Site Plans

Issued for: **Local Approvals**

Date Issued: November 26, 2012

Latest Issue: February 18, 2020

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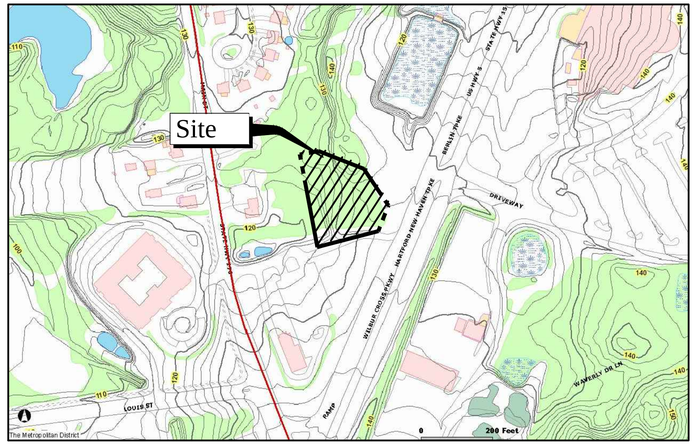
Proposed Firestone Complete Auto Care

2903 Berlin Turnpike
Newington, Connecticut



Site Location Map ↑ 0 100 200 Feet

Property Owners

Owner/Applicant:
SB Newington 433, LLC
3000 Internet Blvd., Suite 570
Frisco, Texas 75034
Phone (214) 872-4091 - Fax (214) 872-4001

Parcel ID #: A1000010
Map: 23 Block: 142 Lot: 00C

Architectural Consultant:
CASCO Corporation
10877 Watson Road
St. Louis, MO 63127
Phone: (314) 821-1100

Geotechincal Consultant
FES Group
772 30th Avenue North
St. Petersburg, Florida 33704
Ph 727.576.2000 · Fax 727.576.2022

Lighting Consultant:
Engineering Advantage, Inc.
2 Park Street
Boston, MA 02122
Phone: (617) 288-3969

Vanasse Hangen Brustlin, Inc.
Transportation
Land Development
Environmental Services

54 Tuttle Place
Middletown, Connecticut 06457
860.632.1500 • FAX 860.632.7879

STATE OF CONNECTICUT · PAUL VITALIANO · 22627 · LICENSED PROFESSIONAL ENGINEER · 3/20/2020

APPROVED BY THE NEWINGTON TOWN PLAN AND ZONING COMMISSION
PETITION NO. 38-12, 39-12, 40-12
AT THE MEETING OF: 4/10/13
CHAIRMAN: _____
DATE: _____

APPROVED BY THE NEWINGTON CONSERVATION COMMISSION
PETITION NO. 2012-28
AT THE MEETING OF: 12/18/12
CHAIRMAN: _____
DATE: _____

VHB Project No. 41671.00
2903 Berling Turnpike, Newington, CT
Issued for: Local Approvals 2/18/2020

J:\41671.00\CAD\LD\PLANSET\41671.00 - CV

Legend

Exist.	Prop.	
		PROPERTY LINE
		PROJECT LIMIT LINE
		RIGHT-OF-WAY/PROPERTY LINE
		EASEMENT
		BUILDING SETBACK
		PARKING SETBACK
10+00	10+00	BASELINE
		CONSTRUCTION LAYOUT
		ZONING LINE
		TOWN LINE
		LIMIT OF DISTURBANCE
-A-	-A-	WETLAND LINE WITH FLAG
		FLOODPLAIN
BLSF	BLSF	BORDERING LAND SUBJECT TO FLOODING
BZ	BZ	WETLAND BUFFER ZONE
NDZ	NDZ	NO DISTURB ZONE
200'RA	200'RA	200' RIVERFRONT AREA
		GRAVEL ROAD
EOP	EOP	EDGE OF PAVEMENT
BB	BB	BITUMINOUS BERM
BC	BC	BITUMINOUS CURB
CC	CC	CONCRETE CURB
CG	CG	CURB AND GUTTER
CC	ECC	EXTRUDED CONCRETE CURB
CC	MCC	MONOLITHIC CONCRETE CURB
CC	PCC	PRECAST CONC. CURB
SGE	SGE	SLOPED GRAN. EDGING
VGC	VGC	VERT. GRAN. CURB
		LIMIT OF CURB TYPE
		SAWCUT
		BUILDING
	EN	BUILDING ENTRANCE
	LD	LOADING DOCK
		BOLLARD
D	D	DUMPSTER PAD
		SIGN
		DOUBLE SIGN
		STEEL GUARDRAIL
		WOOD GUARDRAIL
		PATH
		TREE LINE
		WIRE FENCE
		FENCE
		STOCKADE FENCE
		STONE WALL
		RETAINING WALL
		STREAM / POND / WATER COURSE
		DETENTION BASIN
		HAY BALES
		SILT FENCE
		STRAW WATTLE
4	4	MINOR CONTOUR
20	20	MAJOR CONTOUR
(10)	(10)	PARKING COUNT
	(C10)	COMPACT PARKING STALLS
DYL	DYL	DOUBLE YELLOW LINE
SL	SL	STOP LINE
		CROSSWALK
		ACCESSIBLE CURB RAMP
		ACCESSIBLE PARKING
VAN	VAN	VAN-ACCESSIBLE PARKING

Exist.	Prop.	
		CONCRETE
		HEAVY DUTY PAVEMENT
		RIPRAP
		CONSTRUCTION ENTRANCE
27.35 TC×	27.35 TC×	TOP OF CURB ELEVATION
26.85 BC×	26.85 BC×	BOTTOM OF CURB ELEVATION
132.75 ×	132.75 ×	SPOT ELEVATION
45.0 TW× 38.5 BW×	45.0 TW× 38.5 BW×	TOP & BOTTOM OF WALL ELEVATION
		BORING LOCATION
		TEST PIT LOCATION
MW	MW	MONITORING WELL
UD	UD	UNDERDRAIN
12"D	12"D	DRAIN
6"RD	6"RD	ROOF DRAIN
12"S	12"S	SEWER
FM	FM	FORCE MAIN
OHW	OHW	OVERHEAD WIRE
6"W	6"W	WATER
4"FP	4"FP	FIRE PROTECTION
	2"DW	DOMESTIC WATER
3"G	G	GAS
E	E	ELECTRIC
STM	STM	STEAM
T	T	TELEPHONE
FA	FA	FIRE ALARM
CATV	CATV	CABLE TV
		CATCH BASIN
		DOUBLE CATCH BASIN
		GUTTER INLET
		DRAIN MANHOLE
TD		TRENCH DRAIN
		PLUG OR CAP
CO	CO	CLEANOUT
		FLARED END SECTION
		HEADWALL
S		SEWER MANHOLE
CS	CS	CURB STOP & BOX
WV	WV	WATER VALVE & BOX
TSV	TSV	TAPPING SLEEVE, VALVE & BOX
		SIAMESE CONNECTION
HYD	HYD	FIRE HYDRANT
WM	WM	WATER METER
PIV	PIV	POST INDICATOR VALVE
W	W	WATER WELL
GG	GG	GAS GATE
GM	GM	GAS METER
E	EMH	ELECTRIC MANHOLE
EM	EM	ELECTRIC METER
		LIGHT POLE
T	TMH	TELEPHONE MANHOLE
T	T	TRANSFORMER PAD
		UTILITY POLE
		GUY POLE
		GUY WIRE & ANCHOR
HH	HH	HAND HOLE
PB	PB	PULL BOX
Matchline		MATCHLINE

Abbreviations

General

ABAN	ABANDON
ACR	ACCESSIBLE CURB RAMP
ADJ	ADJUST
APPROX	APPROXIMATE
BIT	BITUMINOUS
BS	BOTTOM OF SLOPE
BWLL	BROKEN WHITE LANE LINE
CONC	CONCRETE
DYCL	DOUBLE YELLOW CENTER LINE
EL	ELEVATION
ELEV	ELEVATION
EXIST	EXISTING
FDN	FOUNDATION
FFE	FIRST FLOOR ELEVATION
GRAN	GRANITE
GTD	GRADE TO DRAIN
LA	LANDSCAPE AREA
LOD	LIMIT OF DISTURBANCE
MAX	MAXIMUM
MIN	MINIMUM
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PERF	PERFORATED
PROP	PROPOSED
REM	REMOVE
RET	RETAIN
R&D	REMOVE AND DISPOSE
R&R	REMOVE AND RESET
SWEL	SOLID WHITE EDGE LINE
SWLL	SOLID WHITE LANE LINE
TS	TOP OF SLOPE
TYP	TYPICAL

Utility

CB	CATCH BASIN
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
DCB	DOUBLE CATCH BASIN
DMH	DRAIN MANHOLE
CIP	CAST IRON PIPE
COND	CONDUIT
DIP	DUCTILE IRON PIPE
FES	FLARED END SECTION
FM	FORCE MAIN
F&G	FRAME AND GRATE
F&C	FRAME AND COVER
GI	GUTTER INLET
GT	GREASE TRAP
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HH	HANDHOLE
HW	HEADWALL
HYD	HYDRANT
INV	INVERT ELEVATION
I=	INVERT ELEVATION
LP	LIGHT POLE
MES	METAL END SECTION
OCS	OUTLET CONTROL STRUCTURE
OWS	OIL/WATER SEPERATOR
PWW	PAVED WATER WAY
PVC	POLYVINYLCHLORIDE PIPE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
R=	RIM ELEVATION
SMH	SEWER MANHOLE
TSV	TAPPING SLEEVE, VALVE AND BOX
UG	UNDERGROUND
UP	UTILITY POLE
WQU	WATER QUALITY UNIT

Notes:

General

1. CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" (1-800-922-4455) AT LEAST 72 HOURS BEFORE EXCAVATING. ALL UTILITY LOCATION SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
3. ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).
4. AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE 6 INCHES LOAM AND SEED.
5. WITHIN THE LIMITS OF THE BUILDING FOOTPRINT, THE SITE CONTRACTOR SHALL PERFORM EARTHWORK OPERATIONS REQUIRED UP TO SUBGRADE ELEVATIONS.
6. WORK WITHIN THE LOCAL RIGHTS-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS. WORK WITHIN STATE RIGHTS-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE STATE HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
7. UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
8. TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
9. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
10. IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
11. CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
12. DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
13. CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.

Utilities

1. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR IT'S REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT AND CONTRACTOR'S FAILURE TO NOTIFY PRIOR TO PERFORMING ADDITIONAL WORK RELEASES OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
3. SET CATCH BASIN RIMS, AND INVERTS OF SEWERS, DRAINS, AND DITCHES IN ACCORDANCE WITH ELEVATIONS ON THE GRADING AND UTILITY PLANS.
4. RIM ELEVATIONS FOR DRAIN AND SEWER MANHOLES, WATER VALVE COVERS, GAS GATES, ELECTRIC AND TELEPHONE PULL BOXES, AND MANHOLES, AND OTHER SUCH ITEMS, ARE APPROXIMATE AND SHALL BE SET/RESET AS FOLLOWS:
   A. PAVEMENTS AND CONCRETE SURFACES: FLUSH
   B. ALL SURFACES ALONG ACCESSIBLE ROUTES: FLUSH
   C. LANDSCAPE, LOAM AND SEED, AND OTHER EARTH SURFACE AREAS: ONE INCH ABOVE SURROUNDING AREA AND TAPER EARTH TO THE RIM ELEVATION.
5. THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRIC, FIRE ALARM, ETC.). FINAL DESIGN LOADS AND LOCATIONS TO BE COORDINATED WITH OWNER AND ARCHITECT.
6. CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE RELOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY THE UTILITIES COMPANY.
7. UTILITY PIPE MATERIALS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN:
   A. WATER PIPES SHALL BE DUCTILE IRON PIPE (DIP). 2-INCH DIAMETER OR LESS SHALL BE TYPE K COPPER.
   B. SANITARY SEWER PIPES SHALL BE POLYVINYL CHLORIDE (PVC) SEWER PIPE
   C. STORM DRAINAGE PIPES SHALL BE HIGH DENSITY POLYETHYLENE PIPE (HDPE) WITH SMOOTH INTERIOR MEETING THE REQUIREMENTS OF ASTM 3034, RATED SDR 35.
   D. ROOF DRAIN PIPES SHALL BE POLYVINYL CHLORIDE (PVC) MEETING THE REQUIREMENTS OF ASTM 3034, RATED SDR 35.
8. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND SHALL FURNISH EXCAVATION, INSTALLATION, AND BACKFILL OF ELECTRICAL FURNISHED SITEWORK RELATED ITEMS SUCH AS PULL BOXES, CONDUITS, DUCT BANKS, LIGHT POLE BASES, AND CONCRETE PADS. SITE CONTRACTOR SHALL FURNISH CONCRETE ENCASEMENT OF DUCT BANKS IF REQUIRED BY THE UTILITY COMPANY AND AS INDICATED ON THE DRAWINGS.
9. CONTRACTOR SHALL EXCAVATE AND BACKFILL TRENCHES FOR GAS IN ACCORDANCE WITH GAS COMPANY'S REQUIREMENTS.
10. ALL DRAINAGE AND SANITARY STRUCTURE INTERIOR DIAMETERS (4' MIN.) SHALL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS AND LOCAL MUNICIPAL STANDARDS. FOR MANHOLES THAT ARE 20 FEET IN DEPTH AND GREATER, THE MINIMUM DIAMETER SHALL BE 5 FEET.

Layout and Materials

1. DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
2. CURB RADII ARE 3 FEET UNLESS OTHERWISE NOTED.
3. CURBING SHALL BE PRECAST CONCRETE (PCC) WITHIN THE SITE UNLESS OTHERWISE INDICATED ON THE PLANS.
4. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIGUOUS TO THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.
5. PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
6. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
7. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
8. CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.

Demolition

1. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS. REMOVE AND DISPOSE OF EXISTING UTILITIES, FOUNDATIONS AND UNSUITABLE MATERIAL BENEATH AND FOR A DISTANCE OF 10 FEET BEYOND THE PROPOSED BUILDING FOOTPRINT INCLUDING EXTERIOR COLUMNS.
2. EXISTING UTILITIES SHALL BE TERMINATED, UNLESS OTHERWISE NOTED, IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. THE CONTRACTOR SHALL COORDINATE UTILITY SERVICE DISCONNECTS WITH THE UTILITY REPRESENTATIVES.
3. CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.
4 THE DEMOLITION LIMITS DEPICTED IN THE PLANS IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE WORK.
5. UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIALS, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. MOREOVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS.

Erosion Control

1. PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
2. CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES, AND REMOVE SEDIMENT THEREFROM ON A WEEKLY BASIS AND WITHIN TWELVE HOURS AFTER EACH STORM EVENT AND DISPOSE OF SEDIMENTS IN AN UPLAND AREA SUCH THAT THEY DO NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
3. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
4. CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
5. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.

Existing Conditions Information

1. BASE PLAN: THE PROPERTY LINES SHOWN WERE DETERMINED BY AN ACTUAL FIELD SURVEY CONDUCTED BY VHB, INC. THE TOPOGRAPHY AND PHYSICAL FEATURES ARE BASED ON AN ACTUAL FIELD SURVEY PERFORMED ON THE GROUND BY VHB, INC., DURING NOVEMBER 2007 AND UPDATED DURING SEPTEMBER 2010.
   A. DELINEATION OF THE WETLANDS AND PLACEMENT OF THE FLAGS WAS PERFORMED BY DEAN GUSTAFSON, A CONNECTICUT REGISTERED PROFESSIONAL SOIL SCIENTIST WITH APT ON MAY 10, 2012.
   B. FLAGS MARKING THE WETLANDS WERE LOCATED BY VHB, INC. BY FIELD SURVEY.
2. TOPOGRAPHY: ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. GEOTECHNICAL DATA INCLUDING TEST PIT AND BORING LOCATIONS AND ELEVATIONS WERE OBTAINED FROM REPORT OF GEOTECHNICAL EXPLORATIONS PREPARED BY FES GROUP, L.L.C.; DATED SEPTEMBER 17, 2010.

APPROVED BY THE NEWINGTON TOWN PLAN AND ZONING COMMISSION

PETITION NO. 38-12, 39-12, 40-12

AT THE MEETING OF: 4/10/13

CHAIRMAN: _____

DATE: _____

APPROVED BY THE NEWINGTON CONSERVATION COMMISSION

PETITION NO. 2012-28

AT THE MEETING OF: 12/18/12

CHAIRMAN: _____

DATE: _____

VHB
Vanasse Hangen Brustlin, Inc.

Firestone COMPLETE AUTO CARE

THIS DRAWING IS THE PROPERTY OF BRIDGESTONE RETAIL OPERATIONS, LLC AND IS LOANED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED IN ANY WAY DELETERIOUS TO THE INTERESTS OF BRIDGESTONE RETAIL OPERATIONS, LLC. THIS DRAWING IS NOT TO BE REPRODUCED, COPIED OR ASSIGNED TO ANY PERSON, FIRM OR CORPORATION WITHOUT THE EXPRESS WRITTEN PERMISSION AND ADMISSION TO THE EXCLUSIVE OWNERSHIP IN AND TO THE DRAWING BY BRIDGESTONE RETAIL OPERATIONS, LLC

FIRESTONE COMPLETE AUTO CARE
2903 BERLIN TURNPIKE
NEWINGTON, CT 06111
OWNER: WEX-TUCK REALTY, L.L.C.
121 PARK STREET
NEW CANAAN, CT 06840

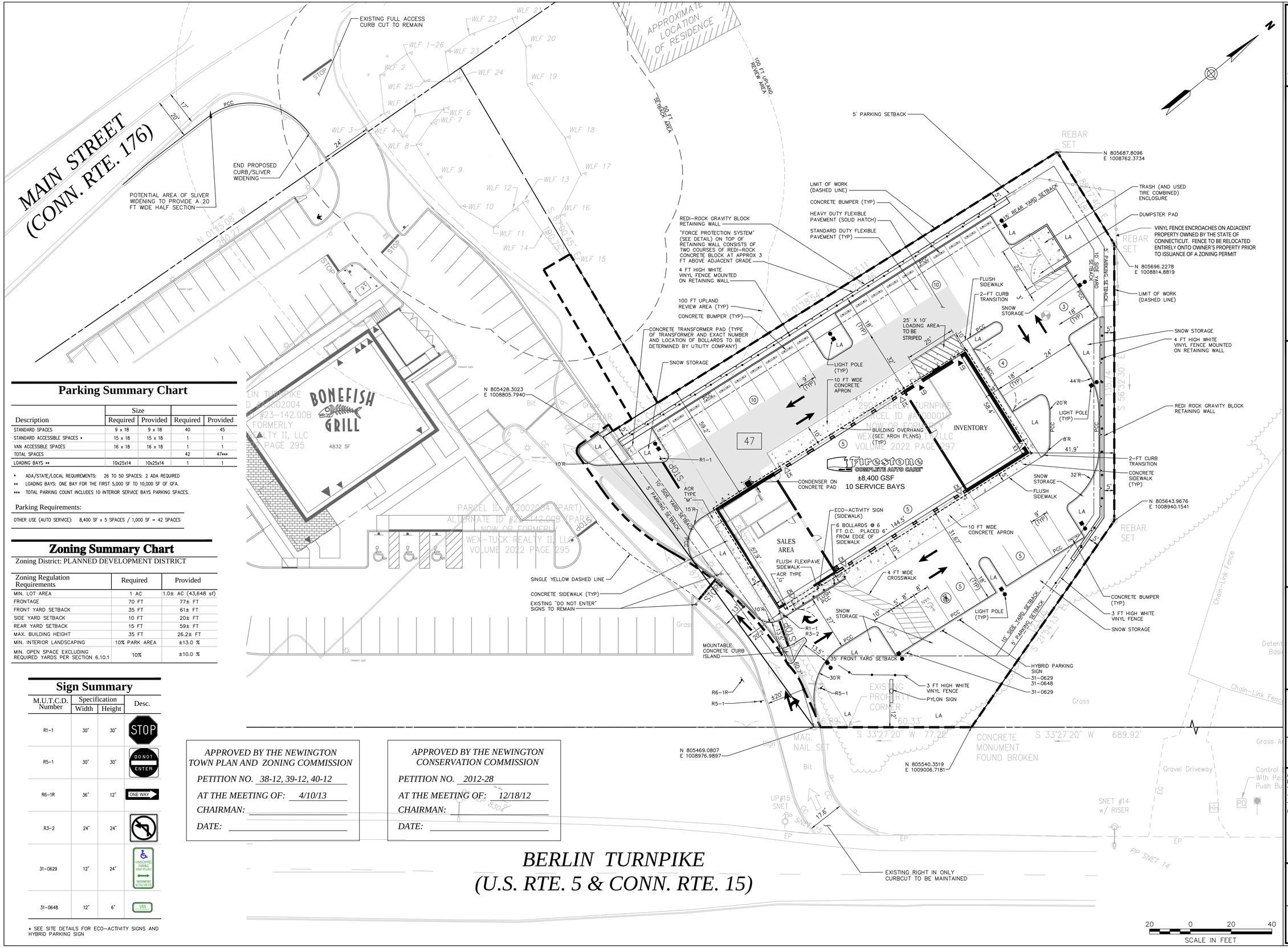
STATE OF CONNECTICUT
PAUL VITALIANO
22627
LICENSED PROFESSIONAL ENGINEER
3/20/2020

ZONE APPROVAL	(BY/DATE):
VP.	
CONTR.	
RM.	
CM.	
PROPERTY NO.:	000000
6 DIGIT NO.:	000000
4 DIGIT NO.:	0000

AOR PROJECT NUMBER: xxxxxx
LOCAL APPROVALS: DATE: 11-26-12
TOWN COMMENTS: DATE: 01-22-13
TOWN COMMENTS: DATE: 04-19-13
TOWN COMMENTS: DATE: 05-08-13

SHEET TITLE:
LEGEND AND GENERAL NOTES

SHEET NUMBER:
C-1



Parking Summary Chart

Description	Size Required	Size Provided	Required	Provided
STANDARD SPACES	9 x 18	9 x 18	40	45
STANDARD ACCESSIBLE SPACES *	15 x 18	15 x 18	1	1
VAN ACCESSIBLE SPACES	16 x 18	16 x 18	1	1
TOTAL SPACES			42	47***
LOADING BAYS **	10x25x14	10x25x14	1	1

* ADA/STATE/LOCAL REQUIREMENTS: 26 TO 50 SPACES: 2 ADA REQUIRED

** LOADING BAYS: ONE BAY FOR THE FIRST 5,000 SF TO 10,000 SF OF GFA.

*** TOTAL PARKING COUNT INCLUDES 10 INTERIOR SERVICE BAYS PARKING SPACES.

Parking Requirements:

OTHER USE (AUTO SERVICE): 8,400 SF x 5 SPACES / 1,000 SF = 42 SPACES

Zoning Summary Chart

Zoning District: PLANNED DEVELOPMENT DISTRICT

Zoning Regulation Requirements	Required	Provided
MIN. LOT AREA	1 AC	1.0± AC (43,648 sf)
FRONTAGE	70 FT	77± FT
FRONT YARD SETBACK	35 FT	61± FT
SIDE YARD SETBACK	10 FT	20± FT
REAR YARD SETBACK	15 FT	59± FT
MAX. BUILDING HEIGHT	35 FT	26.2± FT
MIN. INTERIOR LANDSCAPING	10% PARK AREA	±13.0 %
MIN. OPEN SPACE EXCLUDING REQUIRED YARDS PER SECTION 6.10.1	10%	±10.0 %

Sign Summary

M.U.T.C.D. Number	Specification Width	Specification Height	Desc.
R1-1	30"	30"	STOP
R5-1	30"	30"	DO NOT ENTER
R6-1R	36"	12"	ONE WAY
R3-2	24"	24"	
31-0629	12"	24"	HANDICAPPED PARKING PERMIT REQUIRED
31-0648	12"	6"	VAN ACCESSIBLE

* SEE SITE DETAILS FOR ECO-ACTIVITY SIGNS AND HYBRID PARKING SIGN

APPROVED BY THE NEWINGTON TOWN PLAN AND ZONING COMMISSION

PETITION NO. 38-12, 39-12, 40-12

AT THE MEETING OF: 4/10/13

CHAIRMAN: _____

DATE: _____

APPROVED BY THE NEWINGTON CONSERVATION COMMISSION

PETITION NO. 2012-28

AT THE MEETING OF: 12/18/12

CHAIRMAN: _____

DATE: _____

VHB
Vanasse Hangen Brustlin, Inc.

Firestone COMPLETE AUTO CARE

THIS DRAWING IS THE PROPERTY OF BRIDGESTONE RETAIL OPERATIONS, LLC AND IS LOANED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED IN ANY WAY DELETERIOUS TO THE INTERESTS OF BRIDGESTONE RETAIL OPERATIONS, LLC. IT IS NOT TO BE REPRODUCED IN ANY MANNER, NOR ARE ANY OF THE DETAILS SHOWN HEREON TO BE DISCLOSED TO ANY ADMISSION TO THE EXCLUSIVE OWNERSHIP IN AND TO THE DRAWING BY BRIDGESTONE RETAIL OPERATIONS, LLC.

FIRESTONE COMPLETE AUTO CARE
2903 BERLIN TURNPIKE
NEWINGTON, CT 06111
OWNER: WEX-TUCK REALTY, L.L.C.
121 PARK STREET
NEW CANAAN, CT 06840

STATE OF CONNECTICUT
VITAL
Michael A. Migliano
22627
LICENSED
PROFESSIONAL ENGINEER
3/20/2020

	(BY/DATE):
ZONE APPROVAL	
VP.	
CONTR.	
RM.	
CM.	
PROPERTY NO.:	000000
6 DIGIT NO.:	000000
4 DIGIT NO.:	0000

AOR PROJECT NUMBER: xxxxxx
LOCAL APPROVALS: DATE: 11-26-12
TOWN COMMENTS: DATE: 01-22-13
TOWN COMMENTS: DATE: 04-19-13
TOWN COMMENTS: DATE: 05-08-13
FENCE ADDED: DATE: 02-18-20

SHEET TITLE:
LAYOUT AND MATERIALS PLAN

SHEET NUMBER:
C-3

MAIN STREET
(CONN. RTE. 176)

EX DMH 11
R=123.16
I=118.6 (DCB11)
I=118.5 (OUT)

CONVERT EXISTING CATCH BASIN TO MANHOLE.

DCB 12 TYPE 'C'
R=123.1
I=118.7 (OUT)

15"RCP 5
LF S=1.7%

SMH7
R=130.4

5.3%

DROP MANHOLE
SMH6
R=131.6

BONEFISH GRILL
FFE=130.15
4832 SF

LIMIT OF WORK (DASHED LINE)

LIMIT OF WORK (DASHED LINE)

TAPER "FORCE PROTECTION SYSTEM" AT END OF WALL TO MEET FLUSH WITH GRADE.

100 FT UPLAND REVIEW AREA

50 FT SETBACK AREA

RIP RAP CHANNEL (SEE DETAIL)

PROPOSED GRADING SHOWN ON ADJACENT PARCEL IS BASED ON AVAILABLE INFORMATION FOR THE PROPOSED BONEFISH SITE AND IS FOR PLANNING PURPOSED ONLY. PRIOR TO FIRESTONE CONSTRUCTION. CONTRACTOR SHALL FIELD VERIFY FINAL GRADES ON ADJACENT PARCEL ALONG LIMIT OF WORK.

UNDERGROUND INFILTRATION SYSTEM. 36" PERFORATED HDPE PIPES LAID FLAT.
BOT. ELV.=120.0
TOP ELV.=123.0

"FORCE PROTECTION SYSTEM" (SEE DETAIL) ON TOP OF RETAINING WALL CONSISTS OF TWO COURSES OF REDI-ROCK CONCRETE BLOCK AT APPROX 3 FT ABOVE ADJACENT GRADE

REDI-ROCK GRAVITY BLOCK RETAINING WALL (NO EXCEPTIONS)

TAPER "FORCE PROTECTION SYSTEM" AT END OF WALL TO MEET FLUSH WITH GRADE.

EXISTING TREE LINE TO REMAIN ALONG PROPERTY LINE

EXISTING TREE LINE TO REMAIN ALONG PROPERTY LINE

LIMIT OF WORK (DASHED LINE)

(CB5)
R=128.0
I=124.1 (CB6)
I=124.0 (OUT)

STORMCEPTOR STC 900 WATER QUALITY UNIT (WQU) OR APPROVED EQUAL.

(WQU3)
R=128.2
I=122.6 (DMH4)
I=122.3 (OUT)

(DMH4)
R=128.2
I=123.7 (CB5)
I=123.0 (CB7)
I=122.7 (OUT)

(DMH10)
R=128.9
I=123.7 (ROOF N)
I=124.0 (ROOF S)
I=122.3 (OUT)

SMH2
R=128.8

(CB6)
R=128.1
I=125.1 (OUT)

(OCS2)
R=128.5
I=120.8 (UOS)
I=119.8 (OUT)

INSPECTION PORTS

INV=122.0

12" HDPE 88 LF S=1.0

8" PVC

(CB7)
R=127.9
I=123.8 (CB8)
I=123.7 (OUT)

OWS1
R=128.5

INV= 119.5

12" HDPE 109 LF S=0.9%

INSPECTION PORTS

6" HDPE 6 LF S=3.3%

INV=121.0 (OUT)

8" PVC 183 LF S=1.0%

6" PVC RD INV.=126.1(TYP)

INVENTORY

8" PVC 230 LF S=1.0%

8" PVC 61 LF S=1.1%

12" HDPE 70 LF S=1.0%

REDI-ROCK GRAVITY BLOCK RETAINING WALL (NO EXCEPTIONS).

FFE=129.1

SALES AREA

DEEP SUMP CATCHBASIN WITH OIL/DEBRIS TRAP (TYP)

FLUSH CURB

TRANSITION TO FULL DEPTH CURB

(CB8)
R=128.5
I=124.6 (CB9)
I=124.5 (OUT)

(CB9)
R=128.3
I=125.3 (OUT)

EXISTING PROPERTY CORNER

PROPOSED GRADING SHOWN ON ADJACENT PARCEL IS BASED ON AVAILABLE INFORMATION FOR THE PROPOSED BONEFISH SITE AND IS FOR PLANNING PURPOSED ONLY. PRIOR TO FIRESTONE CONSTRUCTION. CONTRACTOR SHALL FIELD VERIFY FINAL GRADES ON ADJACENT PARCEL ALONG LIMIT OF WORK

ADJUST CATCH BASIN TO CURBLINE

(AD)
R=129.0
I=125.8 (ROOF E)
I=125.8 (OUT)

SMH4
R=128.5

SMH5
R=129.9

SMH3
R=129.0

LIMIT OF WORK (DASHED LINE)

PARCEL ID #2002004 (PART)
ALTERNATE ID #23-142.00B (PART)
NOW OR FORMERLY
WEX-TUCK REALTY II, LLC
VOLUME 2022 PAGE 295

PARCEL ID #2002004 (PART)
ALTERNATE ID #23-142.00B (PART)
NOW OR FORMERLY
WEX-TUCK REALTY II, LLC
VOLUME 2022 PAGE 295

2900 BERLIN TURNPIKE
NOW OR FORMERLY
WEX-TUCK REALTY II, LLC
PAGE 295

2900 BERLIN TURNPIKE
NOW OR FORMERLY
WEX-TUCK REALTY II, LLC
VOLUME 2022 PAGE 297

PARCEL ID #2000014
NOW OR FORMERLY
WEX-TUCK REALTY II, LLC
VOLUME 2022 PAGE 297

N 01°18'54" W 689.92'

S 33°27'20" W 77.28'

S 33°27'20" W 689.92'

60.33'

NOTE:
MAINTAIN MAXIMUM 2% CROSS SLOPE ALONG ACCESSIBLE ROUTE, ACCESSIBLE PARKING SPACES, AND ACCESSIBLE ACCESS AISLES (TYP)

PP CLP B303

PP CLP B304

UP#15 SNET

SNET #14 w/ RISER

Control With Ped Push Bu

PP SMH#15

BENCHMARK
REBAR WITH RED CAP
DATUM=NAVD88
ELEVATION=132.91

APPROVED BY THE NEWINGTON TOWN PLAN AND ZONING COMMISSION

PETITION NO. 38-12, 39-12, 40-12

AT THE MEETING OF: 4/10/13

CHAIRMAN: _____

DATE: _____

APPROVED BY THE NEWINGTON CONSERVATION COMMISSION

PETITION NO. 2012-28

AT THE MEETING OF: 12/18/12

CHAIRMAN: _____

DATE: _____

BERLIN TURNPIKE
(U.S. RTE. 5 & CONN. RTE. 15)

20 0 20 40
SCALE IN FEET

VHB
Vanasse Hangen Brustlin, Inc.

Firestone COMPLETE AUTO CARE since 1928

THIS DRAWING IS THE PROPERTY OF BRIDGESTONE RETAIL OPERATIONS, LLC AND IS LOANED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED IN ANY WAY DELETERIOUS TO THE INTERESTS OF BRIDGESTONE RETAIL OPERATIONS, LLC. THIS DRAWING IS NOT TO BE REPRODUCED, COPIED OR ASSIGNED TO ANY PERSON, FIRM OR CORPORATION NOT AUTHORIZED BY ADAMSSON TO THE EXCLUSIVE OWNERSHIP IN AND TO THE DRAWING BY BRIDGESTONE RETAIL OPERATIONS, LLC.

FIRESTONE COMPLETE AUTO CARE
2903 BERLIN TURNPIKE
NEWINGTON, CT 06111
OWNER: WEX-TUCK REALTY, L.L.C.
121 PARK STREET
NEW CANAAN, CT 06840

STATE OF CONNECTICUT
PAUL VITALIANO
22627
LICENSED PROFESSIONAL ENGINEER
3/20/2020

ZONE APPROVAL	(BY/DATE):
VP.	
CONTR.	
RM.	
CM.	

PROPERTY NO.:	000000
6 DIGIT NO.:	000000
4 DIGIT NO.:	0000

AOR PROJECT NUMBER:	xxxxxx
LOCAL APPROVALS:	DATE: 11-26-12
TOWN COMMENTS:	DATE: 01-22-13
TOWN COMMENTS:	DATE: 04-19-13
TOWN COMMENTS:	DATE: 05-08-13
FENCE ADDED:	DATE: 02-18-20

SHEET TITLE:
GRADING AND DRAINAGE PLAN

SHEET NUMBER:
C-4

MAIN STREET
(CONN. RTE. 176)

BERLIN TURNPIKE
(U.S. RTE. 5 & CONN. RTE. 15)

EX DMH 11
R=123.16
I=118.6 (DCB11)
I=118.5 (OUT)

CONVERT EXISTING CATCH BASIN TO MANHOLE.

DCB 12 TYPE 'C'
R=123.1
I=118.7 (OUT)

15"RCP 5 LF S=1.7%

CB
RIM=123.16'
Inv(1)=118.5'

CB
RIM=123.67'
Inv(1)=118.9'

CB
RIM=122.16'
Inv(1)=118.1'

MH
RIM=123.39'
Water El=117.7'
Bottom=110.5'

MH
RIM=123.43'
Inv(1)=118.5'
Inv(2)=118.5'

CB
RIM=121.09'
Inv(1)=116.0'
Inv(2)=116.9'
TOP OF HOOD=117.9'

CB
RIM=117.81'

MH
RIM=123.14'
Bottom=116.4'
El=123.54'
Bottom=116.3'

18" RCP
INV=114.30'

12" CPP
INV=116.91'

8" CPP
INV=114.70'

15" CPP
INV=115.76'

WLF 1-26
WLF 2
WLF 3
WLF 4
WLF 5
WLF 6
WLF 7
WLF 8
WLF 9
WLF 10
WLF 11
WLF 12
WLF 13
WLF 14
WLF 15
WLF 16
WLF 17
WLF 18
WLF 19
WLF 20
WLF 21
WLF 22
WLF 23
WLF 24
WLF 25

50 FT SETBACK AREA

100 FT UPLAND REVIEW AREA

N 01°41'08" W 280.47'

S 23°00'45" E 180.75'

CONNECT TO EXISTING SEWER MANHOLE. INV=118.8

SMH7
R=130.4
I=119.1 (SMH6)
I=119.0 (OUT)

SAN MH
RIM=129.29'
Inv(1)=117.1'
Inv(2)=117.1'
Inv(3)=117.0'

6" PVC

MH-DRYWELL
RIM=131.79'
Bot=131.8'

DROP MANHOLE
SMH6
R=131.0
I=119.7 (SMH5)
I=122.95 (BLDG)
I=119.6 (OUT)

290 BERLIN TURNPIKE
PARCEL ID #002004
NOW OR FORMERLY
WEX-TUCK REALTY II, LLC
VOLUME 2022 PAGE 295

BONEFISH GRILL
FFE=130.15
4832 SF

STEEL BEND

LIMIT OF WORK (DASHED LINE)

CONTINUE ELECTRICAL SERVICE FROM STUB TO TRANSFORMER. COORDINATE WITH UTILITY COMPANY.

CONCRETE TRANSFORMER PAD (TYPE OF TRANSFORMER AND EXACT NUMBER AND LOCATION OF BOLLARDS TO BE DETERMINED BY UTILITY COMPANY)

UNDERGROUND INFILTRATION SYSTEM. 36" PERFORATED HDPE PIPES LAID FLAT. BOT. ELV.=120.0 TOP ELV.=123.0

(CB5)
R=126.0
I=124.1 (CB6)
I=124.0 (OUT)

STORMCEPTOR STC 900 WATER QUALITY UNIT (WQU) OR APPROVED EQUAL.

(WQU3)
R=128.2
I=122.6 (DMH4)
I=122.3 (OUT)

(DMH4)
R=128.2
I=123.7 (CB5)
I=123.0 (CB7)
I=122.7 (OUT)

(DMH10)
R=128.9
I=123.7 (ROOF N)
I=124.0 (ROOF S)
I=122.3 (OUT)

SMH2
R=128.8
I=124.9 (OSW1)
I=124.8 (OUT)

(CB6)
R=128.1
I=125.1 (OUT)

(OCS2)
R=128.5
I=120.8 (UCS)
I=119.8 (OUT)

INV=119.5

INV=122.0

INSPECTION PORTS

12" HDPE 109 LF S=0.9%

6" HDPE 6 LF S=3.3%

INV=121.0 (OUT)

8" PVC 125

8" PVC 193 LF S=1.0%

6" PVC RD INV.=126.1(TYP)

12" HDPE 4 LF S=1.5%

12" HDPE 5 LF S=2.0%

12" HDPE 15 LF

8" PVC

12" HDPE 88 LF S=1.0

SEE SEWER LINE INSULATION DETAIL. INSULATE SEWER LINE WHEN COVER IS LESS THAN 4'-FT (TYP)

INV=125.25

(CB7)
R=127.9
I=123.8 (CB8)
I=123.7 (OUT)

OWS1
R=128.5
I=125.5 (BLDG)
I=125.3 (OUT)

GAS METER
4" SEWER INV.=125.8 @ 5 FT OFF BUILDING

OIL/WATER SEPARATOR

INVENTORY
4" SEWER. INV.=125.7
@ 5 FT OFF BUILDING

6" PVC RD INV.=126.1(TYP)

12" HDPE 70 LF S=1.0%

CONDENSER

ELECTRIC METER

FFE=129.1

6" PVC RD INV.=126.1(TYP)

8" PVC 230 LF S=1.0%

12" HDPE 61 LF S=1.1%

SALES AREA

DEEP SUMP CATCHBASIN WITH OIL/DEBRIS TRAP (TYP)

(CB8)
R=128.5
I=124.6 (CB9)
I=124.5 (OUT)

(CB9)
R=128.3
I=125.3 (OUT)

LIMIT OF WORK (DASHED LINE)

S 33°27'20" W 689.92'

SMH3
R=129.0
I=123.5 (STUB)
I=123.4 (OUT)

SANITARY SEWER EXTENSION TO FIRESTONE

CONNECT TO EXISTING WATER STUB

CONNECT SEWER TO EXISTING SEWER MANHOLE. INV=123.5

SMH4
R=128.5
I=123.0 (SMH3)
I=122.9 (OUT)

(AD)
R=129.0
I=125.8 (ROOF E)
I=125.8 (OUT)

SMH5
R=129.9
I=122.0 (SMH4)
I=120.1 (OUT)

SANITARY SEWER EXTENSION TO FIRESTONE

6" PVC

4-INCH SCHEDULE 40 PVC (TYP)

EXISTING 4373 SF BANK

Bollard/Post

SAN MH
RIM=131.56'

SAN MH
RIM=131.55'

MH-DRYWELL
RIM=132.89'
Inv(1)=±129.9'
Inv(2)=±129.9'
Bottom=123.2'

CB
RIM=131.57'
Inv(1)=127.7'
Inv(2)=127.6'

PP CLP 8303

CONNECT TO EXISTING UTILITY POLE WITH RISER

PP CLP 8304

EXISTING PROPERTY CORNER

UTILITY COMPANY TO EXTEND OVERHEAD UTILITIES TO SNET POLE #14 FROM CLP POLE #8304. CONNECT TELEPHONE AND CABLE SERVICE TO SNET POLE #14 WITH RISER.

CONNECT TO EXISTING GAS MAIN. COORDINATE WITH GAS COMPANY.

6"Stl.

6"P.C.Stl.

UP #15 SNET

PP SNET 15

PP SNET 14

SNET #14 W/ RISER

OHW

BENCHMARK
REBAR WITH RED CAP
DATUM=NAVD88
ELEVATION=132.91

CB
RIM=132.38'

CB
RIM=134.72'

APPROVED BY THE NEWINGTON TOWN PLAN AND ZONING COMMISSION

PETITION NO. 38-12, 39-12, 40-12

AT THE MEETING OF: 4/10/13

CHAIRMAN: _____

DATE: _____

APPROVED BY THE NEWINGTON CONSERVATION COMMISSION

PETITION NO. 2012-28

AT THE MEETING OF: 12/18/12

CHAIRMAN: _____

DATE: _____

20 0 20 40
SCALE IN FEET

VHB
Vanasse Hangen Brustlin, Inc.

Firestone COMPLETE AUTO CARE since 1928

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FIRESTONE COMPLETE AUTO CARE
2903 BERLIN TURNPIKE
NEWINGTON, CT 06111
OWNER: WEX-TUCK REALTY, L.L.C.
121 PARK STREET
NEW CANAAN, CT 06840

STATE OF CONNECTICUT
PAUL VITALIANO
22027
LICENSED PROFESSIONAL ENGINEER
5/20/2020

ZONE APPROVAL	(BY/DATE):
VP.	
CONTR.	
RM.	
CM.	

PROPERTY NO.:	000000
6 DIGIT NO.:	000000
4 DIGIT NO.:	0000

AOR PROJECT NUMBER:	xxxxxx
LOCAL APPROVALS:	DATE: 11-26-12
TOWN COMMENTS:	DATE: 01-22-13
TOWN COMMENTS:	DATE: 04-19-13
TOWN COMMENTS:	DATE: 05-08-13
FENCE ADDED:	DATE: 02-18-20

SHEET TITLE:

UTILITY PLAN

SHEET NUMBER:

C-5

Site S&E Narrative:

THE PROPOSED PROJECT CONSISTS OF CONSTRUCTING AN APPROXIMATELY 8,400 S.F. WITH ASSOCIATED PARKING, DRIVEWAYS AND UNDERGROUND UTILITIES.
THE APPROXIMATELY 1.0 ACRE SITE WILL BE DEVELOPED IN A SINGLE PHASE PROJECT. APPROXIMATELY 1.0 ACRES WILL BE DISTURBED DURING CONSTRUCTION.
TO CONTROL SEDIMENT EROSION DURING EARTH FILLING OPERATIONS, THE CONTRACTOR SHALL EMPLOY TECHNIQUES OUTLINED IN THE CONSTRUCTION SEQUENCE AND EROSION CONTROL NOTES TO ENSURE THAT EROSION DOES NOT OCCUR AND THAT SEDIMENT IS NOT TRANSPORTED OFF.
THE EARTHWORK IS PLANNED TO START MARCH 2013 AND BE COMPLETED SEPTEMBER 2013.
THE EROSION AND SEDIMENTATION CONTROLS SHALL BE EMPLOYED BY THE CONTRACTOR DURING THE EARTHWORK AND CONSTRUCTION PHASES OF THE PROJECT IN ACCORDANCE WITH THE CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
REFER TO THE DRAINAGE/STORMWATER MANAGEMENT REPORT FOR MORE INFORMATION.

Temporary Erosion and Sedimentation Control Maintenace (throughout construction)

THE SITE CONTRACTOR WILL BE RESPONSIBLE FOR IMPLEMENTING EACH CONTROL SHOWN ON THE SEDIMENTATION AND EROSION CONTROL PLAN.

THE SITECONTRACTOR WILL INSPECT ALL SEDIMENT AND EROSION CONTROL STRUCTURES PERIODICALLY AND AFTER EACH RAINFALL EVENT. RECORDS OF THE INSPECTIONS WILL BE PREPARED AND MAINTAINED ON-SITE BY THE CONTRACTOR.

SILT SHALL BE REMOVED FROM BEHIND BARRIERS IF GREATER THAN 6-INCHES DEEP OR AS NEEDED.

DAMAGED OR DETERIORATED ITEMS WILL BE REPAIRED IMMEDIATELY AFTER IDENTIFICATION.

THE UNDERSIDE OF HAY BALES SHOULD BE KEPT IN CLOSE CONTACT WITH THE EARTH AND RESET AS NECESSARY.

SEDIMENT THAT IS COLLECTED IN STRUCTURES SHALL BE DISPOSED OF PROPERLY AND COVERED IF STORED ON-SITE.

INSPECT THE TEMPORARY SEDIMENT TRAP AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF A RAINFALL EVENT TO DETERMINE THE CONDITIONS OF THE BASINS DURING CONSTRUCTION. CLEAN OUT SEDIMENT BASINS WHEN ACCUMULATION REACHES 12". SEDIMENT LEVELS SHALL BE MARKED WITHIN THE SEDIMENT STORAGE AREA BY STAKES. DO NOT ALLOW ACCUMULATED SEDIMENTS TO FLUSH INTO WETLAND AREAS.

EROSION CONTROL STRUCTURES SHALL REMAIN IN PLACE UNTIL ALL DISTURBED EARTH HAS BEEN SECURELY STABILIZED. AFTER REMOVAL OF STRUCTURES, DISTURBED AREAS SHALL BE REGRADED AND STABILIZED AS SOON AS PRACTICAL.

MAINTAIN THE CONSTRUCTION ENTRANCE IN A CONDITION WHICH WILL PREVENT TRACKING AND WASHING OF SEDIMENTS ONTO PAVED SURFACES.

Construction Sequence

1. THE SITE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT ROADS/HIGHWAYS AND THEIR DRAINAGE SYSTEM, NEIGHBORING PROPERTIES, AND REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT. PRIOR TO CONSTRUCTION, THE APPLICANT SHALL PROVIDE THE TOWN OF NEWINGTON WITH THE NAME OF CONTACT AND 24 HOUR CONTACT INFORMATION.
2. CONTRACTOR SHALL ADHERE TO CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
3. FLAG THE LIMITS OF CONSTRUCTION NECESSARY TO FACILITATE THE PRECONSTRUCTION MEETING.
4. HOLD PRECONSTRUCTION MEETING. (REMEMBER TO CALL BEFORE YOU DIG 1-800-922-4455).
5. NOTIFY THE TOWN OF NEWINGTON AGENT, ZONING ENFORCEMENT OFFICER AND ENGINEERING DEPARTMENT, 48 HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.
6. INSTALL STABILIZED VEHICLE CONSTRUCTION EXIT.
7. PRIOR TO INSTALLING SURFACE WATER CONTROLS SUCH AS TEMPORARY DIVERSION SWALES, INSPECT EXISTING CONDITIONS TO ENSURE DISCHARGE LOCATIONS ARE STABLE. IF NOT STABLE, REVIEW DISCHARGE CONDITIONS WITH THE DESIGN ENGINEER AND IMPLEMENT ADDITIONAL STABILIZATION MEASURES PRIOR TO INSTALLING SURFACE WATER CONTROLS.
8. INSTALL EROSION AND SEDIMENT CONTROLS IN ACCORDANCE WITH THE E&S PLAN FOR THE SITE INCLUDING SILTFENCE BARRIERS AND SILT SAC.
9. COMPLETE CLEARING AND GRUBBING.
10. ESTABLISH ROUGH GRADE ON THE SITE.
11. CONSTRUCT BUILDING AND UNDERGROUND UTILITIES. INSTALL SILT SAC SEDIMENT TRAPS IN ALL NEW CATCH BASINS.
12. INSTALL PAVEMENT BASE & FIRST COURSE OF BITUMINOUS CONCRETE.
13. INSTALL LANDSCAPING & LOAM AND SEED ALL DISTURBED AREAS.
14. AFTER SITE IS STABILIZED REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS.
15. LOAM AND SEED ALL DISTURBED AREAS.
16. WHEN ALL OTHER WORK HAS BEEN COMPLETED, REPAIR AND SWEEP ALL PAVED AREAS FOR THE FINAL COURSE OF PAVING. INSPECT THE DRAINAGE SYSTEM AND CLEAN AS NEEDED.
17. INSTALL FINAL COURSE OF PAVEMENT.

Erosion and Sedimentation Control Tecniques

THE FOLLOWING EROSION AND SEDIMENTATION CONTROLS SHALL BE EMPLOYED BY THE CONTRACTOR DURING THE EARTHWORK AND CONSTRUCTION PHASES OF THE PROJECT IN ACCORDANCE WITH THE CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.

SILT FENCING
IN AREAS WHERE HIGH RUNOFF VELOCITIES OR HIGH SEDIMENT LOADS ARE EXPECTED, HAY BALE BARRIERS WILL BE BACKED UP WITH SILT FENCING. THIS SEMI-PERMEABLE BARRIER MADE OF A SYNTHETIC POROUS FABRIC WILL PROVIDE ADDITIONAL PROTECTION. THE SILT FENCES AND HAY BALE BARRIER WILL BE REPLACED AS DETERMINED BY PERIODIC FIELD INSPECTIONS.

STRAW BALE BARRIERS
STRAW BALE BARRIERS WILL BE PLACED TO TRAP SEDIMENT TRANSPORTED BY RUNOFF BEFORE IT REACHES THE DRAINAGE SYSTEM OR LEAVES THE CONSTRUCTION SITE. BALES WILL BE SET AT LEAST FOUR INCHES INTO THE EXISTING GROUND TO MINIMIZE UNDERCUTTING BY RUNOFF.

CATCH BASIN PROTECTION
NEWLY CONSTRUCTED AND EXISTING CATCH BASINS WILL BE PROTECTED WITH SILT SACKS THROUGHOUT CONSTRUCTION.

GRAVEL AND CONSTRUCTION ENTRANCE/EXIT
A TEMPORARY CRUSHED-STONE CONSTRUCTION ENTRANCE/EXIT WILL BE CONSTRUCTED. A CROSS SLOPE WILL BE PLACED IN THE ENTRANCE TO DIRECT RUNOFF TO THE SEDIMENT TRAP.

VEGETATIVE SLOPE STABILIZATION
STABILIZATION OF OPEN SOIL SURFACES WILL BE IMPLEMENTED WITHIN 14 DAYS AFTER GRADING OR CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, UNLESS THERE IS SUFFICIENT SNOW COVER TO PROHIBIT IMPLEMENTATION. VEGETATIVE SLOPE STABILIZATION WILL BE USED TO MINIMIZE EROSION ON SLOPES OF 3:1 OR FLATTER. ANNUAL GRASSES, SUCH AS ANNUAL RYE, WILL BE USED TO ENSURE RAPID GERMINATION AND PRODUCTION OF ROOTMASS. PERMANENT STABILIZATION WILL BE COMPLETED WITH THE PLANTING OF PERENNIAL GRASSES OR LEGUMES. ESTABLISHMENT OF TEMPORARY AND PERMANENT VEGETATIVE COVER MAY BE ESTABLISHED BY HYDRO-SEEDING OR SODDING. A SUITABLE TOPSOIL, GOOD SEEDBED PREPARATION, AND ADEQUATE LIME, FERTILIZER AND WATER WILL BE PROVIDED FOR EFFECTIVE ESTABLISHMENT OF THESE VEGETATIVE STABILIZATION METHODS. MULCH WILL ALSO BE USED AFTER PERMANENT SEEDING TO PROTECT SOIL FROM THE IMPACT OF FALLING RAIN AND TO INCREASE THE CAPACITY OF THE SOIL TO ABSORB WATER.

STOCKPILE MANAGEMENT
SIDESLOPES OF STOCKPILED MATERIAL SHALL BE NO STEEPER THAN 2:1. STOCKPILES NOT USED WITHIN 30 DAYS NEED TO BE SEEDED AND MULCHED IMMEDIATELY AFTER FORMATION OF THE STOCKPILE. HAYBALES AND SILT FENCE ARE TO BE PLACED AROUND THE STOCKPILE AREA APPROXIMATELY 10 FEET FROM THE TOW OF SLOPE.

DUST CONTROL
PERIODICALLY MOISTEN EXPOSED SURFACES ON UNPAVED TRAVELWAYS TO KEEP THE TRAVELWAY DAMP AND REDUCE DUST.

Post Construction Stormwater Management

THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR ENSURING THAT STORMWATER MANAGEMENT SYSTEMS BE INSPECTED AND MAINTAINED. THE FOLLOWING PLAN COMPONENTS SHALL BE ADHERED TO:

SOURCE CONTROL
A COMPREHENSIVE SOURCE CONTROL PROGRAM WILL BE IMPLEMENTED AT THE SITE, WHICH INCLUDES REGULAR PAVEMENT SWEEPING AT A MINIMUM 2 TIMES PER YEAR, CATCH BASIN CLEANING, AND MAINTENANCE AND CLEARING OF LITTER FROM PARKING AREAS AND PERIMETER LANDSCAPED AREAS. CLEAN ALL CATCH BASINS AND STRUCTURES TWICE ANNUALLY TO REMOVE ACCUMULATED SAND, SEDIMENT, AND FLOATABLE PRODUCTS OR AS NEEDED BASED ON USE.

DEEP SUMP CATCH BASINS WITH OIL/DEBRIS TRAPS
CATCH BASINS AT THE SITE ARE TO BE CONSTRUCTED WITH SUMPS (MINIMUM 4-FEET) AND OIL/DEBRIS TRAPS TO TRAP DEBRIS AND SEDIMENTS. CATCH BASINS WILL BE CLEANED TWICE PER YEAR.

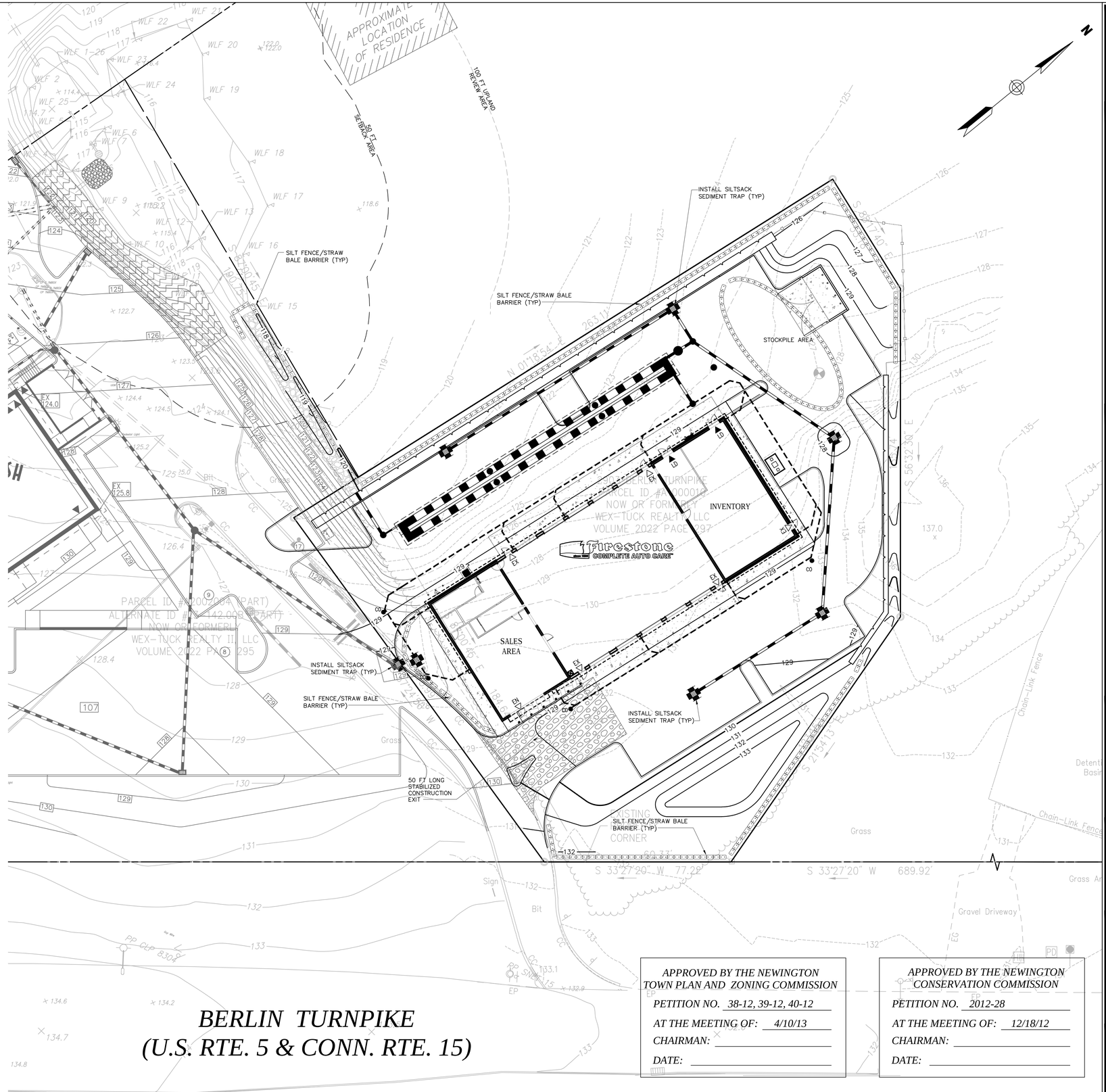
SUBSURFACE INFILTRATION SYSTEM
THE SUBSURFACE INFILTRATION SYSTEM IS AN UNDERGROUND INFILTRATION SYSTEM TO BE USED FOR SURFACE RUNOFF. INSPECT THE UNDERGROUND INFILTRATION SYSTEM ANNUALLY, IN THE SPRING. NECESSARY REPAIRS WILL BE PERFORMED IMMEDIATELY UPON IDENTIFICATION.

SNOW SHELF
INSPECT SNOW SHELVES ONCE ANNUALLY, IN THE SPRING, FOR ACCUMULATED SEDIMENT. NECESSARY SEDIMENT REMOVAL, EARTH REPAIR, AND/OR RESEEDING WILL BE PERFORMED IMMEDIATELY UPON IDENTIFICATION.

HYDRODYNAMIC SEPARATOR WATER QUALITY UNIT
A HYDRODYNAMIC SEPARATOR WATER QUALITY UNIT WILL BE USED TO TREAT STORMWATER BEFORE IT REACHES THE DISCHARGE POINT. THIS ALLOWS SUSPENDED SEDIMENTS TO BE REMOVED AND REDUCES SEDIMENTATION ACCUMULATION. INSPECT THE WATER QUALITY UNIT FOR ACCUMULATED SEDIMENT AND DEBRIS. NECESSARY SEDIMENT AND/OR DEBRIS REMOVAL WILL BE PERFORMED IMMEDIATELY UPON IDENTIFICATION.

ALL E&S CONTROL MEASURES WILL BE INSPECTED WEEKLY AND AFTER RAINFALL OF 0.5 INCHES IN 24 HOURS.

NOTE:
NO CONSTRUCTION OR INSTALLATION WORK SHALL BE PERFORMED ON THE SITE UNTIL THE TOWN ENGINEER HAS RECEIVED WRITTEN CERTIFICATION FROM A LICENSED SURVEYOR THAT NO CLEARING HAS BEEN PERFORMED EXCEPT AS SHOWN ON THE PLANS AND THAT ALL E&S MEASURES HAVE BEEN COMPLETED AS SHOWN ON THE PLANS.



APPROVED BY THE NEWINGTON TOWN PLAN AND ZONING COMMISSION
PETITION NO. 38-12, 39-12, 40-12
AT THE MEETING OF: 4/10/13
CHAIRMAN: _____
DATE: _____

APPROVED BY THE NEWINGTON CONSERVATION COMMISSION
PETITION NO. 2012-28
AT THE MEETING OF: 12/18/12
CHAIRMAN: _____
DATE: _____

20 0 20 40
SCALE IN FEET

VHB
Vanasse Hangen Brustlin, Inc.

Firestone COMPLETE AUTO CARE since 1928

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FIRESTONE COMPLETE AUTO CARE
2903 BERLIN TURNPIKE
NEWINGTON, CT 06111
OWNER: WEX-TUCK REALTY, L.L.C.
121 PARK STREET
NEW CANAAN, CT 06840

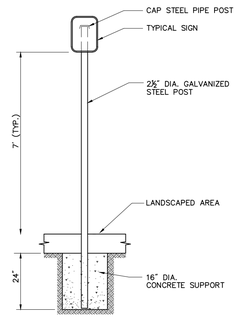
STATE OF CONNECTICUT
PAUL VITALIANO
22627
LICENSED PROFESSIONAL ENGINEER
3/20/2030

	(BY/DATE):
ZONE APPROVAL	
VP.	
CONTR.	
RM.	
CM.	
PROPERTY NO.:	000000
6 DIGIT NO.:	000000
4 DIGIT NO.:	0000

AOR PROJECT NUMBER: xxxxxx
LOCAL APPROVALS: DATE: 11-26-12
TOWN COMMENTS: DATE: 01-22-13
TOWN COMMENTS: DATE: 04-19-13
TOWN COMMENTS: DATE: 05-08-13
FENCE ADDED: DATE: 02-18-20

SHEET TITLE:
SOIL EROSION AND SEDIMENT CONTROL PLAN

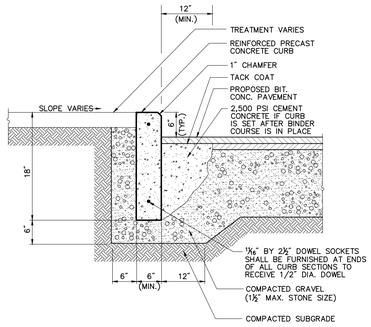
SHEET NUMBER:
C-6



Sign Post - Type 'A'

3/10

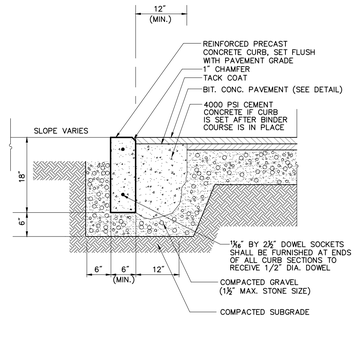
N.T.S. Source: VHB REV LD_701



Precast Concrete Curb (PCC)

6/08

N.T.S. Source: VHB LD_404

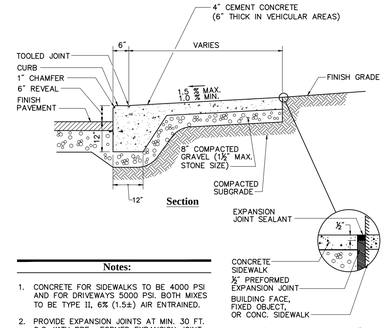


NOTE:
* THIS DETAIL IS TO BE USED FOR FLUSH PCC IN THE PARKING AREAS ADJACENT TO THE BIOFILTRATION BASINS ONLY.

Precast Concrete Curb (PCC) - FLUSH

12/11

N.T.S. Source: VHB LD_404



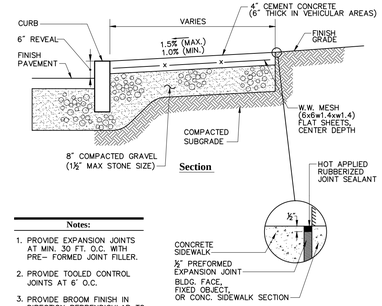
Notes:

1. CONCRETE FOR SIDEWALKS TO BE 4000 PSI AND FOR DRIVEWAYS 5000 PSI. BOTH MIXES TO BE TYPE II, 6% (1.5±) AIR ENTRAINED.
2. PROVIDE EXPANSION JOINTS AT MIN. 30 FT. O.C. WITH PRE– FORMED EXPANSION JOINT FILLER & SEALER.
3. PROVIDE TOOLED CONTROL JOINTS AT 6' O.C.
4. PROVIDE BROOM FINISH IN DIRECTION PERPENDICULAR TO CURB.

Monolithic Concrete Curb (MCC) & Sidewalk

12/11

N.T.S. Source: VHB LD_421



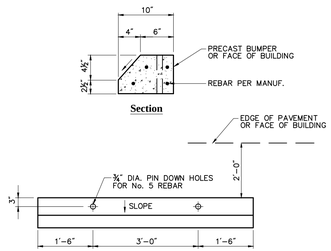
Notes:

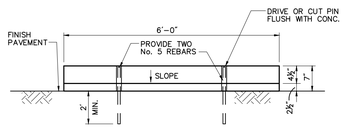
1. PROVIDE EXPANSION JOINTS AT MIN. 30 FT. O.C. WITH PRE– FORMED JOINT FILLER.
2. PROVIDE TOOLED CONTROL JOINTS AT 6' O.C.
3. PROVIDE BROOM FINISH IN DIRECTION PERPENDICULAR TO CURB.
4. CEMENT CONCRETE SHALL BE 4000 PSI–TYPE II

Concrete Sidewalk

4/10

N.T.S. Source: VHB LD_420

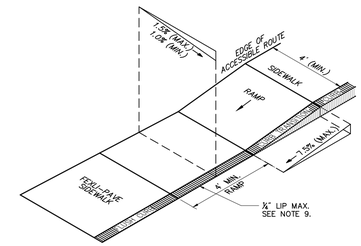




Concrete Bumper

6/08

N.T.S. Source: VHB LD_417



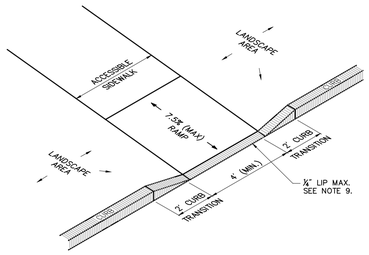
Notes:

1. THE MAXIMUM ALLOWABLE SIDEWALK AND CURB RAMP CROSS SLOPES SHALL BE 1.5 (1% MIN.).
2. THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE EXCLUDING CURB RAMPS SHALL BE 5%.
3. THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE AT CURB RAMPS SHALL BE 7.5%.
4. A MINIMUM OF 3 FEET CLEAR SHALL BE MAINTAINED AT ANY PERMANENT OBSTACLE IN ACCESSIBLE ROUTE (I.E., HYDRANTS, UTILITY POLES, TREE WELLS, SIGNS, ETC.).
5. CURB TREATMENT VARIES, SEE PLANS FOR CURB TYPE.
6. RAMP, CURB, AND ADJACENT PAVEMENTS SHALL BE GRADED TO PREVENT PONDING.
7. TYPICAL SIDEWALK SECTION FOR RAMP SECTION CONSTRUCTION.
8. WHERE ACCESSIBLE ROUTES ARE LESS THAN 5' IN WIDTH (EXCLUDING CURBING) A 5' x 5' PASSING AREA SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 200 FEET.
9. ELIMINATE CURBING AT RAMP WHERE IT ABUTS ROADWAY, EXCEPT WHERE VERTICAL CURBING IS INDICATED ON THE DRAWINGS TO BE INSTALLED AND SET FLUSH.

Accessible Curb Ramp (ACR) Type 'G'

11/10

N.T.S. Source: VHB REV LD_506



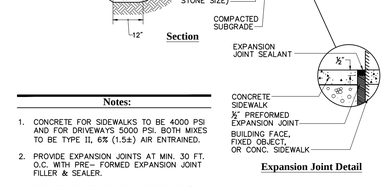
Notes:

1. THE MAXIMUM ALLOWABLE SIDEWALK AND CURB RAMP CROSS SLOPES SHALL BE 1.5 (1% MIN.).
2. THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE EXCLUDING CURB RAMPS SHALL BE 5%.
3. THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE AT CURB RAMPS SHALL BE 7.5%.
4. A MINIMUM OF 3 FEET CLEAR SHALL BE MAINTAINED AT ANY PERMANENT OBSTACLE IN ACCESSIBLE ROUTE (I.E., HYDRANTS, UTILITY POLES, TREE WELLS, SIGNS, ETC.).
5. CURB TREATMENT VARIES, SEE PLANS FOR CURB TYPE.
6. RAMP, CURB AND ADJACENT PAVEMENTS SHALL BE GRADED TO PREVENT PONDING.
7. TYPICAL SIDEWALK SECTION FOR RAMP SECTION CONSTRUCTION.
8. WHERE ACCESSIBLE ROUTES ARE LESS THAN 5' IN WIDTH (EXCLUDING CURBING) A 5' x 5' PASSING AREA SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 200 FEET.
9. ELIMINATE CURBING (OTHER THAN VERTICAL CURBING, WHICH SHALL BE SET FLUSH) WHERE IT ABUTS ROADWAY.

Accessible Curb Ramp (ACR) Type 'M'

11/10

N.T.S. Source: VHB LD_512



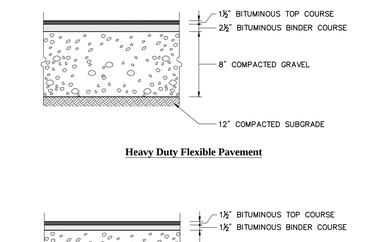
Notes:

1. SIZE OF PAD TO BE AS INDICATED ON PLANS.
2. CONSTRUCTION JOINTS SHALL BE SPACED NO MORE THAN 30 FEET ON CENTER AND SHALL BE EQUALLY SPACED OVER THE LENGTH AND WIDTH OF THE PAD.

Dumpster Pad

4/11

N.T.S. Source: VHB REV LD_710



Notes:

PAVEMENT SECTIONS BASED ON REPORT OF GEOTECHNICAL EXPLORATION PREPARED BY FES GROUP DATED SEPTEMBER 17, 2010.

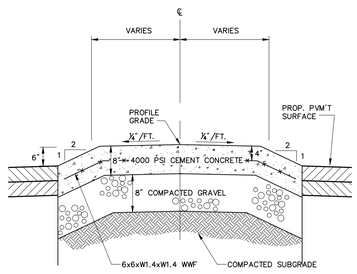
PAVEMENT SECTIONS ARE SUBJECT TO CHANGE AND WILL BE BASED ON THE RESULTS OF FURTHER GEOTECHNICAL INVESTIGATIONS.

FINAL PAVEMENT SECTIONS TO BE DESIGNED BY GEOTECHNICAL ENGINEER. CONTRACTOR TO PROVIDE SHOP DRAWINGS TO GEOTECHNICAL ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.

Bituminous Concrete Pavement Sections

6/08

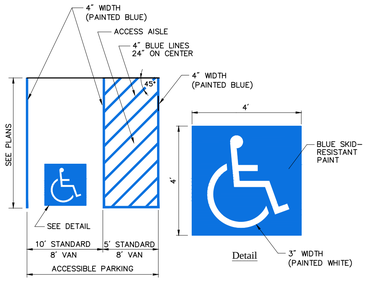
N.T.S. Source: FES Group REV LD_430



Mountable Concrete Curb Island

4/11

N.T.S. Source: VHB LD_440



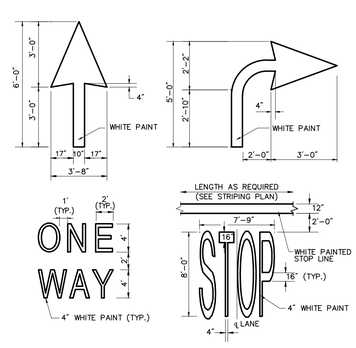
Notes:

1. ALL DIMENSIONS TO EDGES OF 4" PAVEMENT STRIPING.
2. STALL WIDTH REFERS TO CLEAR DISTANCE BETWEEN INSIDE EDGES OF PAVEMENT MARKINGS.
3. ALL SLOPES THROUGHOUT THE ACCESSIBLE PARKING AND AISLE AREAS SHALL NOT EXCEED 1.5%.

Accessible Parking Space

11/10

N.T.S. Source: VHB REV LD_552



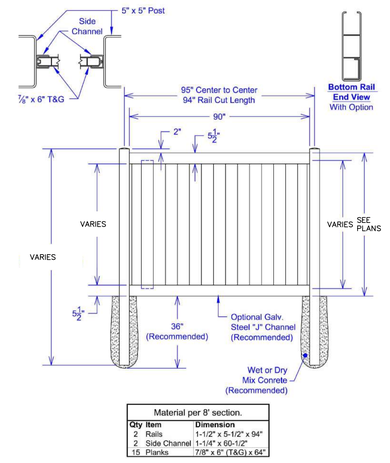
Notes:

1. PAVEMENT MARKINGS TO BE INSTALLED FOR ON SITE WORK IN LOCATIONS SHOWN.

Painted Pavement Markings - On Site

6/08

N.T.S. Source: VHB LD_554



Material per 8' section.		
Qty	Item	Dimension
2	Rails	1-1/2" x 5-1/2" x 94"
2	Side Channel	1-1/4" x 60-1/2"
15	Planks	7/8" x 6" (T&G) x 64"

Vinyl Fence - (White, Not intended for dumpster enclosure)

N.T.S. Source: BY OTHERS

APPROVED BY THE NEWINGTON TOWN PLAN AND ZONING COMMISSION

PETITION NO. 38-12, 39-12, 40-12

AT THE MEETING OF: 4/10/13

CHAIRMAN: _____

DATE: _____

APPROVED BY THE NEWINGTON CONSERVATION COMMISSION

PETITION NO. 2012-28

AT THE MEETING OF: 12/18/12

CHAIRMAN: _____

DATE: _____

VHB

Vanasse Hangen Brustlin, Inc.

Firestone COMPLETE AUTO CARE

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FIRESTONE COMPLETE AUTO CARE
2903 BERLIN TURNPIKE
NEWINGTON, CT 06111
OWNER: WEX-TUCK REALTY, L.L.C.
121 PARK STREET
NEW CANAAN, CT 06840

ZONE APPROVAL	(BY/DATE):
VP.	
CONTR.	
RM.	
CM.	
PROPERTY NO.:	000000
6 DIGIT NO.:	000000
4 DIGIT NO.:	0000

AOR PROJECT NUMBER: xxxxxx
LOCAL APPROVALS: DATE: 11-26-12
TOWN COMMENTS: DATE: 01-22-13
TOWN COMMENTS: DATE: 04-19-13
TOWN COMMENTS: DATE: 05-08-13

SHEET TITLE:

SITE DETAILS 1

SHEET NUMBER:

C-7