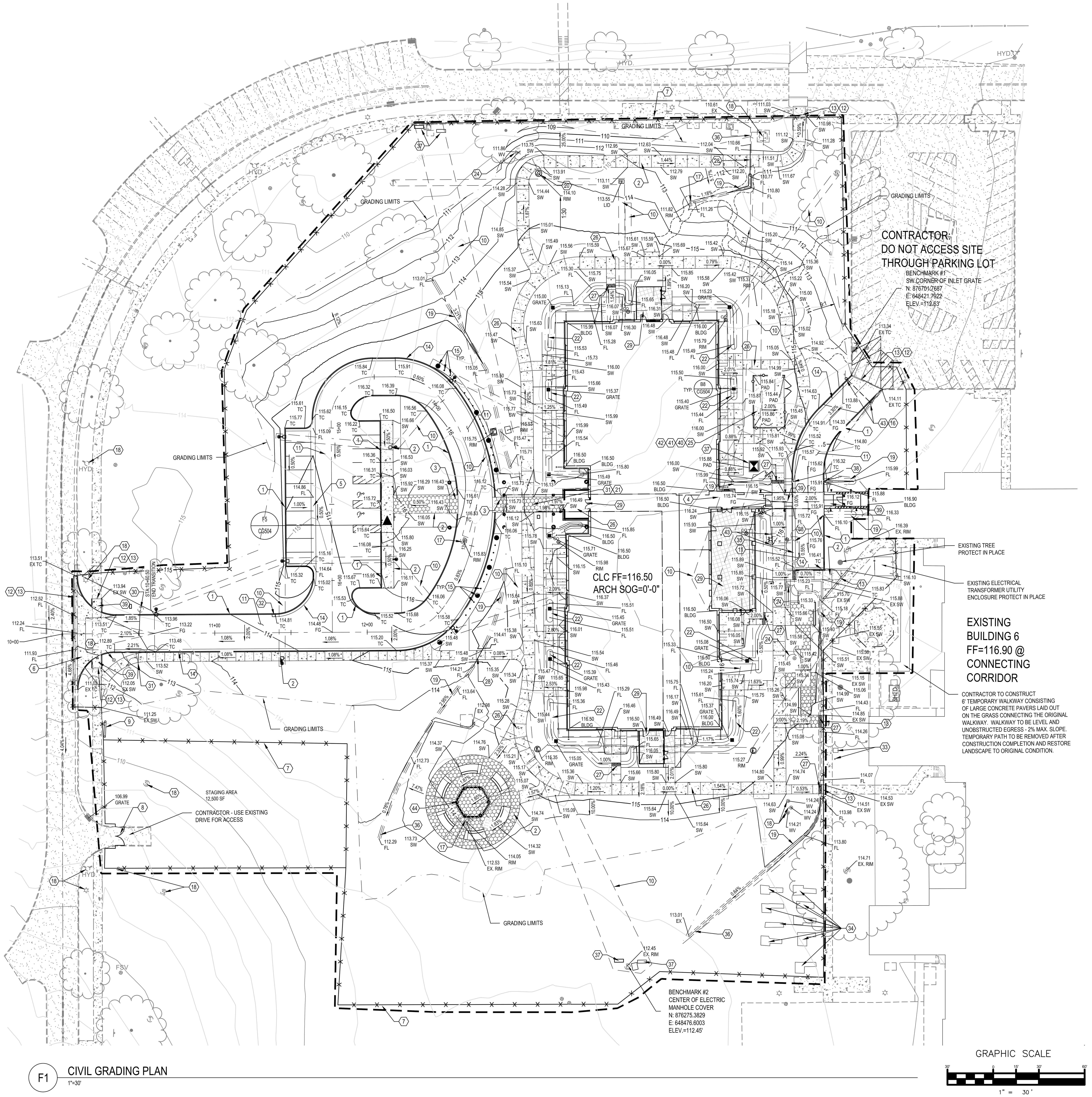

F1 CIVIL GRADING PLAN
1"=30'

NOTE:

THE CONTRACTOR SHALL PROVIDE A "QUALIFIED SWPPP DEVELOPER" (QSD) WHO WILL BE RESPONSIBLE FOR DEVELOPING A STORMWATER POLLUTION PREVENTION PLAN FOR THIS PROJECT. THE QSD WILL ACT AS A DATA SUBMITTER FOR THE VA, WITH THE FILING OF THE NOTICE OF INTENT TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION FOR COVERAGE UNDER THE CONSTRUCTION GENERAL PERMIT. THE CONTRACTOR SHALL BE RESPONSIBLE TO PAY ALL FEES ASSOCIATED WITH THIS PERMIT, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE NOTICE OF INTENT FILING AND ANNUAL FEES FOR MAINTAINING COVERAGE UNDER THIS PERMIT. THE CONTRACTOR WILL BE RESPONSIBLE FOR REVIEWING AND IMPLEMENTING THE PROVISIONS SPECIFIED IN THE SWPPP AND THE EROSION CONTROL PLANS. THE CONTRACTOR SHALL ALSO PROVIDE A "QUALIFIED SWPPP PRACTITIONER" (QSP) WHO WILL BE RESPONSIBLE FOR IMPLEMENTING THE SWPPP, AND WILL ASSIST THE VA IN THE FILING OF A NOTICE OF TERMINATION TO THE STATE WATER RESOURCES CONTROL BOARD AT THE END OF THE PROJECT.

SURVEY DISCLAIMER

SURVEY INFORMATION OF SITE DETERMINED FROM VA SUPPLIED AS-BUILT DRAWINGS AND , PHOTOGRAPHIC, VISUAL, AND LIDAR SURVEY CONDUCTED BY TRIPLE C. CONSTRUCTION HAS OCCURRED ON THIS SITE SINCE THE SURVEY WAS COMPLETED. CONDITION OF THE SITE MAY VARY FROM THE SURVEYED CONDITION. UTILITY LOCATIONS ARE IN APPROXIMATE LOCATION. CONTRACTOR TO PROVIDE UTILITY LOCATION SERVICE PRIOR TO EXCAVATION FOR VERIFICATION OF LOCATION AND DEPTH OF ALL UTILITIES TO PROVIDE NON-INTERRUPTION OF SERVICE, TO ENSURE PROPER CLEARANCE/SEPARATION, AND TO AVOID DAMAGE THERETO. UTILITIES DAMAGED THROUGH NEGLIGENCE OF THE CONTRACTOR TO OBTAIN LOCATION OF SAME SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

EXCAVATION NOTE

CONTRACTOR TO HAND DIG WITHIN 5' OF KNOWN UTILITIES.

CIVIL SHEET ABBREVIATIONS

ABBRV	ABBREVIATION
ABC	AGGREGATE BASE COURSE
AC	ASPHALTIC CONCRETE
ACP	ASPHALTIC CONCRETE PAVING
ADA	AMERICANS WITH DISABILITIES ACT
AGGR	AGGREGATE
APPROX	APPROXIMATE
ASPH	ASPHALT
ASSY	ASSEMBLY
AVE	AVENUE
BC	BACK OF CURB
BDRY	BOUNDARY
BITUM	BITUMINOUS
BLDG	BUILDING
BLVD	BOULEVARD
BM	BENCHMARK
BRG	BEARING
CB	CATCH BASIN
CFS	CUBIC FEET PER SECOND
CIP	CAST IRON PIPE
CL	CENTER LINE
CLASS	CLASSIFICATION
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CO	SEWER CLEAN OUT
CONC	CONCRETE
CONSTR	CONSTRUCTION
COORD	COORDINATE
CORR	CORRIDOR
CU FT	CUBIC FEET
CU YD	CUBIC YARD
DA	DRAINAGE AREA
DAT	DATUM
DEG	DEGREE
DEMO	DEMOLITION
DEPT	DEPARTMENT
DESCR	DESCRIPTION
DET	DETAIL
DI	DROP INLET
DIA	DIAMETER
DIFF	DIFFERENCE
DIM	DIMENSION
DIP	DUCTILE IRON PIPE
DIR	DIRECTION
DIST	DISTANCE
DWG	DRAWING
E	EAST
EA	EACH
EC	EDGE OF CURB
EG	EXISTING GRADE
EL	ELEVATION
ENGR	ENGINEER
ENTR	ENTRANCE
EP	EDGE OF PAVEMENT (PAVING)
EPA	ENVIRONMENTAL PROTECTION AGENCY
EQUIP	EQUIPMENT
ERD	EXISTING ROOF DRAIN
ES	EDGE OF SHOULDER
ESMT	EASEMENT
EST	ESTIMATE
EX	EXISTING
EXIST	EXISTING

F/F	FACE TO FACE
FF EL	FINISH FLOOR ELEVATION
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FM	FORCED MAIN SEWER
FOC	FACE OF CURB
FT	FEET OR FOOT
FTG	FOOTING
HC	HANDICAP
HCP	HANDICAPPED
HDPE	HIGH DENSITY POLYETHYLENE
HNDRL	HANDRAIL
HORIZ	HORIZONTAL
ID	INSIDE DIAMETER OR INSIDE DIMENSION
INFO	INFORMATION
INV	INVERT
INV EL	INVERT ELEVATION
LAT	LATITUDE
LF	LINEAR FEET (FOOT)
LOC	LOCATION
LP	LOW POINT
LS	LUMP SUM
MATL	MATERIAL
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MON	MONUMENT
MTG	MEETING
MULT	MULTIPLE
N	NORTH
NA	NOT APPLICABLE
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
PC	POINT OF CURVE
PCT	PERCENT
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PRKG	PARKING
PROJ	PROJECT
PROP	PROPOSED
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE (PLASTIC)
QTY	QUANTITY
R	RADIUS
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
RD	ROAD OR ROOF DRAIN
REQD	REQUIRED
ROW	RIGHT OF WAY
RT	RIGHT
RW	ROADWAY

SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SECT	SECTION
SF	SQUARE FOOT (FEET)
SHLDR	SHOULDER
SMH	STEAM MANHOLE
SP EL	SPOT ELEVATION
SPEC	SPECIFICATION
SQ YD	SQUARE YARD
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
ST	STREET
STLT	STREETLIGHT
STA	STATION
STD	STANDARD
STM	STEAM
SURF	SURFACE
SURV	SURVEY
SW	SIDEWALK
SWR	SEWER
SYM	SYMBOL
TAN	TANGENT
TC	TOP OF CURB
TD	TRENCH DRAIN
TE	TOP ELEVATION
TEMP	TEMPORARY
THK	THICKNESS
THRU	THROUGH
TMH	TOP OF MANHOLE
TOC	TOP OF CURB
TOC WALL	TOP OF CONCRETE WALL
TOF	TOP OF FOOTING
TOP	TOP OF WALL
TOPO	TOPOGRAPHY
TOS	TOP OF SLAB
TYP	TYPICAL
UGND	UNDERGROUND
UNPV RD	UNPAVED ROAD
UON	UNLESS OTHERWISE NOTED
UTIL	UTILITY
VAR	VARIES
VC	VERTICAL CURVE
VERT	VERTICAL
VIC	VICINITY
VOL	VOLUME
W	WEST
W/	WITH
W/O	WITHOUT

GRADING NOTES

1. EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON SHEET CG501-CG506.

2. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.

3. ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION", AS PROVIDED BY THE ARCHITECT OR OWNER. ALL OTHER WORK SHALL, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE TOWN OF CORTLANDT, MUNICIPAL CODE (SECOND PRIORITY).

4. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.

5. IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.

6. THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. THIS SHOULD BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS OR SILT FENCE AT THE PROPERTY LINES AND WETTING THE SOIL TO PROTECT IT FROM WIND EROSION.

7. A DISPOSAL SITE FOR ANY & ALL EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY VA COR. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASURE OR PAYMENT SHALL BE MADE.

8. PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATIONS SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATION.

9. DUST CONTROL REQUIRED THROUGHOUT CONSTRUCTION. SPECIAL CONSIDERATION TO BUILDING 5 AND ADJACENT CHILD CARE. SEE SPECIFICATION FOR DUST CONTROL SUBMITTAL REQUIREMENTS. COORDINATE WITH COR.

DEDUCTIVE ALTERNATES

SEE SHEET CS103 FOR DEDUCTIVE ALTERNATES

LEGEND

	EXISTING	NEW
EX. A.C. PAVEMENT		
CONCRETE - STANDARD BROOM FINISH		
CONCRETE - STAINED BROOM FINISH		
LIMITS OF CONSTRUCTION		
BACK OF CURB		
SIDEWALK		
FLOW LINE		
8' HIGH CONSTRUCTION FENCING		
SANITARY SEWER MANHOLE	S	
STORM DRAIN MANHOLE	D	D
SEWER CLEAN-OUT	CO	CO
STORM DRAIN INLET		
STREET LIGHT		
PIPE BOLLARD		
PLANTER BOLLARD AND DECORATIVE BOLLARD		
SLOPE AND FLOW DIRECTION	(0.50%)	0.50%
TELECOMMUNICATIONS MANHOLE	T	
DECORATIVE LOUVERED FENCE		
STRUCTURAL DESIGN CONCRETE		
SIDEWALK SCUPPER		

CONSTRUCTION NOTES LEGEND

1	CONSTRUCT 6" CONCRETE CURB - SEE DETAIL B1, SHEET CG501
2	CONSTRUCT 5" CONCRETE SIDEWALK (BROOM FINISH) - SEE DETAIL C5, SHEET CG501
3	CONSTRUCT ACCESSIBLE RAMP 1 - SEE DETAIL E1, SHEET CG501
4	CONSTRUCT ENCLOSED WALKWAY - SEE ARCHITECTURAL PLANS F1, SHEET A-101A
5	CONSTRUCT 3' CONCRETE DRAINAGE SWALE - SEE DETAIL A6, SHEET CG501
6	CONSTRUCT CONCRETE APRON - SEE DETAIL E3, SHEET CG501
7	CONSTRUCT 10' HIGH CONSTRUCTION FENCING W/ FABRIC SCREEN - DETAIL E8, CG502
8	CONSTRUCT CONSTRUCTION YARD ENTRANCE GATE - (2) 6' CENTER LOCKING
9	CONSTRUCT CONSTRUCTION SIGN - SEE DETAIL F8, SHEET CG501
10	CONSTRUCT UTILITY TRENCH - SEE DETAIL B3, SHEET CG501 FOR DIRECT BURY PIPE
	- SEE DETAIL C5, SHEET CG506 FOR CONCRETE DUCT BANK
11	CONSTRUCT POROUS PAVEMENT - SEE DETAIL C7, SHEET CG506
12	SAW-CUT EXISTING PAVEMENT OR SIDEWALK
13	CONNECT TO EXISTING - SEE DETAIL A5, SHEET CG501 FOR CONCRETE
14	CONSTRUCT 2' VERT. CURB SEE DETAIL F5, SHEET CG501
15	CONSTRUCT PLANTER BOLLARD / DECORATIVE BOLLARD - SEE DETAIL F1, SHEET LP302
16	CONSTRUCT EMERGENCY ACCESS BARRIER GATE
	W/ SIGN "EMERGENCY VEHICLES ONLY" - SEE DETAIL B1, SHEET CG502
17	ADJUST SAN. / STORM SEWER MANHOLE RIM - RAISE TO MATCH NEW GRADE
18	EXISTING UTILITY - PROTECT IN PLACE PER DETAIL B8, SHEET CG501
19	CONSTRUCT 2' DRAINAGE SWALE - SEE DETAIL F8, SHEET CG502
20	CONSTRUCT 48" STORM DRAIN MANHOLE - SEE SHEET CU101
21	HAND DIG WITHIN 6' OF NEWLY INSTALLED ELEC./TELECOM CONDUIT - SEE SHEET CU101
22	CONSTRUCT 4' GRASS LINED DRAINAGE SWALE - SEE DETAIL F8, SHEET CG502
	- GRADE TOWARDS CATCH BASIN AT 0.50% MIN. SLOPE
23	CONSTRUCT 18"x18" CATCH BASIN - SEE SHEET CU101
24	ADJUST EXISTING GATE VALVE -VALVE BOX, MATCH FINISH GRADE ELEVATION
25	CONSTRUCT MECHANICAL PAD - SEE DETAIL F1, SHEET CG503
26	CONSTRUCT 5" CONCRETE SIDEWALK (STAINED) - SEE DETAIL C5, SHEET CG501
27	CONSTRUCT 2' SIDEWALK SCUPPER - SEE DETAIL E7, SHEET CG503
28	CONSTRUCT 6" PVC PIPE UNDER SIDEWALK - SEE DETAIL E5, SHEET CG503
29	CONSTRUCT STRUCTURAL DESIGN CONCRETE - SEE STRUCTURAL PLANS
30	EXISTING TELECOMM MANHOLE - PROTECT IN PLACE
31	CAUTION - UNDERGROUND ELEC./TELECOMM CONDUIT. - PROTECT IN PLACE
32	CONSTRUCT 2' CONCRETE "TIP-OUT" CURB - SEE DETAIL C4, SHEET CG505
33	RE-INSTALL EXISTING SATELLITE DISH, POLE, AND FOUNDATION. COORDINATE WITH COR.
34	RE-INSTALL EXISTING MINI-PUTT COURSE. COORDINATE WITH COR.
35	CONSTRUCT 2' CONCRETE DRAINAGE SWALE - SEE DETAIL A6, SHEET CG501
36	GRADE DITCH TO DAYLIGHT
37	CONSTRUCT PRE-CAST ELECTRICAL PAD - SEE DETAILS C3, SHEET CG506
38	CONSTRUCT 2' CURB OPENING - SEE DETAIL B1, SHEET CG501
39	CONSTRUCT ACCESSIBLE RAMP 2 - SEE DETAIL F1, SHEET CG506
40	CONSTRUCT DECORATIVE FENCING - SEE DETAIL F6, SHEET CG505
41	CONSTRUCT 3' MAN-GATE - SEE DETAIL F6, SHEET CG505
42	CONSTRUCT 12' DOUBLE SWING GATES - SEE DETAIL F6, SHEET CG505
43	CONSTRUCT PIPE BOLLARD - SEE DETAIL C1, SHEET CG506
44	GAZEBO NOT IN SCOPE OF WORK

APPROX. GRADING AND PAVING QUANTITIES

DESCRIPTION	QUANTITY	UNITS
5" CONCRETE SIDEWALK - STANDARD BROOM FINISH	18,065	SF
5" CONCRETE SIDEWALK - STAINED BROOM FINISH	4,480	SF
6" CONCRETE CURB	695	LF
2' CONCRETE VERTICAL CURB & GUTTER	700	LF
2' CONCRETE SWALE	51	LF
3' CONCRETE SWALE	91	LF
CONCRETE APRON	470	SF
PERMEABLE PAVEMENT	20,175	SF
ACCESSIBLE RAMP	6	EA
UTILITY TRENCH	3,640	LF
CONSTRUCTION FENCING	1,985	LF
(2) 6' CONSTRUCTION GATE	1	EA
CONSTRUCTION SIGN	1	EA
ADJUST MANHOLE RIM ELEVATION	3	EA
4' GRASS LINED DRAINAGE SWALE	640	LF
ADJUST GATE VALVE - VALVE BOX ELEVATION	2	EA
MECHANICAL PAD	86	SF
EMERGENCY ACCESS BARRIER GATE (TWO - 12' SWING)	1	EA
2' GRASS LINED DRAINAGE SWALE	575	LF
PRECAST ELECTRICAL PAD	2	EA
DECORATIVE FENCE AT GENERATOR	96	LF
12' LOCKING DOUBLE SWING GATES	1	EA
3' LOCKING MAN-GATE	1	EA
EARTHWORK - FILL (UNADJUSTED)	11,827	CY

Revisions:	Date:

CONSULTANT

HINMAN — Protective Design Specialist, 240 West 35th St. Suite 1004, New York, NY 10001, (212) 967-4890, Corrine Tan, SE
C.S.Davidson, Inc. — Structural, 315 West James Street, Suite 102, Lancaster, PA 17603, (717) 481-2991, Jason Vannoy, SE, PE
MES GROUP — MEP, 550 North Reo Street, Suite 203, Tampa, FL 33609, (813) 289-4700, Nicholas Stephenson, PE

ARCHITECT/ENGINEER OF RECORD

A/E:
TRIPLE C - The A/E Group
201 E. Jefferson Street, Suite 200
Syracuse, NY 13202
315.484.5958
Mat Perkins

TRIPLE C - THE A&E GROUP
A MULTI-DISCIPLINE COMPANY

STAMP
EXPIRES: 12/31/24

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: CIVILGRADING PLAN
Approved:
Phase: ISSUED FOR CONSTRUCTION
Project Title: NEW COMMUNITY LIVING CENTER
Project Number: 620-334
Building Number: CLC
Location: 2094 Albany Post Road, Montrose, NY 10548
Issue Date: 05/09/2022
Checked: PERKINS
Drawn: STRUBLE
Drawing Number: CG101

VA FORM 08 - 6231