



Administrative Site Review Application

Planning and Development Customer Service Center • One Exchange Plaza, Suite 400 | Raleigh, NC 27601 | 919-996-2500

This form is required when submitting site plans as referenced in Unified Development Ordinance (UDO) Section 10.2.8. Please check the appropriate building types and include the plan checklist document when submitting.

Office Use Only: Case #: _____ Planner (print): _____

Please review UDO Section 10.2.8. to determine the site plan tier. If assistance determining a Site Plan Tier is needed a Site Plan Tier Verification request can be submitted online via the [Permit and Development Portal](#). (Note: There is a fee for this verification service.)

Site Plan Tier: Tier Two Site Plan Tier Three Site Plan

Building and Development Type (Check all that apply)		Site Transaction History
<input type="checkbox"/> Detached	<input type="checkbox"/> General	Subdivision case #: _____
<input type="checkbox"/> Attached	<input type="checkbox"/> Mixed use	Scoping/sketch plan case #: _____
<input type="checkbox"/> Townhouse	<input type="checkbox"/> Civic	Certificate of Appropriateness #: _____
<input type="checkbox"/> Apartment	<input type="checkbox"/> Cottage Court	Board of Adjustment #: _____
<input type="checkbox"/> Tiny house	<input type="checkbox"/> Frequent Transit Development Option	Zoning Case #: _____
<input type="checkbox"/> Open lot		Design Alternate #: _____

GENERAL INFORMATION

Development name: _____

Inside City limits? Yes No

Property address(es): _____

Site P.I.N.(s): _____

Please describe the scope of work. Include any additions, expansions, and uses (UDO 6.1.4).

The installation of a single story civic (school) building and all associated development elements such as: parking lot, sidewalks, utilities, stormwater, and required landscaping.

Current Property Owner(s):

Company: THE FLETCHER ACADEMY SCHOOL OF ACHIEVEMENT, INC Title: _____

Address: _____

Phone #: _____ Email: _____

Applicant Name (If different from owner. See “who can apply” in instructions):

Relationship to owner: Lessee or contract purchaser Owner’s authorized agent Easement holder

Company: _____ Address: _____

Phone #:	Email:
NOTE: please attach purchase agreement or contract, lease or easement when submitting this form.	
Developer Contact:	
Company: THE FLETCHER ACADEMY SCHOOL OF ACHIEVEMENT, INC	Title:
Address:	
Phone #:	Email:
Applicant Name:	
Company: THE FLETCHER ACADEMY SCHOOL OF ACHIEVEMENT, INC	Address:
Phone #:	Email:

DEVELOPMENT TYPE + SITE DATE TABLE (Applicable to all developments)	
SITE DATA	BUILDING DATA
Zoning district(s) (please provide the acreage of each):	Existing gross floor area (not to be demolished):
Gross site acreage:	Existing gross floor area to be demolished:
# of parking spaces proposed:	New gross floor area:
Max # parking permitted (7.1.2.C):	Total sf gross (to remain and new):
Overlay District (if applicable):	Proposed # of buildings:
Existing use (UDO 6.1.4):	Proposed # of stories for each:
Proposed use (UDO 6.1.4):	Proposed # of basement levels (UDO 1.5.7.A.6)

STORMWATER INFORMATION	
Imperious Area on Parcel(s): Existing (sf) _____ Proposed total (sf) _____	Impervious Area for Compliance (includes ROW): Existing (sf) _____ Proposed total (sf) _____

RESIDENTIAL & OVERNIGHT LODGING DEVELOPMENTS = N/A	
Total # of dwelling units:	Total # of hotel bedrooms:
# of bedroom units: 1br _____ 2br _____ 3br _____ 4br or more _____	
# of lots:	Is your project a cottage court? <input type="radio"/> Yes <input type="radio"/> No
	A frequent transit development? <input type="radio"/> Yes <input type="radio"/> No

Continue to Applicant Signature Block on Page 4.

APPLICANT SIGNATURE BLOCK


Pursuant to state law (N.C. Gen. Stat. § 160D-403(a)), applications for development approvals may be made by the landowner, a lessee or person holding an option or contract to purchase or lease land, or an authorized agent of the landowner. An easement holder may also apply for development approval for such development as is authorized by the easement.

Acting as an authorized agent requires written permission from the property owner for the purposes of making this development approval and/or permit application. Written permission from the property owner to act as an authorized agent must be made available to the City of Raleigh upon request.

By submitting this application, the undersigned applicant acknowledges that they are either the property owner or one of the persons authorized by state law (N.C.G.S. 160D-403(a)) to make this application, as specified in the application. The undersigned also acknowledges that the information and statements made in the application are correct and the undersigned understands that development approvals are subject to revocation for false statements or misrepresentations made in securing the development approval, pursuant to N.C. Gen. Stat. § 160D-403(f).

The undersigned indicates that the property owner(s) is aware of this application and that the proposed project described in this application will be maintained in all respects in accordance with the plans and specifications submitted herewith, and in accordance with the provisions and regulations of the City of Raleigh Unified Development Ordinance.

The undersigned hereby acknowledges that, pursuant to state law (N.C.G.S. 143-755(b1)), if this permit application is placed on hold at the request of the applicant for a period of six consecutive months or more, or if the applicant fails to respond to comments or provide additional information requested by the City for a period of six consecutive months or more, then the application review is discontinued, and a new application is required to proceed and the development regulations in effect at the time permit processing is resumed shall apply to the new application.

Signature:		Date:	4.24.2024
Printed Name:	Paul Atkinson		
Signature:		Date:	
Printed Name:			

TIER 2 ADMINISTRATIVE SITE REVIEW PLAN FOR: FLETCHER ACADEMY EXPANSION

RALEIGH, NORTH CAROLINA 27609 CITY OF RALEIGH CASE #: ASR-XXXX-2024

Administrative Site Review Application

Planning and Development Customer Service Center • One Exchange Place, Suite 400 | Raleigh, NC 27601 | 919-999-2000

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Office Use Only: Case #: _____ Planner (print): _____

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Site Plan Tier: Tier Two Site Plan Tier Three Site Plan

Building and Development Type (Check all that apply)	Site Transaction History
<input type="checkbox"/> Detached <input type="checkbox"/> Attached <input type="checkbox"/> Townhouse <input type="checkbox"/> Apartment <input type="checkbox"/> Tiny house <input type="checkbox"/> Open lot	<input type="checkbox"/> General <input type="checkbox"/> Mixed use <input checked="" type="checkbox"/> Civic <input type="checkbox"/> Cottage Court <input type="checkbox"/> Frequent Transit Development Option
Subdivision case #: _____ Scoping/sketch plan case #: _____ Certificate of Appropriateness #: _____ Board of Adjustment #: _____ Zoning Case #: _____ Design Alternate #: _____	

Development name: FLETCHER ACADEMY EXPANSION

Inside City limits? Yes No

Property address(es): 400 & 412 CEDARVIEW CT.

Site P.I.N. (s): 1706-97-0075 & 1706-96-2759 RESPECTIVELY

Please describe the scope of work. Include any additions, expansions, and uses (UDO 6.1.4).
 The installation of a single story civic (school) building and all associated development elements such as: parking lot, sidewalks, utilities, stormwater, and required landscaping.

Current Property Owner(s): THE FLETCHER ACADEMY SCHOOL OF ACHIEVEMENT, INC
 Company: THE FLETCHER ACADEMY SCHOOL OF ACHIEVEMENT, INC Title: INCORPORATED
 Address: 400 CEDARVIEW CT, RALEIGH, NC 27609
 Phone #: 919.782.5082 Email: patkinson@faraaleigh.org
 Applicant Name (if different from owner. See "who can apply" in instructions):
 Relationship to owner: Lessee or contract purchaser Owner's authorized agent Easement holder
 Company: _____ Address: _____

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Phone #: _____ Email: _____

NOTE: please attach purchase agreement or contract, lease or easement when submitting this form.

Developer Contact: PAUL ATKINSON
 Company: THE FLETCHER ACADEMY SCHOOL OF ACHIEVEMENT, INC Title: HEAD OF SCHOOL
 Address: 400 CEDARVIEW CT, RALEIGH, NC 27609
 Phone #: 919.782.5082 Email: bbailey@redlinedg.com

Applicant Name: PAUL ATKINSON
 Company: THE FLETCHER ACADEMY SCHOOL OF ACHIEVEMENT, INC Address: 400 CEDARVIEW CT, RALEIGH, NC 27609
 Phone #: 919.782.5082 Email: patkinson@faraaleigh.org

DEVELOPMENT TYPE + SITE DATA TABLE (Applicable to all developments)	
SITE DATA	BUILDING DATA
Zoning district(s) (please provide the acreage of each): RESIDENTIAL-4 (R-4): 4.14 AC	Existing gross floor area (not to be demolished): 27,940
Gross site acreage: 4.14	Existing gross floor area to be demolished: 1,564
# of parking spaces proposed: 30	New gross floor area: 5,300
Max # parking permitted (7.1.2.C): N/A	Total # of gross (to remain and new): 33,240
Overlay District (if applicable): NONE	Proposed # of buildings: 1
Existing use (UDO 6.1.4): School, public or private	Proposed # of stories for each: 1
Proposed use (UDO 6.1.4): School, public or private	Proposed # of basement levels (UDO 1.5.T.A.6) NONE

STORMWATER INFORMATION	
Impervious Area on Parcel(s):	
Existing (sf) 27,940	Proposed total (sf) 21,435
Impervious Area for Compliance (includes ROW):	
Existing (sf) 27,940	Proposed total (sf) 22,145

RESIDENTIAL & OVERNIGHT LODGING DEVELOPMENTS = N/A

Total # of dwelling units:		Total # of hotel bedrooms:	
# of bedroom units: 1br	2br	3br	4br or more
Is your project a cottage court? <input type="radio"/> Yes <input checked="" type="radio"/> No			
A frequent transit development? <input type="radio"/> Yes <input checked="" type="radio"/> No			

Continue to Applicant Signature Block on Page 4.

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VICINITY MAP
1" = 500'

INDEX TO PLANS

C-0.0	COVER SHEET
C-0.1	BOUNDARY & TOPOGRAPHIC SURVEY
C-1.0	LEGENDS & NOTES SHEET
C-2.0	EXISTING CONDITIONS & DEMOLITION PLAN
C-2.1	SITE LAYOUT PLAN
C-2.2	FIRE APPARATUS ACCESS PLAN
C-3.0	UTILITY PLAN
C-4.0	GRADING & STORM DRAINAGE PLAN
D-1.0	SITE DETAIL SHEET
D-1.1	SITE DETAIL SHEET
D-2.0	UTILITY DETAIL SHEET
D-2.1	UTILITY DETAIL SHEET
D-3.0	STORM DRAINAGE DETAIL SHEET
L-1.0	LANDSCAPE PLAN
L-1.1	LANDSCAPE DETAIL SHEET
LP-1.0	LIGHTING PLAN
T-1.0	TREE CONSERVATION AREA PLAN
A1.0	ARCHITECTURAL FLOOR PLAN
A6.0	ARCHITECTURAL ELEVATIONS

- DEVELOPER:
THE FLETCHER ACADEMY
SCHOOL OF ACHIEVEMENT
400 CEDARVIEW COURT
RALEIGH, NC 27609
TEL: 919.782.5082
E-MAIL: patkinson@faraaleigh.org
- CIVIL ENGINEER:
PABST DESIGN GROUP, PA
107 FAYETTEVILLE STREET, SUITE 200
RALEIGH, NC 27601
TEL: 919.848.4399
E-MAIL: dpabst@pabstdesign.com
- ARCHITECT:
REDLINE DESIGN GROUP 6601 SIX
FORKS ROAD, SUITE 130
RALEIGH, NC 27615
TEL: 919.878.1660
E-MAIL: bbailey@redlinedg.com
- SURVEYOR:
NEWCOMB LAND SURVEYORS, LLC
7008 HARPS MILL ROAD, SUITE 105
RALEIGH, NC 27615
TEL: 919.847.1800
E-MAIL: justin@nls-nc.com

SITE DATA TABLE	
SITE ADDRESS:	400 CEDARVIEW CT, 412 CEDARVIEW CT, RALEIGH, NC 27609
OWNER:	THE FLETCHER ACADEMY, SCHOOL OF ACHIEVEMENT, INC. 400 CEDARVIEW CT RALEIGH, NC 27609
PIN(S):	1706-97-0075, 1706-96-2759
EXISTING ZONING:	R-4 (RESIDENTIAL-4)
EXISTING LAND USE:	SCHOOL, PUBLIC OR PRIVATE (K-12) & SINGLE-UNIT LIVING
PROPOSED LAND USE:	SCHOOL, PUBLIC OR PRIVATE (K-12)
BUILDING TYPE:	GENERAL
PARCEL AREA:	183,604.37 SF (3.30 AC) & 10,584.51 (0.24 AC) DEED TOTAL: 190,388.88 (4.14 AC)
WATERSHED:	CRABTREE CREEK
RIVERBASIN:	NEUSE
FLOODPLAIN DATA:	NO PORTION OF THE PROPERTY IS LOCATED WITHIN A SPECIAL FLOOD HAZARD ZONE PER INSURANCE RATE MAP (RATE MAP 3720170600K DATED JULY 19, 2022)
IMPERVIOUS SURFACE (PROJECT AREA):	EXISTING IMP. AREA ON PARCEL(S): 87,568 SF (±0.20 AC) EXISTING IMP. AREA w/IN ROW: 307 SF (±0.007 AC) TOTAL EXISTING IMP. AREA: 87,865 SF (±0.21 AC)
	PROPOSED IMP. AREA ON PARCEL(S): 21,435 SF (±0.492 AC) PROPOSED IMP. AREA w/IN ROW: 710 SF (±0.016 AC) TOTAL PROPOSED IMP. AREA: 22,145 SF (±0.508 AC)
	TOTAL PROPOSED IMP. AREA: 22,145 SF (±0.508 AC) EXISTING IMP. AREA TO BE REMOVED: 20,883 SF (±0.479 AC) NET IMP. AREA AFTER IMP. REMOVAL: 1,262 SF (±0.029 AC)
EXISTING OPEN SPACE AREA:	92,831 SF (±2.13 AC)
AMENITY SPACE:	EXEMPT PER UDO TABLE 10.2.8.B.4. REQUIRED (PER UDO SEC 9.1.3.A.1-1): 10% PROVIDED: CALCULATIONS PER UDO SEC. 9.1.4.B.5. & 9.1.4.C.1-9. TOTAL AREA OF CRITICAL ROOT ZONES FOR ALL HEALTHY TREES w/ 10" AND GREATER DBH = 15,465 SF (0.355 AC) 0.355 AC / 4.14 AC (TOTAL PARCEL AREA) = 8.57% TCA
TREE CONSERVATION AREA:	REQUIRED (PER UDO SEC 9.1.3.A.1-1): 10% PROVIDED: CALCULATIONS PER UDO SEC. 9.1.4.B.5. & 9.1.4.C.1-9. TOTAL AREA OF CRITICAL ROOT ZONES FOR ALL HEALTHY TREES w/ 10" AND GREATER DBH = 15,465 SF (0.355 AC) 0.355 AC / 4.14 AC (TOTAL PARCEL AREA) = 8.57% TCA
PRINCIPAL BUILDING SETBACKS:	PRIMARY STREET (MIN.): 20' SIDE STREET (MIN.): 20' SIDE LOT LINE (MIN.): 10' REAR LOT LINE (MIN.): 30'
PARKING SETBACKS:	PRIMARY STREET (MIN.): 20' SIDE STREET (MIN.): 10' SIDE LOT LINE (MIN.): 10' REAR LOT LINE (MIN.): 10'
BUILDING FLOOR AREA:	EXISTING: 29,504 GSFA TO BE REMOVED: 1,564 SF EXISTING TO REMAIN: 27,940 GSFA PROPOSED BLDG = 5,300 GSFA TOTAL (EXISTING REMAINING + PROPOSED): 33,240 GSFA
BUILDING HEIGHT:	ALLOWED: 3 STORIES / 40' MAX. PROPOSED BLDG: 1 STORY / 24'-4"
MAXIMUM PARKING:	MAX. ALLOWABLE: NONE TOTAL PROVIDED: 30 SPACES (INCLUDING 1 ADA VAN SPACE)
REQUIRED BICYCLE PARKING:	PUBLIC & INSTITUTIONAL: SHORT-TERM (MIN.): 1 SPACE / CLASSROOM 1 SPACE = 10 CLASSROOMS = 10 SPACES
PROVIDED BICYCLE PARKING:	SHORT-TERM (MIN.): 5 RACKS = 10 SPACES

Will Serve

Moore, David
to patkinson@thefletcheracademy.com

We will service address 400 Cedarview Court, Raleigh, NC 27609 for the new building for waste and recycle-we already service the existing structure and will place dumpster and recycle carts at new location and service that as well-this is my direct contact information attached below if any questions are needed from me-thanks,

David Moore
Associate Account Manager

5111 Chin Page Rd
Durham NC 27703
dmoore@republicservices.com
919-354-3238-OPTION 2
w/ RepublicServices.com

Sustainability in Action
REPUBLIC SERVICES

FOR REVIEW ONLY
NOT FOR CONSTRUCTION

NOTE(S): ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

APPLICANT SIGNATURE BLOCK

Pursuant to state law (N.C. Gen. Stat. § 160D-403(a)), applications for development approvals may be made by the landowner, a lessee or person holding an option or contract to purchase or lease land, or an authorized agent of the landowner. An assessment holder may also apply for development approval for each development as is authorized by the easement.

Acting as an authorized agent requires written permission from the property owner for the purposes of making this development approval and/or permit application. Written permission from the property owner to act as an authorized agent must be made available to the City of Raleigh upon request.

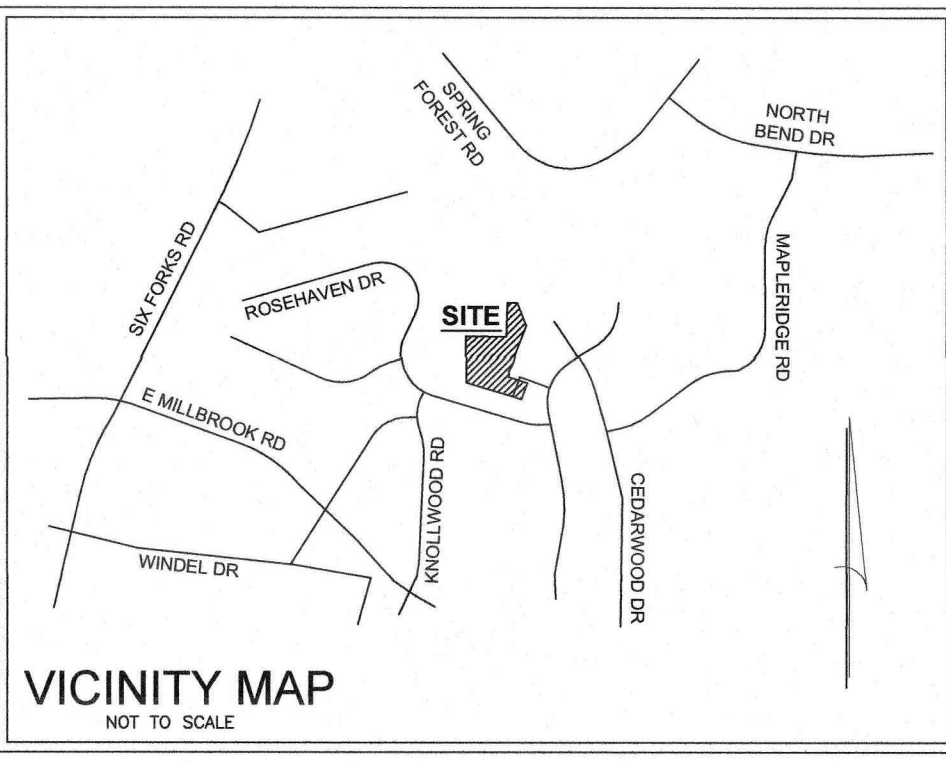
By submitting this application, the undersigned applicant acknowledges that they are either the property owner or one of the persons authorized by state law (N.C.G.S. 160D-403(a)) to make this application, as specified in the application. The undersigned also acknowledges that the information and statements made in the application are correct and the undersigned understands that development approvals are subject to reevaluation for false statements or misrepresentations made in securing the development approval, pursuant to N.C. Gen. Stat. § 160D-403(b).

The undersigned indicates that the property owner(s) is aware of this application and that the proposed project described in this application will be maintained in all respects in accordance with the plans and specifications submitted herewith, and in accordance with the provisions and regulations of the City of Raleigh Unified Development Ordinance.

The undersigned hereby acknowledges that, pursuant to state law (N.C.G.S. 143-795(d)), if this permit application is placed on hold at the request of the applicant for a period of six consecutive months or more, or if the applicant fails to respond to comments or provide additional information requested by the City for a period of six consecutive months or more, then the application review is discontinued, and a new application is required to proceed and the development regulations in effect at the time permit processing is resumed shall apply to the new application.

Signature: *Paul Atkinson* Date: 1.24.2024
 Printed Name: Paul Atkinson
 Signature: *Paul Atkinson* Date: _____
 Printed Name: _____

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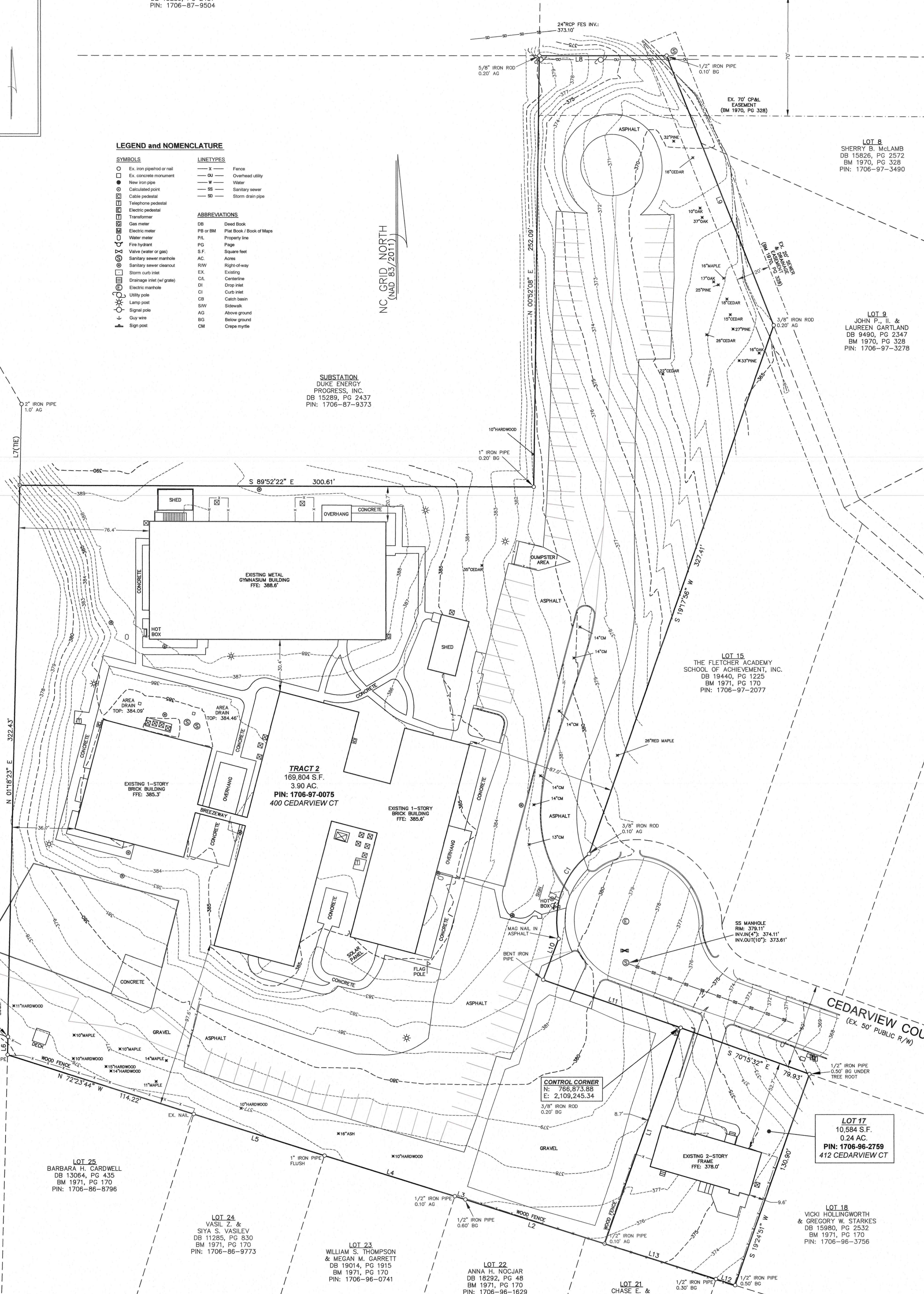
VICINITY MAP
NOT TO SCALE

TRACT 1
DUKE ENERGY
PROGRESS, INC.
DB 15289, PG 2437
PIN: 1706-87-9504

CITY OF RALEIGH
DB 2357, PG 242
PIN: 1706-98-3020

LEGEND and NOMENCLATURE

- SYMBOLS**
- Ex. iron pipe and nail
 - Ex. concrete monument
 - New iron pipe
 - Calculated point
 - Cable pedestal
 - Telephone pedestal
 - Electric pedestal
 - Transformer
 - Gas meter
 - Electric meter
 - Water meter
 - Fire hydrant
 - Valve (water or gas)
 - Sanitary sewer manhole
 - Sanitary sewer cleanout
 - Storm curb inlet
 - Drainage inlet (w/ grate)
 - Electric manhole
 - Utility pole
 - Lamp post
 - Signal pole
 - Sign post
- LINE TYPES**
- X — Fence
 - OU — Overhead utility
 - W — Water
 - SS — Sanitary sewer
 - SD — Storm drain pipe
- ABBREVIATIONS**
- DB Deed Book
 - PIB or BM Plat Book / Book of Maps
 - PL Property line
 - PG Page
 - S.F. Square feet
 - AC Acres
 - R/W Right-of-way
 - EX Existing
 - DL Centerline
 - DI Drop inlet
 - CI Curb inlet
 - CB Catch basin
 - SI Sidewalk
 - AG Above ground
 - BG Below ground
 - CM Crepe myrtle



- SURVEY NOTES:**
- All distances are horizontal ground distances in u.s. survey feet unless otherwise noted. Area(s) computed by coordinate geometry.
 - This survey does not include nor depict any environmental evaluations by this office. Existing stream shown hereon is ephemeral and non-buffered per a Wetland Sketch Map by Sage Environmental dated 3/13/24. No wetland flags observed in the preparation of this survey.
 - Field survey(s) performed February 21 thru March 7, 2024 & April 1, 2024.
 - Surveyor has made no investigation or independent search for easements of record, right(s) of way, encumbrances, restrictive covenants, ownership title evidence or any other facts that an accurate and current title search may disclose and may or may not be depicted hereon.
 - The locations of underground utilities as shown hereon (if any) are based on aboveground structures and aboveground visual evidence only. Locations of underground utilities/structures may vary from location shown hereon and any easements associated therewith may not be shown on this survey. Additional buried utilities/structures may be encountered. No excavations were made during the progress of this survey to locate buried utilities/structures. No 811 call tickets or private locators were requested in the preparation of this survey.
 - Subject property is not located within a special flood hazard zone per FEMA Flood Insurance Rate Map (FIRM) #3720170600K, effective date July 19, 2022.
 - The State Plane Coordinates for this project were produced with RTK GPS observations and processed using the North Carolina VRS network. The network positional accuracy of the derived positional information is ±0.07'.

REFERENCES:
DEED BOOK 13032, PAGE 1435
BOOK OF MAPS 2008, PAGE 1840
*OTHER SHOWN HEREON

LINE TABLE

LINE	LENGTH	BEARING
L1	133.94	S 192°41'0" W
L2	65.49	N 72°21'45" W
L3	6.46	N 72°21'11" W
L4	79.90	N 72°21'15" W
L5	80.23	N 72°28'57" W
L6	10.53	N 05°24'2" E
L7	47.40	N 118°23'1" E
L8	74.30	N 89°57'28" E
L9	169.50	S 21°34'40" E
L10	25.59	S 20°43'39" E
L11	84.88	S 70°43'39" E
L12	11.78	N 72°38'9" W
L13	68.17	N 72°24'3" W

CURVE TABLE

CURVE	LENGTH	RADIUS	BEARING	CHORD
CT	55.55	50.00	S 19°39'49" W	52.74

HORIZONTAL DATUM = NAD 83 / 2011
VERTICAL DATUM = NAVD 88

THIS SURVEY IS OF AN EXISTING PARCEL OR PARCELS OF LAND OR ONE OR MORE EXISTING EASEMENTS AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.

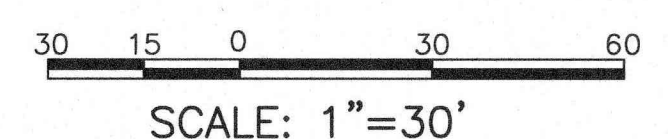
I, Justin L. Luther, certify that this plat was drawn under my supervision from an actual survey made under my supervision from references as noted on said plat; that the boundaries not surveyed are clearly indicated as drawn from information as indicated under references; that the ratio of precision or positional accuracy as calculated is greater than 1:10,000; that this plat was prepared in accordance with NCGS 47-30 as amended.

Witness my original signature, license number and seal this 14 day of May, 2024.

Professional Land Surveyor (L-5107)

BOUNDARY & TOPOGRAPHIC SURVEY
THE FLETCHER ACADEMY SCHOOL
OF ACHIEVEMENT, INC.

HOUSE CREEK TOWNSHIP WAKE COUNTY NORTH CAROLINA



SCALE: 1"=30'

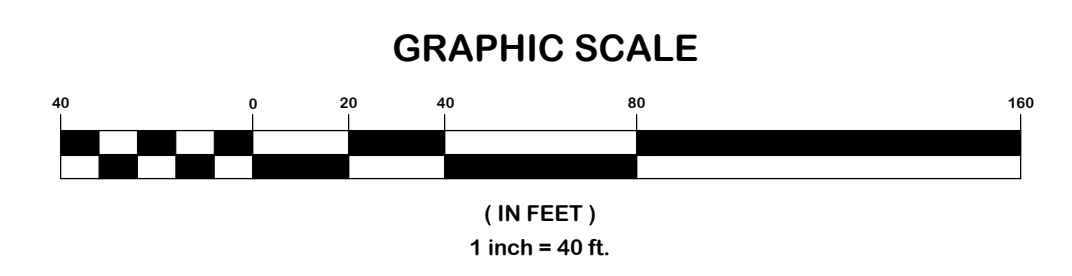
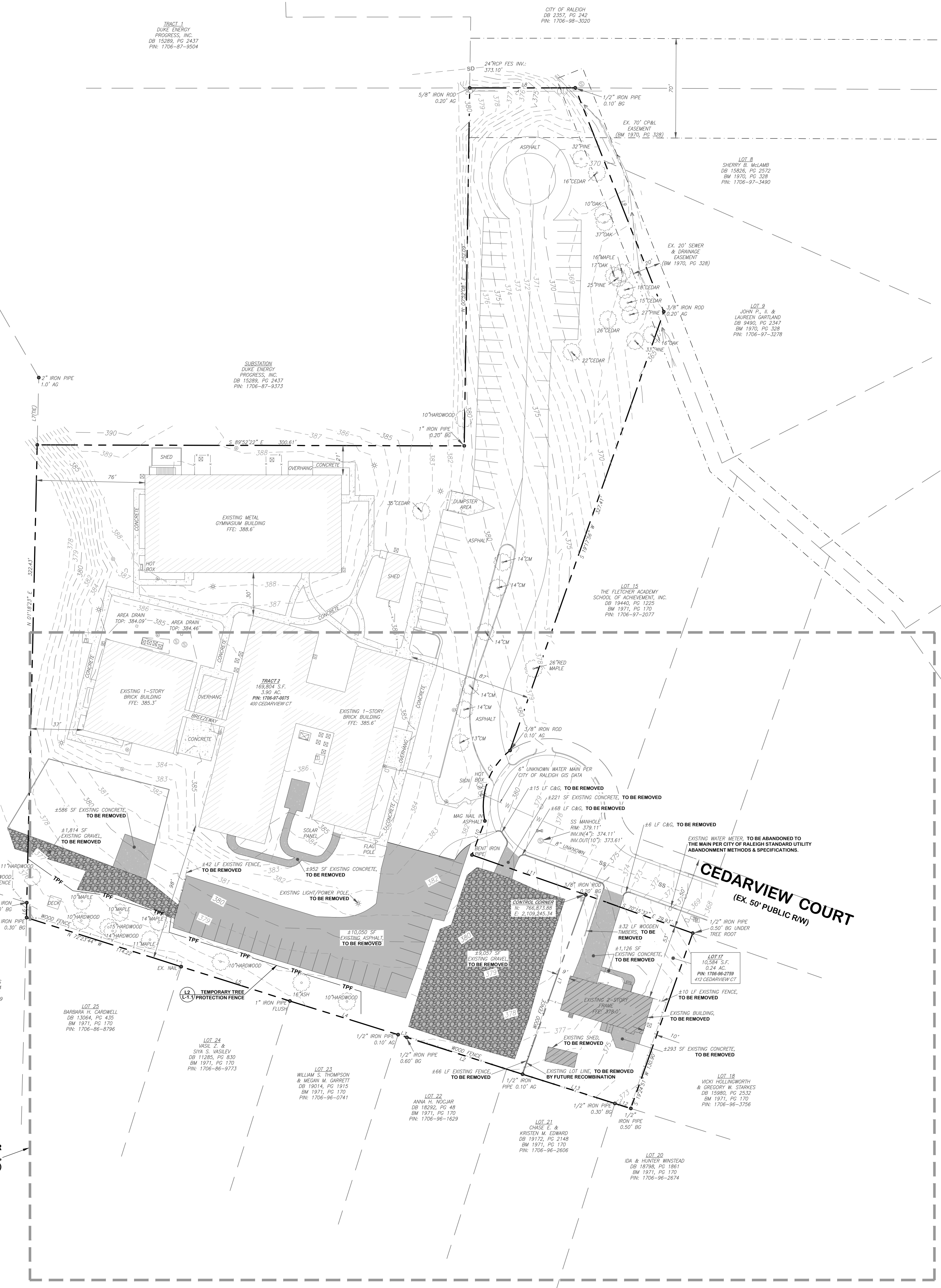
NEWCOMB land surveyors, Llc, 7008 Harps Mill Road, Ste. 105, Raleigh, NC 27615, (919) 847-1800

JOB NO.: 249827
FILE NAME: B/T
PLOT DATE: 3/6/24;
revised 4/4/24

F:\Public\10-Projects\600-699\679-24-Fletcher_Academy_Expansion (Retail)\50-Drawing\679-24_C-1.dwg Apr 23, 2024 - 3:16pm BY: jrb

**FOR REVIEW ONLY
NOT FOR CONSTRUCTION**

LINE INDICATING VIEWPORT AREA FOR
ALL OTHER DESIGN SHEETS (C-2.0, C-2.1,
C-3.0, C-4.0, L-1.0, & LP-1.0)



PAST DESIGN GROUP, PA
Engineering | Consulting
107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
Phone: 919 846 4399 | Fax: 919 946 9351 | NC LICENSE NUMBER: C-3311

PREPARED FOR:
FLETCHER ACADEMY SCHOOL OF ACHIEVEMENT, INC.
400 CEDARVIEW COURT
RALEIGH, NORTH CAROLINA 27615

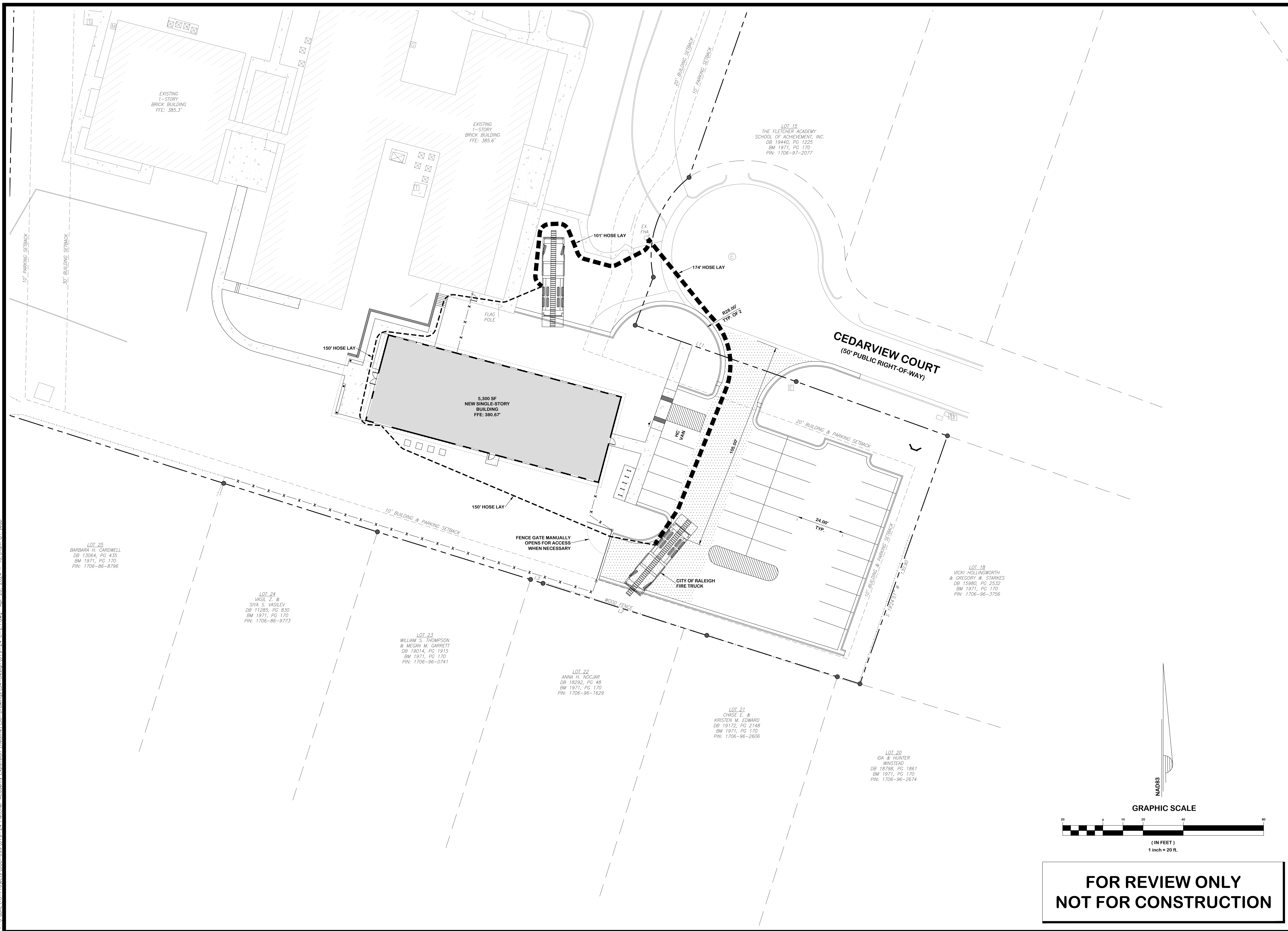
DATE: 01.31.2024
PROJECT ENGINEER:
PJP
PROJECT CADD DESIGNER:
PJP
PROJECT SURVEYOR:
PJP

FLETCHER ACADEMY EXPANSION
RALEIGH, WAKE COUNTY, NORTH CAROLINA
TIER 2 ADMINISTRATIVE SITE REVIEW
EXISTING CONDITIONS & DEMOLITION PLAN

NO.	REVISION	DATE

DRAWING SHEET
C-1.0
PROJECT NUMBER
679-24

F:\Public\10-Projects\600-699\679-24-Fletcher_Academy_Expansion (Redline)\50-Drawing\4-Design\679-24_C-21.dwg Apr 26, 2024 - 10:01am Bx: hcb



LOT 25
BARBARA H. CARDWELL
DB 13064, PG 435
BM 1971, PG 170
PIN: 1706-86-8796

LOT 24
VASIL Z. &
SIVA S. VASILEV
DB 11285, PG 830
BM 1971, PG 170
PIN: 1706-86-9773

LOT 23
WILLIAM S. THOMPSON
& MEGAN M. GARRETT
DB 19014, PG 1915
BM 1971, PG 170
PIN: 1706-96-0741

LOT 22
ANNA H. NDCJAR
DB 18252, PG 48
BM 1971, PG 170
PIN: 1706-96-1629

LOT 21
CHASE E. &
KRISTEN M. EDWARD
DB 19172, PG 2148
BM 1971, PG 170
PIN: 1706-96-2606

LOT 20
IDA & HUNTER
WINSTEAD
DB 18798, PG 1861
BM 1971, PG 170
PIN: 1706-96-2674

LOT 18
VICKI HOLLINGWORTH
& GREGORY W. STARKES
DB 15980, PG 2532
BM 1971, PG 170
PIN: 1706-96-3756

LOT 16
THE FLETCHER ACADEMY
SCHOOL OF ACHIEVEMENT, INC.
DB 19440, PG 1225
BM 1971, PG 170
PIN: 1706-97-2077

EXISTING
1-STORY
BRICK BUILDING
FFE: 385.6'

EXISTING
1-STORY
BRICK BUILDING
FFE: 385.3'

5,300 SF
NEW SINGLE-STORY
BUILDING
FFE: 380.67'

CEDARVIEW COURT
(50' PUBLIC RIGHT-OF-WAY)

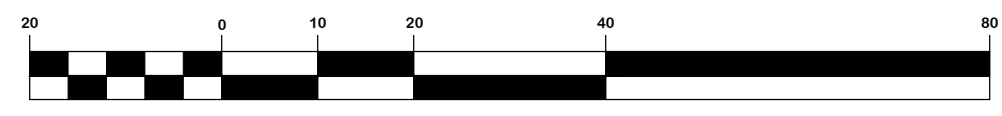
FENCE GATE MANUALLY
OPENS FOR ACCESS
WHEN NECESSARY

CITY OF RALEIGH
FIRE TRUCK

HC VAN

NAD83

GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

**FOR REVIEW ONLY
NOT FOR CONSTRUCTION**

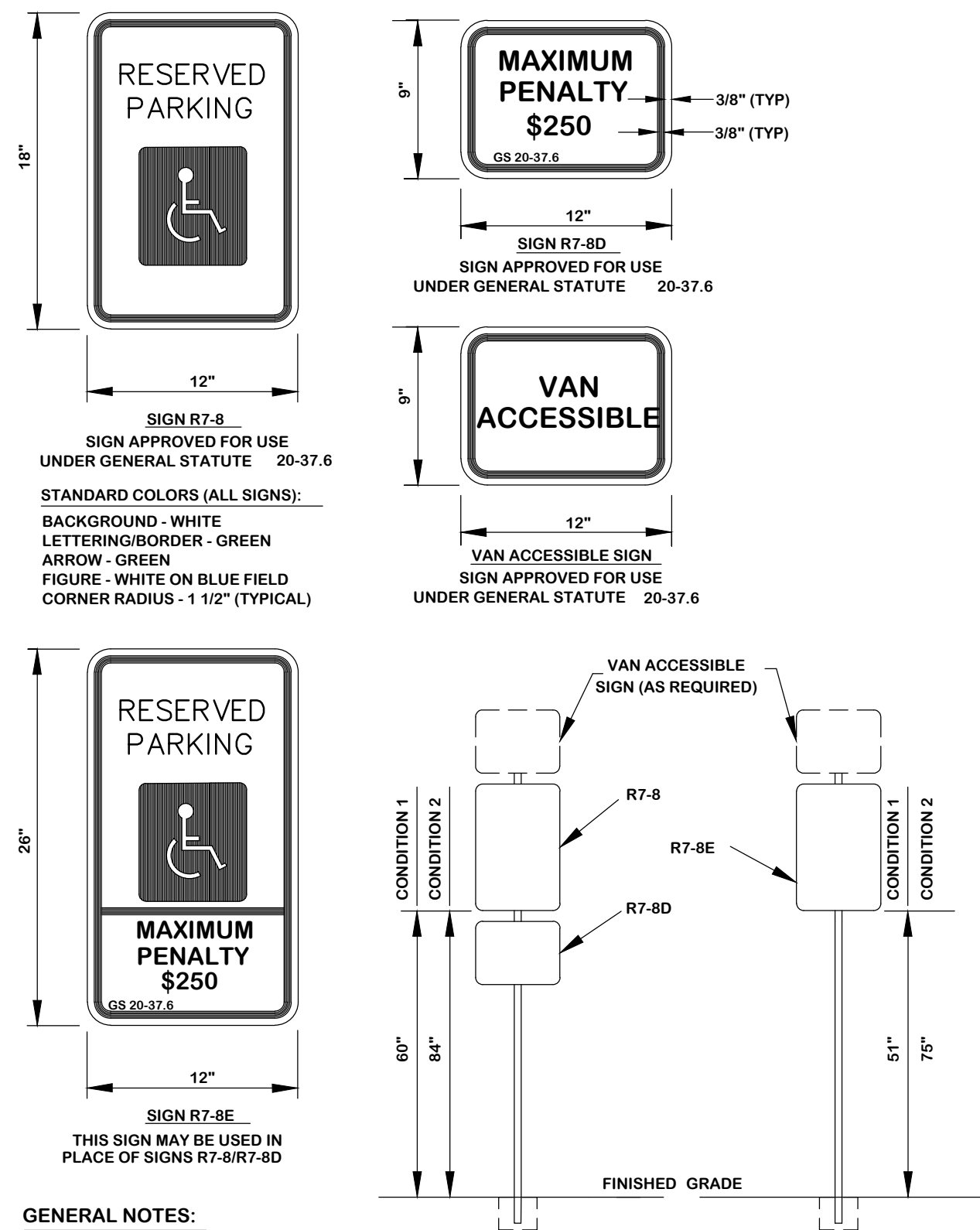
PREPARED FOR:
FLETCHER ACADEMY SCHOOL OF ACHIEVEMENT, INC.
400 CEDARVIEW CT
RALEIGH, NORTH CAROLINA 27615
DATE: 01.31.2024
PROJECT ENGINEER:
PJP
PROJECT CADD DESIGNER:
PJP
PROJECT SURVEYOR:
USFCOM LAND SURVEYORS, PLLC

FLETCHER ACADEMY EXPANSION
RALEIGH, WAKE COUNTY, NORTH CAROLINA
TIER 2 ADMINISTRATIVE SITE REVIEW
FIRE TRUCK INGRESS/EGRESS PLAN

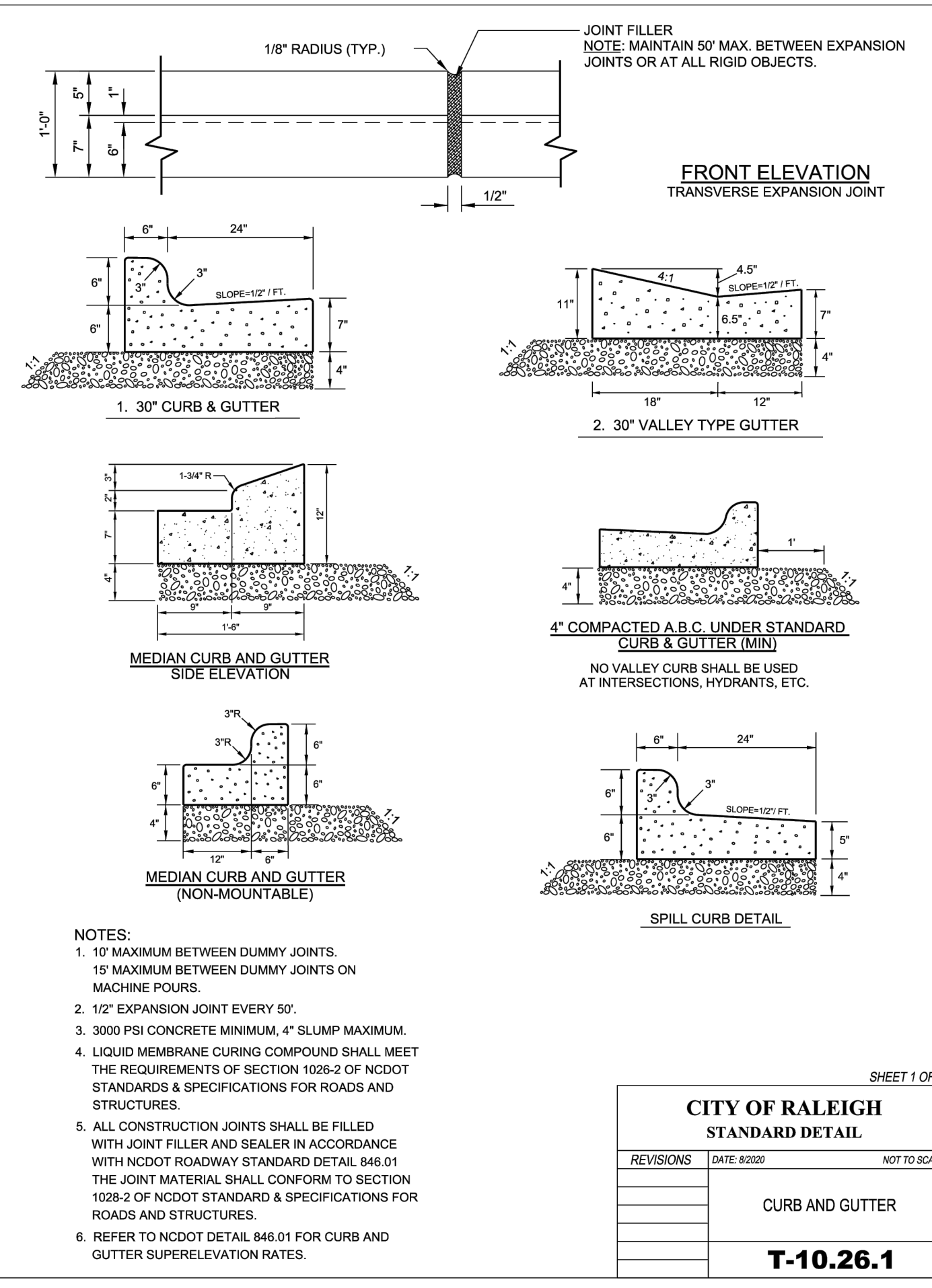
NO.	REVISION	DATE

DRAWING SHEET
C-2.1
PROJECT NUMBER
679-24

PAST DESIGN GROUP, PA
Engineering | Consulting
107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
Phone: 919 848 4399 | Fax: 919 848 9395 | NC LICENSE NUMBER: C-3311



- GENERAL NOTES:**
- REGARDLESS OF AGE, ALL ACCESSIBLE SPACES SHALL BE IDENTIFIED BY ABOVE-GROUND SIGNS ONLY. (SEE N.C.G.S.)
 - NEW SPACES SHALL NOT USE GROUND-PAINTED SYMBOLS.
 - ACCESSIBLE SPACES ARE REQUIRED TO BE STRIPED OFF ONLY; BLUE COLORING IS NOT NECESSARY NOR REQUIRED.
 - STRIPING IS WHITE ON DARK PAVEMENT; BLACK ON LIGHT PAVEMENT. (N.C.D.O.T.)
- CONDITION 1:** PEDESTRIAN PATH DOES NOT PASS UNDER OR AROUND SIGN.
- CONDITION 2:** PEDESTRIAN PATH GOES BY, UNDER, OR AROUND SIGN.



CITY OF RALEIGH STANDARD DETAIL

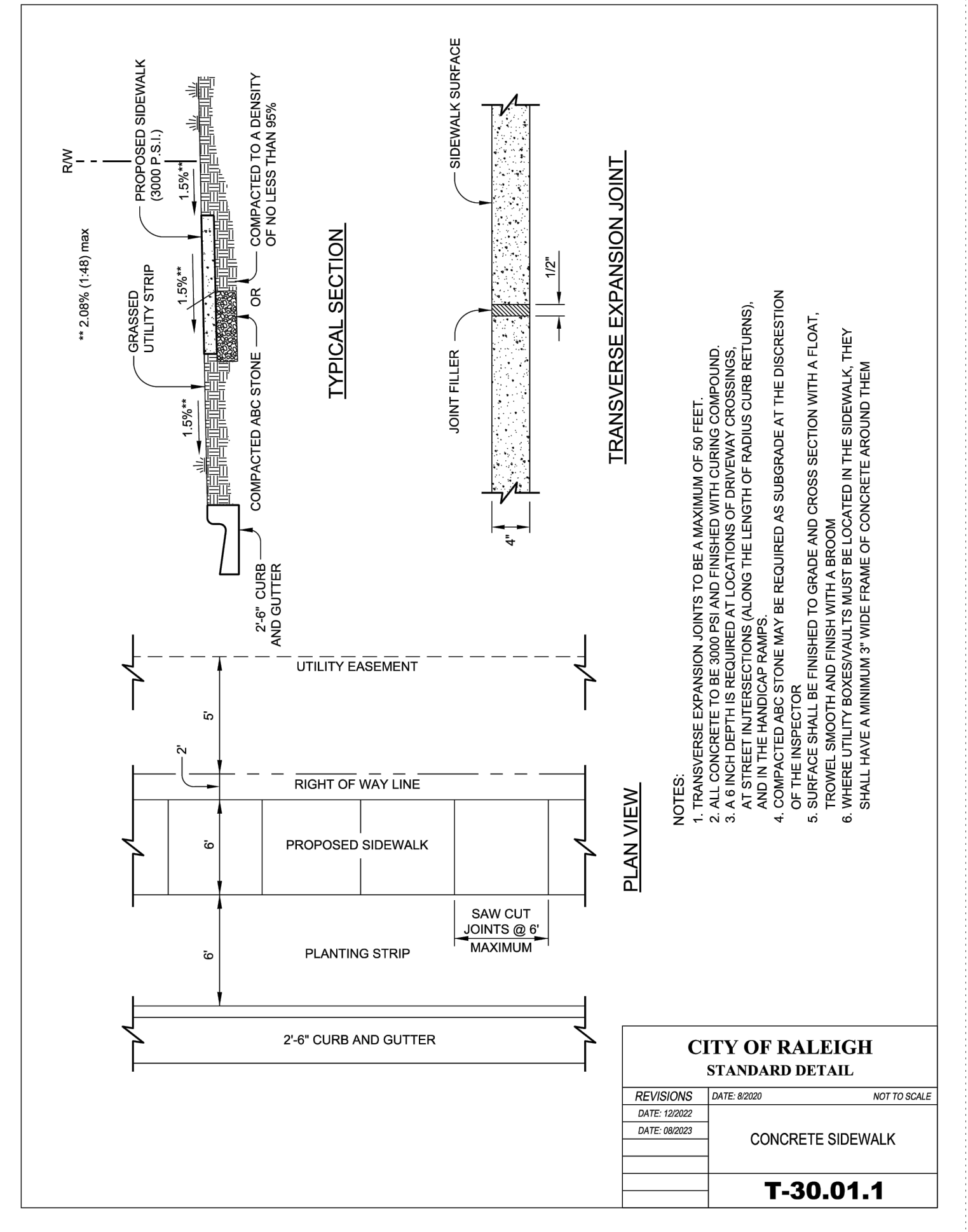
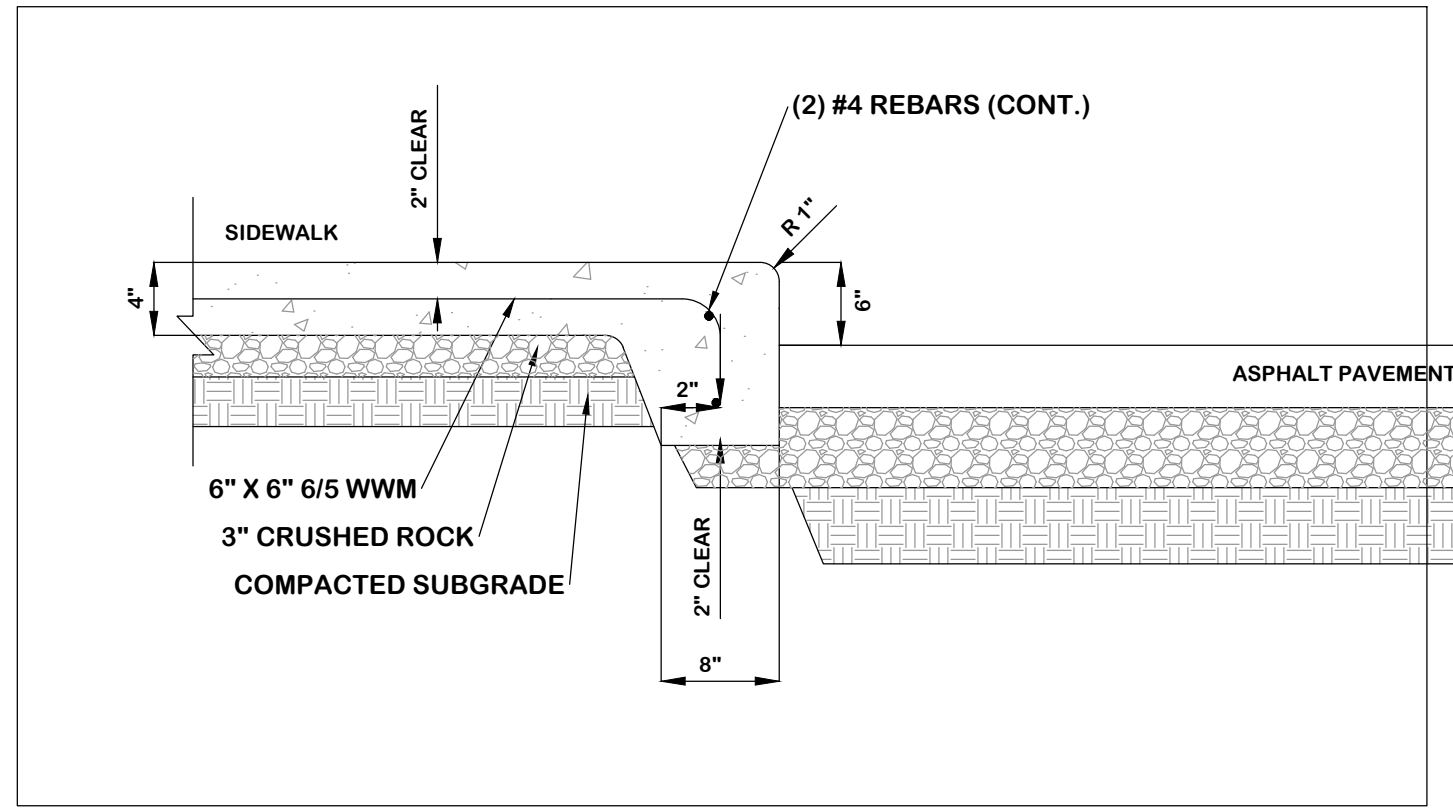
REVISIONS DATE: 8/2023 NOT TO SCALE

CURB AND GUTTER

T-10.26.1

FOR REVIEW ONLY
NOT FOR CONSTRUCTION

NOTE(S): ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.



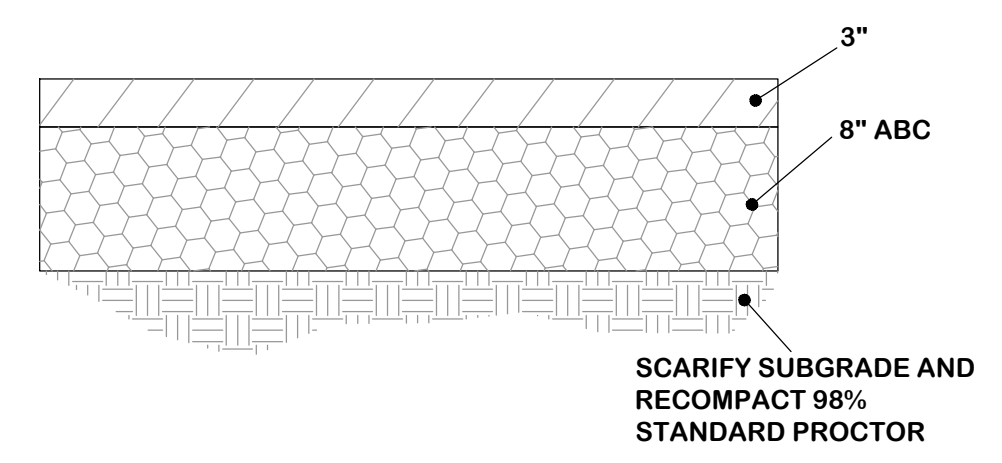
S1 ADA HANDICAP PARKING SIGN

S2 24" CURB AND GUTTER

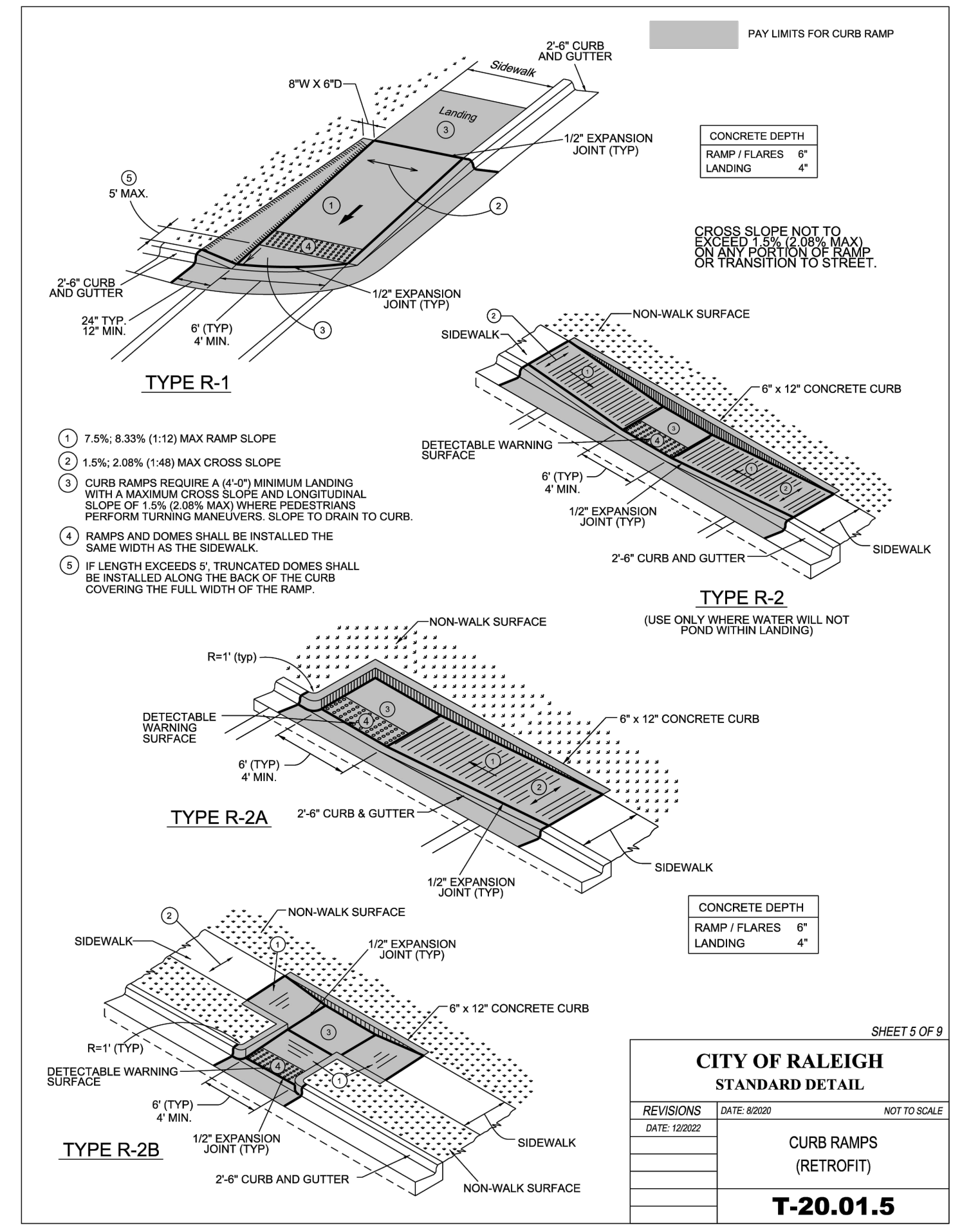
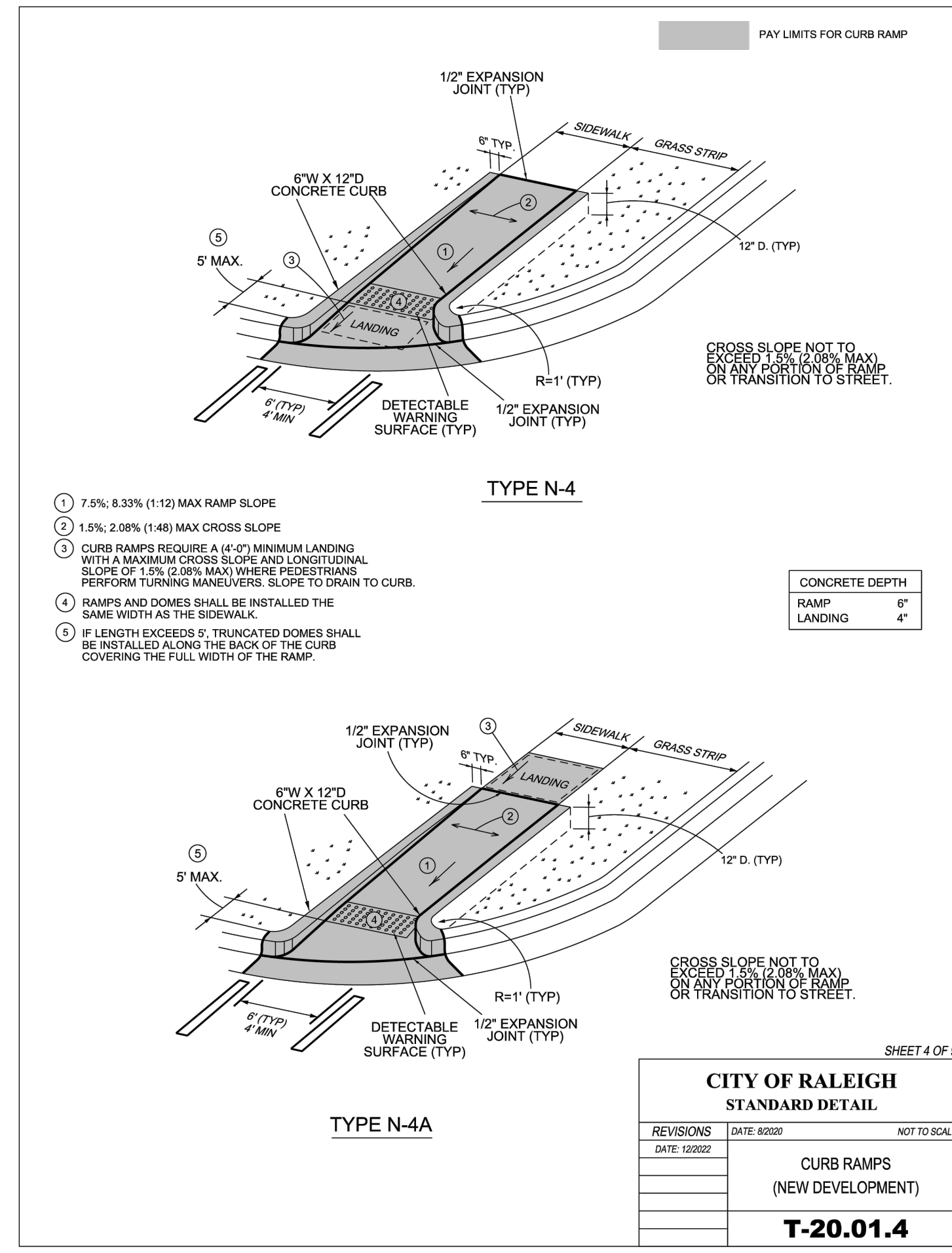
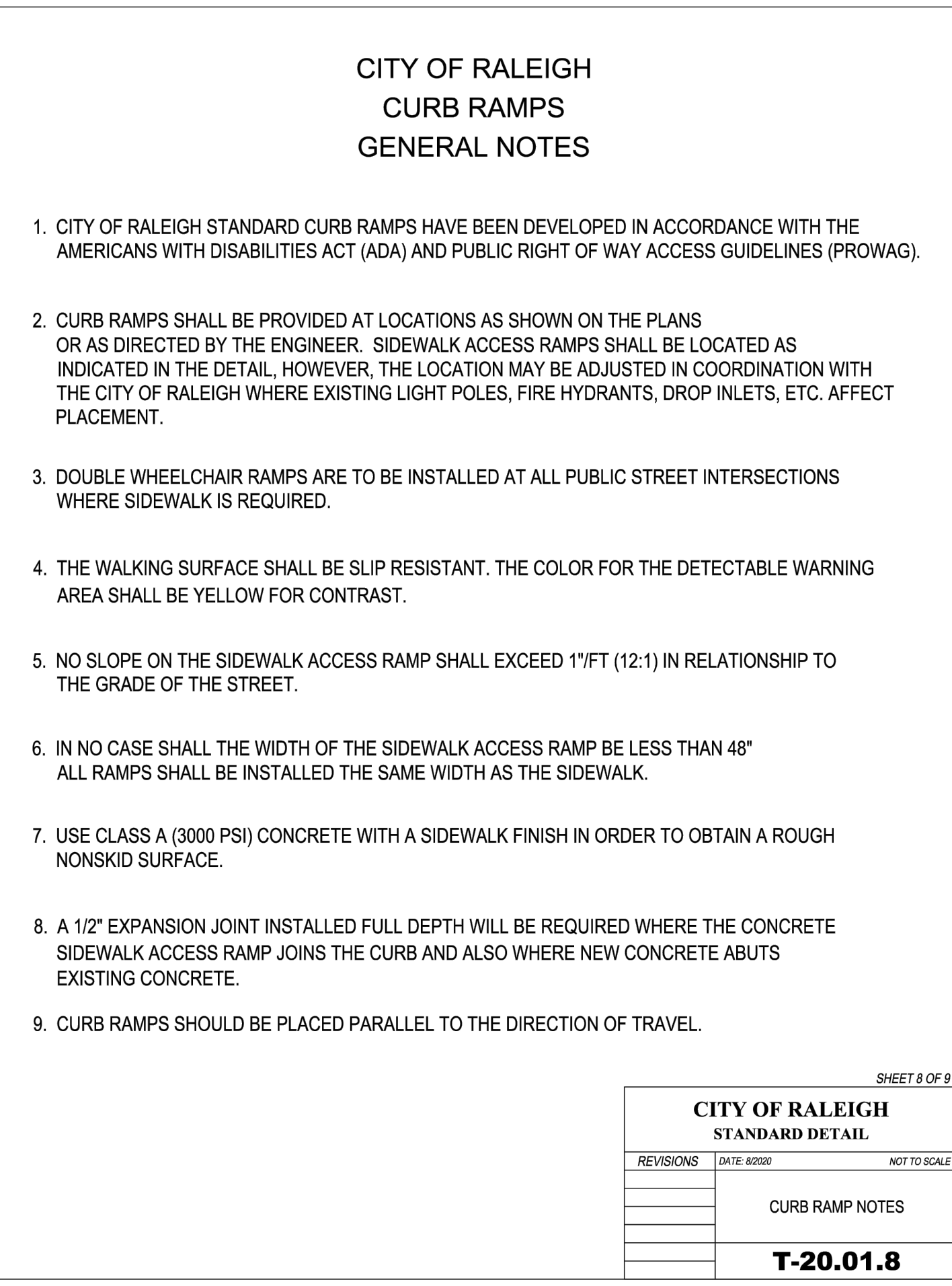
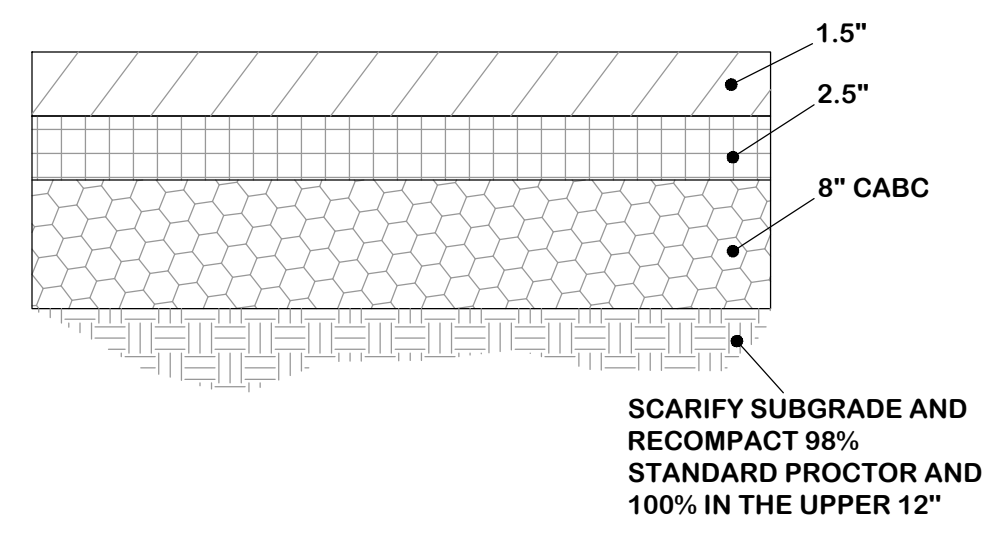
S3 SIDEWALK ADJACENT TO PARKING

S4 CONCRETE SIDEWALK

S5 LIGHT DUTY - ASPHALT PAVEMENT SECTION
PAVEMENT SECTION IS FOR REFERENCE ONLY. REFER TO GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT FOR PAVEMENT SECTION REQUIREMENTS



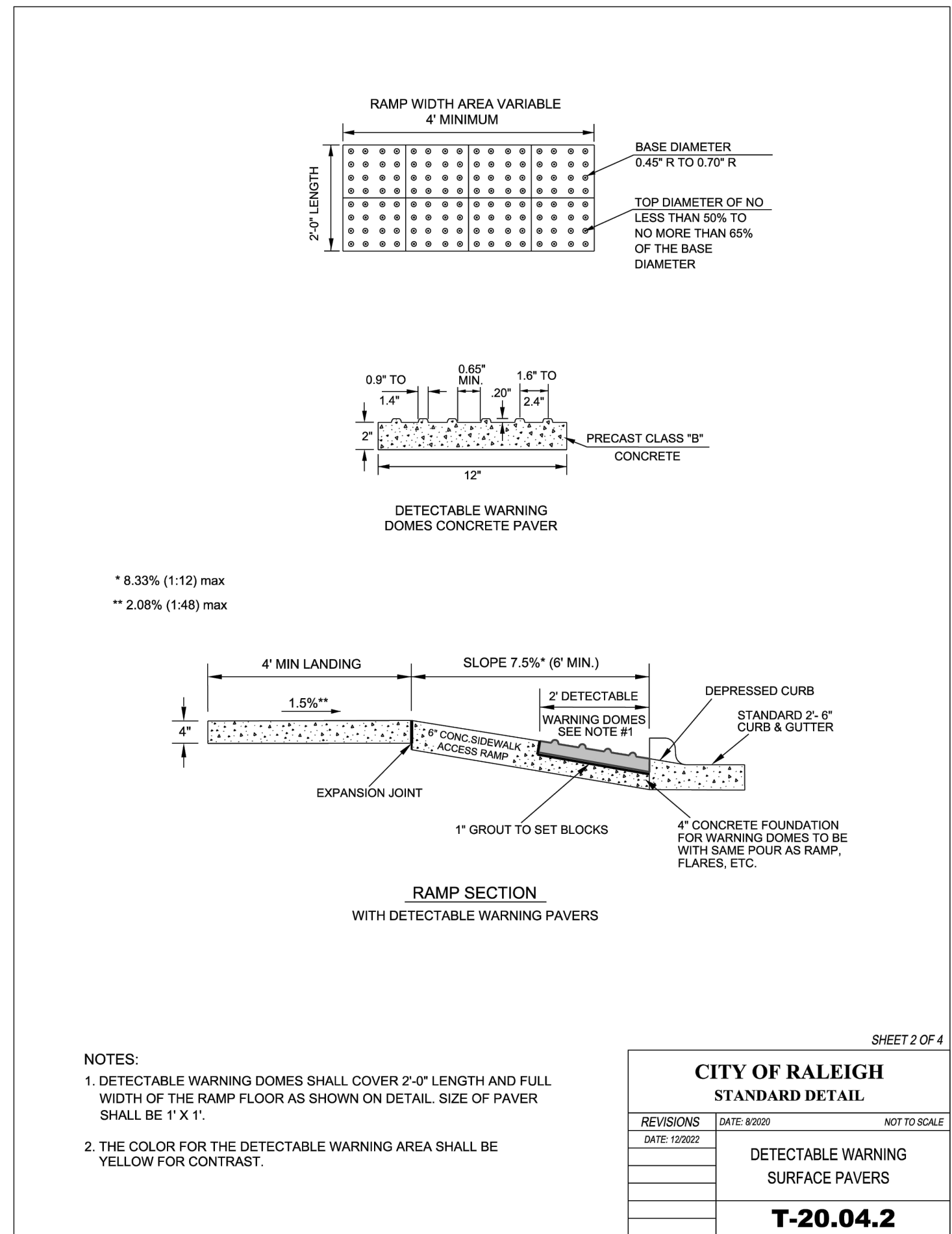
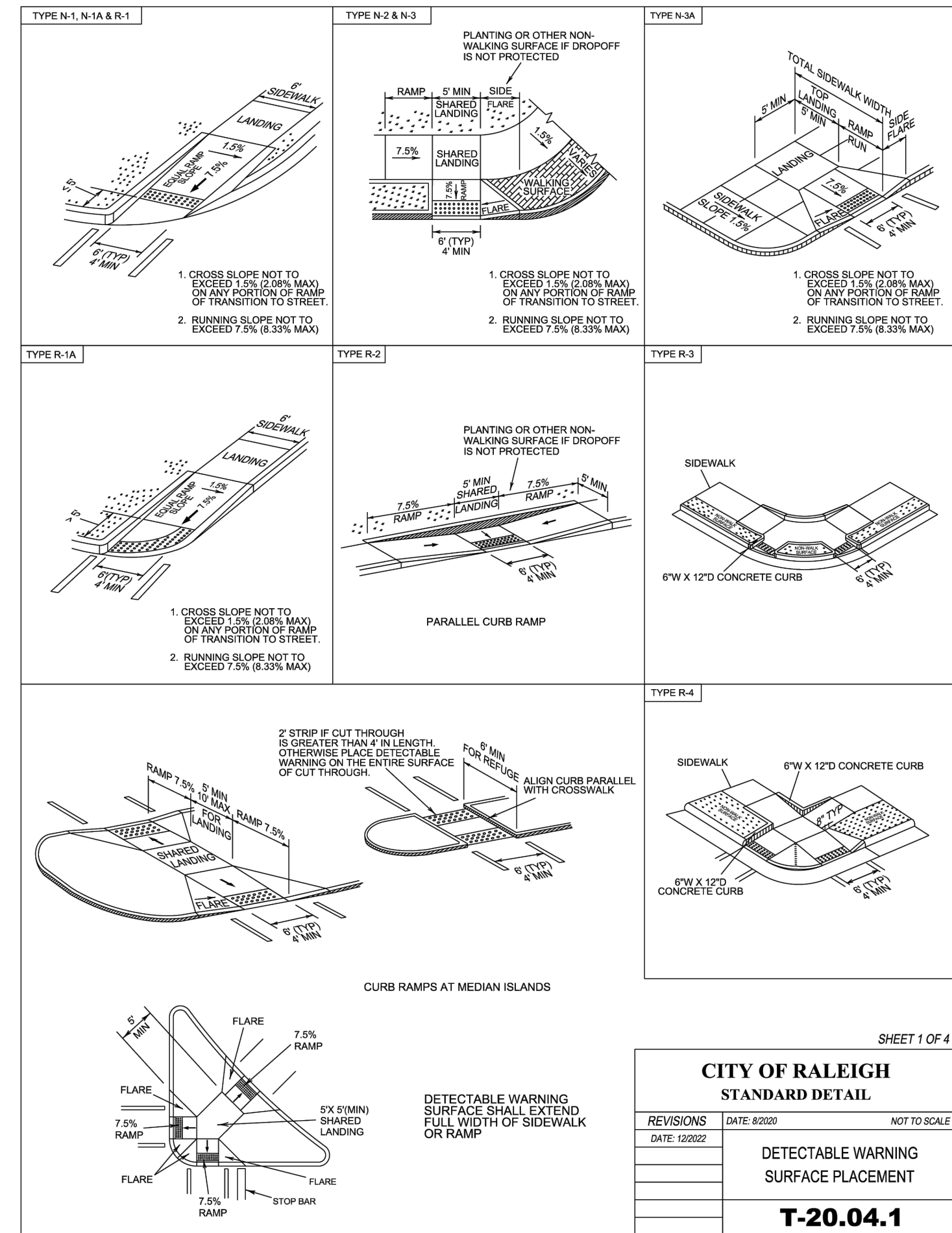
S6 HEAVY DUTY - ASPHALT PAVEMENT SECTION
PAVEMENT SECTION IS FOR REFERENCE ONLY. REFER TO GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT FOR PAVEMENT SECTION REQUIREMENTS



S7 CURB RAMP DETAILS & NOTES

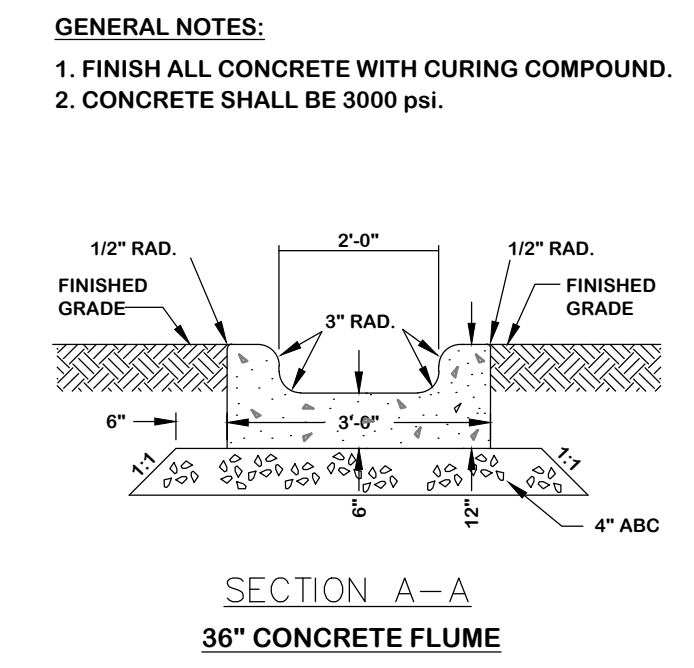
C:\Public\10-Projects\600-699\679-24-Fletcher_Academy_Expansion (Revised)\50-Drawings\4-Design\679-24_D-1.0.dwg - Apr 19, 2024 - 4:15pm By: Jacob

NO.	REVISION	DATE



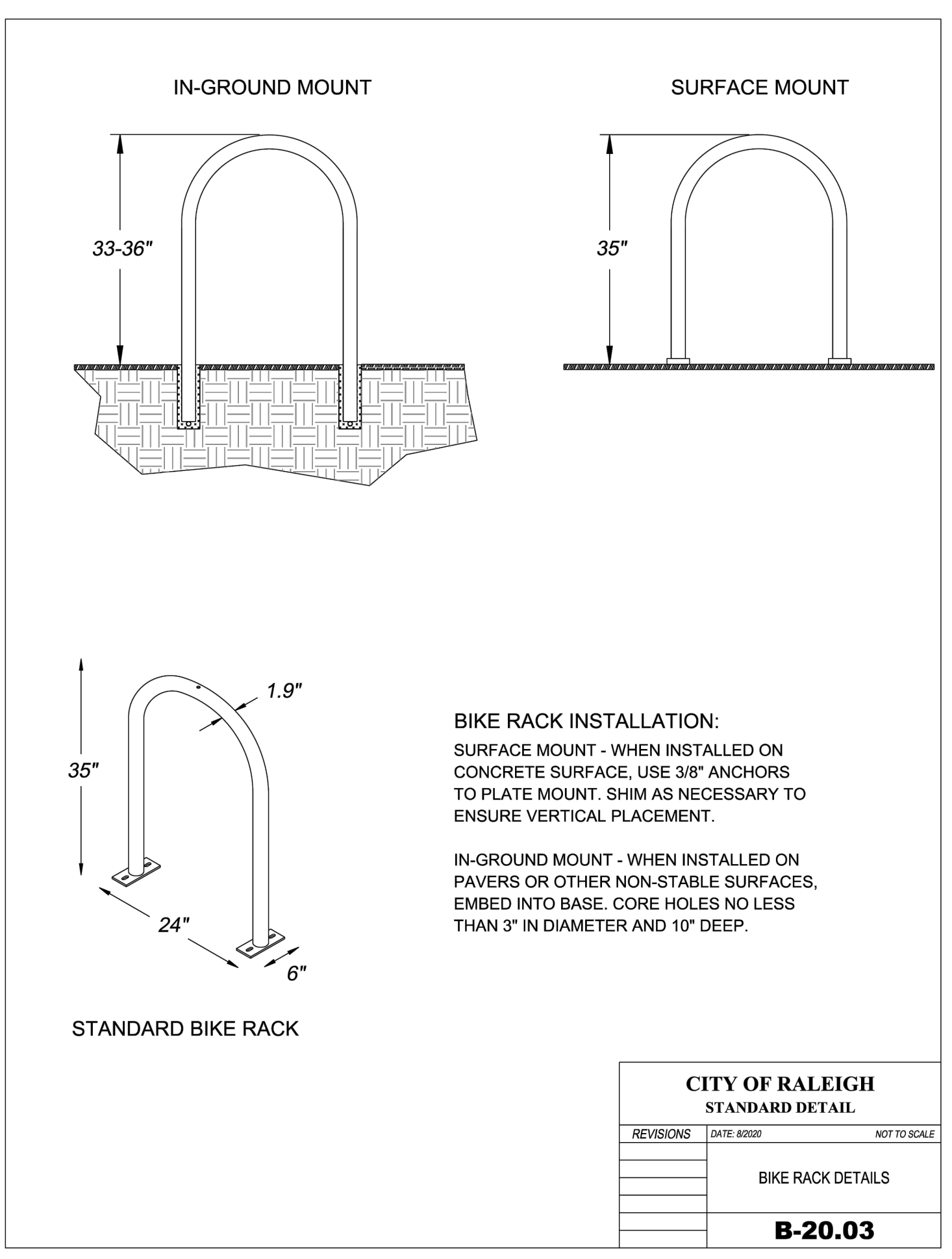
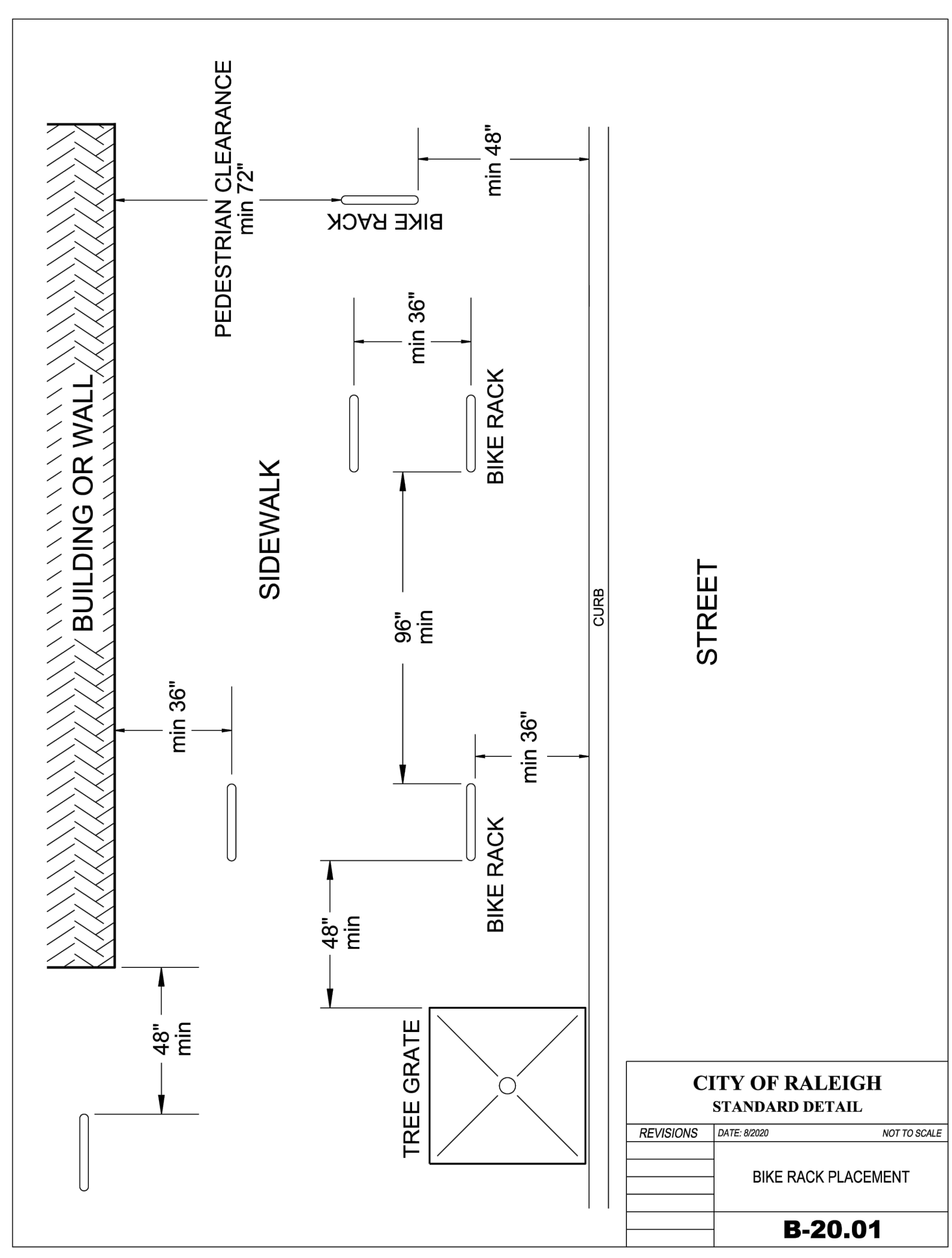
**FOR REVIEW ONLY
 NOT FOR CONSTRUCTION**

NOTE(s): ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.



S8 DETECTABLE WARNING SURFACE PLACEMENT

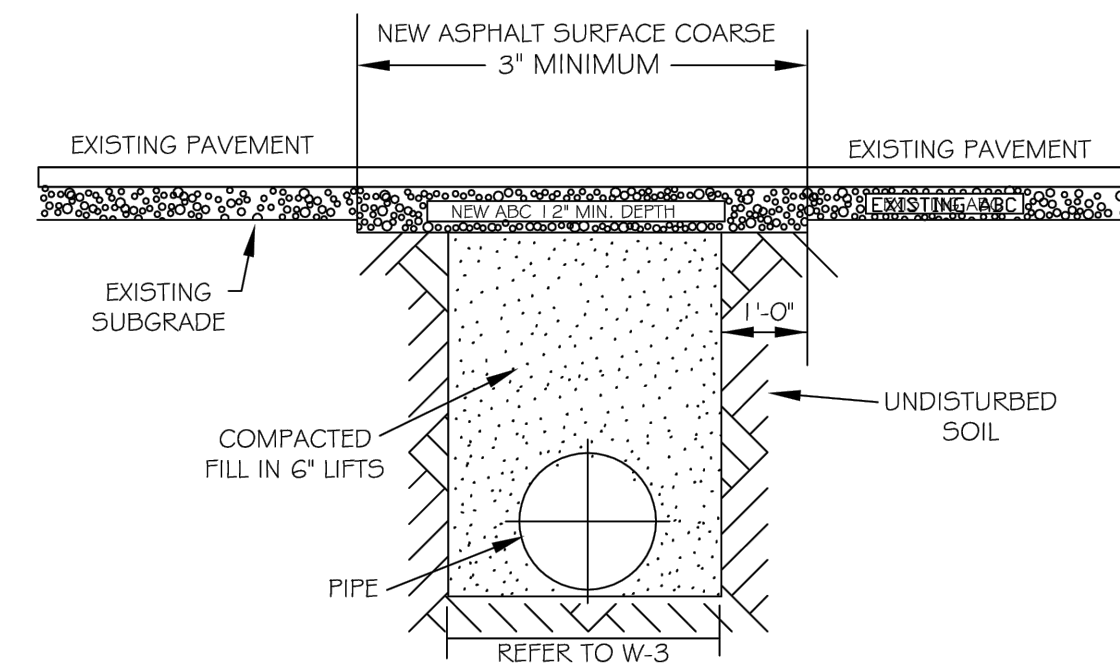
S9 CONCRETE FLUME



S10 BIKE RACK DETAILS & PLACEMENT

C:\Public\10-Projects\600-699\679-24-Fletcher_Academy_Expansion (Revised)\50-Drawing\4-Design\679-24-D-1.0.dwg - Apr 25, 2024 - 9:45am. By: jlab

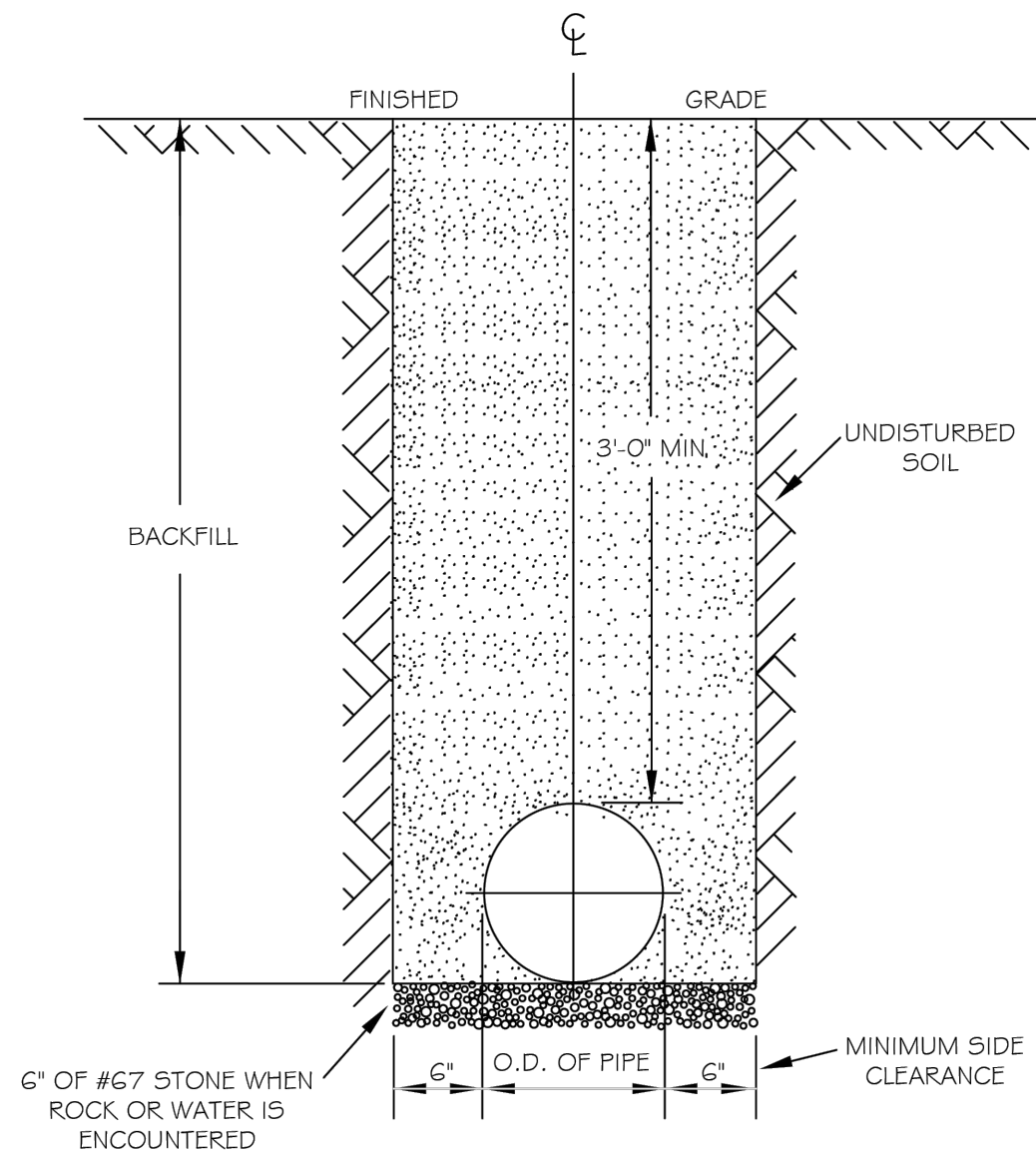
NO.	REVISION	DATE



NOTES:

1. THE PAVEMENT CUT SHALL BE DEFINED BY A STRAIGHT EDGE AND CUT WITH AN APPROPRIATE SAW CUT MACHINE.
2. THE TRENCH SUBGRADE MATERIAL SHALL BE BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED TO A DENSITY OF AT LEAST 95% OF THAT OBTAINED BY COMPACTING A SAMPLE OF THE MATERIAL IN ACCORDANCE WITH AASHTO T-99 AS MODIFIED BY NCDOT.
3. THE FINAL 1" OF FILL SHALL CONSIST OF ABC MATERIAL COMPACTED TO A DENSITY EQUAL TO 100% OF THAT OBTAINED BY COMPACTING A SAMPLE OF THE MATERIAL IN ACCORDANCE WITH AASHTO T-80 AS MODIFIED BY NCDOT.
4. THE ENTIRE THICKNESS/ VERTICAL EDGE OF CUT SHALL BE TACKED.
5. THE SAME DEPTH OF PAVEMENT MATERIAL WHICH EXISTS SHALL BE REINSTALLED, BUT IN NO CASE SHALL THE ASPHALT BE LESS THAN 3" THICK.
6. THE ASPHALT PAVEMENT MATERIAL SHALL BE INSTALLED AND COMPACTED THOROUGHLY WITH A SMOOTH DRUM ROLLER TO ACHIEVE A SMOOTH LEVEL PATCH.
7. REFER TO CITY OF RALEIGH STANDARDS FOR TRENCHES AND PIPE BEDDING, W-3. FOR ADDITIONAL DETAILS.
8. NO HAND PATCHING ALLOWED.
9. PAVEMENT CUTS WITHIN NCDOT ROW SHALL CONFORM TO THE APPROVED ON SITE ENCROACHMENT PERMIT.

CITY OF RALEIGH DEPARTMENT OF PUBLIC UTILITIES					
STANDARD ASPHALT PAVEMENT PATCH DETAIL					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
W-2	RRH	3-31-00	A.B.B.	4-16-04	
	D.W.C.	1-1-99	J.P.S.	10-29-10	

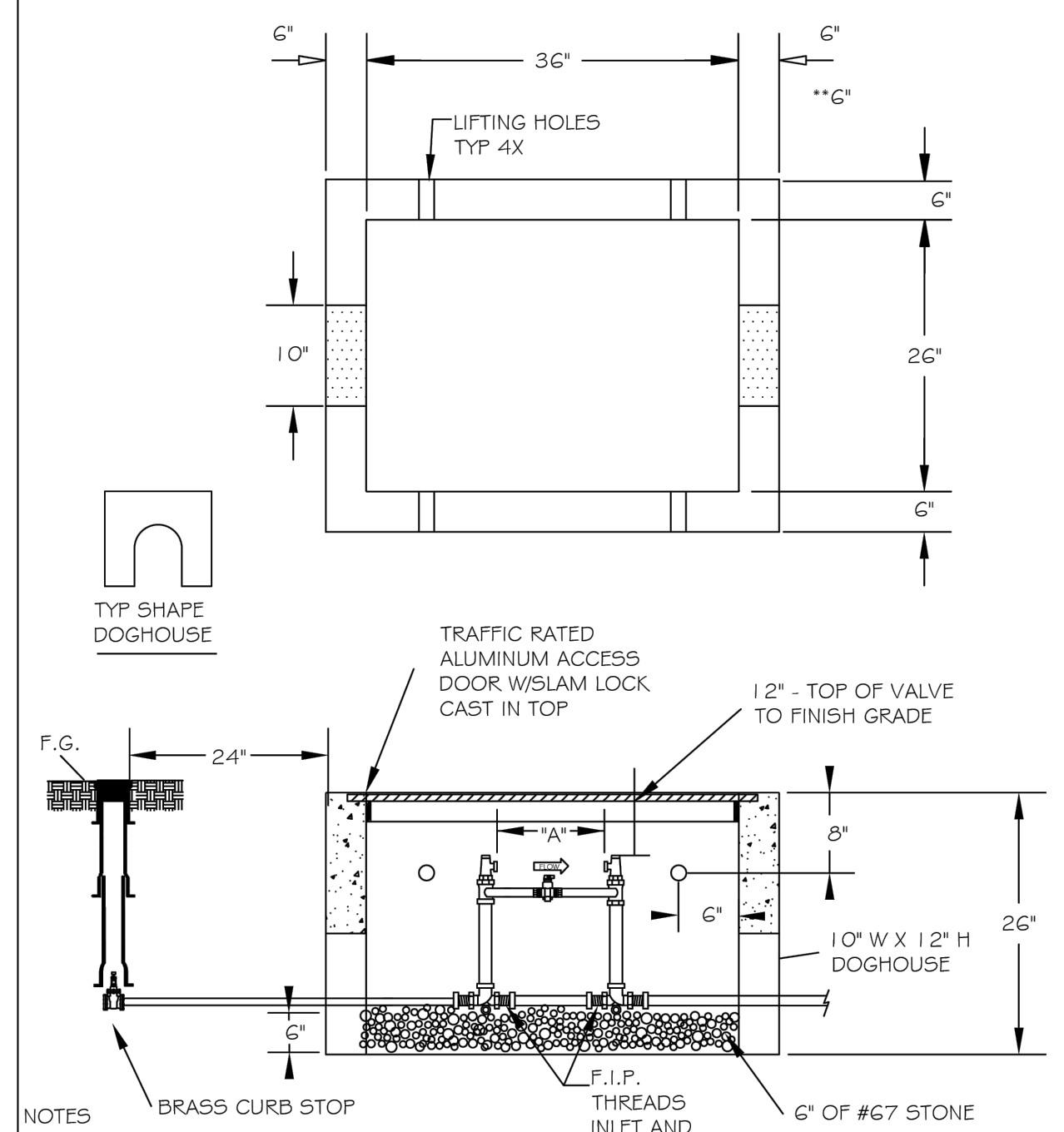


NOTES:

1. TRENCHES REQUIRING SHORING AND BRACING, DIMENSIONS SHALL BE TAKEN FROM THE INSIDE FACE OF THE SHORING AND BRACING.
2. NO ROCKS OR BOULDERS 4" OR LARGER TO BE USED IN BACKFILL.
3. ALL BACKFILL MATERIAL SHALL BE SUITABLE NATIVE MATERIAL.
4. BACKFILL SHALL BE TAMPED IN 6" LIFTS.
5. ACHIEVE 95% COMPACTION IN BACKFILL.

CITY OF RALEIGH DEPARTMENT OF PUBLIC UTILITIES					
TRENCH BOTTOM DIMENSIONS & BACKFILLING REQUIREMENTS FOR DUCTILE IRON					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
W-3	D.W.C.	9-3-99	ABB	2-19-05	
	RRH	3-31-00	J.P.S.	10-29-10	

U1 OPEN CUT & PAVEMENT PATCH FOR WATER SERVICE CONNECTION



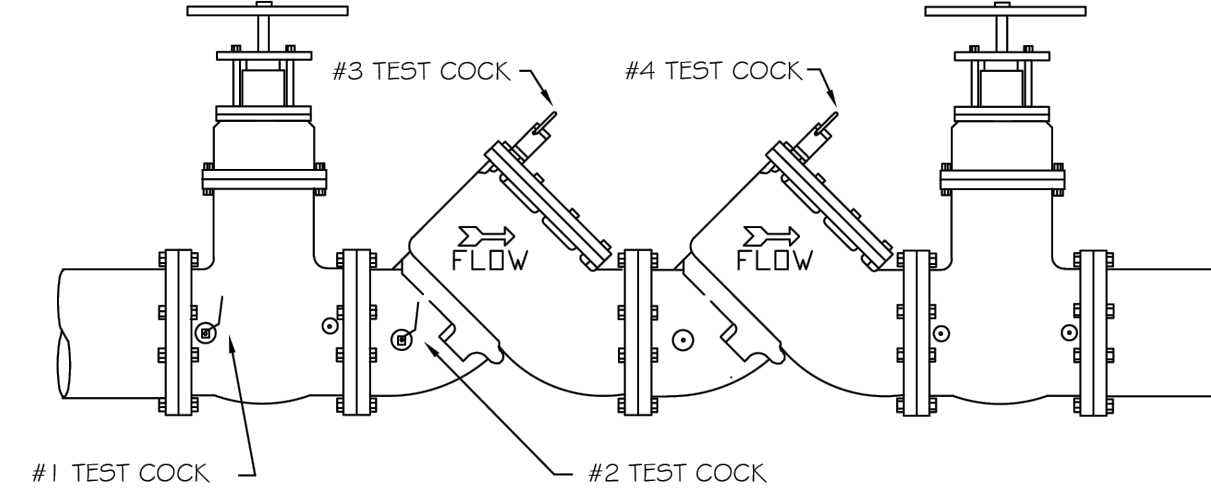
NOTES:

1. METER AS MANUFACTURED BY SENSUS OR NEPTUNE.
2. BACKFILL TAMPED IN 6" LIFTS.
3. REINFORCEMENT: #4 @ 6" O.C.W.
4. CONCRETE: 4,000 PSI @ 28 DAYS
5. ALL RPZ BACKFLOW PREVENTION DEVICES MUST BE INSTALLED PRIOR TO METER BEING SET.
- 6) ALL COPPER SETTERS ARE TO HAVE A BALL TYPE SHUT OFF VALVE ON BOTH SIDES OF COPPER SETTER WITH HIGH RISE BYPASS THAT IS MANUFACTURED BY FORD, MUELLER, OR AY McDONALD. (NO EXCEPTIONS)

DIMENSION "A"		
1/2" METER	1 3/4"	
2" METER	1 7/8"	

CITY OF RALEIGH DEPARTMENT OF PUBLIC UTILITIES					
TYPICAL 1 1/2" - 2" WATER METER BOX INSTALLATION					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
W-31	A.B.B.	8-17-04	J.P.S.	11-4-10	
	D.H.L.	6-18-08			

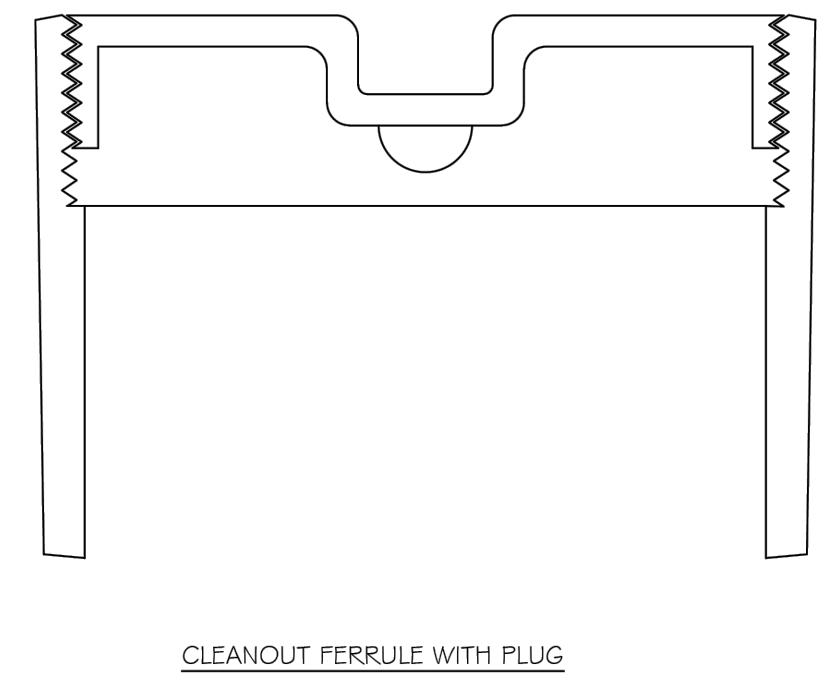
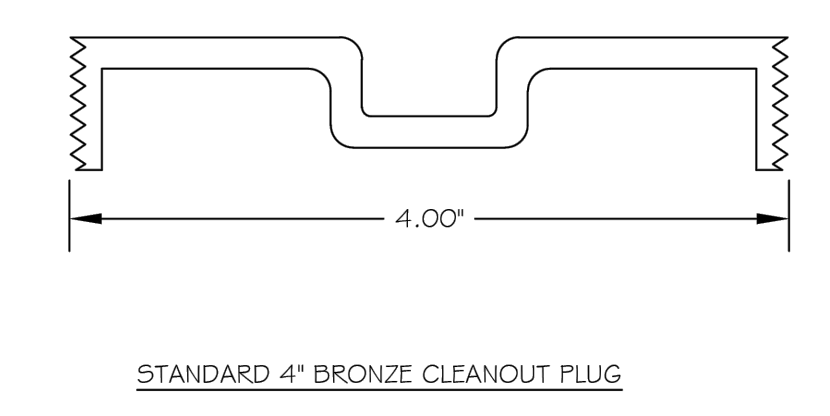
U2 TYPICAL WATER METER BOX INSTALLATION



1. SHUT-OFF VALVES, CHECK VALVES, AND TEST COCKS SHALL BE STANDARD TO THE APPROVED BACKFLOW ASSEMBLY.
2. ALL LARGE(2-1/2" - 10") ASSEMBLIES TO BE SUPPORTED BY A CRADLE.
3. ENCLOSURE FOUNDATIONS SHALL BE CONSTRUCTED OF 4" OF CONCRETE OR 6" OF STONE.
4. ASSEMBLIES MUST BE ON CURRENT APPROVAL LIST.
5. 2 1/2" AND LARGER ASSEMBLIES SHALL BE FUSION BONDED EPOXY COATED INCLUDING SHUT-OFF VALVES.

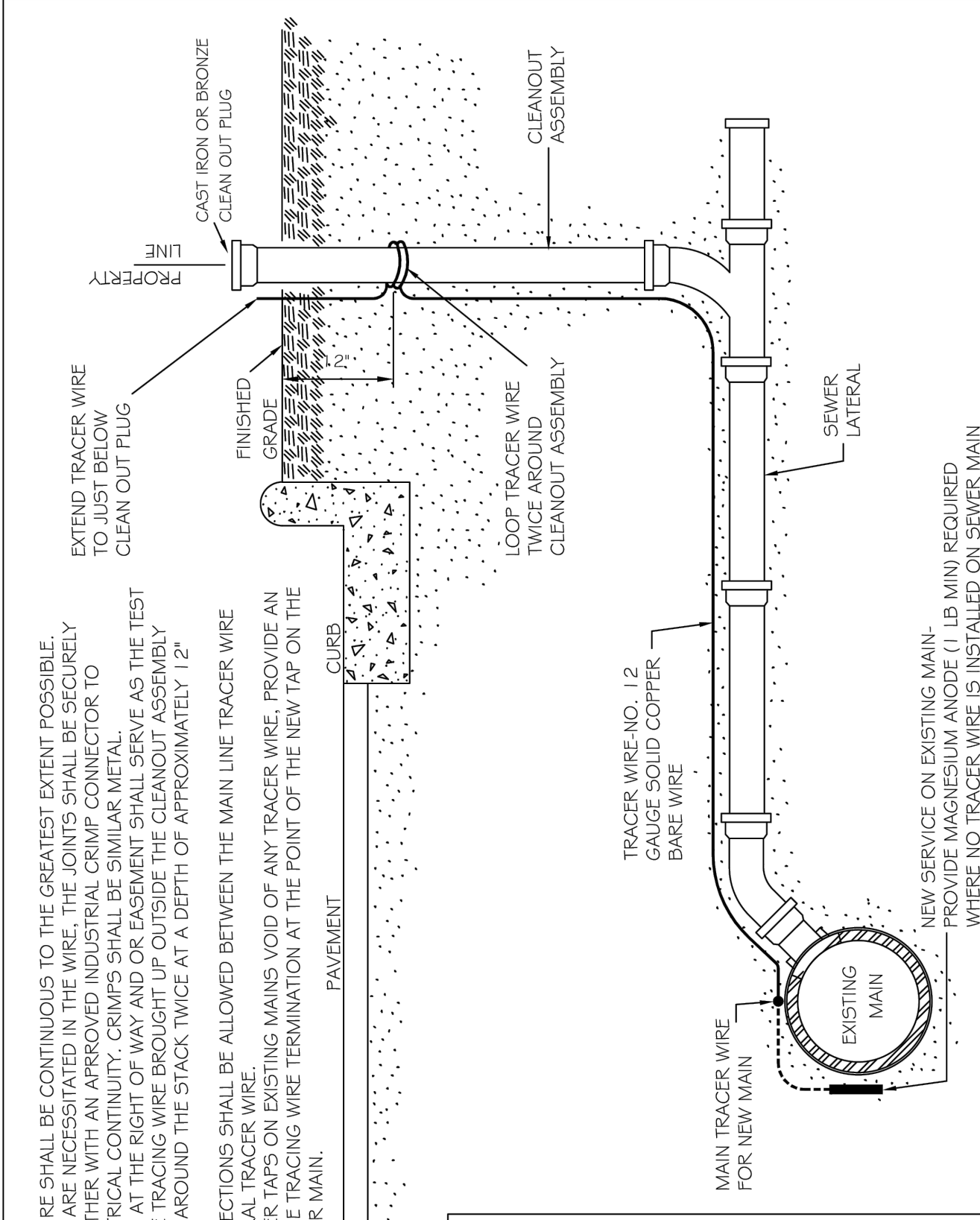
CITY OF RALEIGH DEPARTMENT OF PUBLIC UTILITIES					
STANDARD DOUBLE CHECK VALVE ASSEMBLY					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
W-38	D.W.C.	12-29-99	A.B.B.	4-13-04	
	RRH	3-31-00	D.H.L.	6/18/08	

U3 STANDARD DOUBLE CHECK VALVE ASSEMBLY



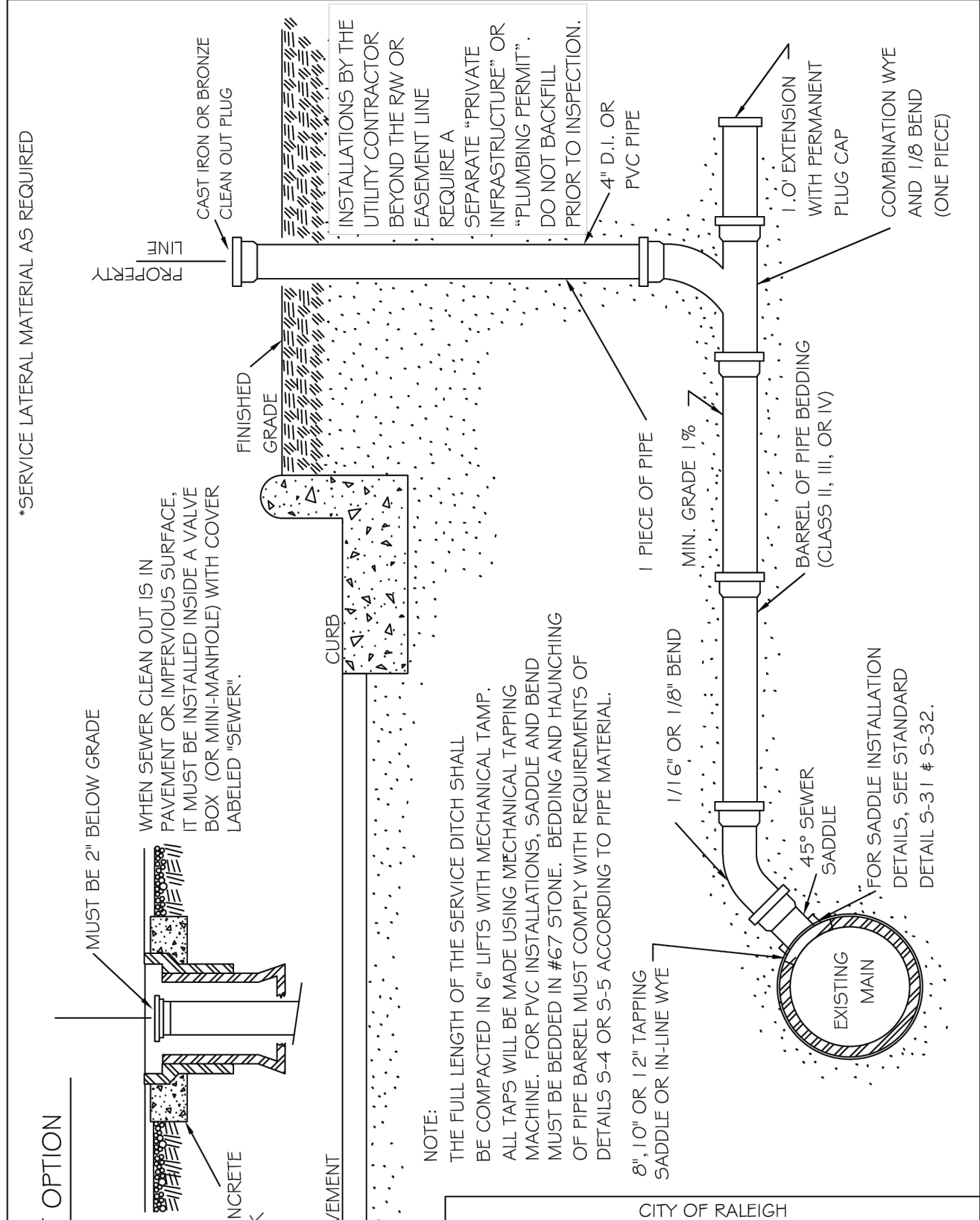
STYLES ACCEPTED:
INVERTED NUT
RAISED NUT

CITY OF RALEIGH DEPARTMENT OF PUBLIC UTILITIES					
4" CLEANOUT PLUG					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
9-34	D.W.C.	3-1-87	RRH	3-30-00	
		3-27-98			



CITY OF RALEIGH DEPARTMENT OF PUBLIC UTILITIES					
TYPICAL SANITARY SEWER LATERAL TRACER WIRE					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
S-30A	W.D.	9-14			

U4 SANITARY SEWER LATERAL CONNECTION & CLEANOUT



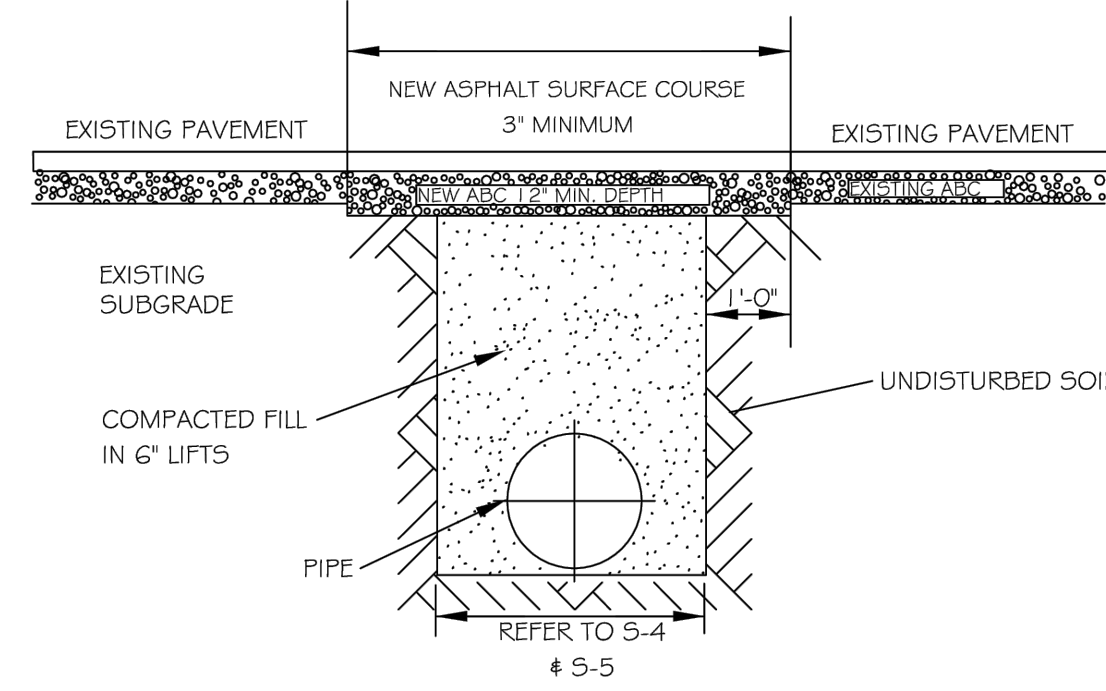
CITY OF RALEIGH DEPARTMENT OF PUBLIC UTILITIES					
TYPICAL SANITARY SEWER LATERAL CONNECTION					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
S-30	Y.C.A.	6-92	A.B.B.	4-8-04	
	RRH	3-30-00	D.H.L.	6-18-08	

**FOR REVIEW ONLY
NOT FOR CONSTRUCTION**

NOTE(S): ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

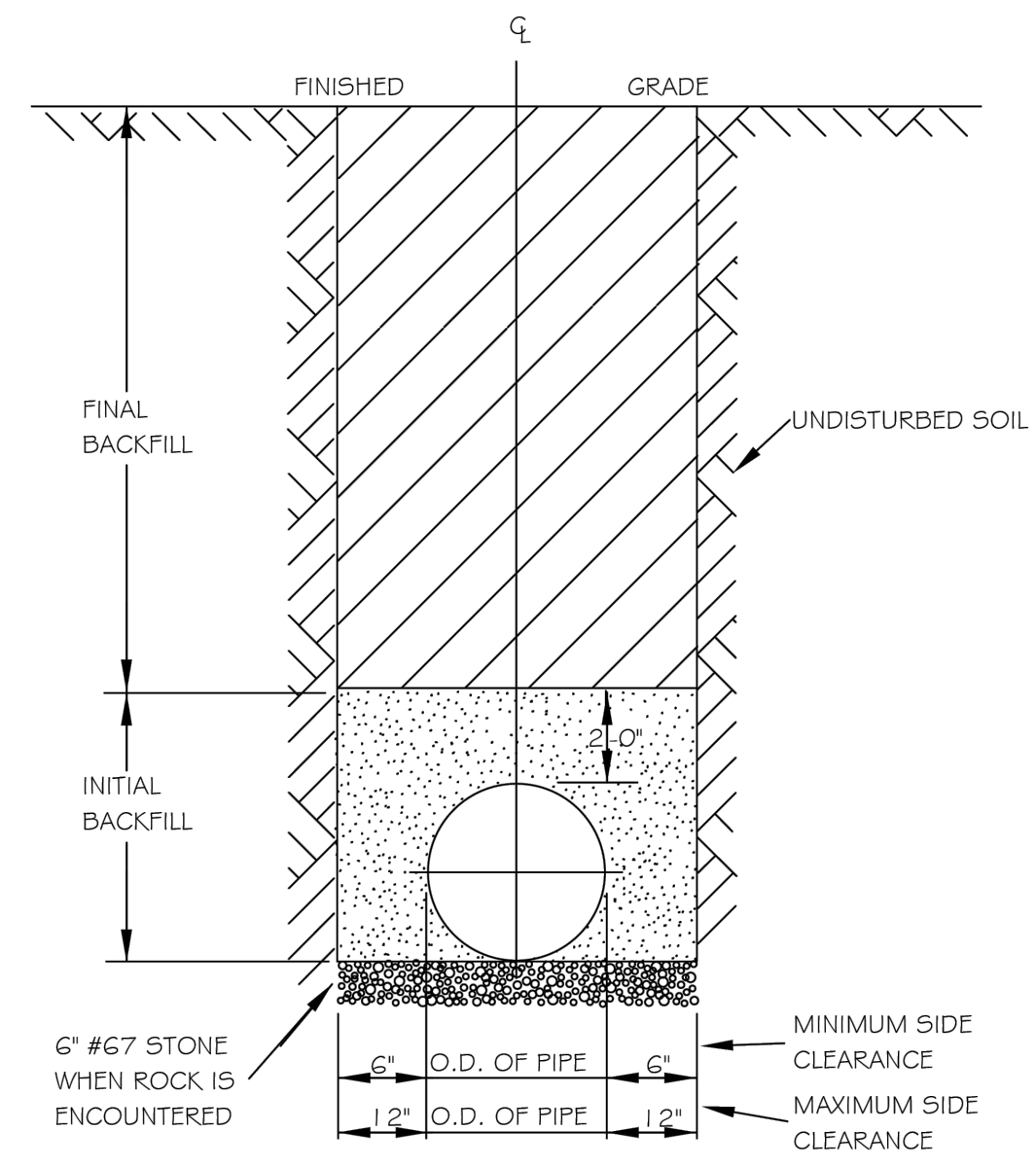
NO.	REVISION	DATE

CITY OF RALEIGH DEPARTMENT OF PUBLIC UTILITIES					
DRAWING SHEET					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
S-30	Y.C.A.	6-92	A.B.B.	4-8-04	
	RRH	3-30-00	D.H.L.	6-18-08	



- NOTES:
1. IN NCDOT MAINTAINED ROADWAYS ENCROACHMENT PAVEMENT PATCH REQUIREMENTS SHALL TAKE PRECEDENCE.
 2. THE PAVEMENT CUT SHALL BE DEFINED BY A STRAIGHT EDGE AND CUT WITH AN APPROPRIATE SAWCUT MACHINE.
 3. THE TRENCH SUBGRADE MATERIAL SHALL BE BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED TO A DENSITY OF AT LEAST 95% OF THAT OBTAINED BY COMPACTING A SAMPLE OF THE MATERIAL IN ACCORDANCE WITH AASHTO T-99 AS MODIFIED BY NCDOT.
 4. THE FINAL 1" OF FILL SHALL CONSIST OF ABC MATERIAL COMPACTED TO A DENSITY EQUAL TO 100% OF THAT OBTAINED BY COMPACTING A SAMPLE OF THE MATERIAL IN ACCORDANCE WITH AASHTO T-80 AS MODIFIED BY NCDOT.
 5. THE ENTIRE THICKNESS AND VERTICAL EDGE OF CUT SHALL BE TACKED.
 6. THE SAME DEPTH OF PAVEMENT MATERIAL WHICH EXISTS SHALL BE REINSTALLED, BUT IN NO CASE SHALL THE ASPHALT BE LESS THAN 3" THICK.
 7. THE ASPHALT PAVEMENT MATERIAL SHALL BE INSTALLED AND COMPACTED THOROUGHLY WITH A SMOOTH DRUM ROLLER TO ACHIEVE A SMOOTH LEVEL PATCH.
 8. REFER TO CITY OF RALEIGH STANDARDS FOR TRENCHES AND PIPE BEDDING (S-4 & S-5) FOR ADDITIONAL DETAILS.
 9. NO HAND PATCHING ALLOWED.
 10. PAVEMENT CUTS WITHIN NCDOT ROW SHALL CONFORM TO THE APPROVED ON SITE ENCROACHMENT PERMIT.

CITY OF RALEIGH				
DEPARTMENT OF PUBLIC UTILITIES				
STANDARD ASPHALT PAVEMENT PATCH DETAIL				
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-3	D.W.C.	11-1-99	A.B.B.	4-19-04
	RRH	3-30-00	J.P.S.	10-8-10



- NOTES:
1. TRENCHES REQUIRING SHORING AND BRACING, DIMENSIONS SHALL BE TAKEN FROM THE INSIDE FACE OF THE SHORING AND BRACING.
 2. NO ROCKS OR BOULDERS 4" OR LARGER TO BE USED IN INITIAL BACKFILL.
 3. ALL BACKFILL MATERIAL SHALL BE SUITABLE NATIVE MATERIAL.
 4. BACKFILL SHALL BE TAMPED IN 6" LIFTS IN TRAFFIC AREAS, 12" IN NON-TRAFFIC AREAS.
 5. ACHIEVE 80% COMPACTION IN NON-TRAFFIC AREAS, AND 95% COMPACTION IN TRAFFIC AREAS.
 6. IF IN EASEMENT 4" TOPSOIL, AND 12" CLEAN SELECT FILL MAY BE REQUIRED.
 7. NO BOULDERS 8" IN DIAMETER OR GREATER ALLOWED IN FINAL BACKFILL.

CITY OF RALEIGH				
DEPARTMENT OF PUBLIC UTILITIES				
TRENCH BOTTOM DIMENSIONS & BACKFILLING REQUIREMENTS FOR DUCTILE IRON				
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-4	D.W.C.	9-3-99		
	RRH	3-30-00		

U5 OPEN CUT & PAVEMENT PATCH FOR PVC SEWER SERVICE CONNECTION

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PAST DESIGN GROUP, PA
Engineering | Consulting
 107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
 Phone: 919 848 4399 | Fax: 919 848 4395 | NC LICENSE NUMBER: C-3211

PREPARED FOR:
 FLETCHER ACADEMY SCHOOL OF ARCHITECTURE, INC.
 400 CEDARHURST CT
 RALEIGH, NORTH CAROLINA 27615
 DATE: 01.31.2024
 PROJECT ENGINEER:
 PJP
 PROJECT CADD DESIGNER:
 PJP
 PROJECT SURVEYOR:
 VESTON/LAND SURVEYORS, PLLC

FLETCHER ACADEMY EXPANSION
 RALEIGH, WAKE COUNTY, NORTH CAROLINA
TIER 2 ADMINISTRATIVE SITE REVIEW
UTILITY DETAIL SHEET

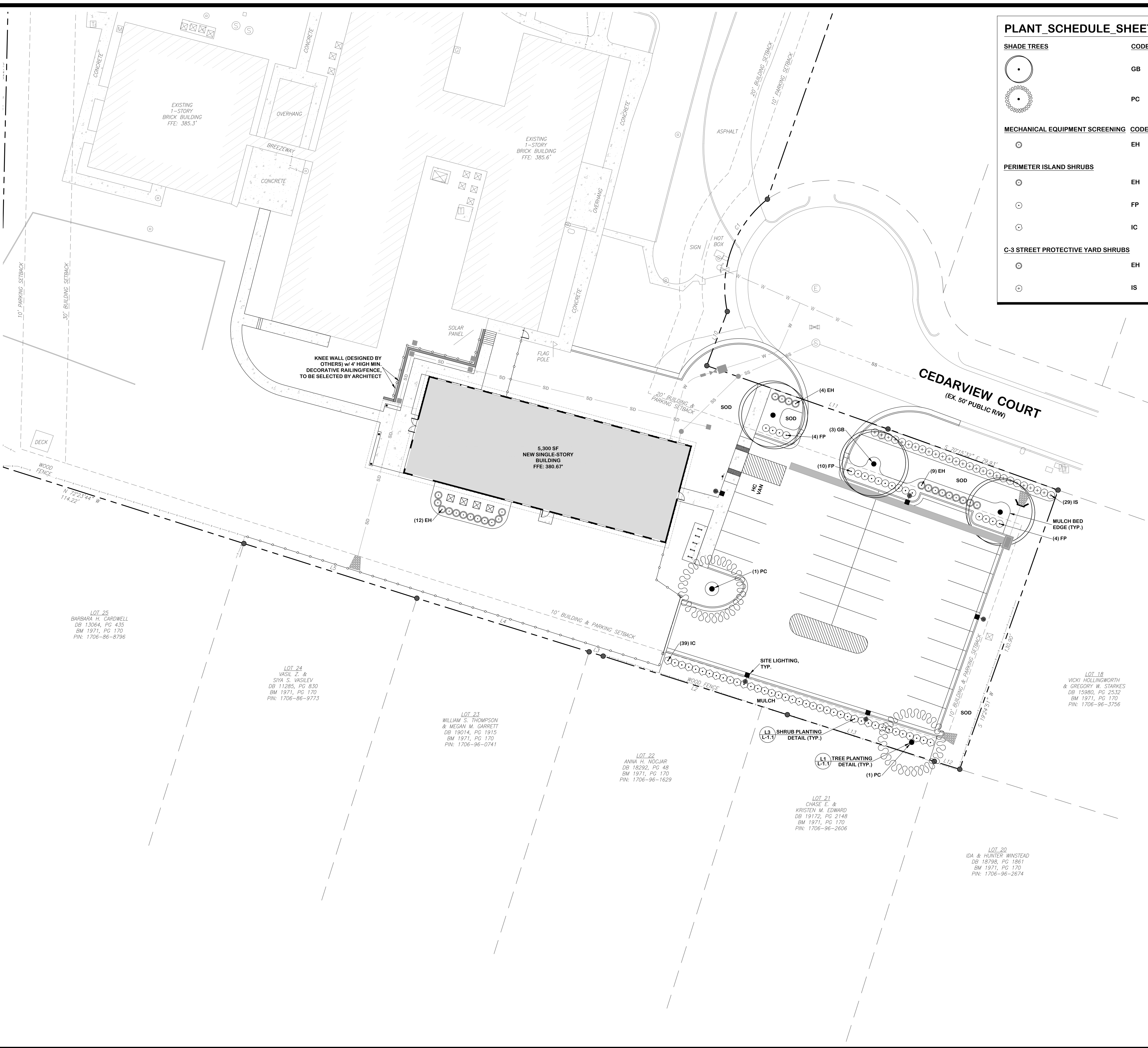
NO.	REVISION	DATE

DRAWING SHEET

D-2.1

PROJECT NUMBER
679-24

C:\Public\10-Projects\600-699\679-24_Fletcher_Academy_Expansion (Redline)\50-Drawing\4-Design\679-24_L-1.dwg, Apr. 26, 2024, 3:26pm, BY: Jacob



PLANT_SCHEDULE_SHEET_L-1.0

SHADE TREES	CODE	QTY	BOTANICAL / COMMON NAME	CALIPER	HEIGHT	CONTAINER
	GB	3	Ginkgo biloba 'Autumn Gold' Autumn Gold Maidenhair Tree	3" MIN.	10' MIN.	B&B
	PC	2	Pistacia chinensis Chinese Pistache	3" MIN.	10' MIN.	B&B
MECHANICAL EQUIPMENT SCREENING	CODE	QTY	BOTANICAL / COMMON NAME	INSTALL	MATURE HT.	MATURE WIDTH
	EH	12	Distylium 'Emerald Heights' Emerald Heights Distylium	36" MIN.	4-5'	4-5'
PERIMETER ISLAND SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	INSTALL	MATURE HT.	MATURE WIDTH
	EH	9	Distylium 'Emerald Heights' Emerald Heights Distylium	18" MIN.	3-4'	3-4'
	FP	18	Gardenia jasminoides 'Frostproof' Frostproof Gardenia	18" MIN.	4-5'	4-5'
	IC	39	Ilex vomitoria 'Condeaux' Bordeaux Yaupon Holly	18" MIN.	3-4'	3-4'
C-3 STREET PROTECTIVE YARD SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	INSTALL	MATURE HT.	MATURE WIDTH
	EH	4	Distylium 'Emerald Heights' Emerald Heights Distylium	18" MIN.	4-5'	6-8'
	IS	29	Ilex glabra 'Shamrock' Shamrock Inkberry Holly	18" MIN.	4-5'	4-5'

LANDSCAPE CALCULATIONS:

TREE COVERAGE (UDO 7.1.7.F.2.)
 REQUIRED: 1 TREE PER EVERY 2,000 SF OF PARKING AREA
 REQUIRED: 5,022 / 2,000 = 2.51 = 2.51 TREES
 PROVIDED: 5

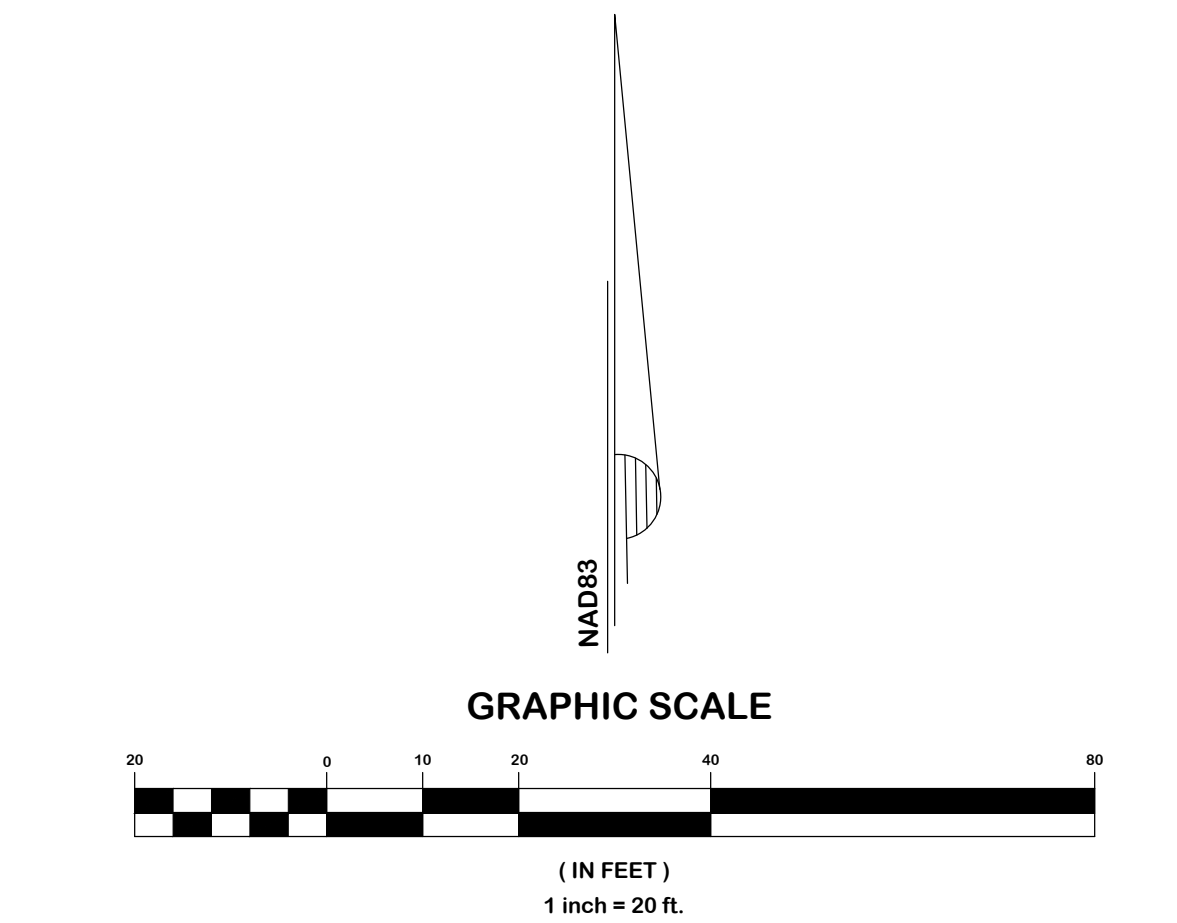
PERIMETER ISLAND LF (UDO 7.1.7.C)
 REQUIRED: 30 SHRUBS PER 100 LF OF PERIMETER ISLAND THAT IS ALONG PRIMARY INTERNAL ACCESS DRIVES.
 REQUIRED: (221 LF / 100) x 30 = 66.3 = 66 SHRUBS
 PROVIDED: 66 SHRUBS

EACH INTERIOR ISLAND (AND TERMINAL INTERIOR ISLAND) MUST INCLUDE AT LEAST 1 SHADE TREE (UDO 7.1.7.F.1.)
 REQUIRED: 5 SHADE TREES
 PROVIDED: 5 SHADE TREES

TYPE C3 STREET PROTECTIVE (UDO 7.2.4.)
 MUST INCLUDE 30 SHRUBS PER 100 LF (3.5' MIN. HEIGHT AT PLANTING)
 REQUIRED: (109 LF / 100) x 30 = 32.7 = 33 SHRUBS
 PROVIDED: 33 SHRUBS

SCREENING (UDO 7.2.5.)
 MECHANICAL EQUIPMENT SCREENING REQUIRED: CONTINUOUS FOR GROUND MOUNTED EQUIPMENT. SCREENING SHOULD BE A HIGH AS THE TALLEST POINT OF EQUIPMENT BEING SCREENED
 PROVIDED: 12 EVERGREEN SHRUBS AT 36" MIN. (CODE MET)

STREET TREES
 REQUIRED: N/A PER TIER 2 ASR CLASSIFICATION



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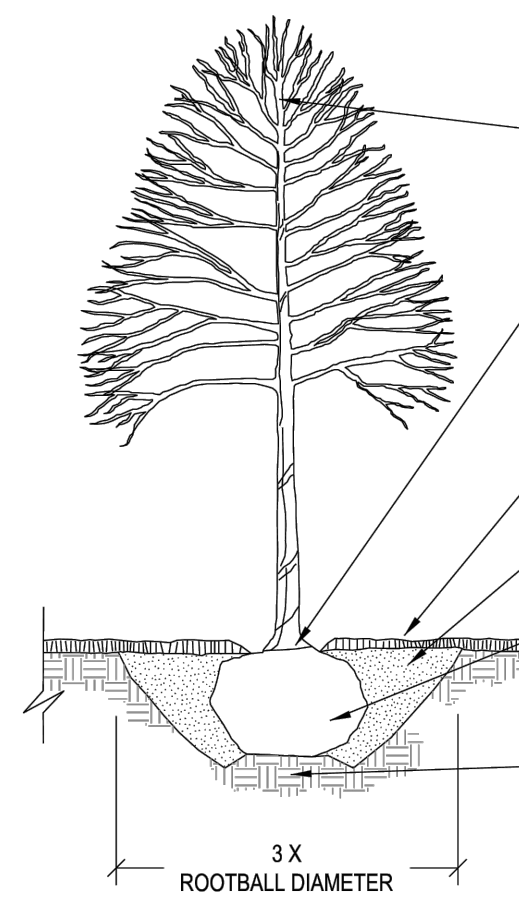
PAST DESIGN GROUP, PA
 Engineering | Consulting
 107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
 Phone: 919 946 4399 | Fax: 919 946 4395 | NC LICENSE NUMBER: C-3311

PREPARED FOR:
 FLETCHER ACADEMY SCHOOL OF ACHIEVEMENT, INC.
 400 CEDARVIEW CT
 RALEIGH, NORTH CAROLINA 27615
 DATE: 01.31.2024
 PROJECT ENGINEER:
 PJP
 PROJECT CADD DESIGNER:
 PJP
 PROJECT SURVEYOR:
 PJP
 VERIFIED LAND SURVEYORS, PLLC

FLETCHER ACADEMY EXPANSION
 RALEIGH, WAKE COUNTY, NORTH CAROLINA
TIER 2 ADMINISTRATIVE SITE REVIEW
LANDSCAPE PLAN

NO.	REVISION	DATE

DRAWING SHEET
L-1.0
 PROJECT NUMBER
679-24



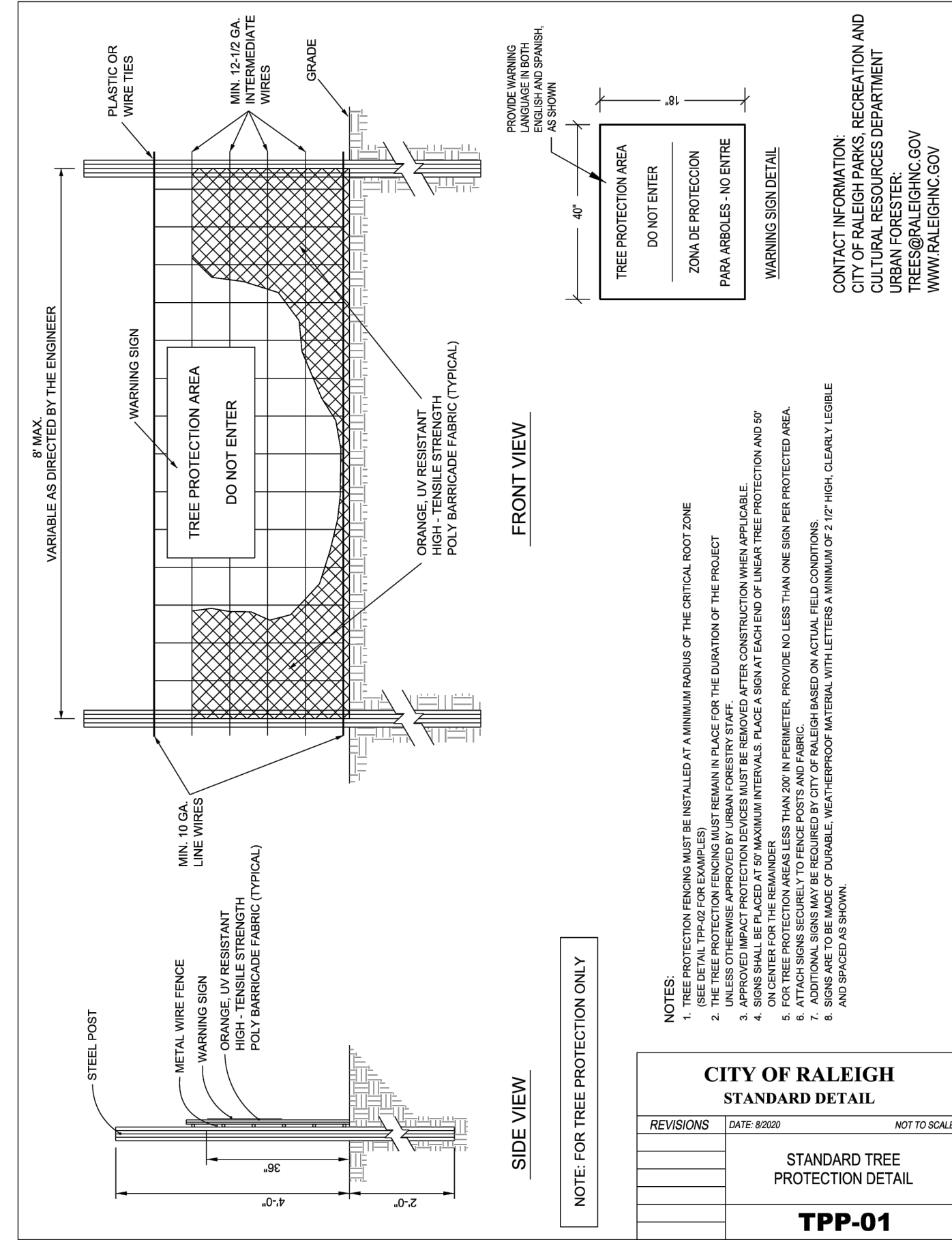
- DO NOT PRUNE LEADER. PRUNE OR CUT ONLY DEAD OR DAMAGED BRANCHES TO AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A300 STANDARDS
- REMOVE EXCESS SOIL TO EXPOSE THE ROOT FLARE. THE ROOT FLARE SHALL BE PLANTED AT GRADE, NO HIGHER THAN 2" ABOVE GRADE, AND NEVER BELOW GRADE. TREE SHALL BE SET PLUMB
- MULCH DEPTH NOT MORE THAN 3". KEEP MULCH 3" FROM ROOT FLARE AND DO NOT CONTACT STEM
- PLANTING SOIL MIX AROUND ROOT BALL. 600 CU FT OF SOIL OR STRUCTURAL SOIL REQUIRED PER TREE
- COMPLETELY REMOVE TOP HALF OF BURLAP, LACING STRAPS, NAILS AND WIRE BASKET AND DISCARD FROM HOLE. ALL SYNTHETIC BURLAP MUST BE REMOVED FROM SIDES OF ROOT BALL
- ROOT BALL SHALL BE PLACED DIRECTLY ON COMPACTED SUBGRADE. HANDLE TREE BY THE ROOT BALL ONLY.

CONTACT INFORMATION:
CITY OF RALEIGH PARKS, RECREATION AND CULTURAL RESOURCES DEPARTMENT URBAN FORESTER.
TREES@RALEIGHNC.GOV
WWW.RALEIGHNC.GOV

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

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE	BY
102019		
TREE PLANTING DETAIL		
TPP-03		

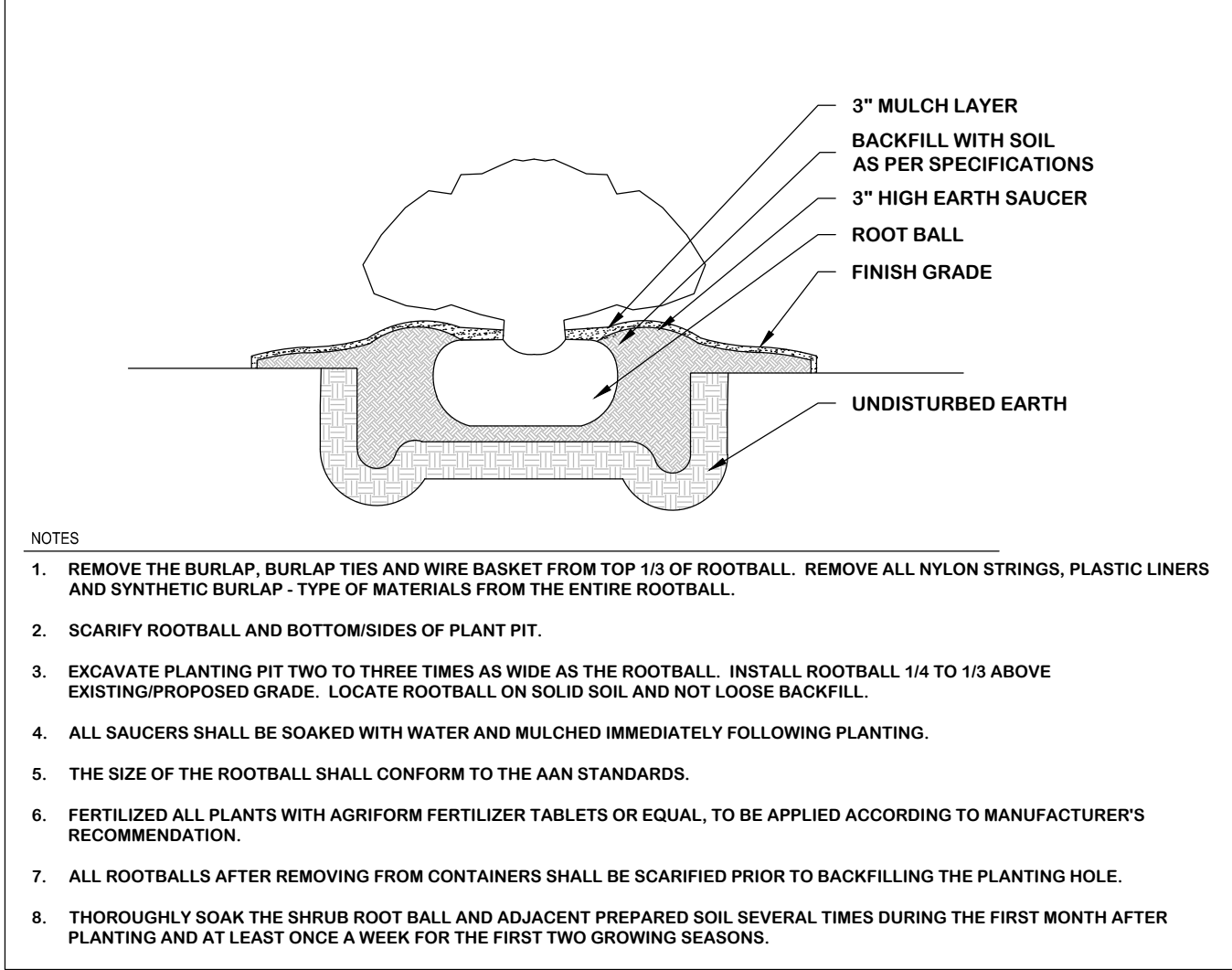
L1 TREE PLANTING DETAIL



- NOTES:
- TREE PROTECTION FENCING MUST BE INSTALLED AT A MINIMUM RADIUS OF THE CRITICAL ROOT ZONE
 - TREE PROTECTION FENCING MUST REMAIN IN PLACE FOR THE DURATION OF THE PROJECT
 - MINIMUM TREE PROTECTION FENCING SHALL BE 42" HIGH
 - MINIMUM TREE PROTECTION FENCING SHALL BE 1/2" GAL. PLASTIC OR WIRE TIES
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CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE	BY
0903		
STANDARD TREE PROTECTION DETAIL		
TPP-01		

L2 TREE PROTECTION DETAIL



- NOTES:
- REMOVE THE BURLAP, BURLAP TIES AND WIRE BASKET FROM TOP 1/3 OF ROOTBALL. REMOVE ALL NYLON STRINGS, PLASTIC LINERS AND SYNTHETIC BURLAP - TYPE OF MATERIALS FROM THE ENTIRE ROOTBALL.
 - SCARIFY ROOTBALL AND BOTTOM/SIDES OF PLANT PIT.
 - EXCAVATE PLANTING PIT TWO TO THREE TIMES AS WIDE AS THE ROOTBALL. INSTALL ROOTBALL 1/4 TO 1/3 ABOVE EXISTING/PROPOSED GRADE. LOCATE ROOTBALL ON SOLID SOIL AND NOT LOOSE BACKFILL.
 - ALL SAUCERS SHALL BE SOAKED WITH WATER AND MULCHED IMMEDIATELY FOLLOWING PLANTING.
 - THE SIZE OF THE ROOTBALL SHALL CONFORM TO THE AAN STANDARDS.
 - FERTILIZED ALL PLANTS WITH AGRIFORM FERTILIZER TABLETS OR EQUAL, TO BE APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATION.
 - ALL ROOTBALLS AFTER REMOVING FROM CONTAINERS SHALL BE SCARIFIED PRIOR TO BACKFILLING THE PLANTING HOLE.
 - THOROUGHLY SOAK THE SHRUB ROOT BALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND AT LEAST ONCE A WEEK FOR THE FIRST TWO GROWING SEASONS.

L3 SHRUB PLANTING DETAIL

**FOR REVIEW ONLY
NOT FOR CONSTRUCTION**

NOTE(S): ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

PAST DESIGN GROUP, PA
Engineering | Consulting
107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
Phone: 919 846 4399 | Fax: 919 946 0395 | NC LICENSE NUMBER: C-3311

PREPARED FOR:	FLETCHER ACADEMY SCHOOL OF ARCHITECTURE, INC. 400 CEDARVIEW CT RALEIGH, NORTH CAROLINA 27605
DATE:	01.31.2024
PROJECT ENGINEER:	PJP
PROJECT CAD DESIGNER:	PJP
PROJECT SURVEYOR:	UNUSUAL LAND SURVEYORS, PLLC

FLETCHER ACADEMY EXPANSION
RALEIGH, WAKE COUNTY, NORTH CAROLINA
**TIER 2 ADMINISTRATIVE SITE REVIEW
LANDSCAPE DETAIL SHEET**

NO.	REVISION	DATE

DRAWING SHEET
L-1.1
PROJECT NUMBER
679-24

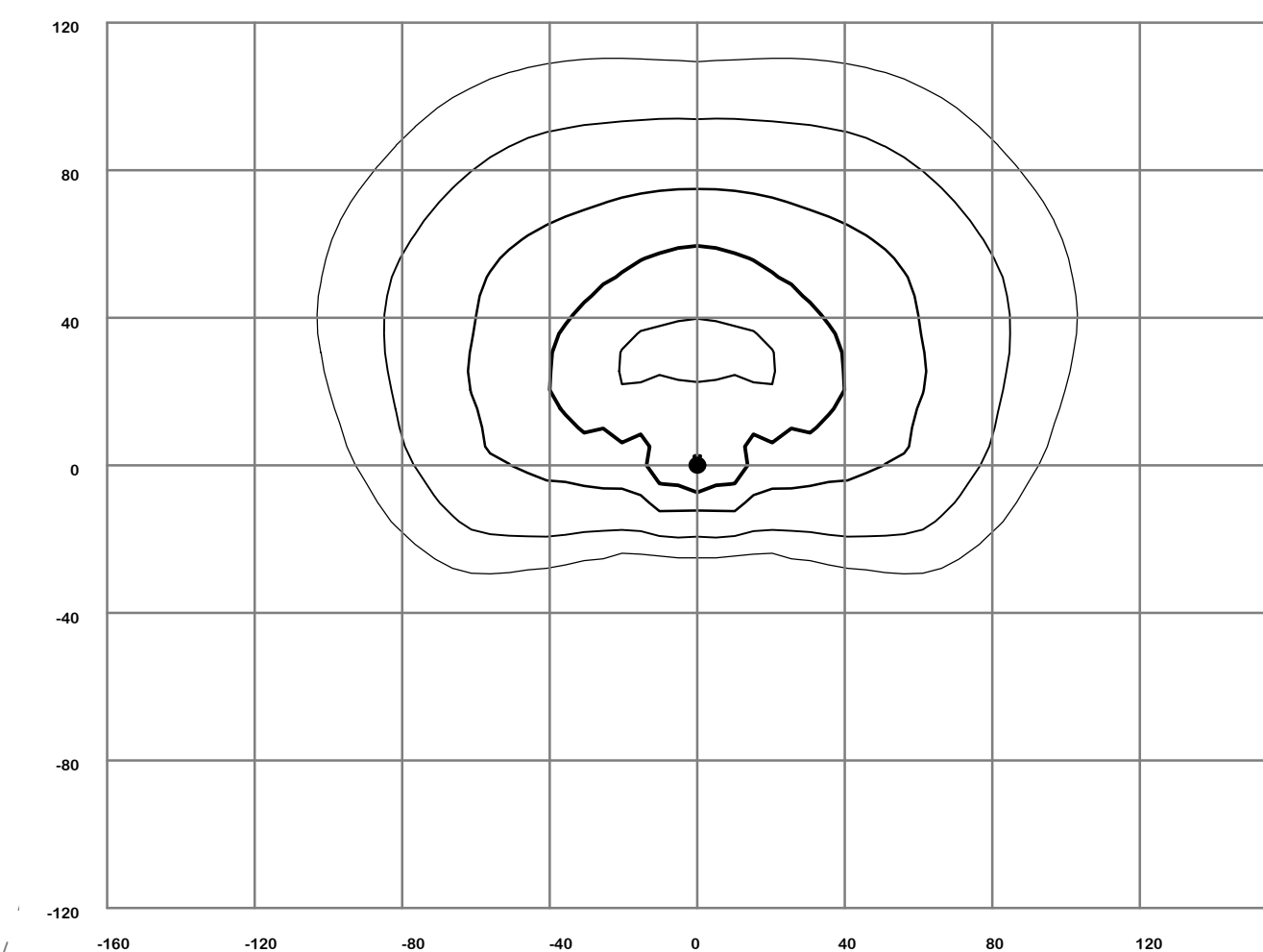
LUMINAIRE SCHEDULE						
TYP	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING/BALLAST	LLF QTY
254A		GE LIGHTING LED205 4 1/POLE (1) "2054" LED205_4_1/POLE	(1) 4000K	13620	25' MT HT SiteLighter II	0.85 1

SEE SHEET C-0.1 FOR LEGENDS & NOTES

ISOFOOTCANDLE CURVES

FIGURE: LED205, EAMM ASSY# L12KLED205LRMC
 MOUNTING HEIGHT: 25 FT POLE ASSY# PLFG30BLC (BLACK)
 LIGHT SOURCE: 180 LED'S, 4000K
 PATTERN: TYPE IV, B2-U3-G3(zero light at or above 90 degrees)

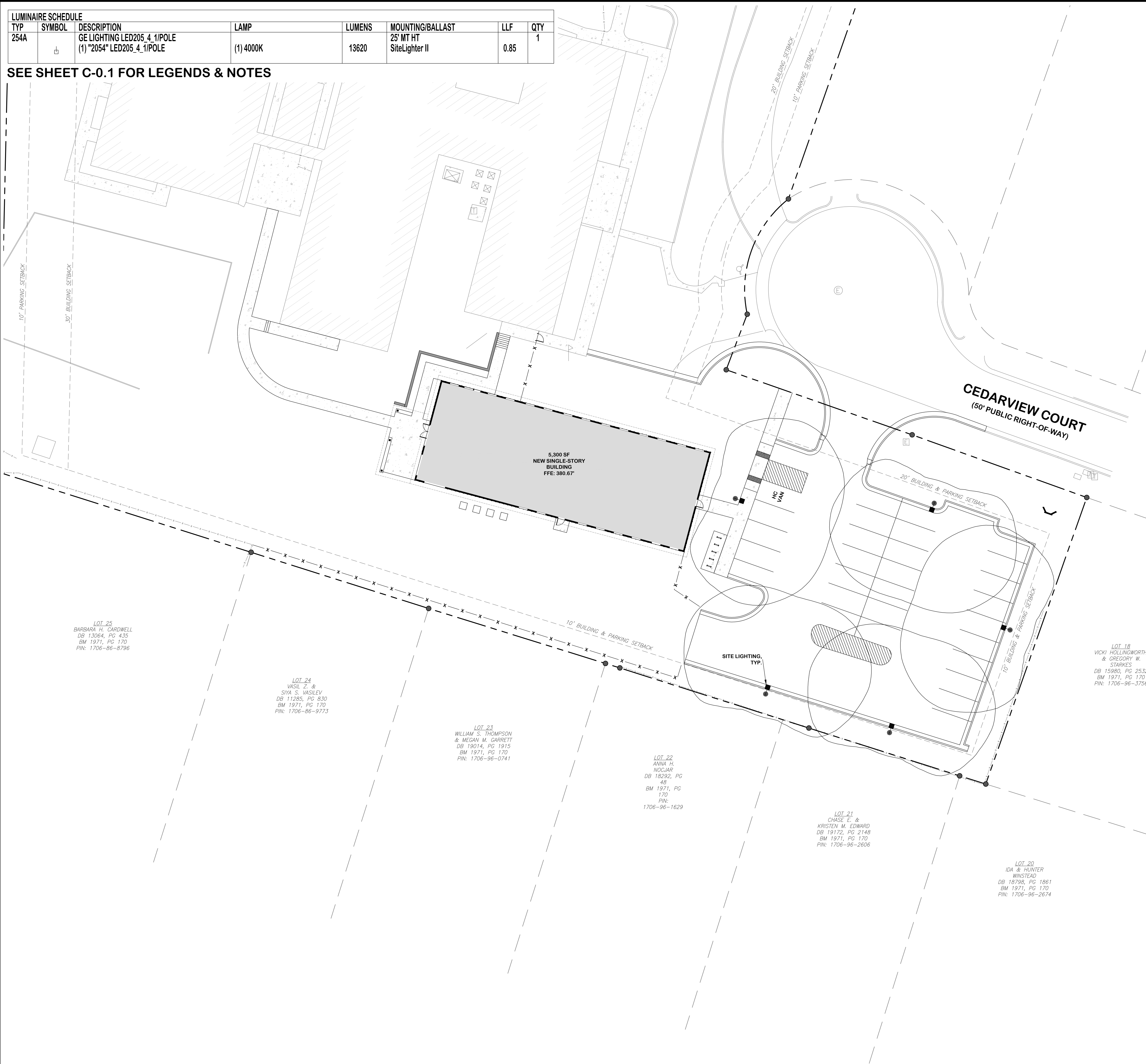
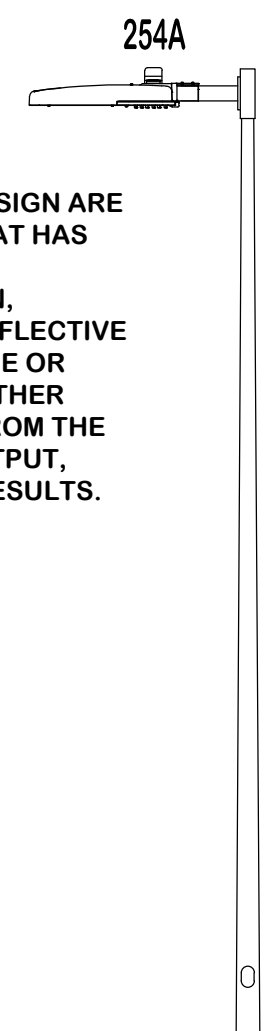
NOTE: THE FOOTCANDLE READINGS BELOW ARE MAINTAINED AND HAVE BEEN DEPRECIATED FOR LED LUMEN DEPRECIATION AND LUMINAIRE DIRT DEPRECIATION. FOR INITIAL FOOTCANDLES, DIVIDE THE READINGS BELOW BY .85.



LEGEND (OUTER to INNER): 0.100, 0.200, 0.450, 0.750, 1.10

LIGHTING DESIGN TOLERANCE

THE CALCULATED FOOTCANDLE LIGHT LEVELS IN THIS LIGHTING DESIGN ARE PREDICTED VALUES AND ARE BASED ON SPECIFIC INFORMATION THAT HAS BEEN SUPPLIED TO PROGRESS ENERGY. ANY INACCURACIES IN THE SUPPLIED INFORMATION, DIFFERENCES IN LUMINAIRE INSTALLATION, LIGHTED AREA GEOMETRY INCLUDING ELEVATION DIFFERENCES, REFLECTIVE PROPERTIES OF SURROUNDING SURFACES, OBSTRUCTIONS (FOLIAGE OR OTHERWISE) IN THE LIGHTED AREA, OR LIGHTING FROM SOURCES OTHER THAN LISTED IN THIS DESIGN MAY PRODUCE DIFFERENT RESULTS FROM THE PREDICTED VALUES. NORMAL TOLERANCES OF VOLTAGE, LAMP OUTPUT, AND BALLAST AND LUMINAIRE MANUFACTURE WILL ALSO AFFECT RESULTS.



LOT 25
BARBARA H. CARDWELL
DB 13064, PG 435
BM 1971, PG 170
PIN: 1706-86-8796

LOT 24
VASIL Z. &
SVA S. WASKLEY
DB 11285, PG 830
BM 1971, PG 170
PIN: 1706-86-9773

LOT 23
WILLIAM S. THOMPSON
& MEGAN M. GARRETT
DB 19014, PG 1915
BM 1971, PG 170
PIN: 1706-96-0741

LOT 22
ANNA H.
NOGAR
DB 18292, PG
48
BM 1971, PG
170
PIN:
1706-96-1629

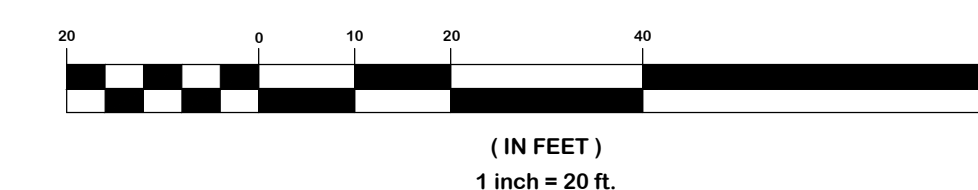
LOT 21
CHASE E. &
KRISTEN M. EDWARD
DB 19172, PG 2148
BM 1971, PG 170
PIN: 1706-96-2606

LOT 20
IDA & HUNTER
WINSTEAD
DB 18798, PG 1861
BM 1971, PG 170
PIN: 1706-96-2674

LOT 18
VICKI HOLLINGWORTH
& GREGORY W.
STARCKES
DB 15980, PG 2532
BM 1971, PG 170
PIN: 1706-96-3756



GRAPHIC SCALE



**FOR REVIEW ONLY
NOT FOR CONSTRUCTION**

PREPARED FOR:
FLETCHER ACADEMY SCHOOL OF ACHIEVEMENT, INC.
400 CEDARVIEW CT
RALEIGH, NORTH CAROLINA 27615
DATE: 01.31.2024
PROJECT ENGINEER:
PJP
PROJECT CADD DESIGNER:
PJP
PROJECT SURVEYOR:
NEWMARK LAND SURVEYORS, PLLC

FLETCHER ACADEMY EXPANSION
 RALEIGH, WAKE COUNTY, NORTH CAROLINA
TIER 2 ADMINISTRATIVE SITE REVIEW
LIGHTING PLAN

NO.	REVISION	DATE

DRAWING SHEET
LP-1.0
 PROJECT NUMBER
679-24

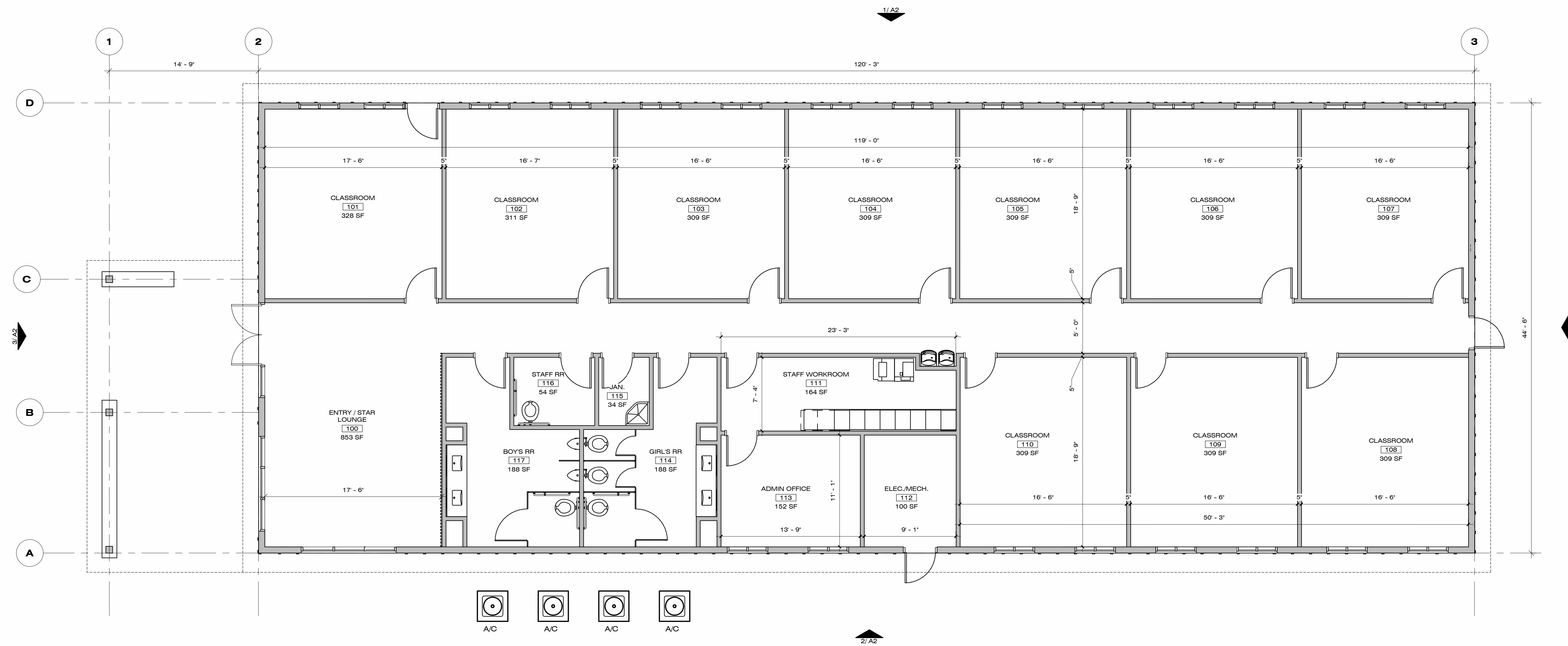
PAST DESIGN GROUP, PA
 Engineering | Consulting
 107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
 Phone: 919 946 4399 | Fax: 919 946 0951 | NC LICENSE NUMBER: C-3011

F:\Public\10-Projects\600-699\679-24_Fletcher_Academy_Expansion (Retail)\50-Drawings\4-Design\679-24_LP-1.0.dwg - Apr 26, 2024 - 10:04am BY: Jacob



REDLINE

6601 Six Forks Rd.
Suite 130
Raleigh, NC 27615
919.878.1660
www.redlinedg.com



PRELIMINARY NOT FOR CONSTRUCTION

XX.XX.XXXX

1 1ST FLOOR CONSTRUCTION PLAN
SCALE: 3/16" = 1'-0"

**FLETCHER
ACADEMY
UPPER SCHOOL
PHASE II**

400 Cedarview Ct,
Raleigh, NC 27609

Room Schedule		
Number	Name	Area
100	ENTRY / STAR LOUNGE	853 SF
101	CLASSROOM	328 SF
102	CLASSROOM	311 SF
103	CLASSROOM	309 SF
104	CLASSROOM	309 SF
105	CLASSROOM	309 SF
106	CLASSROOM	309 SF
107	CLASSROOM	309 SF
108	CLASSROOM	309 SF
109	CLASSROOM	309 SF
110	CLASSROOM	309 SF
111	STAFF WORKROOM	164 SF
112	ELEC. MECH.	100 SF
113	ADMIN OFFICE	152 SF
114	GIRL'S RR	188 SF
115	JAN.	34 SF
116	STAFF RR	54 SF
117	BOYS RR	188 SF

#	DESCRIPTION	DATE
1		
2		
3		
4		
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7		
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9		
10		

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FROM REDLINE

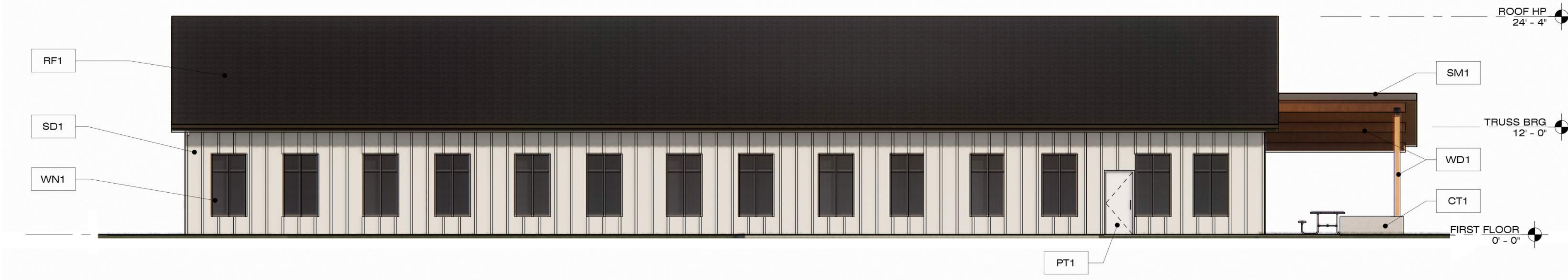
ARCH. PROJECT # XX-XXX

1ST FLOOR CONSTRUCTION PLAN

SCALE: 3/16" = 1'-0"

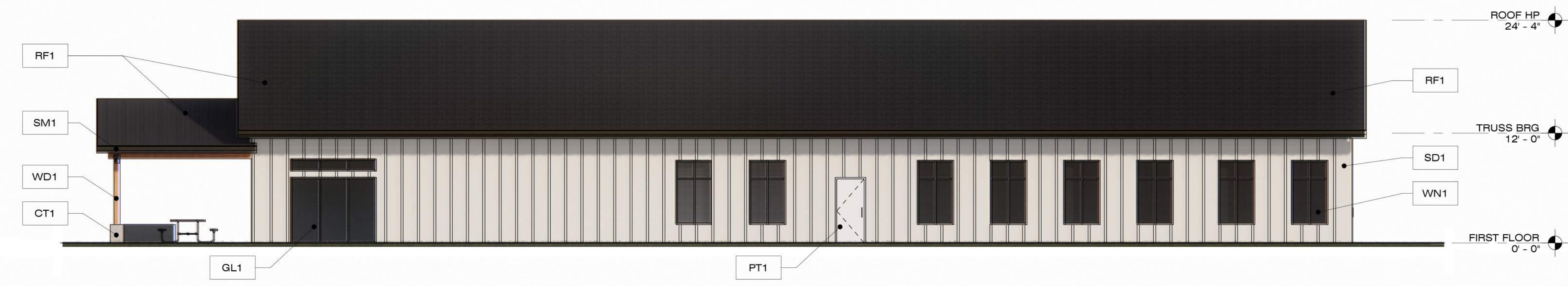
SHEET #

A1.0



1 NORTH ELEVATION
SCALE: 1/8" = 1'-0"

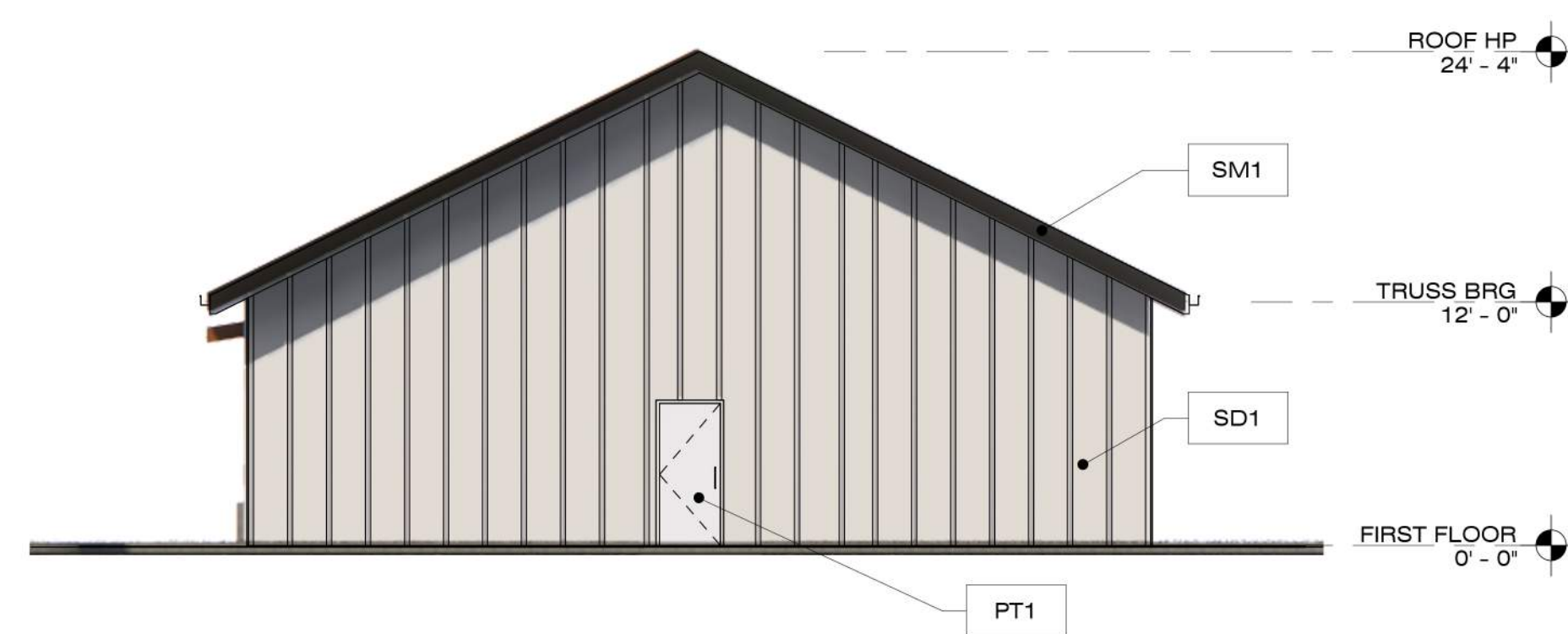
EXT. ELEVATIONS LEGEND	
RF1	ROOFING: DIMENSIONAL ASPHALT SHINGLE
SD1	WALL SIDING: FIBER CEMENT PANELS WITH VERTICAL BATTENS
WD1	WOOD: GLUE-LAM POST/BEAM
SM1	SHEET METAL: DARK BRONZE
GL1	GLAZING SYSTEM: ALUMINUM STORFRONT FRAMING WITH CLEAR INSULATING GLAZING
WN1	WINDOW: FIBERGLASS FRAMED INSULATED GLAZING UNIT
PT1	PAINT: DARK BRONZE



2 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



3 WEST ELEVATION
SCALE: 1/8" = 1'-0"



4 EAST ELEVATION
SCALE: 1/8" = 1'-0"



REDLINE

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Charlotte, NC 28208
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www.redlinedg.com

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XX.XX.XXXX

FLETCHER ACADEMY UPPER SCHOOL PHASE II

400 Cedarview Ct,
Raleigh, NC 27609

#	DESCRIPTION	DATE
1		
2		
3		
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EXTERIOR ELEVATIONS

SCALE: 1/8" = 1'-0"

SHEET #

A6.0