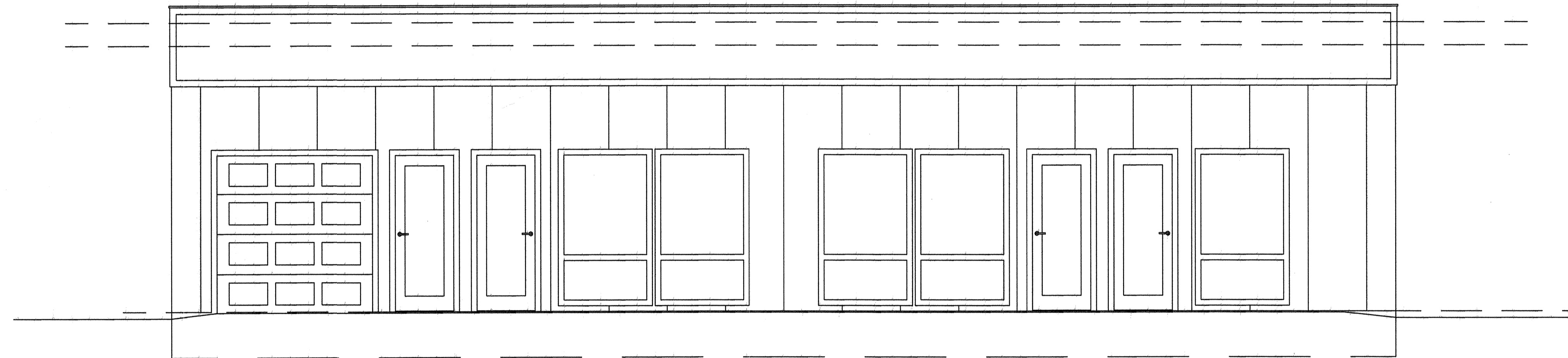


**COVER SHEET
15 PERCHWOOD DRIVE
FREDERICKSBURG VIRGINIA
AUTO SALES PARK**



FRONT ELEVATION

OWNER:
GURIA, LLC
14413 COACHWAY DRIVE
CENTREVILLE VA 20120-1636
PHONE (703) 507-2878

APPLICANT:
GURIA, LLC
14413 COACHWAY DRIVE
CENTREVILLE VA 20120-1636
PHONE (703) 507-2878

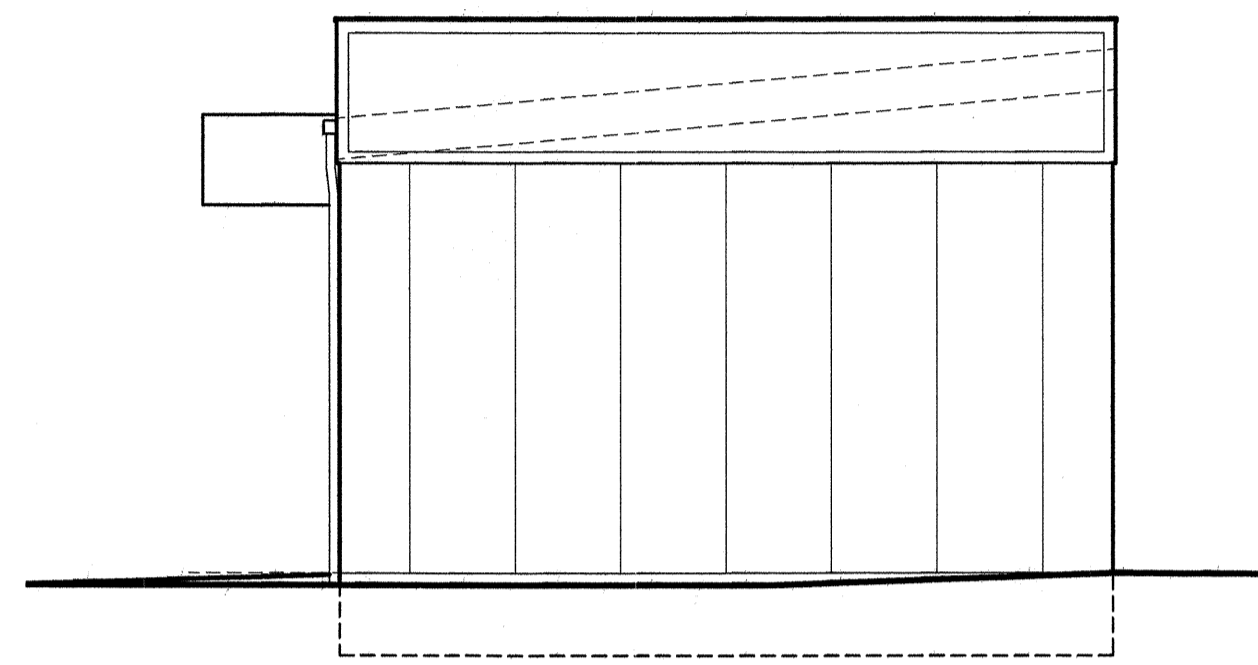
TEAC, LLC.
ENGINEERS . PLANNERS . ARCHITECTS .
LANDSCAPE ARCHITECTS . SURVEYORS
8200 GREENSBORO DRIVE, SUITE 900
MCLEAN, VA 22102 PH: (571) 344-3154

SHEET INDEX

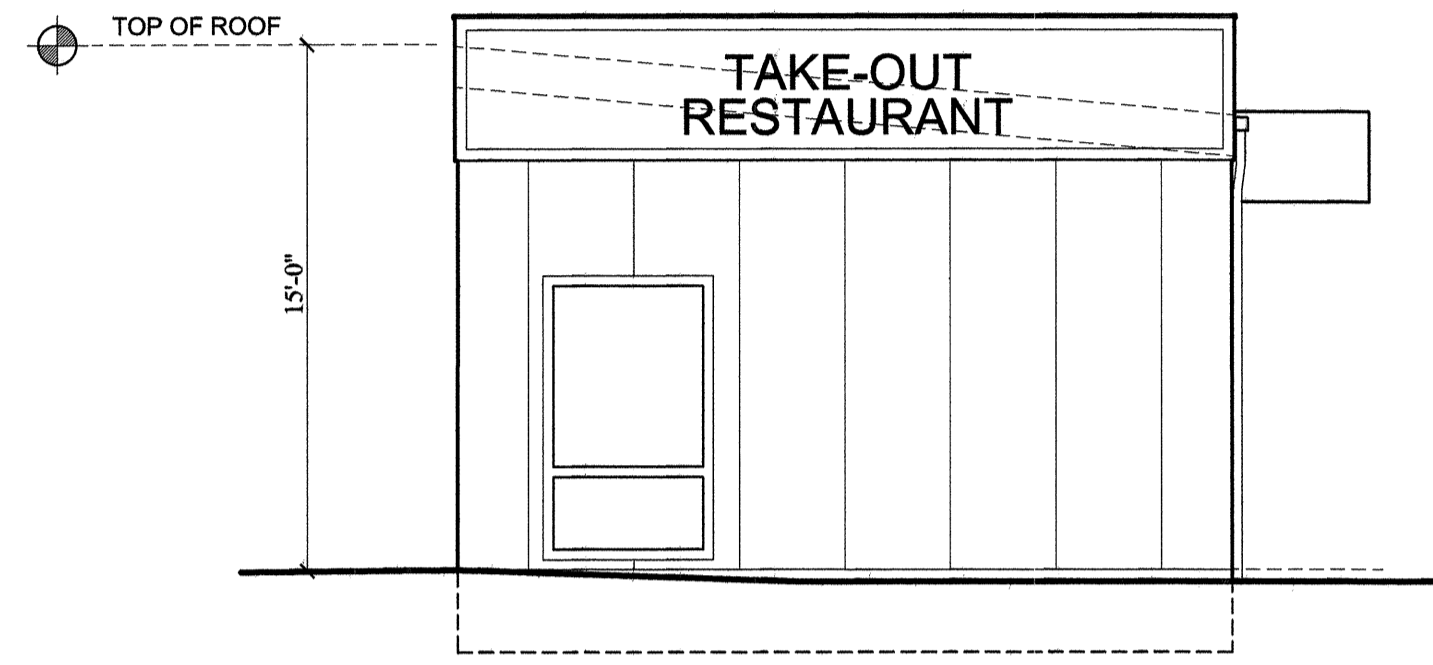
SHEET # DESCRIPTION
A01. COVER SHEET
A02. CONCEPTUAL ARCHITECTURAL PLAN
C01. EXISTING CONDITION
C02. GENERAL DEVELOPMENT PLAN
C03. LIGHTING PLAN
C03A. SITE LIGHTING SPECIFICATIONS
C03B. LIGHTING LEGENDS
C04. LANDSCAPE PLAN
C05. SITE DETAILS

REV	DATE	REVISION

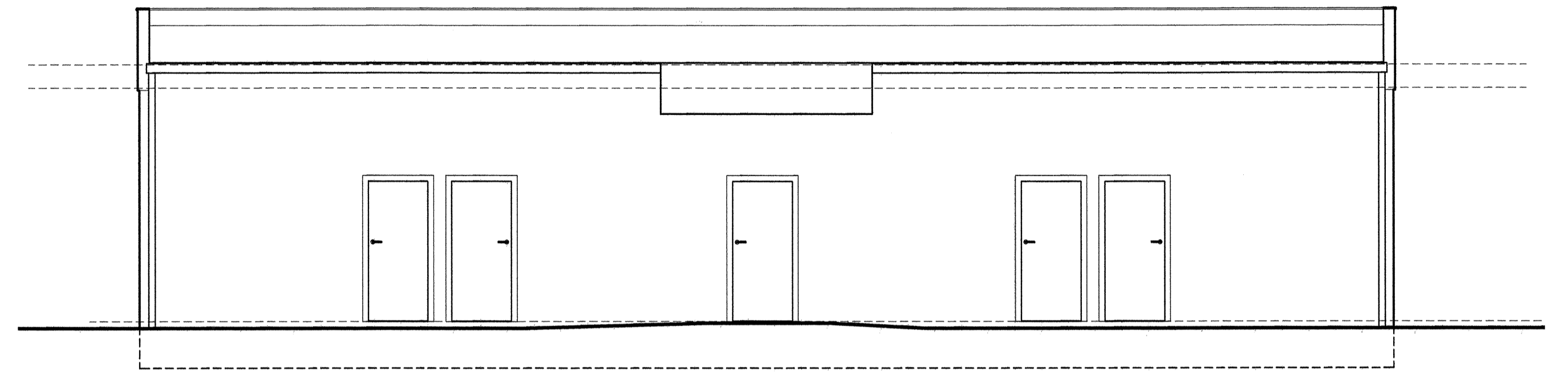
A01



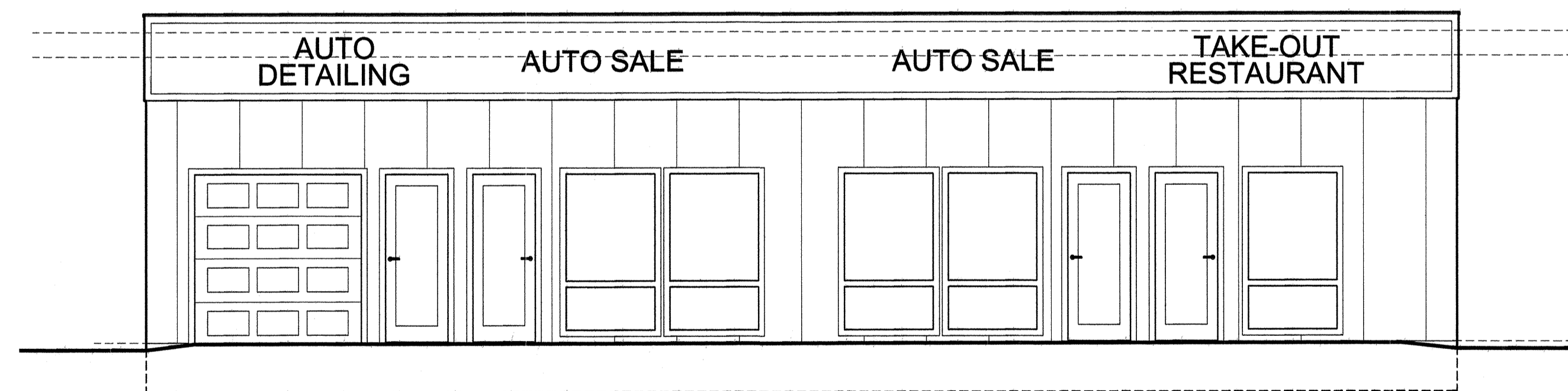
SIDE ELEVATION
SCALE 3/16" = 1'



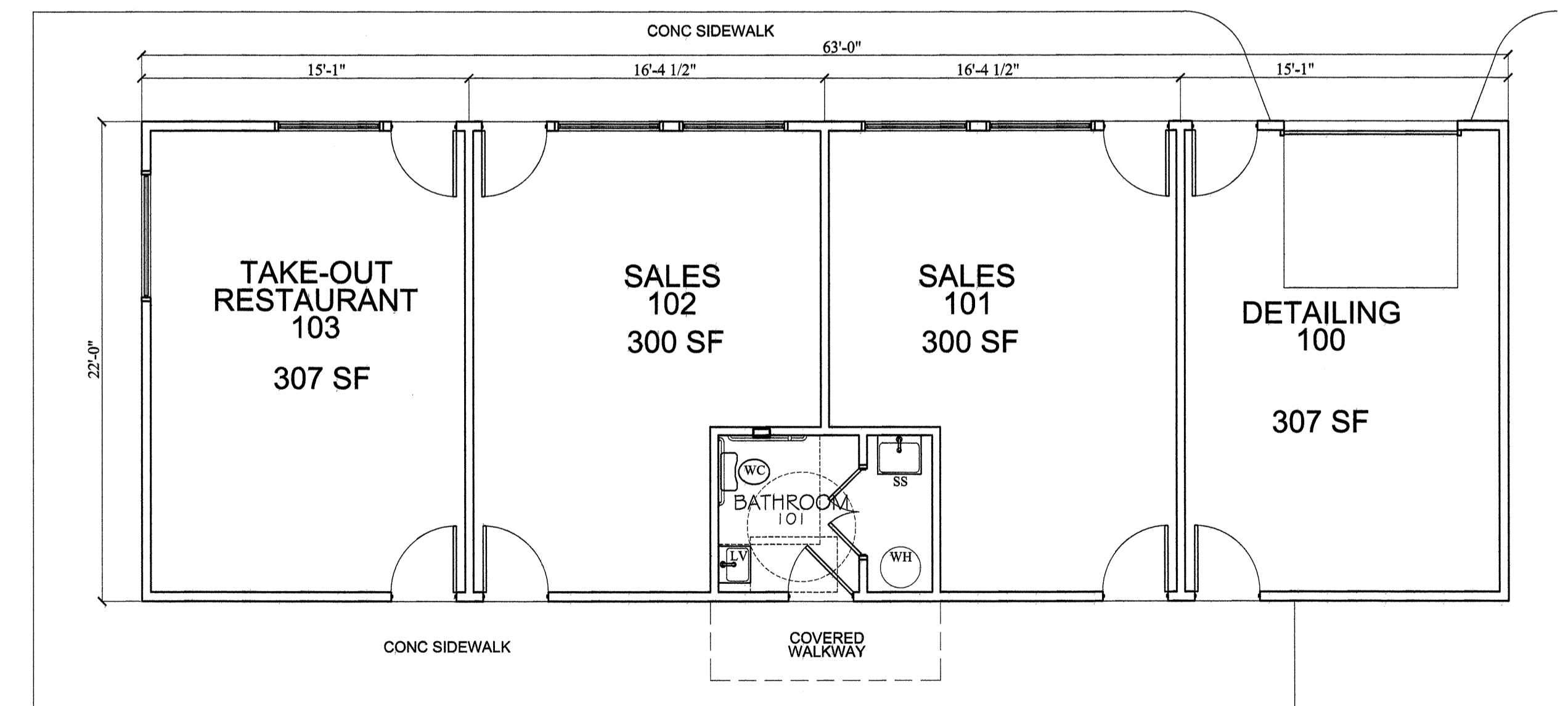
4 SIDE ELEVATION
SCALE 3/16" = 1'



3 REAR ELEVATION
SCALE 3/16" = 1'



2 FRONT ELEVATION
SCALE 3/16" = 1'



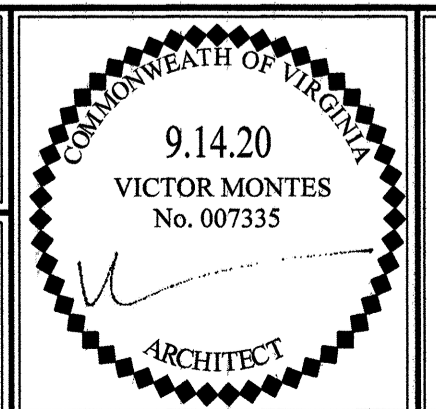
1 FLOOR PLAN
SCALE 1/4" = 1' - 0"

V M ARCHITECTURE, P. L. L. C.
8002 ILIFF DR. DUNN LORING, VA 22027
VMARCHITECTURE.COM 703 868 7677

AUTO SREVICE
15PERCHWOOD LN
STAFFORD COUNTY, VA

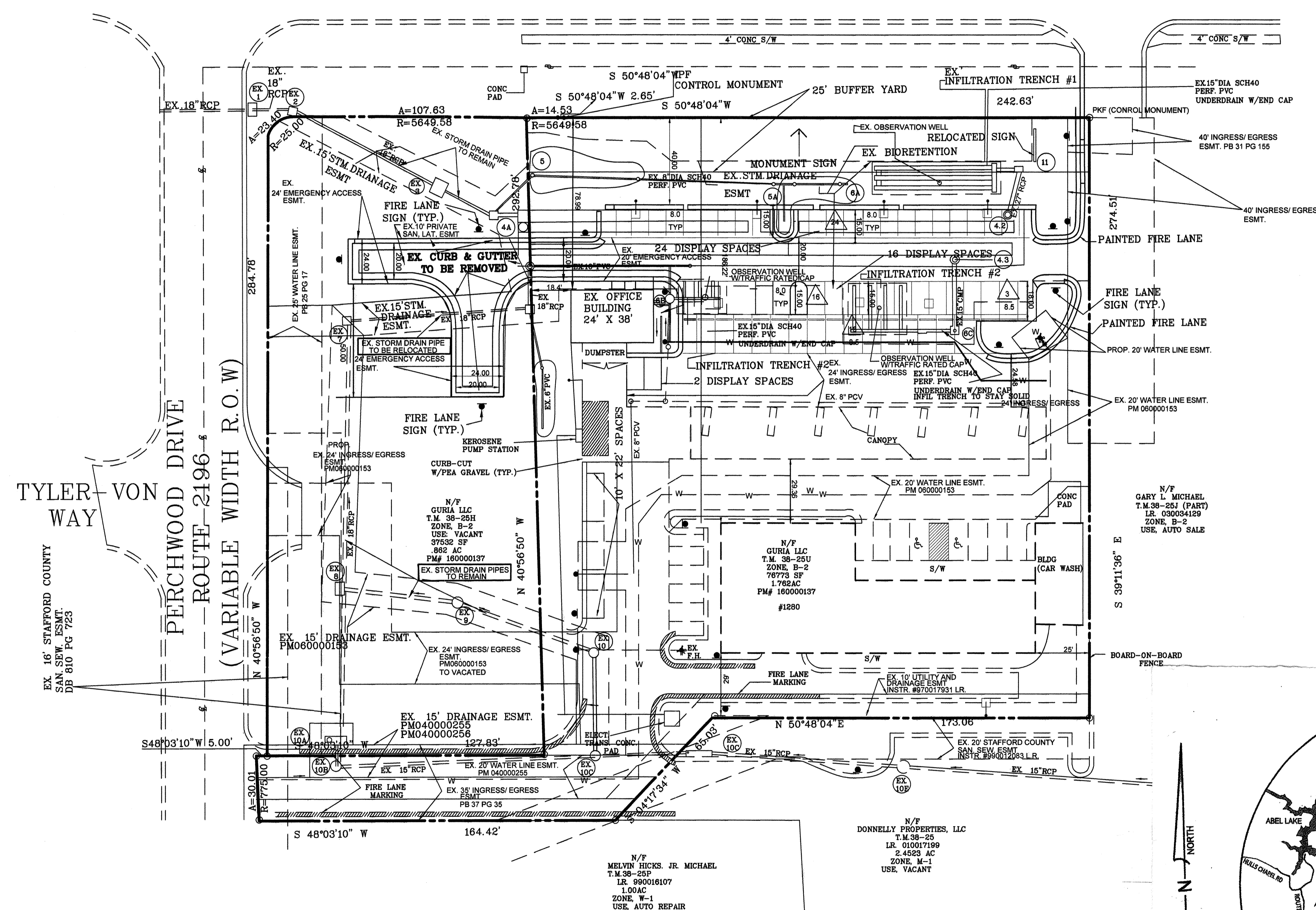
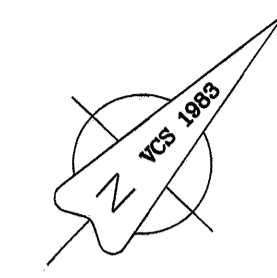
CONCEPTUAL
PLANS
&
ELEVATIONS

DATE	DRAWN BY
9.14.20	VM
JOB NO.	REVISIONS

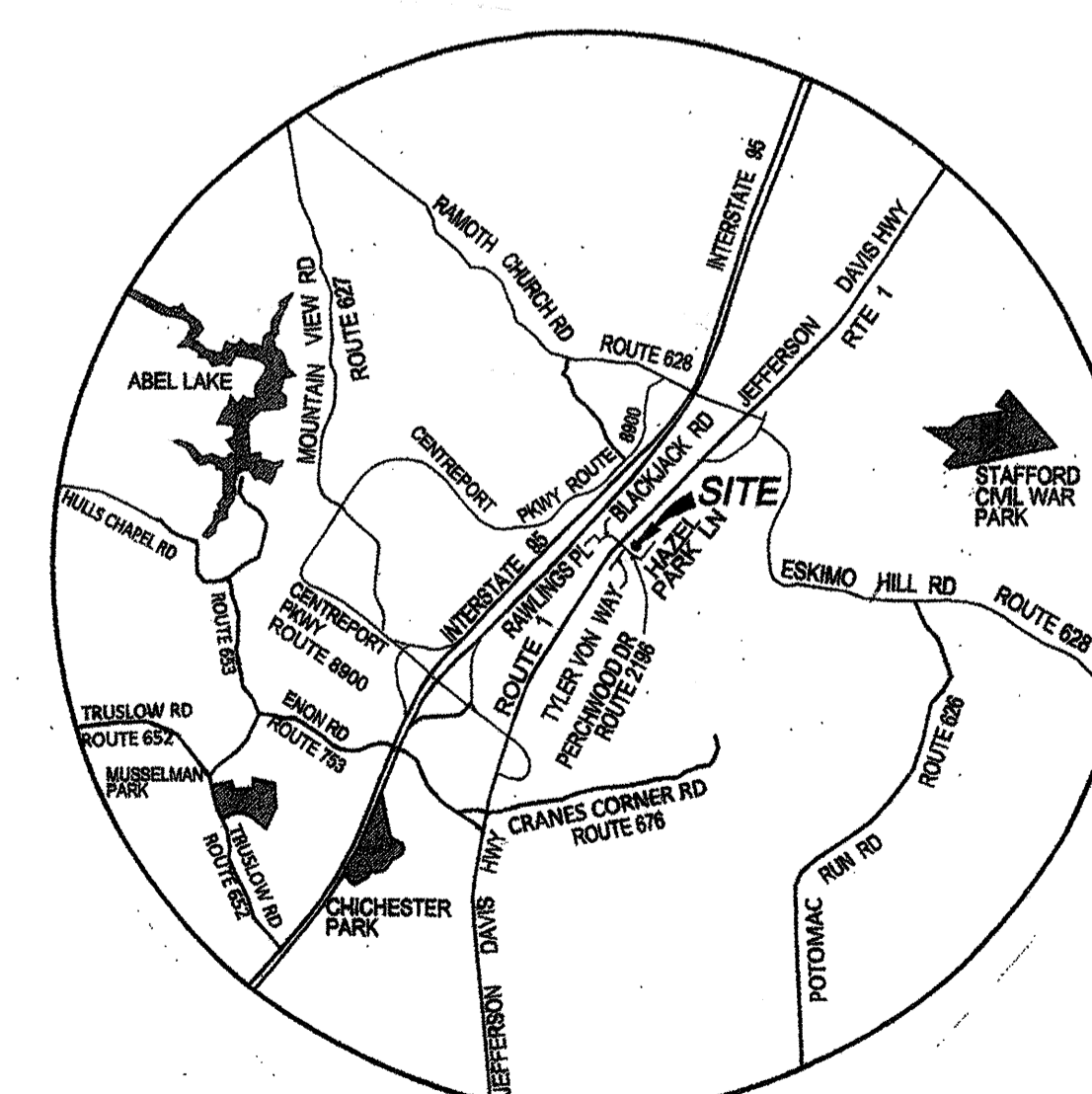


A02

JEFFERSON DAVIS HIGHWAY
ROUTE 1
(VARIABLE WIDTH R.O.W)



TYLER VON WAY
PERCHWOOD DRIVE
ROUTE 2196
(VARIABLE WIDTH R.O.W)



VICINITY MAP
SCALE: 1" = 2000'

EX 16' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

EX 15' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

EX 14' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

EX 13' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

EX 12' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

EX 11' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

EX 10' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

EX 9' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

EX 8' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

EX 7' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

EX 6' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

EX 5' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

EX 4' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

EX 3' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

EX 2' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

EX 1' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

EX 0' STAFFORD COUNTY
SAN SEW. ESMT.
DB 810 PG 723

N/F
MELVIN HICKS, JR. MICHAEL
T.M. 38-25P
LR. 990016107
1.00AC
ZONE. W-1
USE. AUTO REPAIR

N/F
DONNELLY PROPERTIES, LLC
T.M. 38-25
LR. 010017199
2.4523 AC
ZONE. M-1
USE. VACANT

N/F
GARY L. MICHAEL
T.M. 38-251 (PART)
LR. 030034128
ZONE. B-2
USE. AUTO SALE

N/F
GURIA LLC
T.M. 38-25H
ZONE. B-2
USE. VACANT
37632 SF
.862 AC
PM# 160000137

N/F
GURIA LLC
T.M. 38-25U
ZONE. B-2
76773 SF
1.782 AC
PM# 160000137

EX 15' DRAINAGE ESMT.
PM040000255
127.83'

EX 24' INGRESS/EGRESS
ESMT.
PM060000153
TO VACATED

EX 24' INGRESS/EGRESS
ESMT.
PM060000153

EX 24' INGRESS/EGRESS
ESMT.
PM060000153

EX 24' INGRESS/EGRESS
ESMT.
PM060000153

EX 24' INGRESS/EGRESS
ESMT.
PM060000153

EX 24' INGRESS/EGRESS
ESMT.
PM060000153

EX 24' INGRESS/EGRESS
ESMT.
PM060000153

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ESMT.
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EX 24' INGRESS/EGRESS
ESMT.
PM060000153

EX 24' INGRESS/EGRESS
ESMT.
PM060000153

EX 24' INGRESS/EGRESS
ESMT.
PM060000153

EX 24' INGRESS/EGRESS
ESMT.
PM060000153

TEAC, LLC.
TYSONS ENGINEERING AND ARCHITECTURAL CONSULTANTS
ENGINEERS · PLANNERS · ARCHITECTS ·
LANDSCAPE ARCHITECTS · SURVEYORS
8201 GREENSBORO DRIVE, SUITE 300
MCLEAN, VA 22102 TEL: (571) 344-3154
EMAIL: H.TYSONENGINEERING@gmail.com

NO.	REVISION	DATE

EXISTING CONDITION PLAN
15' PERCHWOOD DRIVE AUTO SALES PARK
38 PARCEL 25H
AQUA MAGISTRAL DISTRICT STAFFORD, VIRGINIA

PROFESSIONAL SEAL
COMMUNITY OF VIRGINIA
H. T. MICHAEL
H. T. MICHAEL
Lic. No. 02237
9/1/10
PROFESSIONAL ENGINEER

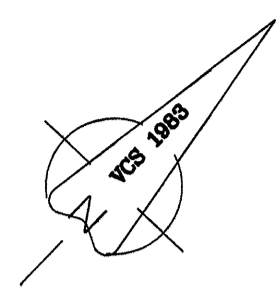
RPC#
PREPARED BY: C.E.
CHECKED BY: H.T., PE
DATE: 08/02/20
SCALE: 1" = 30'
PROJECT#
SHEET# C01

N/F
1243 JEFFERSON DAVIS HIGHWAY
HOSSAINKHALI ABDULADELA
HOSSAINKHALI ABDUL & ADELA

T.M.38-28
3.93 AC
ZONE M-1
USE, RESTURANT

N/F
18 BLACKJACK ROAD
DLTT HOLDINGS,LLC
T.M.30C3
5.25 AC
ZONE M-1 (LIGHT INDUSTRIAL)
USE, WAREHOUSE (GENERAL)

JEFFERSON DAVIS HIGHWAY
ROUTE 1
(VARIABLE WIDTH R.O.W)



GENERAL NOTES:

- 1.SITE AREA: 37,562 SF (0.862 ACRES)
- 2.DISTURBED AREA: 0.66 ACRES
- 3.OWNER:
- 4.BOUNDARY IS TAKEN FROM THE EXISTING RECORDS
- 5.TAX MAP : 38-25H
- 6.ZONE:B-2 USE: USED CAR SALES
MIN. LOT AREA: N/A
6.GROSS SF OF BUILDINGS: 1200 SF (ONE STORY)

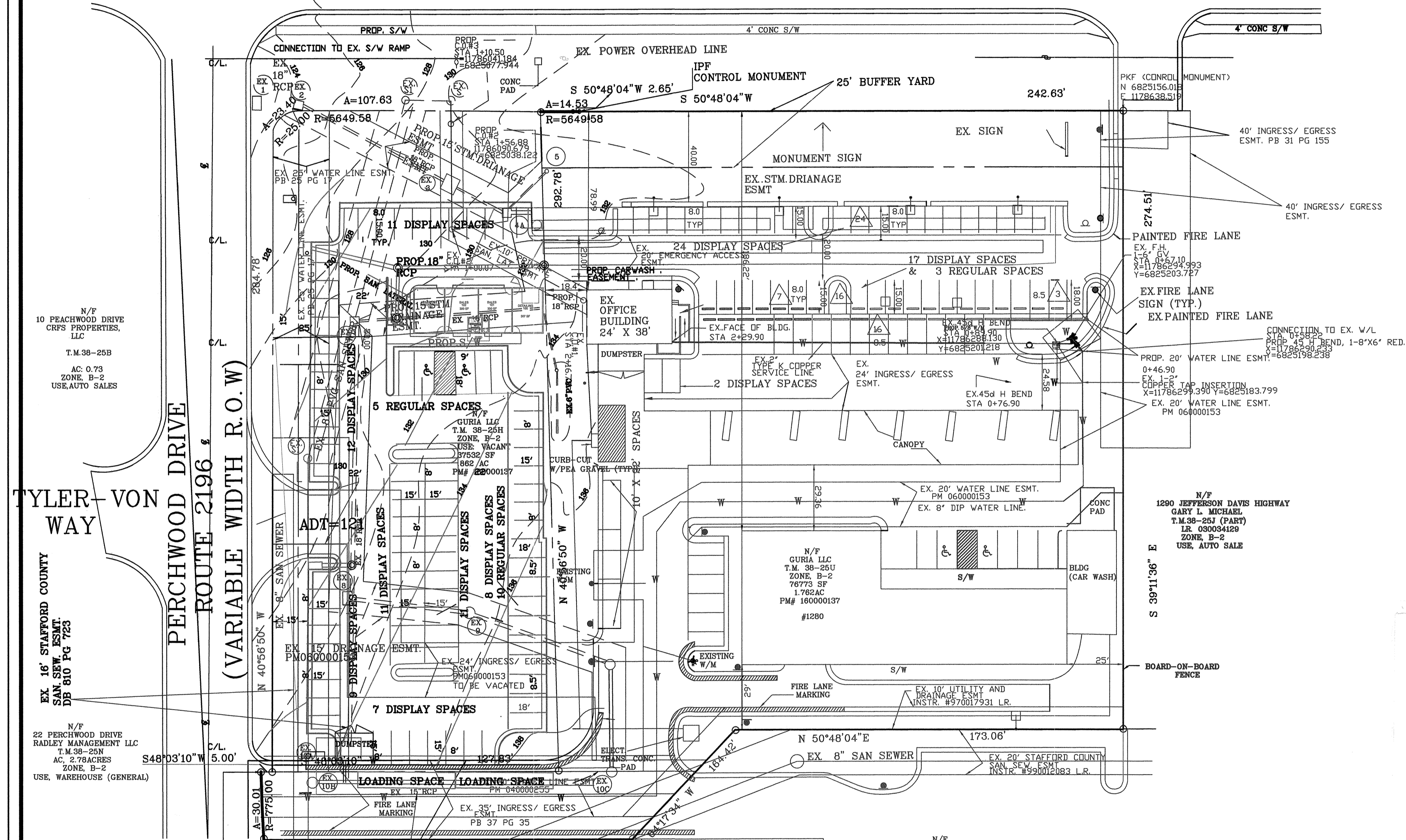
- 7.MAX BLDG. HEIGHT: 65'
- 8.OPEN SPACE RATIO REQUIRED: 25%
9. OPEN SPACE PROVIDED: 25%
10. MIN. YARD REQUIREMENTS:
FRONT 40'
SIDE 0'
REAR: 25'
11. PARKING SPACES:
PROVIDED: 85
REGULAR SPACES: 14(OFFICE & RESTURANT TAKEOUT)
HANDICAP SPACE: 2:
LOADING SPACE: 2 (LOCATED @ DRIVEWAY ENTRANCE FROM PERCHWOOD DRIVE. AS SHOWN)

SWM NARRATIVE:

THE TOTAL DISTURBED AREA AS A RESULT OF PROP.DEVELOPMENT WILL BE 0.66 ACRES LESS THAN I ACRE. ACCORDING TO THE VIRGINIA SWM ACT . 62.1-44:15.34 PARAGRAPH #4, THE SUBJECT PROPERTY IS EXEMPTED FROM SWM REQUIREMENTS DUE TO THE DISTURBED AREA LESS THAN ONE ACRE.

VIRGINIA SWM ACT 62.1-44:15-34, PARAGRAPH 4 :

4. Land-disturbing activities that disturb less than one acre of land area except for land-disturbing activity exceeding an area of 2,500 square feet in all areas of the jurisdictions designated as subject to the Chesapeake Bay Preservation Area Designation and Management Regulations adopted pursuant to the provisions of the Chesapeake Bay Preservation Act (§ 62.1-44.15:67 et seq.) or activities that are part of a larger common plan of development or sale that is one acre or greater of disturbance; however, the governing body of any locality that administers a VSMP may reduce this exception to a smaller area of disturbed land or qualify the conditions under which this exception shall apply;



N/F
10 PEACHTREE DRIVE
CRFS PROPERTIES, LLC
T.M.38-25B
AC. 0.73
ZONE, B-2
USE, AUTO SALES

N/F
EX. 16' STAFFORD COUNTY
SAN. SEW. ESMT.
DB 810 PG 723

N/F
22 PERCHWOOD DRIVE
RADLEY MANAGEMENT LLC
T.M.38-25N
AC. 2.78 ACRES
ZONE, B-2
USE, WAREHOUSE (GENERAL)

PERCHWOOD DRIVE
ROUTE 2196
(VARIABLE WIDTH R.O.W)

N 6824683.619
E 11786274.755

S 48°03'10" W 5.00'

N 40°56'50" W

S 48°03'10" W 164.42'

EX. 15' DRAINAGE ESMT.
PM040000255
PM040000256

N/F
31 PERCHWOOD DRIVE
MELVIN HICKS, JR. MICHAEL
T.M.38-25P
LR. 090016107
1.00AC
ZONE, W-1
USE, AUTO REPAIR

N/F
21 PERCHWOOD DRIVE
DONNELLY PROPERTIES, LLC
T.M.38-25
LR. 01007199
2.4523 AC
ZONE, M-1
USE, VACANT

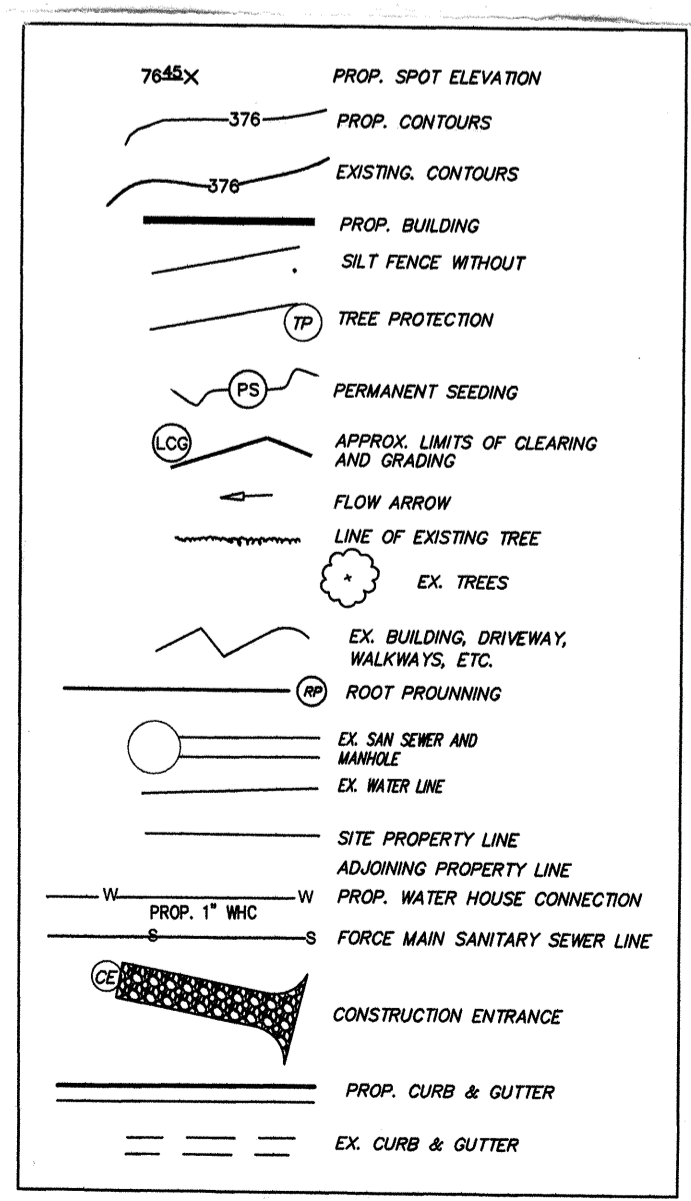
N/F
GURIA LLC
T.M. 38-25H
ZONE, B-2
76773 SF
1.762AC
PM# 160000137
#1280

N/F
1200 JEFFERSON DAVIS HIGHWAY
GARY L MICHAEL
T.M.38-25J (PART)
LR. 030034129
ZONE, B-2
USE, AUTO SALE

N 39°11'36" E

SCALE 1" = 30'

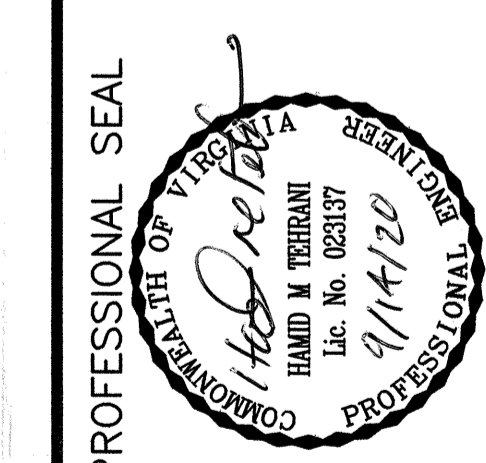
SIGNAGE REQUIREMENTS:
THERE IS AN EXISTING MONUMENT SIGN ON THE PROPERTY
NO ADDITIONAL SITE MONUMENT SIGN WILL BE REQUIRED FOR
THE PROPOSED DEVELOPMENT.



TEAC, LLC.
TYSONS ENGINEERING AND ARCHITECTURAL CONSULTANTS
ENGINEERS - PLANNERS - ARCHITECTS -
LANDSCAPE ARCHITECTS - SURVEYORS
8201 GREENSBORO DRIVE, SUITE 300
MCLEAN, VA 22102 TEL: (571) 344-3154
EMAIL: H.TYSONSENINEERING@gmail.com

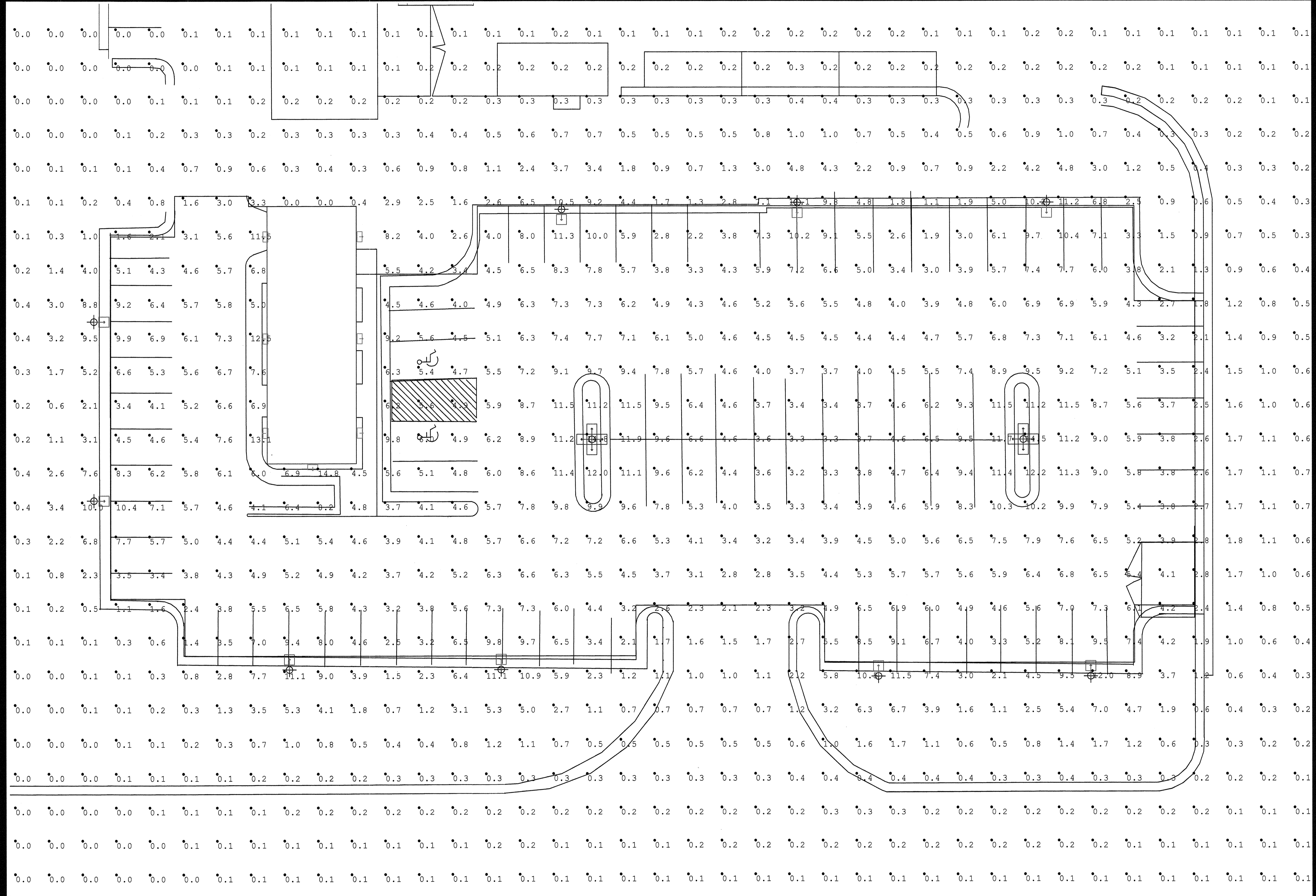
MACHANICAL	NO.	REVISION	DATE

SITELAYOUT/GRADING PLAN
PERCHWOOD AUTO SALE PARK
GENERAL DEVELOPMENT PLAN
38 PARCEL 25H
FREDRICKSBURG VIRGINIA



RPC#
PREPARED BY: C.E.
CHECKED BY: H.T., PE
DATE: 8-25-20
SCALE: 1" = 30'
PROJECT#
SHEET# C02

Perchwood Auto Sale Park



**Parking Lot
957689**

Drawn By: SS
 Checked By: SS
 Scale: 1"=30'
 Date: 8/28/2020

Notes:
 28' Mounting Height
 160W Shoebox
 40W Wallpacks

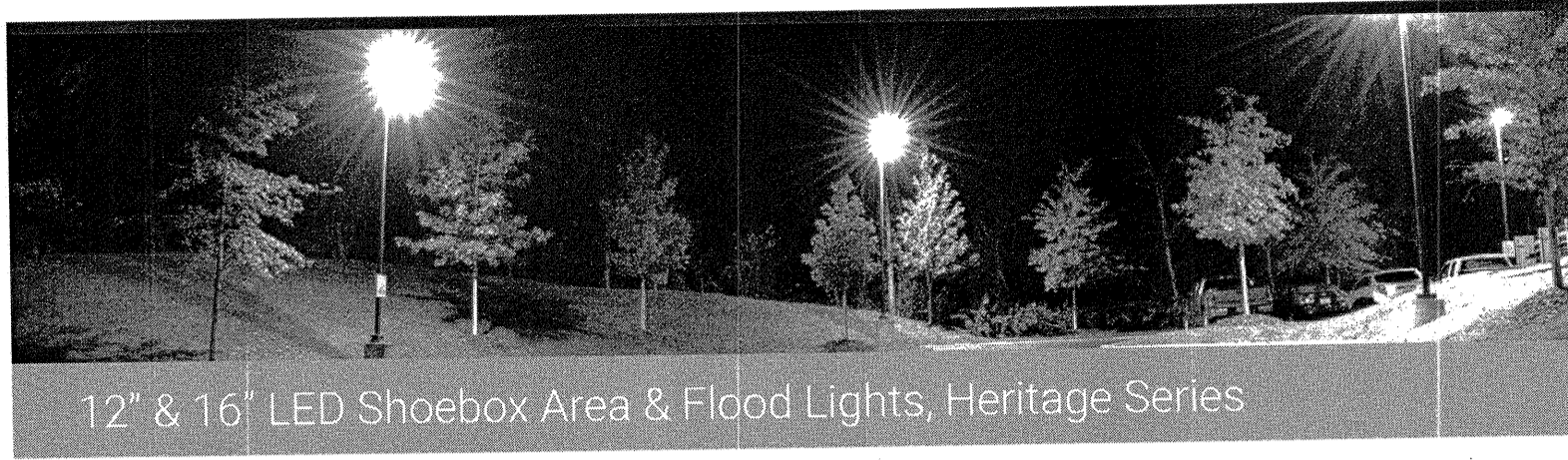
Scale: 1 inch = 30 Ft.

*Luminaire testing data is based on Illuminating Engineering Society (IES) standards under simulated and laboratory conditions. This design is based on information supplied by others, and individual field measurements may vary from computer-simulated calculations due to variables like (but not limited to) variation in electrical voltage, environmental conditions and other variable field characteristics. Typical field foot candle measurements may vary +/- 10%. For sports lighting, field measurements should be taken in accordance with IESNA RP-6-15. Conformance to facility and local codes is the responsibility of the owner and their representatives. This layout may not meet CA Title 24 and/or other local energy codes. If specific compliance is required, those details must be provided to your factory design representative.

**Satisfactory performance and safe use of LED sports lighting fixtures is dependent upon light poles, brackets, anchorage and other structural components being of adequate design and condition. The total combined Effective Projected Area (EPA) and weight of all fixtures, brackets and attachments mounting to a light pole cannot exceed the EPA and weight rating for a specified pole. For sports lighting retrofit applications, it is the customer's responsibility to have a qualified inspector and/or engineer confirm the structural adequacy of the existing light poles assemblies. We are happy to quote new light poles and brackets if you have concerns about your existing materials.



Project Name _____ Fixture Type _____
 Catalog # _____



12" & 16" LED Shoebox Area & Flood Lights, Heritage Series

Advanced light engine technology in a traditional housing design. Wisconsin engineering and craftsmanship utilizing premium components.

Our LED lights, light poles and brackets are proudly engineered and manufactured in the USA. We use only the highest quality components, and our LED Shoebox fixtures deliver unmatched light output and efficiency for any area or flood lighting project. Precision engineered for performance and energy savings, these products dramatically reduce energy consumption by up to 80% and virtually eliminate ongoing maintenance expenses for a variety of customers and applications.

Product Overview

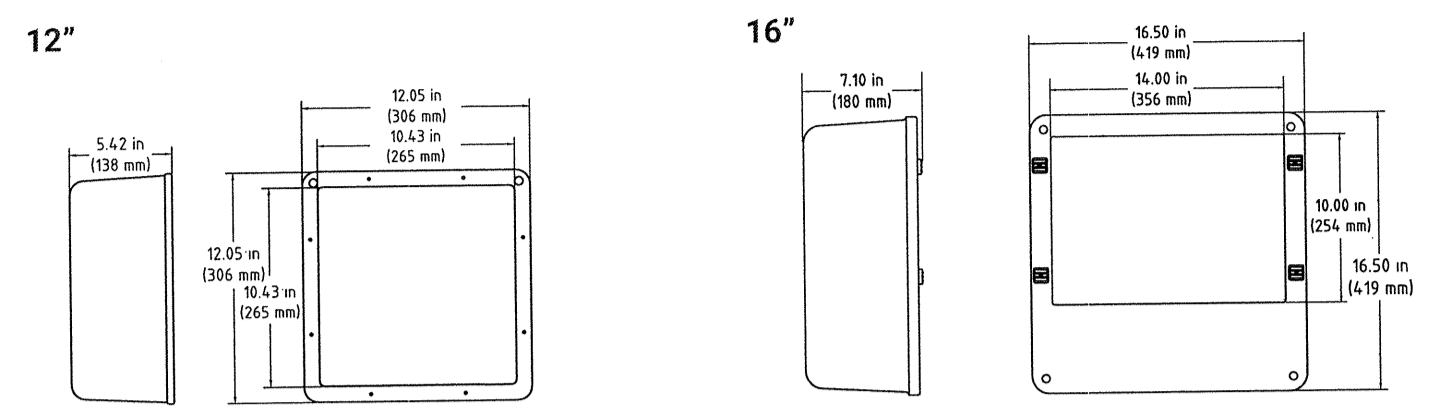
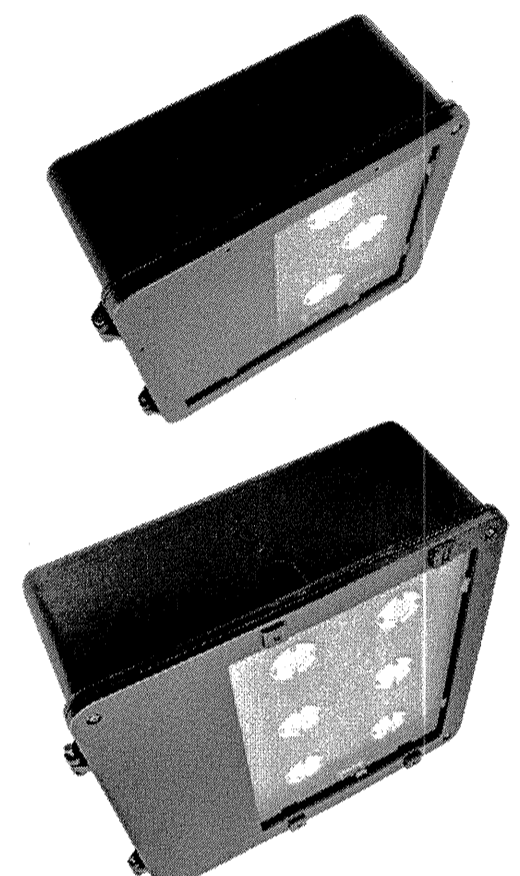
- Highlights:**
- Engineered and manufactured in Wisconsin, USA from domestic and imported components
 - ETL Certified. Conforms to UL STD 1598 & CSA STD C22.2 # 250.0 for wet locations
 - L70 calculated LED life over 270,000+ hours
 - Drivers are 0-10v dimming standard
 - Six light engine options from 5,622 - 31,849 lumens for 75-1000+ HID replacements
 - Premium high-output Chip-On-Board (COB) LEDs in 5000K, 4000K and 3000K options, custom color temps available upon request
 - Minimum CRI of 70, custom CRI available
 - DLC qualified models available. Please refer to www.designlights.org for the most current information.

Common Applications:

- Parking lots, ramps, walkways and roadways
- General area and site lighting
- Car dealerships, schools, hospitals, hotels and gas stations
- Retail stores and commercial buildings
- Sports lighting and ball fields

Light Engine Warranty:

- 5-year standard limited warranty on all light engine components
- Accessories and address covered by separate OEM supplier warranties



Light Engine Specifications (Values Listed for Type V, 5000K)

Base Model	System Watts	LED Watts	HID Replacement	Number of COBs	Drive Current	Nominal Lumens*	Delivered Lumens*	L70 EnergySTAR LED Life†
12-SBHC-40-50-MV-5	40w	30w	75-175w	1	1,050 mA	5,622	4,854	270,000+ Hrs
12-SBHC-80-50-MV-5	79w	59w	125-300w	2	1,050 mA	11,119	10,007	270,000+ Hrs
12-SBHC-120-50-MV-5*	118w	88w	200-400w	3	1,050 mA	16,490	14,841	270,000+ Hrs
16-SBHC-160-50-MV-5*	157w	117w	300-625w	4	1,050 mA	21,735	19,362	270,000+ Hrs
16-SBHC-200-50-MV-5	196w	146w	400-650w	5	1,050 mA	26,855	24,169	270,000+ Hrs
16-SBHC-240-50-MV-5*	235w	175w	750-1000w	6	1,050 mA	31,849	28,664	270,000+ Hrs
Turtle Friendly								
12-SBHC-60-CT-MV-5-AMB	62.4w	56.8w	N/A	3	550 mA	6,950	6,000	N/A

* 120v DLC qualified model in 3000K, 4000K and 5000K - 160w DLC qualified model in MV and HV voltage - 240w DLC qualified model
 † Consult local codes for specific turtle friendly requirements such as shields and visors; other turtle certifications available upon request.

Amperage Load

Wattage	Total Amps Per Fixture						
	110v	120v	208v	220v	240v	277v	347v
40w	0.36A	0.33A	0.19A	0.18A	0.17A	0.14A	0.12A
79w	0.72A	0.66A	0.38A	0.36A	0.33A	0.29A	0.25A
118w	1.07A	0.98A	0.57A	0.54A	0.49A	0.43A	0.36A
157w	1.43A	1.31A	0.75A	0.71A	0.65A	0.57A	0.48A
196w	1.78A	1.63A	0.94A	0.89A	0.82A	0.71A	0.59A
235w	2.14A	1.96A	1.13A	1.07A	0.98A	0.85A	0.70A

Lumen Maintenance Factor (LMF)*

Type	Ambient	Initial LMF	25K Hour Projected LMF	50K Hour Projected LMF	75K Hour Projected LMF	100K Hour Projected LMF
COB	25 °C (77 °F)	100%	95%	92%	89%	87%

1. Considered to be a typical HID equivalent. Specific HID wattage equivalents will depend on things like environmental and application characteristics, distribution type and design criteria.
 2. Considered initial nominal value of the LED light engine as specified by the LED chip manufacturer. Fixture efficacy and lumen output will depend on things like color temperature, distribution type and environmental characteristics.
 3. Considered the typical initial delivered lumens of the LED light engine. Specific lumens for an application will depend on things like color temperature, distribution type and environmental characteristics.
 4. Lumen maintenance values at 25 °C are calculated per TM-21 based on LM-80 data and in-house luminance testing.
 5. In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip.
 6. In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip.
 Note: Additional wattages and configurations available upon request. Specifications are subject to change without notice.

Product Specifications

- Housing Construction, Finish & Mounting:**
- Rugged, die-cast, soft square aluminum housing
 - Impact-resistant, tempered glass lens and durable silicone gasket
 - Durable, multi-layer, polyester powder coat or industrial grade liquid paint
 - Available in a variety of colors such as dark bronze, black, white, light gray, dark green and natural aluminum (custom colors available upon request)
 - 6" pole mount, 10" pole mount, adjustable slipfitter and trunnion yolk brackets available as standard mounting accessories

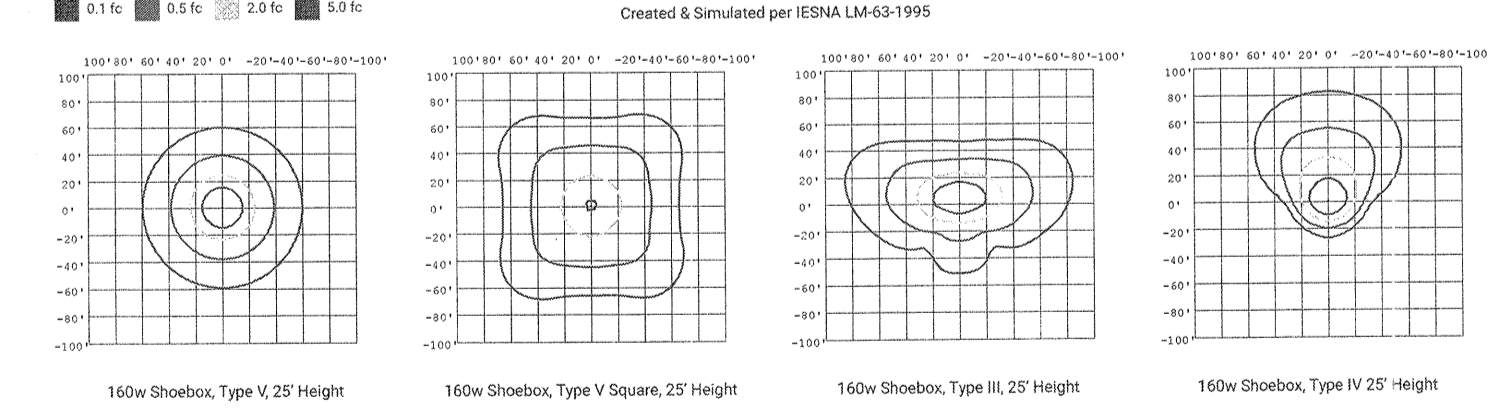
Optics & Lighting Distribution:

- Innovative silicone optics assembly with precision light control and cutoff
- Standard photometric distributions include V-WIDE, 30" NARROW SPOT and 70" MEDIUM SPOT
- No secondary optics used for base model
- IES files, photometric reports and simulations available upon request

Automotive Dealership Optics:

- Left and right optical rotation available for applications like car dealership front lines (optics are not field-rotatable, must be done at factory)
- Delivers enhanced lighting and proper photometric control of auto dealership merchandise
- Allows for simple 2@180 pole mount while rotating forward throw light patterns toward dealership merchandise

LEGEND



Electrical:

- Operating temp: -40 °C to +45 °C
- Standard AC input of 120-277v VAC, up to 480v available
- EMI filter: 47CFR, part 2, part 15
- Power factor: >0.9
- Total harmonic distortion: <20%
- Surge protection: IEC/EN 61000-4-5 EMC test standard
- Licensed electrician required for installation

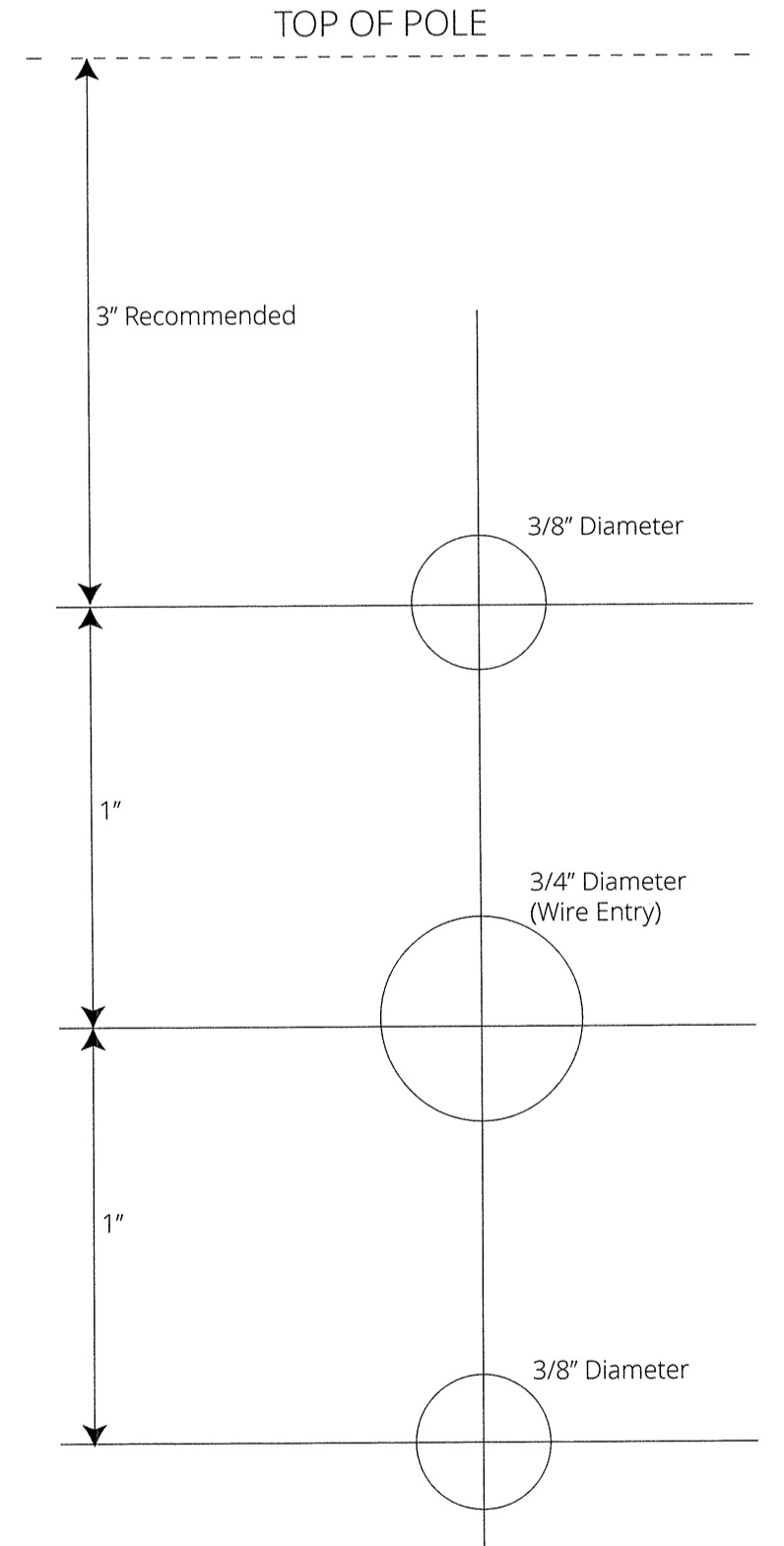
Energy Control Options:

- Daylight harvesting and photo controls
- Motion control and dimming
- Surge protection
- CA Title 24 compliance options available upon request

Effective Projected Area (EPA) & Weight:

- 12" Housing (15 LBS)
- 0.75 EPA at 0°
- 1.3 EPA at 45°
- 16" Housing (25 LBS)
- 1.2 EPA at 0°
- 2.0 EPA at 45°

6" & 10" Arm Drill Pattern for 12" & 16" Shoebox Fixtures



IMPORTANT: DIMENSIONS ARE NOT TO SCALE!

Ordering Information

Designation	Color Temp.	Distribution Type	Color
12-SBHC = 12" Shoebox COB	50 = 5000K	5 = Type V Round	DB = Dark Bronze
16-SBHC = 16" Shoebox COB	40 = 4000K	DW = Type W Square	WH = White
	30 = 3000K	4 = Type IV FWD	SS = Stainless Gray
	CT = Custom	3 = Type III Wide	LG = Light Gray
		2 = Type II Wide	DG = Dark Green
		70 = 70" Medium Spot	NA = Nat. Alum. Paint
		30 = 30" Narrow Spot	SC = Custom Color
		CD = Custom	

Wattage

- 40 = 40 Watt
- 60 = 60 Watt
- 80 = 80 Watt
- 120 = 120 Watt
- 160 = 160 Watt
- 200 = 200 Watt
- 240 = 240 Watt

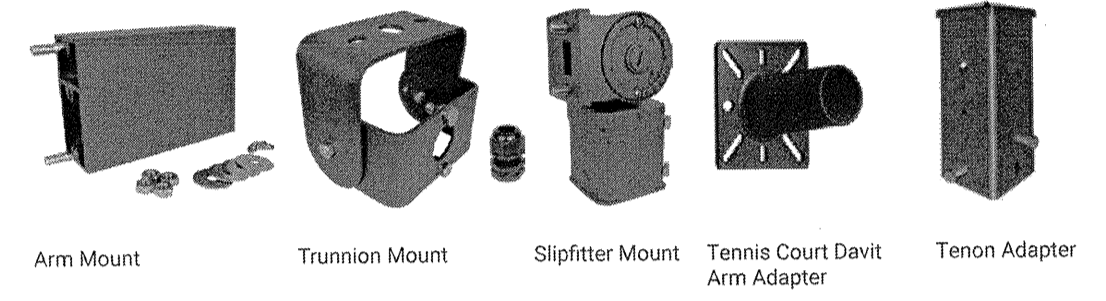
Input Voltage

- MV = 100-277v
- HV = 347-480v
- CV = Custom

Ex. 12-SBHC-120-50-MV-5-DB-6S-BPC1

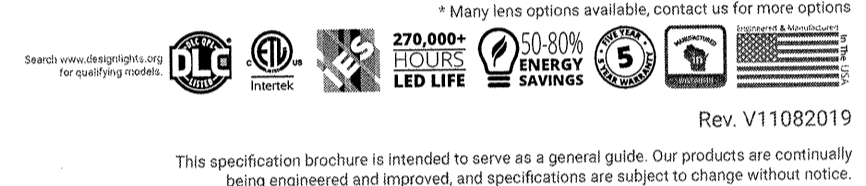
Accessories	
AS	6" Arm (Square Pole)
AR	6" Arm (Round Pole)
MS	10" Arm (Square Pole) For 600° Shoebox Configurations
MS	10" Arm (Round Pole) For 600° Shoebox Configurations
SP	2.38" OD Slipfitter
TS	Trunnion Yolk
TCAA	Tennis Court Deck Arm Adapter For Slipfitter Mount
TA238D1	Drill Single Tenon Adapter For 2.38" OD Existing Tenon (Planned To Match Fixture, Other Sizes Avail)
TA238D2	Drill Split Tenon Adapter For 2.38" OD Existing Tenon (Planned To Match Fixture, Other Sizes Avail)
TA238D4	Drill 4@90 Tenon Adapter For 2.38" OD Existing Tenon (Planned To Match Fixture, Other Sizes Avail)
TA238D5	Drill 2@90 Tenon Adapter For 2.38" OD Existing Tenon (Planned To Match Fixture, Other Sizes Avail)
TA238D6	Drill 8@90 Tenon Adapter For 2.38" OD Existing Tenon (Planned To Match Fixture, Other Sizes Avail)
Mounting	
WG12	12" Wire Guard
WG16	16" Wire Guard
VS12	12" Mouse Side Visor
VS16	16" Mouse Side Visor
Controls	
BPC1	Button Photocell, 120 VAC
BPC2	Button Photocell, 208 to 277 VAC
BPC3	Button Photocell, 347 VAC
SPCA	Switch Photocell, 120 VAC
SPC2	Switch Photocell, 208 to 277 VAC
SPC3	Switch Photocell, 347 VAC
SPC4	Switch Photocell, 480 VAC
MPS	Motion Photo Sensor with BULLET PROOF (1/4" Bore) (Height: 100 ft. Diameter at 60 ft. 100' - 347VAC (opposite phase) or 208/230/480VAC (phase-to-phase) (Installed in Fixture)
SRP-277-10	Surge Protector, 120v - 277v
SRP-480-10	Surge Protector, 347 - 480v
F10	10 Amp Fuse Kit, 120-480 VAC
Other	
WHP11M	11" Cord w/ Plug, Stripped Pigtail Both Ends (Not Installed)
WHP20P	7" Cord w/ Plug, Stripped Pigtail Both Ends (Not Installed)
WHP11P	11" Cord w/ NEMA 5-15P Stripped Pigtail One End (Not Installed)
WHP20P	7" Cord w/ NEMA 5-15P Stripped Pigtail One End (Not Installed)
WHP20P	7" Cord w/ Plug, Stripped Pigtail Both Ends (Not Installed)
WHP20P	7" Cord w/ NEMA 5-15P Stripped Pigtail One End (Not Installed)
CO1	12" HP Cord Strip, 0.180x-0.400" Cord OD Range (Not Installed)
AMB	Amber Turtle Friendly (305-955mm)

Mounting Accessories



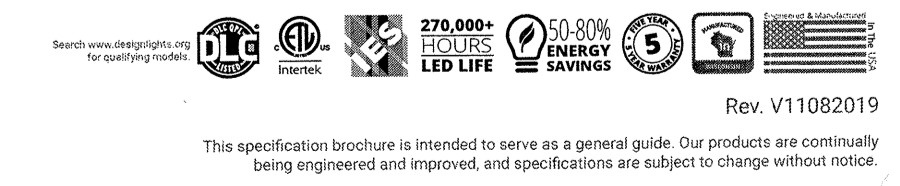
light poles PLUS.com

308 N. Brooke St.
 Fond du Lac, WI 54935
 888-791-1463
 quotes@lightpolesplus.com
 LightPolesPlus.com



Rev. V11082019
 This specification brochure is intended to serve as a general guide. Our products are continually being engineered and improved, and specifications are subject to change without notice.

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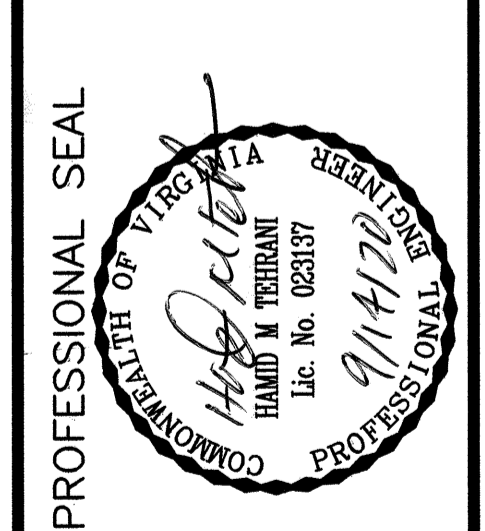


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TEAC, LLC.
 ENGINEERING AND ARCHITECTURAL CONSULTANTS
 LANDSCAPE ARCHITECTS • ARCHITECTS • SURVEYORS
 8201 GREENSBORO DRIVE, SUITE 300
 MCLEAN, VA 22102 TEL: (571) 344-3154
 EMAIL: H.TYSONENGINEERING@gmail.com

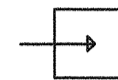
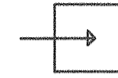
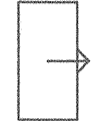
NO.	REVISION	DATE	MACHANICAL

SITE LIGHTING SPECIFICATIONS
 15' PERCHWOOD DRIVE AUTO SALES PARK
 38 PARCEL 25H
 AQUIA MAGISTRAL DISTRICT STAFFORD, VIRGINIA



PROFESSIONAL SEAL
 RCP#
 PREPARED BY: C.E.
 CHECKED BY: H.T., PE
 DATE: 08/02/20
 SCALE: 1" = 30'
 PROJECT#
 SHEET# C03A

Luminaire Schedule

Symbol	Qty	Label	LLF	Lum. Watts	Lum. Lumens
	8	NF-16-SBHC-160-50-MV-5W	0.950	160	18132
	9	NF-16-SBHC-160-50-MV-T4	0.950	160	17791
	7	NF-14-WPHC-40-50-MV-T4	0.950	40	4447

Isoline Legend

Illuminance (Fc)

Color Value

Drawn By: SS
 Checked By: SS
 Scale: 1"=30'
 Date: 8/28/2020
 Notes:
 28' Mounting Height
 160W Shoebox
 40W Wallpacks

Calculation Summary

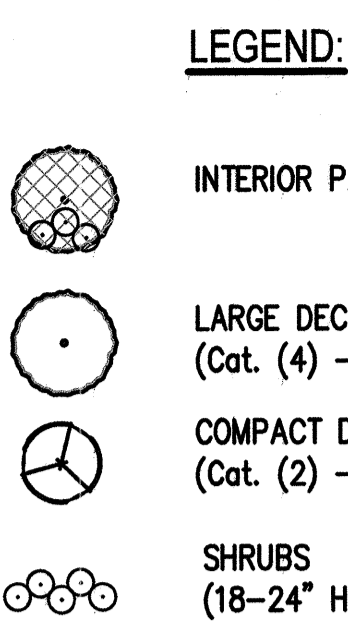
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Extended Lighting	Illuminance	Fc	2.15	14.8	0.0	N.A.	N.A.
Parking Lot	Illuminance	Fc	5.99	14.8	1.6	3.74	9.25

*Luminaire testing data is based on Illuminating Engineering Society (IES) standards under simulated and laboratory conditions. This design is based on information supplied by others, and individual field measurements may vary from computer-simulated calculations due to variables like (but not limited to) variation in electrical voltage, environmental conditions and other variable field characteristics. Typical field foot candle measurements may vary +/- 10%. For sports lighting, field measurements should be taken in accordance with IESNA RP-6-15. Conformance to facility and local codes is the responsibility of the owner and their representatives. This layout may not meet CA Title 24 and/or other local energy codes. If specific compliance is required, those details must be provided to your factory design representative.

**Satisfactory performance and safe use of LED sports lighting fixtures is dependent upon light poles, brackets, anchorage and other structural components being of adequate design and condition. The total combined Effective Projected Area (EPA) and weight of all fixtures, brackets and attachments mounting to a light pole cannot exceed the EPA and weight rating for a specified pole. For sports lighting retrofit applications, it is the customer's responsibility to have a qualified inspector and/or engineer confirm the structural adequacy of the existing light poles assemblies. We are happy to quote new light poles and brackets if you have concerns about your existing materials.

SPECIFICATIONS FOR PLANTING

- CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND UTILITY LOCATIONS. THE PROJECT LANDSCAPE ARCHITECT PRIOR TO THE PLANTING MUST APPROVE ADJUSTMENTS TO LOCATIONS OF PLANT MATERIAL DUE TO FIELD CONDITIONS. ANY SUBSTITUTIONS IN PLANT MATERIAL AND SIZES SPECIFIED WILL NOT BE ACCEPTED, UNLESS APPROVED BY PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- ALL PLANT MATERIAL SHALL CONFORM TO THE AMERICAN STANDARD FOR NURSERY, LATEST EDITION, PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION. ALL PLANTS MUST BE FREE FROM INJURY, INSECT INFESTATIONS AND DISEASE. ALL PLANT MATERIAL MUST BE INSPECTED BY THE PROJECT LANDSCAPE ARCHITECT PRIOR TO PLANTING. THE CONTRACTOR SHALL PHONE AT LEAST THREE (3) DAYS PRIOR TO INSTALLATION FOR INSPECTION OF THE MATERIAL AND FOR INSPECTION OF THE PLANTING OPERATION.
- ALL PLANT MATERIAL MUST BEAR ORIGINAL NURSERY TAGS INDICATING THE GENUS, SPECIES AND IF APPLICABLE, CULTIVARS AND VARIETY. ALL TAGS SHALL BE REMOVED AFTER THE PROJECT LANDSCAPE ARCHITECT HAS INSPECTED THE PLANT MATERIAL.
- TEST SOIL DRAINAGE BEFORE PLANTING. DIG A HOLE AS DEEP AS YOUR PLANTING HOLE AND FILL WITH WATER. IF WATER DRAINS AT A RATE LESS THAN ONE INCH PER HOUR, INSTALL DRAINAGE TO CARRY WATER AWAY FROM THE PLANTING HOLE BASE, OR MOVING OR RAISING THE PLANTING SITE (BERM CONSTRUCTION).
- EXAMINE SOIL FOR COMPACTION BEFORE PLANTING. IF SOILS ARE COMPACTED IN AN AREA WHERE A GROUP OF PLANTS ARE TO BE INSTALLED, INCORPORATE SEVERAL INCHES OF A COMBINATION OF ORGANIC MATERIALS SUCH AS COMPOSTED YARD WASTE, FINELY SHREDDED PINE BARK MULCH (SUPERFINES) OR SHREDDED, COMPOSTED LEAF MULCH (LEAF-GRO) AND TILL TO A DEPTH OF TWELVE (12) TO EIGHTEEN (18) INCHES OVER THE ENTIRE AREA. DO NOT TILL IF PLANTING IS WITHIN A TREE PRESERVATION AREA. APPLY THE ORGANIC MATTER AT A RATE OF ONE-QUARTER ORGANIC MATTER TO THREE-QUARTER EXISTING SOIL. DO NOT INCORPORATE SMALL QUANTITIES OF SAND - COMPACTION WILL INCREASE AND DRAINAGE DECREASES. FOR SINGLE TREE PLANTINGS, BACKFILL PLANTING HOLES WITH UNAMENDED SOIL. INCREASE THE WIDTH OF THE TOP OF THE PLANTING HOLE IN AREA WHERE SOIL HAS BEEN COMPACTED. DO NOT INCORPORATE ORGANIC MATTER SUCH AS PEAT MOSS INTO BACKFILL FOR INDIVIDUAL PLANTING HOLES.
- TREE PITS SHALL BE A MINIMUM OF TWO (2) AND A HALF (1/2) TIMES THE WIDTH OF THE ROOT BALL AND NO DEEPER THAN THE HEIGHT OF THE ROOT BALL. ON BALLED AND BURLAPED TREES, REMOVE PINNING NAILS OR ROPE LACING, THEN CUT AWAY THE WRAPPING AND THEN BACKFILL. REMOVE THE TOP 12" OF THE WIRE BASKET. REMOVE ALL ROPE, WHETHER JUTE OR NYLON, FROM TRUNKS. FOR CONTAINER MATERIALS, REMOVE THE CONTAINER COMPLETELY. SELECT TREES GROWN IN CONTAINERS WITH VERTICAL RIBS OR A COPPER TREATMENT ON THE INTERIOR WALL. THESE CONTAINERS MODIFICATION AND TREATMENTS MINIMIZE CIRCLING ROOT FORMATION. IF ROOTS ARE CIRCLING AROUND THE ROOT BALL EXTERIOR OF CONTAINER PLANTS (TREES, SHRUBS OR PERENNIALS) CUT THROUGH THE ROOTS AND SOIL IN A FEW PLACES. CONTAINER TREE WITH MULTIPLE CIRCLING ROOTS WILL BE REJECTED. PLACE SHRUBS AND PERENNIALS AT THE SAME DEPTH THEY WERE IN THE CONTAINERS. FOR BARE ROOT PERENNIALS PLANT WITH THE SOIL EVEN WITH THE TOP OF THE CROWN. DIG THE HOLE WIDE ENOUGH TO ALLOW THE ROOTS TO SPREAD OUT IN THE SOIL. PUSH THE SOIL BACK INTO THE HOLE OVER THE ROOTS AND AROUND THE TOP OF THE PLANT.
- WHEN HALF OF THE BACKFILL HAS BEEN RETURNED TO THE PLANTING HOLE, WATER SHALL BE APPLIED TO PROVIDE SETTLEMENT AND ELIMINATE AIR POCKETS. THE TREE SHALL BE THOROUGHLY WATERED AGAIN AFTER THE REMAINING SOIL HAS BEEN PLACED IN THE PLANTING PIT. A THREE (3) TO FOUR (4) INCH DAM OF SOIL SHALL BE CONSTRUCTED AROUND THE PLANTING PIT.
- TWO (2) TO THREE (3) INCHES OF MULCH SHALL BE PLACED OVER THE TREE-PLANTING PIT, BUT SHALL BE KEPT THREE (3) TO FOUR (4) INCHES AWAY FROM THE TRUNK OF THE TREE OR CROWNS OF SHRUBS. DO NOT ALLOW MULCH TO TOUCH THE TRUNKS OF TREES OR CROWNS OF SHRUBS. USE MULCH THAT IS COMPATIBLE WITH THE TYPE OF PLANT USED. AVOID MULCH THAT HAS NOT BEEN NITROGEN COMPOSTED, AS THE PH OF THE SOIL COULD CHANGE AS THE MULCH DEGRADES. PINE BARK MULCH WILL NOT CHANGE THE PH OF THE SOIL AS IT DEGRADES. THIS IS THE BEST TYPE OF MULCH FOR USE WITH PERENNIALS. IN MULCHING PERENNIALS, USE NO MORE THAN 1-2".
- TREES SHALL BE PLANTED AT THE HEIGHT OF THE SURROUNDING GRADE WITH ROOT FLARES VISIBLE. SHOULD SOIL HAVE BEEN PILED OVER THE ROOT FLARE DURING THE DIGGING PROCESS, THIS SOIL SHALL BE REMOVED SO THAT THE FLARE IS SLIGHTLY ABOVE GRADE.
- PRUNING AT THE TIME OF PLANTING SHALL BE DONE ONLY TO REMOVE BROKEN BRANCHES OR DOUBLE (CO DOMINANT) LEADERS.
- REMOVE TAGS AND LABELS FROM TREES AND SHRUBS TO PREVENT GIRDLING BRANCHES AND TRUNKS.
- STAKES SHALL BE USED ONLY IN AREA OF HIGH TRAFFIC OR HIGHLY WINDY LOCATIONS. A TREE-STAKING DIAGRAM SHOULD BE PROVIDED IF STAKING IS NECESSARY. STAKE FOR MAXIMUM OF ONE YEAR. ALLOW TREES A SLIGHT AMOUNT OF FLEX RATHER THAN HOLDING THEM RIGIDLY IN PLACE. USE GUYING OR ATTACHING THAT WON'T DAMAGE THE BARK TO PREVENT TRUNK GIRDLING. REMOVE ALL GUYING MATERIAL AFTER ONE YEAR.
- IF GUYING WILL BE CARRIED OUT, THEN THE MATERIAL SHALL ONLY BE A WIDE FABRIC TAPE SUCH AS ARBORTIE OR EQUIVALENT, INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
- PLANTING SEASON - PLANTING SHALL BE DONE ONLY WITHIN THE FOLLOWING DATES:
 - DECIDUOUS TREES - MARCH 15 TO MAY 30 OR SEPTEMBER 15 TO DECEMBER 15 (OAKS AND BLACK GUM TO BE SPRING DUG AND PLANTED ONLY).
 - EVERGREEN TREES - MARCH 1 TO MAY 15 OR SEPTEMBER 15 TO NOVEMBER 15.
- ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR FOR ONE YEAR FROM THE DATE OF ACCEPTANCE TO BE IN GOOD, HEALTHY AND FLOURISHING CONDITION. IN THE EVENT THAT A PLANT DIES OR IN THE JUDGMENT OF THE PROJECT LANDSCAPE ARCHITECT, FAILS TO FLOURISH, THE CONTRACTOR SHALL REPLACE IN ACCORDANCE WITH THE ABOVE NOTED SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PLANTS DURING THIS ONE-YEAR WARRANTY PERIOD. THIS MAINTENANCE SHALL INCLUDE PROVIDING WATER ON A WEEKLY BASIS WHEN NATURAL RAINFALL IS LESS THAN ONE INCH A WEEK. DRIP IRRIGATION SYSTEMS AND WATER RESERVOIR DEVICES CAN FACILITATE WATERING. ROOT BALLS OF TREES SHOULD BE SLOWLY AND THOROUGHLY SOAKED AT TIME OF WATERING. FOR PLANTING BEDS (I.E., TREES, SHRUBS AND PERENNIALS), WATER SLOWLY AND DEEPLY PUTTING DOWN 1"-2" OF WATER IN A 6-12 HOUR PERIOD. THIS SHOULD GIVE A PENETRATION OF 12-18" DEPTH.
- PLANT MATERIAL SHALL NOT BE STORED ON SITE FOR A PERIOD LONGER THAN 3 DAYS FROM THE TIME OF DELIVERY.
- ALL PLANT MATERIAL SHALL BE PROTECTED FROM DRYING DURING TRANSPORTATION AND DURING STORAGE ON SITE. ANY PLANT THAT IS NOT PLANTED ON THE DAY OF DELIVERY WILL BE PLACED IN A HOLDING AREA. THE TREE OR SHRUB WILL BE STORED VERTICALLY AND ITS ROOTS WILL BE COVERED WITH A MOISTURE HOLDING MEDIUM (WOOD CHIPS, SAW-DUST, ETC.) UNTIL PLANTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DISCREPANCIES BETWEEN THE PLANT LIST AND THE PLANTING PLAN.



LEGEND:

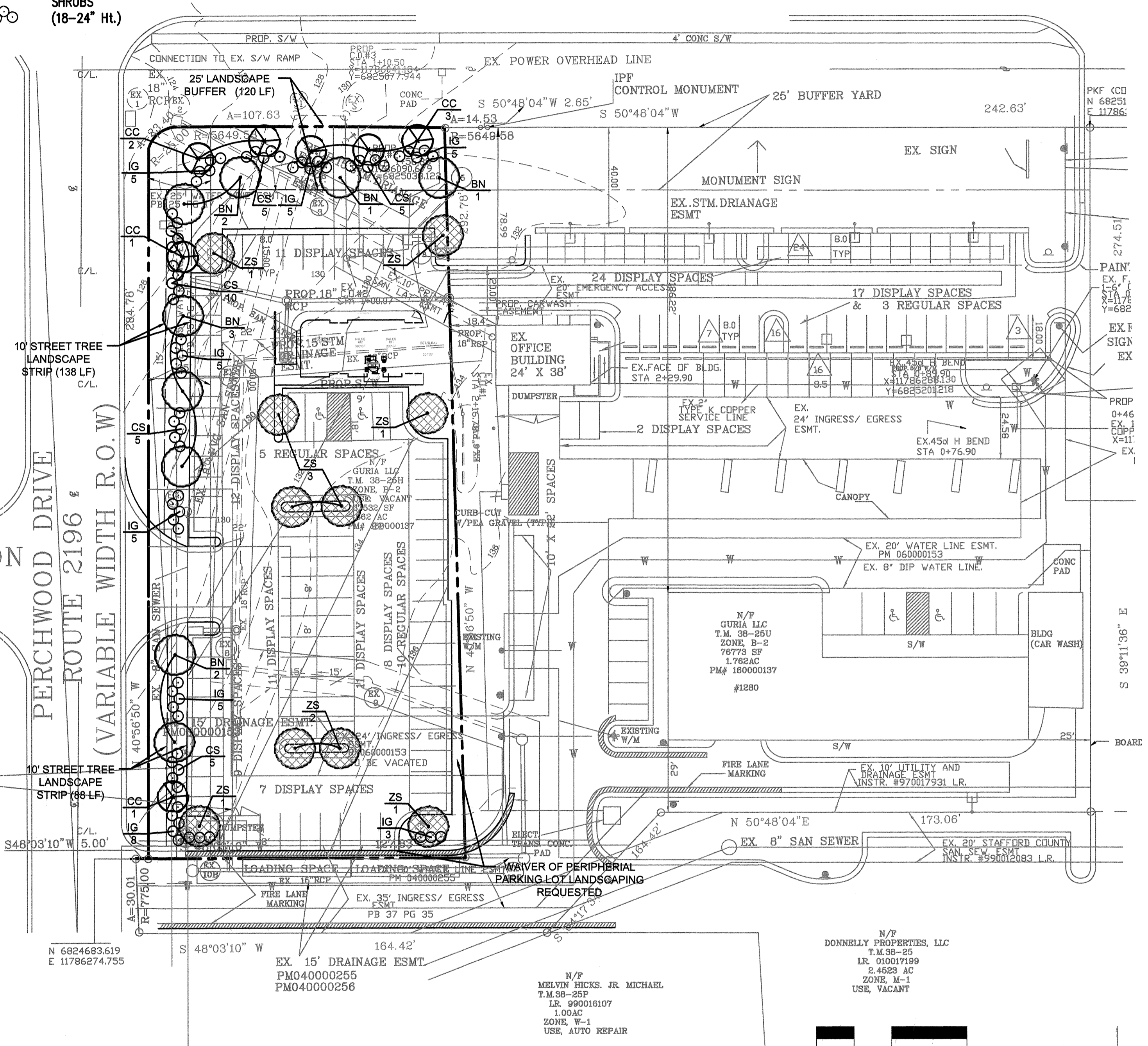
INTERIOR PARKING LOT LANDSCAPING

LARGE DECIDUOUS TREE
(Cat. 4) - (2-2.5" Cal.(200 SF))

COMPACT DECIDUOUS TREE
(Cat. 2) - (2-2.5" Cal.(100 SF))

SHRUBS
(18-24" Ht.)

**JEFFERSON DAVIS HIGHWAY
ROUTE 1
(VARIABLE WIDTH R.O.W.)**



LANDSCAPE PLAN
SCALE: 1" = 30'-0"

Street Buffers along Arterial Major Collector Streets (Section 110.2) - U.S. RTE 1

1) Residential or non-residential:	Non-residential
2) Buffer yard width:	25 Feet
3) Linear feet of buffer yard along Arterial/Major Coll Street:	125 Feet
4) Plant unit required: 125 LF x (75 PU/100 LF)	94 PU
5) Existing plant units getting credit per Section 140:	0 PU
6) Plant units required in buffer yard:	40 PU
7) Number of canopy trees provided: 4 x 10 p.u. =	35 PU
Number of understory trees provided: 5 x 7 p.u. =	0 PU
Number of evergreen trees provided: x 7 p.u. =	25 PU
Number of shrubs provided: 25 x 1 p.u. =	100 PU
8) Total number of plant units provided in buffer yard:	100 PU

Interior Parking Lot Landscaping (Section 120.1)

1) Number of parking spaces: 85 x 30 SF =	2,550 SF
2) Amount of planting area utilizing LID:	0 SF
3) Amount of planting area requiring landscaping:	2,550 SF
4) Total plant unit required (2,550 / 300 x 12 PU):	102 PU
5) Number of canopy trees provided: 10 x 10 p.u. =	100 PU
Number of understory trees provided: 0 x 7 p.u. =	0 PU
Number of evergreen trees provided: 0 x 7 p.u. =	0 PU
Number of shrubs provided: 6 x 1 p.u. =	6 PU
6) Total number of plant units provided in buffer yard:	106 PU

Perimeter Parking Lot Landscaping (Section 120.2)

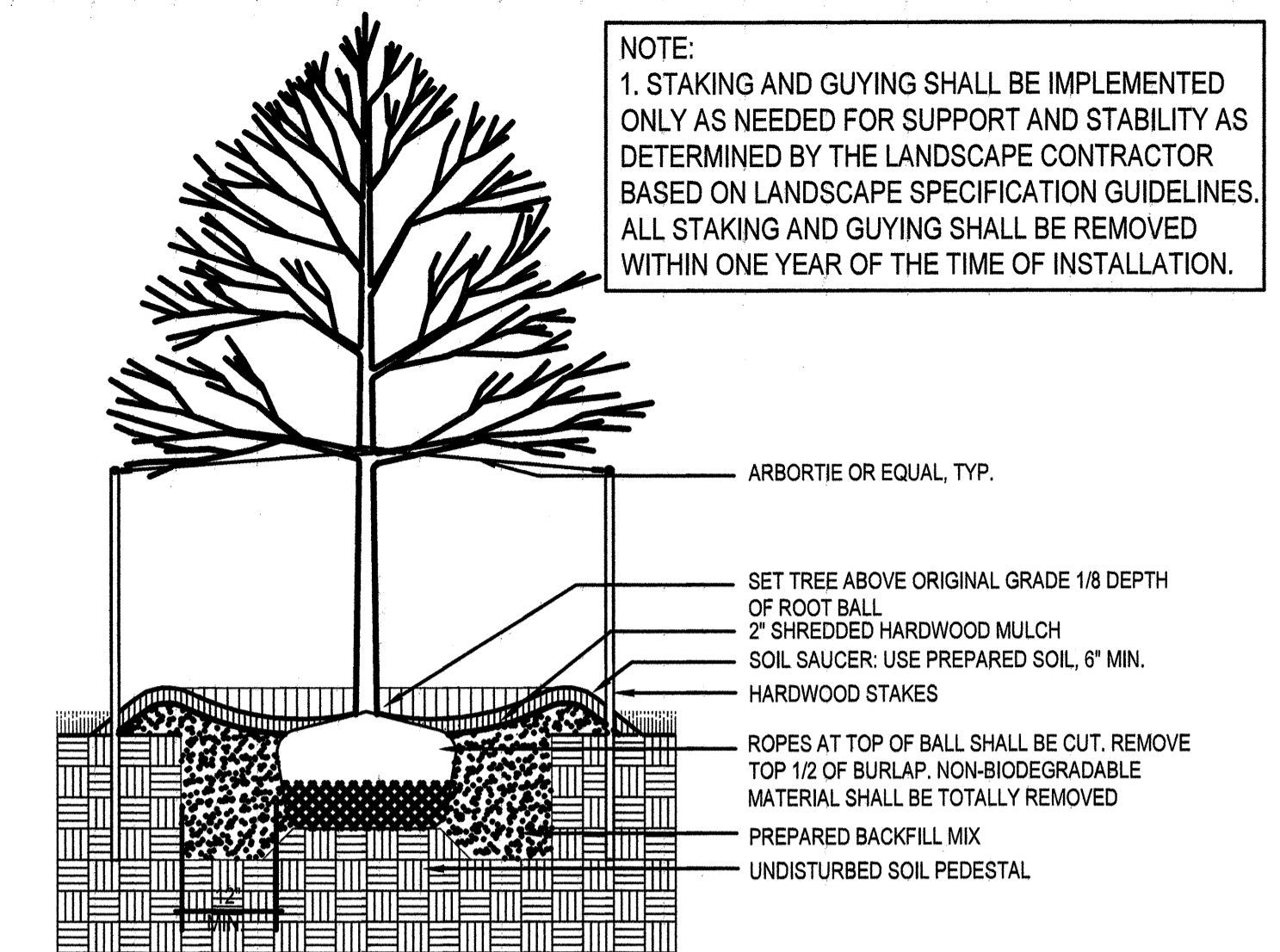
1) Linear feet of parking lot adjacent to property line:	421 LF
2) Net linear feet per section 200:	374 LF
3) Total plant unit required (374 LF / 100 LF x 35 PU):	131 PU
4) Number of canopy trees provided: 0 x 10 p.u. =	0 PU
Number of understory trees provided: 0 x 7 p.u. =	0 PU
Number of evergreen trees provided: 0 x 7 p.u. =	0 PU
Number of shrubs provided: 0 x 1 p.u. =	0 PU
5) Total number of plant units provided in planting area:	0 PU (WAIVER REQUESTED)

Planting Schedule

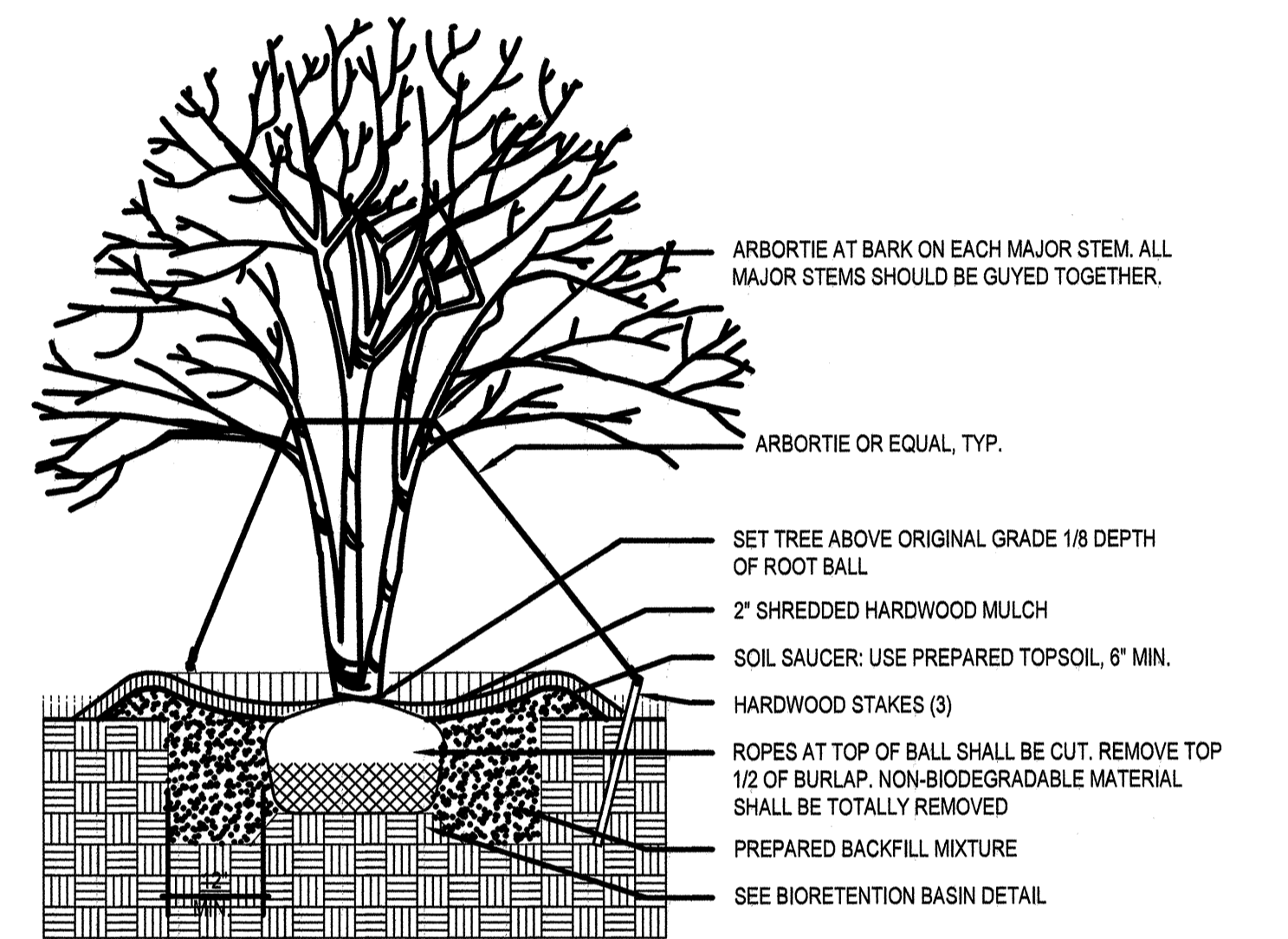
Symbol	Species (Common name)	Quantity	Planting Size	Type	Spacing	Comments
Overstory Trees						
BN	Betula nigra 'BNMIT'	9	2-2.5" Cal.	B&B	As Shown	Full, Multi-stem
ZS	Zelkova serrata 'Village Green/Village Green' Zelkova	10	2-2.5" Cal.	B&B	As Shown	Full, single stem
Understory Trees						
CC	Cercis canadensis (Redbud)	6	2-2.5" Cal.	B&B	As Shown	Full, Multi-stem
Shrubs						
CS	Cornus stolonifera 'Arctic Fire' ('Arctic Fire' Red Twig Dogwood	17	18-24" Ht.	cont	4' O.C.	Full to ground
IG	Ilex glabra (Inkberry)	16	18-24" Ht.	cont	4' O.C.	Full to ground

Non-Residential Street Tree Landscaping (Section 120.4) (Perchwood Dr.)

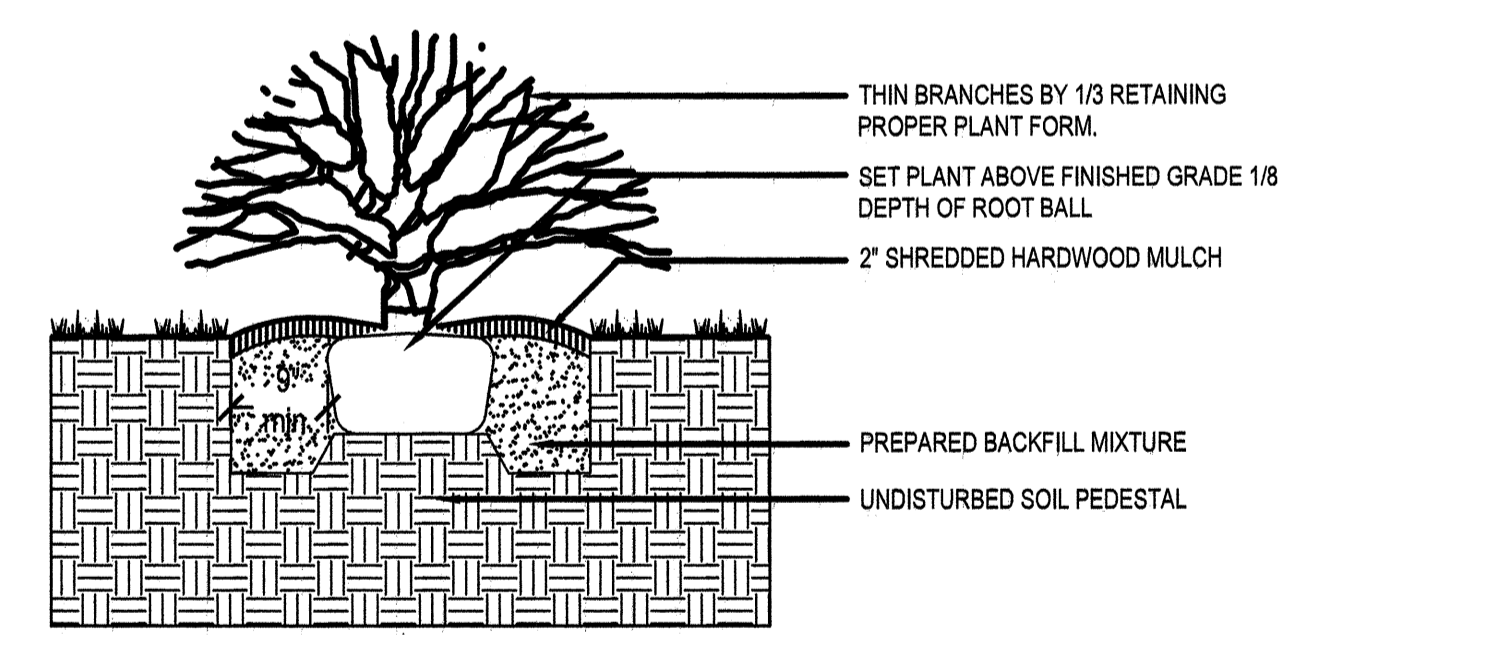
1) Linear feet of street frontage:	285 LF
2) Net linear feet per section 200:	226 LF
3) Total plant unit required (226 LF / 100 LF x 50 PU):	113 PU
4) Number of canopy trees provided: 6 x 10 p.u. =	60 PU
Number of understory trees provided: 2 x 7 p.u. =	14 PU
Number of evergreen trees provided: x 7 p.u. =	0 PU
Number of shrubs provided: 40 x 1 p.u. =	40 PU
5) Total number of plant units provided in planting area:	114 PU



1 DECIDUOUS TREE PLANTING
N.T.S.



2 UNDERSTORY TREE PLANTING
N.T.S.



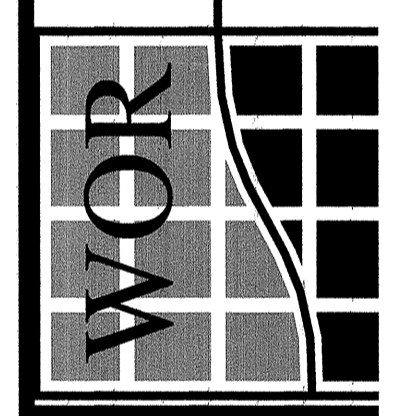
3 TYP. SHRUB PLANTING
N.T.S.

NOTE:
1. STAKING AND GUYING SHALL BE IMPLEMENTED ONLY AS NEEDED FOR SUPPORT AND STABILITY AS DETERMINED BY THE LANDSCAPE CONTRACTOR BASED ON LANDSCAPE SPECIFICATION GUIDELINES. ALL STAKING AND GUYING SHALL BE REMOVED WITHIN ONE YEAR OF THE TIME OF INSTALLATION.

No.	DATE	DESCRIPTION	REVIEW APPROVED	DATE

PLAN DATE

Wm. O'Kelly Russell, PLA
Planning • Landscape Architecture • Arboriculture
(703) 297-0465 wmo_kellyrussell@hotmail.com



LANDSCAPE PLAN

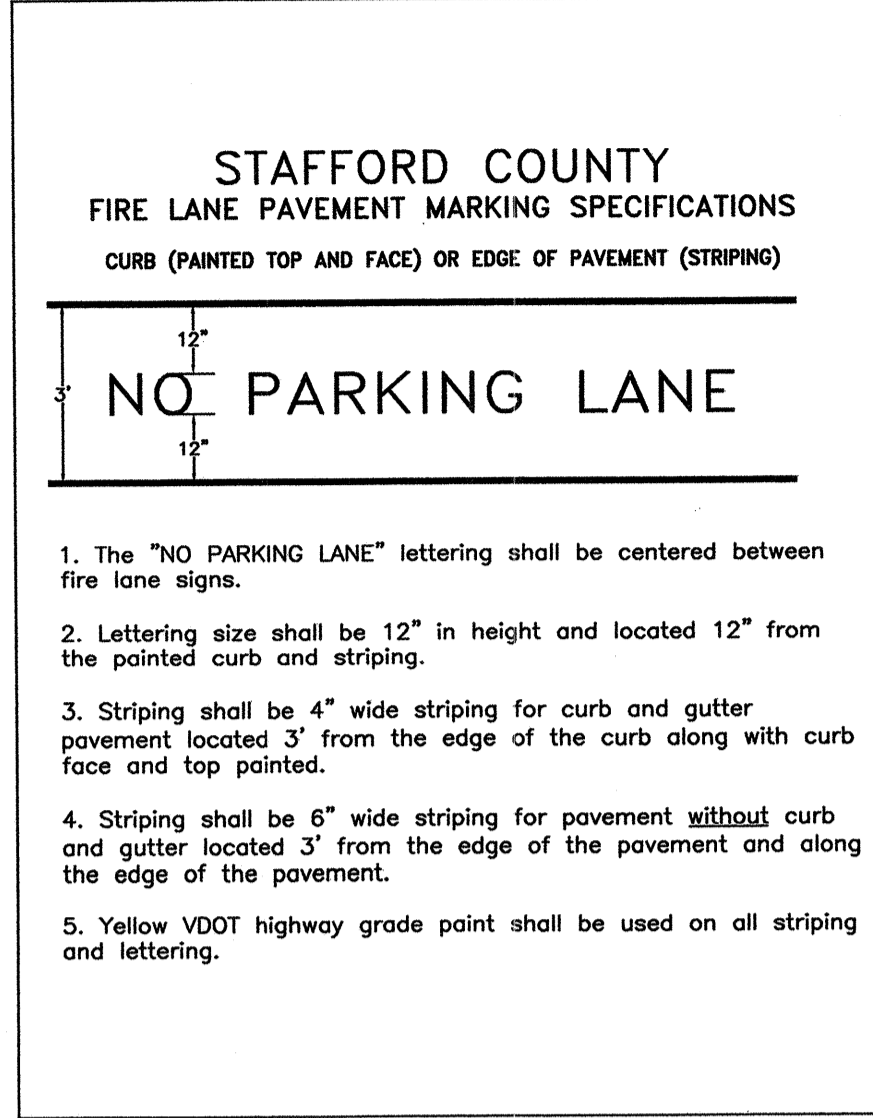
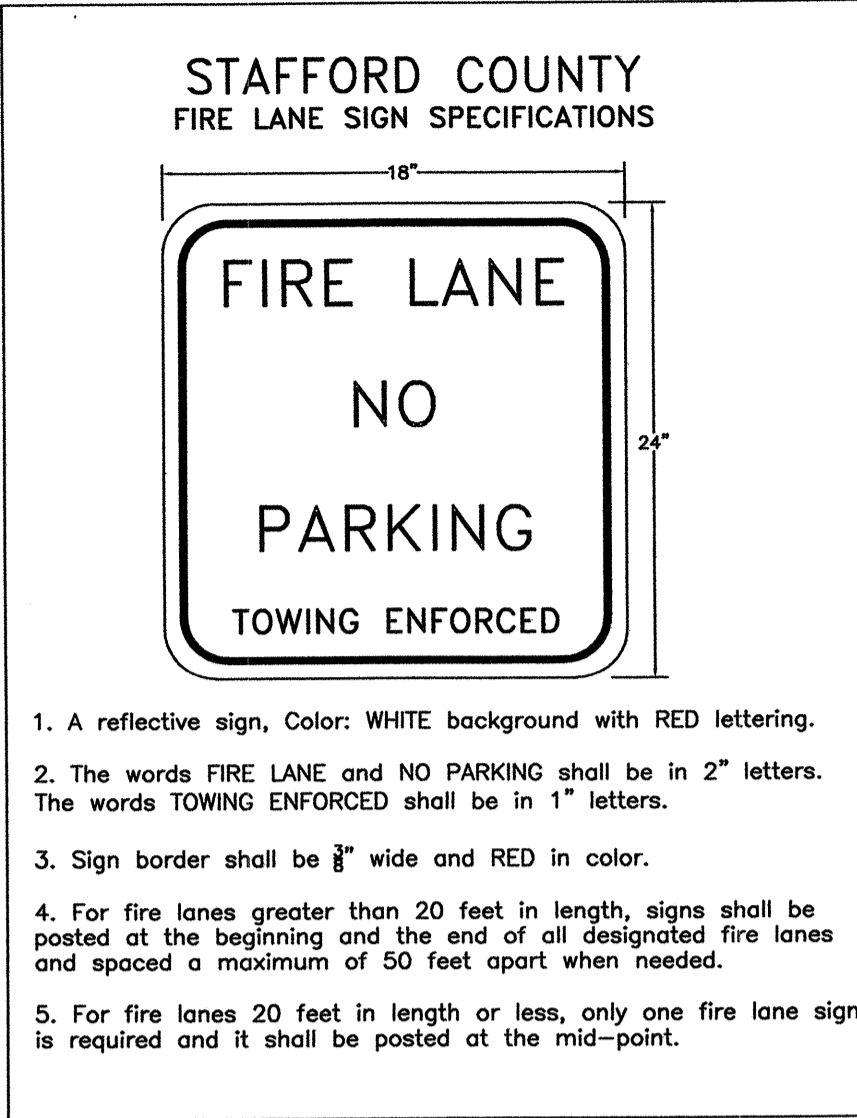
15 Perchwood Drive
38 PARCEL 25H
FREDERICKSBURG, VIRGINIA

SCALE: 1"=30'

DATE: 9-14-20

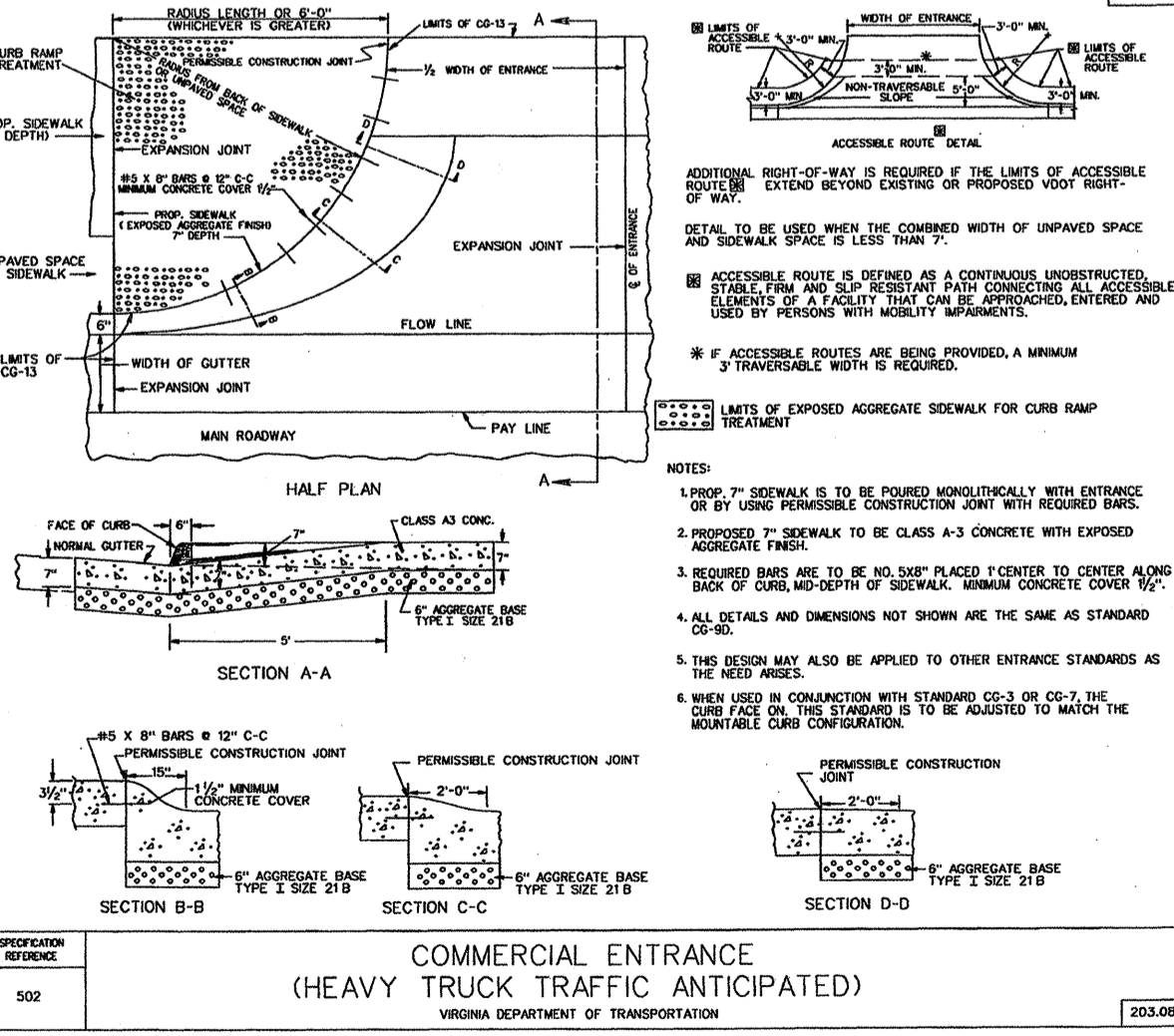
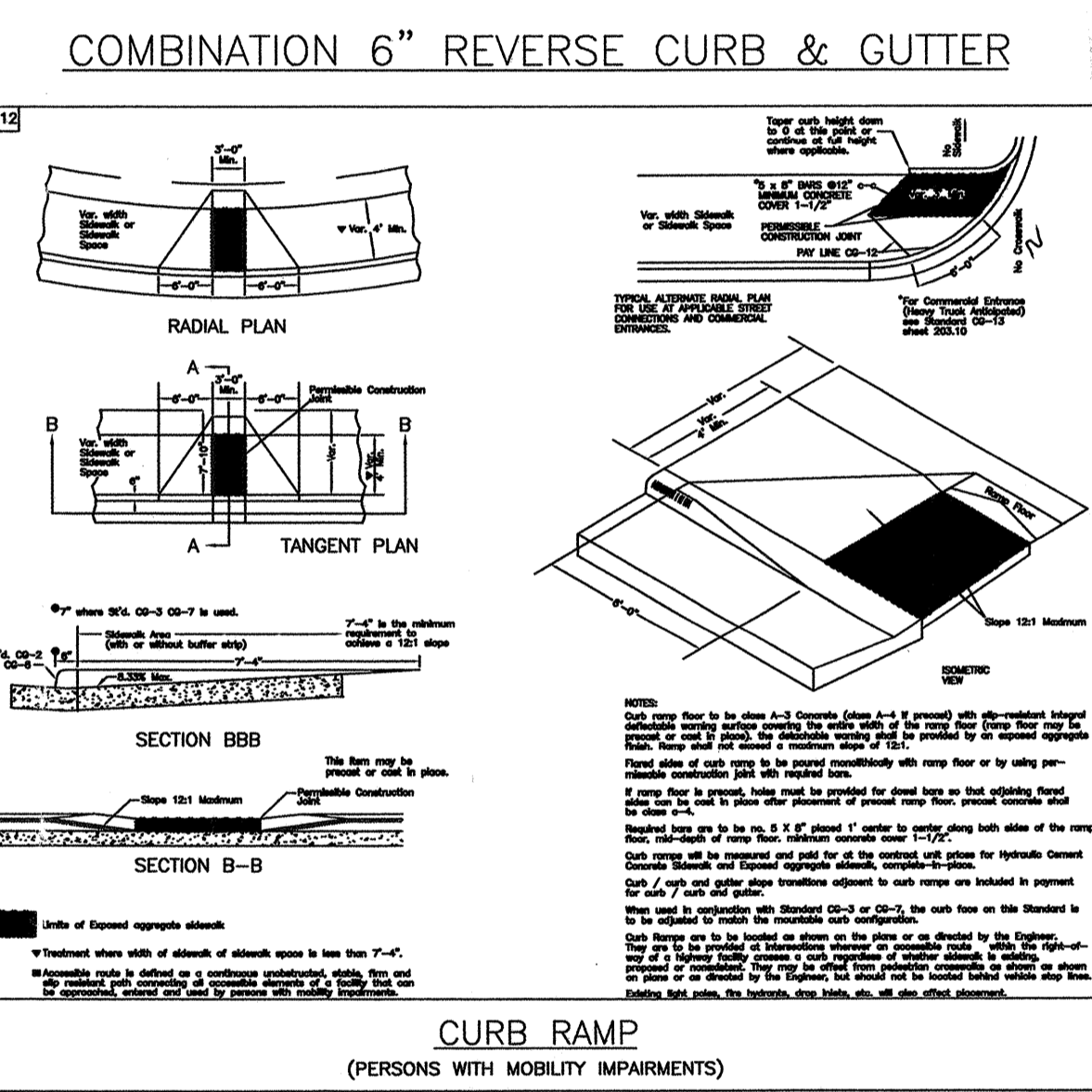
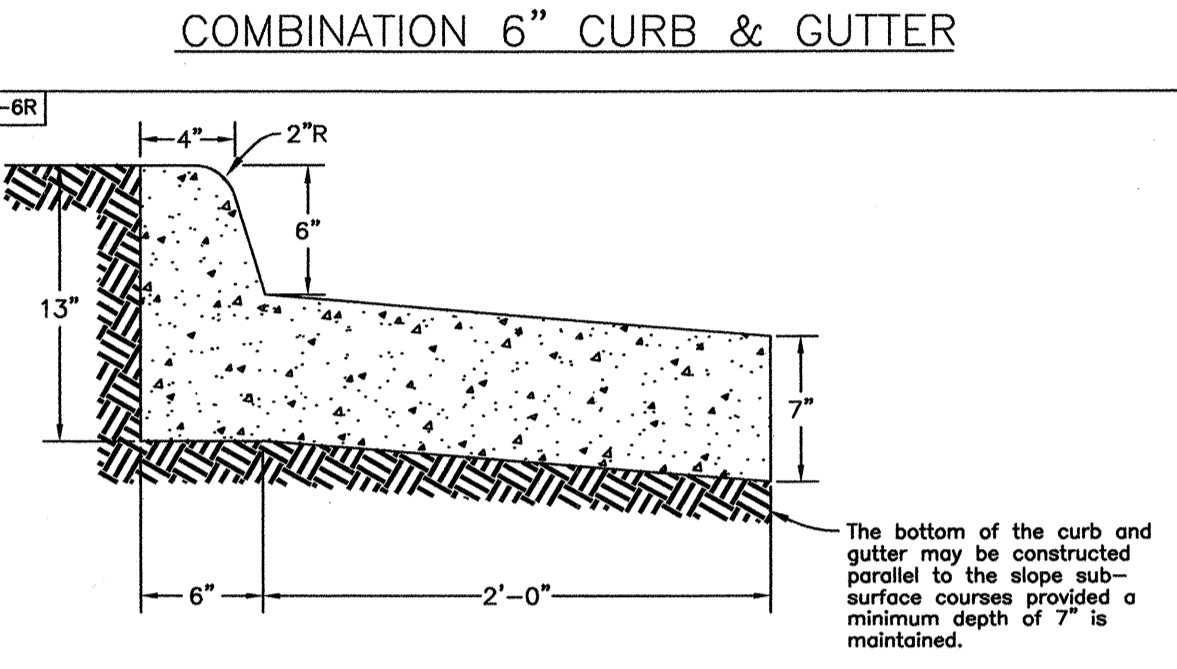
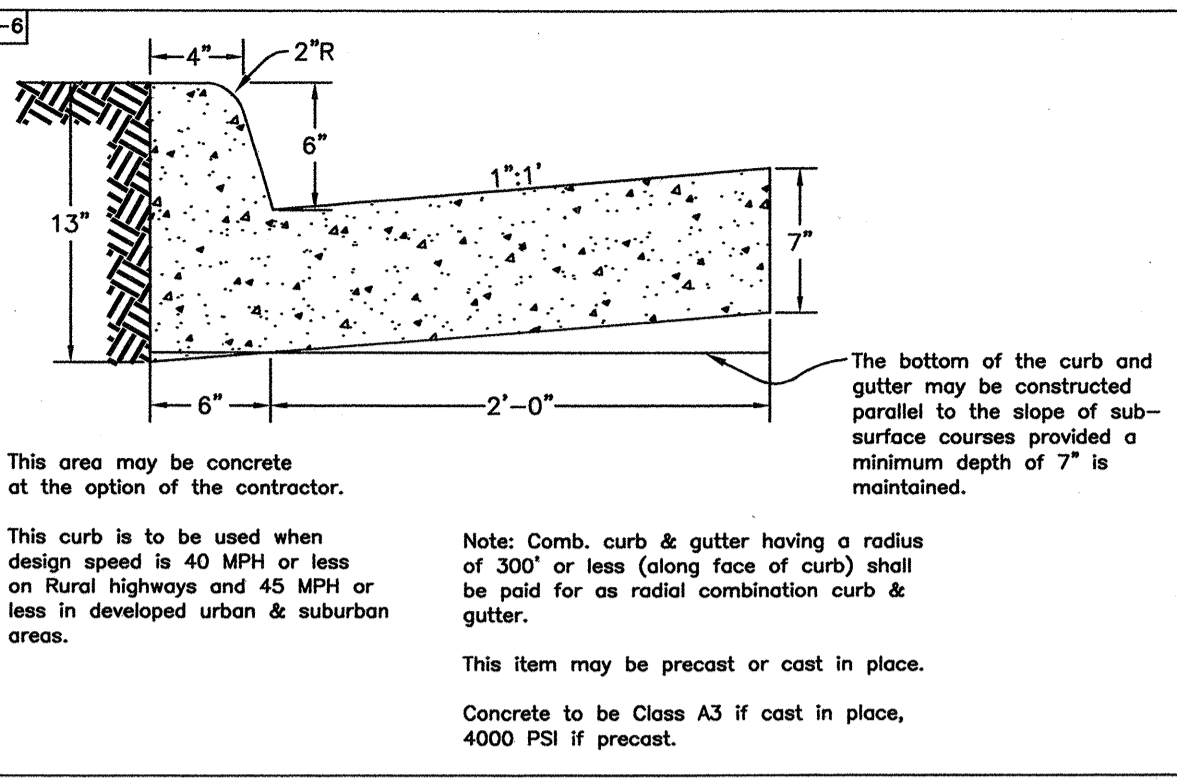
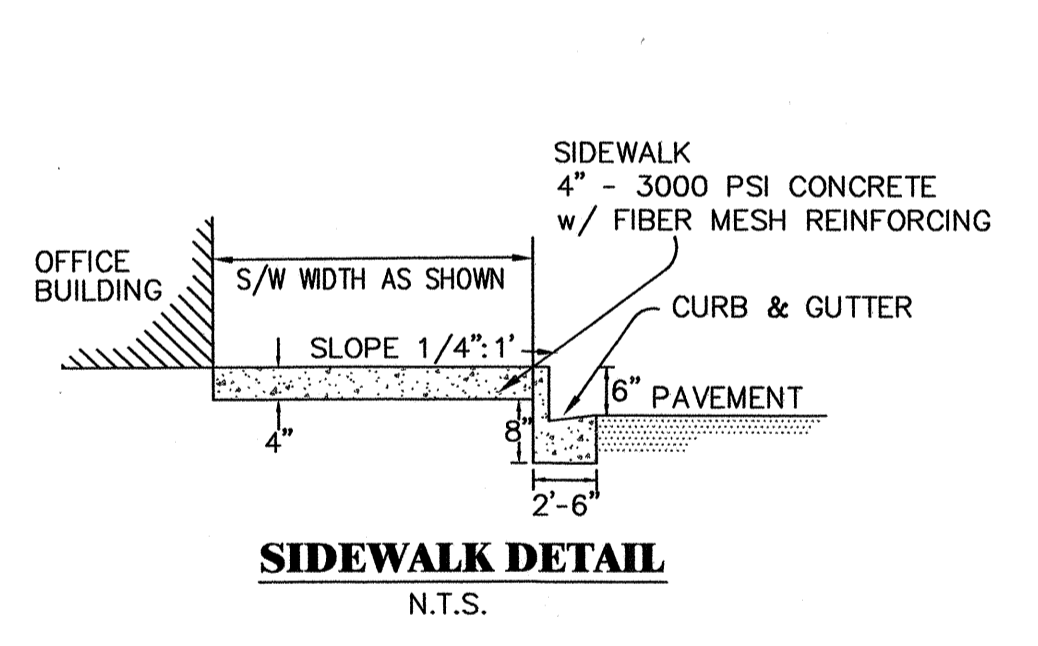
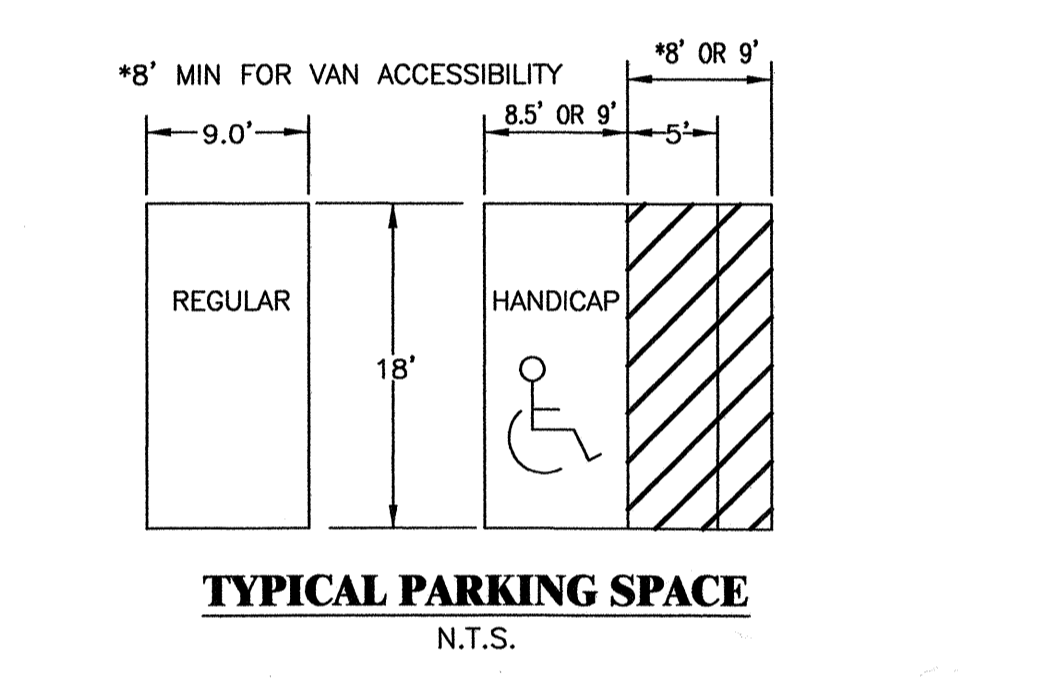
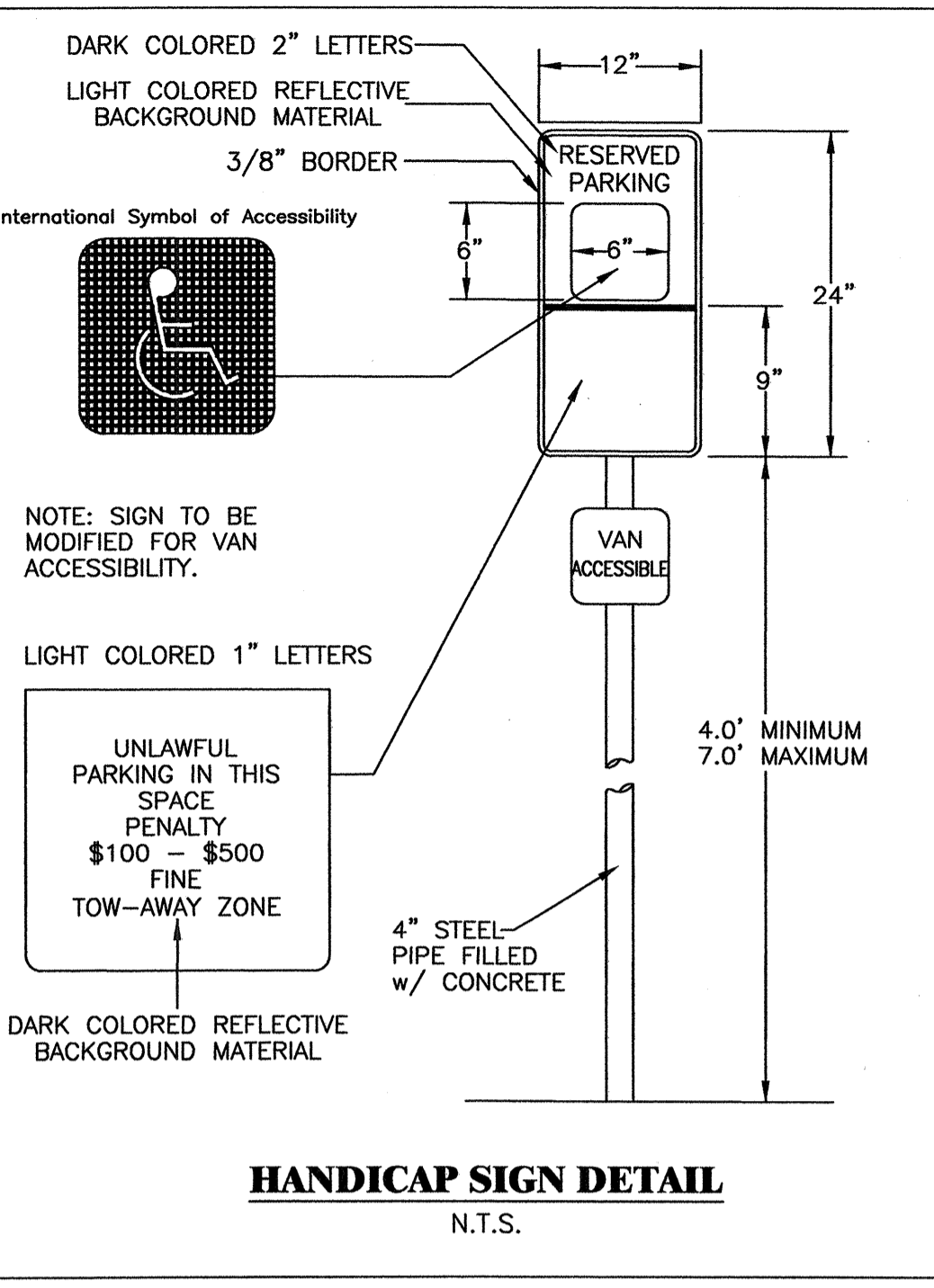
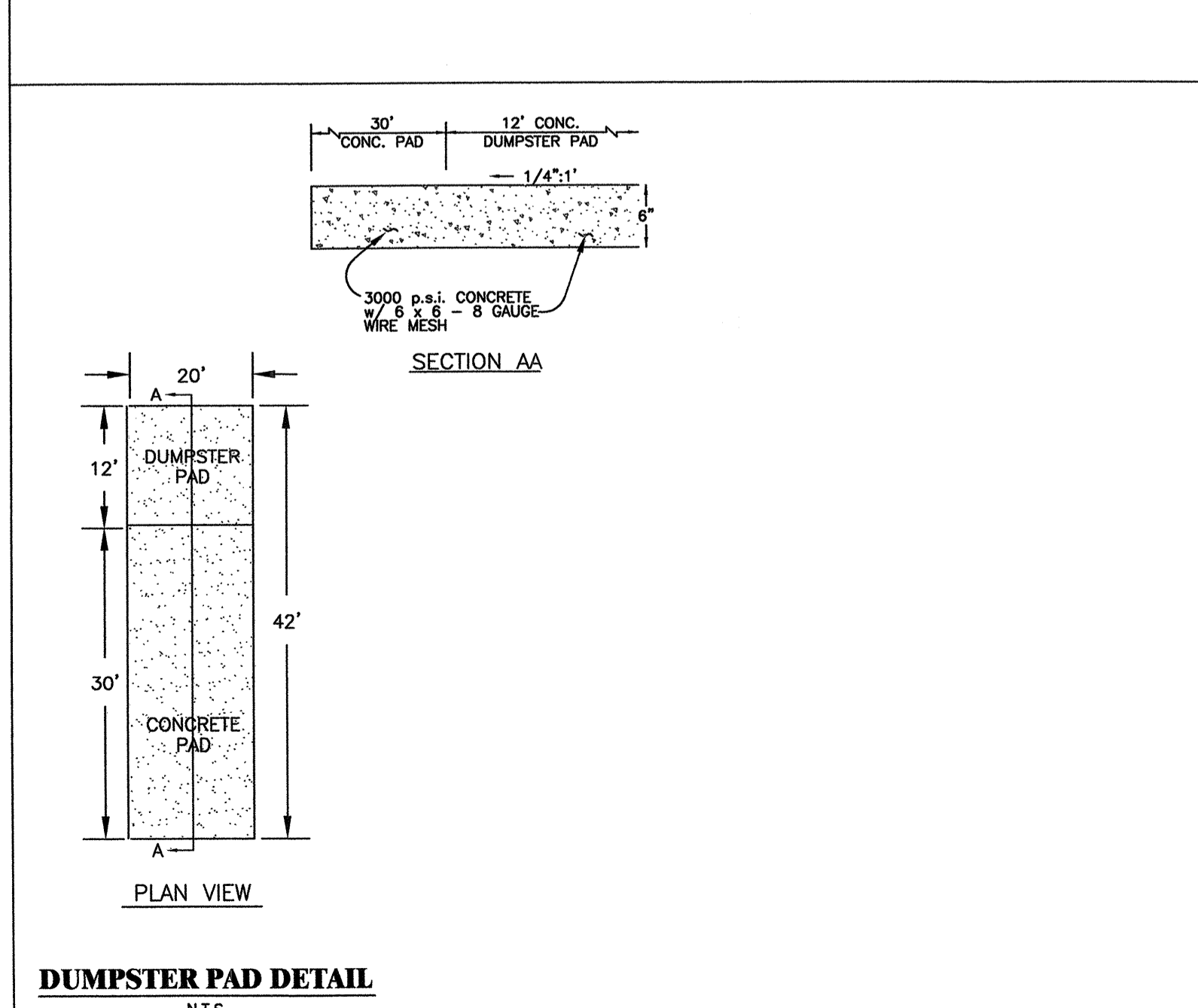
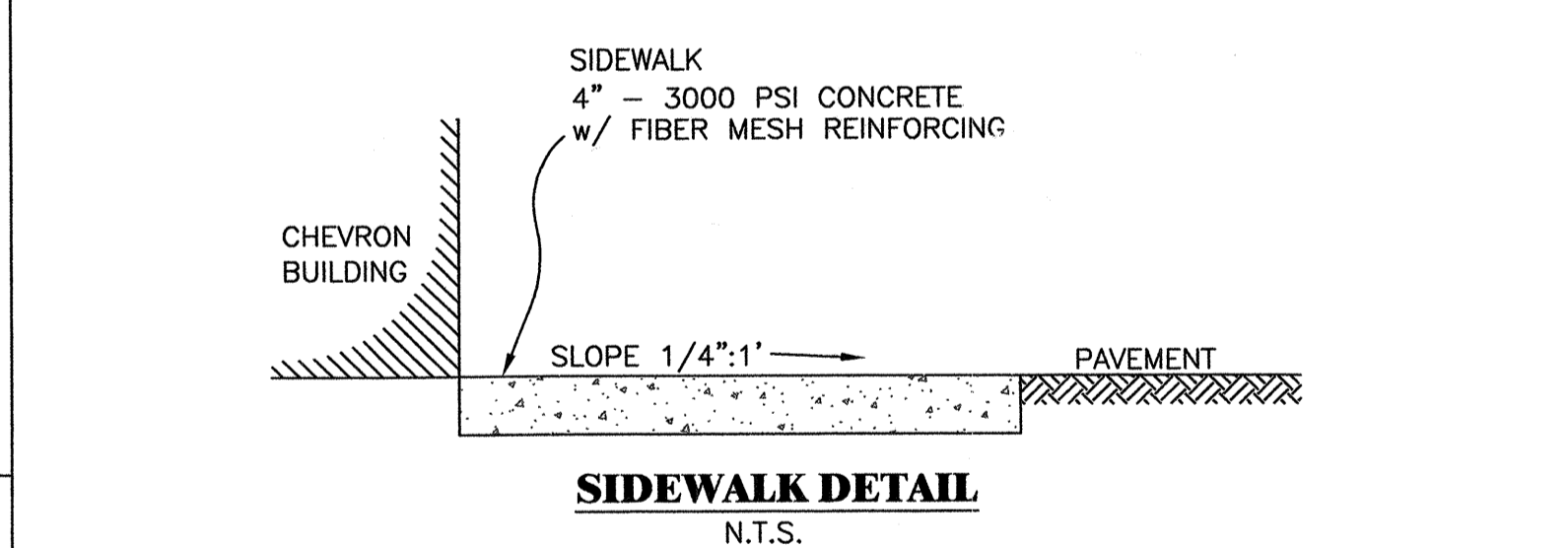
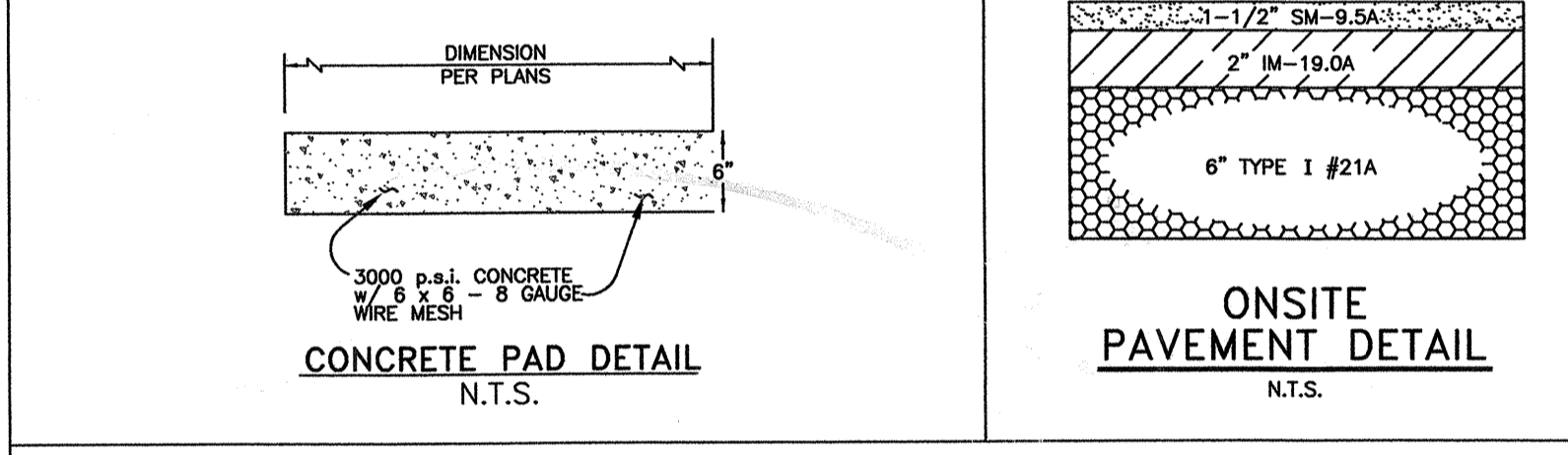
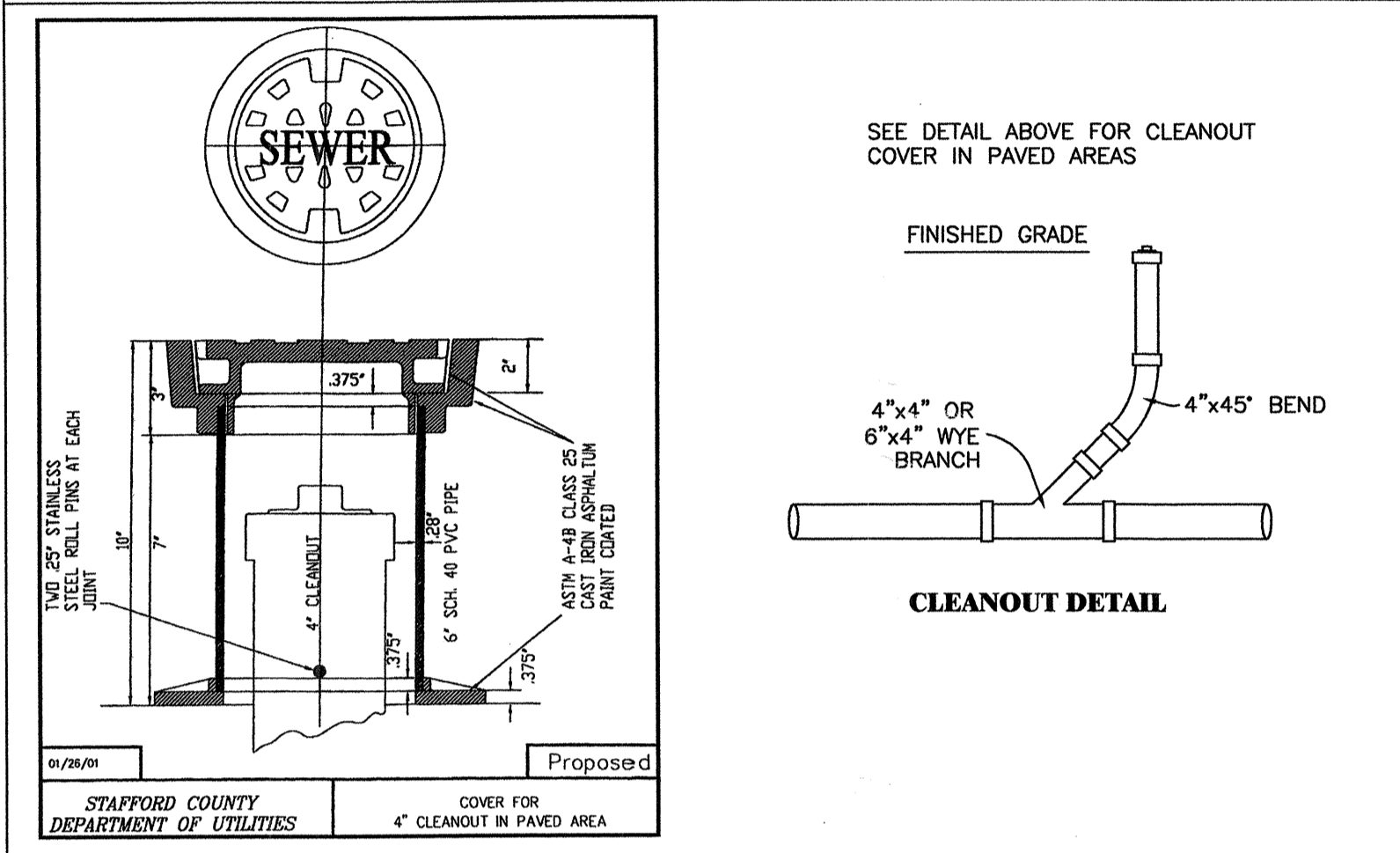
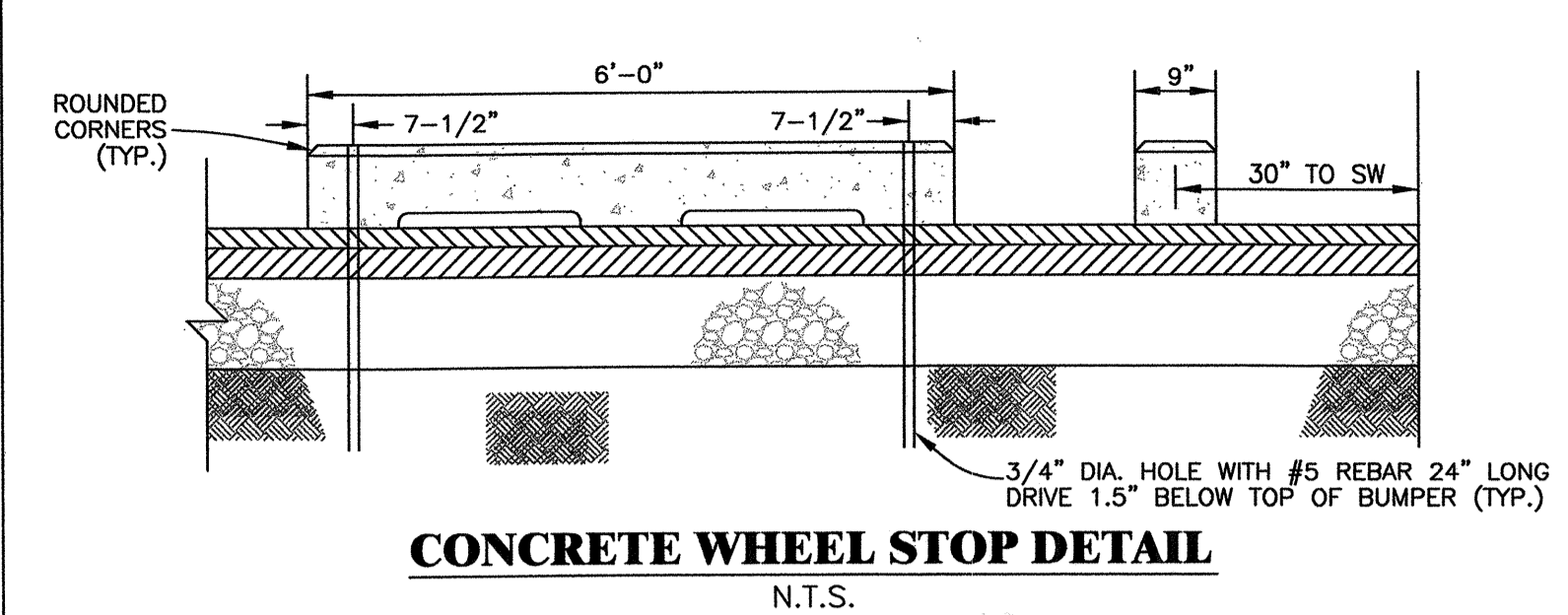
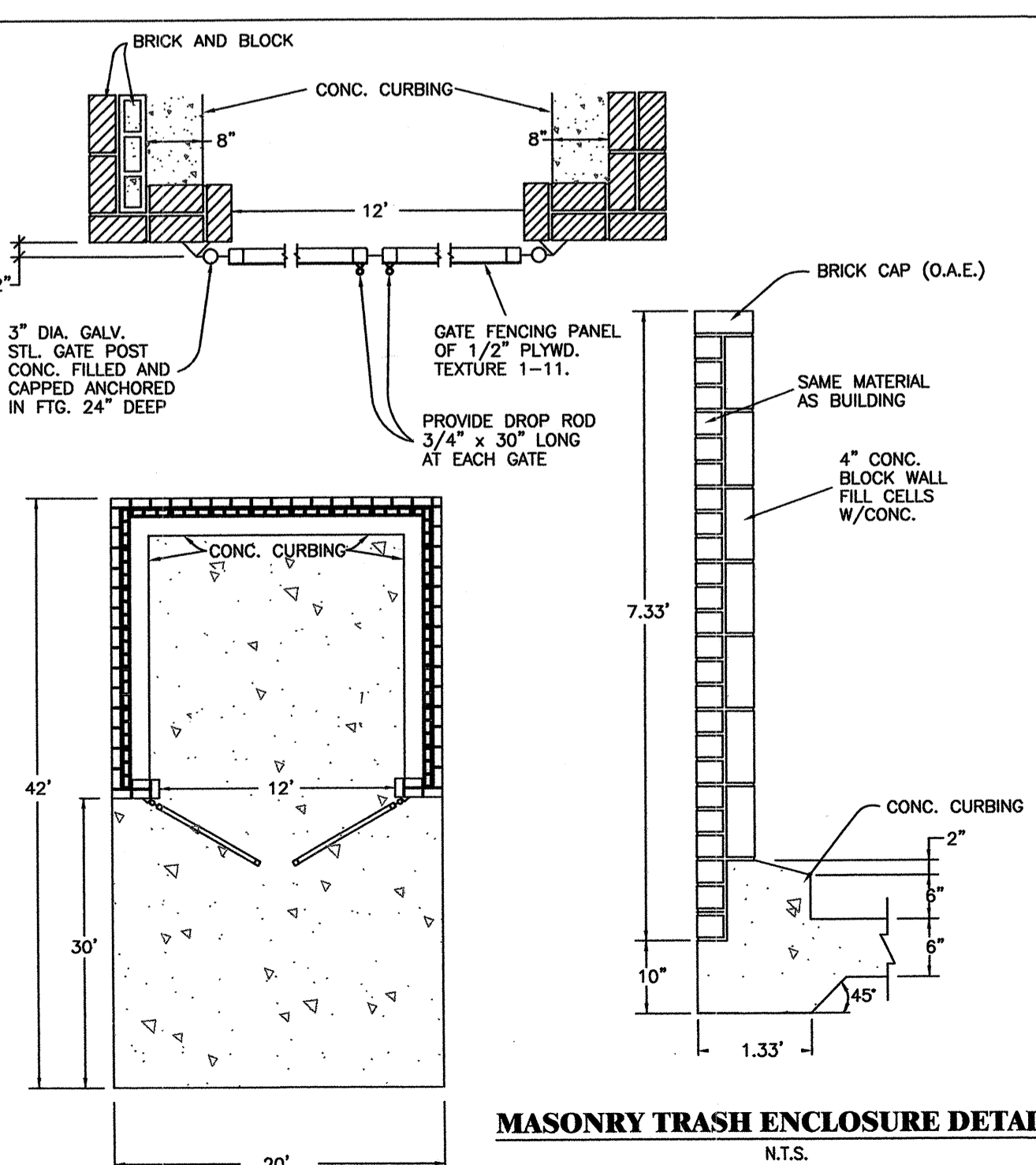
C.I. 7

SHEET
L1
C04 OF 1
FILE No.



GENERAL NOTES

- ALL CONSTRUCTION METHODS AND MATERIALS SHALL MEET THE LATEST REQUIREMENTS OF THE COUNTY OF STAFFORD AND THE VIRGINIA DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL NECESSARY PERMITS AND SHALL NOTIFY THE PROPER AUTHORITIES AT THE START OF CONSTRUCTION SO THAT THE WORK MAY BE INSPECTED.
- THE CONTRACTOR IS REQUIRED TO CALL "MISS UTILITY" AT 1-800-552-7001 AND HAVE UTILITIES LOCATED BEFORE UNDERTAKING ANY EXCAVATION. THIS ACTION DOES NOT RELIEVE THE CONTRACTOR OF INDEPENDENT VERIFICATION BY HIS OWN FORCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AT HIS OWN EXPENSE ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION.
- BAGBY, CALDWELL AND ASSOCIATES, P.C. DOES NOT CERTIFY AS TO THE LOCATION OF ANY UNDERGROUND UTILITIES NOR AS TO SOIL AND GROUND CONDITIONS.
- CONTRACTOR TO VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD BEFORE STARTING CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DIFFERENCES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING WITH MATCHING MATERIALS ANY PAVEMENT, DRIVEWAYS, WALKS, CURBS, ETC., THAT MUST BE CUT OR THAT ARE DAMAGED DURING CONSTRUCTION.
- CONTRACTOR TO INSTALL SANITARY SEWER CONNECTIONS AS SHOWN ON THE PLANS.
- CONTRACTOR SHALL INSTALL UTILITIES TO THE LIMIT SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL PROVIDE ALL STAKING SERVICES REQUIRED FOR ALIGNMENT AND GRADE OF SITE IMPROVEMENTS.
- THE DEVELOPER/CONTRACTOR WILL NOTIFY THE V.D.O.T. RESIDENCY OFFICE 72 HOURS PRIOR TO THE PLACEMENT OF BASE AND SURFACE MATERIALS.
- NO OCCUPANCY PERMIT SHALL BE ISSUED FOR DWELLING WITHIN THIS SECTION UNTIL THE FOLLOWING WORK IS COMPLETED. WATER AND SEWER SYSTEM, ALL DRAINAGE SYSTEMS INSTALLED AND COMPLETED IN ACCORDANCE WITH THE ENGINEER'S PLANS. ALL STREETS COMPLETED TO THE POINT THAT ALL ROADWAY DITCHES, SHOULDERS AND BASE MATERIAL ARE IN PLACE. ALL STREET RIGHT-OF-WAY AND ALL AREAS DISTURBED DURING CONSTRUCTION AND DEVELOPMENT SHALL BE SEEDED AND STABILIZED.
- A BURN PERMIT IS REQUIRED FOR ALL OPEN AIR BURNING IN STAFFORD COUNTY AND PERMIT MAY BE OBTAINED FROM THE FIRE MARSHALL'S OFFICE AFTER APPLICATION IS MADE TO THE DEPARTMENT OF CODE ADMINISTRATION COUNTER. PIT BURNING WITH AN AIR CURTAIN DESTRUCTOR DEVICE IS PERMITTED.



TEAC, LLC.
TYSONS ENGINEERING AND ARCHITECTURAL CONSULTANTS
ENGINEERS · ARCHITECTS
LANDSCAPE ARCHITECTS · SURVEYORS

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MCLEAN, VA 22102 TEL: (571) 344-3154
EMAIL: H.TYSONSENGINEERING@gmail.com

NO.	REVISION	DATE	MACHANICAL

SITE DETAILS

15' PERCHWOOD DRIVE AUTO SALES PARK

38 PARCEL 25H

AQUA MAGISTRAL DISTRICT STAFFORD, VIRGINIA

PROFESSIONAL SEAL

COMMISSIONER OF VIRGINIA

HAZEL M. TERRY
Lic. No. 023347
9/1/20

RPC#

PREPARED BY: C.E.

CHECKED BY: H.T., PE

DATE: 08/02/20

SCALE: 1" = 30'

PROJECT#

SHEET# C05