# DOMINO'S ZEBULON

## DOMINO'S **CONSTRUCTION DRAWINGS** ZEBULON, WAKE COUNTY, NORTH CAROLINA

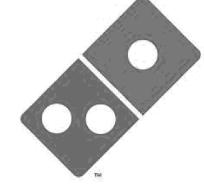
PROJECT INFO:	DOMINO'S ZEBULON 1000 HENDRICKS DR
MUNICIPALITY:	TOWN OF ZEBULON
NC PIN:	27-0600-6772
DEED REFERENCE:	DB 1924 PG 353 BM 2006 PG 2692
LOT AREA:	0.91 ACRES
OWNER:	JTSJ INC 9107 S TRYON ST STE F CHARLOTTE NC 28273-3125
ZONING:	HC- Heavy Commercial
ADJACENT ZONING:	HC- Heavy Commercial
PROPOSED USE:	RESTOURANT
PROPOSED GROSS FLOOR AREA:	2,428 SF
BUILDING HEIGHT:	N/A
IMPERVIOUS AREAS	
LOT AREA:	39,770 SF
EXISTING IMPERVIOUS:	0 SF
BUILDING (ROOF):	2,540 SF
ASPHALT AND C&G	16,502 SF
5' GRAVEL TRAIL	0 SF
CONCRETE:	1,369 SF
TOTAL IMPERVIOUS:	20,411 SF
LOT COVERAGE:	51.3%
SETBACKS	Minimum
FRONT	30 ft
SIDE	30 ft (10ft Parking Area Setback)
REAR	25 ft (10ft Parking Area Setback)
BUFFERYARD	Minimum / Notes
	10' wide evergreen bufferyard per Town of Zebulon, NC Land Development Ordinance
PARKING SUMMARY	
REQUIRED:	N/A
PROVIDED:	2 HC 20=TOTAL 22

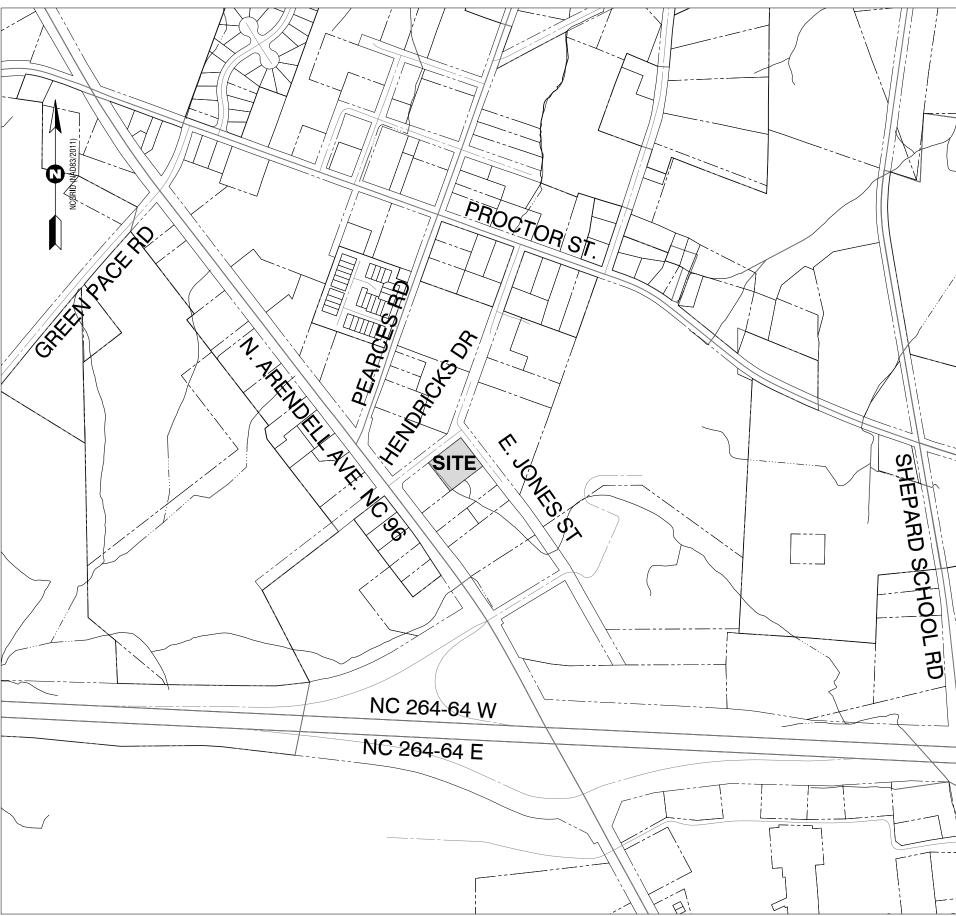
- CONTRACTOR MUST NOTIFY NORTH CAROLINA ONE-CALL CENTER, INC. (NC-811) AT LEAST 72 HOURS PRIOR TO THE START OF EXCAVATION TO HAVE ALL UNDERGROUND UTILITIES LOCATED PRIOR TO EXCAVATING OR TRENCHING.
- ELECTRIC AND TELEPHONE UTILITIES SHALL BE INSTALLED UNDERGROUND.
- ALL REQUIRED IMPROVEMENTS SHALL COMPLY WITH THE TOWN OF ZEBULON MANUAL OF STANDARD DESIGNS AND DETAILS AND THE MANUAL FOR THE DESIGN AND CONSTRUCTION OF 13. ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED. WATER AND WASTEWATER SYSTEM EXTENSIONS FOR GREENVILLE UTILITIES COMMISSION.
- CONSTRUCTION PLAN APPROVAL FROM RALEIGH UTILITIES COMMISSION AND THE CITY OF RALEIGH SHALL BE OBTAINED PRIOR TO CONSTRUCTION OF ANY STREET, WATER, AND/OR SANITARY SEWER AND STORM DRAINAGE SYSTEMS.
- THIS SITE IS LOCATED IN A ZONE 'X' (AREA DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE 100 YEAR FLOODPLAIN) AS IDENTIFIED BY FEMA FLOOD INSURANCE RATE MAP 3720270600K, EFFECTIVE JULY 7, 2022.
- EROSION CONTROL PLAN APPROVAL REQUIRED NOT REQUIRED LESS 1 ACRES
- 7. STORMWATER MANAGEMENT PLAN APPROVAL REQUIRED NOT REQUIRED LESS 1 ACRES
- 8. BUILDINGS MUST MEET ALL APPLICABLE BUILDING CODES. SITE SHALL MEET ALL RELATIVE NORTH CAROLINA ACCESSIBILITY CODE REQUIREMENTS.



CALL BEFORE YOU DIG! WWW.NC811.ORG N.C. ONE-CALL CENTER IT'S THE LAW!

- 9. NCDOT AND TOWN OF ZEBULON DRIVEWAY PERMITS ARE NOT REQUIRED.
- 10. ANY UNUSED DRIVEWAY SHALL BE CLOSED IN ACCORDANCE WITH TOWN OF ZEBULON DRIVEWAY ORDINANCE.
- 11. REFUSE COLLECTION SHALL BE PROVIDED BY PRIVATE CONTRACTOR.
- 14. APPROVAL OF SITE PLAN DOES NOT CONSTITUTE APPROVAL OF SIGNS. SEPARATE SIGN PERMITS ARE REQUIRED.
- MAKING CONNECTIONS TO EXISTING STORM DRAINS LOCATED WITHIN PUBLIC STORM DRAINAGE EASEMENTS OR R/W.
- 16. ACCESS TO PUBLIC UTILITIES MUST BE MADE AVAILABLE AT ALL TIMES.
- 17. ZEBULON ELECTRIC EASEMENT IS 10' IN WIDTH AND CENTERED OVER ELECTRIC LINES AS INSTALLED.
- 18. NO BUILDINGS, STRUCTURES OR OTHER IMPROVEMENTS, MATERIALS AND SURFACES, INCLUDING BUT NOT LIMITED TO PRINCIPLE AND ACCESSORY STRUCTURES AND ADDITIONS AND APPURTENANCES THERETO, SIGNAGE, FENCES, WALLS, MECHANICAL EQUIPMENT, CANOPIES, ANTENNAS, MASTS, DEBRIS, SOLID WASTE COLLECTION CONTAINERS, MAIL RECEPTACLES AND IMPERVIOUS SURFACES SHALL ENCROACH WITHIN ANY DEDICATED





## VICINITY MAP

1" = 500'

EASEMENT WITHOUT PRIOR APPROVAL OF RALEIGH UTILITIES OR CITY OF RALEIGH, AS APPROPRIATE.

- *19. THIS SITE DOES NOT REQUIRE ANNEXATION UPON APPROVAL OF SITE PLAN.*
- 20. LANE CLOSURES ON THOROUGHFARE ROADS ARE ONLY PERMITTED BETWEEN THE HOURS OF 9:00AM AND 4:00PM, MONDAY THROUGH FRIDAY, UNLESS OTHERWISE PERMITTED BY THE TRAFFIC ENGINEER IN ADDITION , THERE WILL BE NO LANE CLOSURES ON HOLIDAYS INCLUDING THE DAY BEFORE OR AFTER SAID HOLIDAY. A TRAFFIC CONTROL PLAN PREPARED IN ACCORDANCE WITH THE NCDOT MANUAL OF UNIFORM TRAFFIC CONTROL DEVISES IS REQUIRED FOR ALL LANE CLOSURES AND MUST BE APPROVED BY THE TRAFFIC ENGINEER.
- 15. CONTRACTOR SHALL NOTIFY PUBLIC WORKS STREET MAINTENANCE DIVISION 48 HOURS PRIOR TO 21. ALL SITE LIGHTING SHALL COMPLY WITH THE TOWN OF ZEBULON LIGHTING STANDARD.
  - 22. NEW BUILDINGS MUST COMPLY WITH NC FIRE CODE SECTION 510-EMERGENCY RESPONDER RADIO COVERAGE.
  - 23. PLEASE BE ADVISED OF THE RULES WHICH PROTECT AND MAINTAIN EXISTING BUFFERS ALONG WATERCOURSES IN THE NEUSE RIVER BASINS. THIS RULE IS ENFORCED BY THE DIVISION OF WATER QUALITY (DWQ). DIRECT ANY QUESTIONS ABOUT THE APPLICABILITY OF THIS RULE TO YOUR PROJECT TO ROGER THORPE, REGIONAL WATER QUALITY SUPERVISOR, WASHINGTON REGIONAL OFFICE, AT (919) 946-6481.

## **CIVIL ENGINEER**

Rivers & Associates, Inc. Greenville, NC



107 East Second Street Greenville, NC 27858 (252) 752-4135

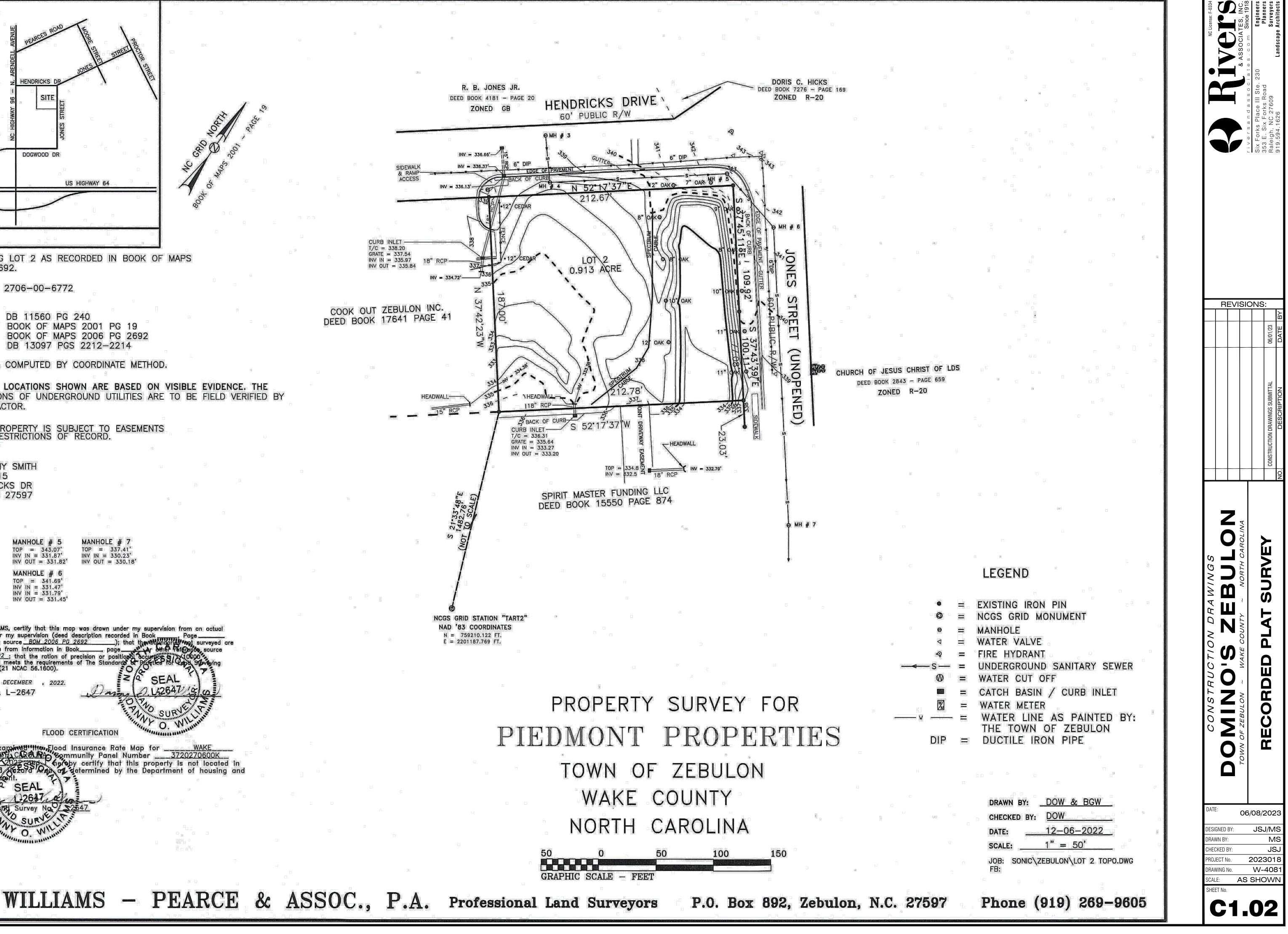
Contact: Steve Janowski, PE sjanowski@riversandassociates.com

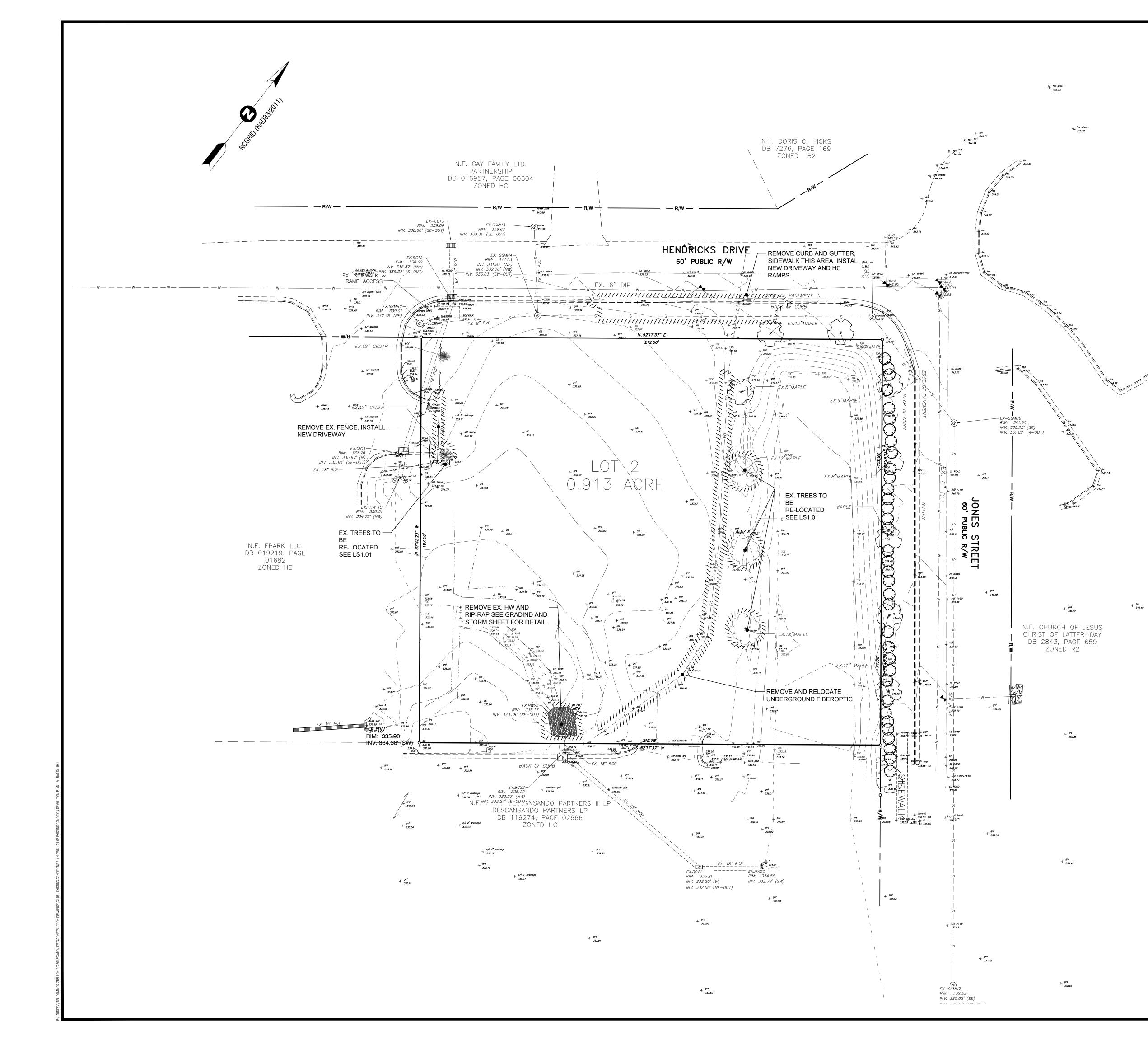
		NC License: F-0334	riversandassociates com Since 1918 Six Forks Place III Ste. 230 Engineers 353 E. Six Forks Road Planners Raleigh, NC 27609 Surveyors 919.594.1626 Landscape Architects
	et List Table	REVIS	CAROLANA SSIONS: N JANOUNIN SIONS: BLACK
ber	Sheet Title COVER RECORDED PLAT SURVEY EXISTING CONDITION DEMOLITION PLAN SITE PLAN SITE DETAILS SITE DETAILS UTILITY PLAN UTILITY DETAILS		CONSTRUCTION DRAWINGS SUBMITTAL DESCRIPTION
19	UTILITY DETAILS STORMWATER AND GRADING PLAN STORM DETAILS LANDSCAPE PLAN LANDSCAPE NOTES AND DETAILS VELOPER/ARCH BRIAN GADDIS ARCHITECTS 00 Abbott Street / Suite 103	CONSTRUCTION DRAWINGS	COVER - WAKE COUNTY - NORTH CAROLINA
	narlotte, North Carolina 28203 704-335-1292 www.begarchitect.com	DESIGNED BY: DRAWN BY: CHECKED BY: PROJECT No. DRAWING No.	06/08/2023 JSJ/MS MS JSJ 2023018 W-4081 AS SHOWN

She	et List Table
Sheet Number	Sheet Title
C1.01	COVER
C1.02	RECORDED PLAT SURVEY
C1.03	EXISTING CONDITION DEMOLITION PLAN
C2.01	SITE PLAN
C2.10	SITE DETAILS
C2.11	SITE DETAILS
C3.01	UTILITY PLAN
C3.10	UTILITY DETAILS
C3.11	UTILITY DETAILS
C4.01	STORMWATER AND GRADING PLAN
C4.10	STORM DETAILS
C4.11	STORM DETAILS
L1.01	LANDSCAPE PLAN
L1.02	LANDSCAPE NOTES AND DETAILS

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH TOWN OF ZEBULON, NCDOT & NCDEQ STANDARDS, SPECIFICATIONS AND DETAILS.

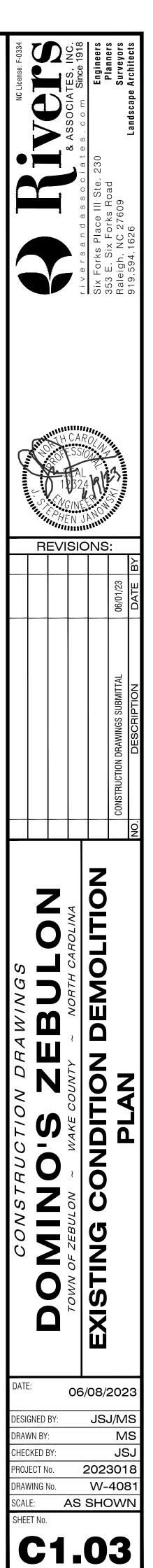
HENDRICKS DOGWOOD DR US HIGHWAY 64 NOTE: BEING LOT 2 AS RECORDED IN BOOK OF MAPS 2006 PAGE 2692. NOTE: PIN # 2706-00-6772 **REFERENCE:** DB 11560 PG 240 BOOK OF MAPS 2001 PG 19 BOOK OF MAPS 2006 PG 2692 DB 13097 PGS 2212-2214 NOTE: AREA COMPUTED BY COORDINATE METHOD NOTE: UTILITY LOCATIONS SHOWN ARE BASED ON VISIBLE EVIDENCE. THE LOCATIONS OF UNDERGROUND UTILITIES ARE TO BE FIELD VERIFIED BY CONTRACTOR. NOTE: THIS PROPERTY IS SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD. OWNER: TONY & KATHY SMITH P 0 BOX 1215 1000 HENDRICKS DR ZEBULON, NC 27597 ZONED HC MANHOLE # 3 TOP = 340.03' INV OUT = 333.31' MANHOLE # 7 MANHOLE # 5 TOP = 343.07'TOP = 337.41' INV IN = 331.87' INV IN = 330.23'INV OUT = 331.82'INV OUT = 330,18 MANHOLE # 4 MANHOLE # 6 TOP = 338.65' INV IN = 332.76' INV OUT = 332.71' TOP = 341.69' INV IN = 331.47' INV IN = 331.79' INV OUT = 331.45 I, DANNY O. WILLIAMS, certify that this map was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book or other reference source BOM 2006 PG 2692 BOM 2006 PG 2692 ; that the ration of precision or positional occurred S/1000 and that this map meets the requirements of The Standards of Provides for Capa S in North Carolina (21 NCAC 56.1600). SEAL This 6TH day of DECEMBER , 2022. P. L. S. L-2647 FLOOD CERTIFICATION I have examined into Flood Insurance Rate Map for <u>WAKE</u> County, <u>NOBILE CAROLINA</u> community Panel Number <u>3720270600K</u> dated JULY 19 2022 and hereby certify that this property is not located in a Special Rood, Hozard Arap, or determined by the Department of housing and Urban Development. SEAL Drama U2647 Court Professional Jand Survey No <u>2547</u> 





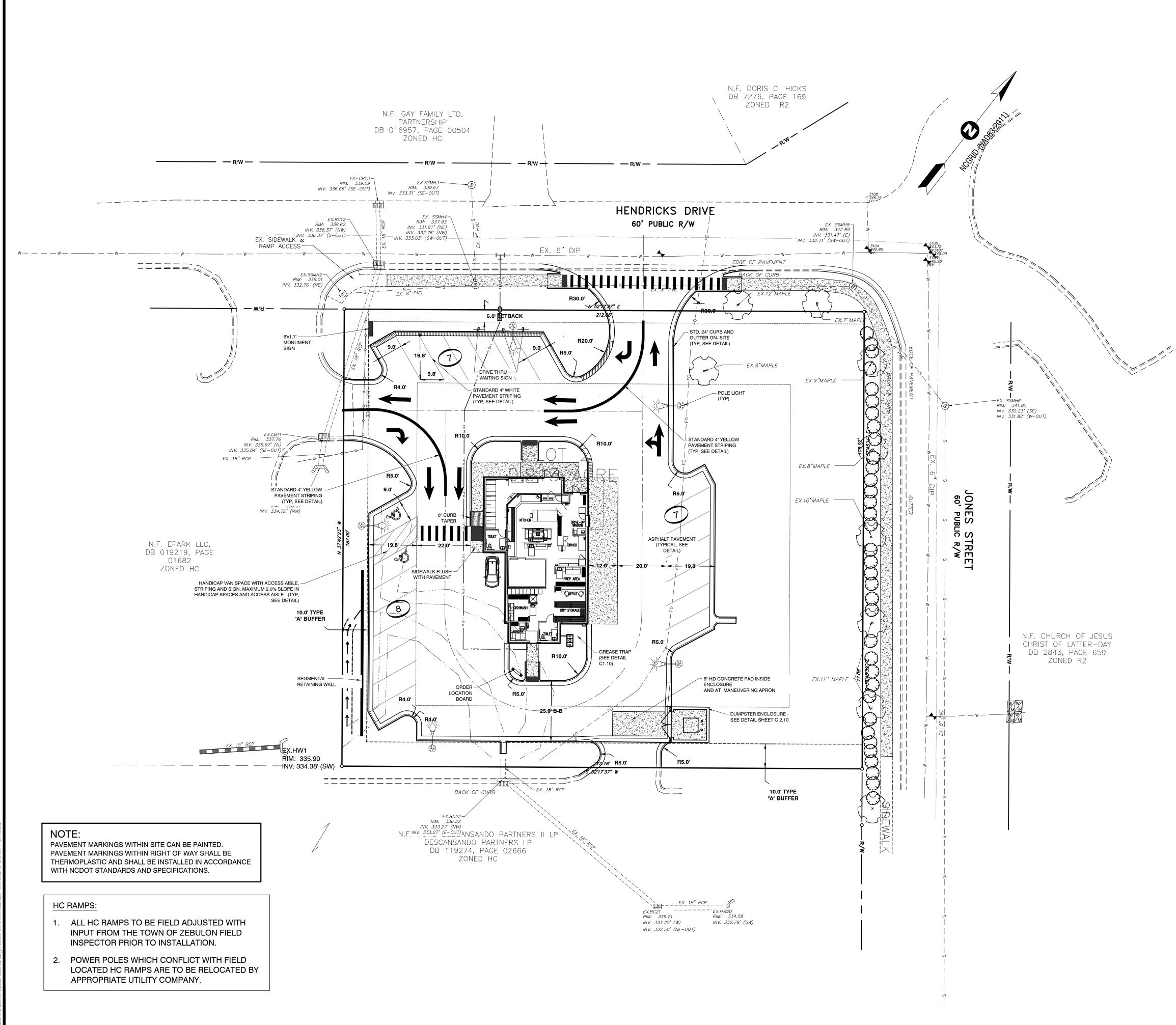
#### NOTES:

- BOUNDARY, TOPOGRAPHIC AND PLANIMETRIC FEATURES SHOWN ARE FROM A FIELD SURVEY PERFORMED BY WILLIAMS - PEARCE & ASSOC., P.A. PROFESSIONAL LAND SURVEYORS P.O. BOX 892, ZEBULON, N.C. 27597 PHONE (919) 269-9605 PROPERTY SURVEY FOR: PIEDMONT PROPERTIES ON 12/06/2022.
- 2. PER FEMA FIRM MAP 3720466000L DATED 7/7/14, THIS PROJECT IS IN ZONE X AND THEREFORE THERE IS NO REGULATORY FLOODPLAIN LOCATED ON THIS PROPERTY.
- 3. WETLANDS, STREAMS & ASSOCIATED BUFFERS TO BE DETERMINED.



CALL BEFORE YOU DIG! WWW.NC811.0RG N.C. ONE-CALL CENTER IT'S THE LAW!

20' 0 10' 20'
SCALE 1 inch = 20 ft

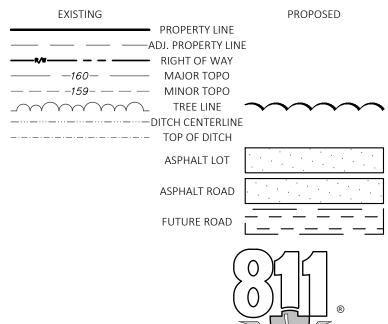


J-DOMINOS-ZEBULON-2023018)(CADD\ DWG)CONSTRUCTION DRAWINGS\C2.01 - SITE PLAN.DWG - SITE PLAN - MURAT SALIHU

	PROJECT INFO: DOMINOES ZEBULON 1000 HENDRICKS DR
$\neg$	MUNICIPALITY: TOWN OF ZEBULON
	NC PIN: 27-0600-6772
	DEED REFERENCE: DB 1924 PG 353 BM 2006 PG 2692
	LOT AREA: 0.91 ACRES
	JTSJ INC OWNER: 9107 S TRYON ST STE F CHARLOTTE NC 28273-3125
	ZONING: HC- Heavy Commercial
	ADJACENT ZONING: HC- Heavy Commercial
	PROPOSED USE: RESTOURANT
	POSED GROSS FLOOR AREA: 2,428 SF
	BUILDING HEIGHT: N/A
	IMPERVIOUS AREAS
	LOT AREA: 39,770 SF
	XISTING IMPERVIOUS: 0 SF
	BUILDING (ROOF): 2,540 SF
	ASPHALT AND C&G 16,502 SF
	5' GRAVEL TRAIL 0 SF
	CONCRETE: 1,369 SF
	TOTAL IMPERVIOUS: 20,411 SF
	LOT COVERAGE: 51.3%
-	SETBACKS Minimum
	FRONT 30 ft
	SIDE 30 ft (10ft Parking Area Setback)
	REAR 25 ft (10ft Parking Area Setback)
	BUFFERYARD Minimum / Notes
	10' wide evergreen bufferyard per Town of Zebulon, NC Land Development Ordinance
	PARKING SUMMARY
	REQUIRED: N/A

GENERAL NOTES:

- ALL SITE WORK SHALL BE DONE IN ACCORDANCE WITH THE PLANS PREPARED BY RIVERS AND ASSOCIATES, INC., THE CURRENT REQUIREMENTS OF THE CITY/TOWN OF CLINTON, THE APPLICABLE SECTIONS OF THE NCDOT STANDARD SPECIFICATIONS FOR ROADWAY CONSTRUCTION, AND ALL OTHER PERTINENT FEDERAL, STATE AND LOCAL LAWS.
- 2. THE CONTRACTOR SHALL COMPLY AT ALL TIMES WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, PROVISIONS, AND POLICIES GOVERNING SAFETY AND HEALTH, INCLUDING THE FEDERAL CONSTRUCTION SAFETY ACT (PUBLIC LAW 91-54), FEDERAL REGISTER, CHAPTER XVII, PART 1926 OF TITLE 29 REGULATIONS, OCCUPATIONAL SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION, AND SUBSEQUENT PUBLICATIONS UPDATING THESE REGULATIONS.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING THE AREAS AND CONDITIONS UNDER WHICH THE PROJECT IS TO BE CONSTRUCTED PRIOR TO THE SUBMISSION OF A BID. SUBMISSION OF A BID SHALL BE CONSTRUED TO MEAN THE CONTRACTOR HAS REVIEWED THE SITE AND IS FAMILIAR WITH CONDITIONS AND CONSTRAINTS OF THE SITE.
- BEFORE EXCAVATION, ALL UNDERGROUND UTILITIES SHALL BE LOCATED IN THE FIELD BY THE PROPER AUTHORITIES. THE CONTRACTOR SHALL NOTIFY N.C. ONE CALL AT 1-800-632-4949. THE LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES ARE APPROXIMATE AND MAY NOT ALL BE SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND EXACT LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES.
   CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT PRIOR TO INITIATION OF ANY
- EARTHWORK ACTIVITY. 6. CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL PLAN - TO BE SUBMITTED TO AND APPROVED BY NCDOT AND THE CITY/TOWN OF CLINTON.
- CONTRACTOR SHALL NOTIFY PUBLIC WORKS STREET MAINTENANCE DIVISION 48 HOURS PRIOR TO MAKING CONNECTIONS TO EXISTING STORM DRAINS LOCATED WITHIN PUBLIC STORM DRAINAGE EASEMENTS OR R/W.
- REFER TO C1.02 FOR SURVEY CONTROL INFORMATION.
   CONTRACTOR SHALL REFER TO OTHER PLANS WITHIN THIS CONSTRUCTION SET FOR OTHER PERTINENT INFORMATION.
- PER FEMA FIRM MAP 3720466000L DATED 7/7/14, THIS PROJECT IS IN ZONE X AND THEREFORE THERE IS NO REGULATORY FLOODPLAIN LOCATED ON THIS PROPERTY.
   NO BUILDINGS, STRUCTURES OR OTHER IMPROVEMENTS, MATERIALS AND SURFACES,
- INO BOLINIGS, STRUCTORES ON OTHER INFORMENTS, MARLENS, MARLES AND INCLUDING BUT NOT LIMITED TO PRINCIPLE AND ACCESSORY STRUCTURES AND ADDITIONS AND APPURTENANCES THERETO, SIGNAGE, FENCES, WALLS, MECHANICAL EQUIPMENT, CANOPIES, ANNTENNAS, MASTS, DEBRIS, SOLID WASTE COLLECTION CONTAINERS, MAIL RECEPTACLES, AND IMPERVIOUS SURFACES SHALL NOT ENCROACH WITHIN ANY DEDICATED EASEMENT WITHOUT PRIOR APPROVAL OF CITY/TOWN OF CLINTON PUBLIC UTILITIES DEPARTMENT.
   SOIL EROSION AND SEDIMENTATION CONTROL PLAN IS NOT APPLICABLE, THE SITE
- SOLE EROSION AND SEDIMENTATION CONTROL PLAN IS NOT APPLICABLE, THE SITE DISTURBANCE IS LAST THAN ONE ACRE.
   WETLANDS ARE VALUABLE NATURAL RESOURCES THAT PROVIDE IMPORTANT ECOLOGICAL FUNCTIONS. BE ADVISED THAT ACTIVITIES IN WETLANDS ARE REGULATED BY
- THE FEDERAL GOVERNMENT UNDER SECTION 404 OF THE CLEAN WATER ACT. JURISDICTIONAL WETLANDS MAY INCLUDE THE PINE-SHRUB POCOSINS THAT ARE COMMON IN THIS REGION. IF ANY PRIVATE LAND OWNER, DEVELOPER, CORPORATION, OR OTHER PERSON PROPOSES TO UNDERTAKE CONSTRUCTION/FILLING ACTIVITIES IN OR NEAR A LAKE, STREAM, CREEK TRIBUTARY OR ANY UNNAMED BODY OF WATER INCLUDING ITS ADJACENT WETLANDS, FEDERAL PERMIT AUTHORIZATION MAY BE REQUIRED FROM THE U.S. ARMY CORPS OF ENGINEERS PRIOR TO COMMENCEMENT OF SUCH LAND-DISTURBING ACTIVITIES. PLEASE CONTACT MS. TRACY WHEELER, TELEPHONE (252) 975-1616 FOR A WETLAND DETERMINATION AND INFORMATION REGARDING SPECIFIC PERMIT REQUIREMENTS. WETLANDS DETERMINATION PENDING, BY OTHERS.
- APPROVAL OF SITE PLAN DOES NOT CONSTITUTE APPROVAL OF SIGNS. SEPARATE SIGN PERMITS ARE REQUIRED.
   ALL SLOPES SHALL BE 3:1 (HORIZONTAL:VERTICAL) MAXIMUM UNLESS NOTED
- ALL SECTION OF A STATE OF STATE OF A STATE
- SITE SPECIFICATIONS OR INSTRUCTED BY THE OWNER.
   CONTRACTOR SHALL CONTACT THE FOLLOWING NCDOT OFFICE PRIOR TO BEGINNING WORK WITHIN RIGHT OF WAY (MIN. 5 DAYS NOTICE REQUIRED): SAMPSON COUNTY
- DISTRICT ENGINEER'S OFFICE (910)682-5100. 10. ALL REQUIRED IMPROVEMENTS SHALL COMPLY WITH THE SAMPSON COUNTY ZONING ORDINANCE
- REFUSE COLLECTION SHALL BE PROVIDED BY PRIVATE CONTRACTOR.
   CONSTRUCTION OF ROADWAY EXTENSION BY OTHERS
- CONSTRUCTION OF ROADWAT EXTENSION BY OTHERS
   CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING A CONSTRUCTION ACCESS ROAD A MINIMUM OF 15' WIDE FROM THE EXISTING PAVEMENT TO THE SITE ENTRANCE. INSTALL A MINIMUM DEPTH OF 6" CABC.

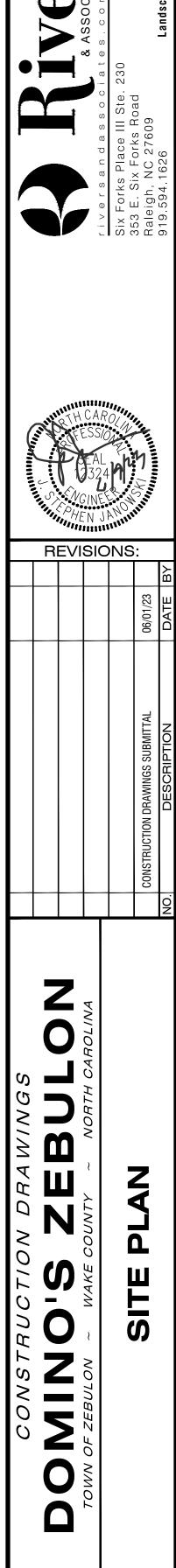




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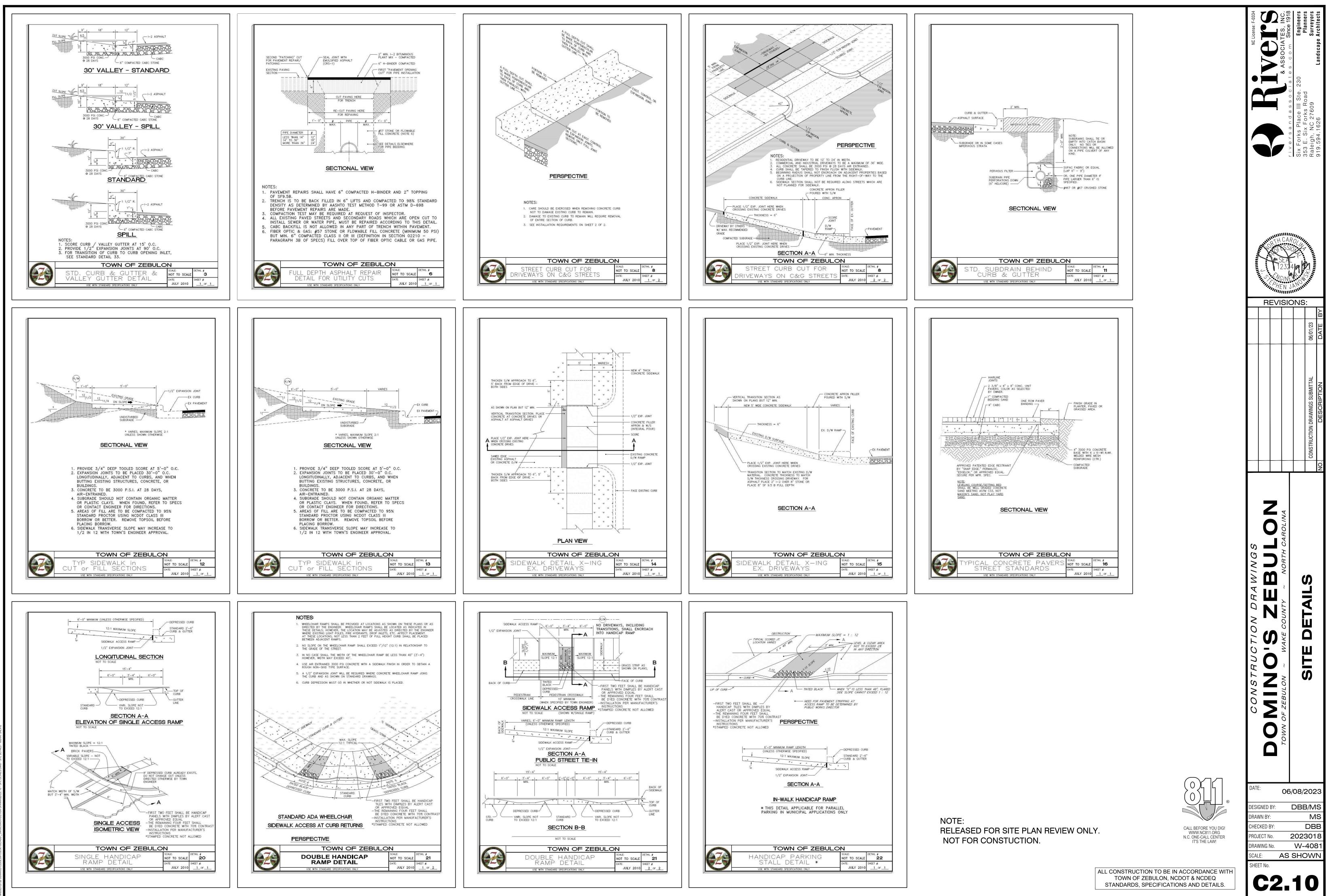
**SCALE** 1 inch = 20 ft

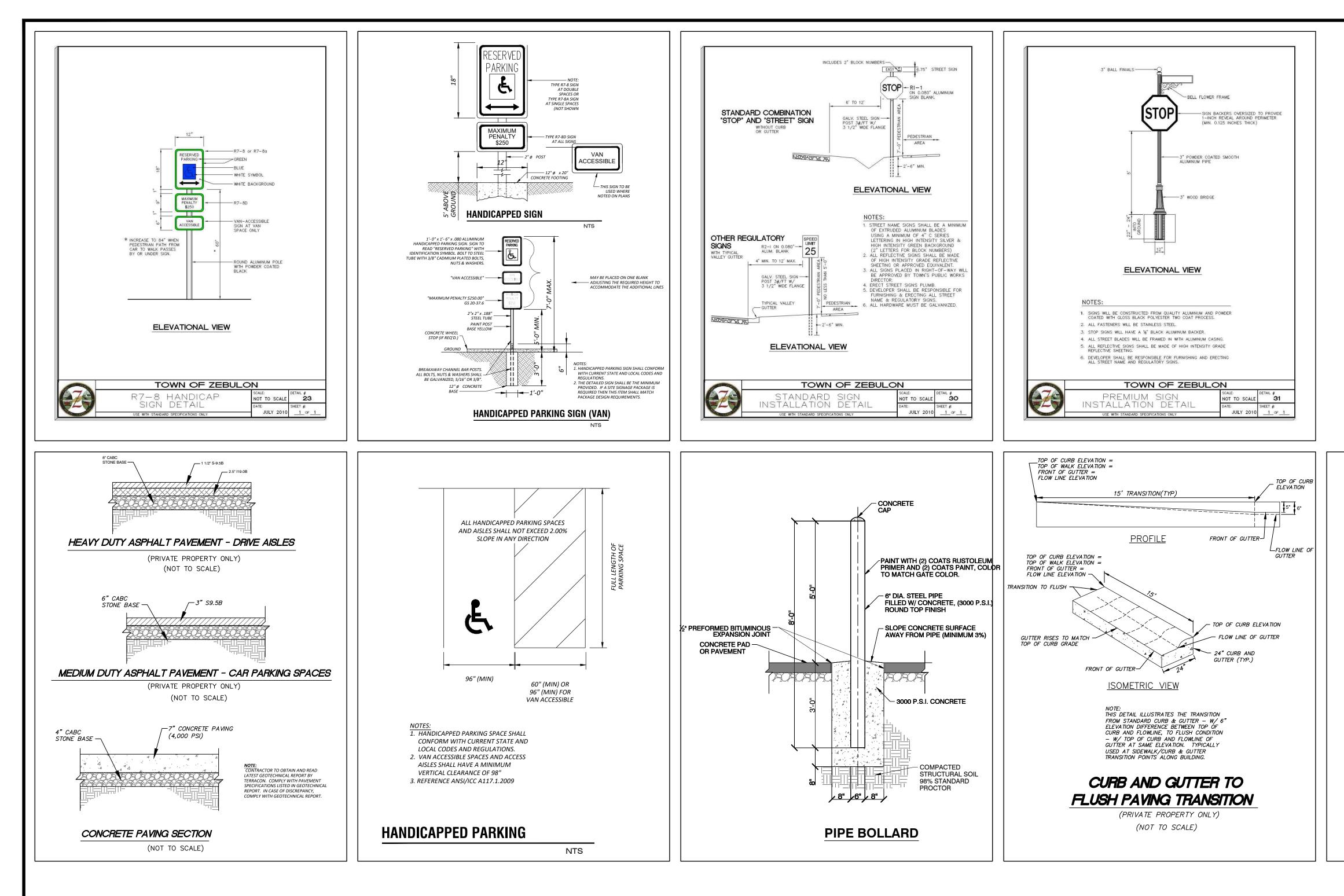
10' 20'



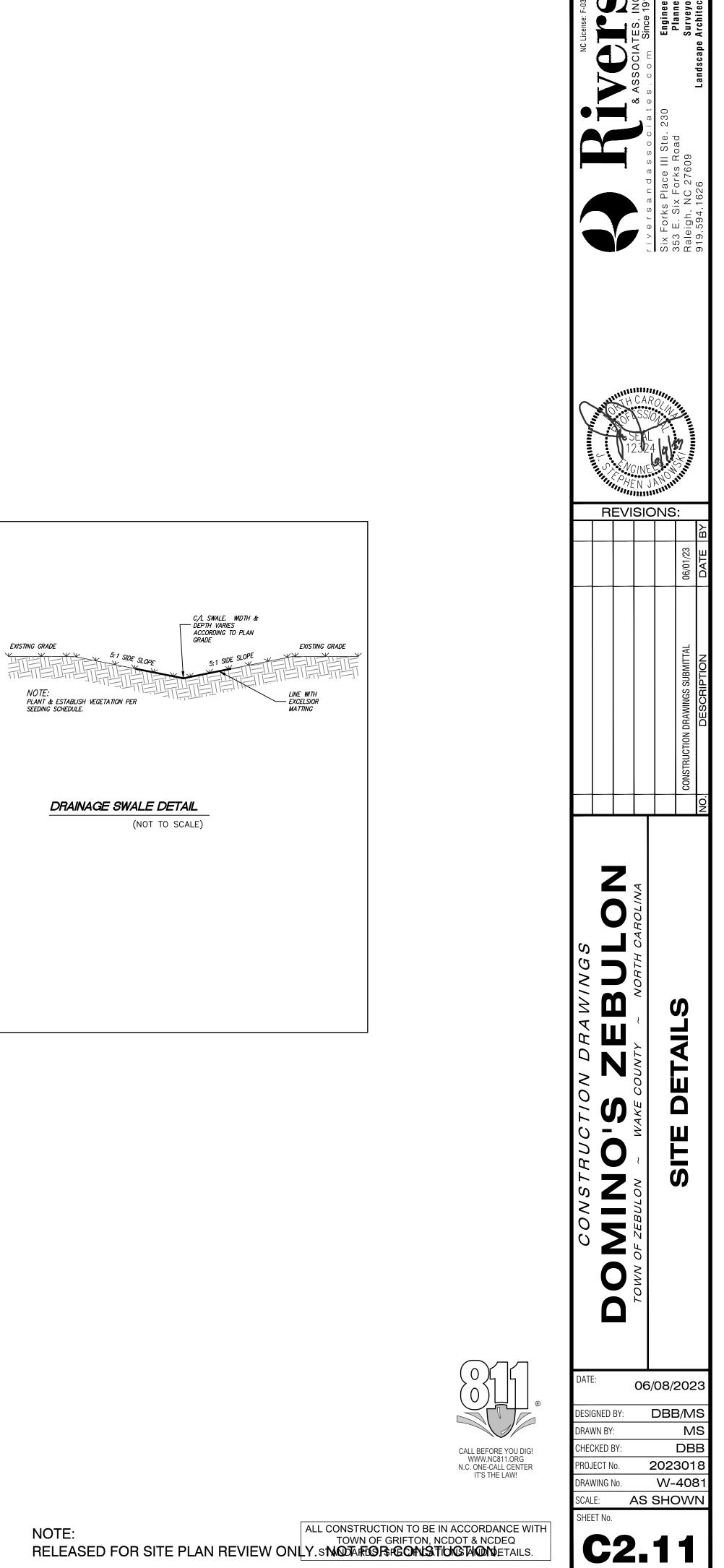
DATE: 06/08/2023 DESIGNED BY: JSJ/MS DRAWN BY: MS CHECKED BY: JSJ PROJECT No. 2023018 DRAWING No. W-4081 SCALE: AS SHOWN SHEET No.

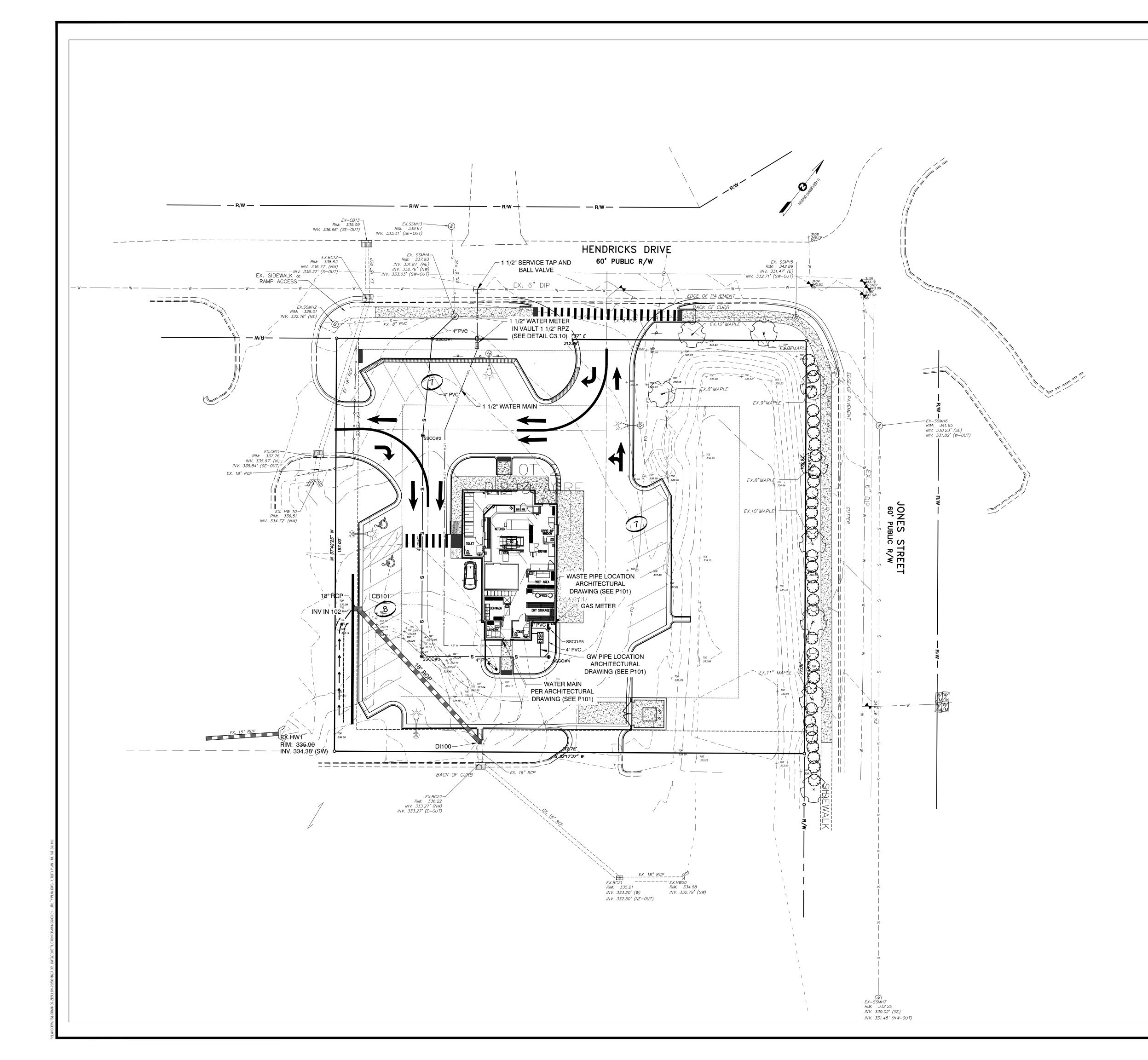
**C2.0**<sup>•</sup>











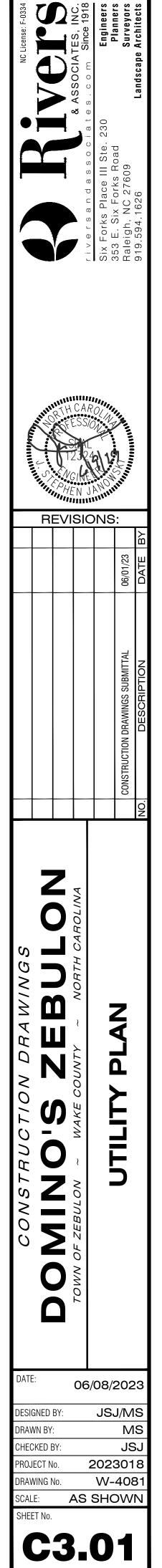
#### NOTES:

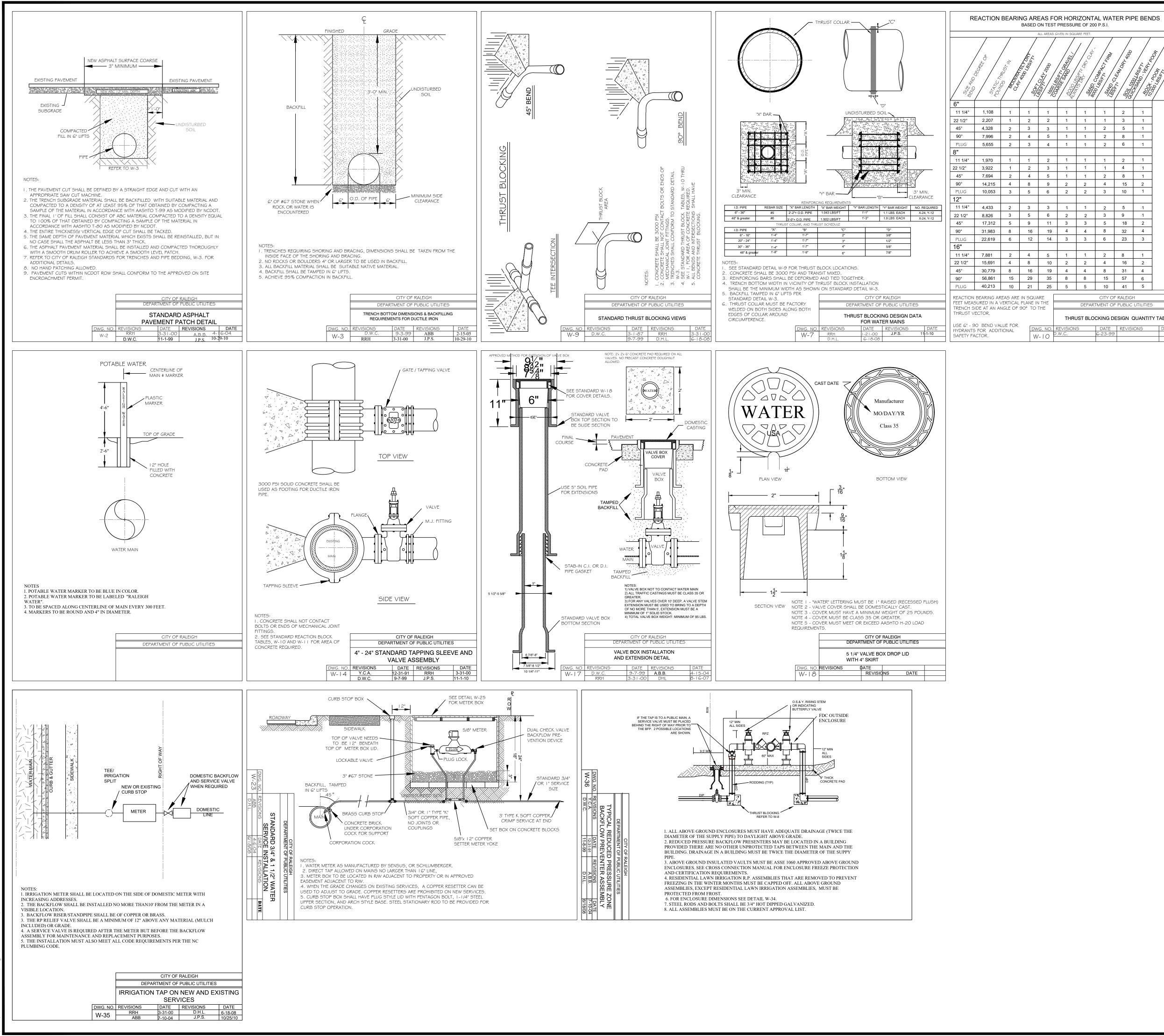
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- 3. WETLANDS, STREAMS & ASSOCIATED BUFFERS TO BE DETERMINED.

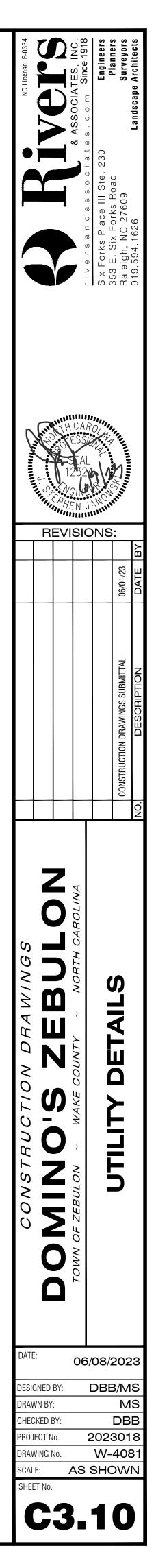
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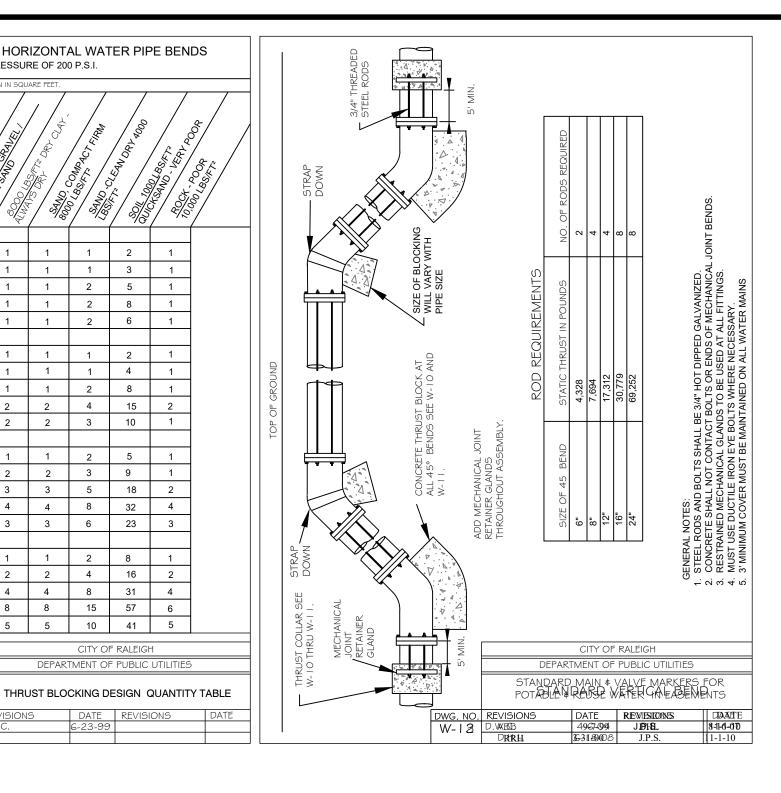
**SCALE** 1 inch = **20** ft

0 10' 20'









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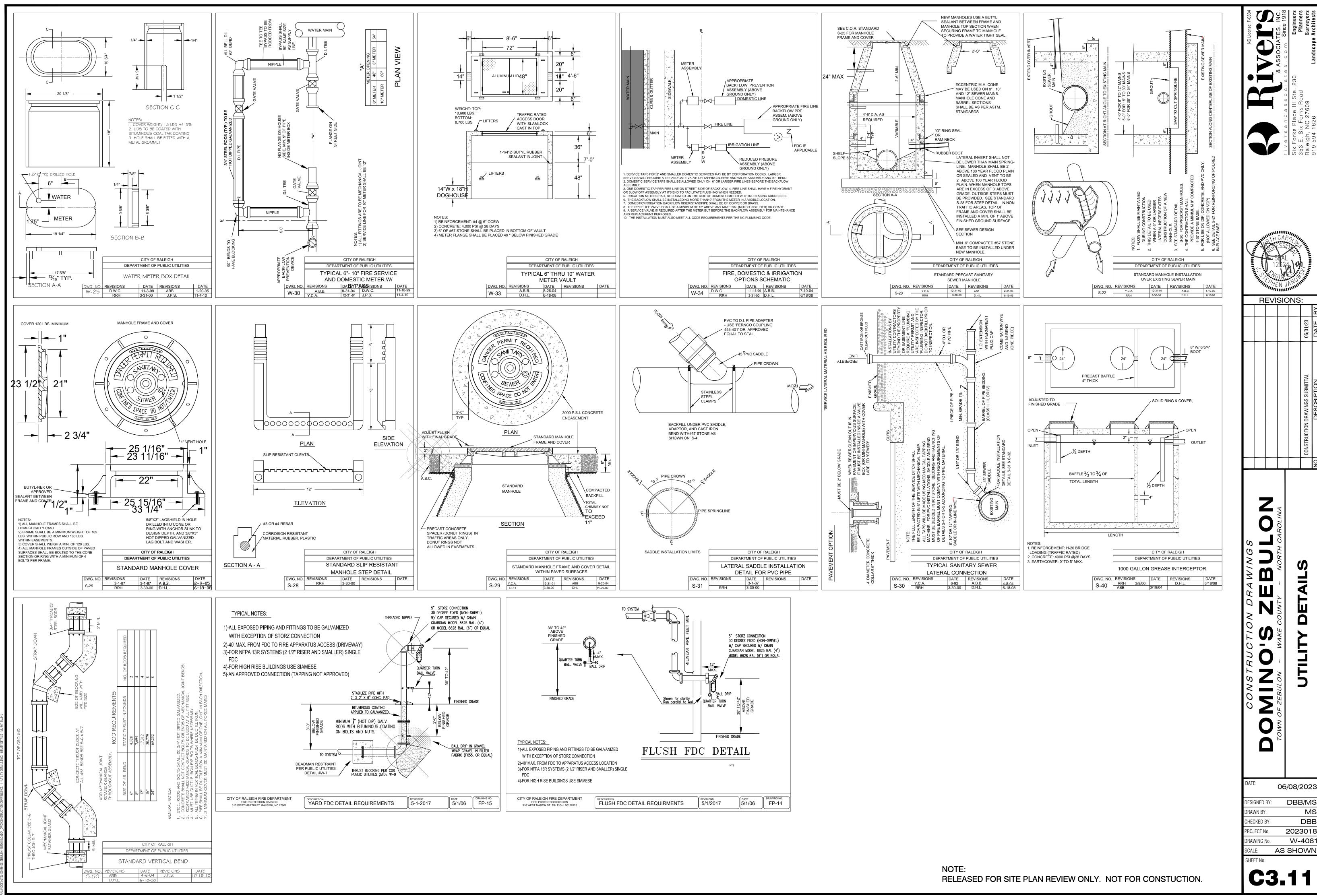
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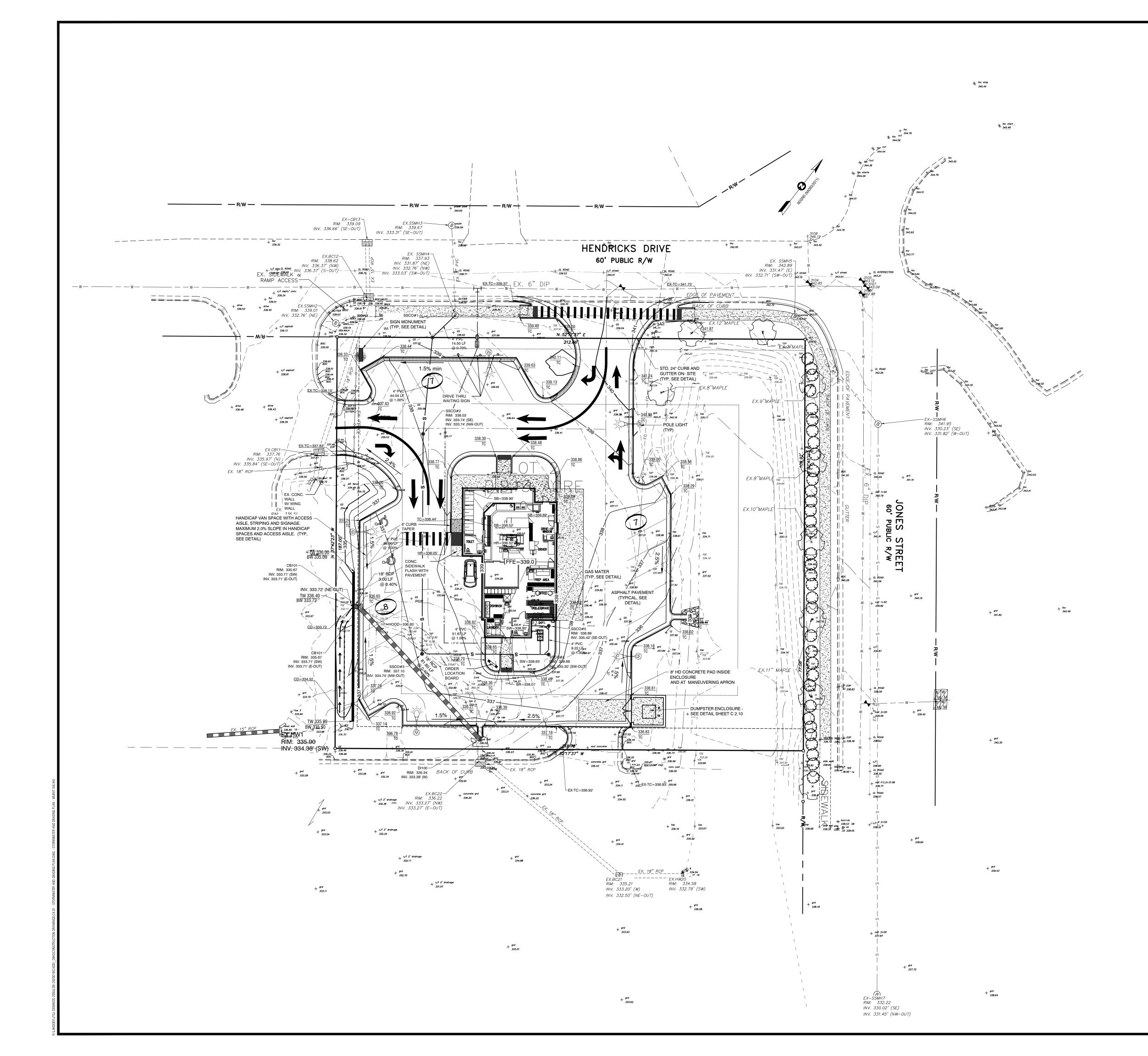
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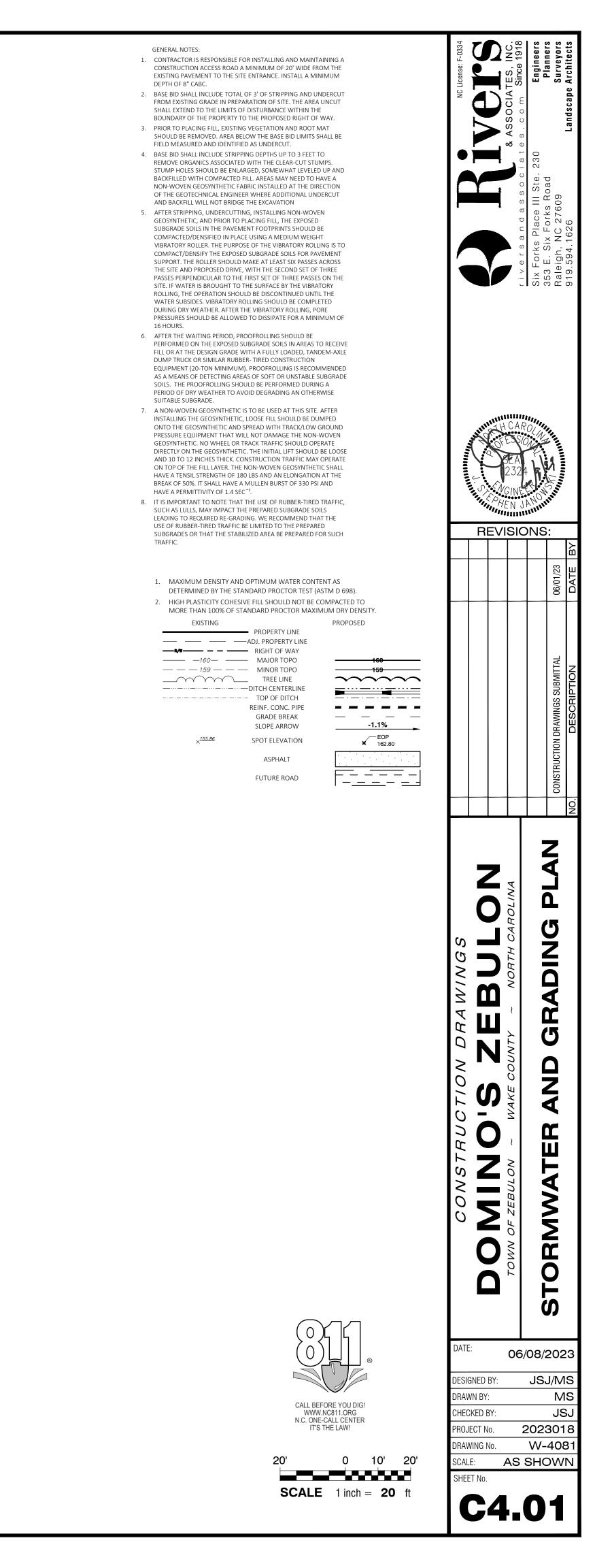
CITY OF RALEIGH

DEPARTMENT OF PUBLIC UTILITIES

NOTE: RELEASED FOR SITE PLAN REVIEW ONLY. NOT FOR CONSTUCTION.







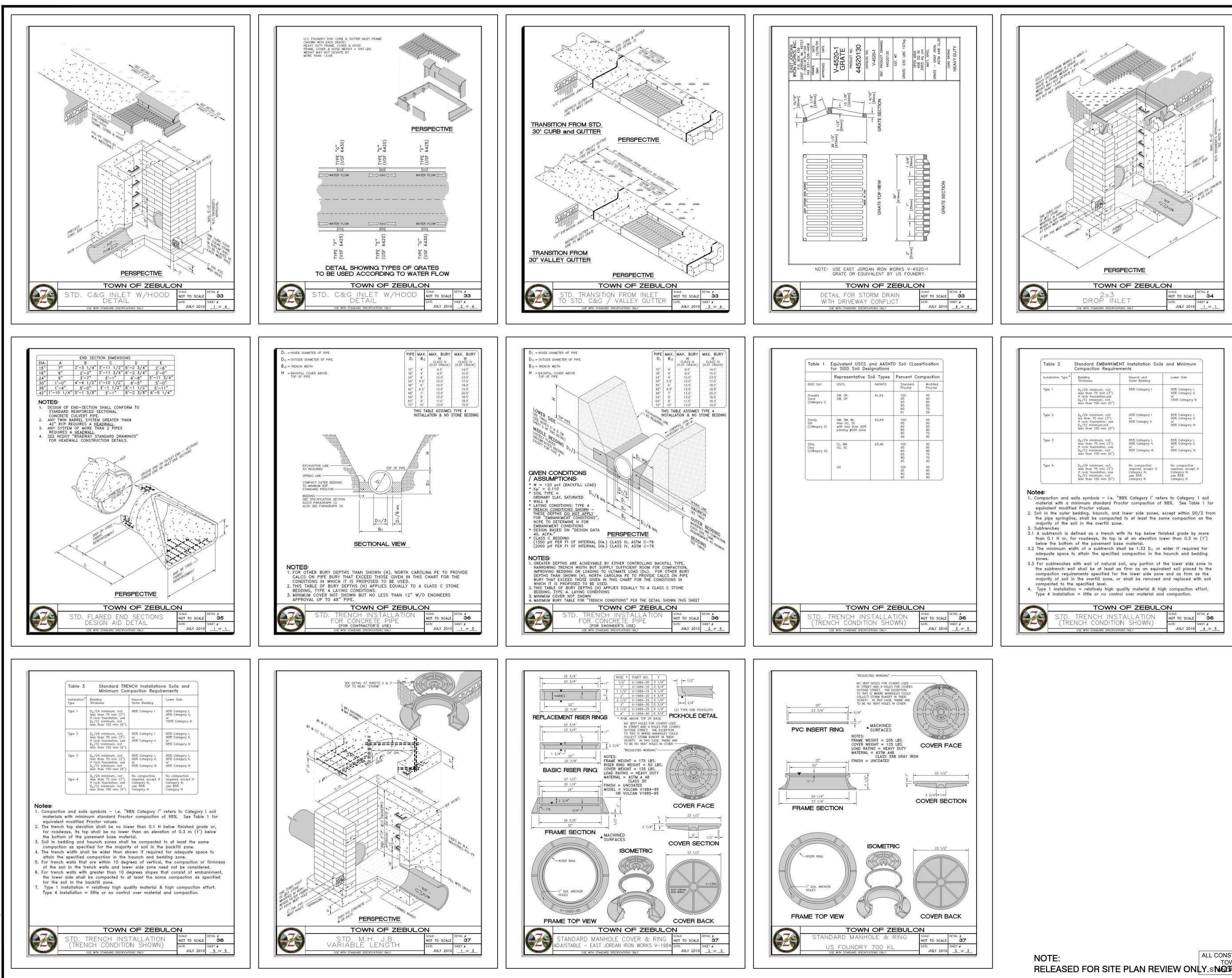
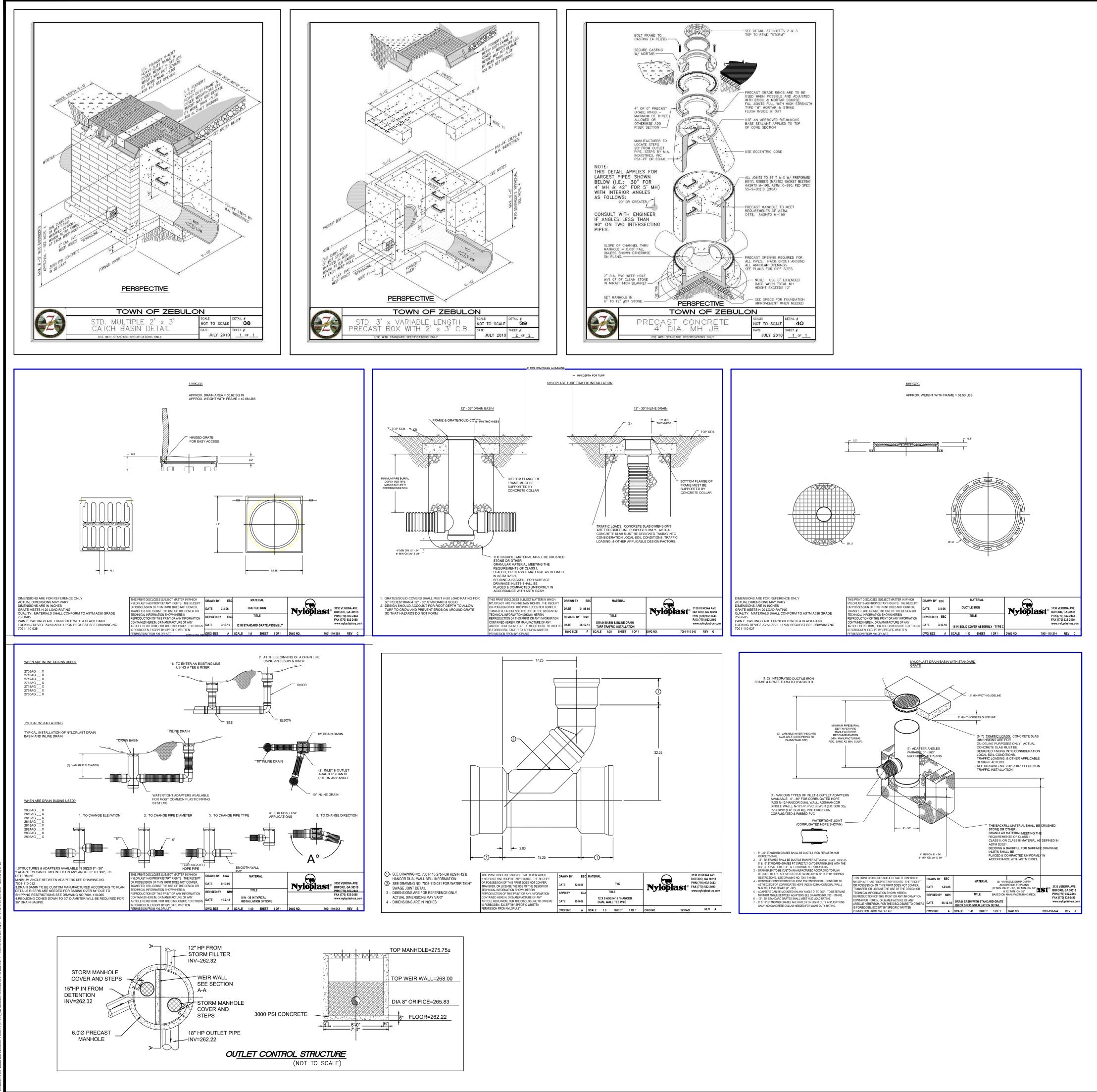


Table 2	Standard EMBANKMEN Compaction Requiren		s and Minimum
Installation Type <sup>4</sup>	Bedding Thickness	Haunch and Outer Bedding	Lower Side
Type 1	$D_0/24$ minimum, not less than 75 mm (3"). If rock foundation,use $D_0/12$ minimum, not less than 150 mm (6").	98% Category I	90% Category I, 95% Category II, or 100% Category III
Type 2	$D_0/24$ minimum, not les than 75 mm (3"). If rock foundation, use $D_0/12$ minimum,not less than 150 mm (6").	90% Category I or 95% Categiry II	85% Category I, 90% Category II, or 95% Category III
Туре З	$D_0/24$ minimum, not less than 75 mm (3"). If rock foundation, use $D_0/12$ minimum, not less than 150 mm (6").	85% Category I, 90% Category II, or 95% Category III	85% Category I, 90% Category II, or 95% Category III
Type 4	$D_0/24$ minimum, not less than 75 mm (3"). If rock foundation, use $D_0/12$ minimum, not less than 150 mm (6").	No compaction required, except if Category III, use 85% Category III	No compaction required, except if Category III, use 85% Category III

TOWN OF ZEBULC	N	
STD. TRENCH INSTALLATION	SCALE: NOT TO SCALE	DETAIL # 36
(TRENCH CONDITION SHOWN) use with standard specifications only	DATE: JULY 2010	SHEET #

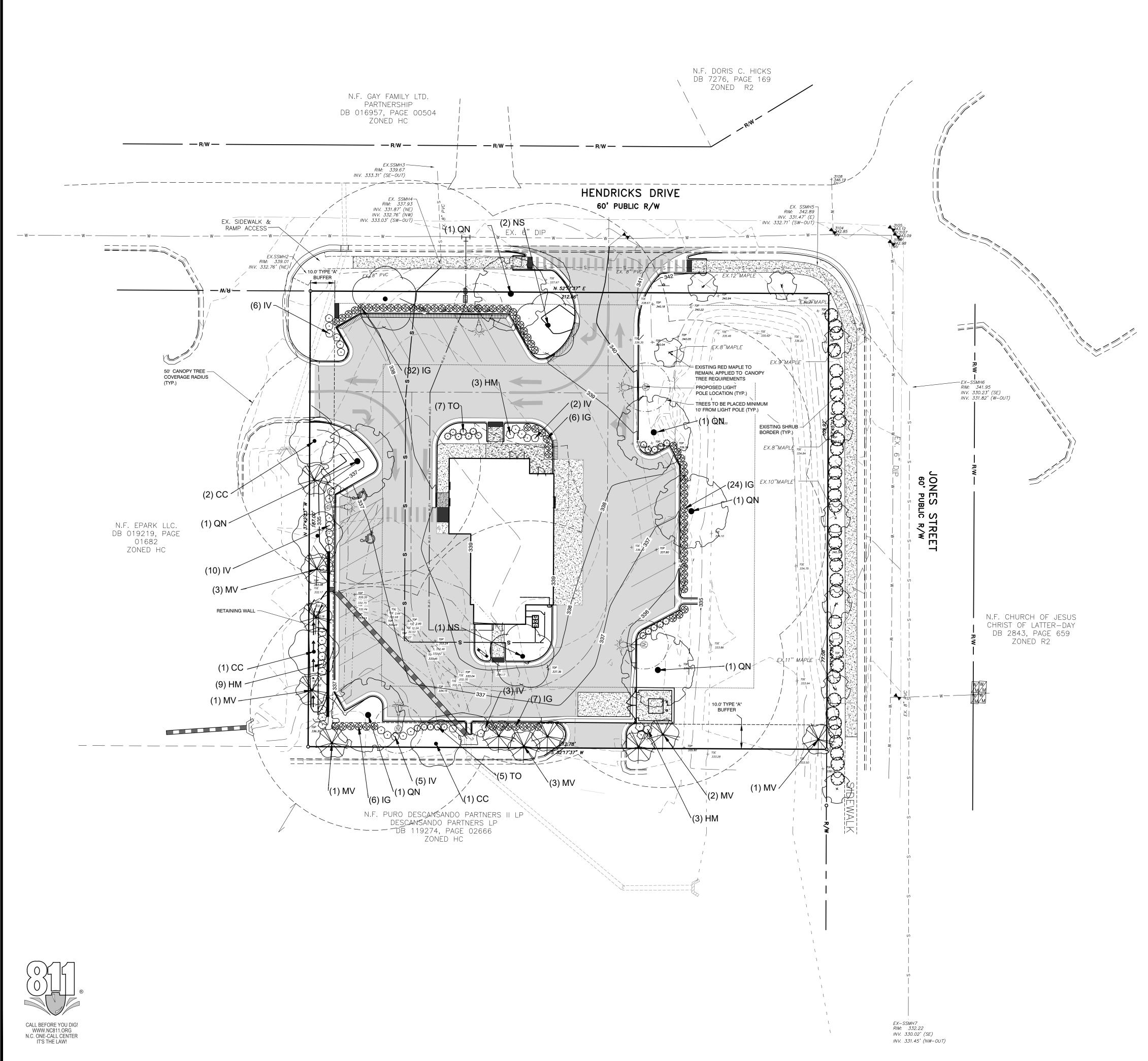
	DRAN CHEC PROJ DRAN SCAL	DATI	CONSTRUCTION DRAWINGS					NC License: F-0334
C	GNED WN BY CKED F IECT N WING F LE: ET No.					R		DALDI
4	': BY: Io. No.	Rγ.						ロゴン
┝╻		06	TOWN OF ZEBULON ~ WAKE COUNTY ~ NORTH CAROLINA			CAN ESS 232 GINE EN	A SSOCIA	& ASSOCIATES, INC.
1	DE 202 W SH	08 DF				PO/ AND	Six Forks Place III Ste. 230	Engineers
	] 23 2_/					Nr. M.	353 E. Six Forks Road	Planners
0	M DB 301 408			CONSTRUCTION DRAWINGS SUBMITTAL	06/01/23		7609	Surveyors
	S B 8 31			NO. DESCRIPTION	DATE BY		919.594.1626	Landscape Architects



AINOS-ZEBULON-2023018(CADD\_\_DWG/CONSTRUCTION DRAWINGS/C4.11 - STORM DETAILS.DWG - C4.11 STORM DETAILS - MURAT SALIH

DRAN CHEC PROJ DRAN SCAL	CONSTRUCTION DRAWINGS			(Contribution		NC License: F-0334
gned Wn By Cked I Iect N Wing I			R			DALOI
: 3Y: Io. No.			EV			ロゴント
	TOWN OF ZEBULON ~ WAKE COUNTY ~ NORTH CAROLINA			CA ESS 232 GIN EN		& ASSOCIATES, INC.
2				R IO	r I versandassociates.com	
02: W-			NS	N. N	Six Forks Place III Ste. 230	Engineers
202 3/M DB 301 408 0W	U CRM DE AILO	CONSTRUCTION DRAWINGS SUBMITTAL	06/01/23		Raleigh, NC 27609	Surveyors
S S B 8 31		NO. DESCRIPTION	DATE BY		919.594.1626	Landscape Architects

NOTE: ALL CONSTRUCTION TO BE IN ACCORDANCE WITH TOWN OF GRIFTON, NCDOT & NCDEQ RELEASED FOR SITE PLAN REVIEW ONLY.STODARD FOR STORETAILS.

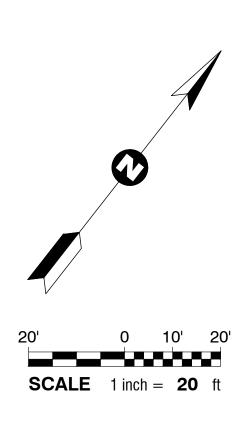


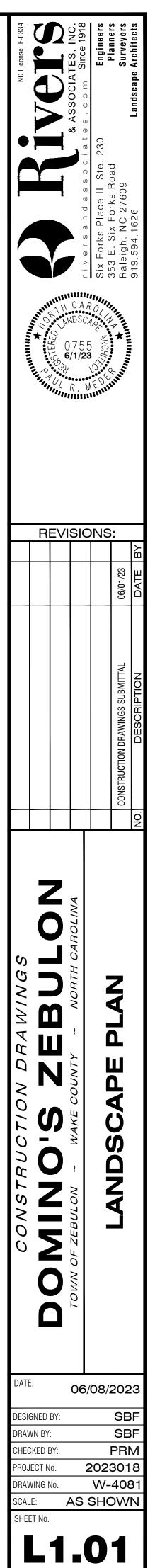
PLANT SC		DULE				
LARGE TREES		BOTANICAL / COMMON NAME	CONTAINER	CALIPER	SIZE	QTY
$\bigcirc$	NS	Nyssa Sylvatica / Black Gum	B & B	3" CAL.	14` - 16` HT.	3
	QN	Quercus nuttali / Nutall Oak	B & B	3" CAL.	14` - 16` HT.	6
SMALL TREES	CODE	BOTANICAL / COMMON NAME	CONTAINER	CALIPER	SIZE	QTY
$\bigcirc$	сс	Carpinus Caroliniana / American Hornbeam	B & B	2" CAL.	12` - 14` HT.	4
	MV	Magnolia virginiana / Sweet Bay	B & B	2" CAL.	12` - 14` HT.	11
SHRUBS	CODE	BOTANICAL / COMMON NAME	CONTAINER	SPACING	SIZE	QTY
$\langle \cdot \rangle$	НМ	Hydrangea macrophylla 'All Summer Beauty' / Bigleaf Hydrangea	3 gal	3` O.C.	18" MIN.	15
$\bigcirc$	IG	llex glabra 'Gem Box' / Inkberry Holly 'Gem Box'	3 gal	3` O.C.	18" MIN.	75
$\bigcirc$	IV	Itea virginica / Virginia Sweetspire	3 gal	3` O.C.	18" MIN.	26
<b>*</b> •	то	Thuja occidentalis 'Congabe' / Fire Chief™ Arborvitae	3 gal	3` O.C.	18" MIN.	22

PARKING LOT:	SHADE TREES -
	REQUIRED - 1 CANOPY TREE / 12 OFF-STREET PARKING SPACES
	22 PARKING SPACES = 2 CANOPY TREE REQUIRED
	PROPOSED - 2 CANOPY TREES, ALL PARKING SPACES WITHIN 50' OF
	A CANOPY TREE TRUNK LOCATION
	INTERIOR PLANTINGS - REQUIRED - 3 SHRUBS / PARKING LOT ISLAND WHERE CANOPY TREI IS NOT PROVIDED. PROPOSED - N/A
	PERIMETER PLANTINGS -
	REQUIRED - SINGLE CONTINUOUS ROW OF EVERGREEN SHRUBS (MAX. 3' O.C.) ADJACENT TO PARKING LOT PERIMETER, WITHIN 5' OF PARKING LOT EDGE. PERIMETER PLANTINGS NOT REQUIRED ALONG COMMON BOUNDARY BETWEEN PARKING LOTS.
	PROPOSED - EVERGREEN SHRUB ROW ADJACENT TO PARKING LOT
	AT NORTHEAST AND NORTHWEST. SOUTHEAST AND
	SOUTHWEST PARKING LOT SHARES COMMON BOUNDARY WITH ADJACENT PARKING LOTS.
	48 TOTAL EVERGREEN SHRUBS PROVIDED.
PERIMETER BUFFERS:	REQUIRED - PERIMETER BUFFER PLANTINGS ALONG ADJACENT
	LOTS. SITE ZONING = HC REAR LOT - ZONE HC = TYPE 'A' BUFFER "SEPARATION" (188 LF
	WITHOUT DRIVEWAY WIDTH)
	NO CANOPY TREES REQUIRED 1 UNDERSTORY TREE / 100 LF, 188 LF = 8 TREES REQUIRED
	15 SHRUBS / 100 LF, 188 LF = 29 SHRUBS REQUIRED
	SIDE LOT - ZONE HC = TYPE 'A' BUFFER "SEPARATION" (162 LF
	WITHOUT DRIVEWAY WIDTH) NO CANOPY TREES REQUIRED
	1 UNDERSTORY TREE / 100 LF, 162 LF = 7 TREES REQUIRED
	15 SHRUBS / 100 LF, 187 LF = 25 SHRUBS REQUIRED
	PROPOSED - REAR LOT - TYPE 'A' BUFFER 8 SMALL TREES PROVIDED, 29 SHRUBS PROVIDED
	SIDE LOT - TYPE 'A' BUFFER
	7 SMALL TREES PROVIDED, 25 SHRUBS PROVIDED.
FOUNDATION:	REQUIRED - EVERGREEN SHRUBS OR DECORATIVE GRASSES
	(MIN. 18") LOCATED WITHIN 10' OF BUILDING FOUNDATION
	WALL VISIBLE FROM PUBLIC STREET.
	1 CANOPY TREE / 2,000 SF OF LOT AREA FOR FIRST 20,000 SF
	OF LOT. 0.91 AC = +/- 39640 SF, 10 TREES REQUIRED.
	PROPOSED - 18 SHRUBS PROVIDED AT FOUNDATION FACING HENDRICKS DRIVE.
	9 NEW CANOPY TREES PROVIDED, 1 EXISTING TREE
STREET BUFFERS:	REQUIRED - NONE (LOT LINE NOT BOUNDED BY ANY COLLECTOR O
	ARTERIAL STREETS.)

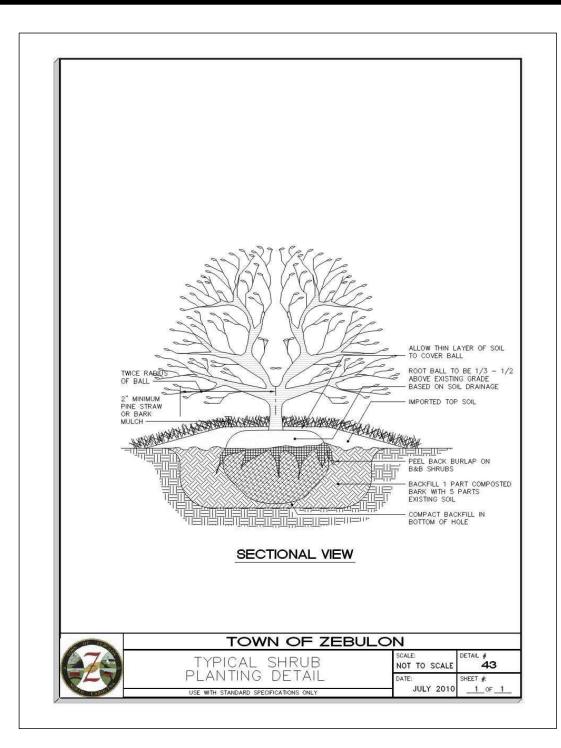
#### NOTES:

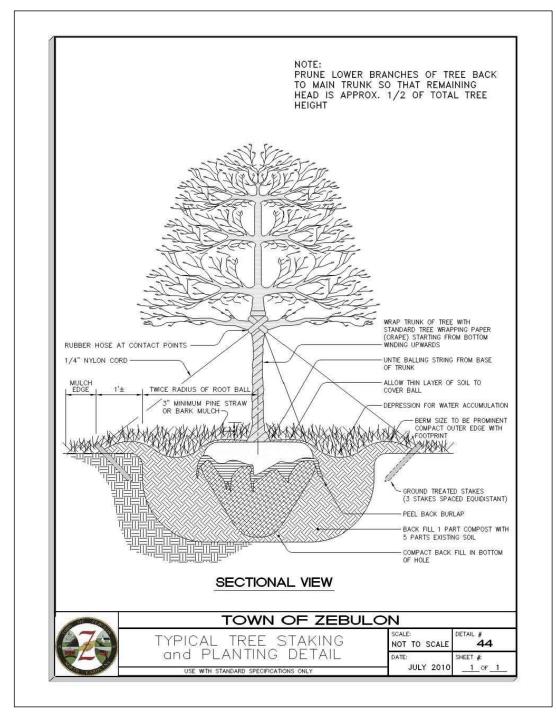
1. ALL UNPAVED AREAS OF THE SITE WILL BE COVERED WITH HYBRID TURF TYPE TALL FESCUE SOD OR AGED TRIPLE SHREDDED HARDWOOD MULCH (3" - 4" DEPTH) IN A TYPICAL FASHION FOR THIS TYPE OF PROJECT.

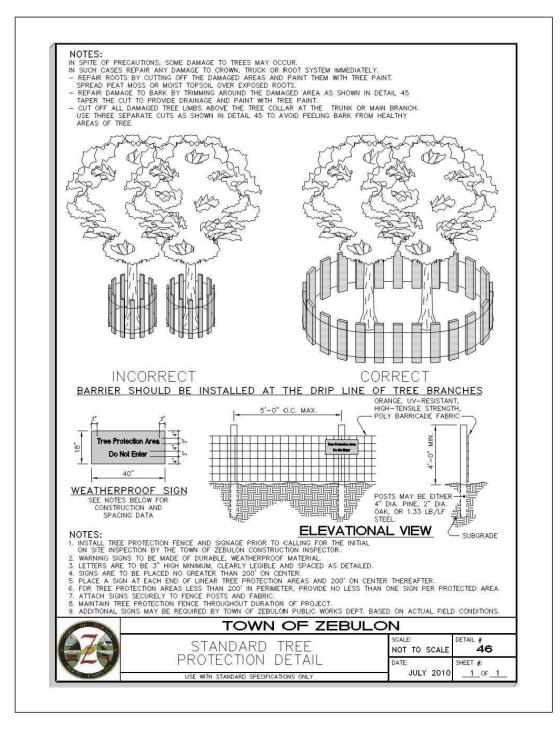




VLTSL-DOMINOS-ZEBULON-2023018/CADD\_DWG/CONSTRUCTION DRAWINGS\L1.02 - LANDSCAPING NOTES AND DETAIL.DWG - LANDSCAPING NOTES AND DETAILS - MURAT SALIHU







#### PLANTING NOTES:

- 1. ALL PLANTINGS SHALL COMPLY WITH CURRENT LOCAL ORDINANCES AND GUIDELINES.
- 2. THIS PLAN IS FOR PLANTING LOCATIONS ONLY AND ALL PLANT MATERIAL SHALL BE SPACED AND LOCATED PER SCHEDULE. HOWEVER, CONTRACTOR TO SLIGHTLY ADJUST PLANT LOCATIONS IN THE FIELD AS NECESSARY TO BE CLEAR OF DRAINAGE SWALES AND UTILITIES. IF FOUND CONDITIONS VARY FROM THIS PLAN, CONTRACTOR SHALL CONTACT OWNER AND LANDSCAPE ARCHITECT FOR RESOLUTION. FAILURE TO DO SO WILL RESULT IN CONTRACTOR'S LIABILITY TO REPLACE PLANT MATERIAL S
- 3. REFER TO PLANTING DETAILS FOR ADDITIONAL PLANTING INFORMATION.
- 4. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL PLANT WATERING AND MAINTENANCE, INCLUDING SHRUBS AND GROUNDCOVER, AND SHALL MAINTAIN AREA IN A WEED AND DEBRIS FREE CONDITION, THROUGHOUT GUARANTEE PERIOD.
- 5. CONTRACTOR TO VERIFY PLANT LIST TOTALS WITH QUANTITIES SHOWN ON PLAN.
- 6. ALL SIZES SPECIFIED IN THE PLANT LIST ARE MINIMUM SIZES TO WHICH THE PLANTS ARE TO BE JUDGED. FAILURE TO MEET MINIMUM SIZE ON ANY PLANT WILL RESULT IN REJECTION OF THAT PLANT.
- PLANTING SIZE DETERMINATION:
   T.1. TREES: 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 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 "V" CROTCHES THAT COULD BE POINTS OF WEAK LIMB STRUCTURE OR DISEASE INFESTATION.
- 7.2. ALL PLANTS SHALL BE FRESHLY DUG OR IN GROW POTS, SOUND, HEALTHY, VIGOROUS, WELL BRANCHED, FREE OF DISEASE, INSECT EGGS, AND LARVAE, AND SHALL BE WELL ROOTED.
- 8. FINISHED PLANTING BEDS SHALL BE GRADED SO AS TO NOT IMPEDE DRAINAGE AWAY FROM BUILDINGS. IF SIGNIFICANT RELOCATIONS ARE REQUIRED, CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT FOR RESOLUTION. FAILURE TO MAKE SUCH RELOCATIONS KNOWN TO THE OWNER AND LANDSCAPE ARCHITECT WILL RESULT IN CONTRACTOR'S LIABILITY FOR PLANT MATERIALS AND STORMWATER DAMAGE.
- 9. FIELD LOCATE AND VERIFY UNDERGROUND UTILITIES LOCATIONS PRIOR TO PLANTING. FINAL TREE LOCATIONS TO BE FIELD ADJUSTED TO AVOID CONFLICTS WITH UTILITIES, LIGHTING AND DRIVEWAY LOCATIONS WHERE POSSIBLE. CONTACT LANDSCAPE ARCHITECT FOR A COORDINATED SOLUTION FOR ANY UTILITY CONFLICTS. CONTRACTOR SHALL BE LIABLE FOR DAMAGE TO ANY AND ALL PUBLIC OR PRIVATE UTILITIES.
- 10. TREES SHALL BE STAKED WITH AN AT GRADE TREE STAKING SYSTEM. STAKING MUST BE REMOVED AS SOON AS POSSIBLE OR WITHIN ONE (1) YEAR OF PLANTING. MULCH SHALL BE APPLIED IN AN EVEN THREE INCH (3") TO TO FOUR INCH (4") LAYER AROUND THE TREE PIT IN ACCORDANCE WITH ACCEPTED PRACTICES IN THE LANDSCAPE INDUSTRY.
- 11. CONTRACTOR SHALL NOT PLACE MULCH IN CONTACT WITH THE TRUNKS OF TREES OR SHRUBS.
- 12. ALL TREE PITS, SHRUB BEDS AND PREPARED PLANTING BEDS ARE TO BE COMPLETELY EXCAVATED IN ACCORDANCE WITH THE PLANTING DETAILS.
- 13. THE ROOT CROWN SHALL BE TWO INCHES (2") TO FOUR INCHES (4") ABOVE FINISHED GRADE (AFTER SETTLING) FOR SHRUBS AND ONE QUARTER  $\binom{1}{4}$  TO ONE HALF  $\binom{1}{3}$  THE BALL DEPTH ABOVE FINISH GRADE (AFTER SETTLING) FOR TREES.
- 14. ALL SUBSTITUTIONS OF PLANT MATERIAL ARE TO BE REQUESTED IN WRITING TO THE LANDSCAPE ARCHITECT AND APPROVED IN WRITING BY THE OWNER PRIOR TO INSTALLATION. FAILURE TO OBTAIN SUBSTITUTION APPROVAL IN WRITING MAY RESULT IN LIABILITY TO THE CONTRACTOR.
- 15. DEAD PLANTS ARE TO BE REMOVED FROM THE JOB BY THE CONTRACTOR WEEKLY. CONTRACTOR SHALL MAINTAIN AN UPDATED, COMPREHENSIVE LIST OF ALL DEAD MATERIALS REMOVED AND PRESENT A COPY OF THE LIST TO THE OWNER AND THE LANDSCAPE ARCHITECT AT THE END OF EVERY MONTH DURING THE CONTRACT PERIOD.
- 16. TOPSOIL REQUIRED FOR SOIL MIXES AND SPECIAL SEEDING AREAS SHALL BE PROVIDED BY THE CONTRACTOR. CONTRACTOR MUST LOAD, HAUL, MIX, AND SPREAD ALL TOPSOIL AND OTHER SOIL ADDITIVES AS REQUIRED.
- 17. THE PROPERTY OWNER AND/OR LESSEE SHALL, UPON COMPLETION OF THE GUARANTEE PERIOD AND FINAL ACCEPTANCE OF THE LANDSCAPE MATERIALS, MAINTAIN ALL LANDSCAPE MATERIALS AND LANDSCAPE AREAS IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, MOWING, FERTILIZING, TREATING PESTS, MULCHING, PRUNING, REMOVAL AND REPLACEMENT OF DEAD OR DISEASED TREES AND SHRUBS. MAINTENANCE SHALL BE PERFORMED ON A REGULAR BASIS IN ORDER TO MAINTAIN PLANT VIGOR AND STABILITY AND TO PRESENT A NEAT AND WELL-KEPT APPEARANCE AT ALL TIMES.
- 18. CONTRACTOR SHALL GUARANTEE ALL LANDSCAPE IMPROVEMENTS, INCLUDING SEEDING, AS REQUIRED BY THE SPECIFICATIONS. CONTRACTOR MUST CONTACT THE OWNER AND THE LANDSCAPE ARCHITECT AT LEAST 10 WORKING DAYS IN ADVANCE TO SCHEDULE ACCEPTANCE INSPECTION(S). CONTRACTOR MUST REPLACE ALL DEAD OR UNACCEPTABLE PLANTS DURING THE FOLLOWING RECOMMENDED PLANTING SEASON.
- 19. ALL TREES AND SHRUBS SHALL MEET THE NORMAL REQUIREMENTS FOR THE AMERICAN STANDARD FOR NURSERY STOCK, LATEST EDITION, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMAN (AAN) OR AMERICANHORT, ANSI Z60.1.
- 20. MULCH SHALL BE FREE OF DEBRIS AND WOOD CHIPS. IT SHALL CONSIST OF AGED TRIPLE-SHREDDED HARDWOOD MULCH, FREE OF EXCESS TANNIC ACID OR OTHER MULCH AS SPECIFIED ON THE PLANS. SAMPLES OF MULCH SHALL BE PROVIDED FOR THE THE LANDSCAPE ARCHITECT'S APPROVAL PRIOR TO DELIVERING THE MULCH. THE OWNER RESERVES THE RIGHT TO REJECT ANY MULCH WHICH IS CONSIDERED TO BE UNSUITABLE. ALL MULCHES SHALL BE FREE OF ANY FOREIGN MATERIALS, PIECES LARGER THAN 6 INCHES, AND/OR GREEN WOOD.
- 21. ALL STRAPPING AND TOP 2/3 OF WIRE BASKET MUST BE CUT AWAY AND REMOVED FROM ROOT BALL PRIOR TO BACKFILLING PLANTING PIT. REMOVE TOP 1/3 OF THE BURLAP FROM THE ROOT BALL. REMOVE ALL SYNTHETIC MATERIALS: BURLAP, STRAPPING CORDAGE, ETC. PRIOR TO BACKFILLING ALL PLANT MATERIALS.
- 22. NO PLANTING IDENTIFIED AS REACHING A MATURE HEIGHT OF MORE THAN TWENTY FEET (20') SHALL BE PLACED WITHIN A TRANSMISSION POWER LINE RIGHT-OF-WAY OR WITHIN TEN FEET (10') OF AN OVERHEAD UTILITY LINE.
- 23. TREES WHICH OVERHANG THE PEDESTRIAN CIRCULATION ROUTES AT THE STREETS, SIDEWALKS OR WITHIN OPEN SPACE AREAS SHALL NOT EXTEND GREATER THAN FOUR INCHES INTO THE CIRCULATION ROUTE AT A HEIGHT LESS THAN 80 INCHES ABOVE THE ADJACENT GRADE. ALL TREES SHALL BE LIMBED TO PROVIDE 80 INCHES OF CLEARANCE AT WALKWAYS TO MEET A.D.A AND ANSI Z60.1 REQUIREMENTS.

#### NOTES:

- BOUNDARY AND TOPOGRAPHIC SURVEY PROVIDED BY WILLIAMS-PIERCE & ASSOCIATES, P.A.
   CONTRACTOR SHALL FIELD VERIFY LOCATION, SIZE, AND MATERIAL OF EXISTING SITE AND VICINITY FEATURES AND UTILITIES PRIOR TO BEGINNING DEMOLITION AND CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL NOTIFY THE CIVIL ENGINEER AND LANDSCAPE ARCHITECT OF ANY DISCREPANCIES THAT ARE FOUND BETWEEN THE EXISTING FIELD CONDITIONS AND THE SITE PLANS OR CONSTRUCTION DRAWINGS, WHENEVER THEY ARE FOUND, DURING ALL PHASES OF SITE WORK.
- 3. THE PRUNING OF SCREENING SHRUBS SHALL ALLOW FOR LATERAL GROWTH OF BRANCHES
- SO AS TO FORM A HEDGE. 4. ALL LANDSCAPE ISLANDS, BEDS AND LAWNS SHALL BE GRADED FOR POSITIVE DRAINAGE
- WITH NO LOW SPOTS ALLOWING WATER TO BE TRAPPED.
  5. CONTRACTOR SHALL PLANT TREES AND SHRUBS 5 FEET FROM BACK OF CURB WHEN PLANTED PERPENDICULAR FROM PARKING SPACES.
- 6. WHEEL STOPS ARE REQUIRED IF LANDSCAPING CANNOT BE SET BACK 5 FEET.
- 7. CONTRACTOR SHALL INSTALL ALL SHRUBS IN MULCHED BEDS.
- CONTRACTOR SHALL INSTALL ALL TREES IN MINIMUM 4-6' DIA. MULCHED BEDS.
   WHERE TREES AND SHRUBS ARE LOCATED TOGETHER IN LANDSCAPE BUFFERS, THE CONTRACTOR SHALL MULCULTURE FUNCTION OF THE STREET AND SHRUBS ARE LOCATED TOGETHER IN LANDSCAPE BUFFERS, THE
- CONTRACTOR SHALL MULCH THE FULL WIDTH AND LENGTH OF THE BUFFER.
  10. ALL UN-MULCHED AREAS OF THE SITE SHALL BE SEEDED WITH LAWN GRASS. GRASS SEED SELECTION SHALL BE SUBMITTED TO AND APPROVED BY THE LANDSCAPE ARCHITECT, PRIOR TO PURCHASE AND INSTALLATION.

CALL BEFORE YOU DIG! WWW.NC811.ORG N.C. ONE-CALL CENTER IT'S THE LAW!

**SCALE** 1 inch = 20 ft

0 10' 20'

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