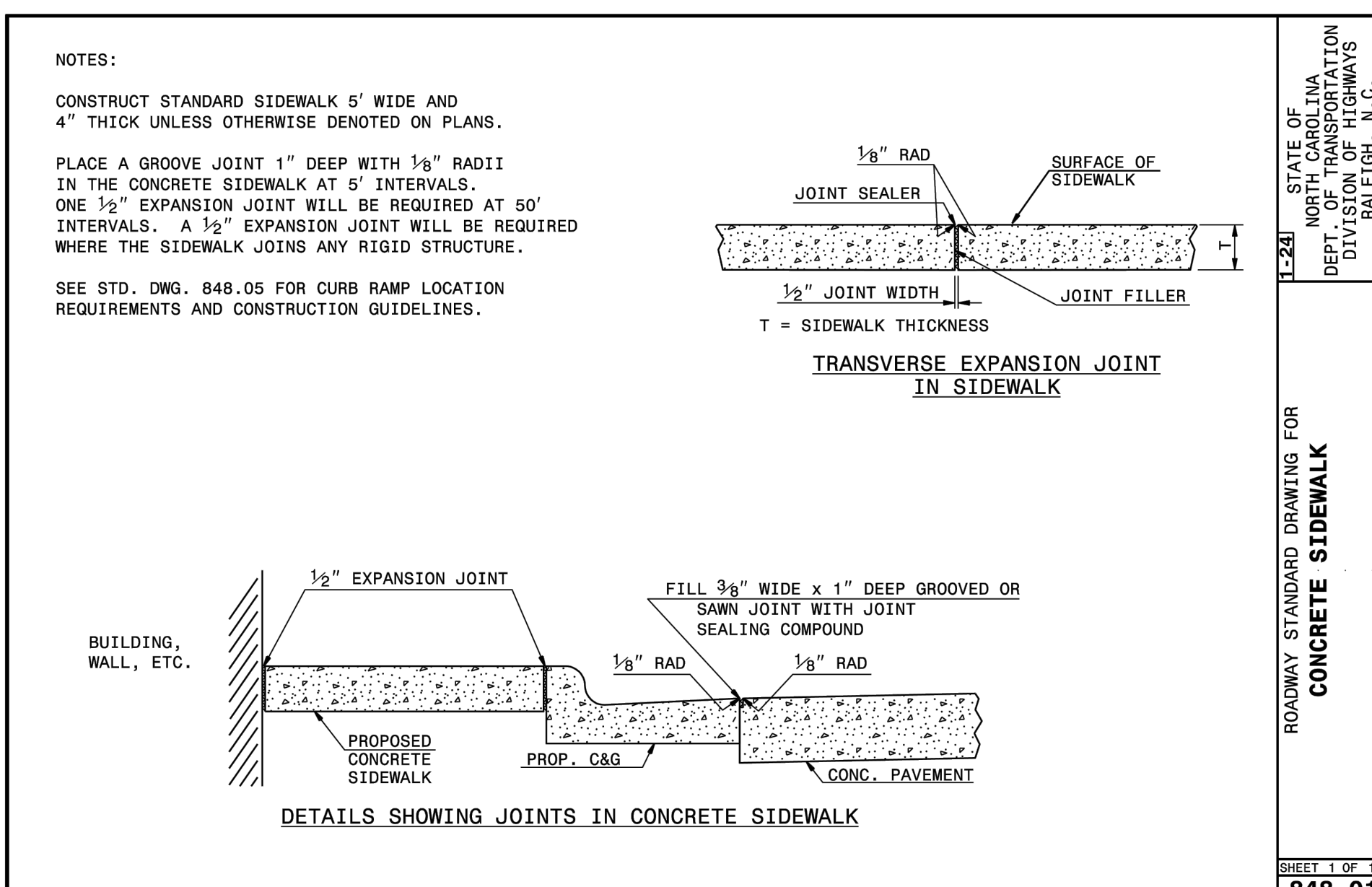
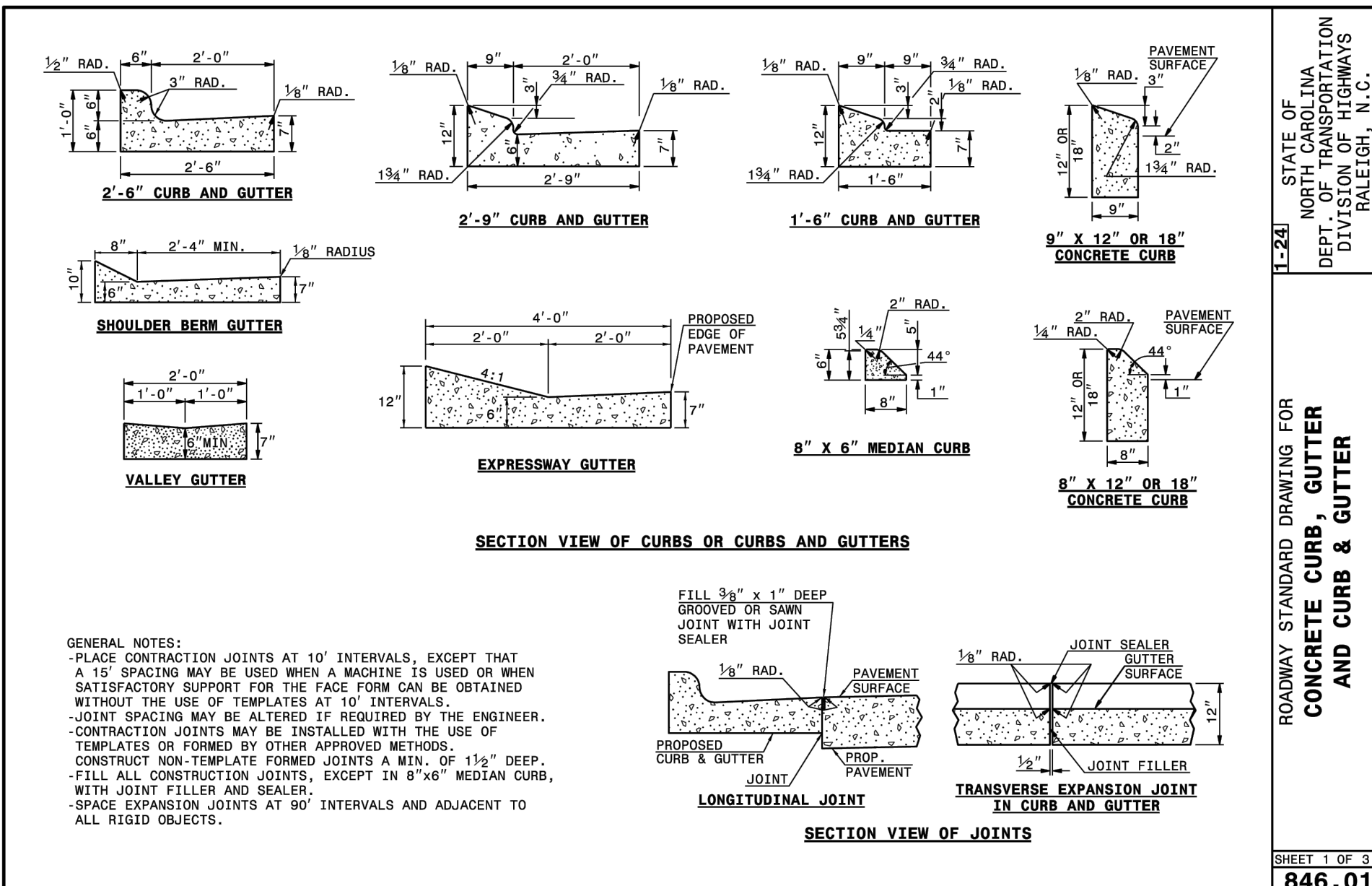
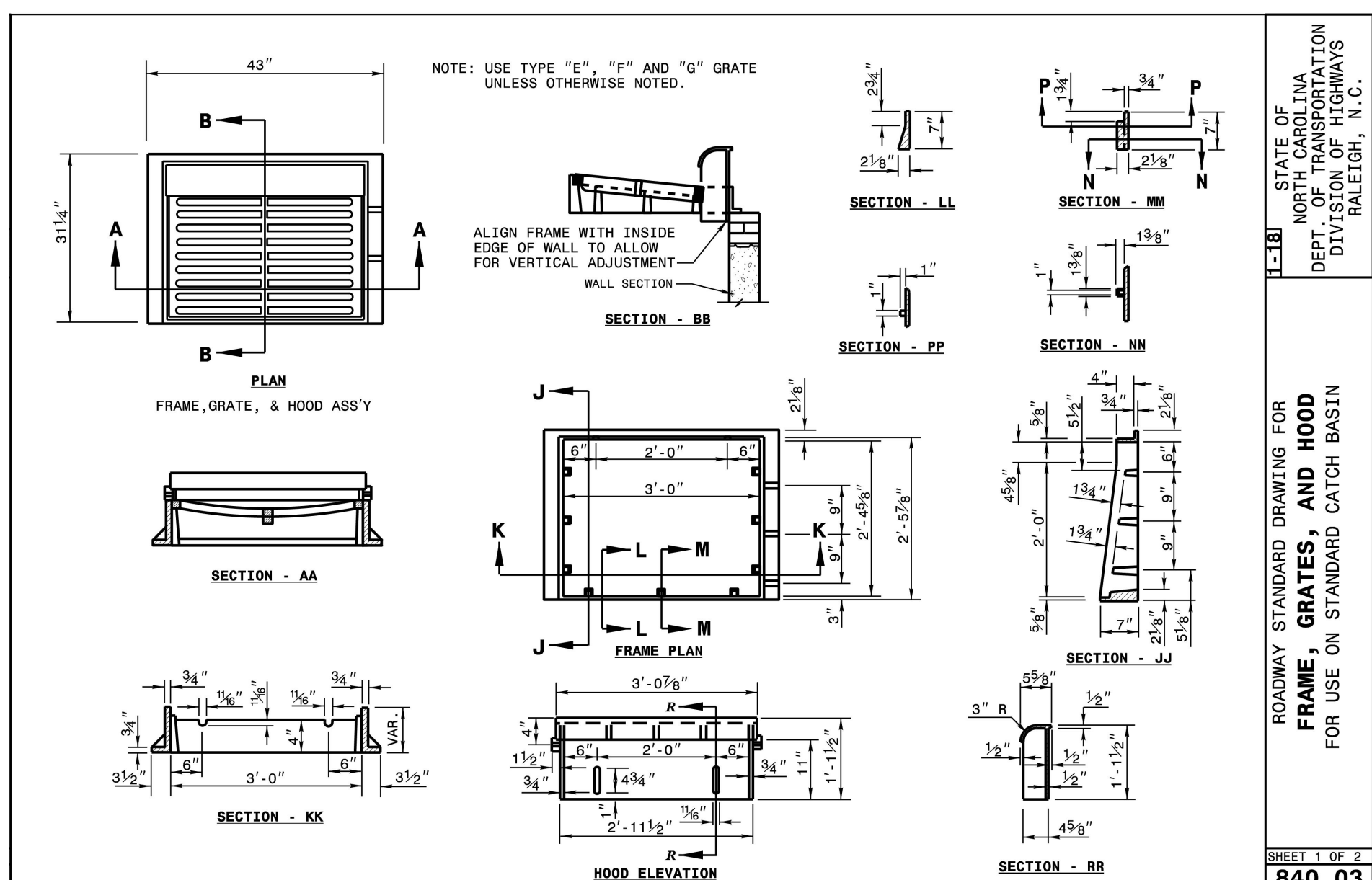
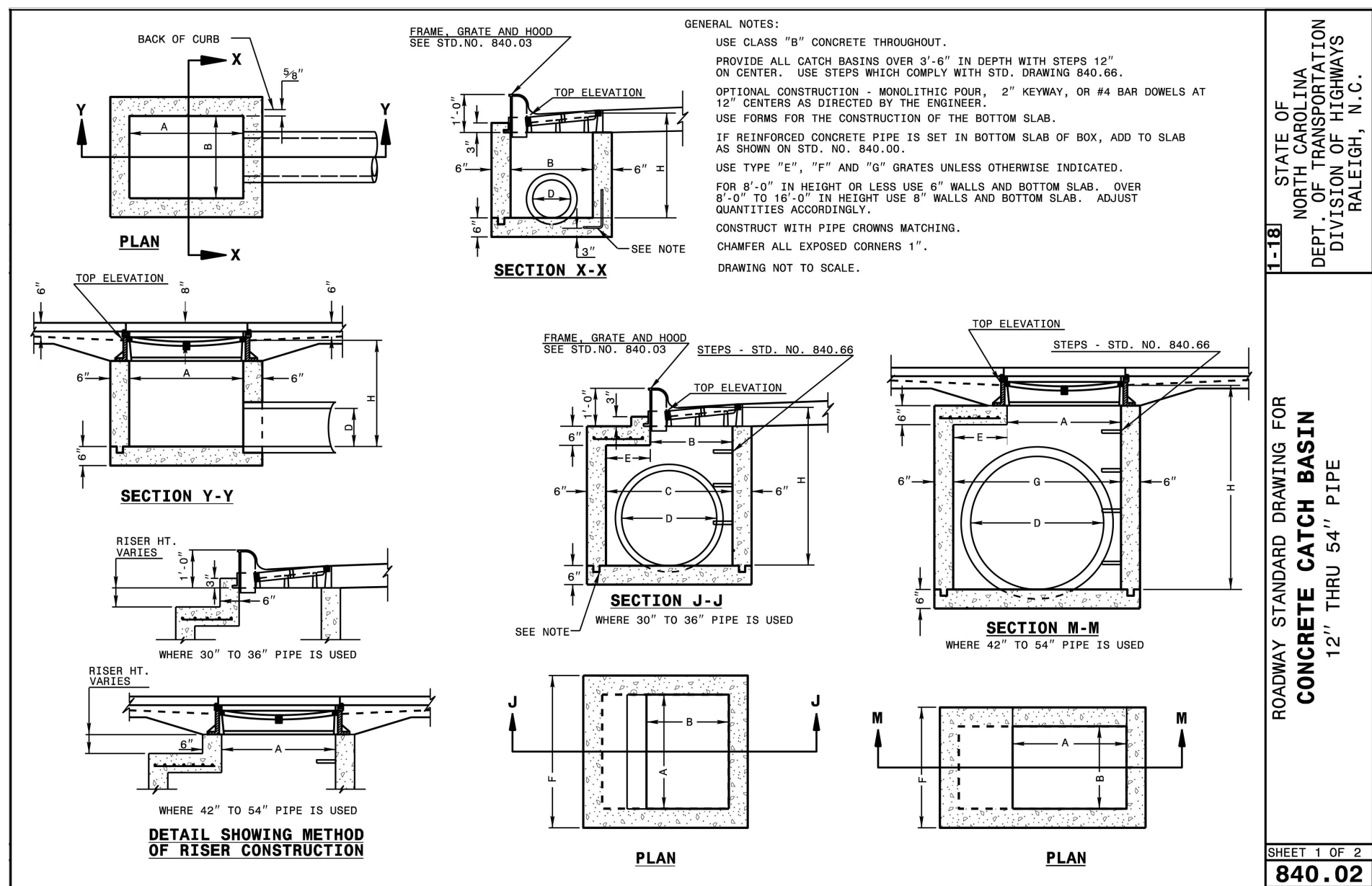
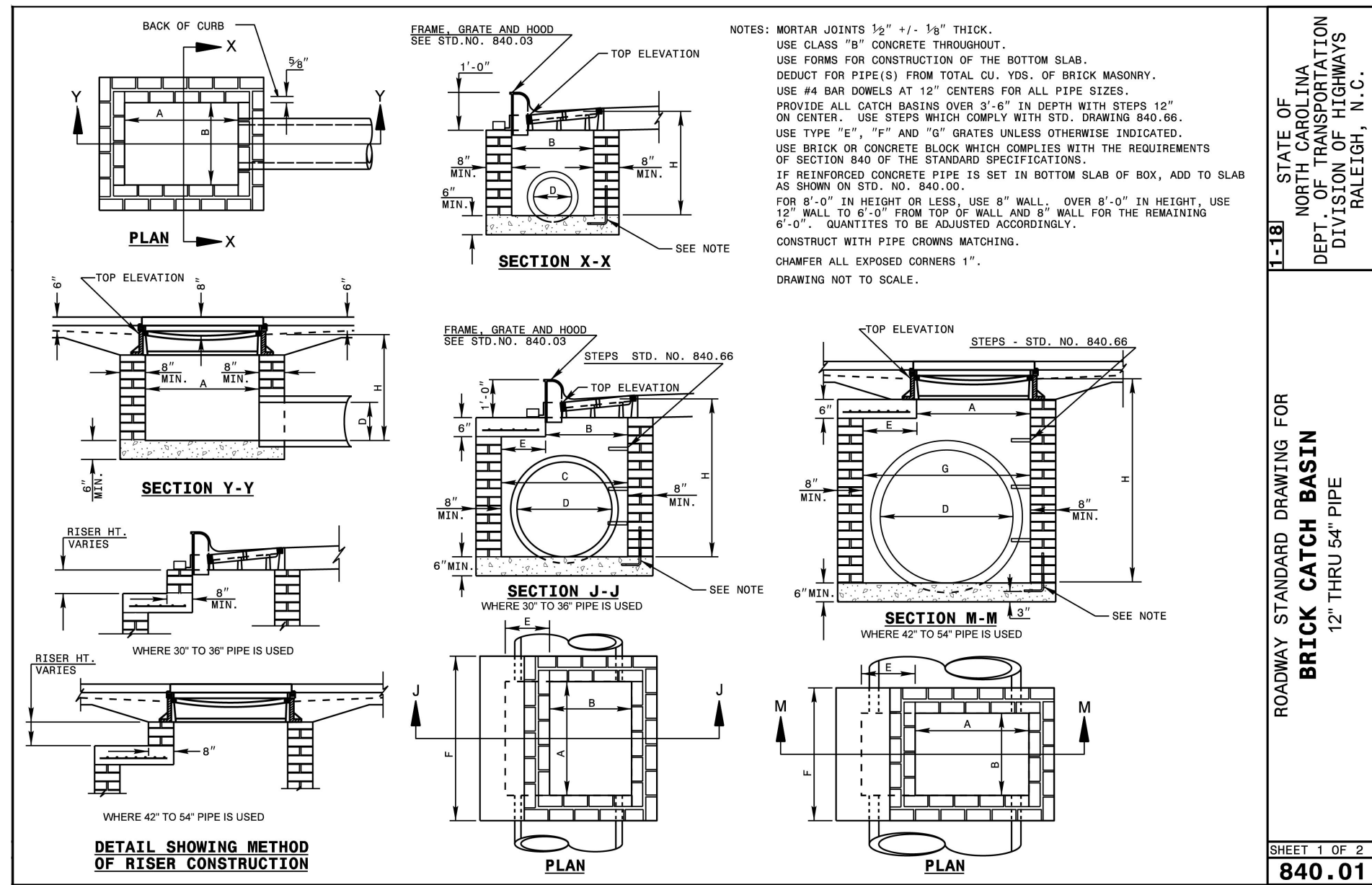
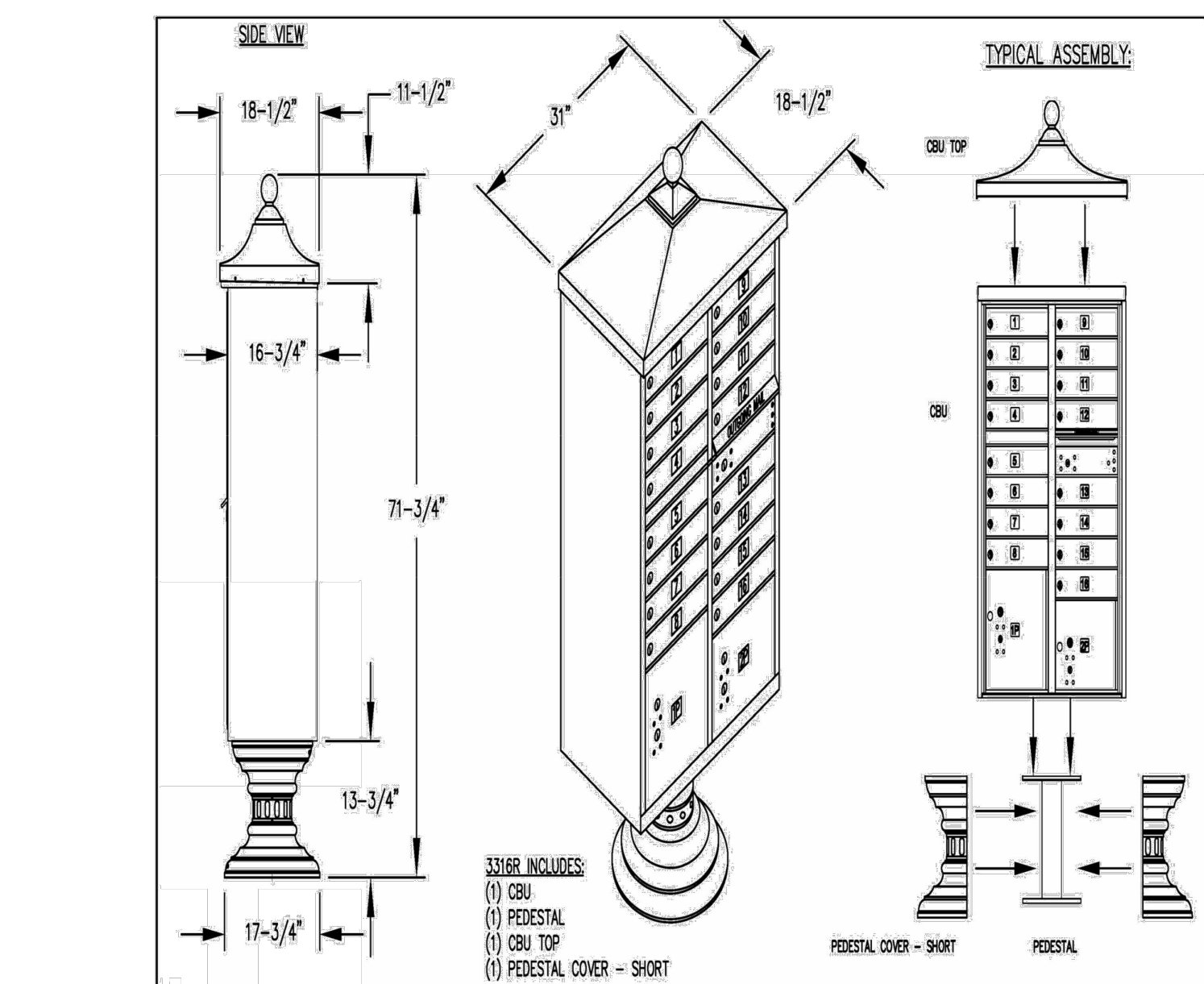
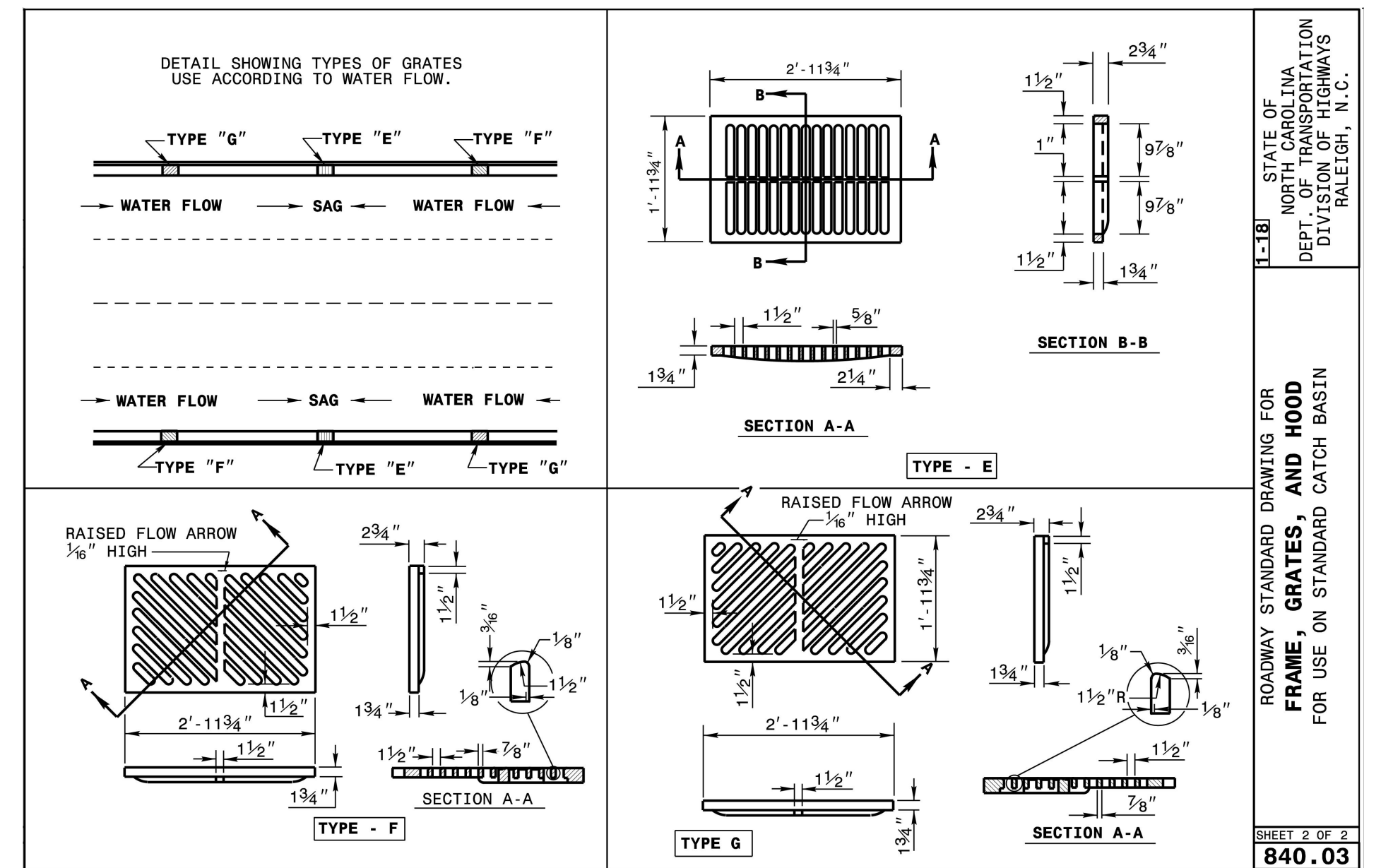
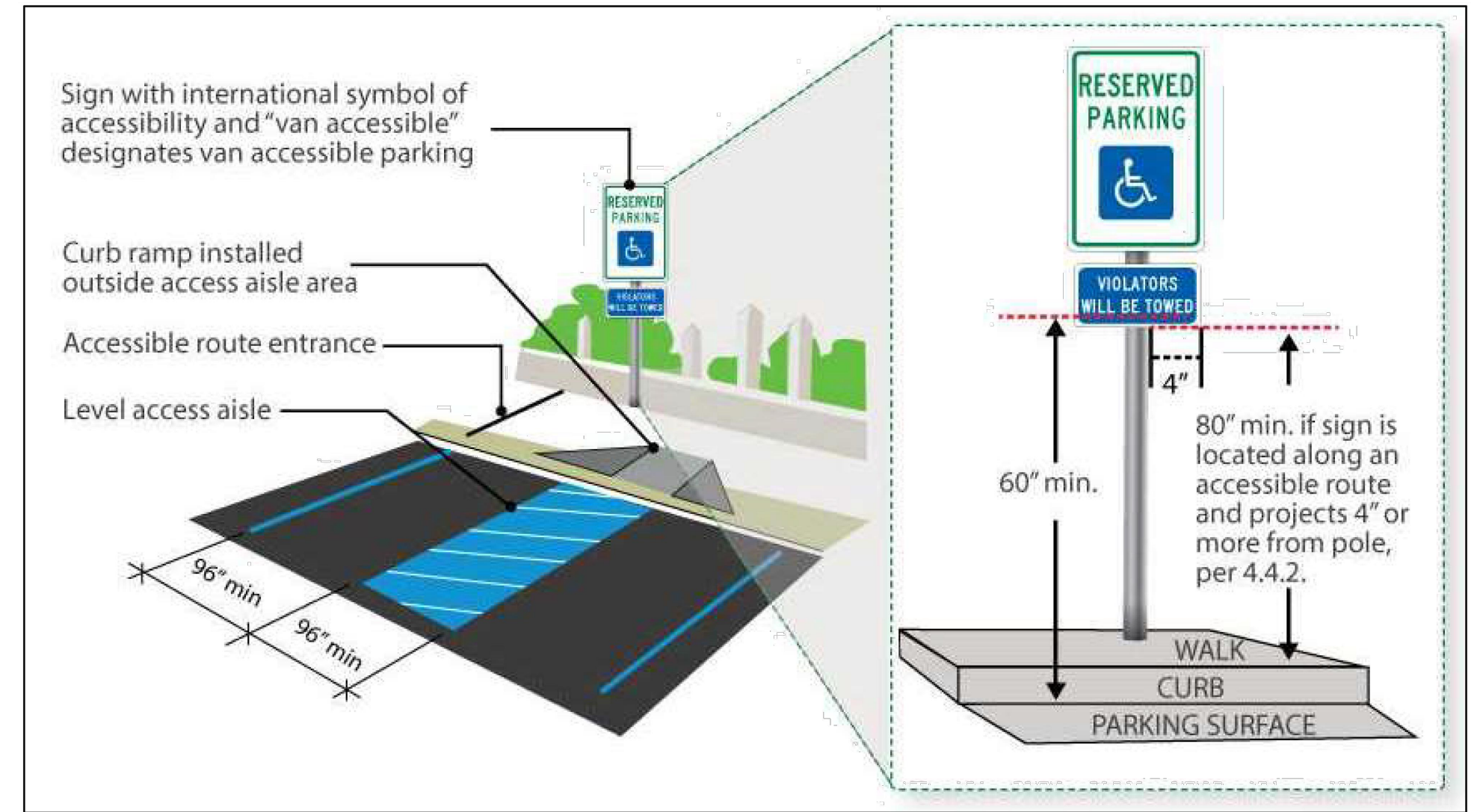
PRESERVE AT JONES DAIRY
AMENITY SITE

ROLESVILLE, NC 27571
WAKE COUNTY

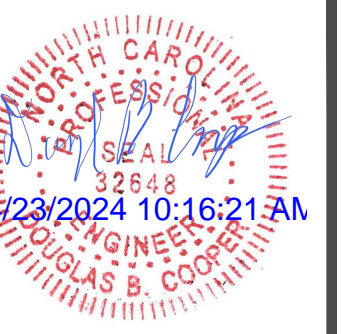
STANDARD DETAILS

Design By: JMW
Date: 10.02.23
Project #: P230462

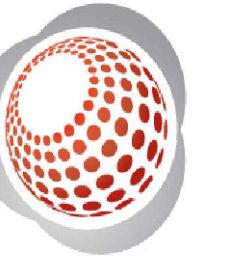
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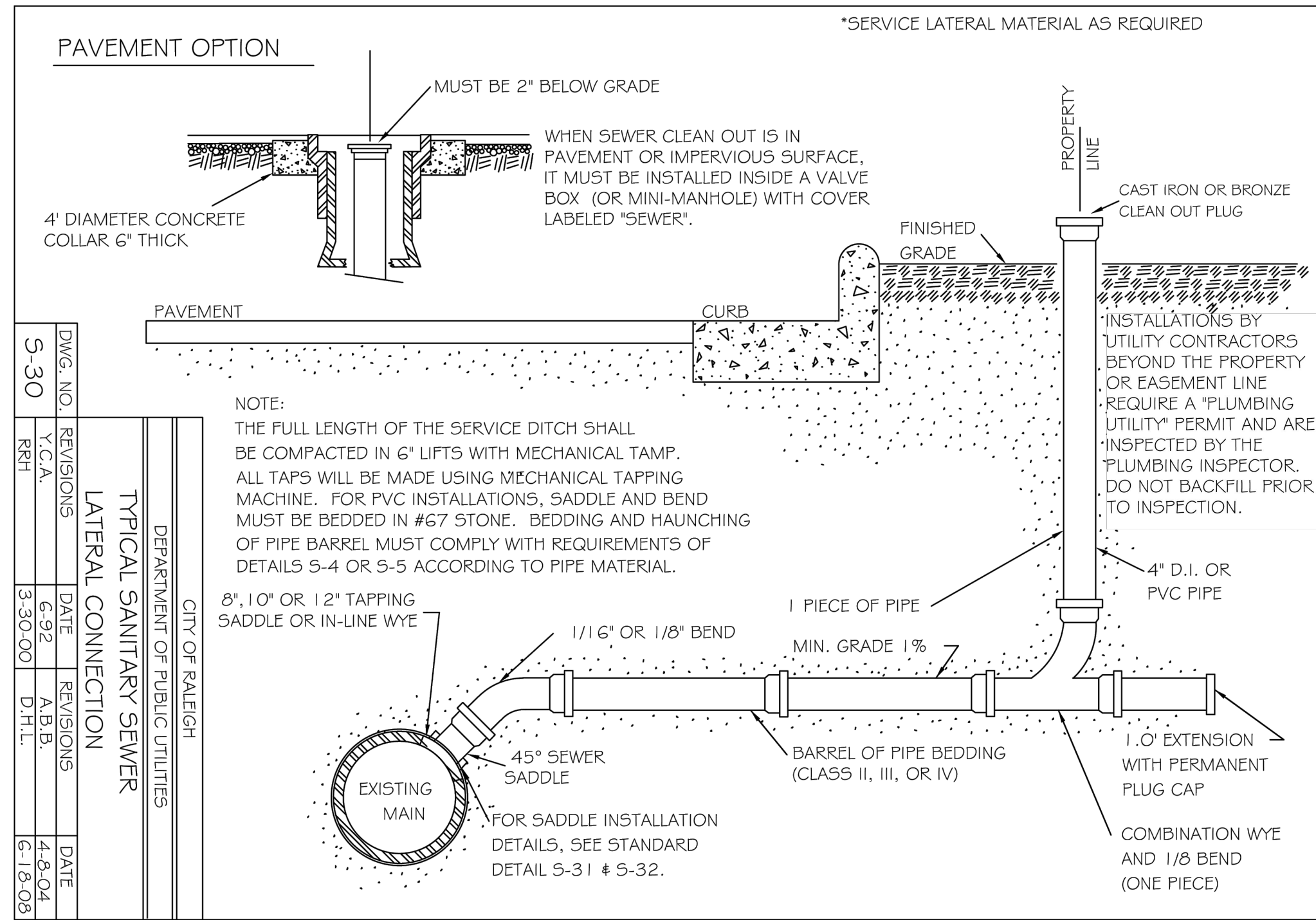
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AMENITY SITE

ROLESVILLE, NC 27571
WAKE COUNTY

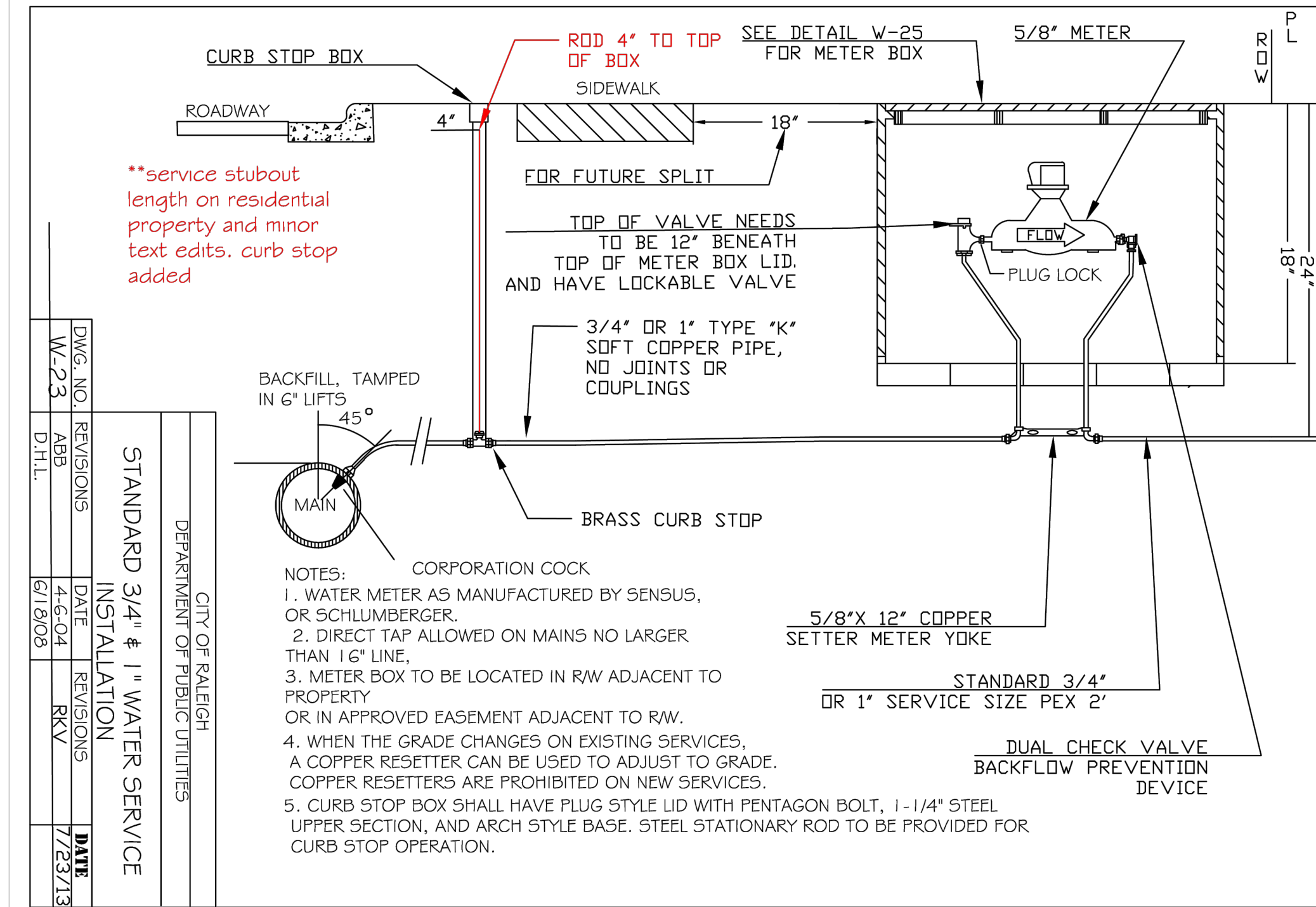
STANDARD DETAILS

Design By: **JMW**
Date: **10.02.23**
Project #: **P230462**

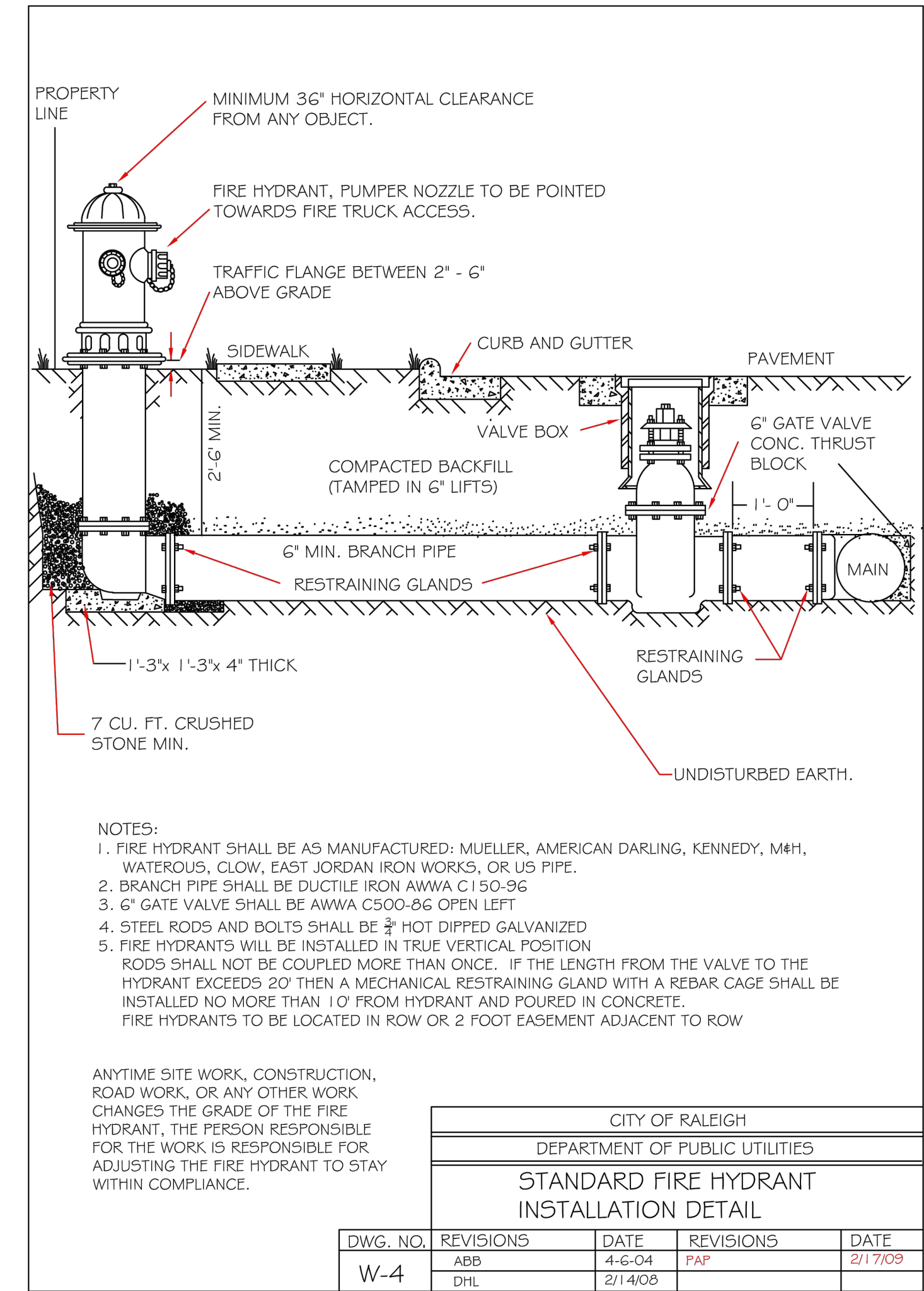
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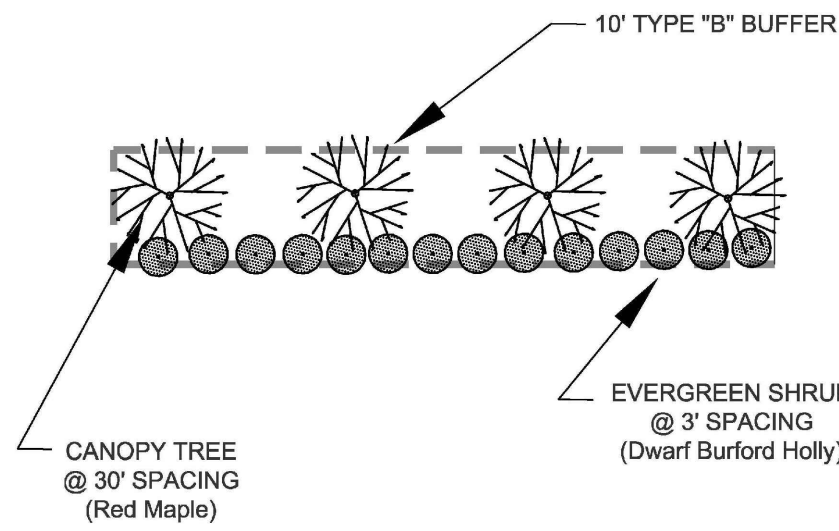
CITY OF RALEIGH				
DEPARTMENT OF PUBLIC UTILITIES				
STANDARD FIRE HYDRANT INSTALLATION DETAIL				
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W-4	ABB	4-6-04	PAP	2/17/09
	DHL	2/14/08		

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1.0 GENERAL NOTES:

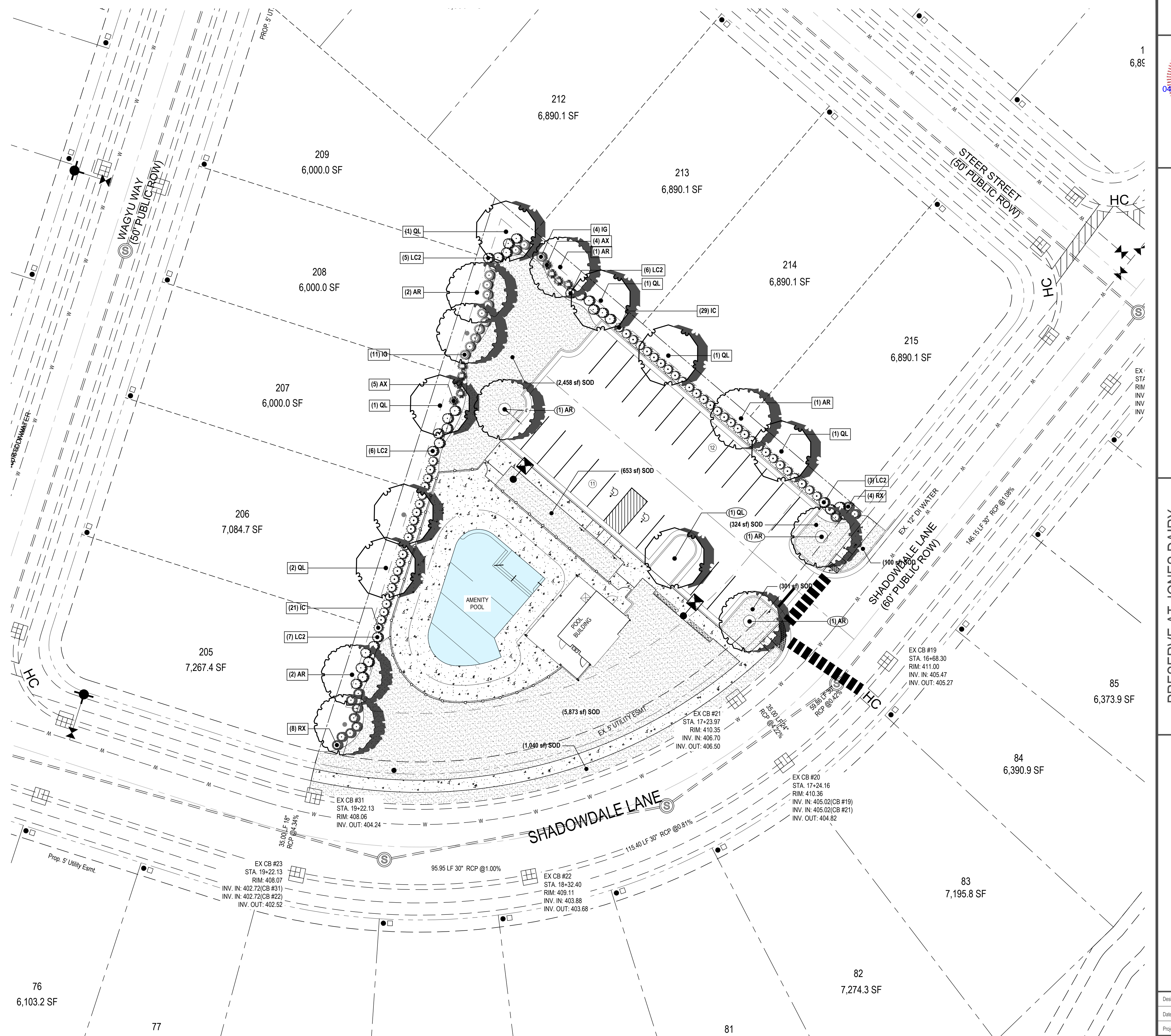
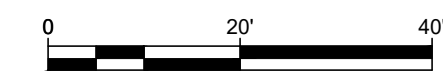
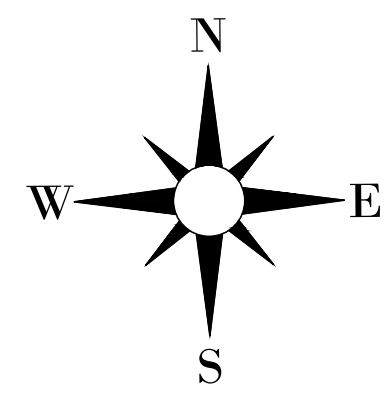
- 1.1 THIS IS PLAN IS FOR LANDSCAPE PURPOSES ONLY.
- 1.2 UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED BY THE OWNER, LANDSCAPE ARCHITECT, OR THEIR REPRESENTATIVES. PLEASE CALL BEFORE YOU DIG. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT RESULT FROM THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES TO REMAIN.
- 1.3 THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS TO ENSURE THAT THE NEW WORK SHALL FIT INTO THE EXISTING SITES IN THE MANNER INTENDED AND AS SHOWN ON THE DRAWINGS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO PERFORMING ANY WORK IN THE AREA INVOLVING DISCREPANCIES. NOTIFICATION SHALL BE MADE IN THE FORM OF A DRAWING OR SKETCH INDICATING FIELD MEASUREMENTS AND NOTES RELATING TO THE AREA.
- 1.4 ALL WORK SHALL MEET OR EXCEED THE REQUIREMENTS OF ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES AND REQUIREMENTS. THE CONTRACTOR SHALL OBTAIN ALL LICENSES AND PERMITS REQUIRED FOR THE PERFORMANCE OF HIS WORK.
- 1.5 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM ALL WORK IN A MANNER THAT PROTECTS COMPLETED WORK BY OTHERS, SUCH AS CURBS, UTILITIES, STORM DRAINAGE, FENCES, DRIVEWAY APRONS, DRIVES, VEGETATION, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF SATISFACTORY REPAIR OF ALL DAMAGES IN KIND RESULTING FROM HIS FAILURE TO COMPLY.
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Notes: This buffer serves as a semi-opaque screen from the ground up to a height of at least three feet. Canopy trees shall reach a height of at least 20 feet at maturity and have no unobstructed openings greater than 20 feet between canopies. This buffer may include a wall, an earthen berm, an opaque or semi-opaque fence existing or planted vegetation, or any appropriate combination of these elements to achieve the desired opacity. At least 50 percent of the required shrubs must be of the evergreen species. Shrubs are to be planted sufficiently close together to form an opaque screen within three years after planting.

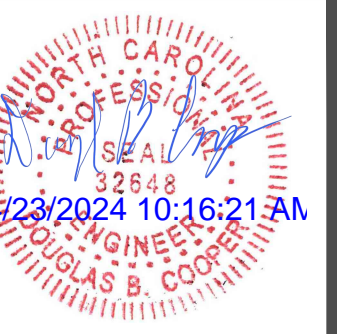
LANDSCAPE LEGEND:

- (6) RI LANDSCAPE - BUFFER (10' - TYPE "B")
- (6) RI LANDSCAPE - PARKING
- (50 sf) SOD LANDSCAPE - TURF / SOD
- POOL - WATER SURFACE
- POOL - CONCRETE DECK
- POOL - RESTROOMS
- POOL - FENCE
- UTILITY - WATER LINE
- UTILITY - WATER SERVICE LINE
- UTILITY - SEWER LINE
- UTILITY - SEWER SERVICE LINE
- UTILITY - SEWER MANHOLE
- UTILITY - STORM DRAINAGE

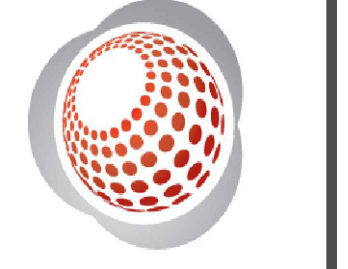


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FINAL DRAWING
FOR CONSTRUCTION



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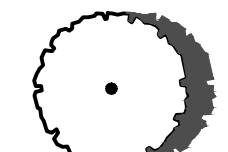
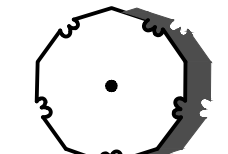


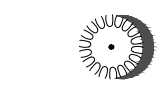
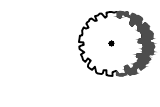

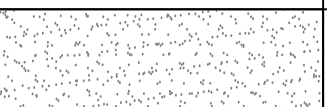
PRESERVE AT JONES DAIRY
AMENITY SITE

LANDSCAPE PLAN

Design By: JMW
Date: 10.02.23
Project #: P230462
SHEET
L100

REFER TO C100 FOR ALL SITE DETAILS AND CALCULATIONS.

PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER	HEIGHT	SPREAD	REMARKS
	AR	9	Acer rubrum 'Autumn Flame' / Autumn Flame Red Maple	3" Cal.	B&B	min. 12'	6'-8'	
	QL	8	Quercus laurifolia / Laurel-leaved Oak	3" Cal.	B&B	min. 12'	6'-8'	
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER	HEIGHT	SPREAD	REMARKS
	AX	9	Abelia x grandiflora / Glossy Abelia	5 gal.	Cont.	min. 24"	18"-24"	
	IC	50	Ilex cornuta 'Burfordii Nana' / Dwarf Burford Holly	5 gal.	Cont.	min. 24"	18"-24"	
	IG	15	Ilex glabra 'Compacta' / Compact Inkberry	5 gal.	Cont.	min. 24"	18"-24"	
	LC2	27	Loropetalum chinense rubrum 'Ruby' / Ruby Fringe Flower	7 gal.	Cont.	min. 24"	24"-30"	
	RX	12	Rhododendron x 'Conlec' / Autumn Royalty® Encore® Azalea	5 gal.	Cont.	min. 24"	18"-24"	
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER	HEIGHT	SPREAD	REMARKS
	SOD	10,749 sf	Eremochloa ophiuroides / Centipede Sod	---				(OR APPROVED EQUAL)

1.0 GENERAL NOTES:

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2.0 LANDSCAPE NOTES:

- SOIL AMENDMENTS SHALL BE APPLIED ANNUALLY ACCORDING TO THE FOLLOWING CHART:

TREES	SOIL AMENDMENTS	RATE	SIZE OR SQ. FT.
	10-6-4 FERTILIZER	10 LBS	1,000 SQ. FT.

SHRUBS	SOIL AMENDMENTS	RATE	SIZE OR SQ. FT.
	10-6-4 FERTILIZER	5 LBS	100 SQ. FT.

PERENNIALS & GROUNDCOVERS	SOIL AMENDMENTS	RATE	SIZE OR SQ. FT.
	14-14-14 FERTILIZER	3 LBS	100 SQ. FT.
	COMPOST	3 YDS	1,000 SQ. FT.

SEASONAL COLOR - ANNUAL BED PREPARATION	SOIL AMENDMENTS	RATE	SIZE OR SQ. FT.
	14-14-14 FERTILIZER	3 LBS	100 SQ. FT.
	COMPOST	1.5 YDS	1,000 SQ. FT.

CONTAINERS AND/OR POTS	SOIL AMENDMENTS	RATE	SIZE OR SQ. FT.
	14-14-14 FERTILIZER	3 LBS	100 SQ. FT.

- ALL PLANTS EXCEPT SPECIFICALLY NOTED SPECIES, WILL BE NURSERY GROWN. THEY SHALL BE TYPICAL OF THEIR SPECIES CULTIVAR OR VARIETY. THEY SHALL BE SOUND, HEALTHY, AND VIGOROUS, AND SHALL BE FREE OF DISEASE AND ANY EVIDENCE OF INSECTS. IF IN LEAF, THEY SHALL BE DENSELY FOLIATED, WITHOUT LEAF SPOTS, DISCOLORATION, CURL, WILTING, CHLOROSIS OR DAMAGE. THEY SHALL HAVE HEALTHY, WELL-DEVELOPED ROOT SYSTEMS. UNLESS SPECIFIED IN THE PLANT SCHEDULE, TREES WITH BROKEN, CROOKED OR MULTIPLE LEADERS WILL NOT BE ACCEPTED. TREES WILL BE REJECTED IF THEY HAVE BARK ABRASIONS, SUN SCALD DAMAGE, DISFIGURING KNOTS OR PRUNING CUTS MORE THAN 1-1/4 INCHES IN DIAMETER WHICH HAVE NOT COMPLETELY GROWN OVER.
- BALLED AND BURLAPPED PLANTS SHALL BE DUG WITH FIRM NATURAL BALLS OF EARTH, OF DIAMETER AND DEPTH TO INCLUDE MOST OF THE FIBROUS ROOTS, AND MEET THE MINIMUM AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS, LATEST EDITION. ROOT BALLS OF PLANTS SHALL BE ADEQUATELY PROTECTED AT ALL TIMES FROM SUN AND DRYING WINDS, OR FROST.
- ROOTBALL MASS WHICH IS LOOSE WITHIN CONTAINER, OR WHICH IS SMALLER THAN THE CONTAINER WHEN REMOVED, SHALL BE REJECTED. PEAT OR FIBER POTTED PLANTS SHALL BE ROOTED THROUGH ALL SIDES AND BOTTOM OF POTS.
- SHOOTS AND RHIZOMES SHALL EXHIBIT TURGOR AND SHOOTS SHALL BE LIGHTLY COLORED. BODIES OF TUBERS AND BULBS SHALL BE RIGID TO THE TOUCH. PROPAGULES WHOSE SHOOTS AND BODIES ARE SOFT OR MUSHY TO THE TOUCH, OR WHOSE SHOOTS LACK TURGOR OR ARE DARK COLORED SHALL BE REJECTED.
- CALIPER SHALL BE MEASURED AT SIX (6") INCHES ABOVE THE ROOTBALL. HEIGHT SHALL BE MEASURED FROM THE CROWN OF THE ROOT BALL TO THE TOP OF MATURE GROWTH. SPREAD SHALL BE MEASURED TO THE END OF THE BRANCHING EQUALLY AROUND THE CROWN FROM THE CENTER OF THE TRUNK. MEASUREMENTS ARE NOT TO INCLUDE ANY TERMINAL GROWTH. SINGLE TRUNK TREES SHALL BE FREE OF "Y" CROTCHES THAT COULD BE POINT OF WEAK LIMB STRUCTURE OR DISEASE INFESTATION. WHERE TREES ARE PLANTED IN ROWS, THEY SHALL BE UNIFORM IN SIZE AND SHAPE.
- HEIGHT SHALL BE MEASURED FROM THE GROUND TO THE AVERAGE HEIGHT OF THE TOP OF THE PLANT. SPREAD SHALL BE MEASURED TO THE END OF BRANCHING EQUALLY AROUND THE SHRUB MASS. MEASUREMENTS ARE NOT TO INCLUDE ANY TERMINAL GROWTH.
- SIZES SPECIFIED IN THE PLANT LIST ARE MINIMUM SIZES TO WHICH PLANTS ARE TO BE JUDGED.
- THE SUPPLIER OF ALL PLANTS SHALL CERTIFY THAT THE ORIGIN OF THE PLANT IS FROM HARDINESS ZONES 6 OR 7, FROM THE EASTERN OR CENTRAL PORTIONS OF THE UNITED STATES, PRIOR TO PLANTING UNLESS AGREED TO OTHERWISE WITH THE LANDSCAPE ARCHITECT.
- FINE GROUND, TRIPLE SHREDDED BARK MULCH, SUCH AS NATURE'S HELPER OR APPROVED EQUAL, IS TO BE USED FOR ALL PERENNIAL/ANNUAL BEDS WITHIN THE GLADE/ENTRY PLAZA AND ALL PLANT MATERIAL ALONG THE EDGES OF BUILDING FOUNDATIONS. ALL REMAINING MULCH TO BE PINE STRAW.
- PRIOR TO PLANTING, ANY TOPSOIL TO BE SPREAD SHALL BE TESTED BY AN APPROVED SOIL TESTING LABORATORY OR AGRICULTURAL EXTENSION SERVICE LABORATORY. TESTS SHALL INCLUDE MECHANICAL AND CHEMICAL ANALYSIS. A SOILS REPORT SHALL INCLUDE RECOMMENDATIONS FOR THE ADDITION OF FERTILIZER AND ADJUSTMENTS TO PH, OR OTHER AMENDMENTS AND INDICATE THE AMOUNT OF ORGANIC MATTER. A WRITTEN REVIEW OF SAID ANALYSIS AND RECOMMENDATIONS IS REQUIRED TO BE SUBMITTED TO THE LANDSCAPE ARCHITECT AND OWNER 15 DAYS PRIOR TO INSTALLATION.
- ACCEPTABLE TOPSOIL SHALL BE A FERTILE, FRABLE NATURAL LOAM, UNIFORM IN COMPOSITION, FREE OF STONES, LIMBS, PLANTS AND THEIR ROOTS, AND OTHER EXTRANEUS MATTER OVER 1/2" IN DIAMETER. THE SOIL SHALL BE CAPABLE OF SUSTAINED PLANT GROWTH AND HAVE A 5% MINIMUM ORGANIC CONTENT. IN SITUATIONS WHICH REQUIRE A CUSTOM TOPSOIL OR STRUCTURAL SOIL, THE SOIL MIXTURE SPECIFICATION WILL BE PROVIDED BY THE LANDSCAPE ARCHITECT.
- IF ADDITIONAL ORGANIC MATERIAL IS REQUIRED, COMPOST, LEAF MOLD, ECOLOGY - A LOW PH COMPOSED SEWAGE SLUDGE PRODUCT, OR OTHER APPROVED ORGANIC MATERIAL SHALL BE THOROUGHLY DISCED INTO THE TOPSOIL AREA.

3.0 INSTALLATION:

- PRIOR TO PLANTING, THE CONTRACTOR SHALL VERIFY THAT CONSTRUCTED GRADES ARE AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE OWNER OR LANDSCAPE ARCHITECT IF ADJUSTMENTS TO PLANT PLACEMENT MAY BE REQUIRED DUE TO FIELD CONDITIONS AND FINAL GRADING.
- PRIOR TO PLANTING, THE CONTRACTOR SHALL LAY OUT THE EXTEND OF THE PLANT BEDS AND THE PROPOSED LOCATIONS FOR B&B PLANTS FOR REVIEW BY OWNER AND/OR LANDSCAPE ARCHITECT.
- THE CONTRACTOR IS TO SLIGHTLY ADJUST PLANT LOCATIONS IN THE FIELD AS NECESSARY TO BE CLEAR OF DRAINAGE SWALES AND UTILITIES. FINISHED PLANTING BEDS SHALL BE GRADED SO AS NOT TO IMPEDE DRAINAGE AWAY FROM BUILDINGS.
- TOPSOIL SHALL BE SPREAD TO FINISH GRADE OVER THE ENTIRE ROUGH GRADED AREA TO BE LANDSCAPED. AFTER TOPSOIL IS APPLIED, THE SOIL SHALL BE SCARIFIED AS NEEDED TO BREAK UP ANY REMAINING COMPACTION.
- PLANTING HOLES FOR CONTAINER GROWN POTS SHALL BE ONE FOOT (1') DEEP, PLUS THE CONTAINER DEPTH IN WHICH THE PLANT HAS BEEN GROWN AND TWO FEET (2') WIDER THAN THE CONTAINER.
- WHEN PLANTING HOLES FOR B&B PLANTS, THE CROWN OF THE ROOTBALL SHALL BE HIGHER AFTER SETTLING THAN THE ADJACENT SOIL. THE PLANTING HOLE SHALL BE EXCAVATED ONE FOOT (1') DEEP, PLUS THE ROOTBALL DEPTH AND TWO FEET (2') WIDER THAN THE ROOTBALL.
- BACKFILL THE PLANTING HOLES WITH IN-SITU SOIL MATERIAL REMOVED FOR PLANTING AFTER REMOVING ALL STONES, ROOTS AND OTHER DEBRIS GREATER THAN 1-1/2" IN DIAMETER. A MYCORRHIZAL INOCULANT SHALL BE ADDED TO THE BACKFILL PER THE MANUFACTURER'S INSTRUCTIONS. FOLLOWING THE BACKFILLING, WATER TO THE POINT OF SOIL SATURATION AND TAMP TO COMPACT BACKFILL MIXTURE. ADD EXISTING SOIL TO BRING THE FINAL GRADE IN THE PLANTING HOLE TO THE SURROUNDING SOIL SURFACE. MAKE THE UNUSED EXISTING SOIL OUTSIDE THE PLANTING HOLES. TAKING CARE NOT TO MOUND THE SOIL OR TO SIGNIFICANTLY ALTER THE EXISTING GRADES AND THEN PLACE MULCH ATOP ENTIRE PLANTING HOLE. (SEE APPLICABLE PLANTING DETAILS FOR THICKNESS) THE PLANTING HOLE AREAS MUST NOT BE DEPRESED BELOW THE SURROUNDING SOIL SURFACE ELEVATIONS.
- ALL PLANTS SHALL BE WATERED IMMEDIATELY AFTER PLANTING UNTIL THE SOIL IS SATURATED. PLANTS SHALL BE WATERED A MINIMUM OF EVERY TWO WEEKS, SHOULD THE SOILS DRY, UNTIL ACCEPTANCE BY THE OWNER. DURING DRY CONDITIONS, WATER AS REQUIRED TO MAINTAIN PLANTS IN A WILT FREE CONDITION.
- ALL CONTRACTORS SHALL BE REQUIRED TO COMPLETELY REMOVE ALL TRASH, DEBRIS, AND EXCESS MATERIALS FROM THE WORK AREA AND THE PROPERTY (ESPECIALLY AT ALL CURB, GUTTERS, AND SIDEWALKS) DAILY DURING INSTALLATION.
- ALL DISTURBED, NON-VEGETATED SLOPES SHALL BE PLANTED WITH AN ANNUAL RYE GRASS OR AN APPROVED EQUAL BEFORE INSTALLATION AT THE RECOMMENDED RATE TO STABILIZE AREA, OR OTHER EQUIVALENT EROSION CONTROL MEASURES.
- LARGE GROWN PLANTS ARE NOT TO BE PLANTED IN FRONT OF WINDOWS, UNDER BUILDING OVERHANGS, OR IN DRAINAGE SWALES. SHRUBS PLANTED NEAR H.V.A.C. UNITS TO BE LOCATED SO THAT SHRUBS AT MATURITY WILL MAINTAIN ONE (1) FOOT AIRSPACE BETWEEN UNIT AND PLANT. ANY PLANTING WHICH IS SHOWN ADJACENT TO CONDENSOR UNITS SHALL BE PLANTED AS REQUIRED TO SCREEN THE UNITS. SHOULD THE CONDENSOR UNITS BE INSTALLED IN LOCATIONS DIFFERENT FROM THOSE DEPICTED ON THE PLANS, WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE LANDSCAPE ARCHITECT AND INSTALL THE MATERIALS AROUND THE CONDENSOR UNITS AND TO ADJUST OTHER ADJACENT PLANTINGS ACCORDINGLY.
- TREE STAKING AND GUYING SHALL BE COMPLETED PER DETAILS IN THIS SET OF LANDSCAPE PLANS. THE CONTRACTOR SHALL ENSURE THAT TREES REMAIN VERTICAL AND UPRIGHT FOR THE DURATION OF THE GUARANTEE PERIOD.
- BURLAP, TAGS, AND TWINE SHALL BE REMOVED AND BURLAP IS TO BE ROLLED BACK ONE-THIRD ON ALL B&B PLANT MATERIAL. ANY SYNTHETIC BURLAP SHALL BE COMPLETELY REMOVED FROM PLANT MATERIAL.
- SHRUBS, BULBS, AND GROUNDCOVERS SHALL BE TRIANGULARLY SPACED AT SPACING SHOWN ON PLANTING PLANS AND IN APPLICABLE PLANTING DETAILS.
- THE AMERICAN WITH DISABILITIES ACT (ADA) STANDARDS REQUIRE THAT A SEVEN (7) FOOT VERTICAL CLEARANCE BE MAINTAINED FROM TREE BRANCHES TO FINISHED GRADE WHERE PEDESTRIAN SIDEWALKS AND/OR TRAILS ARE LOCATED. THE CONTRACTOR IS TO ADJUST TREE PLANTINGS IN THE FIELD SLIGHTLY TO MINIMIZE BRANCH OVERHANG.
- SHRUBS, GROUNDCOVERS, AND PERENNIALS PLANTED ON SLOPES GREATER THAN 3:1 SHALL HAVE A NATURAL FIBER GEO-TEXTILE WOVEN MESH MATERIAL Pinned TO GROUND PER MANUFACTURER'S SPECIFICATIONS. GROUNDCOVER BEDS SHALL HAVE TWO (2) INCHES OF GROUND LEAF COMPOST SPREAD ONTO SLOPE PRIOR TO PLACING MESH. EXCAVATE PLANT PITS THROUGH MESH.
- ALL TREE PITS, SHRUB BEDS AND PREPARED PLANTING BEDS ARE TO BE COMPLETELY EXCAVATED IN ACCORDANCE WITH THE PLANTING DETAILS IN THIS SET OF LANDSCAPE PLANS.
- THE CONTRACTOR MUST CONTACT THE OWNER AT LEAST 10 WORKING DAYS IN ADVANCE TO SCHEDULE ACCEPTANCE INSPECTION(S). THE CONTRACTOR MUST REPLACE ALL DEAD OR UNACCEPTABLE PLANTS AND PLANT ANY MISSING PLANTS DURING THE FOLLOWING RECOMMENDED PLANTING SEASONS.
- GROUPS OF SHRUBS, PERENNIALS, GROUNDCOVERS SHALL BE PLACED IN A CONTINUOUS MULCH BED WITH SMOOTH CONTINUOUS LINE. ALL MULCHED BED EDGES SHALL BE CURVILINEAR IN SHAPE FOLLOWING THE CONTOUR OF THE PLANT MASS. TREES LOCATED WITHIN FOUR (4) FEET OF PLANT BEDS SHALL SHARE THE SAME MULCH BED.
- TREES SHALL BE LOCATED A MINIMUM OF THREE (3) FEET OR FOUR (4) FEET FROM WALLS AND WALKS WITHIN THE PROJECT. IF CONFLICTS ARISE BETWEEN ACTUAL SIZE OF AREA AND PLANS, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN TO THE LANDSCAPE ARCHITECT AND/OR OWNER WILL RESULT IN CONTRACTOR'S LIABILITY TO RELOCATE MATERIALS.
- ALL SEASONAL COLOR SHALL BE TRIANGULARLY SPACED AT SPACING SHOWN IN THE PLANTING DETAIL IN THIS SET OF LANDSCAPE PLANS. THE CONTRACTOR SHALL INSTALL THE FIRST ROTATION, WHICH IS IN SEASON AT THE TIME THAT ADJACENT PLANTINGS ARE INSTALLED.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO REGRADE, HYDROSEED, STRAW MULCH, AND TACK ALL EXISTING LAWN AREAS DISTURBED AS A RESULT OF HIS/her WORK.
- TREES AND SHRUBS SHALL BE LOCATED WITH A MINIMUM SEPARATION OF 36" FROM CURB FACES PER UDO EXHIBIT 4-6 AND UDO APPENDIX G ("PROTECTION OF TREES AND VEGETATION FROM VEHICLE OVERHANG")

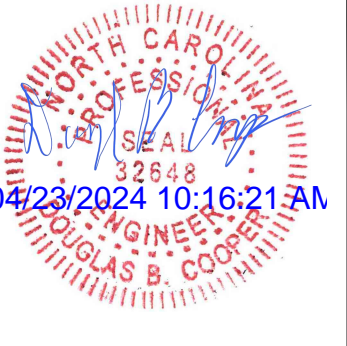
4.0 TREE PROTECTION:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING DAMAGE TO EXISTING TREES LOCATED ALONG ACCESS AND HAIL ROADS, AND ADJACENT TO, OR WITHIN BUILDING CONSTRUCTION SITES AND MATERIAL AND EQUIPMENT STORAGE AREAS. THOSE TREES TO BE SAVED SHALL BE FLAGGED BY THE LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE NECESSARY BARRICADES AND FENCING SO AS TO DIVERT AND DIRECT VEHICULAR AND PEDESTRIAN TRAFFIC AWAY FROM TREES. THE BARRICADES AND FENCING TYPE SHALL BE AS SHOWN ON THE CIVIL CONSTRUCTION DOCUMENTS.
- MATERIALS SHALL NOT BE STORED, NOR VEHICLES PARKED WITHIN THE DRIP-LINE OF THE TREE UNLESS AUTHORIZED BY LANDSCAPE ARCHITECT OR OWNER.
- VEHICLES AND EQUIPMENT SHALL NOT BE DRIVEN OVER EXPOSED ROOTS AND ROADS SHALL NOT BE LOCATED WITHIN THE DRIP-LINE OF TREES UNLESS APPROVAL IS OBTAINED FROM THE LANDSCAPE ARCHITECT.
- ALL TREES INTENDED TO BE SAVED WHICH HAVE BEEN DAMAGED DUE TO CONSTRUCTION PRACTICES, SHALL BE INSPECTED AND TREATED BY A CERTIFIED ARBORIST, OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- NO CUTTING OR FILLING OF EXISTING GRADE, TRENCHING OR PRUNING SHALL OCCUR UNLESS SPECIFICALLY DIRECTED BY THE CONSTRUCTION DOCUMENTS, OR WITH WRITTEN CONSENT BY THE LANDSCAPE ARCHITECT AND OWNER.
- NO BURNING OF TRASH IS ALLOWED WITHIN 75' OF EXISTING TREES AND CARE SHALL BE TAKEN TO PREVENT ANY SMOKE DAMAGE TO TREES.

REV #	DATE	DESCRIPTION
1	08.07.23	ROLESVILLE 2ND REVIEW COMMENTS (CAA)
2	10.02.23	ROLESVILLE 3RD REVIEW COMMENTS (BCSC)
3	12.01.23	ROLESVILLE 1ST REVIEW COMMENTS (BCSC)
4	01.18.24	WAKE COUNTY EC SUBMITTAL (BCSC)
5	03.18.24	WAKE COUNTY EC SUBMITTAL 2 (BCSC)

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL TOWN OF WILSON MILLS, CLAYTON, JOHNSTON COUNTY AND NCDOT STANDARDS, SPECIFICATIONS AND DETAILS

FINAL DRAWING
FOR CONSTRUCTION



Bateman Civil Survey Company
Engineers • Surveyors • Planners
2524 Raliance Avenue, Apex, North Carolina 27539
Phone: 919.577.1080 Fax: 919.577.1081
NCBELS FIRM NO. C-2378

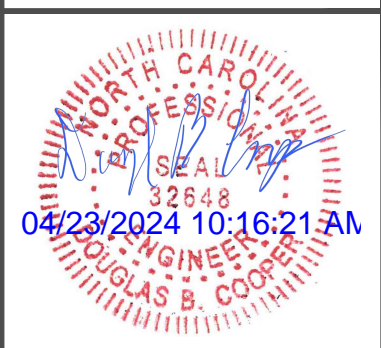


PRESERVE AT JONES DAIRY
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ROLESVILLE, NC 27571
WAKE COUNTY

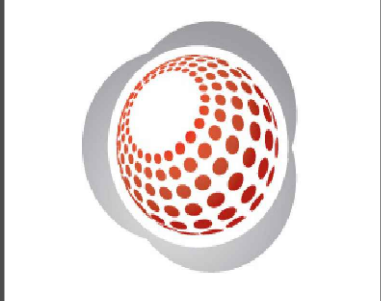
LANDSCAPE SCHEDULE / NOTES

Design By: **JMW**
Date: **10.02.23**
Project #: **P230462**

SHEET
L101



Bateman Civil Survey Company
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NCBELS FRM No. C-2376



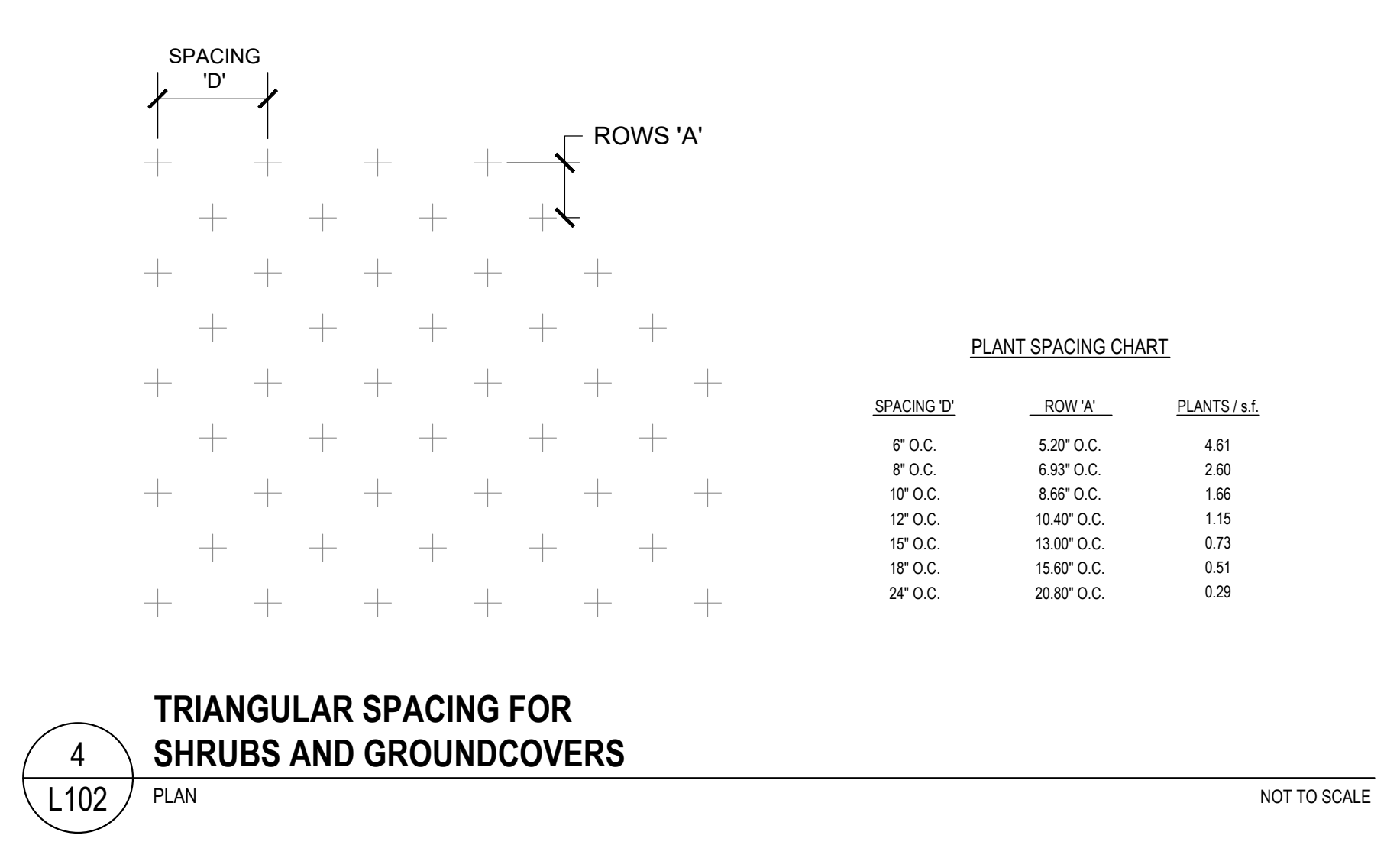
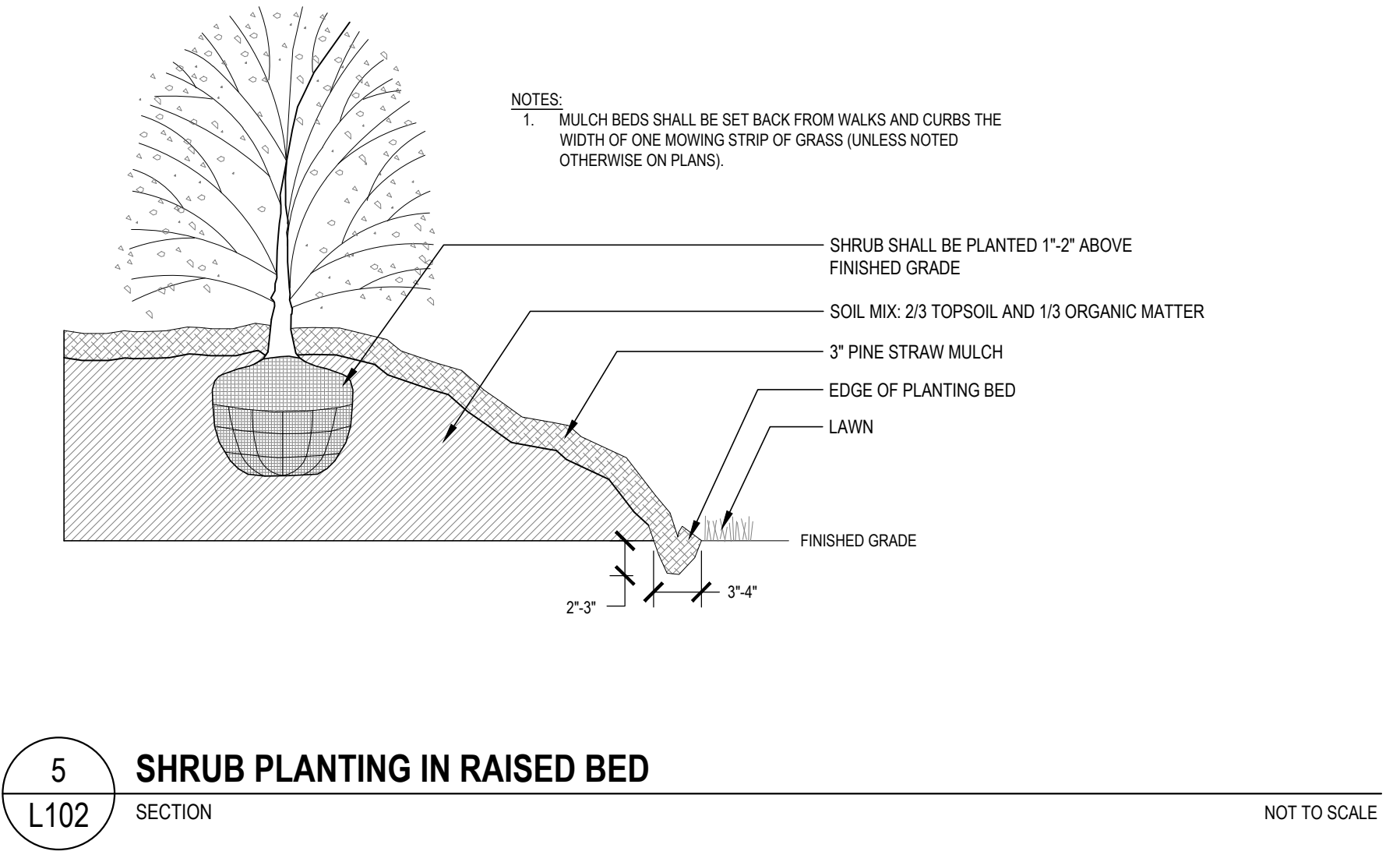
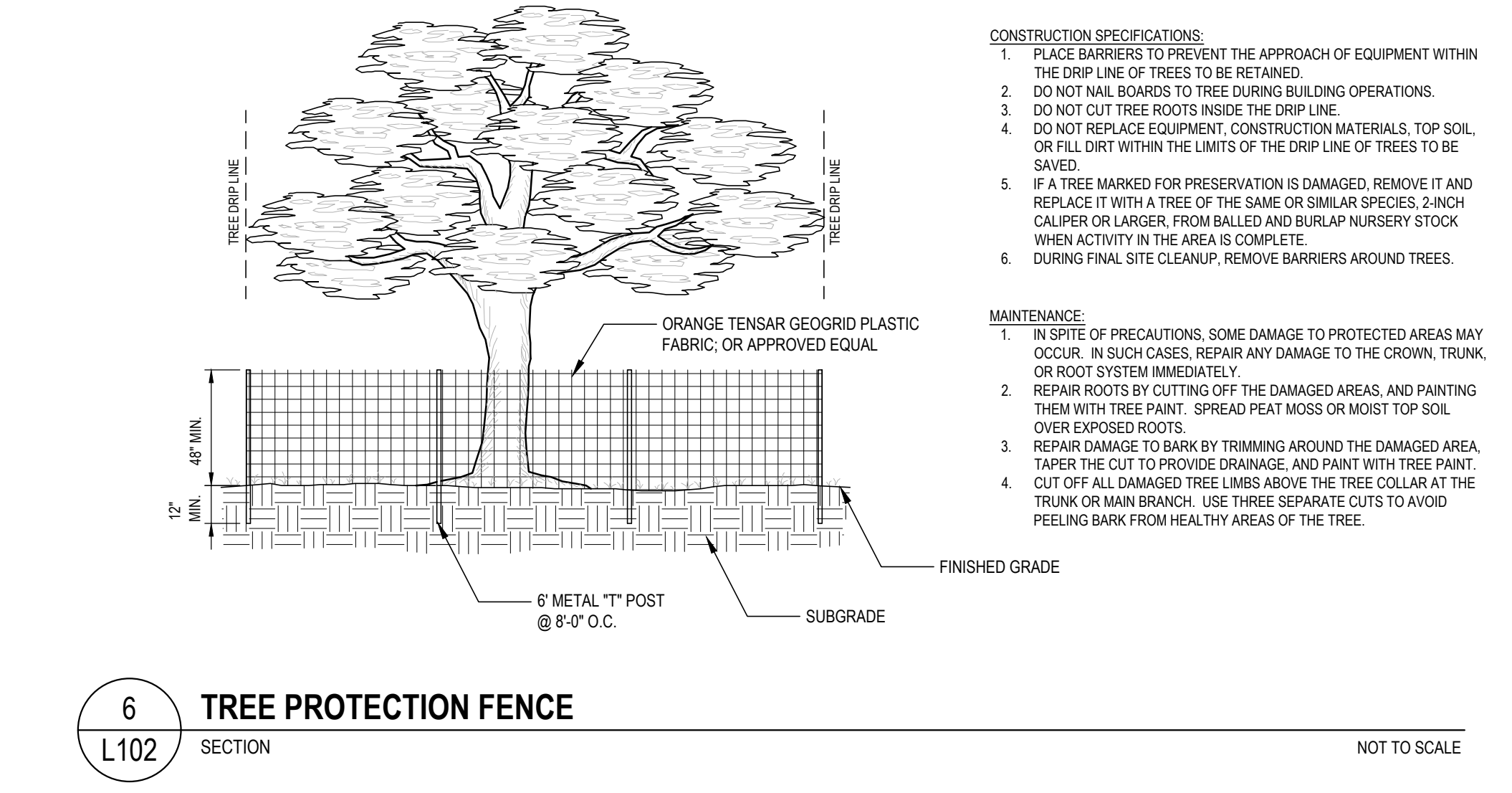
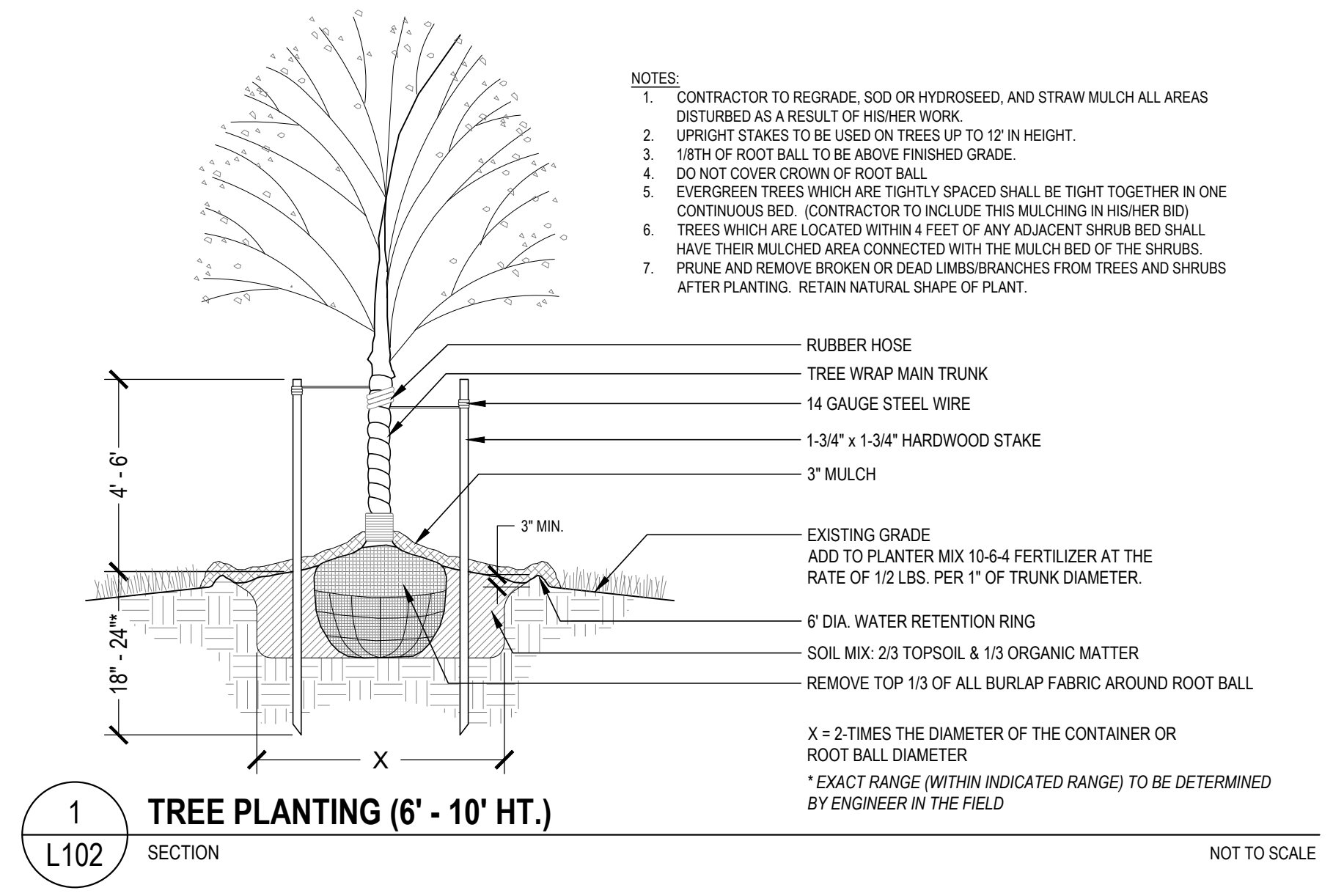
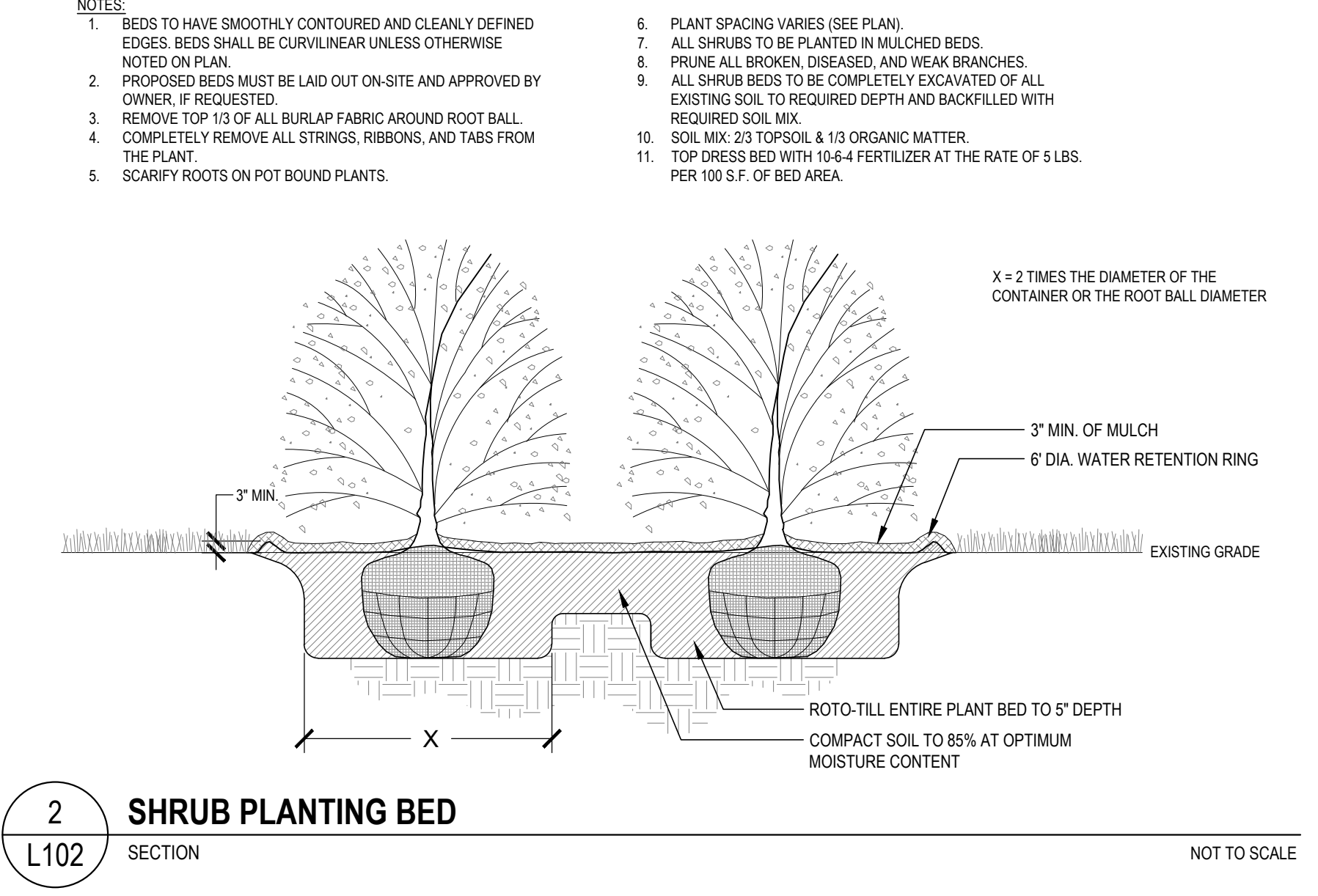
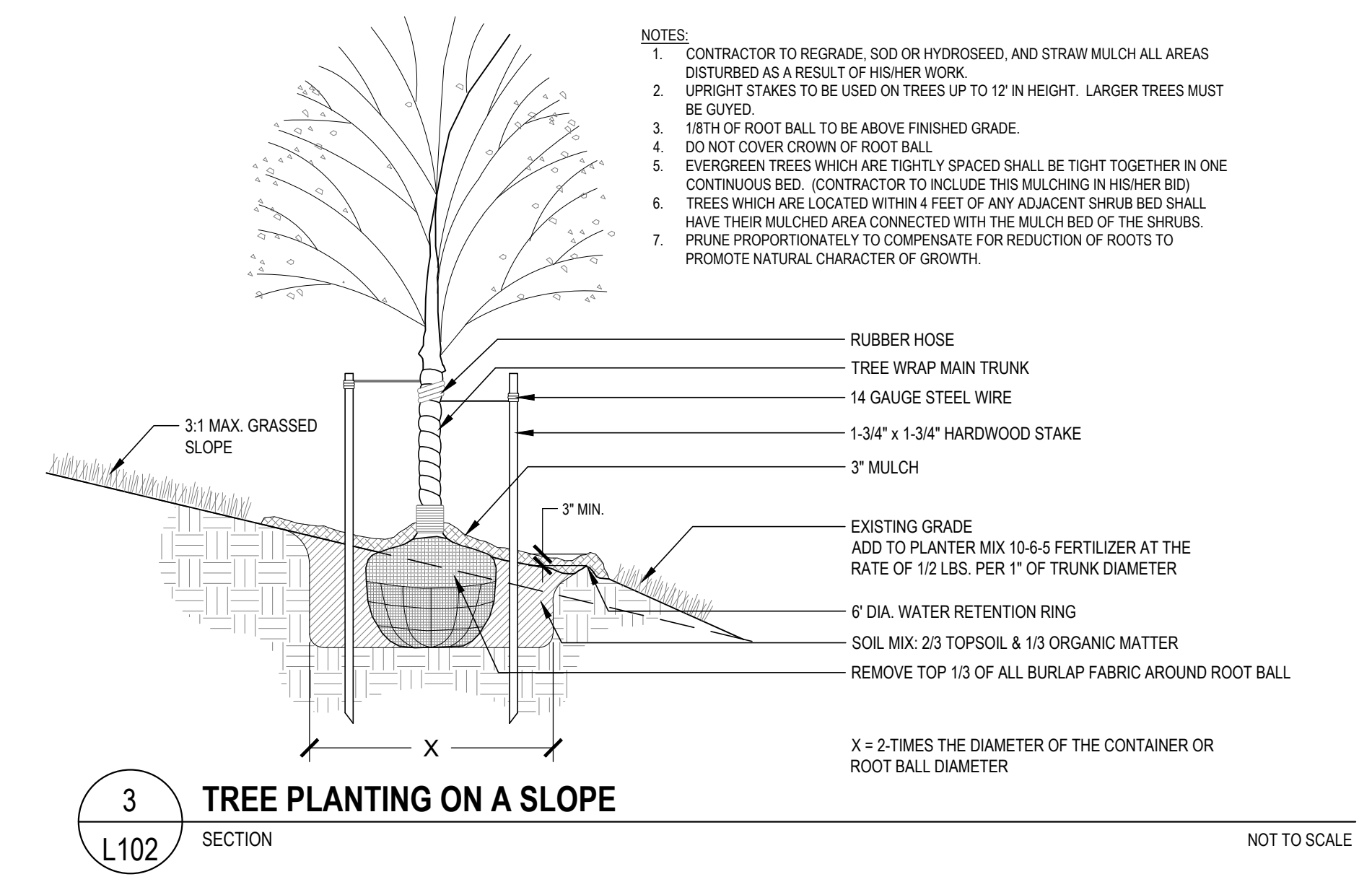
**PRESERVE AT JONES DAIRY
AMENITY SITE**
ROLESVILLE, NC 27571
WAKE COUNTY

LANDSCAPE DETAILS

Design By: **JMW**
Date: **10.02.23**
Project #: **P230462**

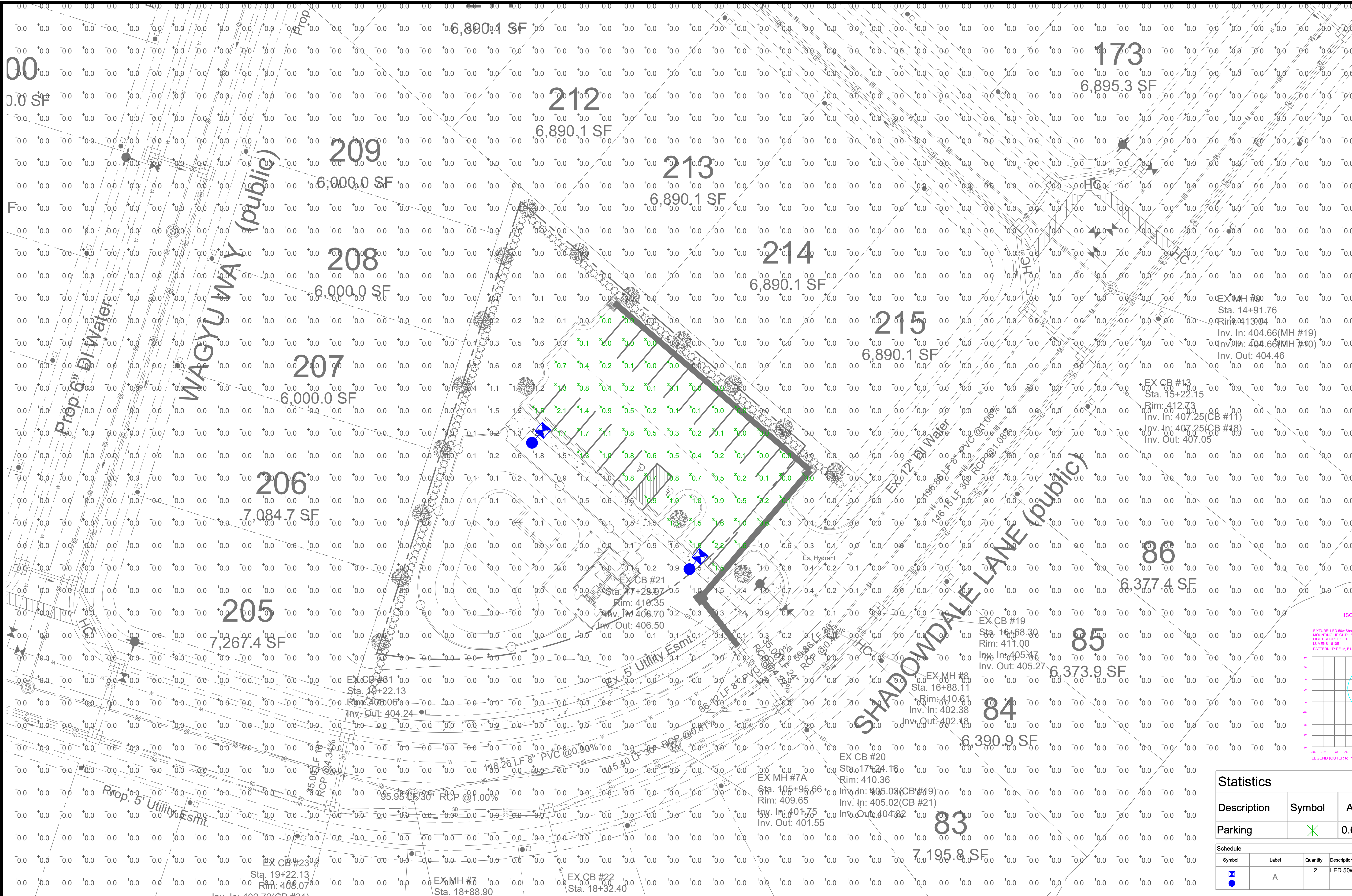
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ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL TOWN OF WILSON MILLS, CLAYTON, JOHNSTON COUNTY AND NCDOT STANDARDS, SPECIFICATIONS AND DETAILS



REV#	DATE	DESCRIPTION
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Outdoor Lighting

PEDESTRIAN SHOEBOX LED
(Meets Dark Sky Criteria)

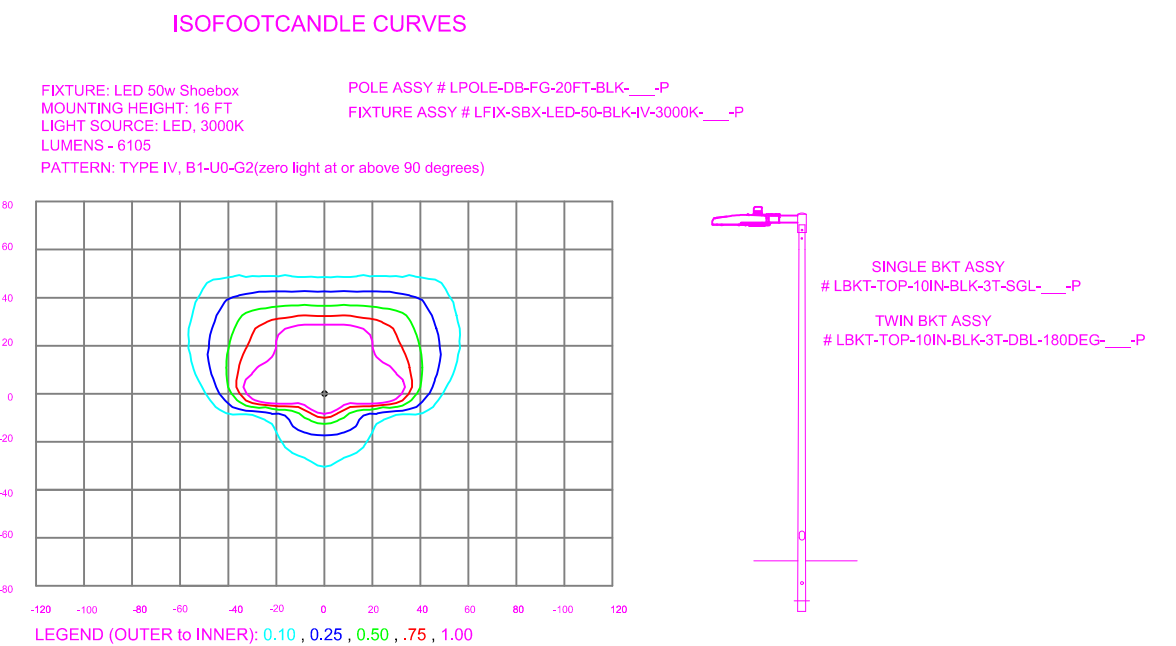
LED (Light-emitting diode) 50 watts
Mounting height 12' - 17'
Color Black
Pole Aluminum, Fiberglass, Concrete, Decorative aluminum
Applications Neighborhoods, Parks, Shopping centers

Light source: LED (white)
Wattage: 50 watts
Lumens: 6,100 (L6458)
Light pattern: EDNA Type IV
IESNA beam classification: Full cutoff
BUS rating: Type IV - B1UG2
Color temperature: 3,000K / 4,000K

POLE AVAILABLE | **MOUNTING HEIGHT** | **COLOR**
 Aluminum 12', 15', 17' | Black
 Fiberglass 16' | Black
 Fluted Concrete 13' | Black
 Decorative Aluminum 12', 16' | Black

FEATURES | **BENEFITS**
 Turnkey operation | Provides hassle-free installation and service
 Little or no installation cost | Frees up capital for other projects
 Design services by lighting professionals included | Meets industry standards and lighting ordinances
 Maintenance, electricity & warranty included | Eliminates high and unexpected repair bills
 One low monthly cost on your electric bill | Convenience and savings for you

For additional information, contact us at OOC@dukeenergypower.com
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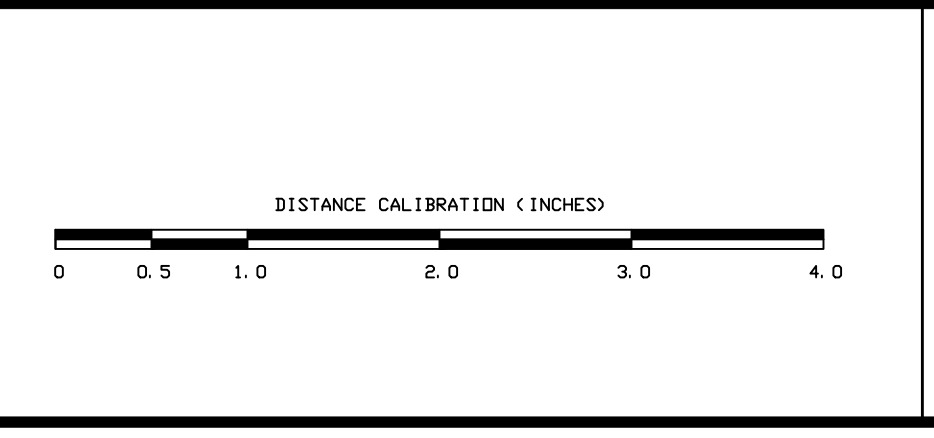
Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Parking	✕	0.6 fc	2.2 fc	0.0 fc	N/A	N/A

Schedule

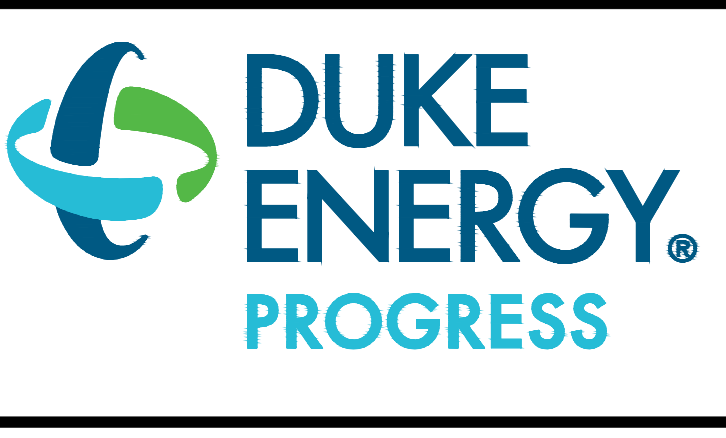
Symbol	Label	Quantity	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor
ⓘ	A	2	LED 50w Shoebox- Type IV - 3000K	16	382	0.85

NO.	DATE	REVISION	BY



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PRESERVE AT JONES DAIRY AMENITY
 Rolesville, NC

SITE LIGHTING ARRANGEMENT
 Designed by **DUKE ENERGY PROGRESS LIGHTING SOLUTIONS**
 Reviewed by N. Johnson Scale 1" = 20'
 Date 09/28/2023 Size Drawing size "D"
 Description LED Pedestrian Shoebox
 Drawing No. 23-0415A Sht. 1 OF 1