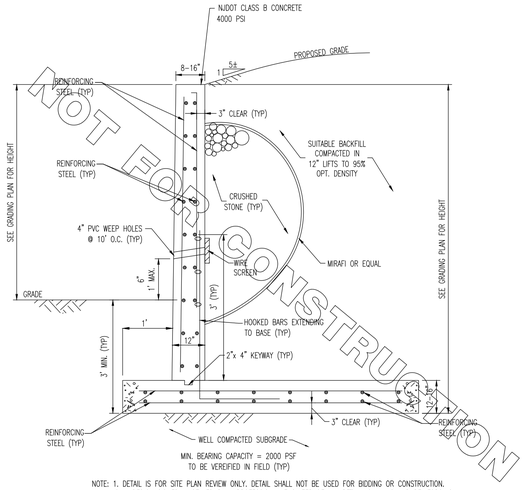
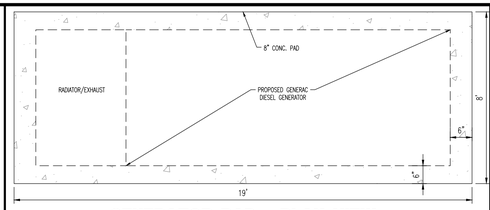


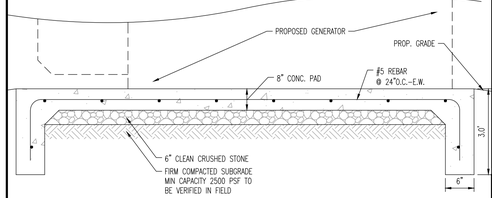
NOTE: 1. DETAIL IS FOR SITE PLAN REVIEW ONLY. DETAIL SHALL NOT BE USED FOR BIDDING OR CONSTRUCTION.
2. A DESIGN SIGNED & SEALED BY A PROFESSIONAL ENGINEER OF ALL RETAINING WALLS AND REINFORCING TO BE SUBMITTED TO MUNICIPAL ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION.

CONCRETE RETAINING WALL DETAIL

NOT TO SCALE



GENERATOR PAD - PLAN VIEW



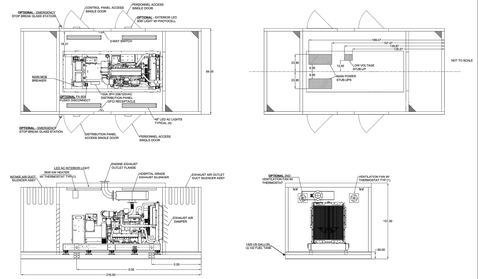
GENERATOR PAD - SECTION

NOTES:
1. GENERATOR DIMENSIONS, CONFIGURATION, AND UTILITY STUB-UPS TO BE VERIFIED WITH THE MANUFACTURER PRIOR TO CONSTRUCTION OF THE CONCRETE PAD. INSTALLATION AND ANCHORING OF GENERATOR TO BE IN ACCORDANCE WITH GENERAL INSTALLATION REQUIREMENTS (TYP.)

CONCRETE NOTES:
1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS WITH A MINIMUM CEMENT CONTENT OF 600 POUNDS PER CUBIC YARD FOR ALL FOOTINGS.
2. ALL CONCRETE SHALL HAVE A SLUMP OF NO GREATER THAN 4" TO WITHIN A TOLERANCE OF 1".
3. ALL EXPOSED CONCRETE SHALL BE AIR-ENTRAINED, 6% (WITHIN 1% TOLERANCE), CONFORMING TO ASTM C260.
4. REINFORCING STEEL BARS SHALL BE A MINIMUM ASTM A615, GRADE 60, AND SHALL BE FIELD WIRED IN PLACE.
5. ALL FRAMEWORK AND PLACEMENT OF CONCRETE SHALL COMPLY WITH GOOD CONSTRUCTION PRACTICES AND BE IN ACCORDANCE WITH ALL LOCAL GOVERNING CODES, AND REGULATIONS AS WELL AS THE ACI AND UNIFORM BUILDING CODE.

GENERATOR PAD

N.T.S.



NOTE: SEE MEP DRAWINGS FOR FINAL DETAIL

GENERAC 250KW DIESEL GENERATOR DETAIL

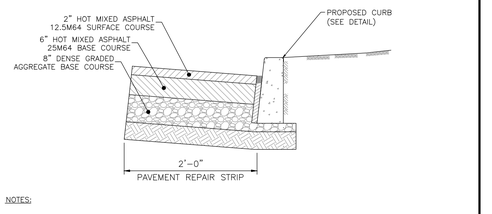
NOT TO SCALE

MAKE: BUFFTECH OR APPROVED EQUAL
MODEL: CHESTERFIELD CERTAGRAIN
COLOR: CERTAGRAIN NATURAL CLAY
HEIGHT: 6 FT
SOURCE: WWW.BUFFTECH.COM
POST CAP: NEW ENGLAND

INSTALL AS PER MANUFACTURER'S SPECIFICATIONS

6' VINYL FENCE DETAIL

NOT TO SCALE

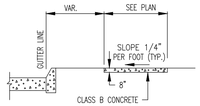


NOTES:
1. PAVEMENT REPAIR STRIP TO APPLY WHERE CURB IS PROPOSED WITHIN OR ADJACENT TO EXISTING PAVEMENT.

(FOR USE WITHIN ESSEX COUNTY ROW ONLY)

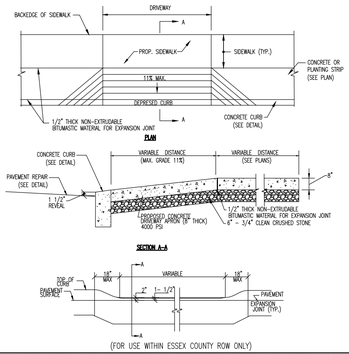
ESSEX COUNTY PAVEMENT REPAIR STRIP

NOT TO SCALE



ESSEX COUNTY CONCRETE SIDEWALK, 8" THICK

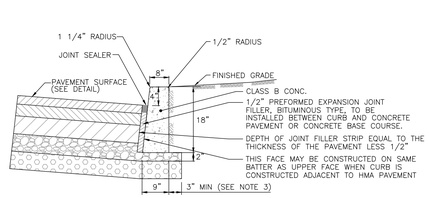
NOT TO SCALE



(FOR USE WITHIN ESSEX COUNTY ROW ONLY)

ESSEX COUNTY DEPRESSED CURB & CONCRETE APRON AT DRIVEWAY

NOT TO SCALE



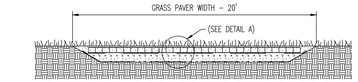
NOTES:
1. EXPANSION JOINTS 1/2 INCH WIDE IN THE CURB, AND EXPANSION JOINT ASSEMBLY IN THE MONOLITHIC PAVEMENT STRIP SHALL BE DIRECTLY OPPOSITE EVERY TRANSVERSE JOINT IN THE CENTRAL PAVEMENT STRIPS.
2. JOINT MATERIAL IN THE CURB SHALL BE AS SPECIFIED FOR CONCRETE VERTICAL CURB. THE TRANSVERSE EXPANSION JOINT MATERIAL SHALL NOT EXTEND THRU THE CURB.
3. BASE COURSE AND SUBBASE TO EXTEND A MINIMUM 3" BEYOND THE OUTER EDGE OF THE PROPOSED CURB.

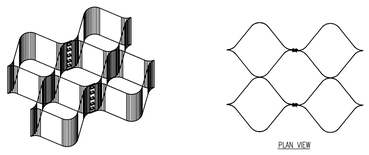
(FOR USE WITHIN ESSEX COUNTY ROW ONLY)

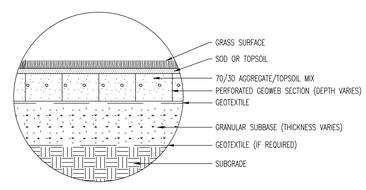
10/2/19 - A/W

ESSEX COUNTY CONCRETE VERTICAL CURB

NOT TO SCALE

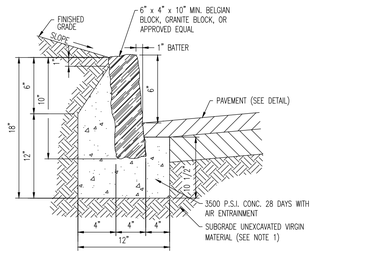






TYPICAL GRASS PAVER DETAILS

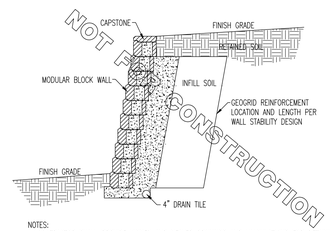
NOT TO SCALE



NOTES:
1. ANY EXCAVATION BELOW DESIRED GRADE DUE TO OVER EXCAVATION OR WET SOIL CONDITIONS SHALL BE BACKFILLED WITH 3/4" CLEAN CRUSHED STONE. ALL SUBGRADES SHALL BE APPROVED BY THE TOWNSHIP ENGINEER PRIOR TO POURING.
2. JOINTS SHALL BE NOT MORE THAN 1/4" WIDE FOR DRESSED BLOCK AND 3/8" WIDE FOR QUARRY SPLIT BLOCK. THE JOINTS SHALL BE POINTED WITH 1:1 CEMENT-SAND MORTAR.

BELGIAN BLOCK CURB DETAIL

NOT TO SCALE



NOTES:
1. CONTRACTOR SHALL PROVIDE SIGNED AND SEALED DRAWINGS AND CALCULATIONS FOR RETAINING WALL DESIGN FOR REVIEW AND APPROVAL BY ENGINEER AND TOWNSHIP BUILDING DEPARTMENT PRIOR TO CONSTRUCTION.
2. WALL SHALL BE CONSTRUCTED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

TYPICAL MODULAR BLOCK WALL DETAIL

NOT TO SCALE

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Plotted: 01/25/21 - 3:58 PM, By: jgerdes
File: P:\despe projects\1423 capitol seniors housing\99-005 west orange\Dwg\Site Plans\D1423990050D.dwg, ----> 11 CONSTRUCTION DETAILS

DYNAMIC ENGINEERING CONSULTANTS, PC
SURVEY • TRAFFIC

REV.	DATE	COMMENTS	BY

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

DRAWN BY: AOV | DESIGNED BY: DRL | CHECKED BY: DTS | CHECKED BY: _

PROJECT: CSH DEVELOPMENT, LLC
PROPOSED ASSISTED LIVING FACILITY
BLOCK 152.22, LOT 14.12.01
609 EAGLE ROCK AVENUE (CR-611)
TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY

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DANIEL T. SEHNAL
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NEW JERSEY LICENSE No. 53572

JOSEPH G. JAWORSKI
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 36618

TITLE: CONSTRUCTION DETAILS

SCALE: (H) NOT TO (V) SCALE | DATE: 01/25/2021
PROJECT No: 1423-99-005

SHEET No: 11 OF 13 | Rev. #: 0