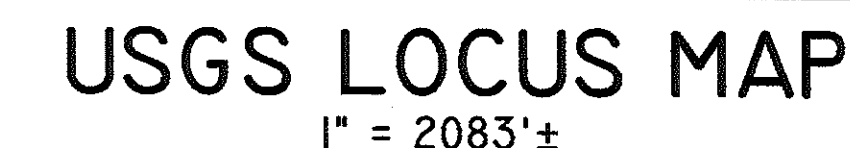


683A AND 683B AMERICAN LEGION HIGHWAY (ROUTE 177)
ASSESSOR'S PLAT 35 LOT 3A
WESTPORT, MASSACHUSETTS



SHEET 1	COVER SHEET
SHEET 2	EXISTING CONDITIONS PLAN
SHEET 3	PROPOSED SITE PLAN - LAYOUT, DESCRIPTIONS, AND BOARD OF HEALTH CERTIFICATION
SHEET 4	PROPOSED SITE PLAN - GRADING
SHEET 5	DETAIL SHEET - SEPTIC SYSTEM AND EROSION CONTROL
SHEET 6	DETAIL SHEET - STORM DRAINAGE AND LIGHTING DETAILS
SHEET 7	PROPOSED OFF-SITE STORM DRAINAGE RECONSTRUCTION/IMPROVEMENTS PLAN



REQUESTED WAIVERS:

THE FOLLOWING WAIVERS ARE REQUESTED FROM THE TOWN OF WESTPORT PLANNING BOARD RULES AND REGULATIONS GOVERNING THE SUBDIVISION OF LAND:

1) SECTION IV, PART D, #11: WAIVER OF UP TO 38' FROM THE 50' SETBACK REQUIREMENT FROM THE PROPERTY LINE TO THE DETENTION BASIN. (PROPOSAL IS FOR THE DETENTION BASIN TO BE SET BACK 12' FROM THE SOUTHERLY SIDE PROPERTY LINE AND 24' FROM THE STREET LINE OF MOISE MILL ROAD.)

RECEIVED

NOV - 3 2020

WESTPORT
PLANNING BOARD

NOTES:

1) OWNER: RUSSELL OAGLES, JR. AND ANTONE RODRIGUES
683A AMERICAN LEGION HIGHWAY
WESTPORT, MA 02790

2) APPLICANT: RUSSELL OAGLES, JR
683A AMERICAN LEGION HIGHWAY
WESTPORT, MA 02790

COVER SHEET
PREPARED FOR

5 STAR COLLISION CENTER
ASSESSOR'S PLAT 35 LOT 3A
683A & 683B AMERICAN LEGION HIGHWAY
WESTPORT, MASSACHUSETTS

SCALE: 1" = 20' DATE: NOVEMBER 20, 2019

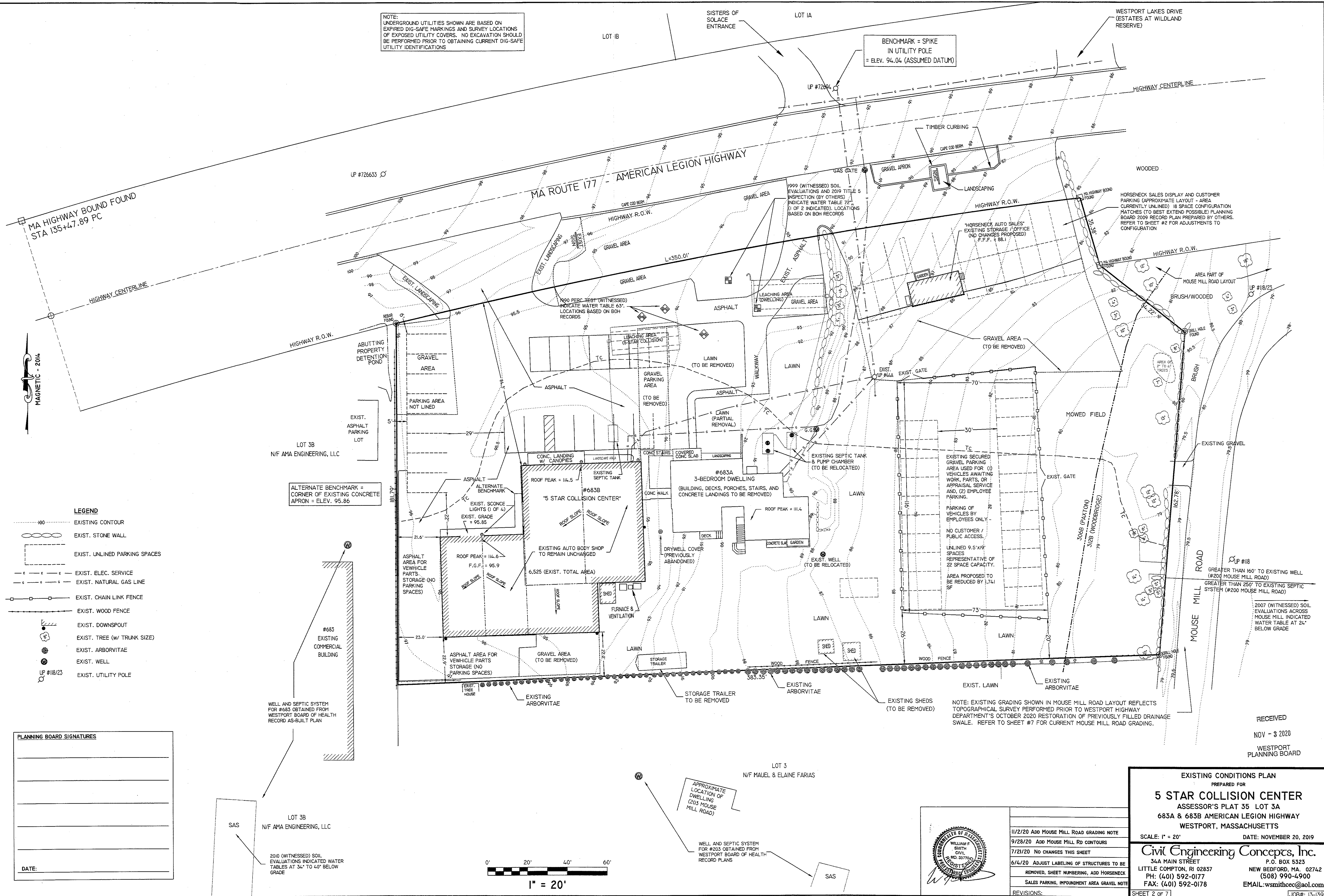
Civil Engineering Concepts, Inc.
34A MAIN STREET P.O. BOX 5323
LITTLE COMPTON, RI 02857 NEW BEDFORD, MA. 027
PH: (401) 592-0177 (508) 990-4900
FAX: (401) 592-0178 EMAIL: wsmithccc@aol.com

SHEET 1 OF 7

19-016 SPA Rev. -

PLANNING BOARD SIGNATURES

DATE _____



PARKING REQUIREMENT:
6,525 SF = EXISTING AUTO BODY SHOP BUILDING
8,174 SF = PROPOSED WAREHOUSE / STORAGE BUILDING INCLUDING EMPLOYEE
BATHROOM AND COVERED CONCRETE CONNECTOR / WALKWAY

14,699 SF

14,699 x 1.5 SPACES PER 1,000 SF = 22 SPACES

18 EMPLOYEES (MAX. FOR BOTH BLDGS.) x 0.5 SPACE PER EMPLOYEE = 9 SPACES

TOTAL REQUIRED SPACES = 31

18 TOTAL DISPLAY & CUSTOMER PARKING SPACES AT HORSENECK SALES
(AS INDICATED ON PLANNING BOARD RECORD PLAN FROM PRIOR FILING BY OTHERS)

PARKING SPACES PROVIDED:

28 AUTO BODY BUSINESS SPACES IN PARKING LOT
15 AUTO BODY BUSINESS SPACES IN SECURED VEHICLE PARKING/STORAGE AREA
16 DISPLAY SPACES AT HORSENECK SALES
3 CUSTOMER SPACES AT HORSENECK SALES (INCLUDING 1 HANDICAP)

62 TOTAL SPACES PROVIDED

GENERAL NOTES:

- FOR EXISTING AND PROPOSED GRADES, SECURED IMPOUNDMENT AREA PARKING CONFIGURATION, EXISTING UTILITY POLE, ELECTRIC & GAS SERVICE LINES, AND DETENTION POND DETAILS REFER TO SHEET #4 (NOT SHOWN ON THIS SHEET FOR CLARITY).
- SEPTIC TANK AND PUMP CHAMBER RELOCATION REQUIRES A PERMIT FROM THE WESTPORT BOARD OF HEALTH.
- ALL DISTURBED LAWN AREAS ARE TO BE RESTORED.
- EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO ANY GROUND DISTURBANCE. DEVICES SHALL BE MAINTAINED AND ANY SILT OR DEBRIS ACCUMULATING AGAINST THE DEVICES SHALL BE REMOVED AS NECESSARY. DEVICES TO REMAIN IN PLACE UNTIL LAWNS ARE ESTABLISHED AND THE CONSERVATION AGENT IS IN AGREEMENT THAT THE EROSION CONTROL DEVICES MAY BE REMOVED. AREAS THAT WERE UNDER THE DEVICES SHALL BE REPAIRED, LOAMED AND HYDROSEED.
- ANY SOIL STOCKPILE AREA SHALL BE LOCATED A MINIMUM OF 10' FROM ANY PROPERTY LINE AND SHALL BE SURROUNDED BY A SILT SOCK AND SILT FENCING.
- DISTURBED (AND STOCKPILED) SOIL AREA SHALL BE WETTED AS NECESSARY TO CONTROL DUST.
- 42,200 SF = TOTAL PROPOSED ACTIVITY AREA (INCLUDING PROPOSED BUILDING, BUILDING CONNECTOR, PARKING AREA MODIFICATIONS, DRIVEWAY, LANDSCAPING, LAWN / GRAVEL AREA CHANGES, SEPTIC SYSTEM ALTERATIONS, STORM DRAINAGE FACILITY AND REGRADING)
- STANDARD MASS. DOT "DO NOT ENTER" SIGNS TO BE INSTALLED PROHIBITING VEHICLES FROM EXITING.

PROPOSED PLANTING ISLAND CHART

ISLAND BEDS SHALL BE BUILT WITH 1/2 SCREEN LOAM AND 1/2 COMPOST. MULCH SHALL BE NATURAL HEMLOCK.

PLANTING ISLAND #1
124' LONG "L"-SHAPED ISLAND (1,635 SF)
FIVE (5) KOUSA DOGWOOD (CORNUS KOUSA)
7' TO 8' HIGH, 2.5" CALIPER
TWENTY-EIGHT (28) SHAMROCK INKBERRY (ILEXGLABRA "SHAMROCK")
2' TO 3' HIGH, 7 GALLON POTS

PLANTING ISLAND #2
42' x 19' "L" SHAPED (449 SF)
TWO (2) KOUSA DOGWOOD (CORNUS KOUSA)
7' TO 8' HIGH, 2.5" CALIPER
THIRTEEN (13) SHAMROCK INKBERRY (ILEXGLABRA "SHAMROCK")
2' TO 3' HIGH, 7 GALLON POTS

PLANTING ISLAND #3
49' x 36' "L" SHAPED (688 SF)
FOUR (4) CLEVELAND PEARS (PYRUSCALLERYANA "CLEVELAND SELECT")
NINETEEN (19) SHAMROCK INKBERRY (ILEXGLABRA "SHAMROCK")
2' TO 3' HIGH, 7 GALLON POTS

EXISTING LANDSCAPE ISLANDS AT ENTRANCE TO RT 177 TO REMAIN. LANDSCAPING CONTRACTOR TO DETERMINE VIABILITY OF EXISTING PLANTINGS AND REPLACE / SUPPLEMENT AS NECESSARY. (730 SF EXIST)

3,502 SF OF TOTAL LANDSCAPE AREAS PROPOSED
2,885 SF OF LANDSCAPE AREA REQUIRED (BASED ON TOTAL BUILD OUT OF 19,230 SF OF ASPHALT DRIVEWAY / PARKING AREAS.

NOTE:
PLANTING AREAS AND SPECIFICATIONS
PREPARED IN CONJUNCTION WITH COPICUT
LANDSCAPING LLC
58 BERGERON LANE
NORTH DARTMOUTH, MA
508.617.8785

PLANNING BOARD SIGNATURES

RECEIVED

NOV - 3 2020

WESTPORT
PLANNING BOARD

PROPOSED SITE PLAN - LAYOUT & DESCRIPTIONS

PREPARED FOR

5 STAR COLLISION CENTER

ASSESSOR'S PLAT 35 LOT 3A

683A & 683B AMERICAN LEGION HIGHWAY

WESTPORT, MASSACHUSETTS

SCALE: 1" = 20'

DATE: NOVEMBER 20, 2019

Civil Engineering Concepts, Inc.

344 MAIN STREET

LITTLE COMPTON, RI 02837

PH: (401) 592-0177

FAX: (401) 592-0178

P.O. BOX 5323

NEW BEDFORD, MA. 02742

(508) 990-4900

EMAIL: wsmithce@aol.com

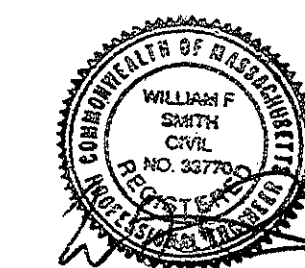
JOB#: 13-139

"This plan is in compliance with the Westport Board of Health Stormwater regulation"

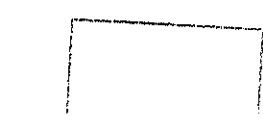
"Engineers and Registered Sanitarians are responsible for all errors and omissions. Everything that appears is a true and accurate representation of field data. I hereby certify."

W. Smith
SIGNATURE

Above statements as required by the Westport Board of Health



11/20/20 REVISE LANDSCAPING, LIGHTING, DRAINAGE,
PARKING IDENTIFICATION, ADD "DO NOT
ENTER" SIGNS
9/28/20 REV. BLDG., DRAINAGE SYSTEM, VEHICLE
9/28/20 REV. BLDG., DRAINAGE SYSTEM, VEHICLE
STORAGE / PARKING CALCS., LANDSCAPING
7-21/20 ADD DETENTION POND RIP-RAP
REVISIONS:



- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXIST. ELEC. SERVICE
- EXIST. NATURAL GAS LINE
- PROPOSED TREE
- PROPOSED SHRUB
- EXIST. TREE (W/ TRUNK SIZE)
- EXIST. ARBORVITAE

LEGEND
SHEETS 3 AND 4

- EXIST. CHAIN LINK FENCE
- EXIST. WOOD FENCE
- PROPOSED EROSION CONTROL
- PROPOSED DOWNSPOUT COLLECTION PIPING
- EXIST. STONE WALL
- EXIST. DOWNSPOUT
- WELL (EXIST. OR PROPOSED AS LABELED)
- EXIST. UTILITY POLE

0' 20' 40' 60'
SCALE: 1" = 20'

APPROXIMATE
LOCATION OF
DWELLING
(203 MOUSE MILL
ROAD)

PROPOSED 7,200+ SF TEMPORARY INDOOR VEHICLE STORAGE AREA FOR (1) VEHICLES RECENTLY PAINTED, PARTIALLY DISASSEMBLED, DAMAGED IN A MANNER PROHIBITING OUTSIDE STORAGE, (2) VEHICLES AWAITING APPRAISER SERVICES, AND (3) PARTS STORAGE. NO SERVICE / REPAIR BAYS OR PAINT BOOTHS PROPOSED. NO FLOOR DRAINS PROPOSED. A CONVENIENCE BATHROOM FOR EMPLOYEES IS PROPOSED. NO PUBLIC FACILITIES OR ACCESS.

PROPOSED ROOF RUNOFF MANHOLE #2
87.15 = RIM
85.28 = 6" ADS INLET INV. (BOTH)
84.78 = 12" ADS OUTLET INV.

PROPOSED 6" ADS (H-20 RATED) DOWNSPOUT COLLECTION PIPE

PROPOSED 8" ADS DOWNSPOUT COLLECTION PIPE

PROPOSED 6" ADS (H-20 RATED) DOWNSPOUT COLLECTION PIPE

PROPOSED 4,085 SF ASPHALT TO REPLACE 920 SF GRAVEL, 2,545 SF LAWN AND 620 SF OF ASPHALT WALKWAY

PROPOSED 4,085 SF ASPHALT TO REPLACE 920 SF GRAVEL, 2,545 SF LAWN AND 620 SF OF ASPHALT WALKWAY

PROPOSED 4,085 SF ASPHALT TO REPLACE 920 SF GRAVEL, 2,545 SF LAWN AND 620 SF OF ASPHALT WALKWAY

PROPOSED 4,085 SF ASPHALT TO REPLACE 920 SF GRAVEL, 2,545 SF LAWN AND 620 SF OF ASPHALT WALKWAY

PROPOSED 4,085 SF ASPHALT TO REPLACE 920 SF GRAVEL, 2,545 SF LAWN AND 620 SF OF ASPHALT WALKWAY

PROPOSED 4,085 SF ASPHALT TO REPLACE 920 SF GRAVEL, 2,545 SF LAWN AND 620 SF OF ASPHALT WALKWAY

PROPOSED 4,085 SF ASPHALT TO REPLACE 920 SF GRAVEL, 2,545 SF LAWN AND 620 SF OF ASPHALT WALKWAY

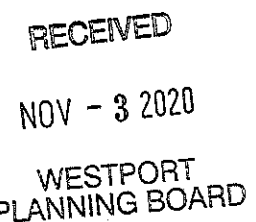
PROPOSED 4,085 SF ASPHALT TO REPLACE 920 SF GRAVEL, 2,545 SF LAWN AND 620 SF OF ASPHALT WALKWAY

PROPOSED 4,085 SF ASPHALT TO REPLACE 920 SF GRAVEL, 2,545 SF LAWN AND 620 SF OF ASPHALT WALKWAY

PROPOSED 4,085 SF ASPHALT TO REPLACE 920 SF GRAVEL, 2,545 SF LAWN AND 620 SF OF ASPHALT WALKWAY

PROPOSED 4,085 SF ASPHALT TO REPLACE 920 SF GRAVEL, 2,545 SF LAWN AND 620 SF OF ASPHALT WALKWAY

PROPOSED 4,085 SF ASPHALT TO REPLACE 920 SF GRAVEL, 2,545 SF LAWN AND 620 SF OF ASPHALT WALKWAY



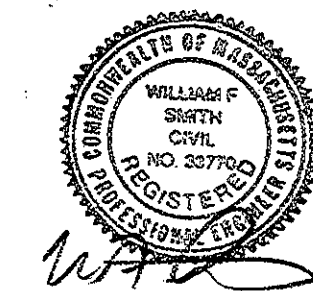
PROPOSED SITE PLAN - GRADING
PREPARED FOR
STAR COLLISION CENTER
ASSESSOR'S PLAT 35 LOT 3A
A & 683B AMERICAN LEGION HIGHWAY
WESTPORT, MASSACHUSETTS

SCALE: 1" = 20'
DATE: NOVEMBER 20, 2019

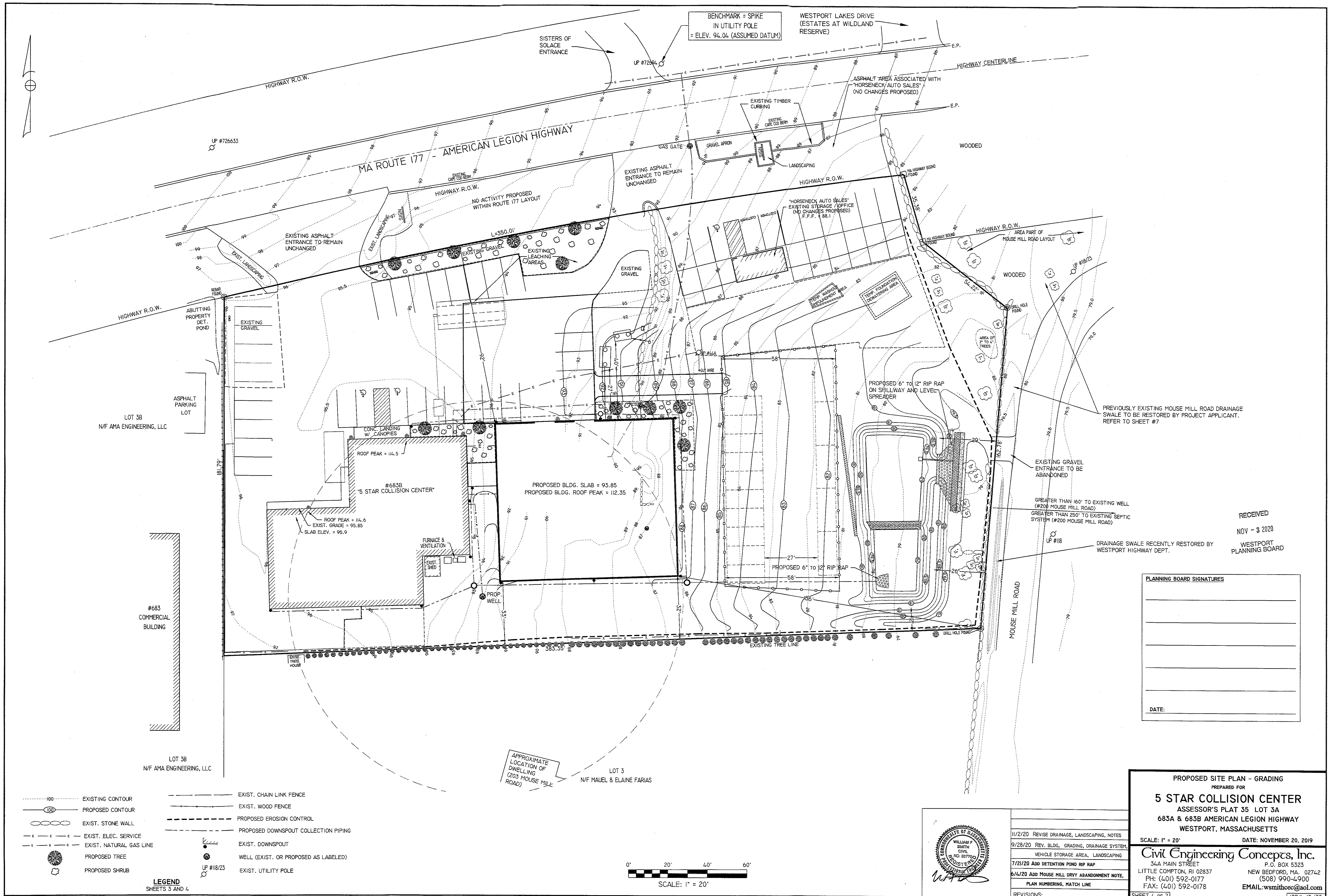
Civil Engineering Concepts, Inc.
36A MAIN STREET
LITTLE COMPTON, RI 02837
P.O. BOX 5323
NEW BEDFORD, MA 027
PH: (401) 592-0177
(508) 990-4900
FAX: (401) 592-0178
EMAIL: wsmithce@aol.com

SHEET 4 OF 7

11/2/20	REVISE DRAINAGE, LANDSCAPING, NOTES
9/28/20	REV. BLDG, GRADING, DRAINAGE SYSTEM VEHICLE STORAGE AREA, LANDSCAPING
7/21/20	ADD DETENTION POND RIP RAP
6/4/20	ADD MOUSE MILL DRY ABANDONMENT NOTE, PLAN NUMBERING, MATCH LINE
REVISIONS:	

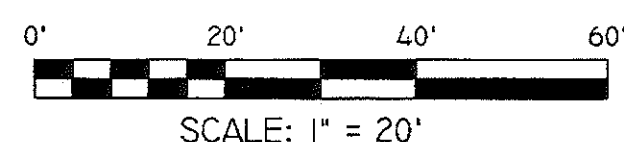


LEGEND
SHEETS 3 AND 4

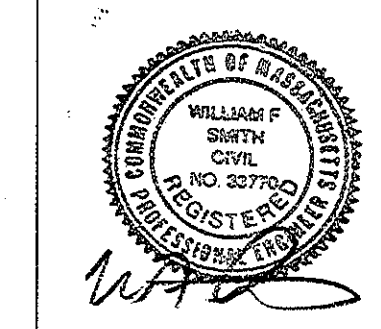


- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXIST. STONE WALL
- EXIST. ELEC. SERVICE
- EXIST. NATURAL GAS LINE
- PROPOSED TREE
- PROPOSED SHRUB
- EXIST. CHAIN LINK FENCE
- EXIST. WOOD FENCE
- PROPOSED EROSION CONTROL
- PROPOSED DOWNSPOUT COLLECTION PIPING
- EXIST. DOWNSPOUT
- WELL (EXIST. OR PROPOSED AS LABELED)
- EXIST. UTILITY POLE

LEGEND
SHEETS 3 AND 4



SCALE: 1" = 20'



11/2/20	REVISE DRAINAGE, LANDSCAPING, NOTES
9/28/20	REV. BLDG., GRADING, DRAINAGE SYSTEM, VEHICLE STORAGE AREA, LANDSCAPING
7/21/20	ADD DETENTION POND RIP RAP
6/4/20	ADD MOUSE MILL DRYWY ABANDONMENT NOTE, PLAN NUMBERING, MATCH LINE
REVISIONS:	

PROPOSED SITE PLAN - GRADING
PREPARED FOR
5 STAR COLLISION CENTER
ASSESSOR'S PLAT 35 LOT 3A
683A & 683B AMERICAN LEGION HIGHWAY
WESTPORT, MASSACHUSETTS

SCALE: 1" = 20' DATE: NOVEMBER 20, 2019

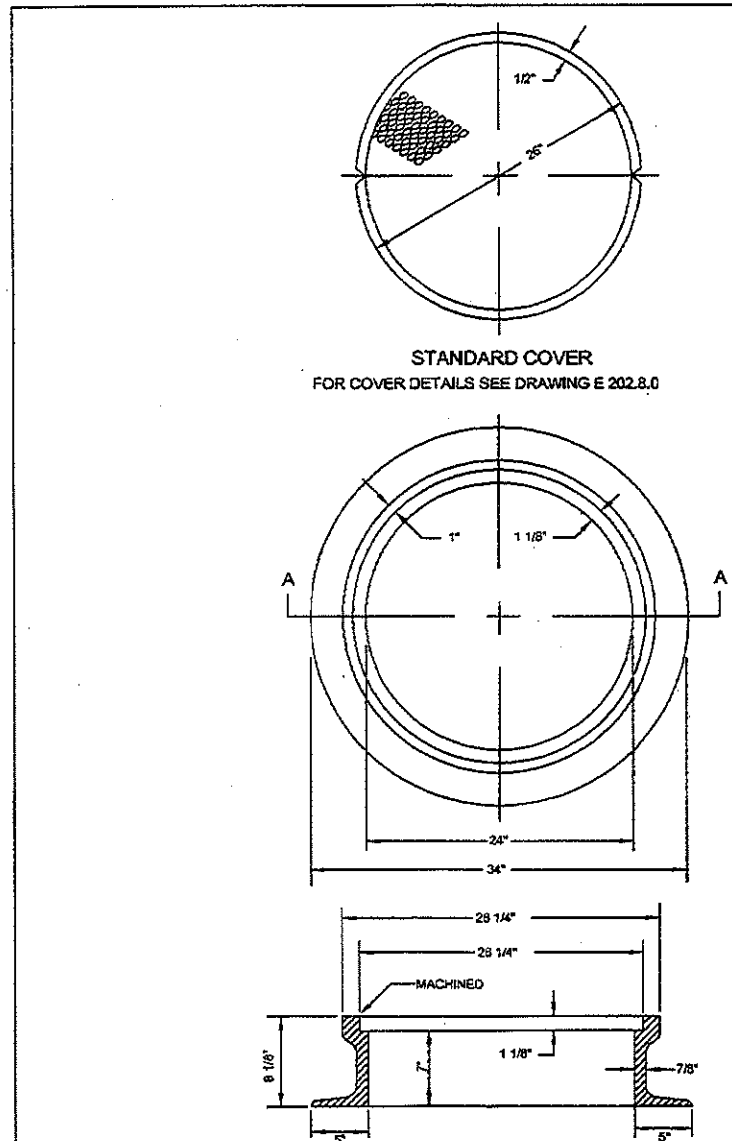
Civil Engineering Concepts, Inc.
34A MAIN STREET
LITTLE COMPTON, RI 02837
PH: (401) 592-0177
FAX: (401) 592-0178
P.O. BOX 5323
NEW BEDFORD, MA 02742
(508) 990-4900
EMAIL: wsmithceec@aol.com

SHEET 4 OF 7

PLANNING BOARD SIGNATURES

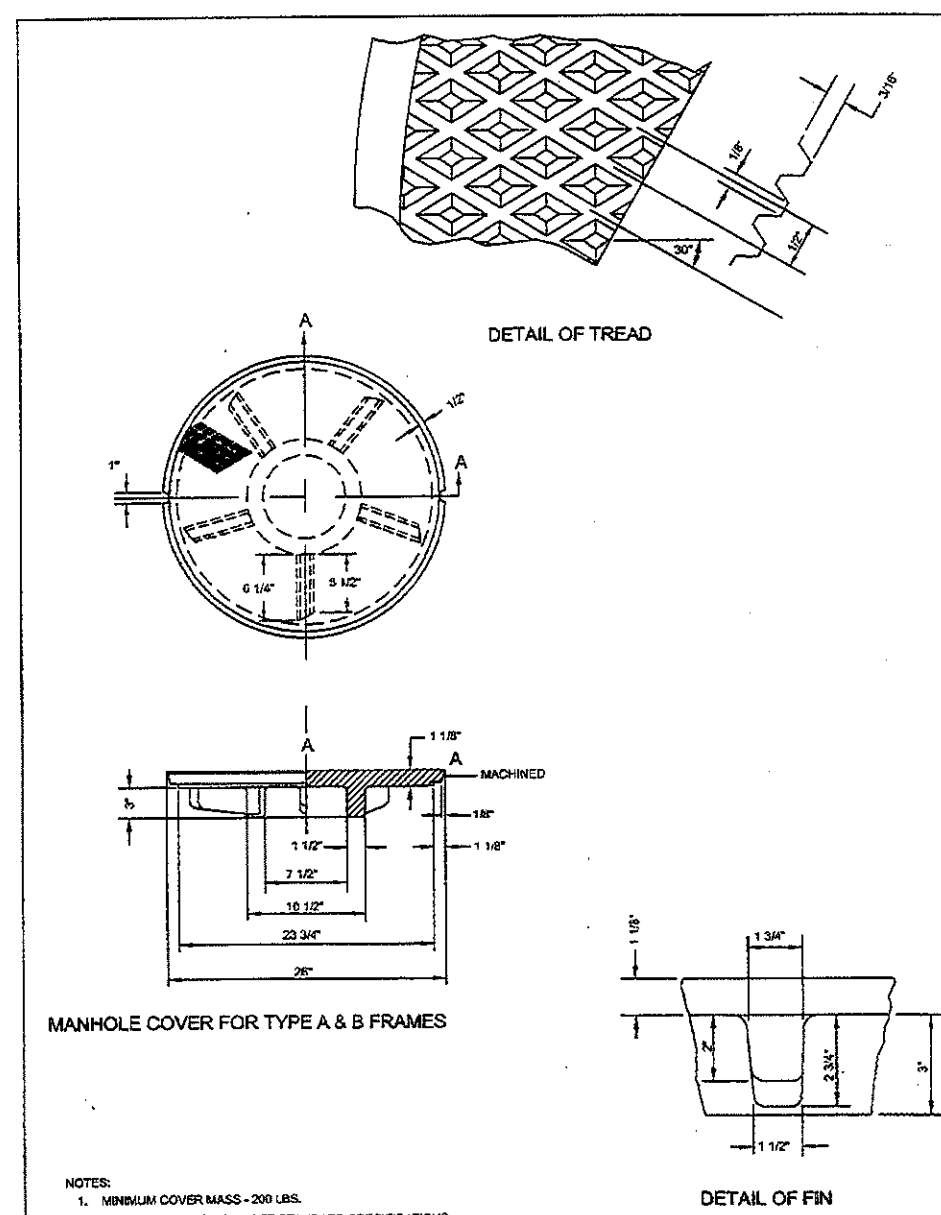
RECEIVED
NOV - 3 2020
WESTPORT
PLANNING BOARD

DATE:



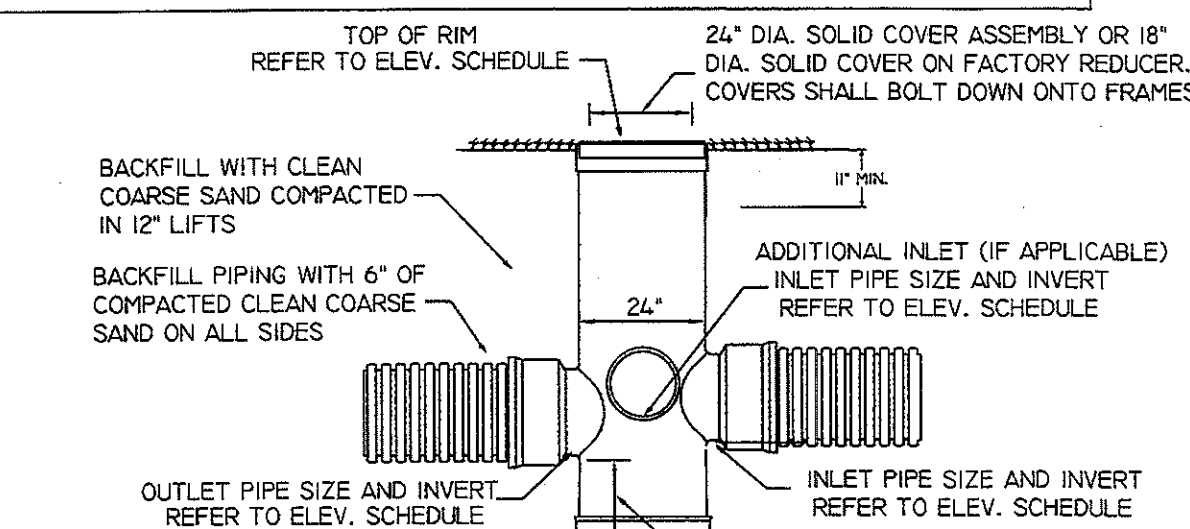
MANHOLE FRAME AND COVER - A FRAME

DATE OF ISSUE
DECEMBER 2016
DRAWING NUMBER
E 202.6.0



MANHOLE COVER DETAILS

DATE OF ISSUE
DECEMBER 2016
DRAWING NUMBER
E 202.8.0



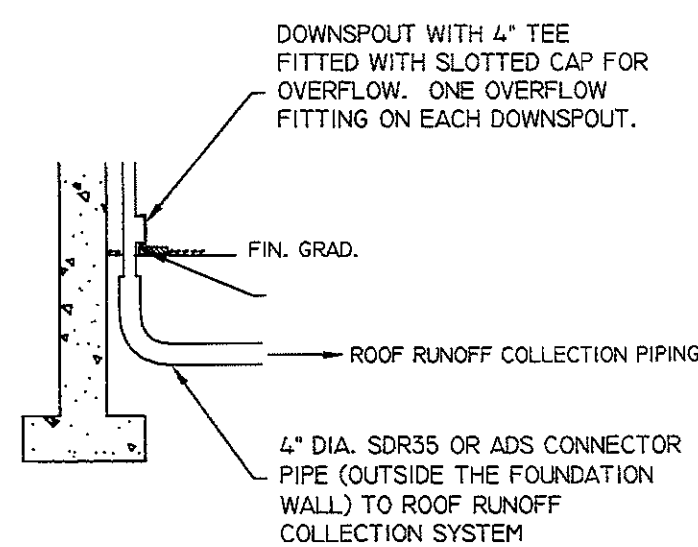
H2O-RATED DOUBLE WALL ADS REQUIRED WHERE ANY PORTION OF THE COLLECTION PIPING IS UNDER DRIVEWAY OR PARKING AREAS



NOTE:
A 24" MINIMUM DIAMETER NYLOPLAST MANHOLE MAY BE USED FOR ROOF RUNOFF COLLECTION MANHOLES #1 - #3. ALTERNATELY, STANDARD 4" DIA. CONCRETE MANHOLES MAY BE USED

ROOF RUNOFF COLLECTION MANHOLE - NON-TRAFFIC AREAS

NOT TO SCALE



DOWNSPOUT CONNECTOR DETAIL

NOT TO SCALE

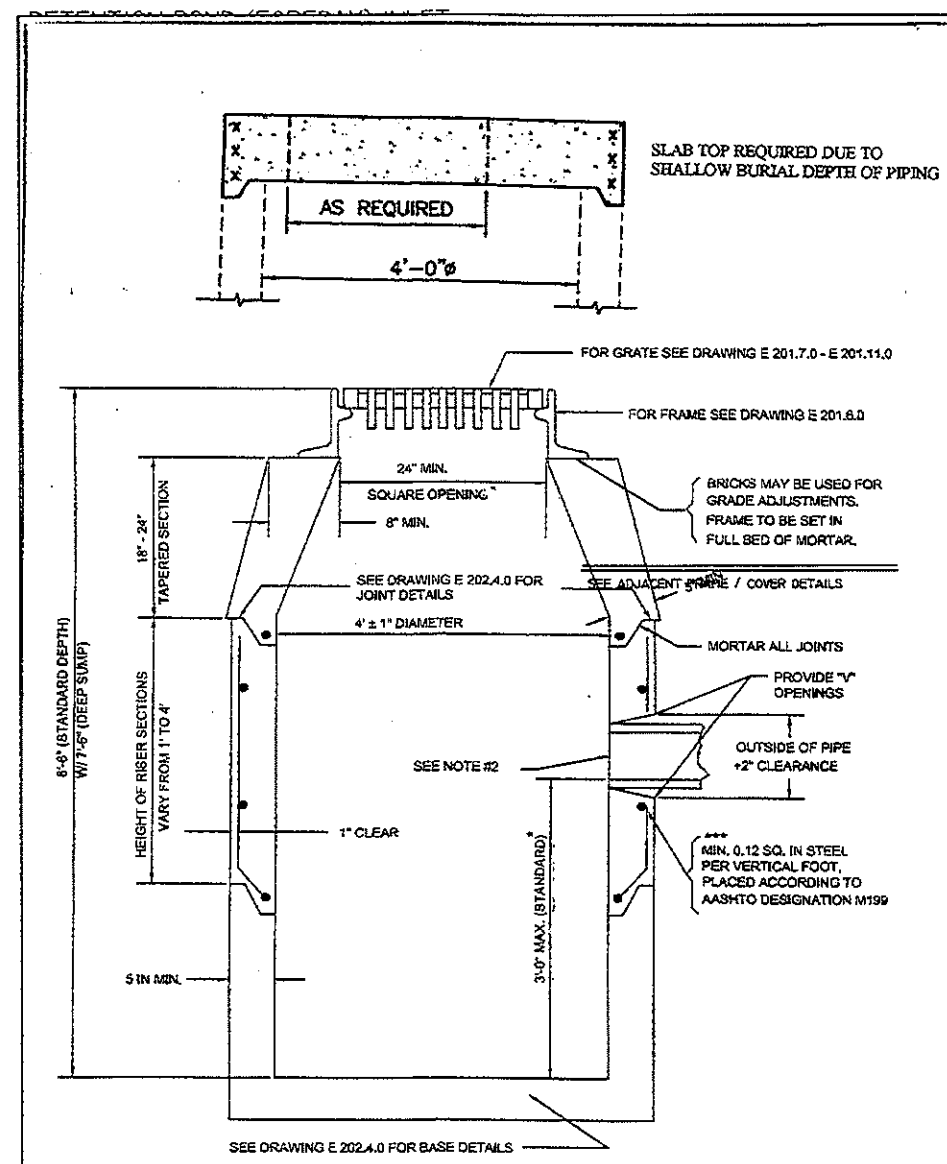
ROOF RUNOFF COLLECTION PIPING / MANHOLE ELEVATION SCHEDULE

NOTE: ALL ADS PIPING EXCEPT 12" DISCHARGE TO FOREBAY WHICH SHALL BE SCH40 PVC DUE TO SHALLOW BURIAL DEPTH

MANHOLE #1:
93.15RIM
91.64INV. 6" INLET (BOTH)
91.30INV. 8" OUTLET
89.80BOTTOM OF SUMP

MANHOLE #2:
87.15RIM
85.28INV. 8" INLET (BOTH)
84.78INV. 12" OUTLET
83.28BOTTOM OF SUMP

MANHOLE #3:
92.75RIM
90.85INV. 4" INLET FROM DOWNSPOUT
90.68INV. 6" INLET
90.35INV. 8" OUTLET
88.85BOTTOM OF SUMP



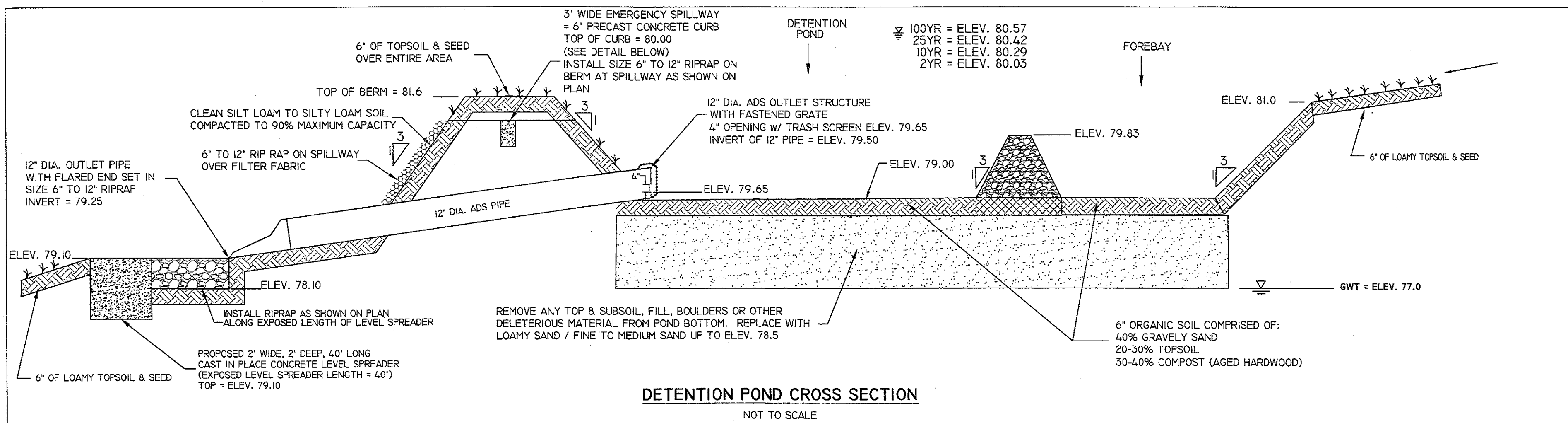
CONCRETE MANHOLE DETAIL

OPTIONAL ALLOWABLE SUBSTITUTION - MAY BE USED IN PLACE OF THE DESIGNATED NYLOPLAST MANHOLES WHERE RIM AND INVERT ELEVATIONS PERMIT

NOTE:
E 201.4.0 CATCH BASIN-STYLE MANHOLE WITH A SOLID COVER AND SUMP, USED AS AN INTERCEPTOR MANHOLE (IN PLACE OF THE SPECIFIED NYLOPLAST BASIN) IN THE ROOF RUNOFF COLLECTION PIPING SYSTEM.

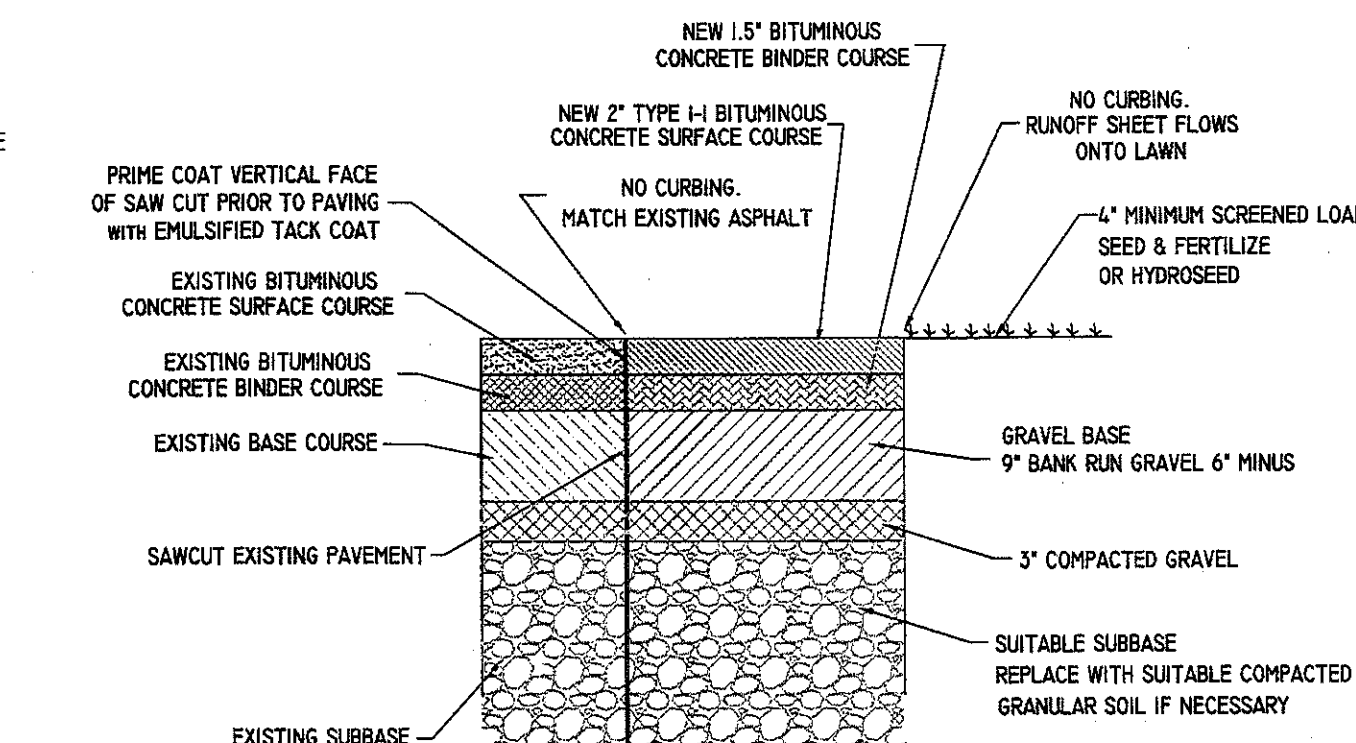
A SOLID COVER MUST BE USED. GRATE NOT PERMITTED.

FOR ROOF RUNOFF COLLECTION SYSTEM, A 12" MINIMUM SUMP IN EACH ROOF RUNOFF MANHOLE MAY BE USED.



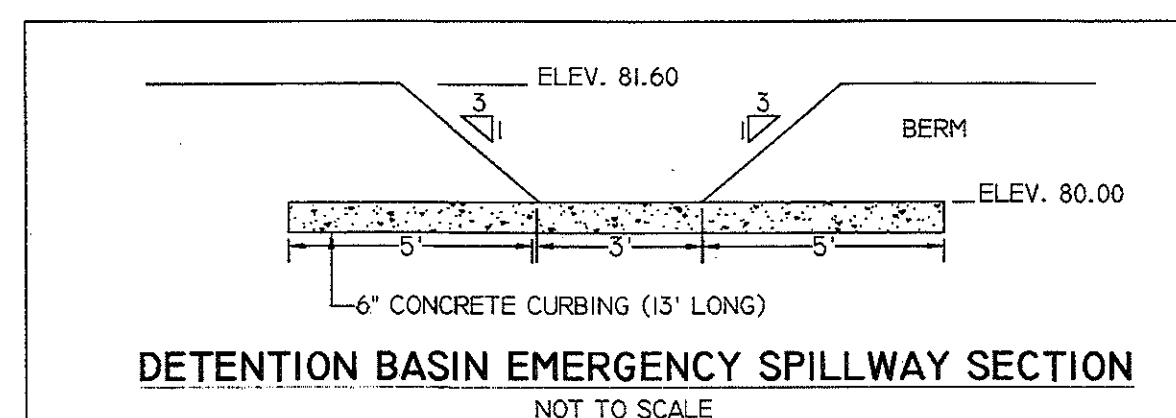
DETENTION POND CROSS SECTION

NOT TO SCALE



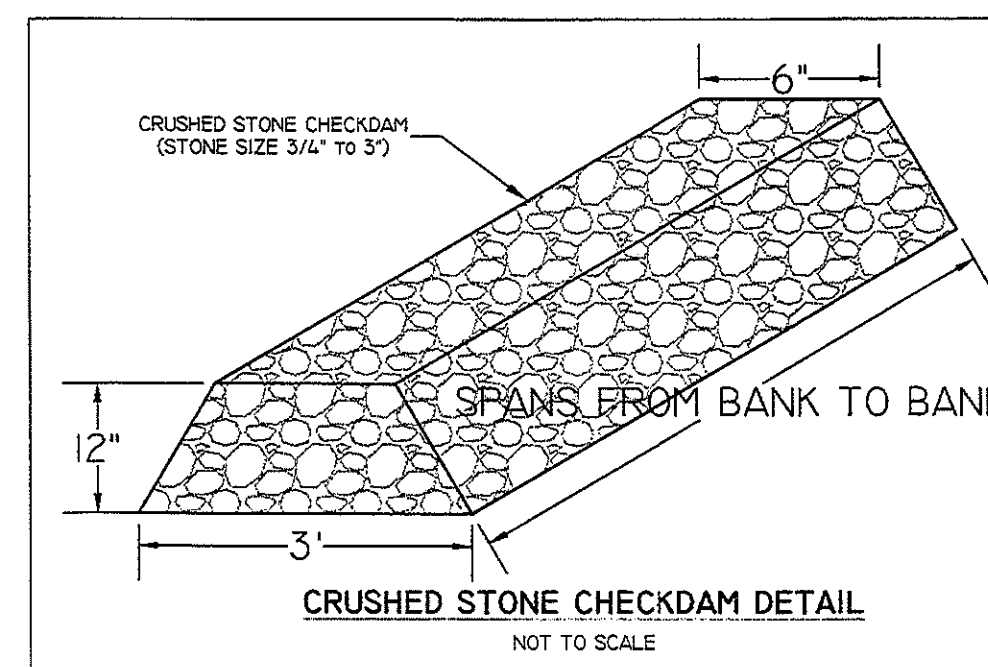
PARKING LOT ASPHALT DETAIL

(NOT TO SCALE)



DETENTION BASIN EMERGENCY SPILLWAY SECTION

NOT TO SCALE

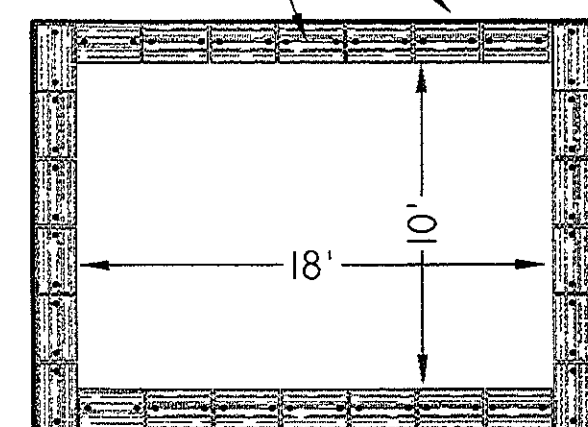


CRUSHED STONE CHECKDAM DETAIL

NOT TO SCALE

STAKED SILTATION FENCING OR STAKED SILT SOCK (SURROUNDING STAKED HAYBALES)

STAKED ROW OF HAYBALES



DEWATERING AREA DETAIL

NOT TO SCALE

WPTLED™ Tailpacks

Largest lumen package selection in industry. Available in 12, 25 and 40W models. Delivers up to 4000 lumens. Standard 0-10V dimming & 120-277V photocell. Vandal-resistant lens.

Replaces up to 150MH and 100HPS, reducing energy usage by up to 86%. Covers footprint of most HID tailpacks. Available with Lightcous™ Controller 400,000-Hour LED lifespan.

Specifications	Dimensions and weight
LED Lighting: Suitable for wet locations, wall mounts only. UL Listed: Long-life, high-efficiency surface mount LEDs.	Weight: 6.5 lbs. 2.5" x 1.5" x 1.5"
Drivers: 120V Class 2, Constant Current, 100-277V, 50/60Hz, 120V @ 100W, 200V @ 0.058A, 240V @ 0.058A, 277V @ 0.058A, 300mA, THD 14.3, Power Factor 90%, 8W surge protection. 250W Class 2, Constant Current, 100-277V, 50/60Hz, 120V @ 0.101A, 200V @ 0.101A, 240V @ 0.101A, 277V @ 0.101A, 300mA, THD 17.5, Power Factor 90%, 8W surge protection. 40W Class 2, Constant Current, 100-277V, 50/60Hz, 120V @ 0.322A, 200V @ 0.322A, 240V @ 0.322A, 277V @ 0.322A, 300mA, THD 17.1, Power Factor 90%, 8W surge protection.	Photometrics: WPTLED 12W at 1' Mounting Height. WPTLED 25W at 1' Mounting Height. WPTLED 40W at 1' Mounting Height.
Dimming: 0-10V dimmable driver. Lifespan: 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations. Ambient Temperature: Suitable for use in -40°C (-40°F) to 40°C (104°F) ambient temperatures.	
5000K	
Horizontal Watts @ 120V	
Input Watts	13 24 38
Output Lumens	1371 2588 4021
Lumens Per Watt	102 107 105
Color Accuracy (CRI)	74 75 74
4000K	
Input Watts	14 24 38
Output Lumens	1374 2516 4015
Lumens Per Watt	102 106 106
Color Accuracy (CRI)	73 73 73
3000K	
Input Watts	14 24 37
Output Lumens	1299 2386 3578
Lumens Per Watt	93 99 96
Color Accuracy (CRI)	73 73 73

Phosphor: 120-277V photocell standard, remove silicone cap to utilize. Housing: Precision die-cast aluminum. Mounting: Three (3) 1/2" NPT conduit entry points (2 slots for through-feed, and bottom, and cutting template for easy wall non-mounting). Reflector: High-gloss white aluminum. Reflector Lens: High-impact, diffuse, UV-stabilized polycarbonate. Thermal Management: Superior thermal management with die-cast aluminum heatsink. Gaskets: High-temperature silicone. Finish: Our environmentally friendly polyester powder coating is formulated for high durability and long-lasting color, and contains no VOC or toxic heavy metals. Green Technology: Mercury and UV Free, and RoHS compliant.

FOUR 40 WATT LED SCENCE-TYPE WALL MOUNT LIGHTS INSTALLED 12' ABOVE BUILDING FLOOR ELEVATION (16' +/- ABOVE AVERAGE OUTSIDE FINISHED GRADE). LOCATIONS AS SHOWN ON SHEET #3

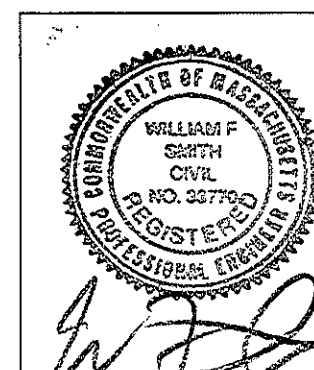
ALED-CMB2/78W-20P

78W and 100W specification-grade area lights with IES Type III distribution, offered in combination with poles. For use in roadway, general parking and other area lighting applications where a larger pool of lighting is required.

Color: Silver Weight: 6.0 lbs

Technical Specifications	Fixture: Construction	Finish:
Quantity: 2 qty of ALED0778	IES Classification: The Type III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.	Formulated for high durability and long-lasting color.
Fixture: Lifespan: Suitable for wet locations as a downlight	Lifespan: 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.	Weight: 32.5 lbs
LED Characteristics: LED Lifespan: 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.	LEDs: Six (6) multi-chip, 13W, high-output, long-life LEDs.	Construction: Tempered glass lens included
IP Rating: IP68	IP Rating: IP68	Housing: Die-cast aluminum housing, lens frame and mounting arm
Lighting: 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.	Ambient Temperature: Suitable for use in 40°C (104°F)	Mounting: Universal mounting arm compatible for hole spacing patterns from 1" to 6" center to center. Round Pole Adapter plate included as a standard. Easy slide and lock to mount fixture with ease.
Fixture: LED Characteristics: LED Lifespan: 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.	Thermal Management: Superior heat sinking with external Air-Flow fins	Color Consistency: LED color temperature is warranted to shift no more than 2000K in CCT over a 5-year period
Color Consistency: LED color temperature is warranted to shift no more than 2000K in CCT over a 5-year period	Color Uniformity: RAA range of CCT (Controlled Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products ANSI C78.37-2017.	Effective Projected Area: EPA = 0.75
Color Stability: LED color temperature is warranted to shift no more than 2000K in CCT over a 5-year period	Color Uniformity: RAA range of CCT (Controlled Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products ANSI C78.37-2017.	Gaskets: High-temperature silicone gaskets

THREE TWIN HEAD DOWNWARD (SHOEBOX-STYLE) 78 WATT LED POLE LIGHTS. LOCATIONS AS SHOWN ON SHEET #3



REVISIONS:	
11/2/20	REVISE SPILLWAY, LEVEL SPREADER
9/28/20	REVISE STORM DRAINAGE DETAILS
7/21/20	REVISE DETENTION POND DETAIL
6/14/20	ADD PAVEMENT DETAIL, PLAN NUMBERING

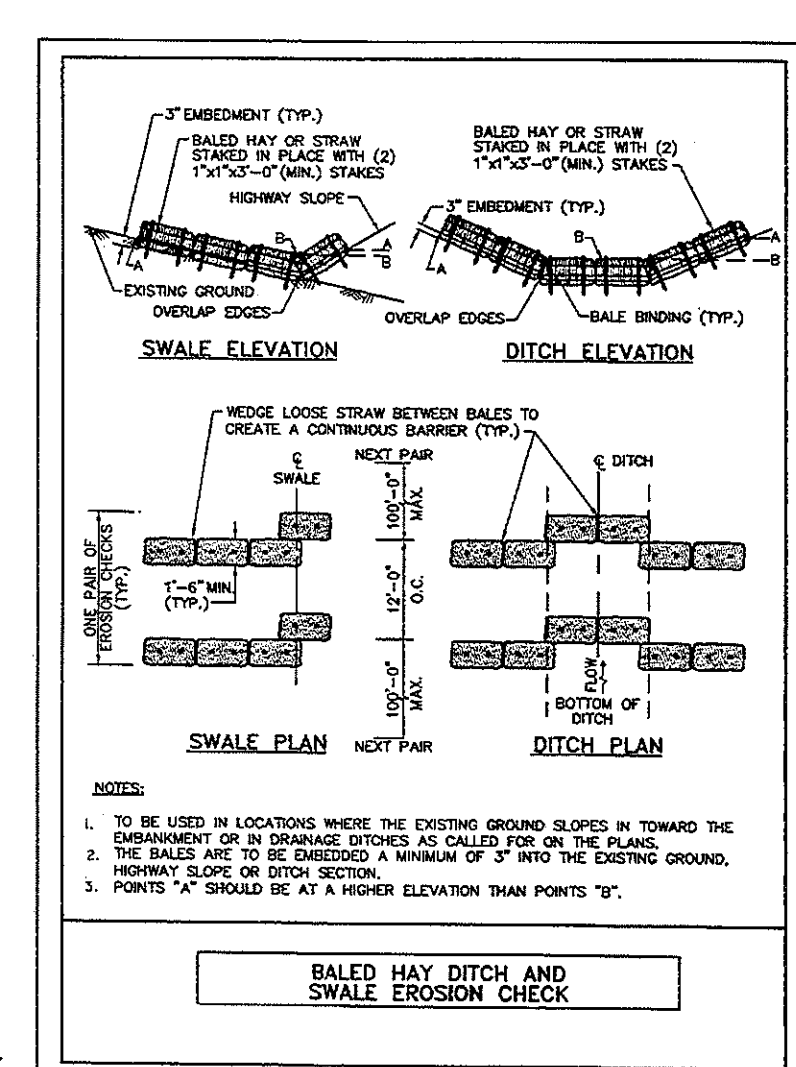
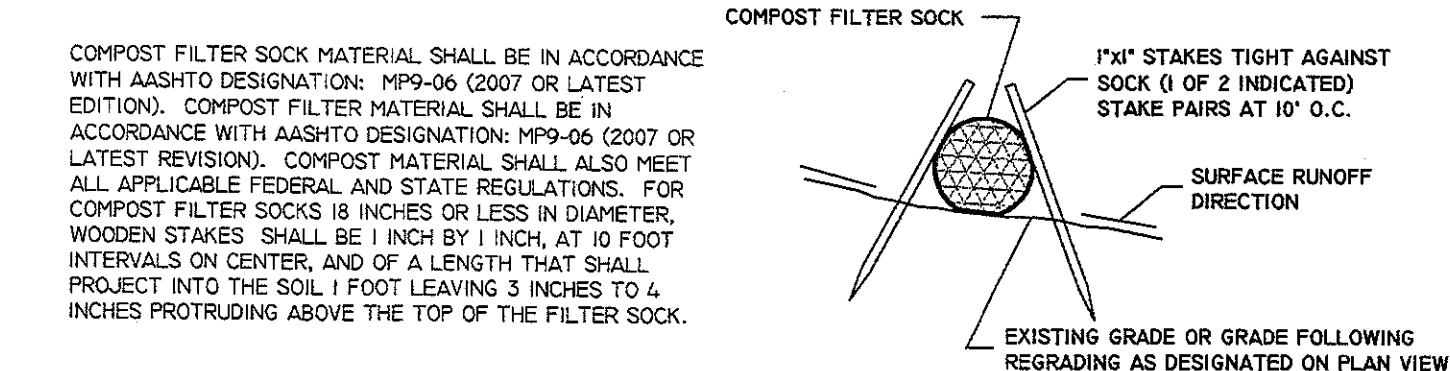
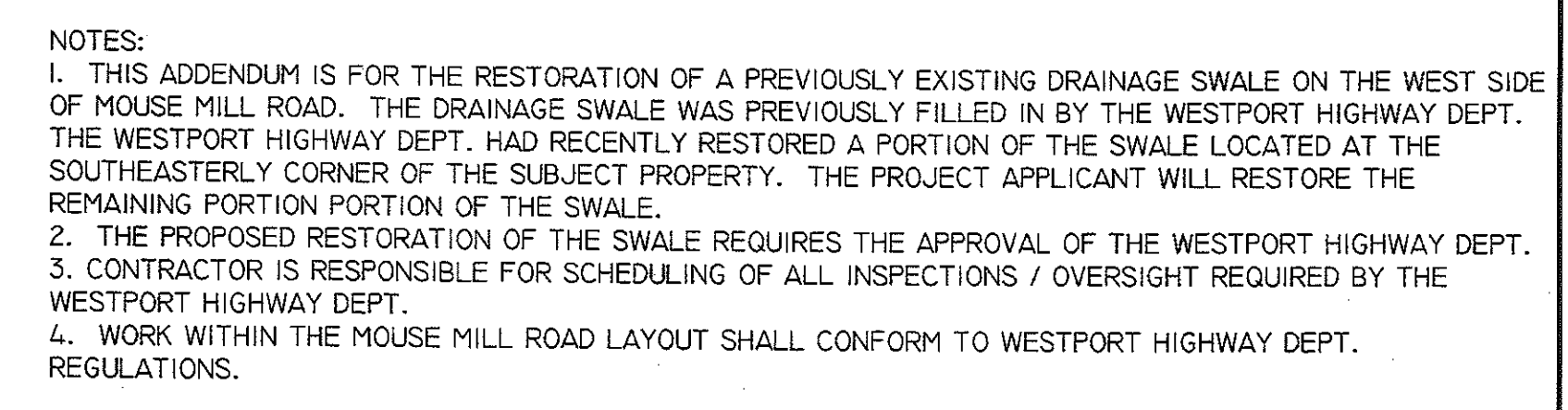
PLANNING BOARD SIGNATURES

DATE:

DRAINAGE SYSTEM AND LIGHTING DETAILS
PREPARED FOR
5 STAR COLLISION CENTER
ASSESSOR'S PLAT 35 LOT 3A
683A & 683B AMERICAN LEGION HIGHWAY
WESTPORT, MASSACHUSETTS

SCALE: NONE DATE: NOVEMBER 20, 2019

Civil Engineering Concepts, Inc.
34A MAIN STREET
LITTLE COMPTON, RI 02837
PH: (401) 592-0177
FAX: (401) 592-0178
P.O. BOX 5323
NEW BEDFORD, MA 02742
(508) 990-4900
EMAIL: wsmithcec@aol.com
JOB#: 13-139



RECEIVED
NOV - 3 2020
WESTPORT
PLANNING BOARD

PROPOSED MOUSE MILL ROAD
STORM DRAINAGE RESTORATION

PREPARED FOR

5 STAR COLLISION CENTER
ASSESSOR'S PLAT 35 LOT 3A
683A & 683B AMERICAN LEGION HIGHWAY
WESTPORT, MASSACHUSETTS

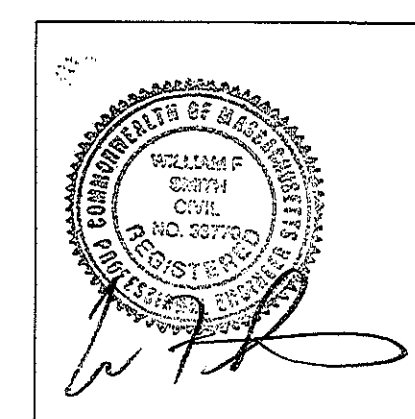
SCALE: 1" = 20' DATE: NOVEMBER 20, 2019

Civil Engineering Concepts, Inc.
34A MAIN STREET P.O. BOX 5323
LITTLE COMPTON, RI 02837 NEW BEDFORD, MA 02742
PH: (401) 592-0177 (508) 990-9490
FAX: (401) 592-0178 EMAIL: wsmithccc@aol.com

SHEET # OF 7 JOBB# 13-139

PLANNING BOARD SIGNATURES

DATE: _____



11/2/20 REVISE MOUSE MILL DRAINAGE
7/21/20 ADD DETENTION POND RIP RAP
6/9/20 ADD OFF-SITE DRAINAGE SHEET
REVISIONS: