

CONSTRUCTION REVISION SUMMARY

SITE NOTES:

1. ALL CURB RADI ARE 4" UNLESS OTHERWISE NOTED.
2. ALL CONCRETE SIDEWALKS ARE 5" WIDE (INCLUDING ADJACENT CURB) UNLESS OTHERWISE NOTED. SEE SHEET C-1-16 FOR SIDEWALK CONSTRUCTION INFORMATION.
3. ALL DIMENSIONS TO FACE OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
4. REFER TO STRUCTURAL DRAWINGS FOR ALL CONCRETE SLAB JOINTING, DIMENSIONS AND DETAILS.
5. SEE SHEETS C-1-2 FOR PAVEMENT MATERIALS & SECTIONS.
6. SEE SHEETS C-5-0 - C-5-7 FOR SIGNAGE & STRIPING.
7. SEE SHEET C-1-11 FOR SITE PLAN INSETS.
8. ALL INTERNAL ROADWAYS ARE TO BE PRIVATELY MAINTAINED.

SIGN NOTES:

1. UNLESS NOTED, ALL SIGNS ARE TO BE MOUNTED ON GALVANIZED STEEL CHANNEL POSTS (3/8" T). BOTTOM OF SIGN PANELS TO BE 7' ABOVE FINISHED GRADE EXCEPT SIGNS IDENTIFYING ADA PARKING SPACES WHICH SHALL BE 8' ABOVE FINISHED GRADE. MIN. OF 4' FT ABOVE THE PARKING SURFACE PER VCC108-H. POSTS TO BE EMBEDDED AT LEAST 3'.
2. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL STOP SIGNS, INTERSECTION ADVANCE WARNING SIGNS, AND SIGN FOUND ON THE PLANS.

PAVEMENT MARKING NOTES:

1. UNLESS NOTED OTHERWISE, CONTRACTOR TO INSTALL ALL PARKING LOT STRIPING TO BE 4" WIDE TYPE A, WHITE SOLID. PAVEMENT LINE MARKING SHALL BE 1/2" WIDE TYPE A, WHITE SOLID.
2. SEE SIGNAGE & STRIPING PLANS FOR PAVEMENT STRIPING AND MARKINGS MATERIALS SPECIFICATIONS

GUARDRAIL INSTALLATION NOTES:

1. ALL GUARDRAIL MUST BE INSTALLED BY A VDOT CERTIFIED GUARDRAIL CONTRACTOR - PROVIDE EVIDENCE OF CERTIFICATION TO THE ENGINEER AND ENGINEER PRIOR TO ANY INSTALLATION.
2. GUARDRAIL MUST BE INSTALLED IN ACCORDANCE WITH ALL VDOT CRASH TEST STANDARDS AND VDOT ROAD AND BRIDGE STANDARD.
3. ALL MATERIALS SHALL MEET OR EXCEED VDOT ROAD AND BRIDGE STANDARD.
4. ALL MATERIALS SHALL BE FROM THE CURRENT VDOT APPROVED PRODUCTS LIST AND SHALL MEET MASH TESTING CRITERIA.
5. GUARDRAIL SYSTEMS SHALL CONSIST OF GR-M30 WITH 6'-FOOT LENGTH W9X9 STEEL POSTS AND 12" COMPOSITE MATERIAL BULKHEADS (SEE SHEET S-5-0-5).
6. ALIGN FACE OF RAIL WITH FACE OF CURB UNLESS OTHERWISE NOTED.
7. TANGENT END TERMINALS SHALL CONSIST OF GR-M32 (SEE VDOT ROAD AND BRIDGE STANDARDS SHEETS S-6-0-6 AND S-6-0-7). ALL TANGENT END TERMINALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND APPLICABLE VDOT REQUIREMENTS.

30' REAR YARD SETBACK

DRIVEWAY

LAWN

W-2 (PSS)

W-10 (PSS)

30' COULDER

EAS (EASEMENT)

30' COULDER

EAS (EASEMENT)

SIGN NOTES:

- 1. NOTE THAT ALL SIGNS ARE TO BE MOUNTED ON GALVANIZED U-CHANNEL POSTS (3/8"FT). BOTTOM OF SIGN PANELS TO BE 7" ABOVE FINISHED GRADE EXCEPT SIGNS IDENTIFYING ADA PARKING SPACES WHICH WILL BE 4" ABOVE FINISHED GRADE. A MIN. OF 4" FT ABOVE THE PARKING SURFACE PER VCC106.8. POSTS TO BE EMBEDDED AT LEAST 3'.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL STOP SIGNS, DIRECTIONAL SIGNS, AND STRIPING SHOWN ON THE PLANS.

PAVEMENT MARKING NOTES:

- 1. UNLESS NOTED OTHERWISE, CONTRACTOR TO INSTALL ALL PARKING LOT STRIPING TO BE 4" WIDE WHITE SOLID PAVEMENT LINE MARKING TO PROVIDE A MIN. 18" DEEP PARKING LINES.
- 2. SEE SIGNAGE & STRIPING PLANS FOR PAVEMENT STRIPING AND MARKINGS MATERIALS SPECIFICATIONS

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11/06/2024

PROFESSIONAL ENGINEER

COMMONWEALTH OF VIRGINIA

KEVIN R. DELOYE

Lic. No. 024712

DOVER MAGISTERIAL DISTRICT

GOOCHLAND COUNTY, VIRGINIA

CONSTRUCTION REVISION SUMMARY

NO.	DATE	DESCRIPTION

PARTIAL LAYOUT & MATERIALS PLAN A

PROJECT ROCKY

ON-SITE IMPROVEMENTS

PLAN OF DEVELOPMENT

MATHELINE - SEE SHEET C-4.2

DESIGN
BOWMAN

JOB No. 100372-01-001

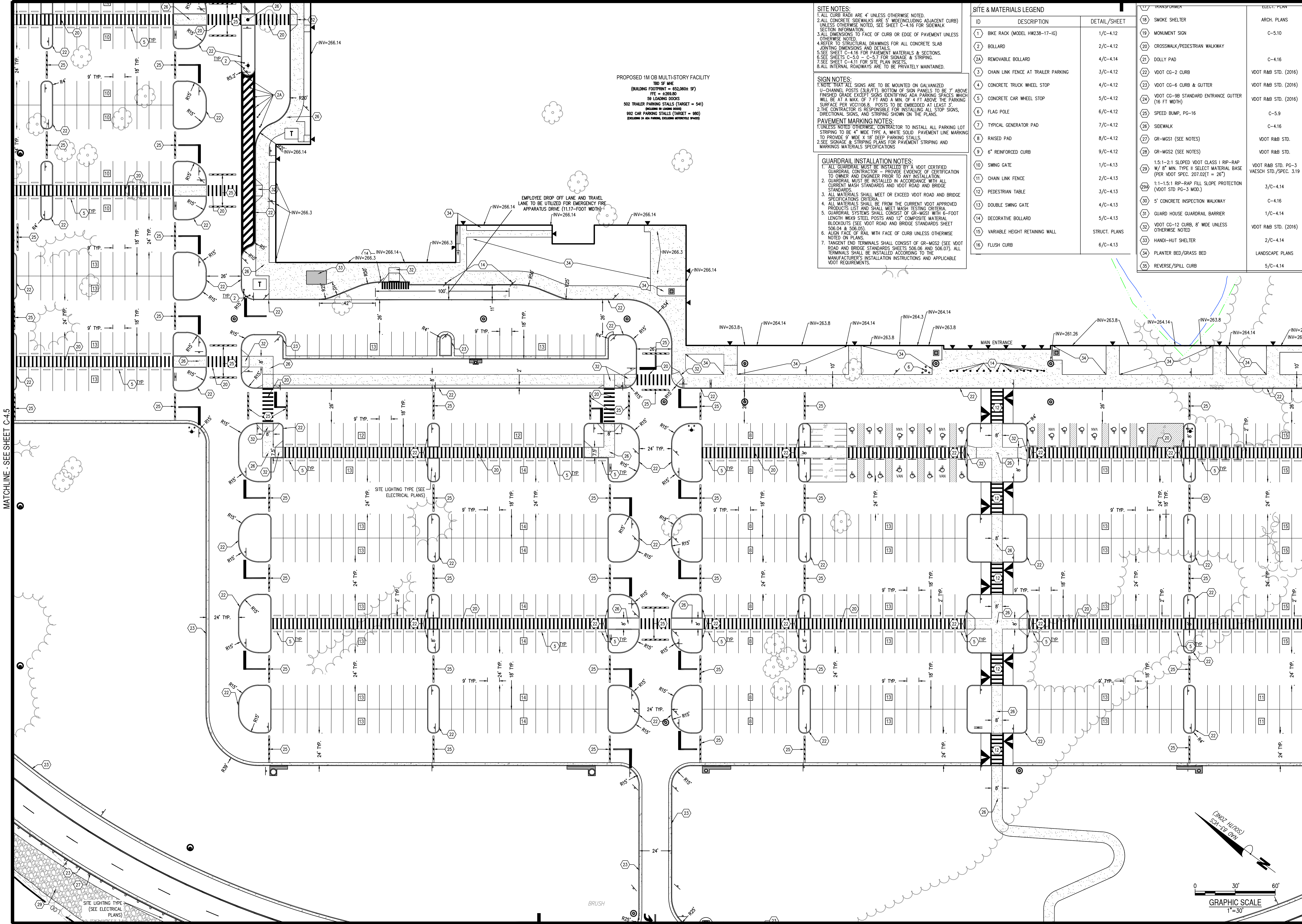
DATE : 11/6/2024

SHEET

DRAWN
HEH/NAD/SS

CHKD
KD

C-4.1



GUARDRAIL INSTALLATION NOTES:

1. ALL GUARDRAIL MUST BE INSTALLED BY A VOT CERTIFIED GUARDRAIL INSTALLER IN ACCORDANCE WITH THE SPECIFICATION TO OWNER AND ENGINEER PRIOR TO ANY INSTALLATION.
2. GUARDRAIL MUST BE INSTALLED IN ACCORDANCE WITH ALL CURRENTLY APPLICABLE STATE AND FEDERAL SAFETY STANDARDS.
3. ALL TERMINALS SHALL MEET OR EXCEED VOT ROAD AND BRIDGE SPECIFICATIONS.
4. ALL MATERIALS SHALL COME FROM THE CURRENT VOT APPROVED SUPPLIER. ALL SHALL MEET MEET ALL LISTING CRITERIA.
5. GUARDRAIL SYSTEMS SHALL CONSIST OF GR-MCS1 WITH 6-FOOT POSTS AND 4' TALL POST TO POST SPACING. SEE VOT ROAD BLOCKOUTS (SEE VOT ROAD AND BRIDGE STANDARDS SHEET 506.04 & 506.05).
6. ALL GUARDRAIL SHALL BE INSTALLED WITH FACE OF CURB UNLESS OTHERWISE NOTED ON PLANS.
7. TAPERED END TERMINALS SHALL CONSIST OF GR-MCS2 (SEE VOT ROAD AND BRIDGE STANDARDS SHEETS 506.06 AND 506.07). ALL TERMINALS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND APPLICABLE VOT REQUIREMENTS.

TBD SF MHE
 BUILDING FOOTPRINT = 652,060± SF)
 FFE = ±269.80
 59 LOADING DOCKS
 TRUCK PARKING STALLS (TARGET = 541)
 (INCLUDING 59 LOADING DOCKS)

EMPLOYEE DROP OFF LANE AND TRAVEL
LANE TO BE UTILIZED FOR EMERGENCY FIRE
APPARATUS DRIVE (11-FOOT WIDTH)

30' DOMINION VA POWER EASEMENT ALONG EXISTING POWER LINE

EV CHARGING EQUIPMENT (SEE ELECTRICAL PLANS)

FIRE TANK & PUMP HOUSE (SEE PLANS BY OTHERS)
TANK FEE TO BE SET BY TANK DESIGNER

PROVIDE 10' X 5' CONCRETE PAD IF SHOWN ON FIRE PROTECTION DRAWINGS

WET POND "B" LEVEL 1 DESIGN

EXISTING JURISDICTIONAL WETLAND/POND TO REMAIN AND BE PROTECTED UNTIL SITE IS FULLY STABILIZED.
PERMITTED IMPACTS TO POND ARE STRICTLY LIMITED TO THOSE SHOWN ON IMPACT B EXHIBIT SHEET C-0.6

SEE NOTES ON SHEET C-0.1 FOR COUNTY FIRE ACCESS AT GATES

SITE LIGHTING TYPE (SEE ELECTRICAL PLANS)

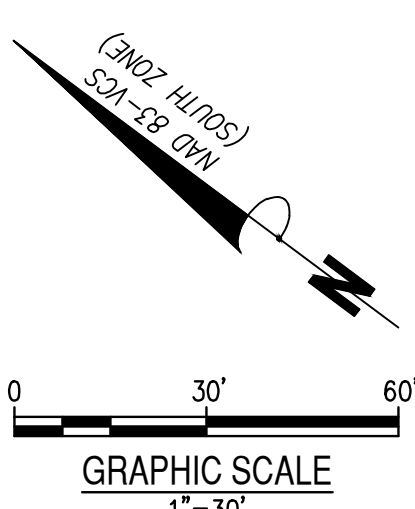
N/F
FRUIT, RICHARD I. FAMILY PROPERTY, LLC.
TAX MAP #: 47-1-0-104-0
GPIN: 7727-35-3830
ZONED: M2

ID	DESCRIPTION	DETAIL/SHEET
1	BIKE RACK (MODEL HW238-17-IG)	1/C-4.12
2	BOLLARD	2/C-4.12
2A	REMOVABLE BOLLARD	4/C-4.14
3	CHAIN LINK FENCE AT TRAILER PARKING	3/C-4.12
4	CONCRETE TRUCK WHEEL STOP	4/C-4.12
5	CONCRETE CAR WHEEL STOP	5/C-4.12
6	FLAG POLE	6/C-4.12
7	TYPICAL GENERATOR PAD	7/C-4.12
8	RAISED PAD	8/C-4.12
9	6" REINFORCED CURB	9/C-4.12
10	SWING GATE	1/C-4.13
11	CHAIN LINK FENCE	2/C-4.13
12	PEDESTRIAN TABLE	3/C-4.13
13	DOUBLE SWING GATE	4/C-4.13
14	DECORATIVE BOLLARD	5/C-4.13
15	VARIABLE HEIGHT RETAINING WALL	STRUCT. PLANS
16	FLUSH CURB	6/C-4.13
17	TRANSFORMER	ELECT. PLAN
18	SMOKE SHELTER	ARCH. PLANS
19	MONUMENT SIGN	C-5.10
20	CROSSWALK/PEDESTRIAN WALKWAY	
21	DOLLY PAD	C-4.16
22	VDOT CG-2 CURB	VDOT R&B STD. (2016)
23	VDOT CG-6 CURB & GUTTER	VDOT R&B STD. (2016)
24	VDOT CG-9B STANDARD ENTRANCE GUTTER (16 FT WIDTH)	VDOT R&B STD. (2016)
25	SPEED BUMPS, PG-16	C-5.9
26	SIDEWALK	C-4.16
27	GR-MGS1 (SEE NOTES)	VDOT R&B STD.
28	GR-MGS2 (SEE NOTES)	VDOT R&B STD.
29	1.5:1-2:1 SLOPED VDOT CLASS II RIP-RAP W/ 8" MIN. TYPE II SELECT MATERIAL BASE (PER VDOT SPEC. 207.02(T = 26"))	VDOT R&B STD. PG-3 VAESCH STD./SPEC. 3.19
29A	1:1-1.5:1 RIP-RAP FILL SLOPE PROTECTION (VDOT STD PG-3 MOD.)	3/C-4.14
30	5' CONCRETE INSPECTION WALKWAY	C-4.16
31	GUARD HOUSE GUARDRAIL BARRIER	1/C-4.14
32	VDOT CG-12 CURB, 8" WIDE UNLESS OTHERWISE NOTED	VDOT R&B STD. (2016)
33	HANDI-HUT SHELTER	2/C-4.14
34	PLANTER BED/GRASS BED	LANDSCAPE PLANS
35	REVERSE/SPILL CURB	5/C-4.14

(30x24 IN) SCALE
GRAPHIC SCALE
1"=30'

SITE & MATERIALS LEGEND		
ID	DESCRIPTION	DETAIL/SHEET
1	BIKE RACK (MODEL HW238-17-1G)	1/C-4.12
2	BOLLARD	2/C-4.12
2A	REMOVABLE BOLLARD	4/C-4.14
3	CHAIN LINK FENCE AT TRAILER PARKING	3/C-4.12
4	CONCRETE TRUCK WHEEL STOP	4/C-4.12
5	CONCRETE CAR WHEEL STOP	5/C-4.12
6	FLAG POLE	6/C-4.12
7	TYPICAL GENERATOR PAD	7/C-4.12
8	RAISED PAD	8/C-4.12
9	6" REINFORCED CURB	9/C-4.12
10	SWING GATE	1/C-4.13
11	CHAIN LINK FENCE	2/C-4.13
12	PEDESTRIAN TABLE	3/C-4.13
13	DOUBLE SWING GATE	4/C-4.13
14	DECORATIVE BOLLARD	5/C-4.13
15	VARIABLE HEIGHT RETAINING WALL	STRUCT. PLANS
16	FLUSH CURB	6/C-4.13

17	TRANSFORMER	ELECT. PLAN
18	SMOKE SHELTER	ARCH. PLANS
19	MONUMENT SIGN	C-5.10
20	CROSSWALK/PEDESTRIAN WALKWAY	
21	DOLLY PAD	C-4.16
22	VDOT CG-2 CURB	VDOT R&B STD. (2016)
23	VDOT CG-6 CURB & GUTTER	VDOT R&B STD. (2016)
24	VDOT CG-99 STANDARD ENTRANCE GUTTER (16 FT WIDTH)	VDOT R&B STD. (2016)
25	SPEED BUMP, PG-16	C-5.9
26	SIDEWALK	C-4.16
27	GR-MGS1 (SEE NOTES)	VDOT R&B STD.
28	GR-MGS2 (SEE NOTES)	VDOT R&B STD.
29	1.5:1-2:1 SLOPED VDOT CLASS I RIP-RAP W/ 8" MIN. TYPE II SELECT MATERIAL BASE (PER VDOT SPEC. 207.02(T = 26"))	VDOT R&B STD, PG-3 VAESOC STD./SPEC. 3.19
29A	1:1-1.5:1 RIP-RAP FILL SLOPE PROTECTION (VDOT STD PG-3 MOD.)	3/C-4.14
30	5' CONCRETE INSPECTION WALKWAY	C-4.16
31	GUARD HOUSE GUARDRAIL BARRIER	1/C-4.14
32	VDOT CG-12 CURB, 8" WIDE UNLESS OTHERWISE NOTED	VDOT R&B STD. (2016)
33	HANDI-HUT SHELTER	2/C-4.14
34	PLANTER BED/GRASS BED	LANDSCAPE PLANS
35	REVERSE/SPILL CURB	5/C-4.14



CONSTRUCTION REVISION SUMMARY

NO.	DATE	DESCRIPTION

DESIGN
 BOWMAN

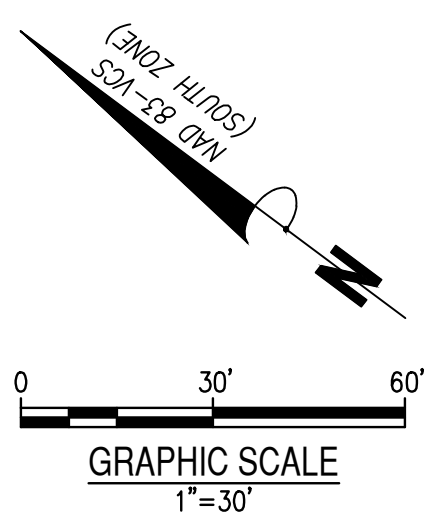
DRAWN
 HEH/NAD/SS

CHKD
 KD

JOB No. 100372-01-001

DATE : 11/6/2024

SHEET C-47

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DESIGN	DRAWN	CHKD
BOWMAN	HEH/NAD/SS	KD
JOB No.	100372-01-001	
DATE :	11/6/2024	
SHEET	C-4.8	

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