



Administrative Approval Action

Case File / Name: ASR-0095-2022
DSLCL - WAKE COUNTY PUBLIC HEALTH BUILDING

City of Raleigh
Development Services Department
One Exchange Plaza
Raleigh, NC 27602
(919) 996-2492
currentplanning@raleighnc.gov
www.raleighnc.gov

LOCATION: This 19.07 acre site zoned OX-5-PL is located on the northwest corner of the intersection of Swinburne Street and Kidd Road at 3000 Falstaff Road.

REQUEST: A new 150,034 square foot Wake County Public Health building and associated parking structure addition to the existing public health site.

**DESIGN
ADJUSTMENT(S)/
ALTERNATES, ETC:** SUR-0322-2023: DSENG - Surety/Infrastructure
SPR-0126-2023: DSLCL - Site Permitting Review/Major [Signature Set]

FINDINGS: City Administration finds that this request, with the below conditions of approval being met, conforms to the Unified Development Ordinance. This approval is based on a preliminary plan dated April 12, 2023 by OBrien Atkins Associates PA.

CONDITIONS OF APPROVAL and NEXT STEPS:

This document must be applied to the second sheet of all future submittals except for final plats. This is a preliminary plan and as such no permits have been issued with this approval. To obtain permits and/or completion of the project, the following steps are required:

☒ **SITE PERMITTING REVIEW** - For land disturbance of 12,000 square feet or greater, public or private infrastructure, shared stormwater devices, etc. Site Permitting Review may be submitted upon receipt of this signed approval document.

The following items are required prior to approval of Site Permitting Review plans:

General

1. Please contact solid waste for review comments and if acceptability by COR solid waste. Provide confirmation, (email, note, etc) that COR Solid waste is in agreement with your proposed plan along with your next submittal. Solid waste contact - E-mail: swscodecompliance@raleighnc.gov, Phone #: 919-996-3245
A will serve letter does not preclude COR solid waste standards and approval by COR solid waste is required.

Engineering

2. A public street right-of-way deed of easement, in addition to a plat showing the location of the easement, shall be submitted to the Planning and Development Services Department for review, and if acceptable, approved for recordation. Approved plats must be recorded at the Wake County Register of Deeds Office on or before the 14th day following approval by the City. The 14-day expiration date shall be clearly indicated on the plat. By the end of the next business day following recordation of the plat, all required legal instruments (including deeds of easement) shall be recorded, and recorded copies of the plat and all legal instruments required by the City in association with development approval shall be provided to the City. (Reference: UDO 8.1.7.A; 10.2.5.F.4.d)



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3. A 5' utility placement easement deed of easement, in addition to a plat showing the location of the easement, shall be submitted to the Planning and Development Services Department for review, and if acceptable, approved for recordation. Approved plats must be recorded at the Wake County Register of Deeds Office on or before the 14th day following approval by the City. The 14-day expiration date shall be clearly indicated on the plat. By the end of the next business day following recordation of the plat, all required legal instruments (including deeds of easement) shall be recorded, and recorded copies of the plat and all legal instruments required by the City in association with development approval shall be provided to the City. (Reference: UDO 8.1.7.A; 10.2.5.F.4.d)
4. A fee-in-lieu for 1' width of sidewalk along frontage along Falstaff & Swinburne Rd and 6' width along frontage of Kidd Rd shall be paid to the City of Raleigh (UDO 8.1.10).
5. Plans shall show the provision of parking protected bike lanes along the south portion of Kidd Rd, eastern portion of Swinburn Rd, and northern portion of Falstaff Rd (to Sunnybrook Rd) to be constructed prior to completion of all building and site work associated with approval of this development plan and issuance of certificates of occupancy.

Stormwater

6. A nitrogen offset payment must be made to a qualifying mitigation bank (UDO 9.2.2.B).
7. A stormwater control plan with a stormwater operations and maintenance manual and budget shall be approved (UDO 9.2).
8. All stormwater control measures and means of transporting stormwater runoff to and from any nitrogen and stormwater runoff control measures shall be shown on all plats for recording as private drainage easements (UDO 9.2).
9. A surety equal to 125% of the cost of the construction of a stormwater device shall be paid to the Engineering Services Department (UDO 9.2.2.D.1.d).
10. A payment equal to twenty-four percent (24%) of the estimated cost of constructing all stormwater control facilities shown on the development plans shall be paid by the developer to the City stormwater facility replacement fund (UDO 9.2.2.G.3).
11. All stormwater control measures and means of transporting stormwater runoff to and from any nitrogen and stormwater runoff control measures shall be shown on all plats for recording as private drainage easements (UDO 9.2).

Urban Forestry

12. Tree protection fence must be inspected by Urban Forestry staff prior to the issuance of a grading permit.
13. Submit a final tree conservation plan that includes metes and bounds descriptions of all tree conservation areas and tree protection fencing as required (UDO 9.1.5).



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14. A tree conservation plat shall be recorded with metes and bounds showing the designated tree conservation areas (UDO 9.1). This development proposes 1.89 acres of tree conservation area.
15. A public infrastructure surety for 18 street trees along Kidd Road shall be provided to City of Raleigh Transportation – Development Engineering Division (UDO 8.1.3) in the amount of 100% of the improvement cost for the NCDOT portion and 125% of the improvement cost for the City of Raleigh infrastructure.
16. A tree impact permit must be obtained for the approved streetscape tree installation in the right of way. This development proposes 18 street trees along Kidd Rd.

The following are required prior to issuance of building occupancy permit:

General

1. All Water, Sanitary Sewer and Reuse facilities shall be installed, inspected, tested and accepted by the City of Raleigh Public Utilities Department for operations and maintenance.
2. Final inspection of all tree conservation areas and right of way street trees by Urban Forestry Staff

Stormwater

3. As-built drawings and associated forms for all Stormwater devices are accepted by the Engineering Services Department (UDO 9.2.2.D.3).
4. As-built impervious survey is accepted by the Engineering Services Department (UDO 9.2).

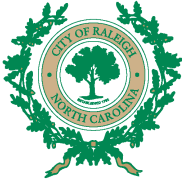
EXPIRATION DATES: The expiration provisions of UDO Section 10.2.8 E, including the ability to request extensions in the expiration date, apply to this site plan. If significant construction has not taken place on a project after administrative site review approval, that approval may expire and be declared void, requiring re-approval before permits may be issued. To avoid allowing this plan approval to expire the following must take place by the following dates:

3-Year Expiration Date: May 25, 2026

Obtain a valid building permit for the total area of the project, or a phase of the project.

4-Year Completion Date:

Within four years after issuance of the first building permit for the site plan, the construction of the entire site plan must be completed unless an applicant has been granted vested rights. Failure to complete construction within this specified time frame shall automatically void the approved site plan for which no building permits have been issued.



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currentplanning@raleighnc.gov
www.raleighnc.gov

I hereby certify this administrative decision.

Signed: *Daniel L. Stegall* Date: 05/25/2023
Development Services Dir/Designee
Staff Coordinator: Michael Walters



SURVEY BY MCKIM & CREED
DATE: 03/20/2020



O'BRIEN ATKINS



MCKIM & CREED



WAKE COUNTY
NORTH CAROLINA

Architectural
Engineering
Planning
Interior Design
Landscape Architecture
Civil Engineering
Surveying
Environmental Engineering
Construction Management

1770 Main Drive, Suite 200
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Fax: (919) 993-1401
Internet Site: <http://www.mckimandcreed.com>

Wake County Public Health Building - Site
20200301

REVISION SCHEDULE

REV #	DESCRIPTION	DATE
1	CONCEPTUAL	11/20/21
2	CONCEPTUAL	11/20/21
3	CONCEPTUAL	11/20/21
4	CONCEPTUAL	11/20/21
5	CONCEPTUAL	11/20/21










DESIGNED SETS

SET	DATE	BY	CHKD
01 SITE PLAN SUBMITTAL	03/20/20	MM	MM
02 SITE PLAN SUBMITTAL	03/20/20	MM	MM
03 SITE PLAN SUBMITTAL	03/20/20	MM	MM
04 SITE PLAN SUBMITTAL	03/20/20	MM	MM

Client: WCV
Project No: 20200301

L0100
Existing Conditions

TREE CONSERVATION REPORT

Panel #	Tree #	Tree Species	DBH (Inch)	Basal Area (Sq. Ft.)	Total Basal Area (Sq. Ft.)	Panel Size		Basal Area Required per UDO 9.1.3.E.1 (30 Sq. Ft. per Acre)	Panel Photo
						Sq. Ft	Acre		
A	1	Loblolly Pine	14	1.07	9.44	10,871.88	0.25	7.49	
	2	Loblolly Pine	12	0.79					
	3	Loblolly Pine	15	1.23					
	4	Loblolly Pine	15	1.23					
	5	Loblolly Pine	12	0.79					
	6	Red Oak	13	0.92					
	7	American Holly	12	0.79					
B	1	Loblolly Pine	14	1.07	8.27	10,569.34	0.24	7.28	
	2	Loblolly Pine	12	0.79					
	3	Loblolly Pine	15	1.23					
	4	Loblolly Pine	18	1.77					
	5	Loblolly Pine	12	0.79					
	6	Loblolly Pine	22	2.64					
C	1	Loblolly Pine	18	1.77	6.48	9,227.50	0.21	6.36	
	2	Red Oak	12	0.79					
	3	Loblolly Pine	12	0.79					
	4	Loblolly Pine	12	0.79					
	5	Loblolly Pine	12	0.79					
	6	Red Oak	12	0.79					
	7	Loblolly Pine	12	0.79					
D	1	Green Ash	12	0.79	6.48	8,924.97	0.20	6.15	
	2	Turkey Oak	24	3.14					
	3	Loblolly Pine	18	1.77					
	4	Black Cherry	12	0.79					
E	1	Red Oak	12	0.79	6.06	8,508.85	0.20	5.86	
	2	Loblolly Pine	22	2.64					
F	1	Loblolly Pine	18	1.77	6.57	7,998.54	0.18	5.51	
	2	Loblolly Pine	16	1.40					
	3	Loblolly Pine	15	1.23					
	4	Loblolly Pine	20	2.18					
G	1	Loblolly Pine	12	0.79	7.90	10,065.38	0.23	6.93	
	2	Loblolly Pine	14	1.07					
	3	Loblolly Pine	18	1.77					
	4	Loblolly Pine	14	1.07					
	5	Loblolly Pine	14	1.07					
	6	Loblolly Pine	14	1.07					
	7	Loblolly Pine	14	1.07					
H	1	Loblolly Pine	12	0.79	9.62	12,473.92	0.29	8.59	
	2	Loblolly Pine	18	1.77					
	3	Loblolly Pine	14	1.07					
	4	Loblolly Pine	14	1.07					
	5	Loblolly Pine	14	1.07					
	6	Loblolly Pine	16	1.40					
	7	Loblolly Pine	14	1.07					
	8	Loblolly Pine	16	1.40					
I	1	Loblolly Pine	20	2.18	2.97	4,000.00	0.09	2.75	
	2	Loblolly Pine	12	0.79					

Tree Conservation Plan Data Sheet

UDO Article 9.1 Tree Conservation

Project Name: Wake County Public Health Building
Gross Site Acres: 18.92 AC

UDO 9.1.4.B.1.a. & b. Secondary Tree Conservation Areas
(Include perimeter buffers and their alternate compliance areas) 1.89 AC 10%

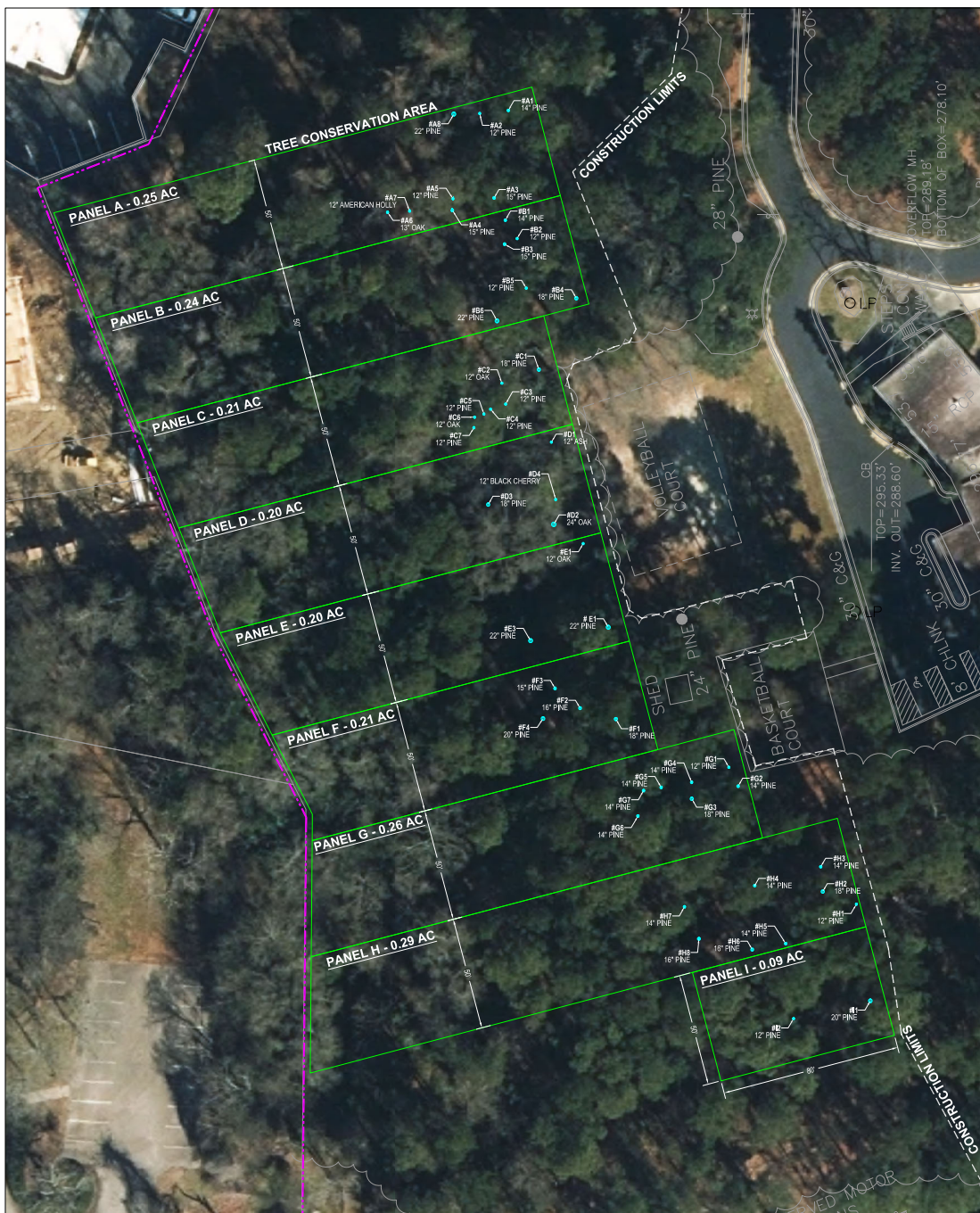
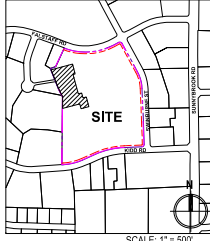
TOTAL ALL TREE CONSERVATION AREA PROVIDED: 1.90 AC 10%

Tree Conservation Area Plat Statement

This statement is to be included on all plats with Tree Conservation Areas:

"Tree Conservation Areas are strictly protected by the City of Raleigh. No soil or tree disturbing activity shall take place within tree conservation areas; including: changes to vegetative cover, stabilization of a structure or fence, road or walkway construction, tree removal or pruning, chemical or biological agent application, permanent or temporary encroachments of impervious surfaces, vehicles, equipment or materials."

KEY MAP



TREE CONSERVATION PLAN

1" = 20' - 0"



O'BRIEN ATKINS

Architectural
Engineering
Planning
Landscape Design
Civil Engineering
Surveying
Environmental
Construction Management

REVISION SCHEDULE

REV #	DESCRIPTION	DATE
001	CON RESPONSES	03/20/21
002	CON RESPONSES	03/17/21
003	CON RESPONSES	03/17/21

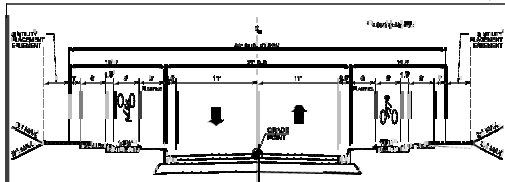
WAKE COUNTY PUBLIC HEALTH BUILDING - SITE

WAKE COUNTY
NORTH CAROLINA

DESIGNED BY: [Name]
DATE: 03/20/21

10101
Tree Conservation Plan

EXISTING ROW WIDTH 60'
DEDICATED ROW WIDTH 66'



NOTE:

1. THE FOLLOWING INFORMATION IS BASED ON THE INFORMATION IN THE READING PASSAGE.
2. THE ANSWERS MUST BE CHOSEN FROM THE LIST OF WORDS AND PHRASES IN THE BOX. YOU MAY USE THE WORDS AND PHRASES MORE THAN ONCE.
3. THE ANSWERS MUST BE WRITTEN IN THE SPACES AT THE END OF EACH QUESTION.
4. THE ANSWERS MUST BE WRITTEN IN CAPITAL LETTERS.
5. THE ANSWERS MUST BE WRITTEN IN THE SPACES AT THE END OF EACH QUESTION.
6. THE ANSWERS MUST BE WRITTEN IN CAPITAL LETTERS.
7. THE ANSWERS MUST BE WRITTEN IN CAPITAL LETTERS.
8. THE ANSWERS MUST BE WRITTEN IN CAPITAL LETTERS.
9. THE ANSWERS MUST BE WRITTEN IN CAPITAL LETTERS.
10. THE ANSWERS MUST BE WRITTEN IN CAPITAL LETTERS.

GENERAL	
WORK DAY TYPE	WEEKDAY
WEEKDAY TYPE	CUSTOMER SERVICE
WEEKEND TYPE	WEEKEND
TRIP CLASS	STANDARD
TRIP TYPE	ONE-WAY

3. 0000
 4. 0000
 5. 0000

10% OF SITE AREA REQUIRED = 82,321.47 SQ. FT. MIN.
OUTDOOR AMENITY AREA PROVIDED: 90,094.82 SQ. FT. / 10.93%

→ BUILDING WIDTH IN PRIMARY BUILD-TO: (UDO 3.4.5-C.2)

KIDD RD - 25% MIN. REQUIRED = 25% x 840.58 FT = 210.14 FT MIN.

185.25 FT EXISTING SWINBURNE BUILDING / 840.58 FT = 22.04%

MATCH LINE: L1101
MATCH LINE: L1102

SEE L0101
TREE CONSERVATION PLAN

~~MATCH LINE: L1102~~
~~MATCH LINE: L1104~~

MATCH LINE: L1102 - MID BLOCK
MATCH LINE: L1103 - SOUTH BLOCK - EAST

- - - - - EXISTING R.O.W. LINE
 - - - - - FUTURE R.O.W. LINE
 - - - - - FUTURE 5' SETBACK LINE
 - - - - - BUILD-TO LINE
 | - - - - | SITE WIDTH MEASUREMENT
 - - - - - CONSTRUCTION LIMITS LINE
 [] OUTDOOR AMENITY AREA
 - - - - - FIRE HOSE LINE

OVERALL LAYOUT PLAN
1" = 50' - 0"



REV.#	DESCRIPTION	DATE
△	COR RESPONSES CYCLE 1	01/03/23
△	COR RESPONSES CYCLE 2	03/17/23
△	COR RESPONSES CYCLE 3	04/12/23

30000 Publisher Pl., Raleigh, NC 27610



ISSUED SETS

NO SITE PLAN SUBMITTAL	08/30/2022
NO SITE PLAN SUBMITTAL	01/30/2023
NO SITE PLAN SUBMITTAL	03/17/2023
WITH SITE PLAN SUBMITTAL	04/13/2023

Drawn By	KW
Project No.	2020031

L1100

Overall Layout Plan

PAVING MATERIAL TABLE

UNIT PAVEMENT - HANDOVER PLANKSTONE PAVEMENT

SIZE: 6" x 24" x 2"
COLOR: CHARCOAL - 33%
NATURAL - 33%
TAN - 33%
FINISH: TUDOR
PATTERN: X RUNNING BOND

UNIT PAVEMENT C - HANDOVER APPALACHIAN DESIGN PAVEMENT

SIZE: 3" x 8" x 2", 4" x 8" x 2", 6" x 8" x 2"
COLOR: NEW HICKORY
FINISH: CHISELED
PATTERN: RUNNING BOND

UNIT PAVEMENT D - HANDOVER ASPHALT BLOCK PAVEMENT

SIZE: 6" x 12" x 3"
COLOR: NATURAL A8033
FINISH: GROUND TUDOR
PATTERN: W/ DOUBLE HERRING BONE

COLOR CONCRETE PAVING A - DAVIS COLOR

COLOR: MOCHA 008
JOINTS SPACING: 8' x 8'

COLOR CONCRETE PAVING B - DAVIS COLOR

COLOR: OMAHA TAN 5084
JOINTS SPACING: 4' x 4'

STANDARD CONCRETE PAVING

STANDARD HEAVY DUTY CONCRETE PAVING

RADIUS KEY:

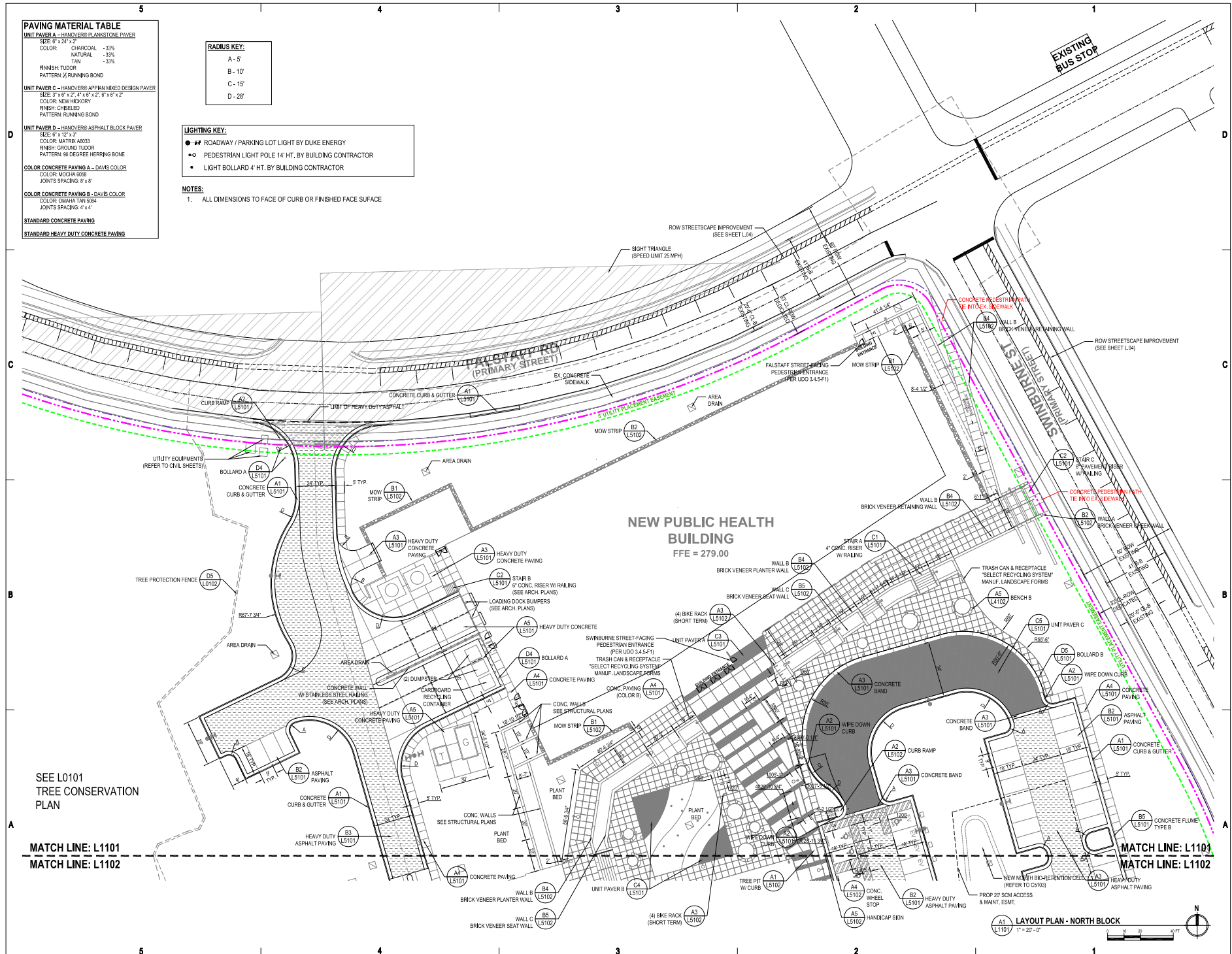
A - 5'
B - 10'
C - 15'
D - 20'

LIGHTING KEY:

- ROADWAY / PARKING LOT LIGHT BY DUKE ENERGY
- PEDESTRIAN LIGHT POLE 14' HT. BY BUILDING CONTRACTOR
- LIGHT BOLLARD 4' HT. BY BUILDING CONTRACTOR

NOTES:

- ALL DIMENSIONS TO FACE OF CURB OR FINISHED FACE SURFACE



SEE L0101
TREE CONSERVATION
PLAN

MATCH LINE: L1101
MATCH LINE: L1102

MATCH LINE: L1101
MATCH LINE: L1102

LAYOUT PLAN - NORTH BLOCK



O'BRIEN ATKINS

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1000 North Main Street, Suite 100
Raleigh, NC 27601
919.978.1000
www.obriens.com

REVISION SCHEDULE

REV.	DESCRIPTION	DATE
1	CONCEPTUAL DESIGN	10/20/20
2	CONCEPTUAL DESIGN	10/20/20
3	CONCEPTUAL DESIGN	10/20/20
4	CONCEPTUAL DESIGN	10/20/20

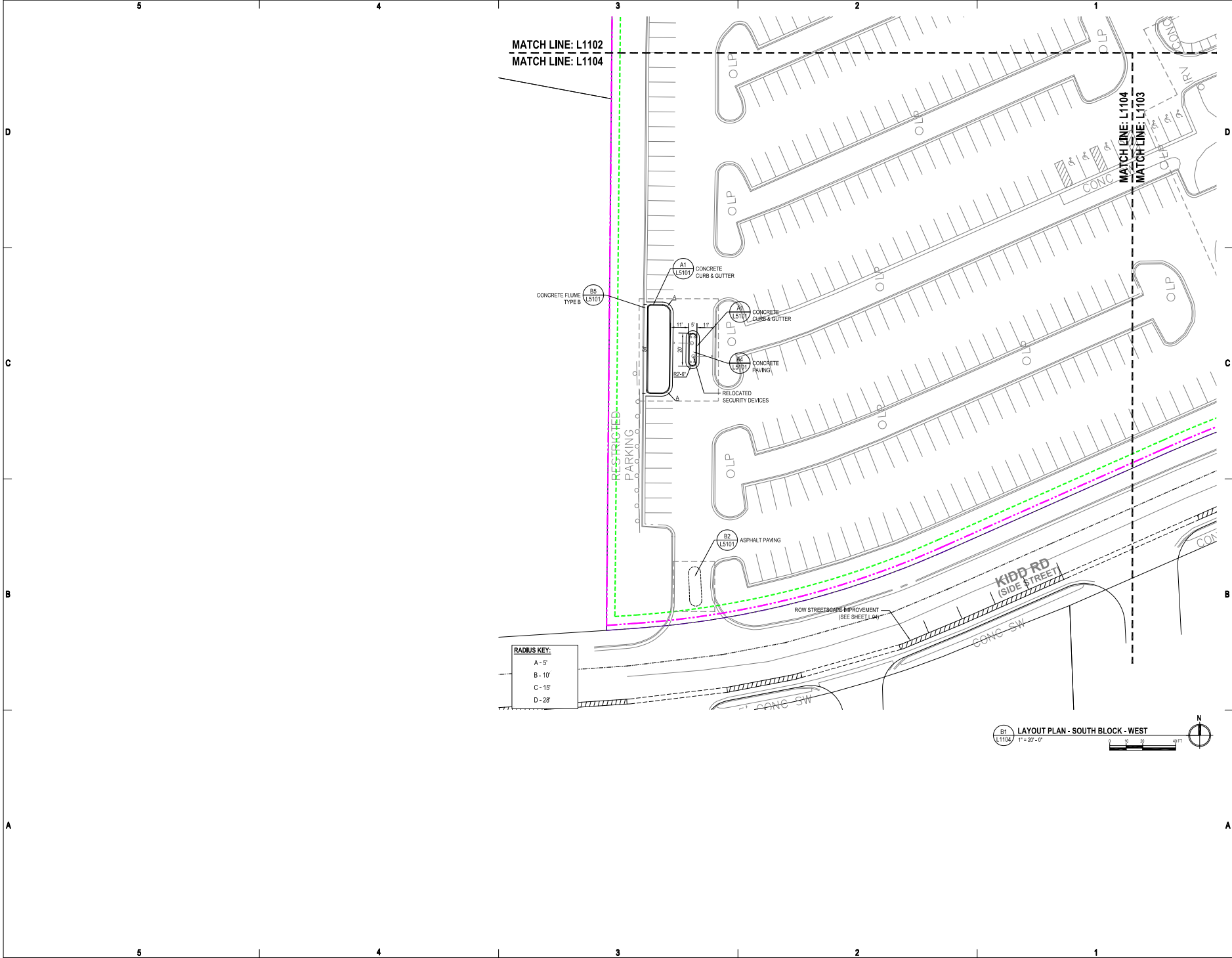
WAKE COUNTY PUBLIC HEALTH BUILDING - SITE

WAKE COUNTY
NORTH CAROLINA

DESIGNED BY: KCI

PROJECT NO.: 2020031

L1101
Layout Plan
North Block



O'BRIEN ATKINS

Architects
Engineers
Planners
Interior Designers
Landscape Architects
Civil Engineers
Surveyors
Environmental Scientists
Historic Preservationists
Urban Designers
Transportation Engineers
Water Resources Engineers
Energy Engineers
Construction Managers

REVISION SCHEDULE

REV #	DESCRIPTION	DATE
1	CONCEPTUAL DESIGN	11/20/22
2	CONCEPTUAL DESIGN	11/20/22
3	CONCEPTUAL DESIGN	11/20/22
4	CONCEPTUAL DESIGN	11/20/22

WAKE COUNTY PUBLIC HEALTH BUILDING - SITE

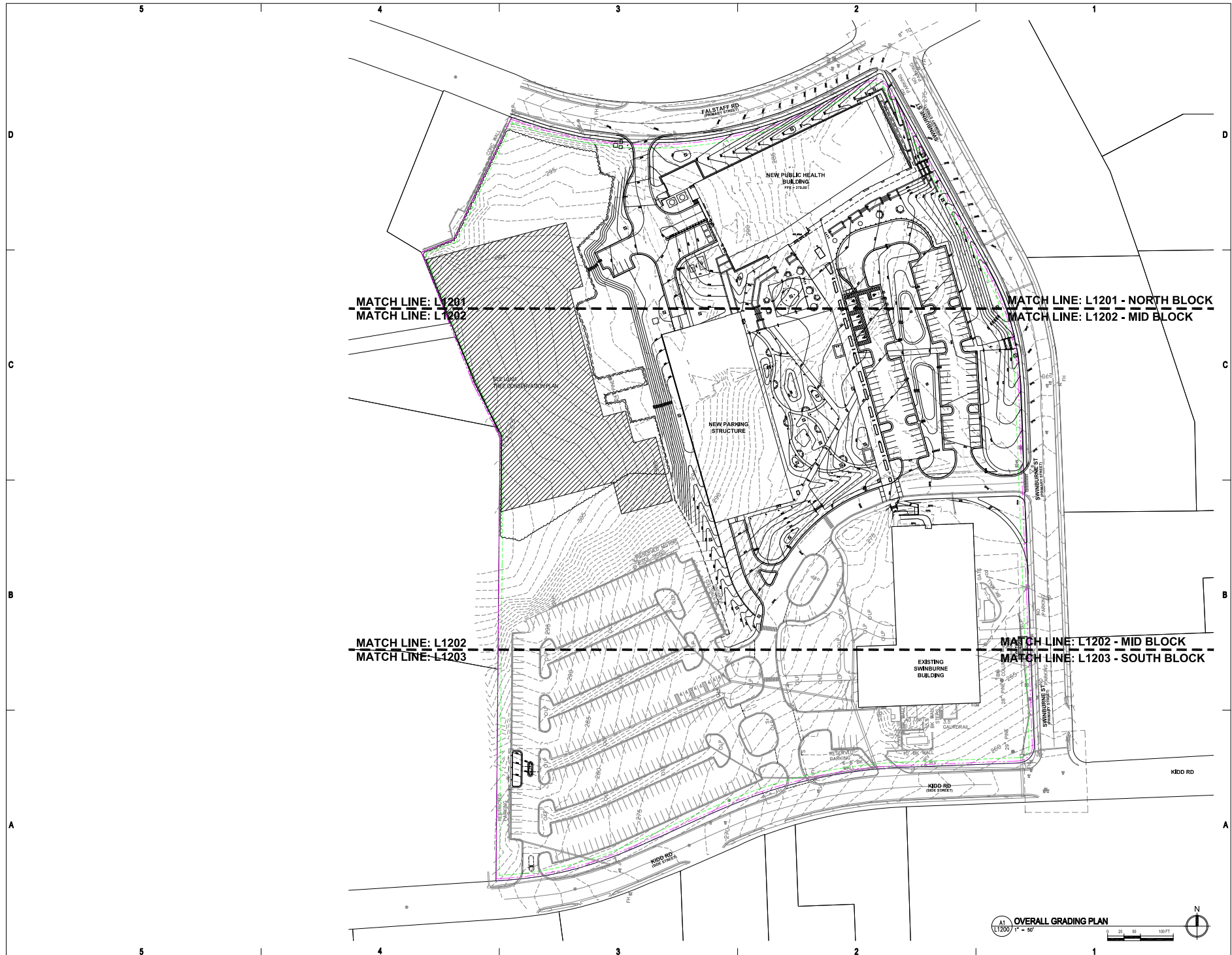
WAKE COUNTY
NORTH CAROLINA

DESIGNED BY:

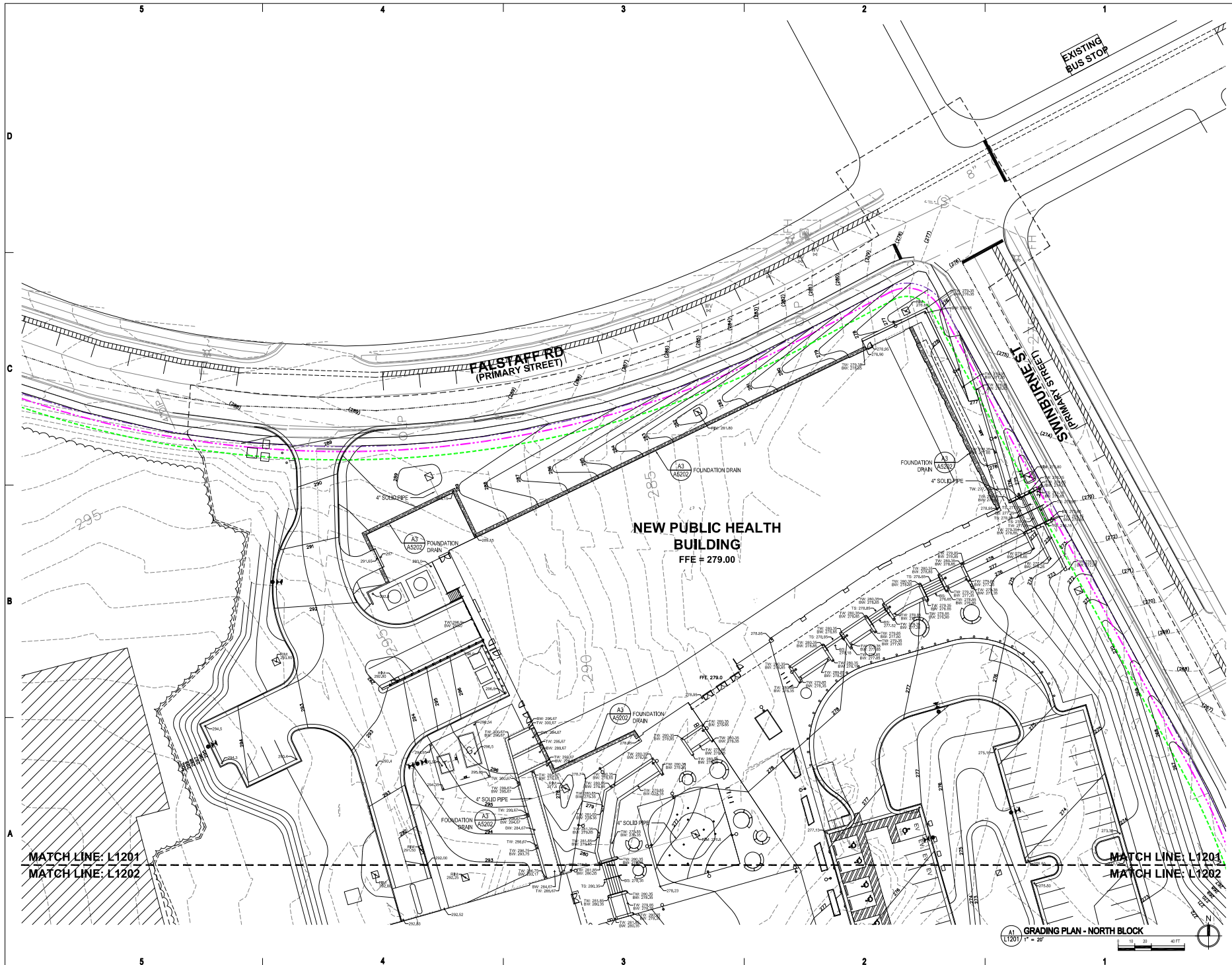
DATE	DESCRIPTION
11/20/22	PRELIMINARY DESIGN
11/20/22	PRELIMINARY DESIGN
11/20/22	PRELIMINARY DESIGN
11/20/22	PRELIMINARY DESIGN
11/20/22	PRELIMINARY DESIGN

Drawn By: KCV
Project No.: 2020031

L1104
Layout Plan
South Block - West



REV #	DESCRIPTION	DATE
1	CONSTRUCTION	11/10/20 </td
2	CONSTRUCTION	11/10/20
3	CONSTRUCTION	11/10/20
4	CONSTRUCTION	11/10/20



O'BRIEN ATKINS

Architectural
Engineering
Construction
Planning
Interior Design
Landscape Architecture
Civil Engineering
Surveying
Environmental
Historic Preservation

REVISION SCHEDULE

REV #	DESCRIPTION	DATE
1	CONCEPTUAL	11/2021
2	CONCEPTUAL	12/2021
3	CONCEPTUAL	01/2022
4	CONCEPTUAL	02/2022

**WAKE COUNTY PUBLIC
HEALTH BUILDING - SITE**

WAKE COUNTY
NORTH CAROLINA

20200001

ISSUED SETS

100% PLAN SUBMITTAL

90% PLAN SUBMITTAL

80% PLAN SUBMITTAL

40% PLAN SUBMITTAL

100% PLAN SUBMITTAL

90% PLAN SUBMITTAL

80% PLAN SUBMITTAL

40% PLAN SUBMITTAL

Drawn By: KCV

Project No: 20200001

100% PLAN SUBMITTAL

90% PLAN SUBMITTAL

80% PLAN SUBMITTAL

40% PLAN SUBMITTAL

L1201

Grading Plan
North Block

100% PLAN SUBMITTAL

90% PLAN SUBMITTAL

80% PLAN SUBMITTAL

40% PLAN SUBMITTAL



O'BRIEN ATKINS

Architectural
Engineering
Planning
Interior Design
Landscape Architecture
Civil Engineering
Surveying
Environmental
Construction Management

REVISION SCHEDULE

REV #	DESCRIPTION	DATE
1	CONCEPTUAL	11/2021
2	CONCEPTUAL	11/2021
3	CONCEPTUAL	11/2021
4	CONCEPTUAL	11/2021

WAKE COUNTY PUBLIC HEALTH BUILDING - SITE

WAKE COUNTY

NORTH CAROLINA

DESIGNED BY

DATE PLAN SUBMITTED

DATE SITE PLAN SUBMITTED

DATE SITE PLAN SUBMITTED

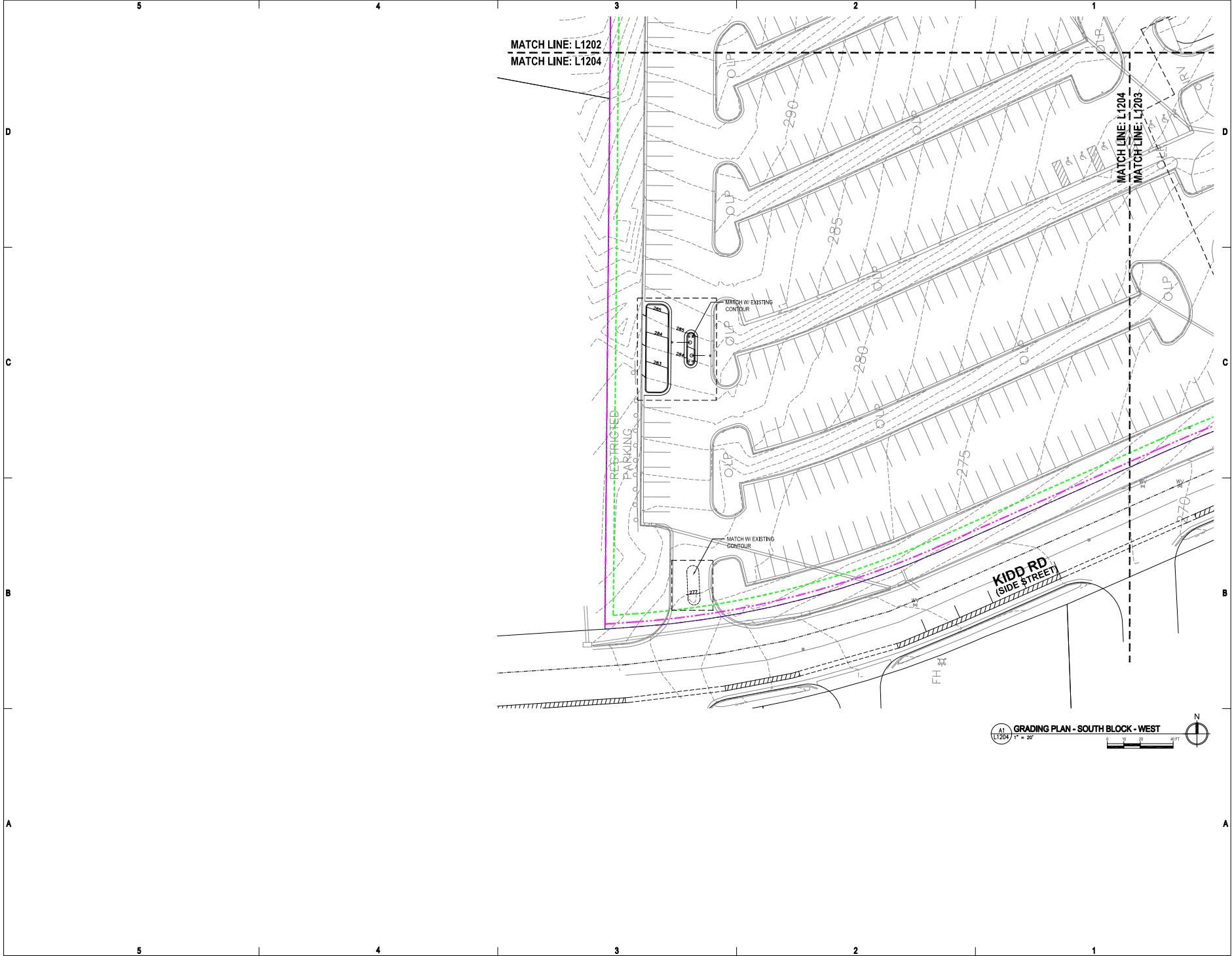
DATE SITE PLAN SUBMITTED

Drawn By: KCV

Project No: 2020031

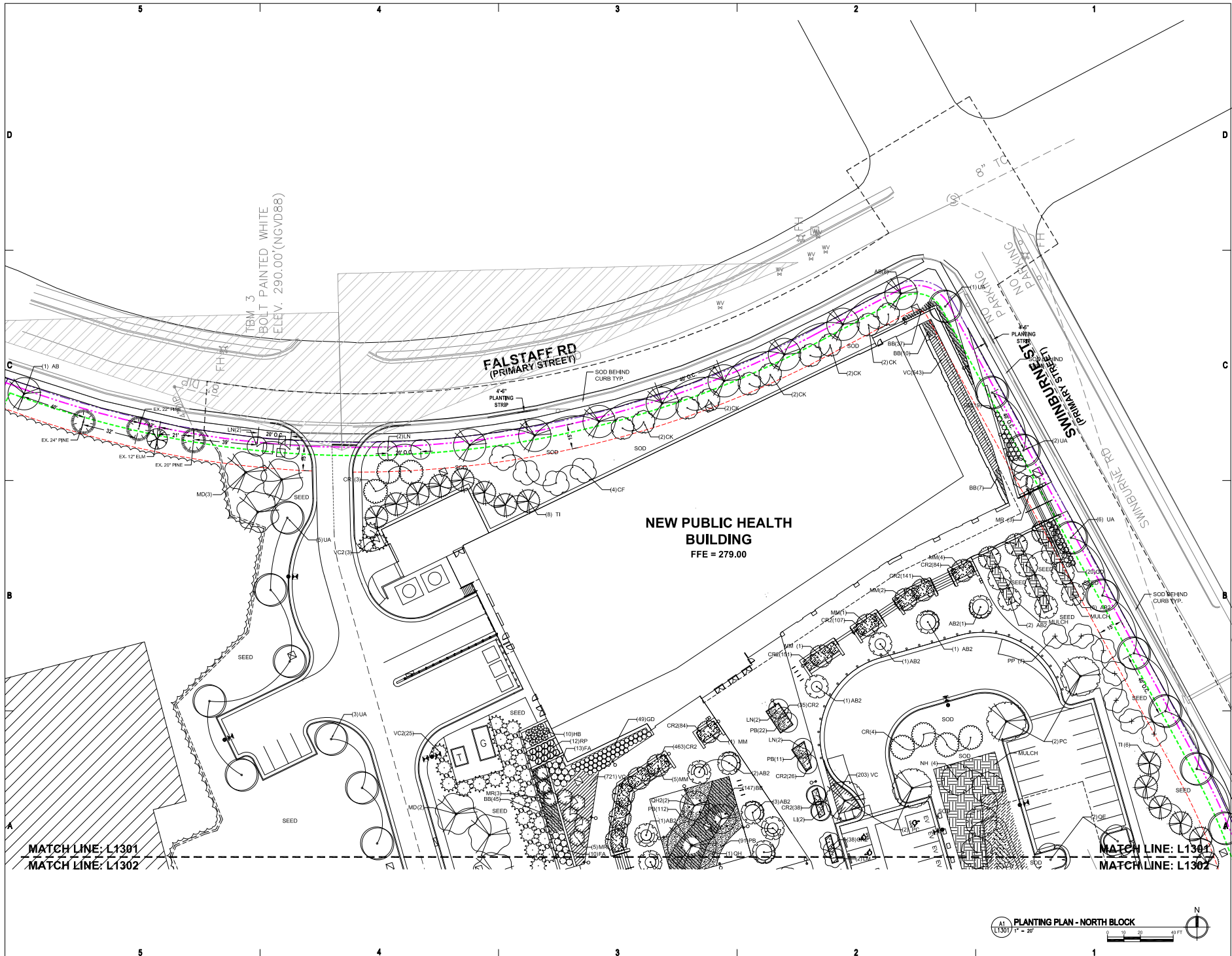
L1202

Grading Plan
Mid Block



REV #	DESCRIPTION	DATE
1	CONCEPTUAL	11/20/21
2	CONCEPTUAL	12/17/21
3	CONCEPTUAL	12/17/21

ISSUED SETS
10% SITE PLAN SUBMITTAL 08/20/20
30% SITE PLAN SUBMITTAL 08/20/20
50% SITE PLAN SUBMITTAL 08/20/20
60% SITE PLAN SUBMITTAL 08/20/20



REV #	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	11/19/21
2	CONSTRUCTION	11/19/21
3	CONSTRUCTION	11/19/21
4	CONSTRUCTION	11/19/21

**WAKE COUNTY PUBLIC
HEALTH BUILDING - SITE**

WAKE COUNTY
NORTH CAROLINA

20000

ISSUED SETS

100% SITE PLAN SUBMITTAL, 10/20/21

90% SITE PLAN SUBMITTAL, 10/20/21

80% SITE PLAN SUBMITTAL, 10/20/21

40% SITE PLAN SUBMITTAL, 10/20/21

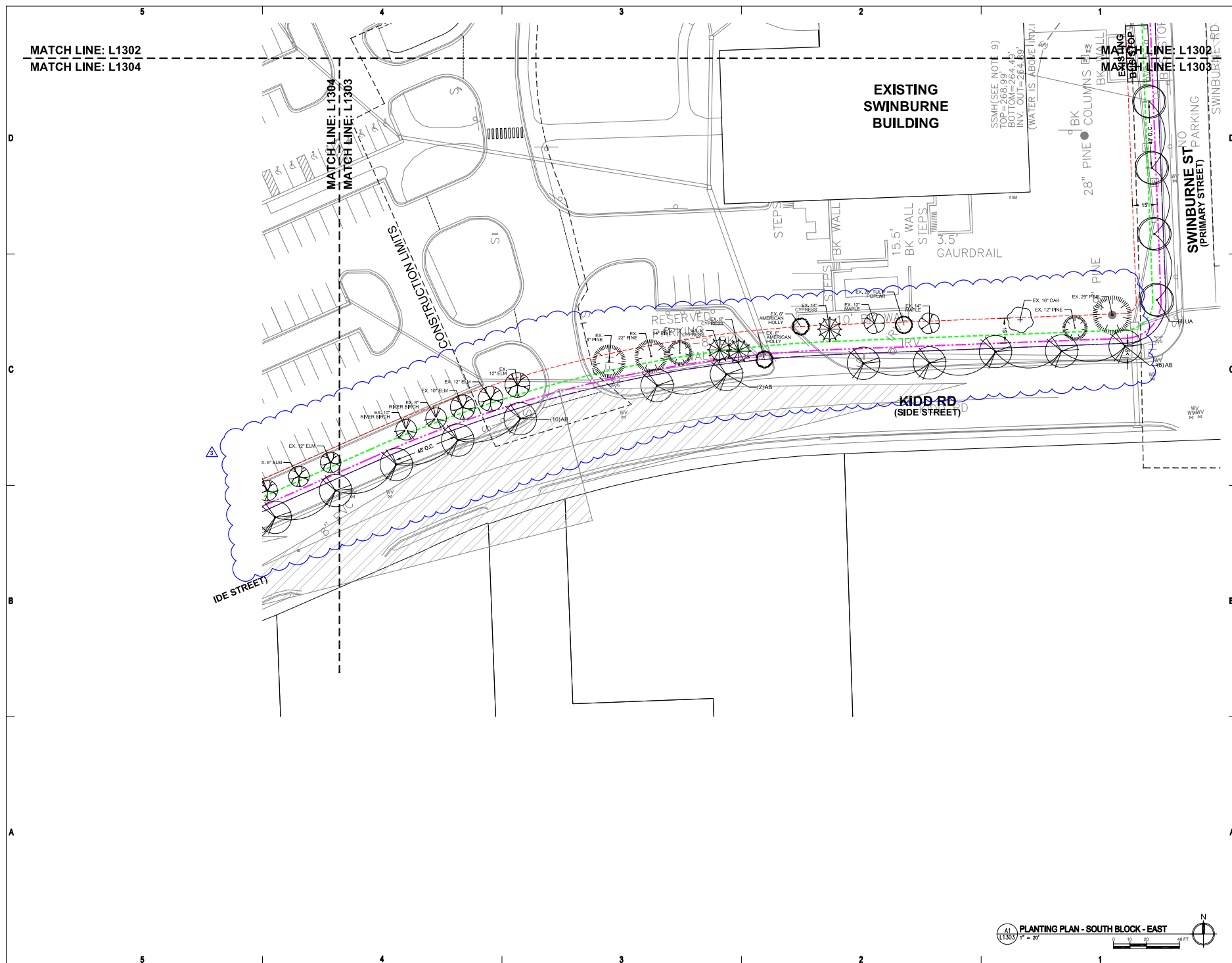
Drawn By: KCV
Project No.: 20200201

L1301
Planting Plan
North Block

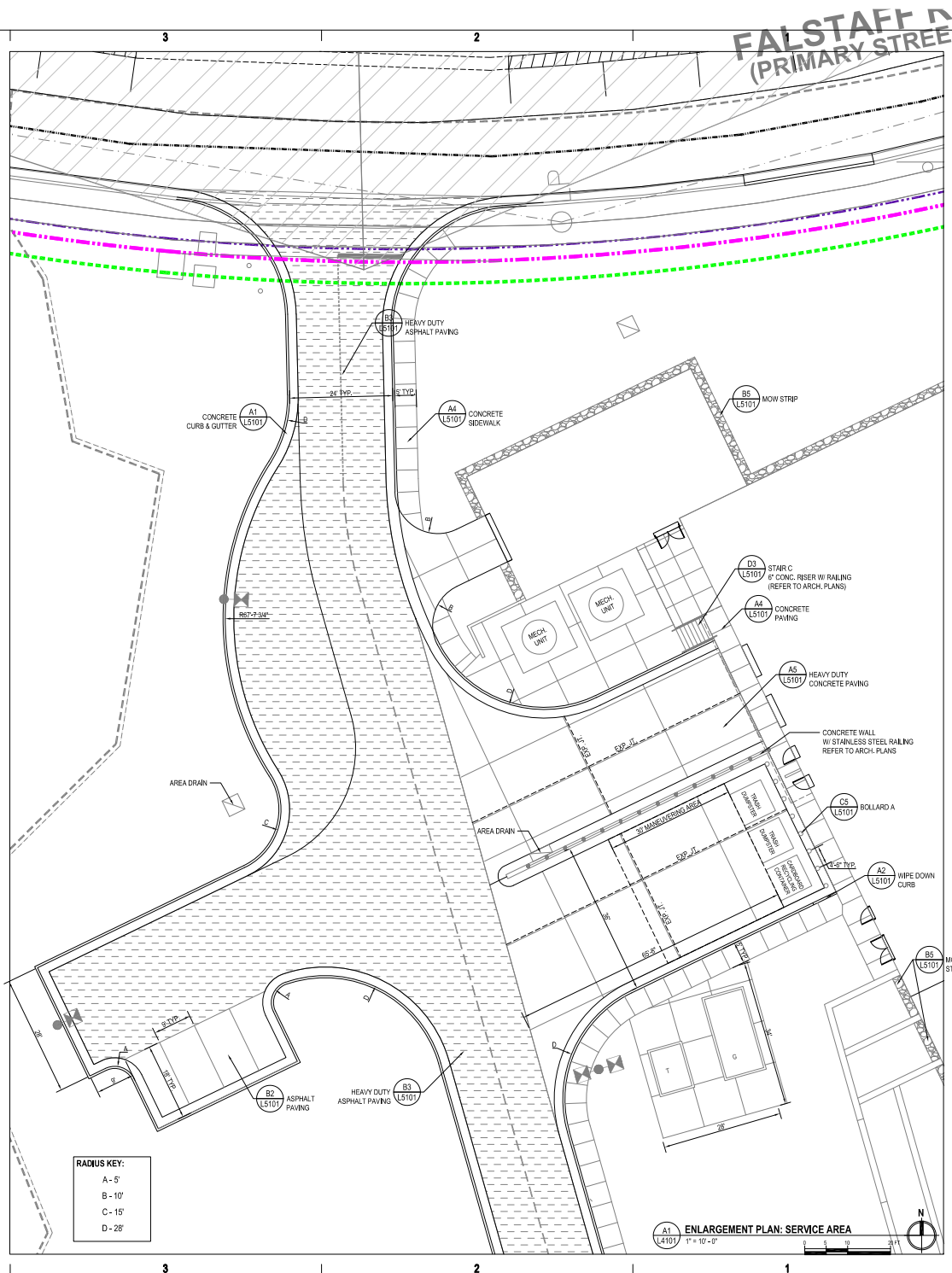


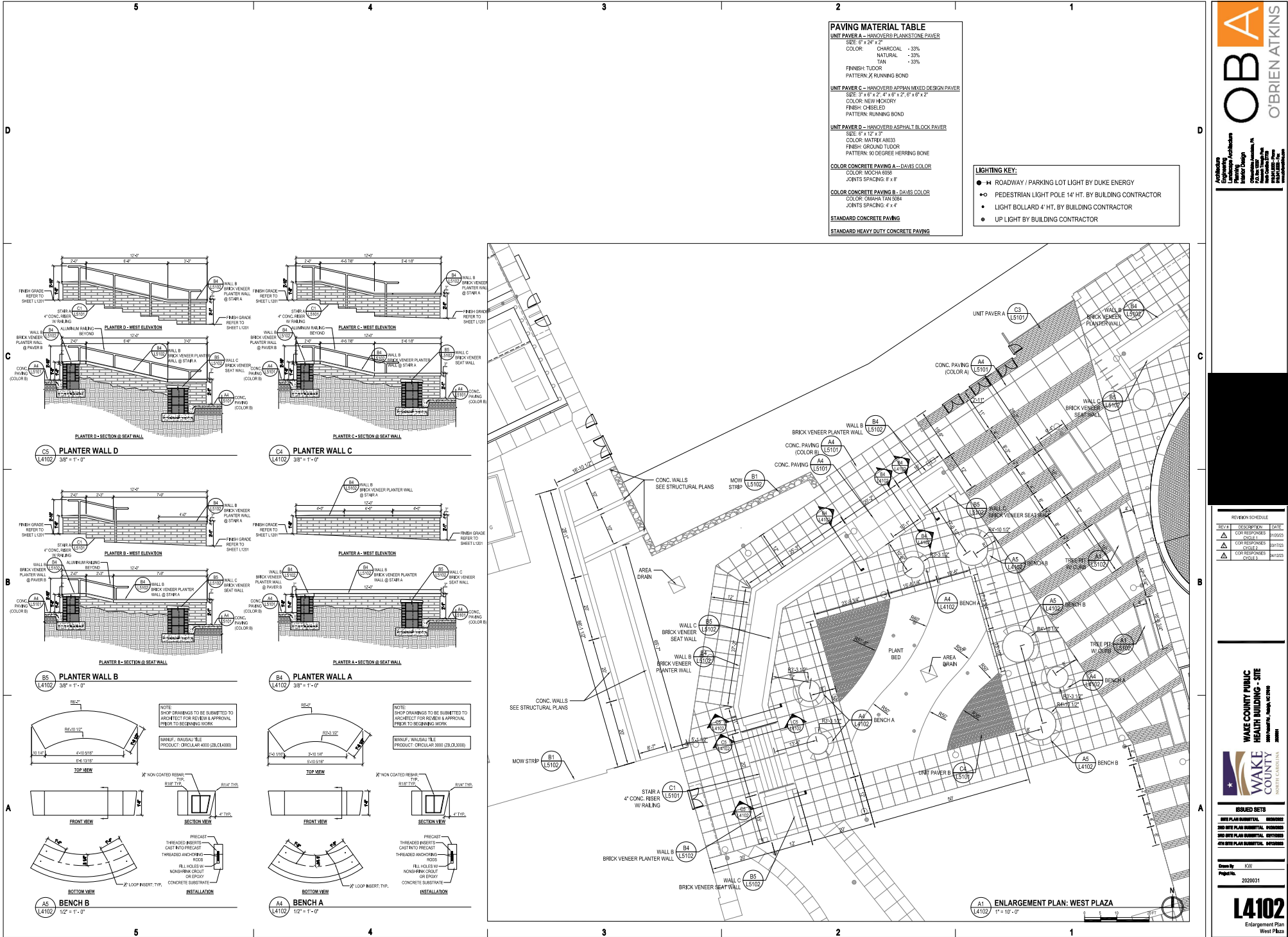
REV #	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	11/20/21
2	FOR RESPONSES	12/15/21
3	FOR RESPONSES	01/12/22
4	FOR RESPONSES	04/12/22

ISSUED SETS
10% PLAN SUBMITTAL
30% PLAN SUBMITTAL
50% PLAN SUBMITTAL
60% PLAN SUBMITTAL
70% PLAN SUBMITTAL
80% PLAN SUBMITTAL
90% PLAN SUBMITTAL
100% PLAN SUBMITTAL



REVISION SCHEDULE		
REV #	DESCRIPTION	DATE
⚠	COIR RESPONSES CYCLE 1	01/20/23
⚠	COIR RESPONSES CYCLE 2	03/17/23
⚠	COIR RESPONSES CYCLE 3	04/12/23





O'Brien Atkins

Architectural
Engineering
Planning
Interior Design
Landscape Architecture
Civil Engineering
Surveying
3000 Peachtree Road, Suite 200
Atlanta, GA 30328
404.525.8800
www.obrienatkins.com

WAKE COUNTY PUBLIC HEALTH BUILDING - SITE

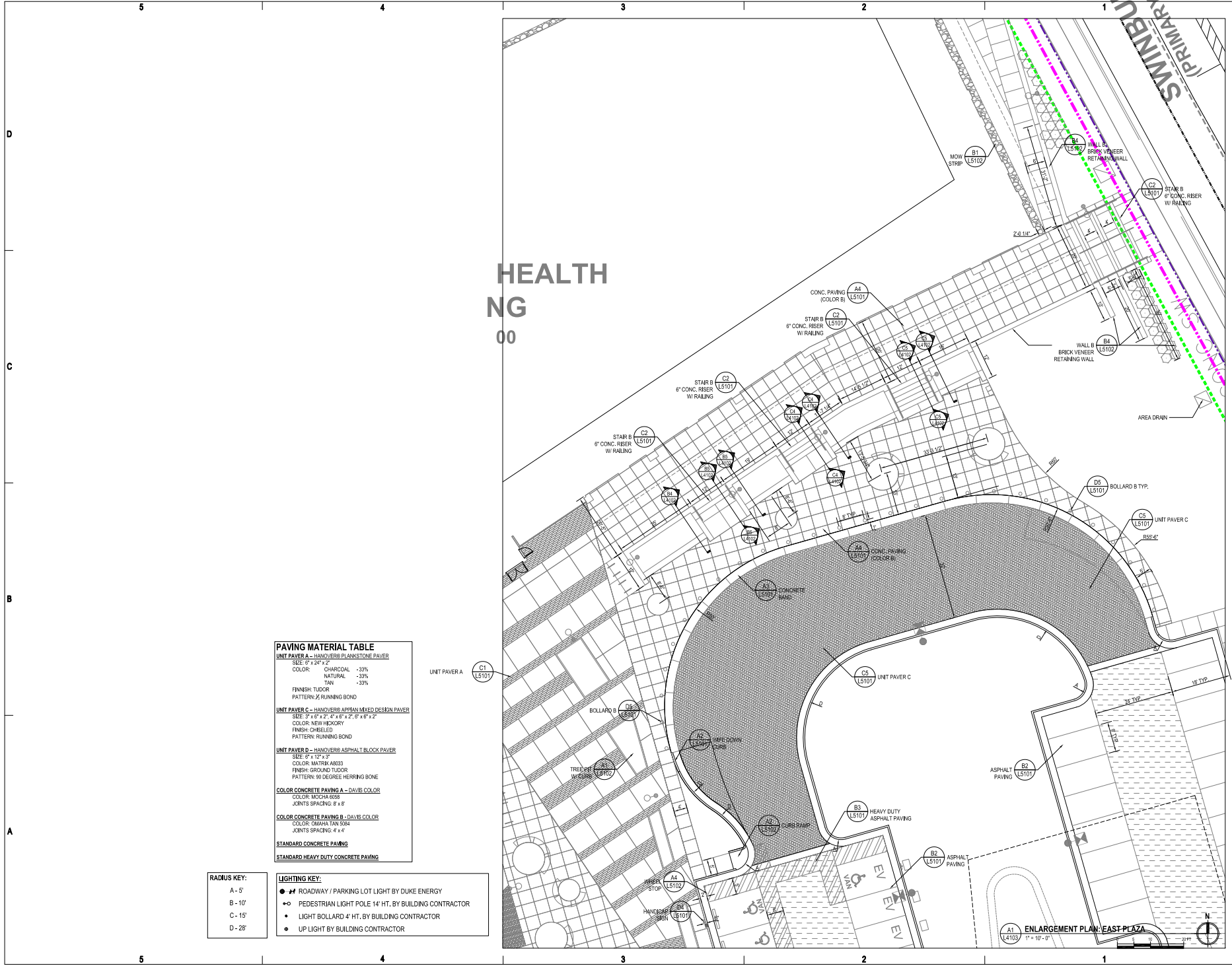
WAKE COUNTY

DESIGNED SETS

3RD SITE PLAN SUBMITTAL, 08/2020
3RD SITE PLAN SUBMITTAL, 08/2020
4TH SITE PLAN SUBMITTAL, 04/2021

Drawn By: KVV
Project No.: 2020031

L4102
Enlargement Plan
West Plaza



O'BRIEN ATKINS

Architects
Engineers
Planners
Interior Designers
Landscape Architects
Civil Engineers
Surveyors
Environmental Engineers
Construction Managers

10000 Old Wake Road, Suite 100
Wake Forest, NC 27886
Phone: 919.790.1000
Fax: 919.790.1001
www.oba.com

WAKE COUNTY PUBLIC HEALTH BUILDING - SITE

2020001

WAKE COUNTY

NORTH CAROLINA

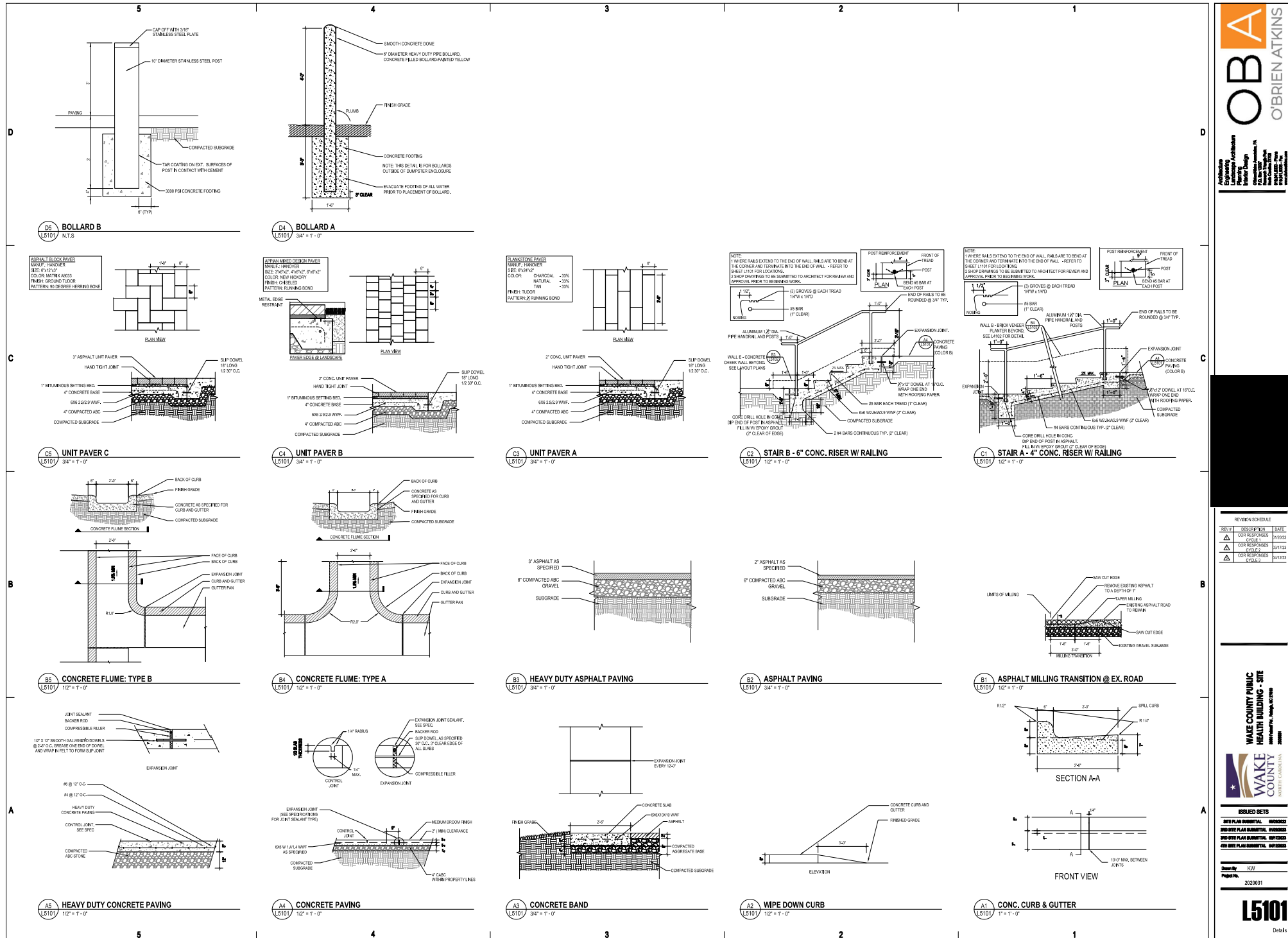
DESIGNED BY:

2020 SITE PLAN SUBMITTAL, 04/20/2020
2020 SITE PLAN SUBMITTAL, 04/20/2020
4/20 SITE PLAN SUBMITTAL, 04/20/2020

Drawn By: KCV
Project No.: 2020001

L4103

Enlargement Plan
East Plaza





DO NOT PRUNE LEAVES, PRUNE OR CUT ONLY DEAD OR DAMAGED BRANCHES TO MEET ANY LOCAL STANDARDS AND/OR STATE STANDARDS

REMOVE EXCESS SOIL TO EXPOSE THE ROOT FLARE. THE ROOT FLARE SHALL BE PLANTED AT GRADE. NO MORE THAN 2 INCHES GRADE ABOVE THE ROOT FLARE. TREE SHALL BE SET PLUMB

MAXIMUM DEPTH NOT MORE THAN 1/2" BELOW 1" FROM AROUND ROOT BALL. ROOTS CUT BY SOIL OR STRUCTURAL SOIL REQUIRED FOR TREE

PLANTING SOIL MIX AROUND ROOT BALL. USE CUT OF SOIL OR STRUCTURAL SOIL REQUIRED FOR TREE

COMPLETELY REMOVE TOP HALF OF PLANTING STRIPS. WALK AND WRECK BRANCHES AND BRACED FROM HOLE. ALL SYNTHEIC SURPLAP MUST BE REMOVED FROM BACK OF ROOT BALL

ROOT BALL SHALL BE PLACED DIRECTLY ON COMPACTED SUBGRADE. HANDLE TREE BY THE ROOT BALL ONLY

3X ROOT BALL DIAMETER

Technical drawing of a window sill cross-section. The drawing shows a brick veneer on a concrete block wall, with a concrete sill and a concrete substrate. The wall is labeled 'BRICK VENEER' and 'CONCRETE SUBSTRATE'. The sill is labeled 'CONCRETE SILL'. The wall is labeled 'CONCRETE BLOCK WALL'. The drawing includes dimensions: 1'-0" for the wall height, 1'-0" for the wall width, 1'-0" for the sill width, 1'-0" for the substrate width, and 1'-0" for the wall thickness. The drawing also includes labels for 'ANCHOR PIN (TYP.)', 'CAST STONE CAP', 'CHAMFER CORNER (TYP.)', 'MEMBRANE FLASHING', 'BRICK VENEER 3 1/2" x 7 1/2" x 1 1/2"', 'PLAYING BED', and 'CONCRETE SUBSTRATE'. A circular callout on the left indicates a 'CUT' section.

WHEELCHAIR ACCESSIBLE

FINISHED GRADE

COMPACTED SUB-SUBGRADE

CONCRETE FOOTING

7" SQUARE GALVANIZED ALUM. TURNING TYP. POWDERED COATED BLACK

FINISHED GRADE

WHEELCHAIR ACCESSIBLE

STANDARD RAMP

NOTE:
1. ALL RIMS SHOWN SHALL CONFORM TO ALL MINIMUM SPECIFICATIONS.
2. ALL RIMS SHOWN SHALL BE RESECTIONED TO SHOW THE SAME COLOR AS THE SURFACE.
3. ALL RIMS SHALL BE SECURELY MOUNTED ON POPS.
4. INSTALL QUANTITY AND AT LOCATIONS REQUIRED TO MEET CURRENT AND ALL APPLICABLE RELEASE CODES.



NOTES:

1. TREES MUST MEET THE TREE QUALITY STANDARDS PLANT 2 OF THE CITY TREE MANUAL.
2. CONTRACTOR IS RESPONSIBLE FOR ADEQUATE DRAINAGE OF ALL PLANTING PITS. (POSITIVE DRAINAGE AWAY FROM PIT)
3. TREES SHALL BE PLANTED BETWEEN OCTOBER 1ST AND APRIL 30TH.
4. A TREE IMPACT PERMIT IS REQUIRED.
5. ELECTRICAL OUTLETS AND OTHER UTILITIES ARE PROHIBITED IN THE PLANTING AREA IMMEDIATELY SURROUNDING THE TREE.
6. IF STAKING IN ACCORDANCE WITH THE CITY TREE MANUAL, THE STAKING MUST BE REMOVED WITHIN ONE YEAR.
7. TREES WILL HAVE A MINIMUM 1 YEAR WARRANTY AFTER THE INITIAL PLANTING IS APPROVED BY THE CITY.

STAINLESS STEEL
SKATEBOARDER DETERRENT

14"

ANCHOR PIN (TYP.)

CAST STONE CAP

1/2" CHAMFER CORNER (TYP.)

MEMBRANE FLASHING

BRICK VENEER
3/8" (TYP.)

1" CMU

1/2" CMU

1/2" CMU

1/2" CMU

COMPACTED SUBGRADE

6 in = 1'-0"

PLANTER WALL @ UNIT PAVER B

A cross-sectional diagram of a concrete curb and wheel stop assembly. The diagram shows a concrete curb on the left, a precast concrete wheel stop in the center, and a stone base on the right. The curb is labeled 'CONCRETE WALK AS SHOWN ON PLAN' and 'EXPANDED JOINT FILLED WITH CAULK'. The wheel stop is labeled '4" DIA. REIN BAR 18" LONG 2 PER WHEEL STOP - TYP.' and 'PRECAST CONCRETE WHEEL STOP, TYP.'. The stone base is labeled 'STONE BASE, TYP.' and 'ASPHALT FINING, TYP.'. The subgrade is labeled 'EXISTING SUBGRADE'. Dimensions are shown: 2'-0" for the curb width, 1'-0" for the wheel stop width, and 1'-0" for the stone base width.



SOLAR EDGE BACK
 MANUF.: LANDSCAPE FORMS
 COLOR: STAINLESS STEEL

The diagram illustrates the construction details of the Solar Edge Back. The top view shows a rectangular base with a width of 2'-0". The side view shows a curved backrest with a height of 48" and a radius of R'9". The cross-section view shows the backrest supported by two vertical posts, each labeled "1 1/2\" TUBING". The posts are anchored into a concrete foundation, which is shown with a "CORE DRILL" hole. The distance between the posts is 3'-0" THRU.

ALUMINUM
STAIR RAILING

CONCRETE WALL

1'-0"

7" DIAMETER (TYP.)

2" CLEAR TYP.

CONCRETE FOOTING

COMPACTED
SUBGRADE

6d #2 X 82.9

NOTE:
SHAP DRAWINGS TO BE SUBMITTED TO ARCHITECT
FOR REVIEW AND APPROVAL PRIOR TO BEGINNING WORK
FOR RAILING AND CHAIR WALL.

Technical drawing of a window sill cross-section. The drawing shows a concrete foundation with a compacted surface. A brick veneer is applied to the exterior wall, with a metal flashing at the base. A 2" clear type is shown for the window opening. An anchor pin (TYP) is shown in the concrete, and a cast stone cap is shown on top of the brick veneer. A sill pan is shown under the brick veneer. A note indicates that shop drawings must be submitted to and accepted for review and approval prior to beginning work.

Labels in the drawing include:

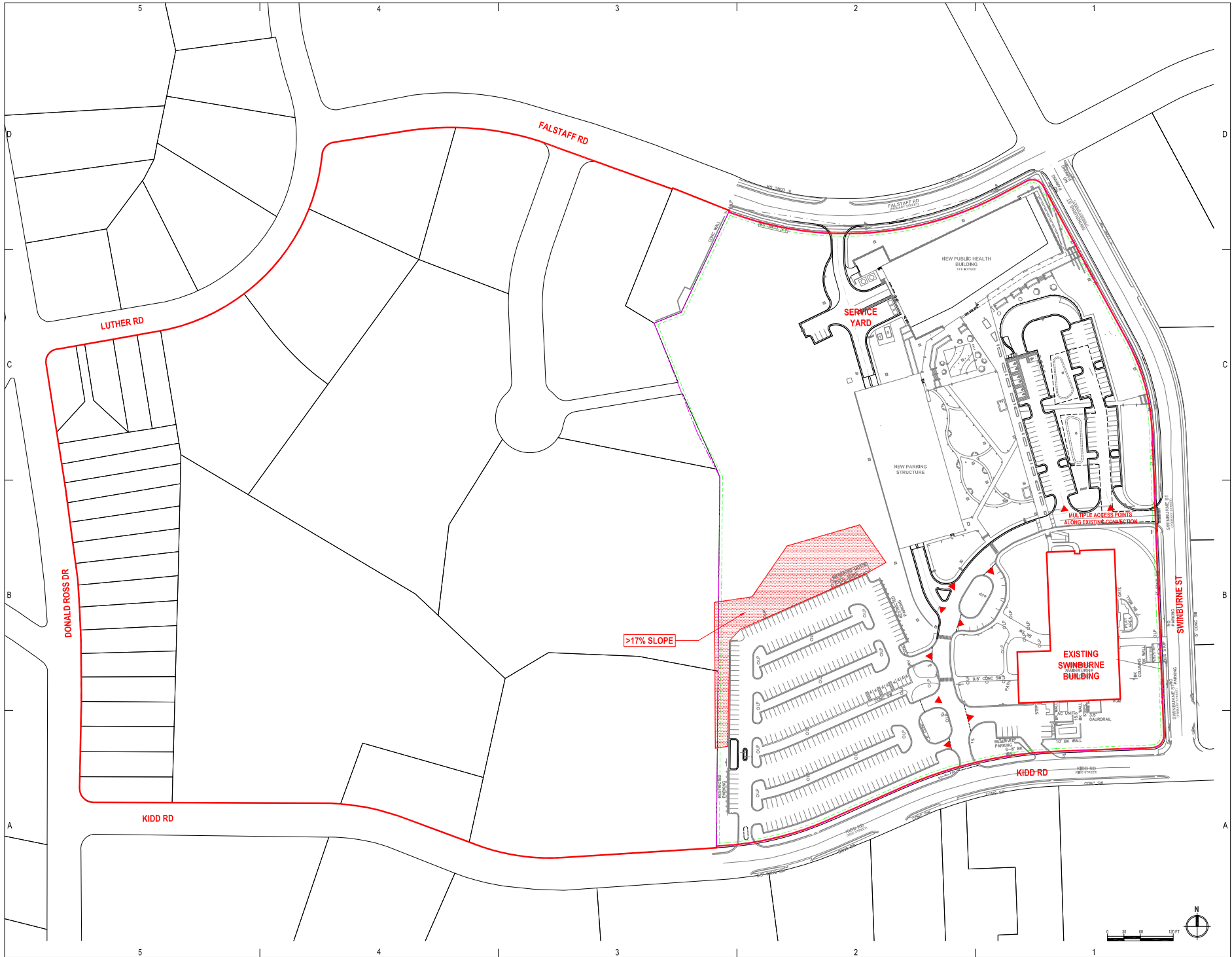
- ALUMINUM SILL FINISH
- ANCHOR PIN (TYP)
- CAST STONE CAP
- 2" CLEAR TYPE
- BRICK VENEER 1/4" (TYP)
- METAL FLASHING
- CONCRETE FOUNDATION
- COMPACTED SURFACE
- SILL PAN 1/2" x 2" x 1/2" (TYP)

NOTE:
SHOP DRAWINGS TO BE SUBMITTED TO AND ACCEPTED FOR REVIEW AND APPROVAL PRIOR TO BEGINNING WORK.

The diagram illustrates a roof truss system with the following components and dimensions:

- RAIL**: The top horizontal member of the truss.
- EXPANSION JOINT**: A joint in the rail, indicated by a vertical line.
- ATCH TO DRIVE**: A vertical member connecting the rail to the bottom chord.
- FACE OF CLAS**: The outer edge of the bottom chord.
- GUTTER PAN**: The sloped bottom member of the truss.
- Dimensions**:
 - $6'6"$: Horizontal distance from the left support to the expansion joint.
 - $1'6"$: Horizontal distance between the expansion joint and the right support.
 - $6'6"$: Horizontal distance from the right support to the end of the truss.
 - $1'12"$: Vertical height of the truss at the expansion joint.
 - $1'12"$: Vertical height of the truss at the right support.
- Labels**:
 - RAIL**: Points to the top horizontal member.
 - EXPANSION JOINT**: Points to the joint in the rail.
 - ATCH TO DRIVE**: Points to a vertical member.
 - FACE OF CLAS**: Points to the outer edge of the bottom chord.
 - GUTTER PAN**: Points to the sloped bottom member.

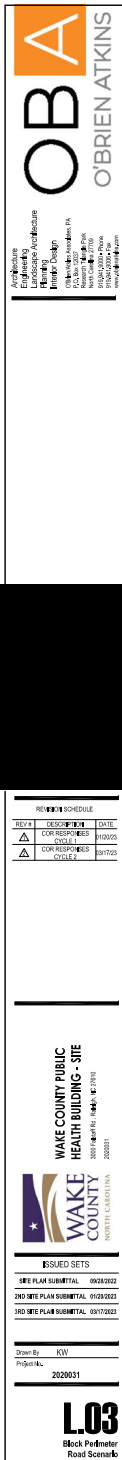
Diagram illustrating a cross-section of a tree pit structure. The structure includes a 1/2" CHAMFER TYP. curb, UNIT PAVERA, GROUND COVER, TREE PLANTING SOIL, and a 6x6 10'10 WSP. The curb width is indicated as 4'.



REV	DESCRIPTION	DATE
1	ISSUED SET	09/28/2022
2	ISSUED SET	09/28/2022
3	ISSUED SET	09/28/2022

ISSUED SETS	DATE
100 SITE PLAN SUBMITTAL	09/28/2022
200 SITE PLAN SUBMITTAL	09/28/2022
300 SITE PLAN SUBMITTAL	09/28/2022

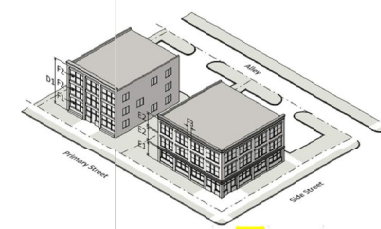
Drawn By: KOW
Project No.: 2020031



ELEVATION LEGEND

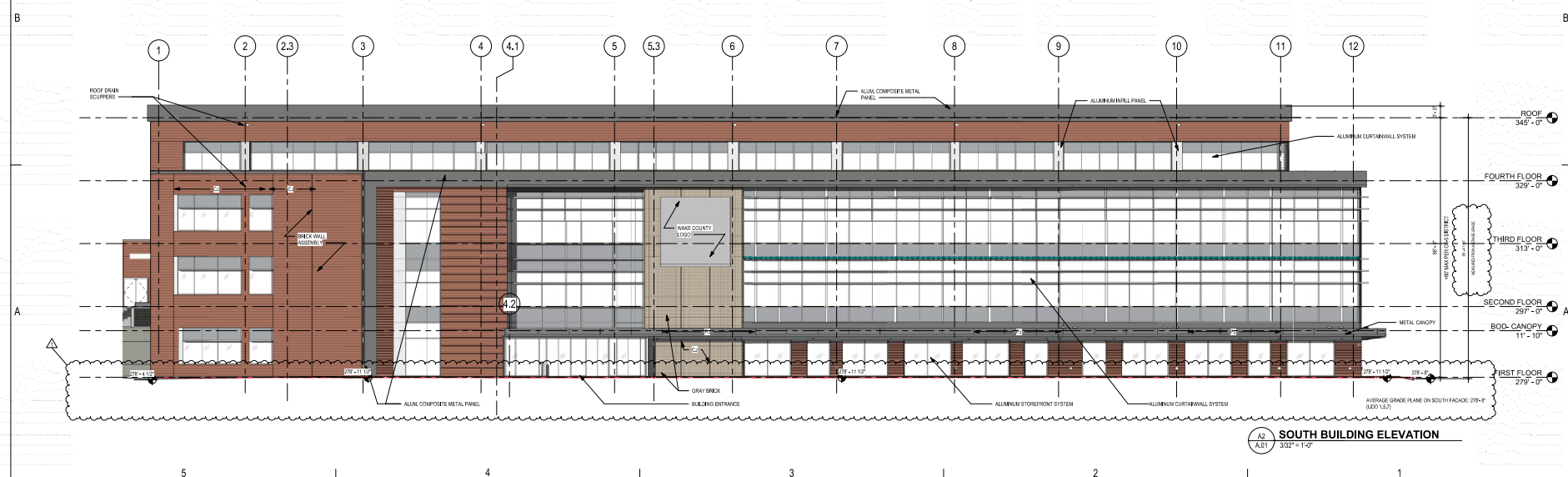
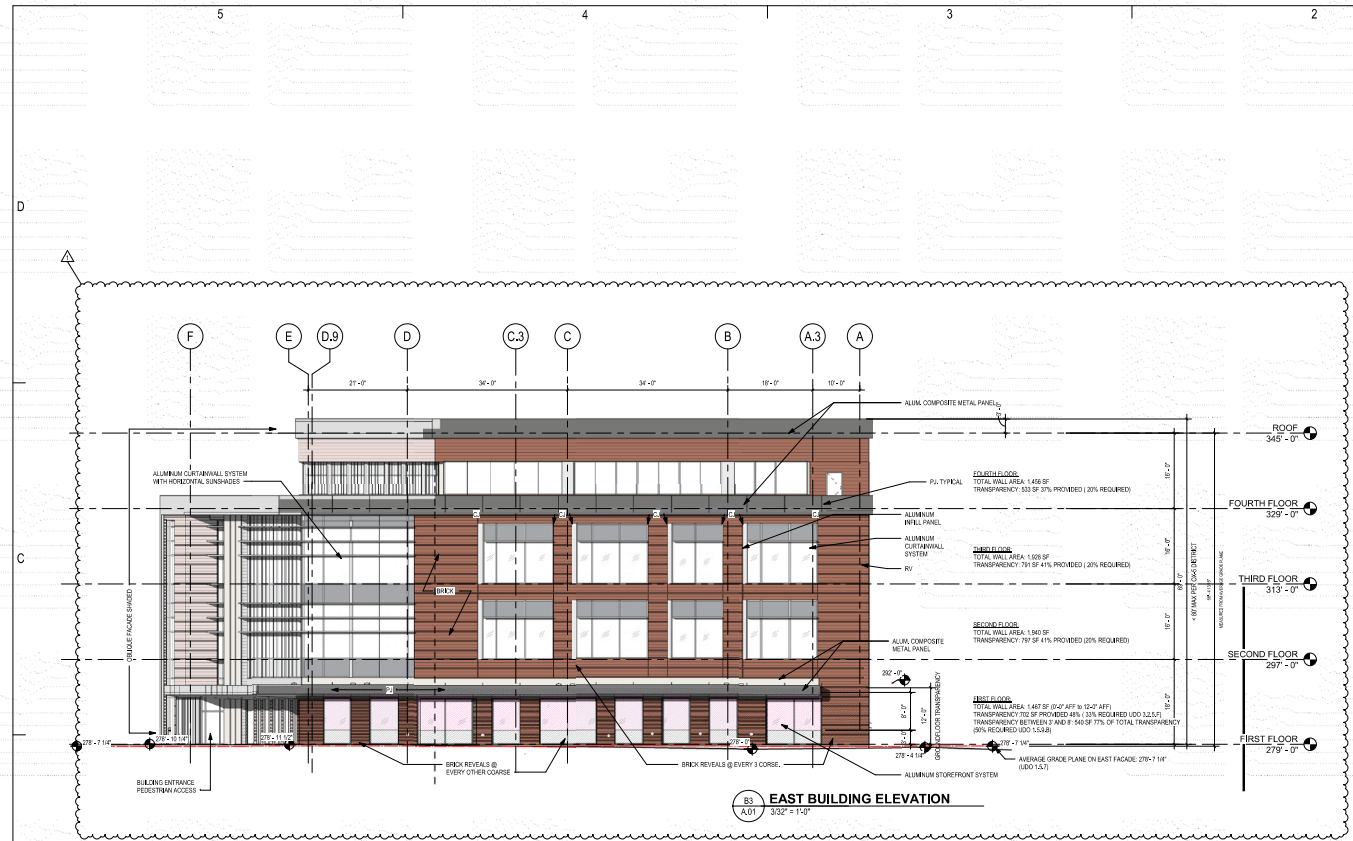
GLASS TYPES:	MATERIAL TYPES:
CLEAR INSULATED GLAZING	BRICK
SPANDREL FROSTED GLAZING	COMPOSITE METAL PANELS
FROSTED GLAZING	ABBREVIATIONS:
CURTAIN WALL TYPES-DW	B1 RED BRICK
STOREFRONT TYPES-SF	B2 GRAY BRICK
	PJ PANEL JOINT
	CJ CONTROL JOINT
	RV REVEAL

NOTES:
1. ALL WINDOWS OPENINGS WITH SUNSHADES ARE CLAY MINERAL AND ALL WINDOW OPENINGS WITHOUT SUNSHADES ARE STOREFRONT UNLESS OTHERWISE NOTED.



	OP, OX, NX, CX	DX	IX
D. Height			
D1 Principal building (max)	Set by district	Set by district	Set by district
D2 Accessory structure (max)	25'	25'	25'
E. Floor Heights			
E1 Ground story height, floor to floor (min)	11'	13'	11'
E2 Upper story height, floor to floor (min)	9'	9'	9'
F. Transparency			
F1 Ground story (min)	33%	50%	20%
F2 Upper story (min)	20%	20%	20%
F3 Blank wall (max)	30'	30'	50'

See Sec. 1.5.4.0 "Building Setbacks" for specific building element requirements.



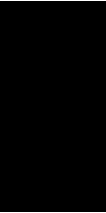
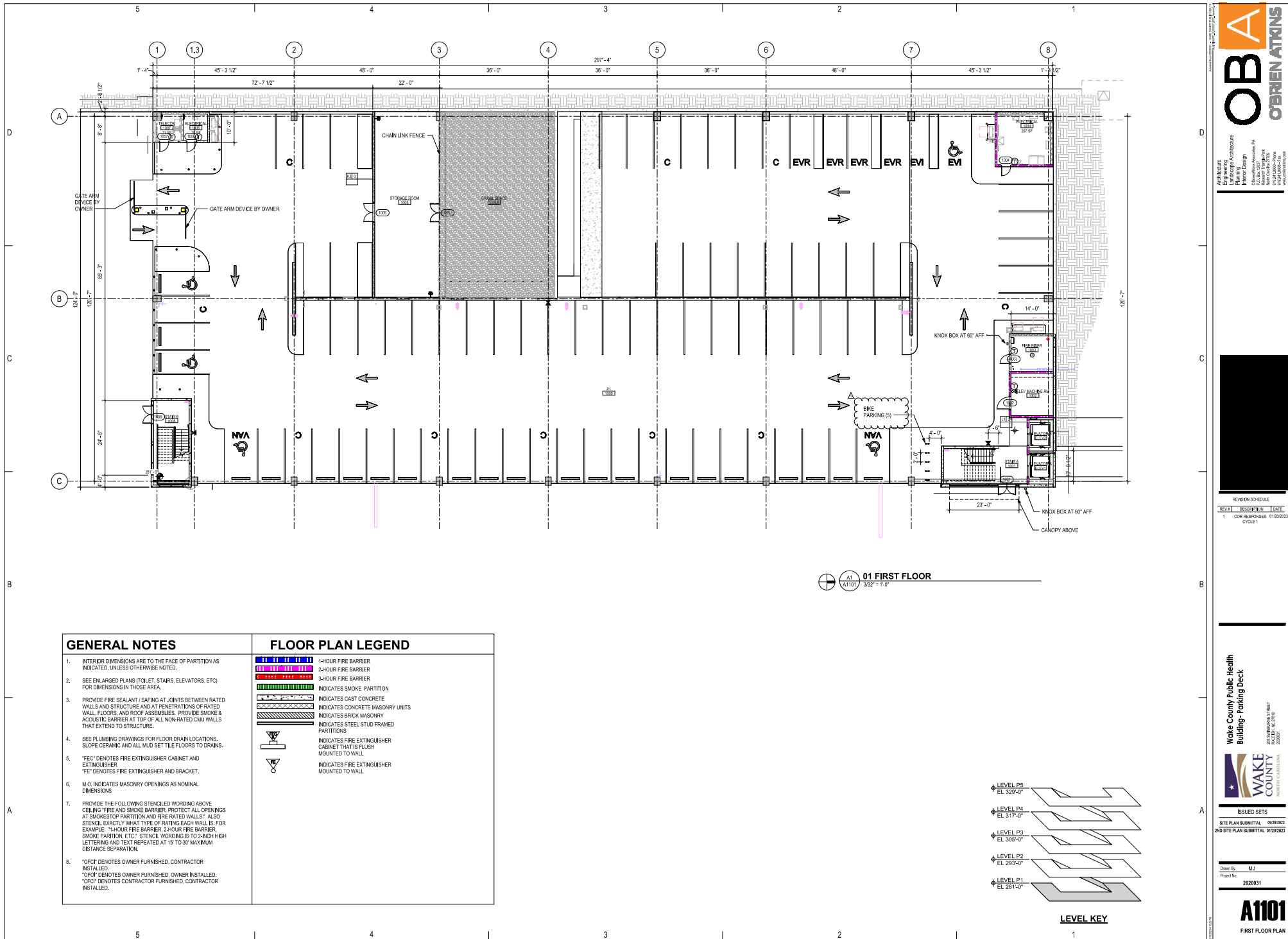
REV.	DESCRIPTION	DATE
1	FOR RESPONSE	01/20/2020
2	CYCLE 1	03/22/2020

WAKE COUNTY PUBLIC HEALTH BUILDING
300 W. HARRIS STREET
WAKE COUNTY, NC 27101

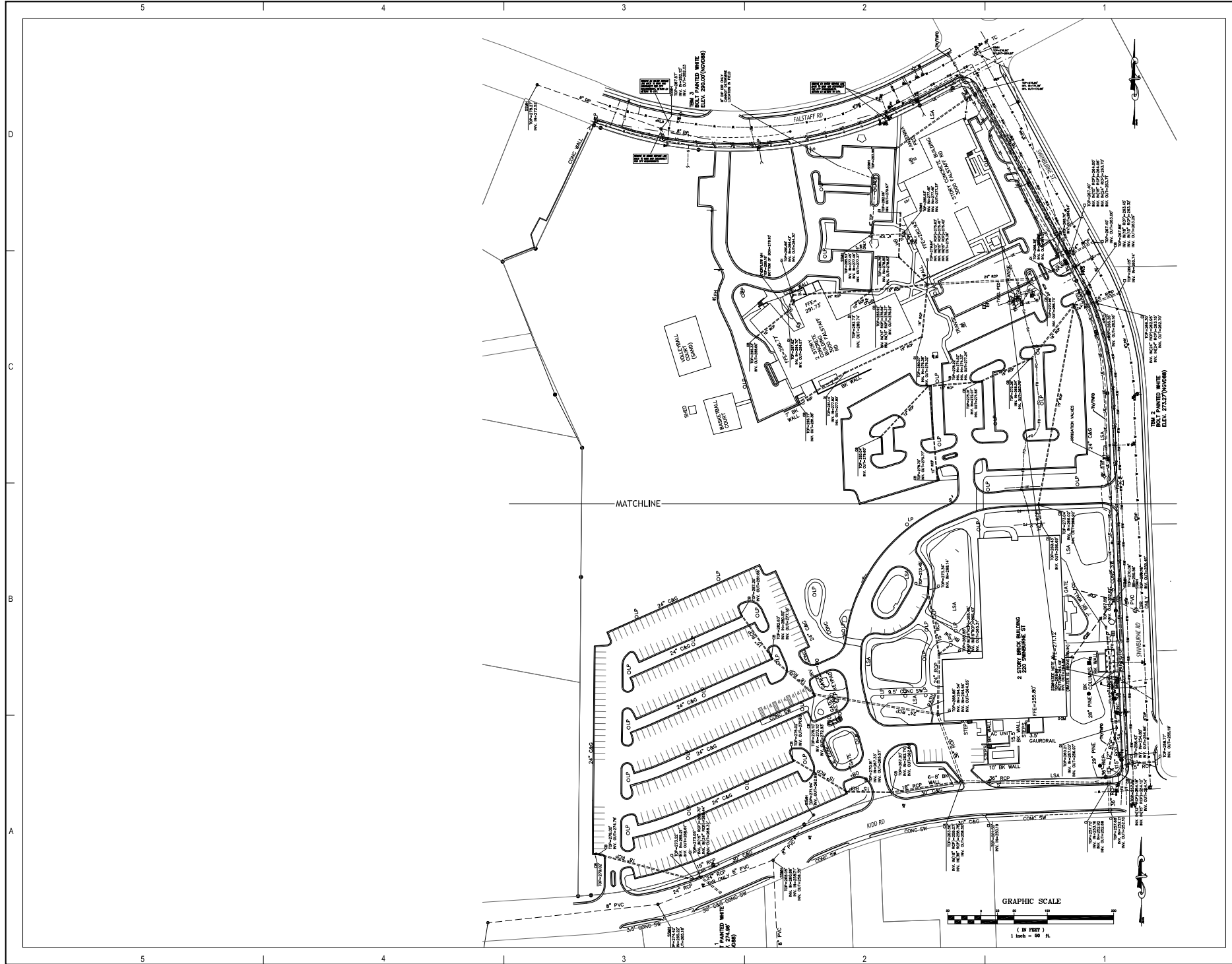
ISSUED SETS
SITE PLAN SUBMITTAL 09/28/2022
2ND LIFE PLAN SUBMITTAL 01/20/2023

Drawn By: MJ
Project No.: 2020031

A.01
BUILDING ELEVATIONS-UDO



REV #	DESCRIPTION	DATE
1	OKR RESPONSES	01/20/2023



ARCHITECTURE
ENGINEERING
PLANNING
LANDSCAPE
DESIGN
INTERIOR DESIGN
ENVIRONMENTAL
SCIENCE
CONSTRUCTION
MANAGEMENT



CLH Design, Inc.
1000 Agency Forest Dr.
Suite 120
Cary, NC 27518
Phone: 919-318-8718
Fax: 919-318-7515
LA C-108 PE C-109

NOT FOR
CONSTRUCTION

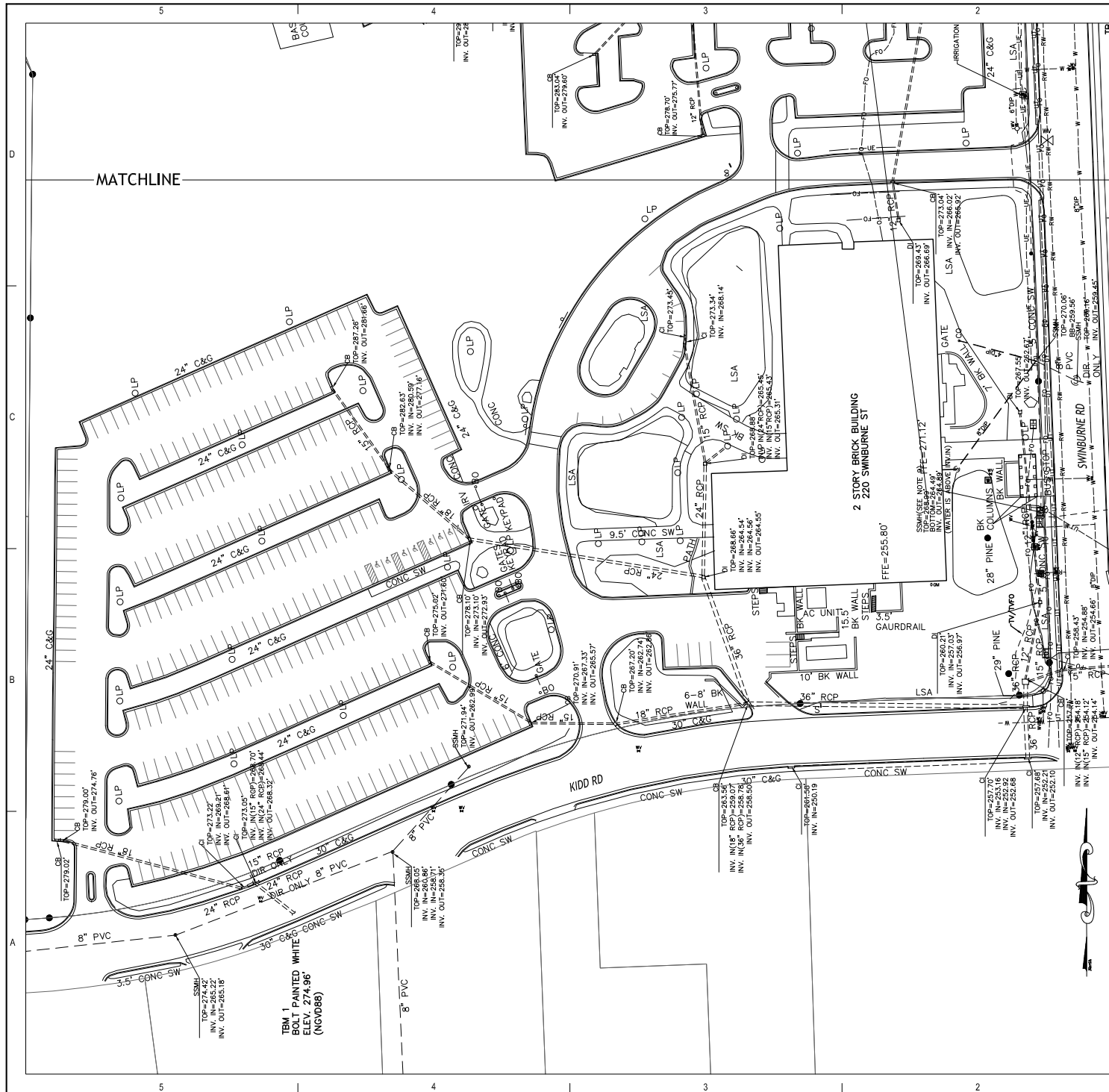
REV	DESCRIPTION	DATE
1	CORRESPONDENCE	10/20/2021
2	CORRESPONDENCE	10/27/2021

**WAKE COUNTY PUBLIC
HEALTH BUILDING - SITE**
3000 W. HAYES RD., NC 27708
2020031



ISSUED SETS
SITE PLAN SUBMITTAL 10/20/2021
2ND SITE PLAN SUBMITTAL 10/20/2021
3RD SITE PLAN SUBMITTAL 10/27/2021
Drawn By: SM
Project No: 2020031

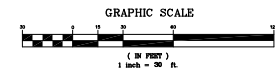
C1100
Site Utility Demonstration Plan
Overall



LEGEND

UTILITIES TO BE REMOVED	UTILITIES TO REMAIN
OVERHEAD ELECTRICAL	---
UNDERGROUND ELECTRICAL	---
FIRE PROTECTION	---
GAS	---
STORM WATER	---
OVERHEAD TELEPHONE	---
UNDERGROUND TELEPHONE	---
WATER	---
SEWER	---
STORM DRAIN	---
UTILITY POLE	---
UTILITY PILE	---
MANHOLE	---
CLEAN OUT	---
WATER TREATMENT BASIN	---
FIRE HYDRANT	---
WATER VALVE	---

- GENERAL NOTES**
1. ALL EXISTING UTILITIES SHALL BE REMOVED AS NOTED TO ALLOW NEW CONSTRUCTION. IN GENERAL, FEATURES INDICATED IN BLUE ON THIS PLAN SHALL BE REMOVED.
 2. ALL UTILITIES OF STRUCTURES NOT NOTED FOR REMOVAL OR MODIFICATION ARE TO REMAIN AND BE PROTECTED FROM DAMAGE.
 3. ALL EXISTING UTILITIES SHOWN FROM EXISTING RECORDS SHALL BE DELETED FROM THIS PLAN IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
 4. VERIFY ALL ALLOCATED UNDERGROUND UTILITIES/FEATURES EXISTENCE AND DEPTHS TO PROTECT ANY UNDERGROUND UTILITIES/FEATURES. VERIFY THE ACCURACY IMMEDIATELY IF UNKNOWN. UTILITIES/FEATURES ARE ASSUMED THAT WOULD BE NECESSARY FOR THE PROPOSED DESIGN.
 5. CONDUCT FIELD LOCATING SERVICE AT LEAST 48-HRS PRIOR TO EXCAVATION TO THE PROPOSED DESIGN.
 6. PROTECT ALL ADJACENT PROPERTIES, THE GENERAL PUBLIC AND ALL OF THE COMPANY'S INTERESTS. SHOULD DAMAGE OCCUR, REMEDIAL ACTION SHALL BE DIRECTED BY THE ARCHITECT.
 7. ALL EXISTING MANHOLE, SANITARY, STORM DRAIN STRUCTURES, CLEANOUTS, AND OTHER UTILITIES SHALL BE PROTECTED FROM DAMAGE.
 8. NO WORK SHALL BE PERFORMED ON ROAD OR DRIVE OR ADJACENT PROPERTIES UNLESS THE OWNER HAS BEEN ADVISED BY WRITING OF THE PROPOSED WORK AND THE OWNER HAS GIVEN WRITING CONSENT AND THE PROCEEDMENT OF APPROPRIATE PERMITS, EASEMENTS, AGREEMENTS OR RIGHTS-OF-WAY.



O'BRIEN & ATKINS

Architects
Engineers
Planners
Interior Design
Landscape Architecture
Civil Engineering
Environmental Engineering
Surveying
Construction Management

CLH DESIGN

CLH Design, Inc.
4500 Regency Forest Dr.
Suite 120
Cary, NC 27513
Phone: 919-319-8719
Fax: 919-319-7515
LA C-108 P.E. C-1595

NOT FOR
CONSTRUCTION

WAKE COUNTY PUBLIC HEALTH BUILDING - SITE

3000 W. HAYES LANE, N.C. 27708

202001

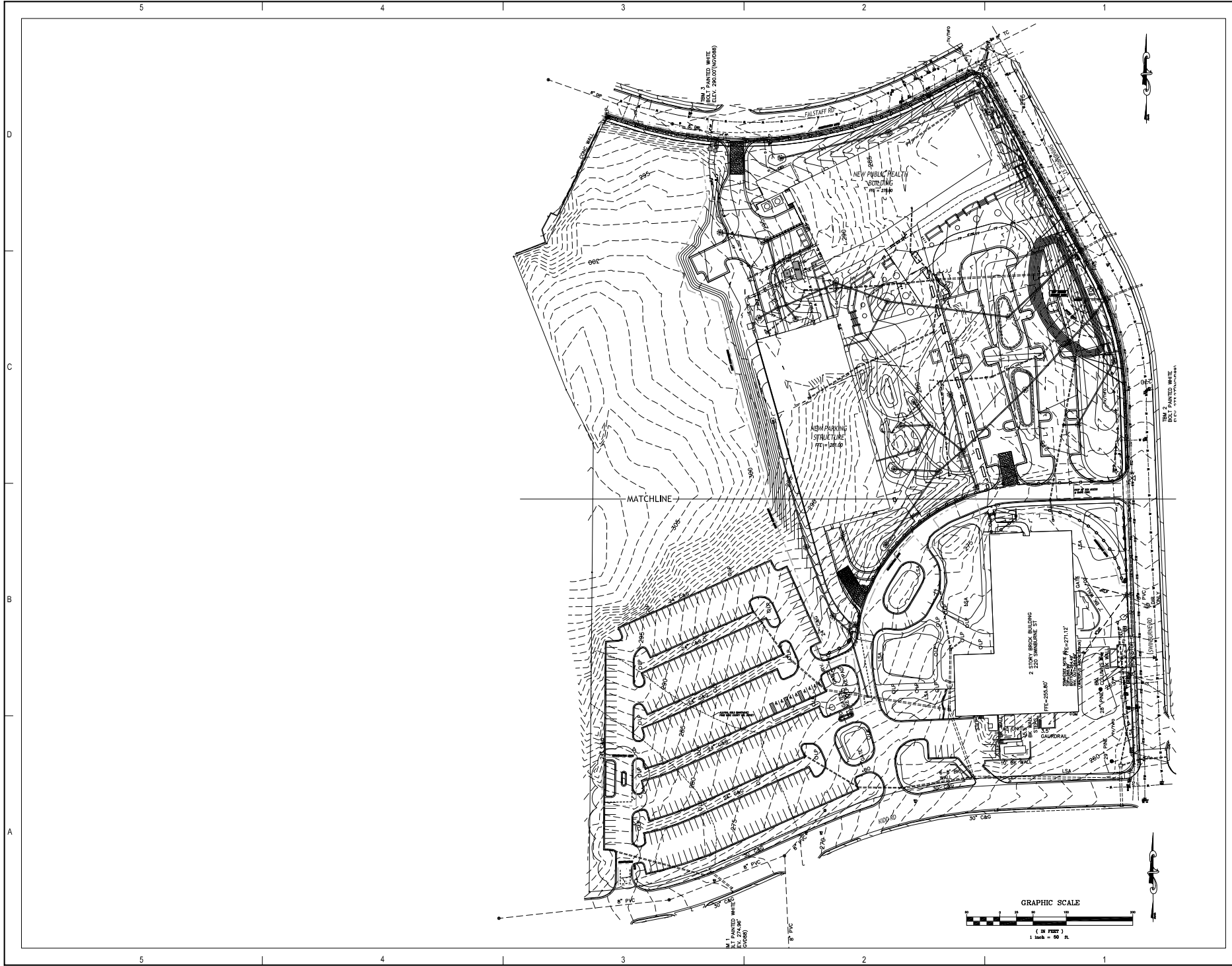
ISSUED SETS

DATE	DESCRIPTION	BY	DATE
10/20/2021	2021 SITE PLAN SUBMITTAL	SM	10/20/2021
10/20/2021	2021 SITE PLAN SUBMITTAL	SM	10/20/2021
10/20/2021	2021 SITE PLAN SUBMITTAL	SM	10/20/2021

Drawn By: SM
Project No.: 2020001

C1102

Site Utility Demonstration Plan
South Block



ARCHITECTS
Engineers
Interior Designers
Landscape Architects
Planners
Surveyors
Urban Designers
Visual Artists
2000 N. Main St., Suite 200
Raleigh, NC 27601
Phone: 919-376-7515
Fax: 919-376-7516
LA C-108 PE C-109



NOT FOR
CONSTRUCTION

REV	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	10/20/2021
2	ISSUED FOR PERMIT	10/20/2021
3	ISSUED FOR PERMIT	10/20/2021

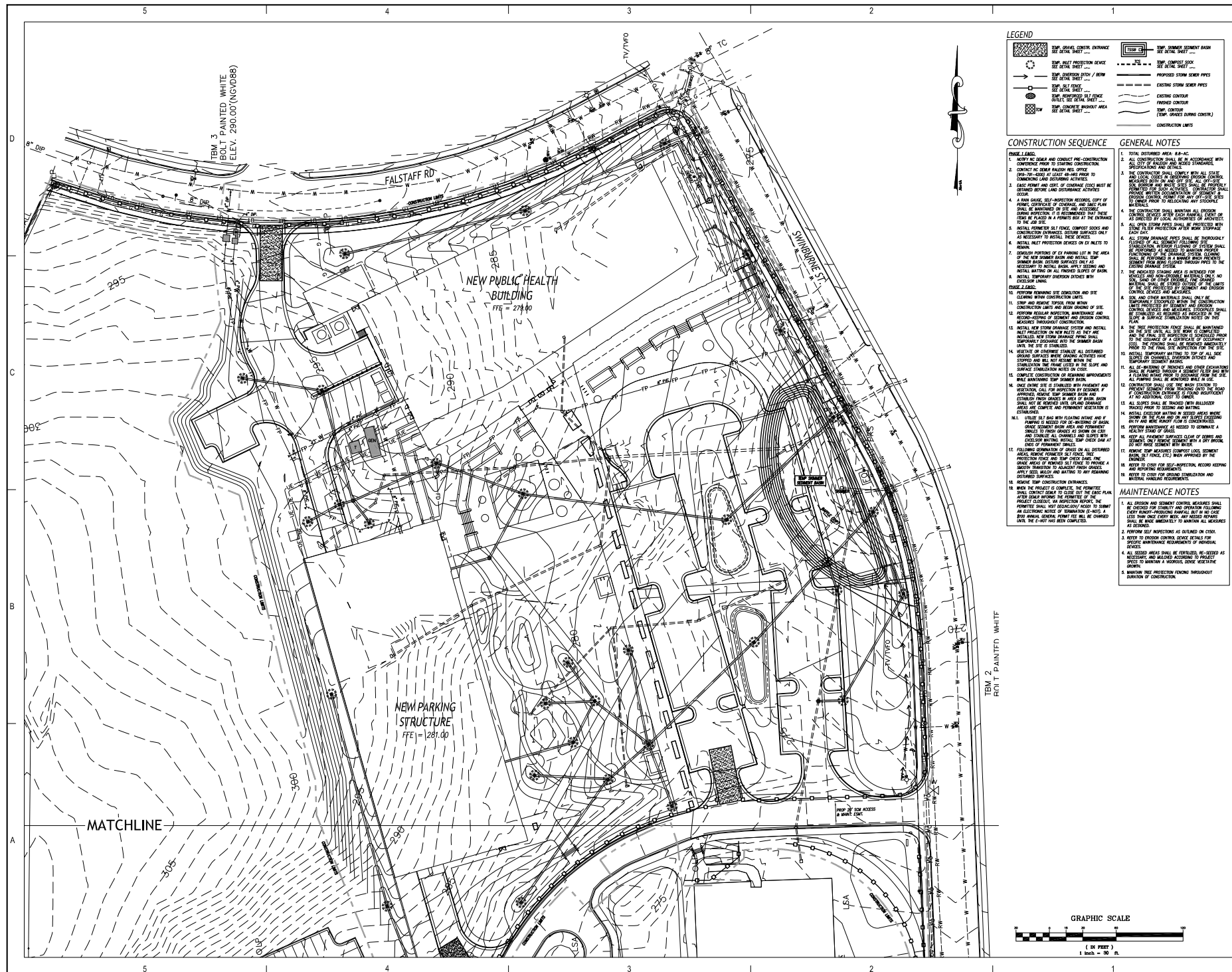
WAKE COUNTY PUBLIC
HEALTH BUILDING - SITE
3000 N. MAIN ST., SUITE 200
RALEIGH, NC 27601
2021001



ISSUED SETS
SITE PLAN SUBMITTAL 10/20/2021
2ND SET SUBMITTAL 10/20/2021
3RD SET SUBMITTAL 10/20/2021

Drawn By: SM
Project No: 2021001

C1200
Erosion & Sed. Control Plans
Overall

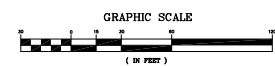


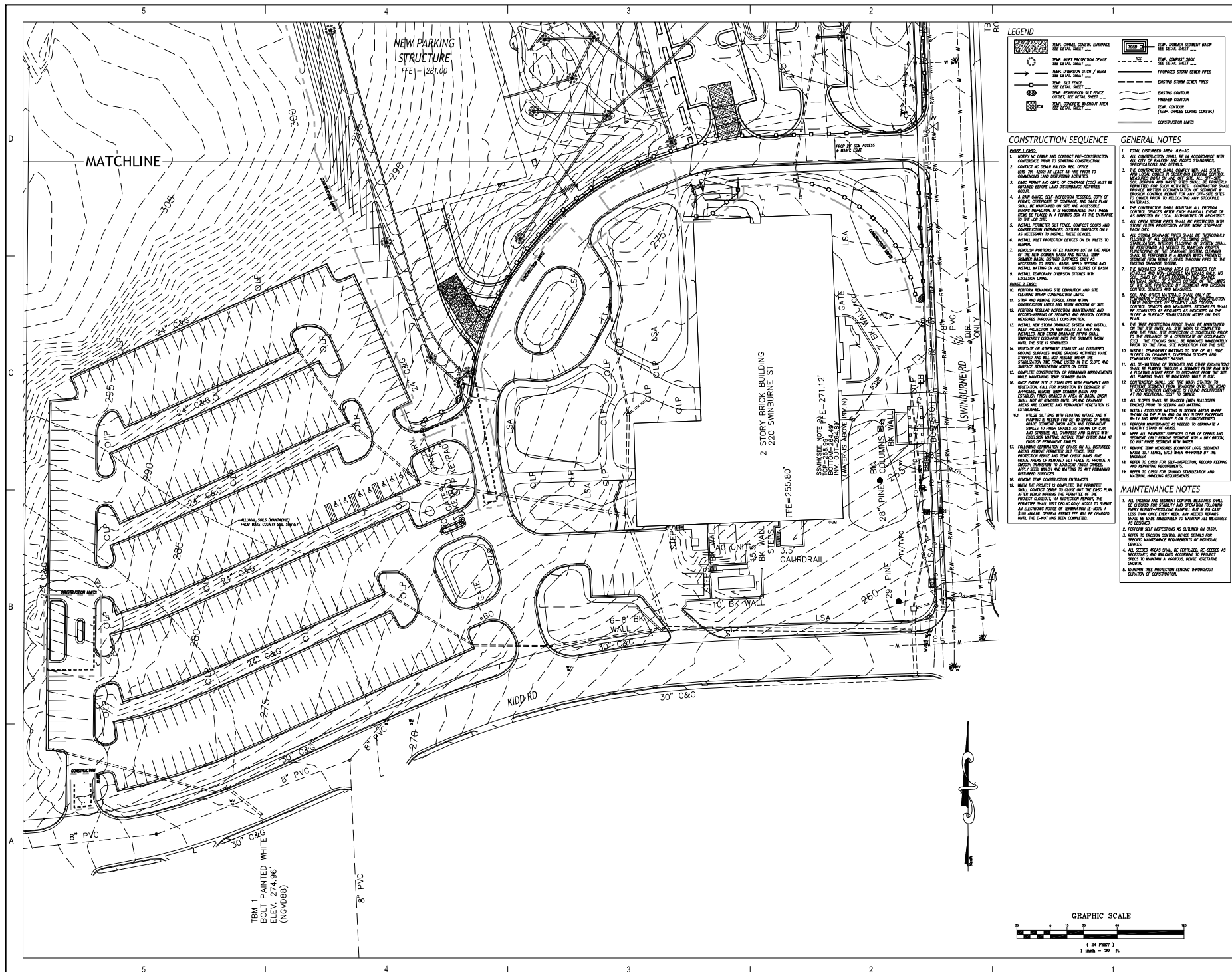
LEGEND

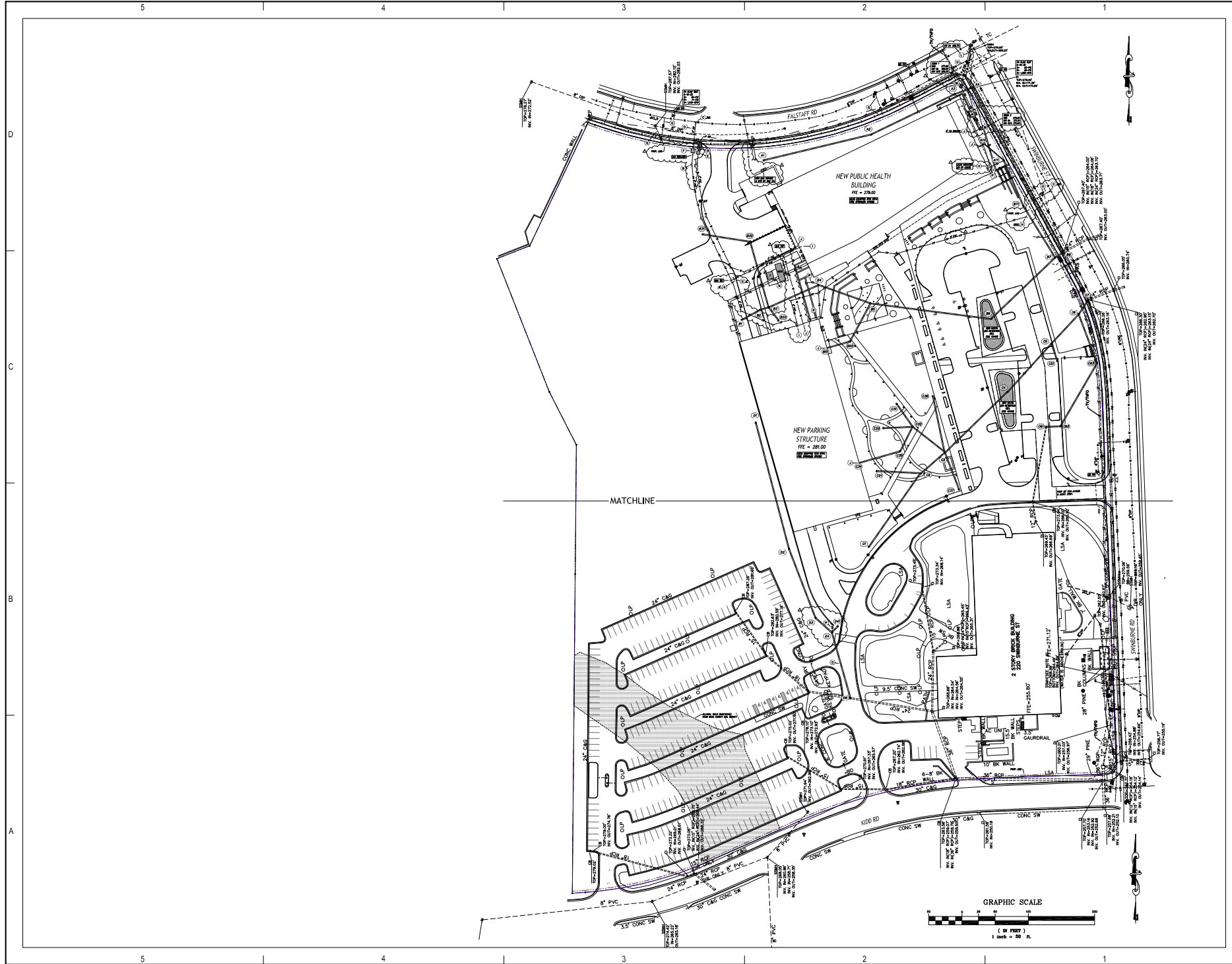
	TEMP. GRAVEL CONCRETE ENTRANCE SEE DETAIL SHEET ...		TEMP. DRAINAGE SEGMENT DRAIN SEE DETAIL SHEET ...
	TEMP. SLIP PROTECTION DEVICE SEE DETAIL SHEET ...		TEMP. COMPOST SLOOT SEE DETAIL SHEET ...
	TEMP. DRAINAGE DITCH / BENCH SEE DETAIL SHEET ...		PROPOSED STORM SEWER PIPES
	TEMP. SLIP FENCE SEE DETAIL SHEET ...		EXISTING STORM SEWER PIPES
	TEMP. REINFORCED SLIP FENCE SEE DETAIL SHEET ...		EXISTING CONTOUR
	TEMP. CONCRETE MOUNTING AREA SEE DETAIL SHEET ...		FINISHED CONTOUR
			TEMP. CONTOUR (TEMP. GRADES DURING CONSTRUCTION)
			CONSTRUCTION LIMITS

- [illegible]

- ## MAINTENANCE NOTES
1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EACH RAINFALL-PRODUCING RAINFALL, BUT IN NO CASE LESS THAN ONCE EVERY WEEK, UNTIL ALL REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN ALL MEASURES AS DESIGNED.
 2. PERFORM SOIL INSPECTIONS AS OUTLINED ON C1501.
 3. REFER TO DROSKO CONTROL DEVICE DETAILS FOR SPECIFIC MAINTENANCE REQUIREMENTS OF INDIVIDUAL DEVICES.
 4. ALL SEEDED AREAS SHALL BE FERTILIZED, RE-SEED NECESSARY, AND MULCHED ACCORDING TO PROJECT SPECS TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE GROWTH.
 5. MAINTAIN TREE PROTECTION FENCING THROUGHOUT DURATION OF CONSTRUCTION.







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Interior Designers
Landscape Architects
Surveyors
3000 Ruffin Lane, Suite 200
Raleigh, NC 27601
Phone: 919-376-7515
Fax: 919-376-7516
LA C-108 PE C-109



NOT FOR
CONSTRUCTION

REV	DESCRIPTION	DATE
1	CON RESPONSE	11/02/2021
2	CON RESPONSE	11/02/2021

WAKE COUNTY PUBLIC
HEALTH BUILDING - SITE
3000 RUFFIN LANE, SUITE 200
RALEIGH, NC 27601
202001



ISSUED SETS
SITE PLAN SUBMITTAL 09/02/2021
2ND SET PLAN SUBMITTAL 01/02/2022
3RD SET PLAN SUBMITTAL 03/17/2022

Drawn By: SM
Project No: 2020001

C1300
Site Utility Plans
Overall

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCGO1 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being consistent with the Ground Stabilization and Materials Handling sections of the NCGO1 Construction General Permit (Sections 1 and 2, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION 1: GROUND STABILIZATION

Site Area Description	Stabilize within this many calendar days after ceasing last disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (H2O) 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. 7 days for slopes greater than 10' and 7 days for perimeter dikes, swales, ditches, perimeter slopes and H2O Zones. 10 days for Falls Lake Watershed
(d) Slopes 3:1 to 4:1	14	7 days for perimeter dikes, swales, ditches, perimeter slopes and H2O Zones. 10 days for Falls Lake Watershed unless there is zero slope
(e) Areas with slopes flatter than 4:1	14	7 days for perimeter dikes, swales, ditches, perimeter slopes and H2O Zones. 10 days for Falls Lake Watershed unless there is zero slope

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

GROUND STABILIZATION SPECIFICATION

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

Temporary Stabilization	Permanent Stabilization
• Temporary grass seed covered with straw or other mulches and tackifiers	• Permanent grass seed covered with straw or other mulches and tackifiers
• Hydroseeding	• Erosion control fabric such as permanent soil reinforcement matting
• Rolled erosion control products with or without temporary grass seed	• Erosion control fabric such as permanent soil reinforcement matting
• Appropriately applied straw or other mulch	• Strips or other permanent plantings covered with mulch
• Plastic sheeting	• Uniform and evenly distributed ground cover sufficient to restrain erosion
	• Erosion control fabric such as geotextile, geogrid, or retaining walls
	• Rolled erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

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

EQUIPMENT AND VEHICLE MAINTENANCE

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

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

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

PAINT AND OTHER LIQUID WASTE

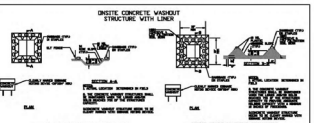
- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint warehouses at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled,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

PORTABLE TOILETS

- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands and at least 100 feet from property lines.
- Portable toilet is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
- Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
- Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

EARTHEN STOCKPILE MANAGEMENT

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



CONCRETE WASHOUTS

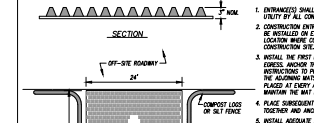
- Do not discharge concrete or cement slurry into the site.
- Dispose of or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
- Manage washout from mortar mixes in accordance with the above item and in addition place the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

HERBICIDES, PESTICIDES AND RODENTICIDES

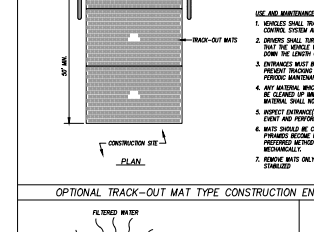
- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
- Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
- Do not store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

HAZARDOUS AND TOXIC WASTE

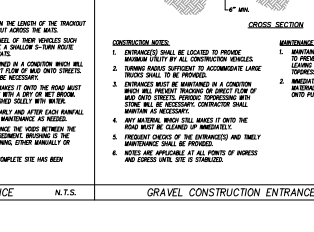
- Create designated hazardous waste collection area on-site.
- Place hazardous chemicals, drums or in secondary containment.
- Do not store hazardous chemicals, drums or bagged materials directly on the ground.



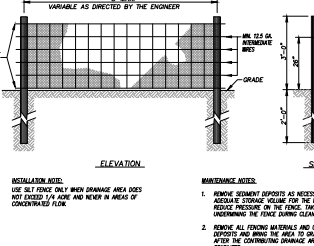
OPTIONAL TRACK-OUT MAT TYPE CONSTRUCTION ENTRANCE



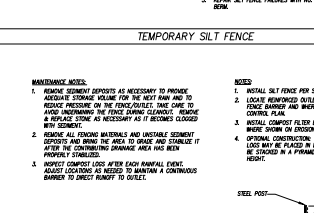
GRAVEL CONSTRUCTION ENTRANCE



DEWATERING SEDIMENT FILTER BAG



TEMPORARY SILT FENCE



TEMPORARY SEDING SCHEDULE

DATE	TYPE	CLAYING RATE
10/15 - 10/18	3-MAY TALL FENCE BEHIND AND IN FRONT OF (BRAN)	125 LB/acre
10/18 - 10/21	3-MAY TALL FENCE BEHIND AND IN FRONT OF (BRAN)	125 LB/acre
10/21 - 10/24	3-MAY TALL FENCE BEHIND AND IN FRONT OF (BRAN)	125 LB/acre
10/24 - 10/27	3-MAY TALL FENCE BEHIND AND IN FRONT OF (BRAN)	125 LB/acre
10/27 - 10/30	3-MAY TALL FENCE BEHIND AND IN FRONT OF (BRAN)	125 LB/acre

TEMPORARY SEDING SCHEDULE

DATE	TYPE	CLAYING RATE
10/15 - 10/18	3-MAY TALL FENCE BEHIND AND IN FRONT OF (BRAN)	125 LB/acre
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10/27 - 10/30	3-MAY TALL FENCE BEHIND AND IN FRONT OF (BRAN)	125 LB/acre

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TEMPORARY SEDING SCHEDULE

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10/27 - 10/30	3-MAY TALL FENCE BEHIND AND IN FRONT OF (BRAN)	125 LB/acre

SECTION 1: SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION 1: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the inspection Record.

Inspection	Frequency (during normal business hours)	Inspection must include:
(1) Rain gauge maintained in good working order	Daily	1. Daily rainfall observations are made during weekend or holiday periods, or no individual daily rainfall information is available, record the cumulative rain measurement or those on alternate days (not less than weekly) if a report is required. The "parent" may use an automated rain gauge device approved by the Division.
(2) Erosion Control Measures (ECM)	At least once per 7 calendar days and within 24 hours of a rain event 1.0 inch or more in 24 hours	1. Location of the measures inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Description of the measures being inspected. 5. Identification of the dike, ditch, or other structure. 6. Name of the person performing the inspection. 7. Name of the person performing the inspection. 8. Name of the person performing the inspection. 9. Name of the person performing the inspection. 10. Name of the person performing the inspection.
(3) Stormwater discharge outlets (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event 1.0 inch or more in 24 hours	1. Location of the measures inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Description of the measures being inspected. 5. Identification of the dike, ditch, or other structure. 6. Name of the person performing the inspection. 7. Name of the person performing the inspection. 8. Name of the person performing the inspection. 9. Name of the person performing the inspection. 10. Name of the person performing the inspection.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event 1.0 inch or more in 24 hours	1. Location of the measures inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Description of the measures being inspected. 5. Identification of the dike, ditch, or other structure. 6. Name of the person performing the inspection. 7. Name of the person performing the inspection. 8. Name of the person performing the inspection. 9. Name of the person performing the inspection. 10. Name of the person performing the inspection.
(5) Stormwater or other discharge	At least once per 7 calendar days and within 24 hours of a rain event 1.0 inch or more in 24 hours	1. Location of the measures inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Description of the measures being inspected. 5. Identification of the dike, ditch, or other structure. 6. Name of the person performing the inspection. 7. Name of the person performing the inspection. 8. Name of the person performing the inspection. 9. Name of the person performing the inspection. 10. Name of the person performing the inspection.
(6) Ground stabilization measures	At least once per 7 calendar days and within 24 hours of a rain event 1.0 inch or more in 24 hours	1. Location of the measures inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Description of the measures being inspected. 5. Identification of the dike, ditch, or other structure. 6. Name of the person performing the inspection. 7. Name of the person performing the inspection. 8. Name of the person performing the inspection. 9. Name of the person performing the inspection. 10. Name of the person performing the inspection.

NOTE: The rain inspection meets the required 7 calendar day inspection requirement.

SECTION 2: SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION 2: RECORDKEEPING

The approved E&S plan as well as any approved deviation shall be kept on the site. The approved E&S plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&S plan shall be documented in the manner described:

Item to Document	Documentation Requirements
(a) Each E&S Measure has been installed and does not significantly deviate from the location, dimensions and relative elevations shown on the approved E&S Plan.	Initial and date of a copy of the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with the approved E&S Plan.
(b) A phase of grading has been completed.	Initial and date of a copy of the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with the approved E&S Plan.
(c) Ground cover is installed and installed in accordance with the approved E&S Plan.	Initial and date of a copy of the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with the approved E&S Plan.
(d) The maintenance and repair requirements for all E&S Measures have been performed.	Initial and date of a copy of the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with the approved E&S Plan.
(e) Corrective actions have been taken to E&S Measures.	Initial and date of a copy of the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with the approved E&S Plan or complete, date and sign an inspection report to indicate compliance with the approved E&S Plan.

2. additional to the E&S Plan documents above, the following items shall be kept on the site:

- and available for approval inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:
- This general permit as well as the certificate of coverage, if it is received.
- Records of inspections made during the previous 30 days. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically available records in lieu of the required paper records will be allowed if the permittee can provide access and utilize the hard copy records.
- All data used to complete the Notice of Intent and other inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

SECTION 3: SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION 3: REPORTING

- Occurrences that must be reported:
 - Visible sediment deposition in a stream or wetland.
- Other spill incidents:
 - They are 25 gallons or more.
 - They are 25 gallons or more, but cannot be cleaned up within 24 hours.
 - They cause sheen on surface waters (regardless of volume).
 - They are within 100 feet of surface waters (regardless of volume).

2. Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he/she shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Division's Emergency Response personnel at (800) 662-7596, (800) 658-0568 or (919) 733-3300.

Reporting Timeframes (after Division and Other Requirements)

- Within 24 hours, an oral or electronic notification.
- Within 7 calendar days, a report that contains a description of the occurrence and actions taken to address the cause of the occurrence. Division staff may review the requirement for a written report on a case-by-case basis.
- If the storm is named on the NC 303(a) list as prepared for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if it is determined that additional remedial actions are needed to ensure compliance with the federal or state impaired water quality.
- Within 24 hours, an oral or electronic notification.
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- Within 24 hours, an oral or electronic notification.

4. Location of at least ten days before the date of the inspection, if possible.

- The report shall include an evaluation of the anticipated quality and effect of the byproduct.
- Within 24 hours, an oral or electronic notification.
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5. Location of at least ten days before the date of the inspection, if possible.

- The report shall include an evaluation of the anticipated quality and effect of the byproduct.
- Within 24 hours, an oral or electronic notification.
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6. Location of at least ten days before the date of the inspection, if possible.

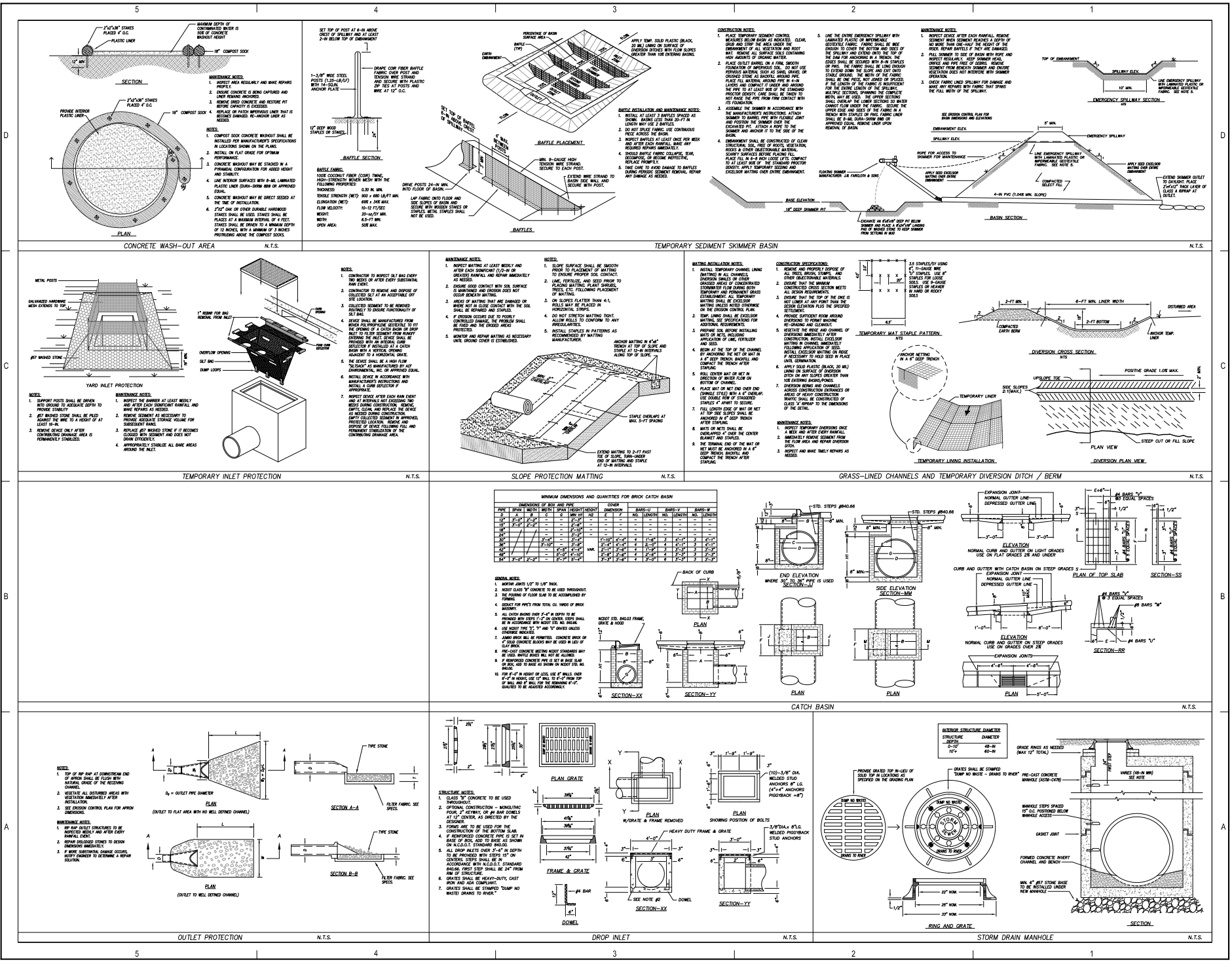
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7. Location of at least ten days before the date of the inspection, if possible.

- The report shall include an evaluation of the anticipated quality and effect of the byproduct.
- Within 24 hours, an oral or electronic notification.
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- Within 24 hours, an oral or electronic notification.

8. Location of at least ten days before the date of the inspection, if possible.

- The report shall include an evaluation of the anticipated



OB O'Brien Atkins

CLH DESIGN

NOT FOR CONSTRUCTION

REVISION SCHEDULE

REV	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	10/20/2021
2	FOR RESPONSE	10/20/2021
3	FOR RESPONSE	10/20/2021

ISSUED SETS

DATE	DESCRIPTION
10/20/2021	WAKE COUNTY SUBMITTAL
10/20/2021	2ND CITY PLAN SUBMITTAL
10/20/2021	3RD CITY PLAN SUBMITTAL

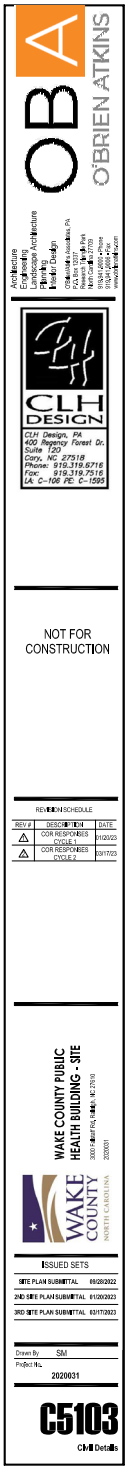
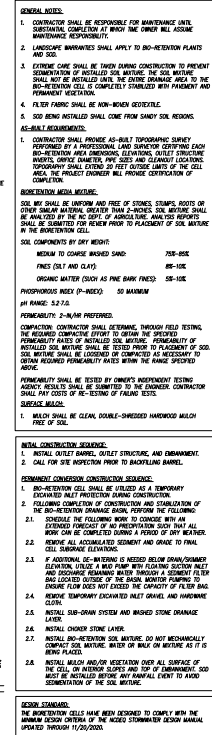
WAKE COUNTY PUBLIC HEALTH BUILDING - SITE

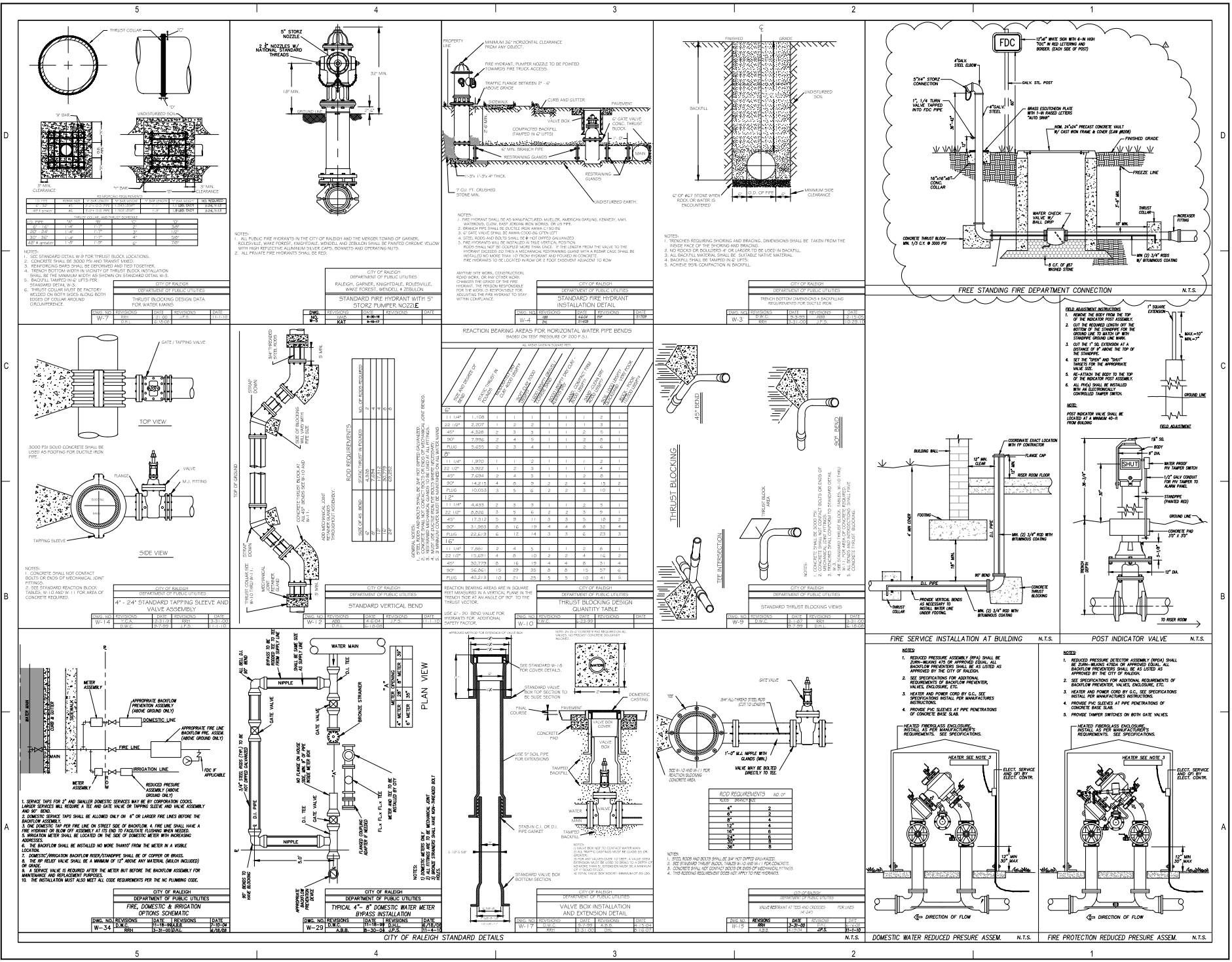
3000 W. HARTLEY LANE, NC 27106

WAKE COUNTY

202001

CH6102





O'BRIEN ATKINS

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Planning
Interior Design

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Phone: 919.319.8718
Fax: 919.319.7515
www.oba.com

CLH DESIGN

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4600 Regency Forest Dr
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Chapel Hill, NC 27518
Phone: 919.319.8718
Fax: 919.319.7515
www.clhdesign.com

NOT FOR CONSTRUCTION

REVISION SCHEDULE

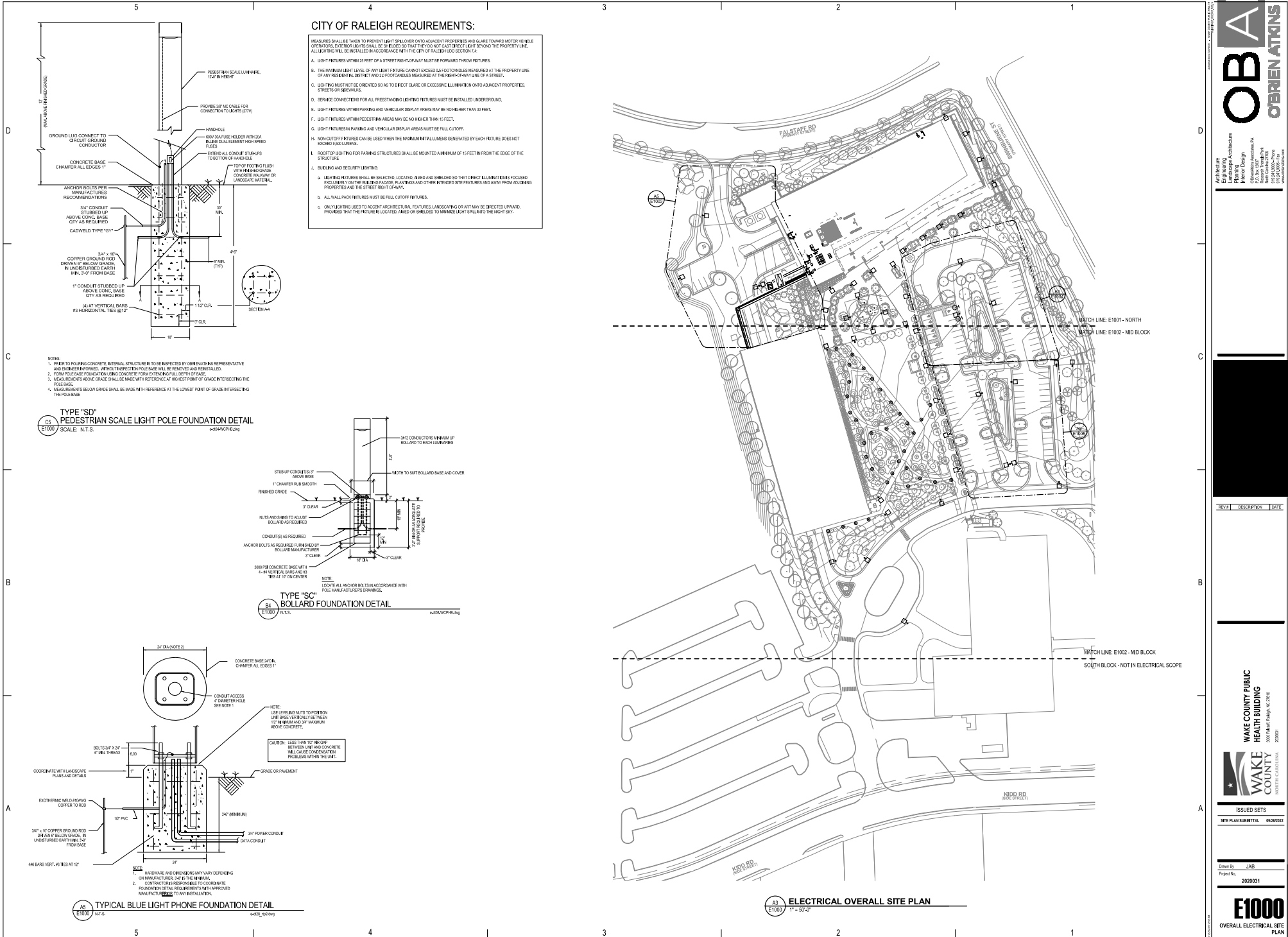
REV	DESCRIPTION	DATE
1	FOR RESPONSE	4/20/2021
2	FOR RESPONSE	4/20/2021
3	FOR RESPONSE	4/20/2021

ISSUED SETS

SET	DATE
1. SITE PLAN SUBMITTAL	09/02/2022
2. 2ND SET PLAN SUBMITTAL	01/03/2023
3. 3RD SET PLAN SUBMITTAL	07/17/2023

Drawn by: SM
Project No.: 2020001

C5104
Civil Details





OB

O'BRIEN ATKINS

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Engineering
Planning
Interior Design
Landscape Architecture
Civil Engineering
Surveying
Water Resources
11154 S. 200th Ave.
Suite 100
Farmington Hills, MI 48334
Phone: 248.460.1000
Fax: 248.460.1001
www.obrienatkins.com

REV #	DESCRIPTION	DATE

WAKE COUNTY PUBLIC
HEALTH BUILDING

3001 Hanes Blvd., Suite 200
Charlotte, NC 28205
2020031

ISSUED SETS

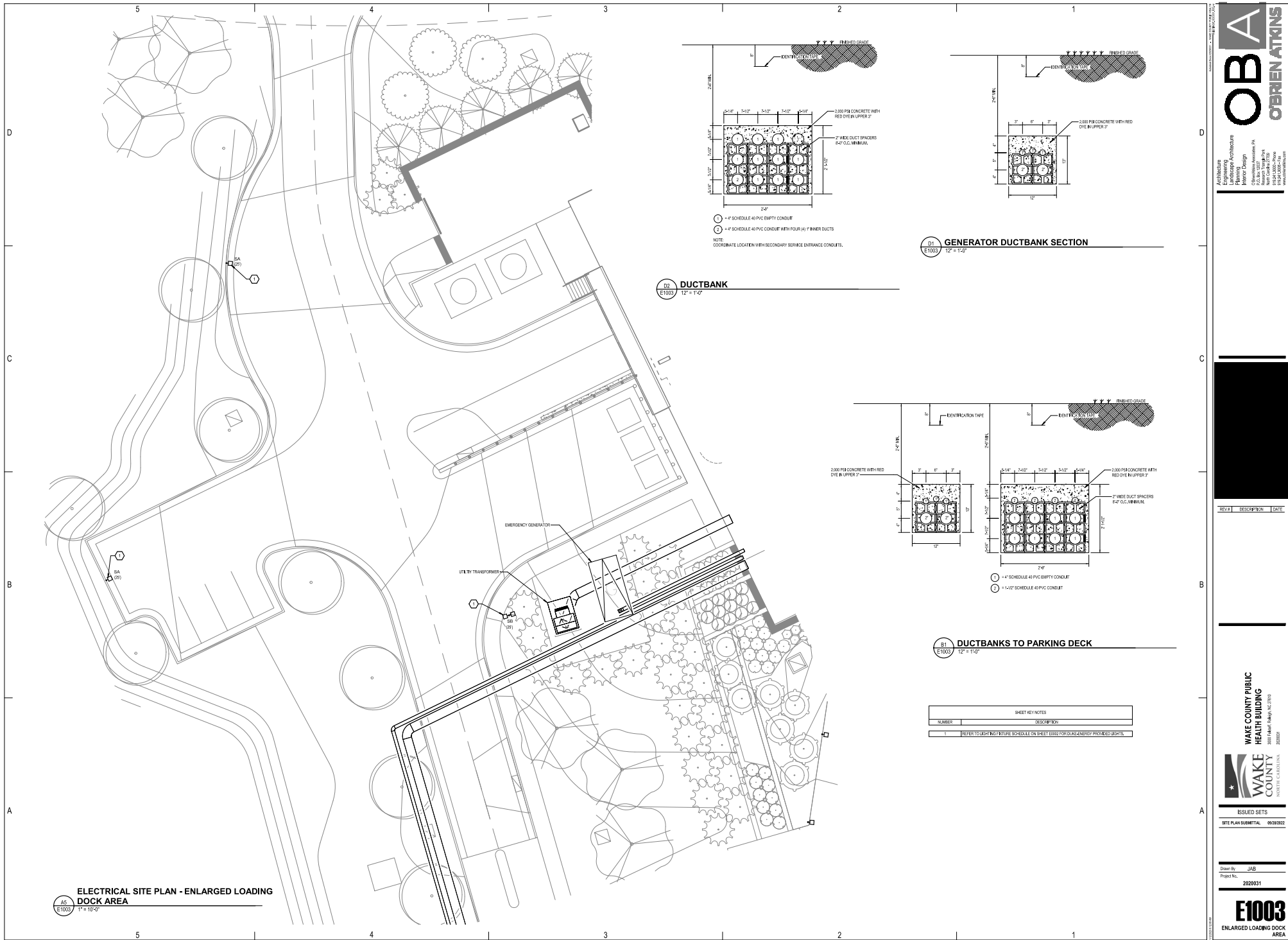
SITE PLAN SUBMITTAL 09/28/2021

Drawn By: JAB

Project No.: 2020031

E1002

ELECTRICAL SITE PLAN - MID BLOCK



OB

A

O'BRIEN

ATKINS

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Engineering

Planning

Interior Design

Environmental Design

Construction Management

3000 North Pointe Drive

Charlotte, NC 28205

704.366.1234

www.oba.com

REV #

DESCRIPTION

DATE

WAKE COUNTY PUBLIC

HEALTH BUILDING

3000 North Pointe Drive

Charlotte, NC 28205

202001

ISSUED SETS

SITE PLAN SUBMITTAL

09/28/2021

Drawn By





JAB

Project No.

2020021

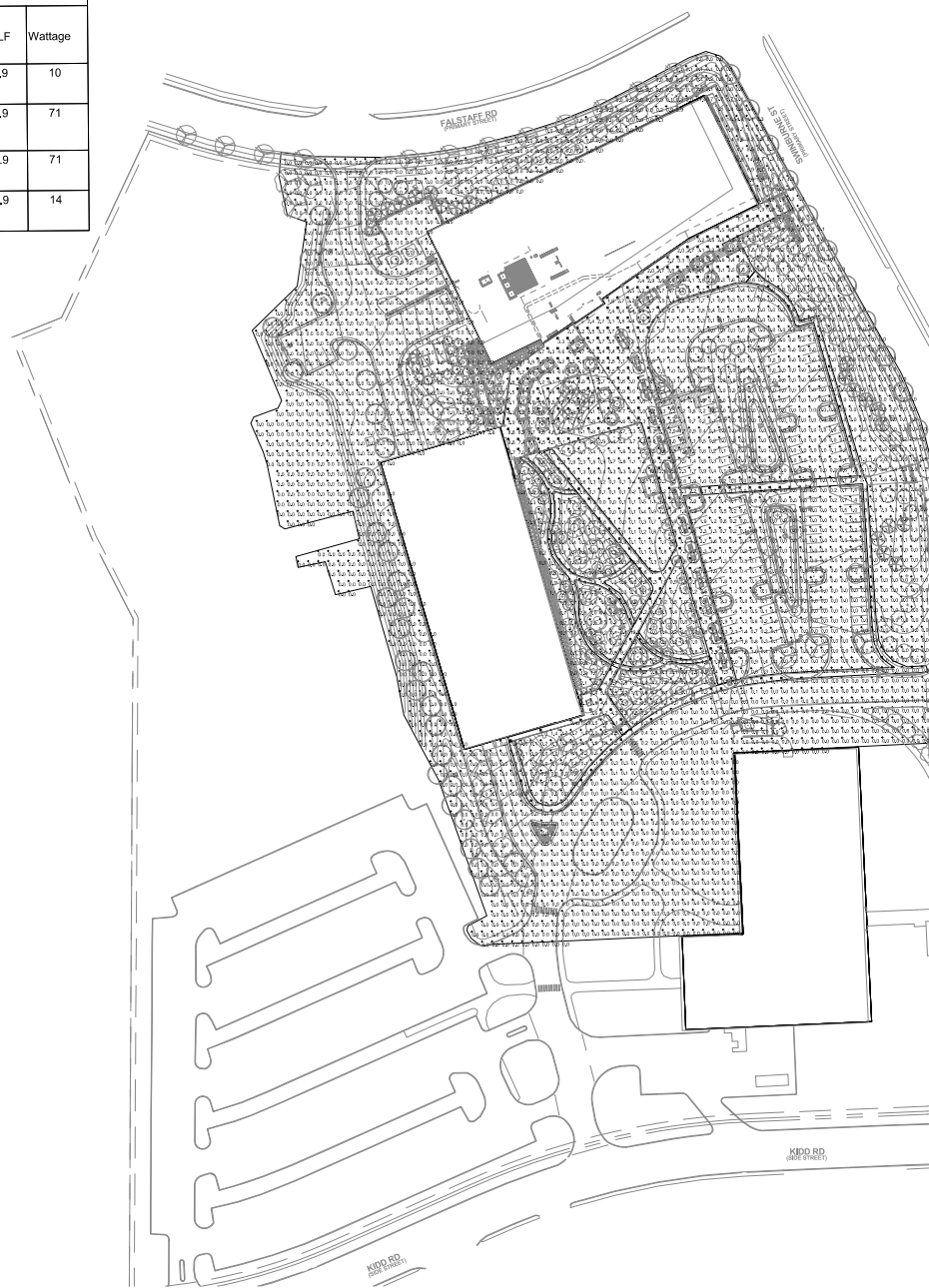
E1003


ENLARGED LOADING DOCK AREA

Schedule									
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	LLF	Wattage
	SC	36	NLS Lighting	TBL-36-T3-16L-175-40K8-UNV-AB-GPH-MGF	36"H TRAC BOLLARD LINEAR	1	791	0,9	10
	SD-4	3	NLS Lighting	TRC-2-T4-32L-7-40K8-UNV-SGL-GPH-MGF-12"	12"H TRAC2 ARM POST, TYPE4 FORWARD THROW OPTICS.	1	7886	0,9	71
	SD-5	29	NLS Lighting	TRC-2-T5-32L-7-40K8-UNV-SGL-GPH-MGF-12"	12"H TRAC2 ARM POST, TYPE 5 OPTICS.	1	8160	0,9	71
	SF	9	Performance in Lighting	C+15-14- O/M-IG-4K-277V-ELV	INGRADE TREE UPLIGHT	1	1202	0,9	14

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
WALKS-Primary	✕	3.8 fc	15.9 fc	0.1 fc	159.0:1	38.0:1
WALKS-Secondary	□	3.3 fc	7.1 fc	0.4 fc	17.8:1	8.3:1
WALKS-Street_Lot (see Duke Energy calcs)	✕	0.2 fc	2.7 fc	0.0 fc	N/A	N/A

Note
 1. Photometric calculations exclude Duke-Energy supplied pole luminaires.
 2. Point-by-Point values are predicted maintained footcandle (FC) on grade using luminaire photometric files.





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 Fax: 919.978.1001
 Email: info@obain.com

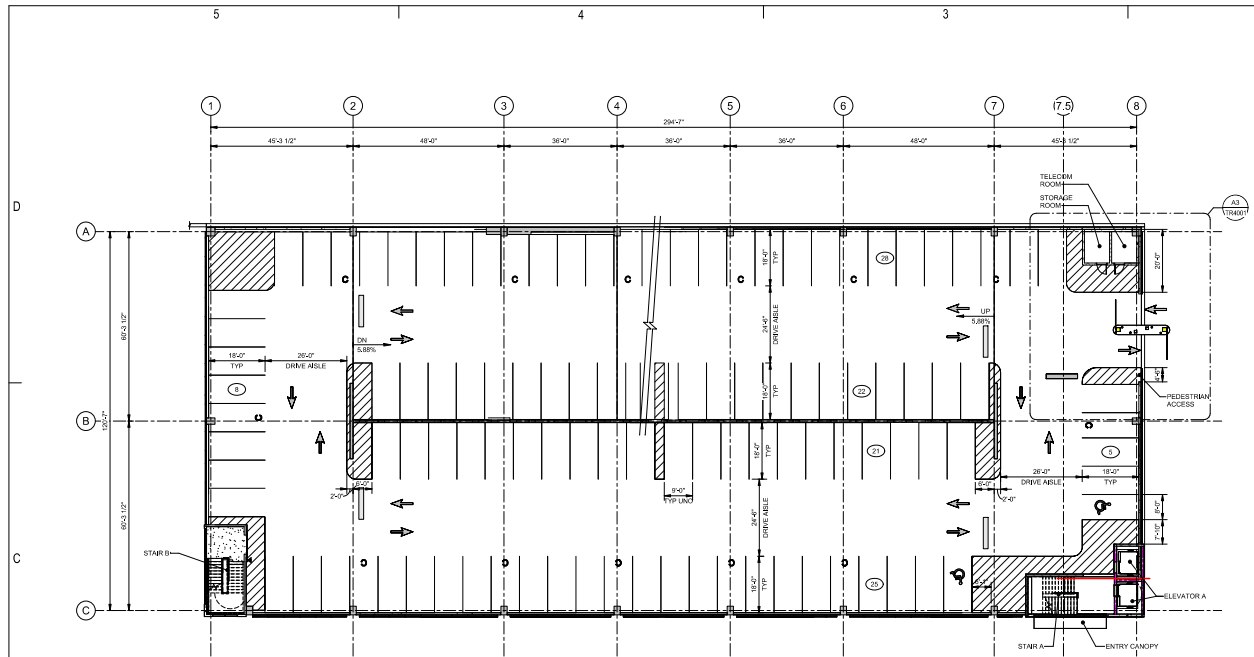
REV	DESCRIPTION	DATE

WAKE COUNTY PUBLIC
 HEALTH BUILDING
 3000 N. Main Street, Suite 200
 Raleigh, NC 27601
 202001

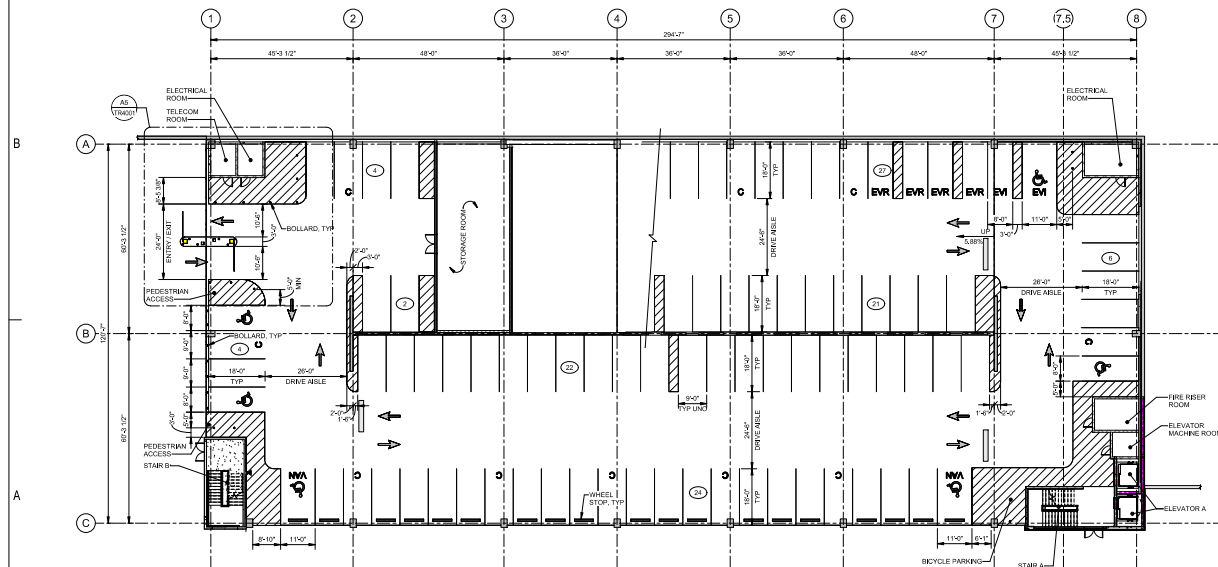
ISSUED SETS
 SITE PLAN SUBMITTAL 09/28/2022

Drawn By: JAB
 Project No.: 2020031

E1006
 OVERALL SITE PLAN •
 LIGHTING CALCULATIONS



CS
TR1111
STRIPING PLAN - LEVEL P2
SCALE: 1/16" = 1'-0"



A5
TR1111
STRIPING PLAN - LEVEL P1
SCALE: 1/16" = 1'-0"

NOTES:

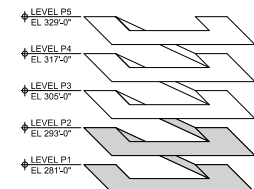
- ALL SPACES ARE TO BE 8'-0" WIDE UNLESS NOTED OTHERWISE, MEASURED FROM CENTER OF 4" WIDE WHITE STRIPE.
- FOR FINISHED FLOOR ELEVATIONS, REFER TO 300X.
- FOR DETAILS NOT SHOWN, REFER TO ARCHITECTURAL PLANS.
- FOR ENLARGED STAIR PLANS, REFER TO ARCHITECTURAL PLANS.
- VERTICAL FACE AND 6" OF TOP OF ALL RABED CONCRETE CURBS AND ISLANDS SHALL BE PAINTED YELLOW.
- ALL STEPPING TO BE RETRO-REFLECTIVE PAINT IN ACCORDANCE WITH SPECIFICATIONS.
- PARKING STALLS ARE CENTERED BETWEEN ADJACENT COLUMNS / WALLS, UNLESS NOTED OTHERWISE.
- ALL CURB CORNERS TO HAVE A MINIMUM 8'-4" RADIUS LUNG.
- THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
- THE CONTRACTOR SHALL CONFIRM AND COORDINATE ALL CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING ITEMS.
- THE CONTRACTOR SHALL COORDINATE FINAL SIGN LOCATIONS WITH LIGHT FIXTURES, PLUMBING RISERS, DRAINS, AND CONDUIT.
- ADA NOTES:
 - ALL ADA SPACES ARE TO BE 8'-0" WIDE, MIN. STANDARD ACCESSIBLES ARE 8'-0" WIDE TYP. VAN ACCESSIBLES ARE 8'-0" WIDE TYP. MEASUREMENTS ARE FROM CENTER OF 4" WIDE WHITE STRIPE.
 - ALL ACCESSIBLE ROUTES, GENERAL SITE AND BUILDING ELEMENTS, RAMPS, CURB RAMP, STAIRS, AND PAVEMENT MARKINGS SHALL CONFORM TO ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION.
 - BEFORE PLACING CONCRETE, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA) EXIST TO AND FROM EVERY DOOR AND ALONG SIDEWAYS. ACCESSIBLE PARKING SPACES, ACCESSIBLES, AND ACCESSIBLE ROUTES, ACCESSIBLE PARKING SPACES AND ACCESSIBLES SHALL NOT EXCEED 2.0 PERCENT SLOPE IN ANY DIRECTION.
 - CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENTS ON FINISHED SUBGRADE AND FORM BOARDS PRIOR TO PLACING CONCRETE TO VERIFY THAT ADA SLOPE REQUIREMENTS ARE MET. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO WORK IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED.

PARKING LEGEND:

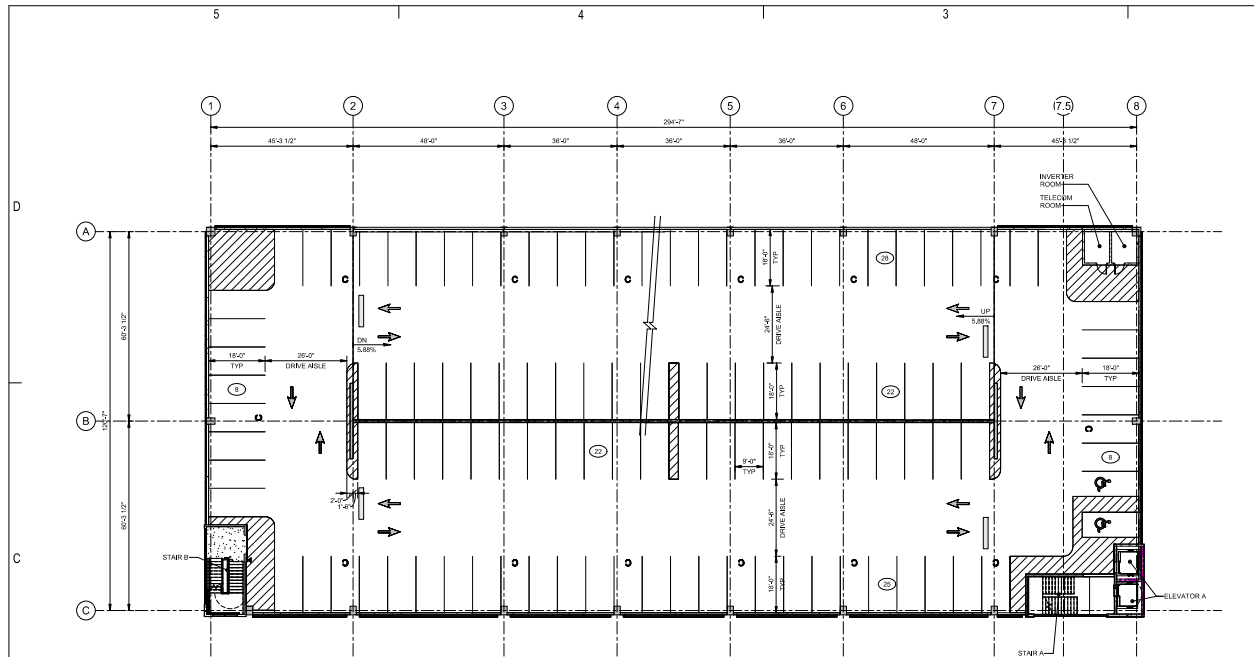
- 21 DENOTES NUMBER OF PARKING SPACES SPACED BETWEEN CURBS, CURB ISLANDS, PAINTED ISLANDS, ETC.
- Denotes CROSS-HATCHED PAINTED AREA, DIMENSIONS SHOWN ON PLAN SHALL BE TO CENTER OF PARKING STRIPE.
- Denotes ACCESSIBLE PARKING SPACE.
- Denotes "STOP" BAR AND WORD TO BE PAINTED ON FLOOR.
- Denotes PAVEMENT ARROW MARKING TO BE PAINTED ON FLOOR.
- Denotes PLATE METAL SIGN, TYPE PS-1, SEE TROOKS.
- Denotes HEADACHE BAR, TYPE HB-1, SEE TROOKS.
- EVC "ELECTRIC VEHICLE CAPABLE" DENOTES A PARKING SPACE INTENDED TO HAVE FUTURE ELECTRIC VEHICLE SUPPLY EQUIPMENT INSTALLED AND INCLUDES ELECTRIC PANEL CAPACITY, OVERPROTECTION, AND AN OPEN RACEWAY. FUTURE ELECTRIC CHARGING STATION, INC.
- EVR "ELECTRIC VEHICLE READY" DENOTES A PARKING SPACE SERVED BY A COMPLETE ELECTRIC CIRCUIT INCLUDING ELECTRICAL PANEL CAPACITY, RACEWAY, OVERPROTECTION, AND A RECEPTACLE FOR FUTURE EQUIPMENT INSTALLATION. SEE ELECTRICAL PLANS FOR ROUGH-IN PIPING REQUIREMENTS.
- EM "ELECTRIC VEHICLE INSTALLED" DENOTES ELECTRIC VEHICLE PARKING SPACE THAT INCLUDES INSTALLATION OF ELECTRIC VEHICLE SUPPLY EQUIPMENT (EV) CHARGING STATION. SEE TROOKS FOR EV CHARGING SIGNAGE TO BE INCLUDED AT EACH SPACE PROVIDED.
- C DENOTES COMPACT VEHICLE PARKING SPACE, PAINT "COMPACT VEHICLE" ON FLOOR.
- LEVEY DENOTES LOW EMISSION AND FUEL EFFICIENT VEHICLE PARKING.

PARKING SUMMARY					
LEVEL	TYPICAL	COMPACT	ACCESSIBLE	EV INSTALLED	EV READY
LEVEL P5	57	14	2	0	0
LEVEL P4	86	14	2	0	0
LEVEL P3	86	14	2	0	0
LEVEL P2	83	13	2	0	0
LEVEL P1	83	13	2	2	4
TOTAL	452	62	11	2	4

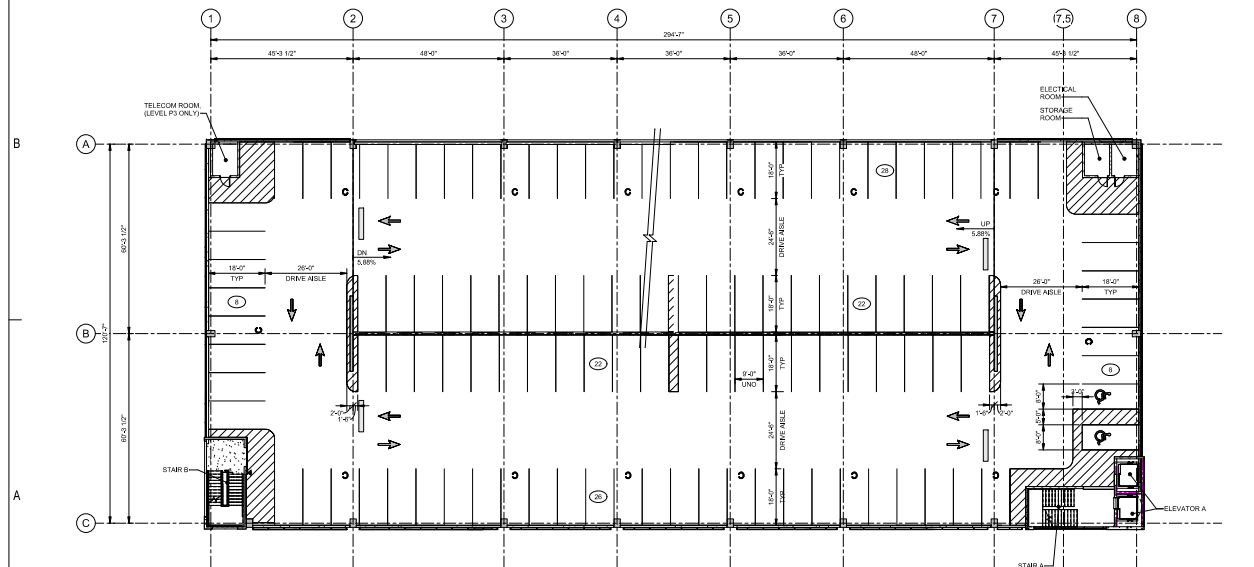
NOTES:
EV READY DENOTES STALLS THAT SHALL BE READY TO RECEIVE A CHARGING STATION AT A FUTURE DATE. INITIALLY, THESE STALLS WILL FUNCTION AS A TYPICAL PARKING STALL.



LEVEL KEY



CS
TR1112
STRIPING PLAN - LEVEL P4
SCALE: 1/16" = 1'-0"

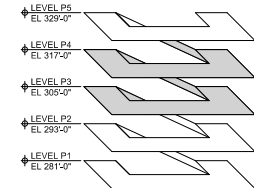


AS
TR1112
STRIPING PLAN - LEVEL P3
SCALE: 1/16" = 1'-0"

NOTES:
1. REFER TO SHEET NOTES ON TR1111.

PARKING LEGEND:

- 21 DENOTES NUMBER OF PARKING SPACES SPACED BETWEEN CURBS, CURB ISLANDS, PAINTED ISLANDS, ETC.
- DENOTES CROSS-HATCHED PAINTED AREA, DIMENSIONS SHOWN ON PLAN SHALL BE TO CENTER OF PARKING STRIPS.
- DENOTES ACCESSIBLE PARKING SPACE.
- DENOTES "STOP" BAR AND WORD TO BE PAINTED ON FLOOR.
- DENOTES PAVEMENT ARROW MARKING TO BE PAINTED ON FLOOR.
- DENOTES PLATE METAL SIGN, TYPE PS-1. SEE TROOKS.
- DENOTES HEADACHE BAR, TYPE HB-1. SEE TROOKS.
- "ELECTRIC VEHICLE CAPABLE" DENOTES A PARKING SPACE INTENDED TO HAVE FUTURE ELECTRIC VEHICLE SUPPLY EQUIPMENT INSTALLED AND INCLUDES ELECTRIC PANEL CAPACITY, OVERPROTECTION, AND AN OPEN RACEWAY. FUTURE ELECTRIC CHARGING STATION N/A.
- "ELECTRIC VEHICLE READY" DENOTES A PARKING SPACE SERVED BY A COMPLETE ELECTRIC CIRCUIT INCLUDING ELECTRICAL PANEL CAPACITY, RACEWAY, OVERPROTECTION, AND A RECEPTACLE FOR FUTURE EQUIPMENT INSTALLATION. SEE ELECTRICAL PLANS FOR ROUGH-IN PIPING REQUIREMENTS.
- "ELECTRIC VEHICLE INSTALLED" DENOTES ELECTRIC VEHICLE PARKING SPACE THAT INCLUDES INSTALLATION OF ELECTRIC VEHICLE SUPPLY EQUIPMENT (EV CHARGING STATION. SEE TROOKS FOR EV CHARGING SIGNAGE TO BE INCLUDED AT EACH SPACE PROVIDED).
- DENOTES COMPACT VEHICLE PARKING SPACE, PAINT "COMPACT VEHICLE" ON FLOOR.
- DENOTES LOW EMISSION AND FUEL EFFICIENT VEHICLE PARKING.



LEVEL KEY

O'BRIEN ATIONS

Architecture
Engineering
Interior Architecture
Planning
Landscape Design
Civil Engineering
Surveying
2010 S. Main Street
Suite 200
Durham, NC 27601
919.286.1000
www.obriention.com

Kimley-Horn

202020
421 DAVENPORT STREET, SUITE 600, RALEIGH, NC 27601
WWW.KIMLEY-HORN.COM
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REVISION SCHEDULE

REV #	DESCRIPTION	DATE
1	ISSUED SETS	09/28/2022

WAKE COUNTY PUBLIC HEALTH BUILDING - SITE

3001 HALLFORD BLVD., NC 27610
NORTH CAROLINA
27601

ISSUED SETS

09/28/2022

Drawn By: PCM

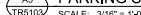
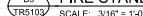
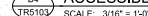
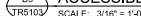
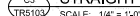
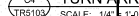
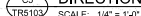
Project No: 011023023

TR1112

STRIPING PLANS - LEVEL P3 & P4

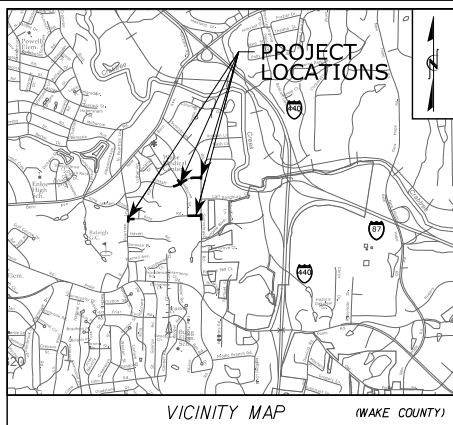


TR5103 SCALE: NTS



LEVEL KEY

- LEVEL P5
EL 329'-0"
- LEVEL P4
EL 317'-0"
- LEVEL P3
EL 305'-0"
- LEVEL P2
EL 293'-0"
- LEVEL P1
EL 281'-0"



1. IN THIS PROJECT SHALL CONFORM TO THESE PLANS, THE LATEST EDITIONS OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION (NCDOT) ROAD AND BRIDGE SPECIFICATIONS, THE NCDOT ROAD AND BRIDGE STANDARDS, THE NORTH CAROLINA EROSION AND SEDIMENT CONTROL HANDBOOK, THE NORTH CAROLINA EROSION AND SEDIMENT CONTROL REGULATIONS, CITY OF RALEIGH SPECIFICATIONS, AND GENERAL DESIGN STANDARDS. IN THE EVENT OF CONFLICT BETWEEN ANY OF THESE STANDARDS, SPECIFICATIONS, OR PLANS, THE MOST STRINGENT SHALL GOVERN UNLESS OTHERWISE NOTED IN THESE PLANS.
2. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL JOBSITE SAFETY, INCLUDING BUT NOT LIMITED TO TRENCH SAFETY, DURING ALL PHASES OF CONSTRUCTION.
3. THE LOCATION AND SIZE OF EXISTING UTILITIES AS SHOWN IS APPROXIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR HORIZONTALLY AND VERTICALLY LOCATING AND PROTECTING ALL PUBLIC OR PRIVATE UTILITIES (SHOWN OR NOT SHOWN) WHICH LIE IN OR ADJACENT TO THE CONSTRUCTION SITE. AT LEAST 48 HOURS PRIOR TO ANY DEMOLITION, GRADING, OR CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE NORTH CAROLINA ONE-CALL UTILITIES LOCATION SERVICE (1-800-632-4349) FOR PROPER IDENTIFICATION OF EXISTING UTILITIES WITHIN THE SITE.
4. THE CONTRACTOR SHALL SALVAGE AND PROTECT ALL EXISTING POWER POLES, SIGNS, MANHOLES, TELEPHONE RISERS, WATER VALVES, ETC. DURING ALL CONSTRUCTION PHASES. THE CONTRACTOR SHALL REPAIR, AT HIS OWN EXPENSE, ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION.
5. TRAFFIC MANAGEMENT ON PUBLIC STREETS IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE IN CONFORMANCE WITH THE TRAFFIC CONTROL PLAN, THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES," AND AS FURTHER DIRECTED BY THE TOWN AND STATE INSPECTORS.
6. ALL MANUFACTURERS' PRODUCTS SPECIFIED IN THESE PLANS OR USED AS APPROVED ALTERNATES SHALL BE INSTALLED PER THE MANUFACTURERS' SPECIFICATIONS.
7. ANY DISCREPANCIES FOUND BETWEEN THE DRAWINGS AND SPECIFICATIONS AND SITE CONDITIONS OR ANY INCONSISTENCIES OR AMBIGUITIES IN DRAWINGS OR SPECIFICATIONS SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER, IN WRITING, AND SHALL PROMPTLY ADDRESS SUCH INCONSISTENCIES OR AMBIGUITIES. WORK DONE BY THE CONTRACTOR AFTER HIS DISCOVERY OF SUCH DISCREPANCIES, INCONSISTENCIES, OR AMBIGUITIES SHALL BE DONE AT THE CONTRACTOR'S RISK.
8. CONSTRUCTION TAKEOUT FOR THIS PROJECT SHALL BE PROVIDED BY THE CONTRACTOR.
9. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL ARRANGE THE MEETING WITH NCDOT AND THE CITY OF RALEIGH.
10. CONTRACTOR IS RESPONSIBLE FOR VERIFYING OR OBTAINING ALL REQUIRED PERMITS AND APPROVALS PRIOR TO COMMENCING CONSTRUCTION. NCDOT ENCROACHMENTS SHALL BE OBTAINED BY THE ENGINEER.
11. THE FRAMES AND COVERS OF ALL EXISTING AND PROPOSED DRAINAGE, SANITARY SEWER, WATER MAIN, GAS, AND WIRE UTILITY STRUCTURES SHALL BE ADJUSTED TO MATCH PROPOSED FINISHED ELEVATIONS AND SLOPES.
12. ROADWAYS MUST BE CAPABLE OF SUPPORTING FIRE APPARATUS DURING CONSTRUCTION.
13. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT NCDOT STANDARDS, SPECIFICATIONS, DETAILS AND ENCROACHMENT AGREEMENTS.
14. NO CHANGES TO ANY ASPECT OF THIS ROADWAY PLAN, INCLUDING BUT NOT LIMITED TO, LANDSCAPING, GRADING, BUILDING ELEVATIONS, LIGHTING, OR UTILITIES WILL BE MADE WITHOUT THE APPROVAL OF NCDOT.
15. ALL TREE PROTECTION FENCING SHALL BE MAINTAINED UNTIL ALL SITE WORK IS COMPLETED. THE FENCING SHALL BE REMOVED PRIOR TO THE FINAL SITE INSPECTION FOR THE CERTIFICATE OF OCCUPANCY (CO).
16. CONTRACTOR TO ENSURE THAT ALL STREETS WITHIN THE LIMITS OF THE PROJECT AND IN FRONT OF THE PROJECT ARE KEPT CLEAN AT ALL TIMES OR A WASH STATION WILL BE REQUIRED.
17. ALL STORM DRAIN FRAMES & GRATES SHALL BE STAMPED WITH "DRAINS TO RIVER" PER CITY OF RALEIGH STANDARDS.
18. LIMITS OF OFFSITE IMPROVEMENTS NOT WITHIN FLOODPLAIN.

1. WATER VALVE BOXES THAT ARE ENCOUNTERED WITHIN THE PROJECT LIMITS ARE TO BE RAISED OR LOWERED TO MATCH THE ADJACENT FINISHED WORK.
2. WATER METER BOXES THAT ARE ENCOUNTERED WITHIN THE PROJECT LIMITS OUTSIDE THE PROPOSED PAVEMENT SECTION ARE TO BE RAISED OR LOWERED TO MATCH THE ADJACENT FINISHED WORK.
3. WATER METER BOXES THAT ARE ENCOUNTERED WITHIN THE PROPOSED PAVEMENT SECTION ARE TO BE RELOCATED OUT OF THE PROPOSED PAVEMENT.

1. THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. GRADE LINES MAY BE ADJUSTED AT THEIR BEGINNING AND ENDING AND AT STRUCTURES, AND EXISTING PAVEMENTS AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER DRAIN.
2. REFER TO EROSION CONTROL SHEETS FOR CLEARING LIMITS AND TEMPORARY EROSION CONTROL DEVICES TO BE INSTALLED PRIOR TO COMMENCING CONSTRUCTION.
3. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY, RELOCATED WHEN AND AS NECESSARY, AND SHALL BE CHECKED AFTER EVERY RAINFALL. SEEDS AREAS SHALL BE CHECKED REGULARLY AND SHALL BE WATERED, FERTILIZED, RESEEDED, AND MULCHED AS NECESSARY TO OBTAIN A DENSE STAND OF GRASS.
4. ALL AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE, AND AS SHOWN ON THESE PLANS, THE CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION. IN ADDITION TO THE MEASURES SHOWN IN THESE PLANS, THE CONTRACTOR SHALL USE INTERM SILT FENCES, DIVERSION DITCHES, AND OTHER METHODS AS REQUIRED TO DIRECT DRAINAGE AS SHOWN ON THESE PLANS, TO BEST UTILIZE THE EROSION CONTROL DEVICES IN PLACE, AND TO PREVENT SILT AND CONSTRUCTION DEBRIS FROM FLOWING ONTO ADJACENT PROPERTIES.
5. CONTRACTOR SHALL MAINTAIN ADEQUATE STATE AND LOCAL EROSION, CONSERVATION, AND SILTATION ORDINANCES. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL DEVICES UPON COMPLETION OF PERMANENT DRAINAGE FACILITIES AND THE ESTABLISHMENT OF A STAND OF GRASS OR OTHER GROWTH TO PREVENT EROSION.
6. GRADING CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES FOR ANY REQUIRED UTILITY ADJUSTMENTS AND/OR RELOCATIONS.
7. ALL MATERIALS USED FOR BACKFILL SHALL BE FREE OF WOOD, ROOTS, ROCKS, BouldERS, OR ANY OTHER NON-COMPATIBLE SOIL TYPE MATERIAL. UNSATISFACTORY MATERIALS ALSO INCLUDE MAN-MADE FILLS AND REFUSE DEBRIS DERIVED FROM ANY SOURCE.
8. ALL GRADING & SOIL COMPACTION OPERATIONS WITHIN THE LIMITS OF STATE RIGHT OF WAY SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS, IN ACCORDANCE WITH AASHTO T99 AS MODIFIED BY THE DEPARTMENT, COPIES OF THESE MODIFIED TESTING PROCEDURES ARE AVAILABLE UPON REQUEST FROM THE DEPARTMENT'S MATERIALS AND TESTS UNIT.
9. ALL DEMOLITION DEBRIS AND OTHER EXCESS MATERIAL SHALL BE HAULED OFF-SITE AS DIRECTED BY THE OWNER AND PROPERLY DISPOSED OF.
10. PROPOSED CONTOURS AND GUTTER GRADIENTS ARE APPROXIMATE, PROPOSED ROADWAY PROFILES/SUPERELEVATIONS ARE TO BE USED IN CASE OF DISCREPANCY.
11. REFER TO ROADWAY PLAN FOR HORIZONTAL DIMENSIONS.
12. WHERE FILL IS TO BE PLACED ON EXISTING SLOPES STEEPER THAN 4:1, CONTRACTOR SHALL EXCAVATE BENCHES WITH A MAXIMUM DEPTH OF 3'.
13. THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR BLASTING ROCK IF BLAST ROCK IS ENCOUNTERED. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL BLASTING AND SAFETY REQUIREMENTS.
14. TREE PROTECTION FENCING SHALL BE INSTALLED AND INSPECTED BEFORE THE GRADING PERMIT IS ISSUED.
15. CROSS SLOPES AND ELEVATIONS SHOWN ON CROSS SECTIONS ARE APPROXIMATE, PROPOSED PAVEMENT CROSSLINES AND EXISTING GRADES ARE APPROXIMATE, EXISTING GRADES DETERMINED IN FIELD, IF FIELD CONDITIONS VARY FROM THOSE SHOWN ON PLANS, NOTIFY ENGINEER IMMEDIATELY.

1. WHERE PROPOSED CURB AND GUTTER TIES TO EXISTING CURB OR CURB AND GUTTER, A TRANSITION OF 10" SHALL BE MADE TO CONFORM TO THE EXISTING HEIGHTS AND SHAPES.
2. BEFORE ANY EARTHWORK IS DONE, THE CONTRACTOR SHALL STAKE OUT AND MARK THE LIMITS OF PAVEMENT AND OTHER ITEMS ESTABLISHED IN THE PLANS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ENGINEERING AND SURVEYING FOR LINE AND GRADE CONTROL POINTS RELATED TO EARTHWORK.
3. ALL PAVEMENT SUB GRADES SHALL BE SCARIFIED TO A DEPTH OF 8 INCHES AND COMPACTED TO A MINIMUM DENSITY OF 100 PERCENT OF ASTM D-1557 DENSITY AT OPTIMUM MOISTURE CONTENT. OTHERWISE, SUBGRADE ON THE CONSTRUCTION PLANS OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER, FILL SHALL BE PLACED AND COMPACTED IN MAXIMUM 8" LIFTS. IN AREAS WHERE ROCK IS ENCOUNTERED AT FINAL SUB GRADE ELEVATION, THE EXPOSED ROCK SHALL BE TOPPED WITH A LEVELING COURSE OF SANDY CLAY OR CLAYEY SAND (PI_u BETWEEN 4 AND 15) AS NEEDED TO PROVIDE A SMOOTH SURFACE FOR PAVING.
4. THE CONTRACTOR SHALL CLEAR AND GRUB THE SITE AND PLACE, COMPACT, AND MOISTURE CONDITION ALL FILL PER THE PROJECT GEOTECHNICAL ENGINEER'S SPECIFICATIONS. THE FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT.
5. ALL CURB JOINTS SHALL EXTEND THROUGH THE CURB. MINIMUM LENGTH OF OFFSET JOINTS AT RADIUS POINTS IS 1.5 FEET. ALL JOINTS SHALL BE SEALED WITH JOINT SEALANT.
6. TESTING OF MATERIALS REQUIRED FOR THE CONSTRUCTION OF THE PAVING IMPROVEMENTS SHALL BE PERFORMED BY AN APPROVED AGENCY FOR TESTING MATERIALS. THE NOMINATION OF THE TESTING LABORATORY AND THE PAYMENT OF SUCH TESTING SERVICES SHALL BE MADE BY THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SHOW BY STANDARD TESTING PROCEDURES THAT THE WORK CONSTRUCTED DOES MEET THE REQUIREMENTS OF THE NCDOT SPECIFICATIONS.
7. ALL REINFORCING STEEL SHALL BE NEW DOMESTIC BILLET STEEL CONFORMING TO ASTM A-615, GRADE 60, AND SHALL BE SUPPORTED BY BAR CHAIRS.
8. ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES ON PUBLIC STREETS SHALL CONFORM TO MUTCD, AND NCDOT STANDARDS.
9. ALL HANDICAP RAMPING, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO ADA REQUIREMENTS AND THE "NORTH CAROLINA STATE BUILDING CODE, VOL. I-C ACCESSIBILITY CODE." ALL RAMPS SHALL COMPLY WITH THE LATEST NCDOT STANDARDS. WHEELCHAIR RAMPS ARE SHOWN ON THE PLANS AT APPROXIMATE LOCATIONS.
10. CONTRACTOR SHALL SAWCUT & REMOVE ANY THE EXISTING PAVEMENT WHEN THE EXISTING PAVEMENT IS BEING WIDENED OR WHERE NEW CURB AND GUTTER IS PROPOSED.
11. ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. 225.04 & 225.05 USING THE RATE OF SUPERELEVATION AND RUNOFF SHOWN ON THE PLANS. SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS.

[illegible]

Note: Not to Scale

BOUNDARIES AND PROPERTY:

State Line	_____
County Line	_____
Township Line	_____
City Line	_____
Reservation Line	_____
Property Line	_____
Existing Iron Pin (EIP)	⊙
Computed Property Corner	X
Existing Concrete Monument (ECM)	⊙
Parcel/Sequence Number	23
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	-o-o-o-
Proposed Chain Link Fence	-l-l-l-
Proposed Barbed Wire Fence	-d-d-d-
Existing Wetland Boundary	-w-w-w-
Proposed Wetland Boundary	-w-w-w-
Existing Endangered Animal Boundary	-e-a-e-a-
Existing Endangered Plant Boundary	-e-p-e-p-
Existing Historic Property Boundary	-h-p-h-p-
Known Contamination Area: Soil	-k-c-a-s-
Potential Contamination Area: Soil	-p-c-a-s-
Known Contamination Area: Water	-k-c-a-w-
Potential Contamination Area: Water	-p-c-a-w-
Contaminated Site: Known or Potential	-c-s-k-o-p-

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or UG Tank Cap	⊙
Sign	⊙
Well	⊙
Small Mine	⊙
Foundation	⊙
Area Outline	⊙
Cemetery	⊙
Building	⊙
School	⊙
Church	⊙
Dam	⊙

HYDROLOGY:

Stream or Body of Water	_____
Hydro, Pool or Reservoir	_____
Jurisdictional Stream	-js-
Buffer Zone 1	-bz 1-
Buffer Zone 2	-bz 2-
Flow Arrow	→
Disappearing Stream	_____
Spring	⊙
Wetland	⊙
Proposed Lateral, Tail, Head Ditch	_____
False Sump	⊙

RAILROADS:

Standard Gauge	_____
RR Signal Milepost	_____
Switch	_____
RR Abandoned	_____
RR Dismantled	_____

RIGHT OF WAY & PROJECT CONTROL:

Primary Horiz Control Point	⊙
Primary Horiz and Vert Control Point	⊙
Secondary Horiz and Vert Control Point	⊙
Vertical Benchmark	⊙
Existing Right of Way Monument	⊙
Proposed Right of Way Monument (Rebar and Cap)	⊙
Proposed Right of Way Monument (Concrete)	⊙
Existing Permanent Easement Monument	⊙
Proposed Permanent Easement Monument (Rebar and Cap)	⊙
Existing C/A Monument	⊙
Proposed C/A Monument (Rebar and Cap)	⊙
Proposed C/A Monument (Concrete)	⊙
Existing Right of Way Line	_____
Proposed Right of Way Line	_____
Existing Control of Access Line	_____
Proposed Control of Access Line	_____
Proposed ROW and CA Line	_____
Existing Easement Line	_____
Proposed Temporary Construction Easement	_____
Proposed Temporary Drainage Easement	_____
Proposed Permanent Drainage Easement	_____
Proposed Permanent Drainage/Utility Easement	_____
Proposed Permanent Utility Easement	_____
Proposed Temporary Utility Easement	_____
Proposed Aerial Utility Easement	_____

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	_____
Existing Curb	_____
Proposed Slope Stakes Cut	_____
Proposed Slope Stakes Fill	_____
Proposed Curb Ramp	_____
Existing Metal Guardrail	_____
Proposed Guardrail	_____
Existing Cable Guiderail	_____
Proposed Cable Guiderail	_____
Equality Symbol	_____
Pavement Removal	_____

VEGETATION:

Single Tree	⊙
Single Shrub	⊙
Hedge	_____

Woods Line	_____
Orchard	_____
Vineyard	_____

EXISTING STRUCTURES:

MAJOR:	_____
Bridge, Tunnel or Box Culvert	_____
Bridge Wing Wall, Head Wall and End Wall	_____
MINOR:	_____
Head and End Wall	_____
Pipe Culvert	_____
Footbridge	_____
Drainage Box: Catch Basin, DI or JB	_____
Paved Ditch Gutter	_____
Storm Sewer Manhole	_____
Storm Sewer	_____

UTILITIES:

* SUE - Subsurface Utility Engineering
LOS - Level of Service - A,B,C or D (Accuracy)

POWER:	_____
Existing Power Pole	_____
Proposed Power Pole	_____
Existing Joint Use Pole	_____
Proposed Joint Use Pole	_____
Power Manhole	_____
Power Line Tower	_____
Power Transformer	_____
UG Power Cable Hand Hole	_____
H-Frame Pole	_____
UG Power Line Test Hole (SUE - LOS A)*	_____
UG Power Line (SUE - LOS B)*	_____
UG Power Line (SUE - LOS C)*	_____
UG Power Line (SUE - LOS D)*	_____

TELEPHONE:

Existing Telephone Pole	_____
Proposed Telephone Pole	_____
Telephone Manhole	_____
Telephone Pedestal	_____
Telephone Cell Tower	_____
UG Telephone Cable Hand Hole	_____
UG Telephone Test Hole (SUE - LOS A)*	_____
UG Telephone Cable (SUE - LOS B)*	_____
UG Telephone Cable (SUE - LOS C)*	_____
UG Telephone Cable (SUE - LOS D)*	_____
UG Telephone Conduit (SUE - LOS B)*	_____
UG Telephone Conduit (SUE - LOS C)*	_____
UG Telephone Conduit (SUE - LOS D)*	_____
UG Fiber Optics Cable (SUE - LOS B)*	_____
UG Fiber Optics Cable (SUE - LOS C)*	_____
UG Fiber Optics Cable (SUE - LOS D)*	_____

WATER:

Water Manhole	_____
Water Meter	_____
Water Valve	_____
Water Hydrant	_____
UG Water Line Test Hole (SUE - LOS A)*	_____
UG Water Line (SUE - LOS B)*	_____
UG Water Line (SUE - LOS C)*	_____
UG Water Line (SUE - LOS D)*	_____
Above Ground Water Line	_____

TV:

TV Pedestal	_____
TV Tower	_____
UG TV Cable Hand Hole	_____
UG TV Test Hole (SUE - LOS A)*	_____
UG TV Cable (SUE - LOS B)*	_____
UG TV Cable (SUE - LOS C)*	_____
UG TV Cable (SUE - LOS D)*	_____
UG Fiber Optic Cable (SUE - LOS B)*	_____
UG Fiber Optic Cable (SUE - LOS C)*	_____
UG Fiber Optic Cable (SUE - LOS D)*	_____

GAS:

Gas Valve	_____
Gas Meter	_____
UG Gas Line Test Hole (SUE - LOS A)*	_____
UG Gas Line (SUE - LOS B)*	_____
UG Gas Line (SUE - LOS C)*	_____
UG Gas Line (SUE - LOS D)*	_____
Above Ground Gas Line	_____

SANITARY SEWER:

Sanitary Sewer Manhole	_____
Sanitary Sewer Cleanout	_____
UG Sanitary Sewer Line	_____
Above Ground Sanitary Sewer	_____
SS Force Main Line Test Hole (SUE - LOS A)*	_____
SS Force Main Line (SUE - LOS B)*	_____
SS Force Main Line (SUE - LOS C)*	_____
SS Force Main Line (SUE - LOS D)*	_____

MISCELLANEOUS:

Utility Pole	_____
Utility Pole with Base	_____
Utility Located Object	_____
Utility Traffic Signal Box	_____
Utility Unknown UG Line (SUE - LOS B)*	_____
UG Tank; Water, Gas, Oil	_____
Underground Storage Tank, Approx. Loc.	_____
A/G Tank; Water, Gas, Oil	_____
Geoenvironmental Boring	_____
Abandoned According to Utility Records	_____
End of Information	_____

Kimley»Horn

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300 MORRIS STREET, DURHAM, NC 27701, SUITE 200
PHONE: 919-482-5583
FAX: 919-482-5583
NC LICENSE # F-0102

KHA PROJECT
DATE
10/13/2022
SCALE
NTS
DESIGNED BY: BTV
DRAWN BY: BTV
CHECKED BY: BTV

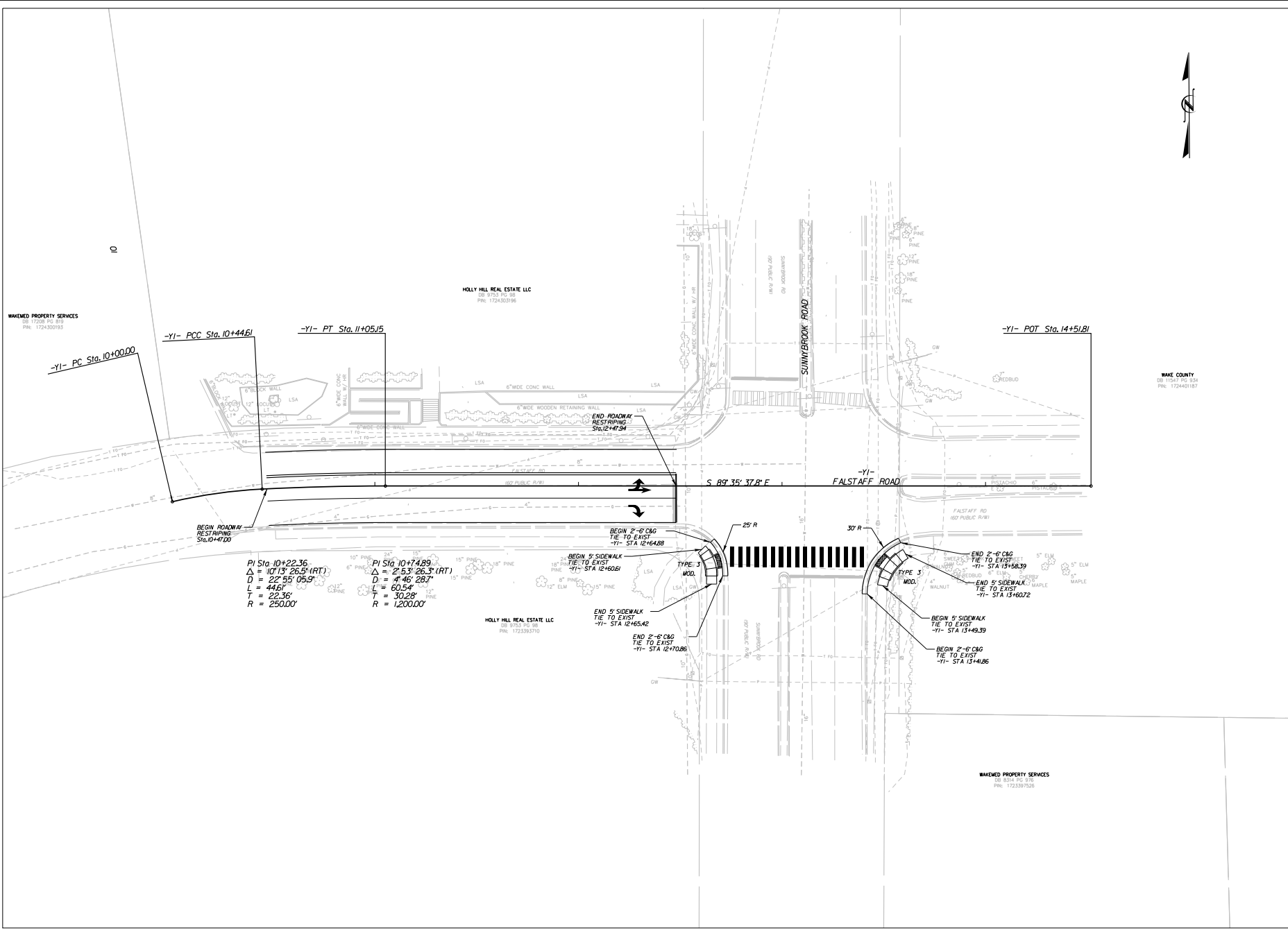
CONVENTIONAL
SYMBOLS

WAKE COUNTY
PUBLIC HEALTH

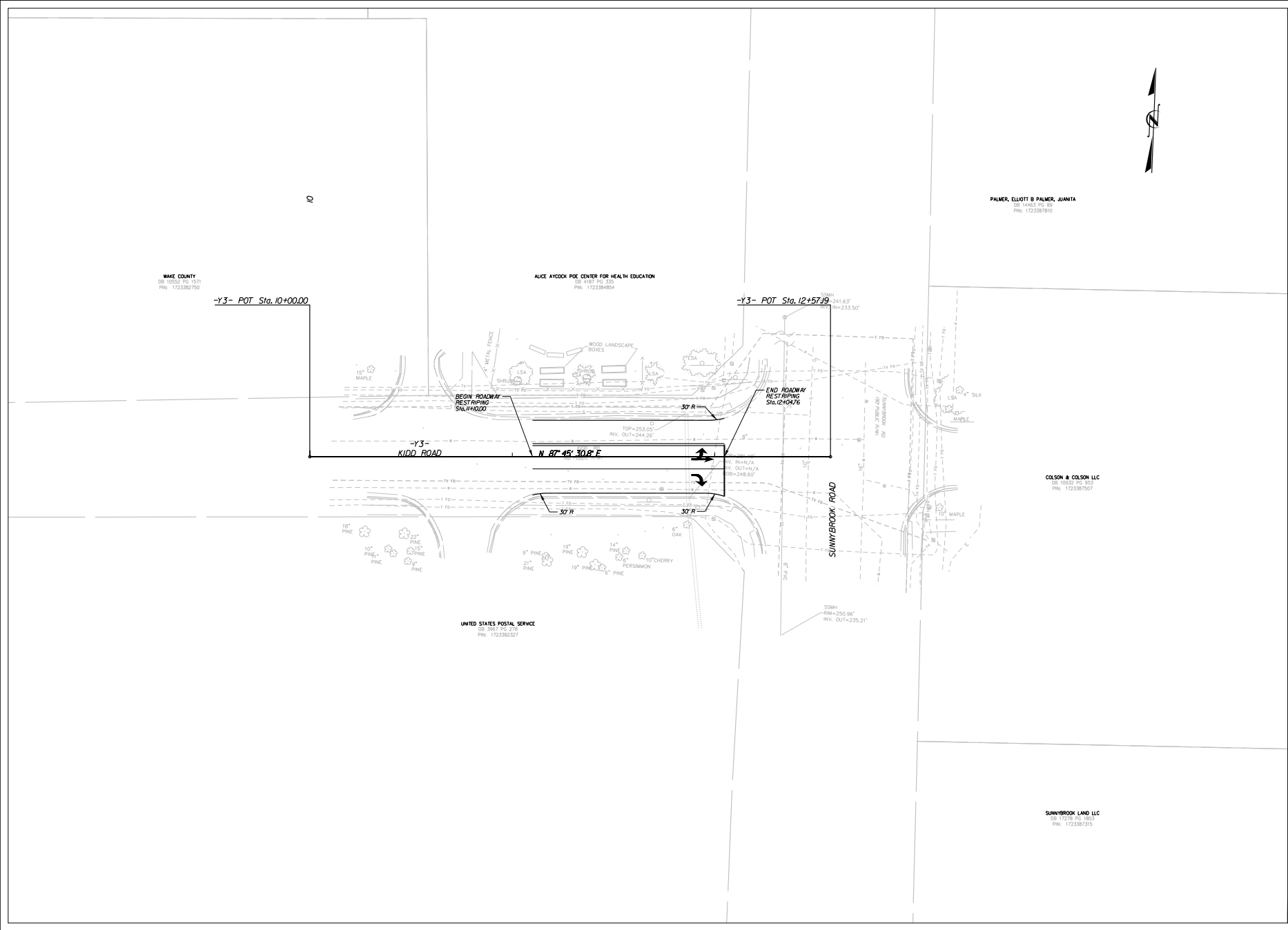
SHEET NUMBER
R0.02

DATE
REVISED
BY

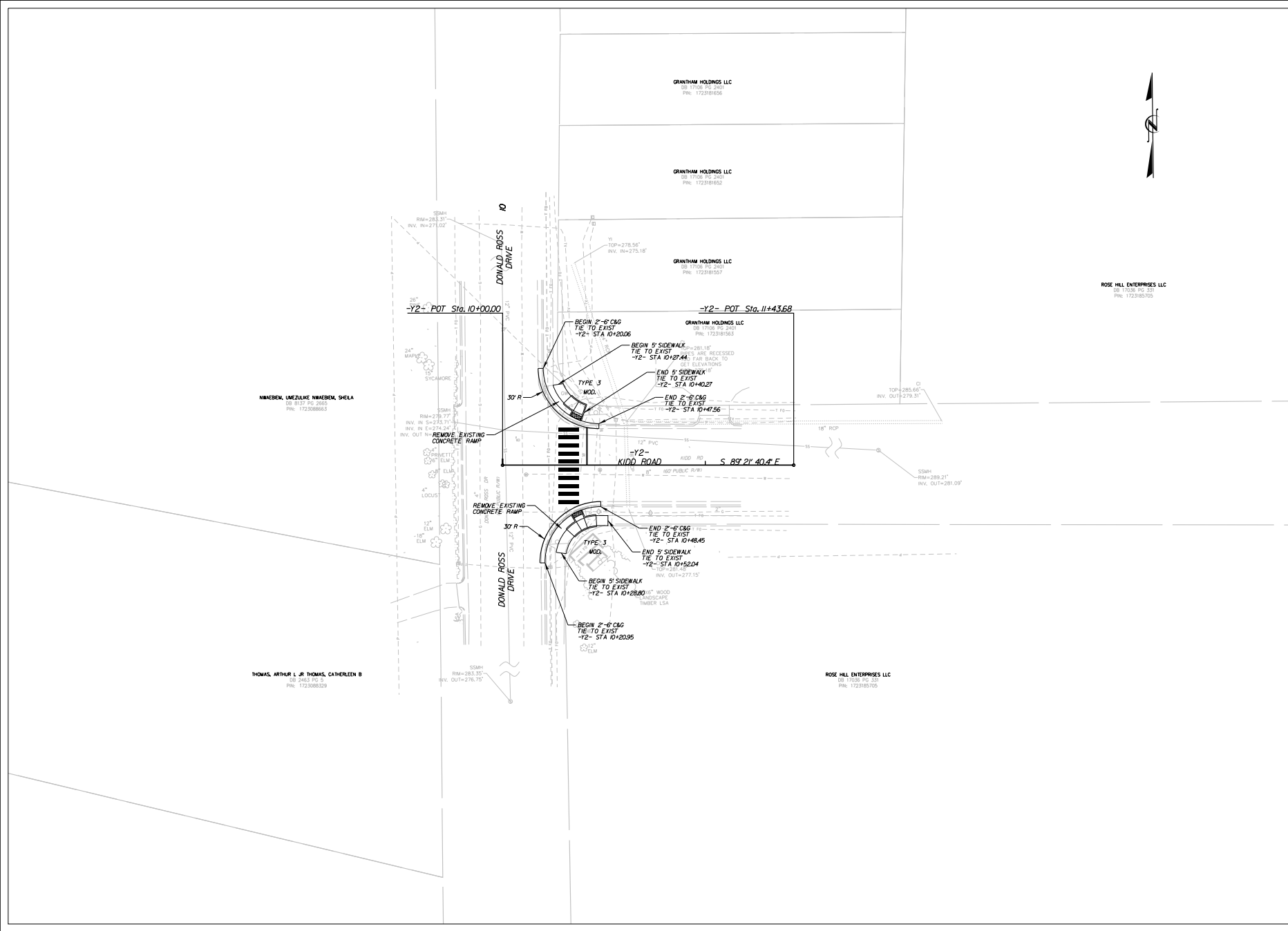
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


WAKE COUNTY PUBLIC HEALTH		NORTH CAROLINA		WAKE	
SHEET NUMBER R2.01		DATE 10/13/2022		BY BTV	
PROJECT SUNNYBROOK ROAD AT FALSTAFF ROAD		SCALE 1"=20'		DRAWN BY BTV	
KHA PROJECT 10/13/2022		CHECKED BY BTV		REVISIONS	
KIMLEY HORN		DATE 10/13/2022		BY	
300 KIRK STREET, DURHAM, NC 27701, SUITE 200 PHONE: 919-485-5583 FAX: 919-485-5584 WWW.KIMLEYHORN.COM NC LICENSE # F-0102		NO.		REVISIONS	



WAKE COUNTY PUBLIC HEALTH		NORTH CAROLINA		WAKE	
SHEET NUMBER R2.02		PLAN VIEW: SUNNYBROOK ROAD AT KIDD ROAD		KHA PROJECT 01029030 DATE 10/13/2022 SCALE 1"=20' DESIGNED BY: BTY DRAWN BY: BTY CHECKED BY: BTY	
Kimley»Horn		© 2022 300 MORRIS STREET, DURHAM, NC 27701, SUITE 200 PHONE: 919-485-5583 FAX: 919-485-5584 NC LICENSE # F-0102		No.	
				REVISIONS	
				DATE	
				BY	

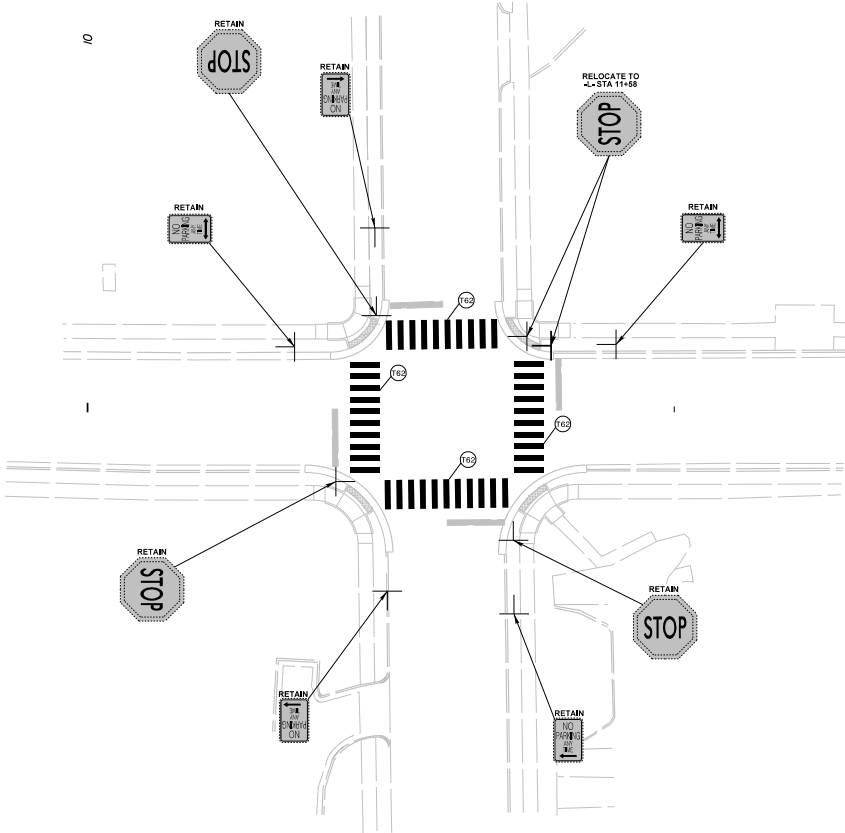


WAKE COUNTY PUBLIC HEALTH	NORTH CAROLINA	KIMLEY-HORN © 2022 300 MORRIS STREET, DURHAM, NC 27701, SUITE 200 PHONE: 919-485-5583 FAX: 919-485-5583 WWW.KIMLEY-HORN.COM NC LICENSE # F-0102	REVISIONS		DATE	BY
			No.			
PLAN VIEW: DONALD ROSS DRIVE AT KIDD ROAD		KHA PROJECT 010203030 DATE 10/13/2022 SCALE 1"=20' DESIGNED BY: BTW DRAWN BY: BTW CHECKED BY: BTW	Kimley-Horn			
SHEET NUMBER R2.03						




SIGNING LEGEND	
	DENOTES NEW "U" CHANNEL POST/PROPOSED SIGN LOCATION
	DENOTES EXISTING "U" CHANNEL POST/EXISTING SIGN LOCATION
	DENOTES EXISTING SIGNAL

PAVEMENT MARKING LINES	
T2	• THERMOPLASTIC (4" WHITE, 90 MILS) LANE LINE
T13	• THERMOPLASTIC (4" YELLOW, 90 MILS) DOUBLE CENTER
T81	• THERMOPLASTIC (24" WHITE, 90 MILS) STOPBAR
T62	• THERMOPLASTIC (24" WHITE, 90 MILS) CROSSWALK LINE
PAVEMENT MARKING SYMBOLS	
T71	• THERMOPLASTIC (RIGHT TURN ARROW) (90 MILS)
T73	• THERMOPLASTIC (COMBO, LEFT/STRAIGHT ARROW) (90 MILS)

PAVEMENT MARKING	
NOTES:	
1.	CONTRACTOR TO TIE PROPOSED MARKINGS TO EXISTING MARKINGS AT PROJECT LIMITS.
2.	CONTRACTOR SHALL WEAR ANY EXISTING MARKINGS OR SYMBOLS IN CONFLICT WITH PROPOSED MARKINGS.
3.	RAISED REFLECTIVE PAVEMENT MARKERS ARE TO BE PLACED ACCORDING TO MCDOT ROADWAY STANDARD DRAWINGS.
4.	ALL RAISED REFLECTIVE PAVEMENT MARKERS TO BE SIGNIFY DRAINABLE.

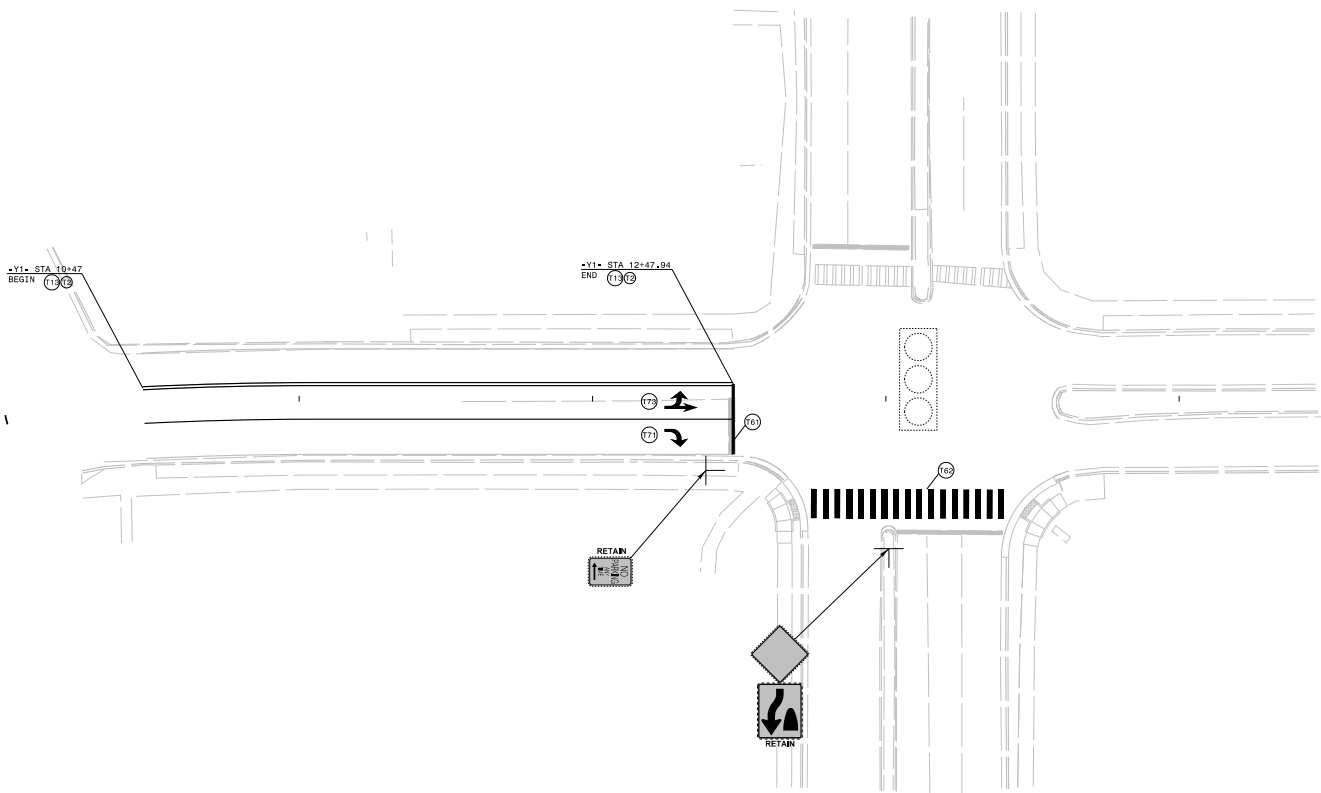


KIMLEY-HORN		KIMLEY-HORN	
300 MORRIS STREET, DURHAM, NC 27701, SUITE 200		300 MORRIS STREET, DURHAM, NC 27701, SUITE 200	
PHONE: 919-488-5583		PHONE: 919-488-5583	
FAX: 919-488-5583		FAX: 919-488-5583	
NC LICENSE # F-0102		NC LICENSE # F-0102	
PAVEMENT MARKING AND SIGNING PLAN:		PAVEMENT MARKING AND SIGNING PLAN:	
FALSTAFF ROAD AT SWINBURNE STREET		FALSTAFF ROAD AT SWINBURNE STREET	
WAKE COUNTY PUBLIC HEALTH		WAKE COUNTY PUBLIC HEALTH	
NORTH CAROLINA		NORTH CAROLINA	
WAKE		WAKE	
SHEET NUMBER R3.00		SHEET NUMBER R3.00	
DATE		DATE	
BY		BY	
REVISIONS		REVISIONS	
No.		No.	



SIGNING LEGEND	
	DENOTES NEW "U" CHANNEL POST/PROPOSED SIGN LOCATION
	DENOTES EXISTING "U" CHANNEL POST/EXISTING SIGN LOCATION
	DENOTES EXISTING SIGNAL

PAVEMENT MARKING LINES	
T2	• THERMOPLASTIC (4" WHITE, 90 MILS) LANE LINE
T13	• THERMOPLASTIC (4" YELLOW, 90 MILS) DOUBLE CENTER
T81	• THERMOPLASTIC (24" WHITE, 90 MILS) STOPBAR
T62	• THERMOPLASTIC (24" WHITE, 90 MILS) CROSSWALK LINE
PAVEMENT MARKING SYMBOLS	
T71	• THERMOPLASTIC (RIGHT TURN ARROW) (90 MILS)
T73	• THERMOPLASTIC (COMBO, LEFT/STRAIGHT ARROW) (90 MILS)

PAVEMENT MARKING	
NOTES:	
1.	CONTRACTOR TO TIE PROPOSED MARKINGS TO EXISTING MARKINGS AT PROJECT LIMITS.
2.	CONTRACTOR SHALL WELL ANY EXISTING MARKINGS OR SYMBOLS IN CONFLICT WITH PROPOSED MARKINGS.
3.	RAISED REFLECTIVE PAVEMENT MARKERS ARE TO BE PLACED ACCORDING TO MCDOT ROADWAY STANDARD DRAINAGES.
4.	ALL RAISED REFLECTIVE PAVEMENT MARKERS TO BE SIGNIFY-ORABLE.

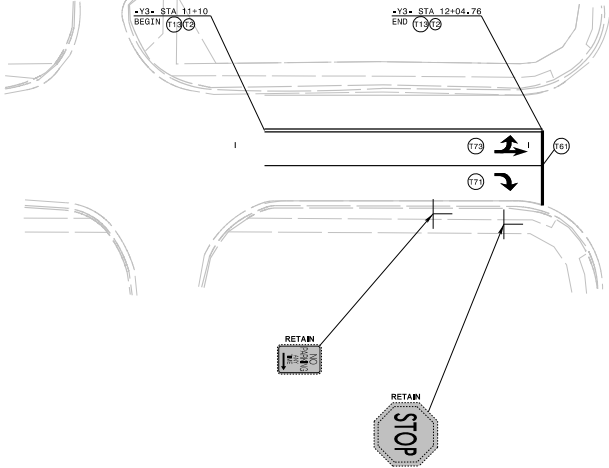


WAKE COUNTY PUBLIC HEALTH		NORTH CAROLINA		WAKE	
PAVEMENT MARKING AND SIGNING PLAN:		SUNNYBROOK ROAD		AT FALSTAFF ROAD	
KHA PROJECT DATE		10/13/2022		SCALE 1"=20'	
DESIGNED BY:		BY		RIP	
DRAWN BY:		BY		RIP	
CHECKED BY:		BY		RIP	
KIMLEY-HORN		© 2022		300 MORRIS STREET, DURHAM, NC 27701, SUITE 200	
PHONE: 919-486-5583		FAX: 919-486-5583		NC LICENSE # F-0102	
REVISIONS		DATE		BY	
No.		No.		No.	

SIGNING LEGEND	
	DENOTES NEW "U" CHANNEL POST/PROPOSED SIGN LOCATION
	DENOTES EXISTING "U" CHANNEL POST/EXISTING SIGN LOCATION
	DENOTES EXISTING SIGNAL

PAVEMENT MARKING LINES	
T2	• THERMOPLASTIC (4" WHITE, 90 MILS) LANE LINE
T13	• THERMOPLASTIC (4" YELLOW, 90 MILS) DOUBLE CENTER
T81	• THERMOPLASTIC (24" WHITE, 90 MILS) STOPBAR
T62	• THERMOPLASTIC (24" WHITE, 90 MILS) CROSSWALK LINE
PAVEMENT MARKING SYMBOLS	
T71	• THERMOPLASTIC (RIGHT TURN ARROW) (90 MILS)
T73	• THERMOPLASTIC (COMBO, LEFT/STRAIGHT ARROW) (90 MILS)

PAVEMENT MARKING	
NOTES:	
1.	CONTRACTOR TO TIE PROPOSED MARKINGS TO EXISTING MARKINGS AT PROJECT LIMITS.
2.	CONTRACTOR SHALL WEAR ANY EXISTING MARKINGS OR SYMBOLS IN CONFLICT WITH PROPOSED MARKINGS.
3.	RAISED REFLECTIVE PAVEMENT MARKERS ARE TO BE PLACED ACCORDING TO MCDOT ROADWAY STANDARD DRAINAGES.
4.	ALL RAISED REFLECTIVE PAVEMENT MARKERS TO BE SHOW/DRAINABLE.




WAKE COUNTY PUBLIC HEALTH		NORTH CAROLINA		WAKE	
PAVEMENT MARKING AND SIGNING PLAN:		SUNNYBROOK ROAD		AT KIDD ROAD	
KHA PROJECT DATE		10/13/2022		BY	
SCALE		1"=20'		BY	
DESIGNED BY:		BY		BY	
DRAWN BY:		BY		BY	
CHECKED BY:		BY		BY	
KIMLEY-HORN		© 2022		REVISIONS	
300 MORRIS STREET, DURHAM, NC 27701, SUITE 200		PHONE: 919-486-5583		DATE	
FAX: 919-486-5583		E-MAIL: info@kimley-horn.com		BY	
NC LICENSE # F-0102		No.		BY	



SIGNING LEGEND

┐ DENOTES NEW "U" CHANNEL POST / PROPOSED SIGN LOCATION

└ DENOTES EXISTING "U" CHANNEL POST / EXISTING SIGN LOCATION

 DENOTES EXISTING SIGNAL

PAVEMENT MARKING LINES

T2	• THERMOPLASTIC (4" WHITE, 90 WELS) LANE LINE
T13	• THERMOPLASTIC (4" YELLOW, 90 WELS) DOUBLE CENTER
T61	• THERMOPLASTIC (24" WHITE, 90 WELS) STOPBAR
T62	• THERMOPLASTIC (24" WHITE, 90 WELS) CROSSWALK LINE


PAVEMENT MARKING SYMBOLS

T71	• THERMOPLASTIC (RIGHT TURN ARROW) (90 WELS)
T73	• THERMOPLASTIC (COMBO, LEFT/STRAIGHT ARROW) (90 WELS)

PAVEMENT MARKING

NOTES:

1. CONTRACTOR TO TIE PROPOSED MARKINGS TO EXISTING MARKINGS AT PROJECT LIMITS.
2. CONTRACTOR SHALL MITL ANY EXISTING MARKINGS OR SYMBOLS IN CONFLICT WITH PROPOSED MARKINGS.
3. RAISED REFLECTIVE PAVEMENT MARKERS ARE TO BE PLACED ACCORDING TO NCDOT ROADWAY STANDARD DRAWINGS.
4. ALL RAISED REFLECTIVE PAVEMENT MARKERS TO BE SNOWPLOWABLE.

WAKE	SHEET NUMBER R3.03	WAKE COUNTY PUBLIC HEALTH	NORTH CAROLINA	PAVEMENT MARKING AND SIGNING PLAN: DONALD ROSS DRIVE AT KIDD ROAD	KHA PROJECT									
					DATE									
					10/13/2022									
					SCALE 1"=20'	DESIGNED BY: BTW	© 2022			300 MORRIS STREET, DURHAM, NC 27701, SUITE 200				
					DRAWN BY: RJP	PHONE 919-682-5003								
					CHECKED BY: BTW	NC LICENSE # F-1002								
						NO.			REVISIONS					
						DATE			BY					