

**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 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-INTERUPTION 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 3' OF KNOWN UTILITIES.

**CIVIL SHEET ABBREVIATIONS**

ABBRV	ABBREVIATION	FF	FACE TO FACE	SD	STORM DRAIN
ABC	AGGREGATE BASE COURSE	FF EL	FINISH FLOOR ELEVATION	SDMH	STORM DRAIN MANHOLE
AC	ASPHALTIC CONCRETE	FG	FINISH GRADE	SECT	SECTION
ACP	ASPHALTIC CONCRETE PAVING	FW	FINISH WYSE (FOOT FEET)	SF	SQUARE FOOT (FEET)
ADA	AMERICANS WITH DISABILITIES ACT	FL	FLOW LINE	SHLDR	SHOULDER
AGCR	AGGREGATE	FM	FORCED MAIN SEWER	SMH	SPOT MANHOLE
APPROX	APPROXIMATE	FOC	FACE OF CURB	SP EL	SPOT ELEVATION
ASPH	ASPHALT	FT	FEET OR FOOT	SPEC	SPECIFICATION
ASBY	ASSEMBLY	FTG	FOOTING	SQ YD	SQUARE YARD
AVE	AVENUE	HC	HANDICAP	SS	SANITARY SEWER
BC	BACK OF CURB	HCP	HANDICAPPED	SSMH	SANITARY SEWER MANHOLE
BDRY	BOUNDARY	HDRP	HIGH DENSITY POLYETHYLENE	ST	STREET
BTM	BITUMINOUS	HNRL	HANDRAIL	STL	STREETLIGHT
BUDG	BUILDING	HORIZ	HORIZONTAL	STA	STATION
BULD	BOLLEVAARD	ID	INSIDE DIAMETER OR INSIDE DIMENSION	STD	STANDARD
BM	BENCHMARK	INFO	INFORMATION	STM	STEAM
BRG	BEARING	INVT	INVERT	SURF	SURFACE
CB	CATCH BASIN	INV EL	INVERT ELEVATION	SVR	SURVEY
CFS	CUBIC FEET PER SECOND	LOC	LOCATION	SW	SIDWALK
CIP	CAST IRON PIPE	LAT	LATITUDE	SWR	SEWER
CLASS	CLASSIFICATION	LOC	LOCATION	SYM	SYMBOL
CMP	CORRUGATED METAL PIPE	LP	LOW POINT	TAN	TANGENT
CMU	CONCRETE MASONRY UNIT	LS	LUNG-SUM	TC	TOP OF CURB
CO	SEWER CLEAN OUT	MATL	MATERIAL	TE	TRENCH
CONC	CONCRETE	MH	MANHOLE	TEMP	TEMPORARY
CONSTR	CONSTRUCTION	MN	MINIMUM	THK	THICKNESS
COORD	COORDINATE	MISC	MISCELLANEOUS	THRU	THROUGH
CORR	CORRIDOR	MON	MONUMENT	TMH	TOP OF MANHOLE
CU FT	CUBIC FEET	MTD	MEETING	TOC	TOP OF CURB
CY	CUBIC YARD	MULT	MULTIPLE	TOE	TOP OF CONCRETE WALL
DA	DATE	NA	NORTH	TOF	TOP OF FOOTING
DATUM	DATUM	NO	NOT APPLICABLE	TOPO	TOPOGRAPHY
DEG	DEGREE	NTS	NOT TO SCALE	TOS	TOP OF SLAB
DEMO	DEMOLITION	OC	ON CENTER	TY	TYPICAL
DEPT	DEPARTMENT	PC	POINT OF CURVE	UGND	UNDERGROUND
DESCR	DESCRIPTION	PCT	PERCENT	UNP RD	UNPAVED ROAD
DET	DETAIL	PI	POINT OF INTERSECTION	UN	UNLESS OTHERWISE NOTED
DI	DIAMETER	PL	PROPERTY LINE	UTL	UTILITY
DIA	DIAMETER	PRG	PARKING	VAR	VARIABLE
DIFF	DIFFERENCE	PROJ	PROJECT	VC	VERTICAL CURVE
DM	DIMENSION	PROP	PROPOSED	VERT	VERTICAL
DP	DUCTILE IRON PIPE	PSF	POUNDS PER SQUARE FOOT	VIC	VICINITY
DIR	DIRECTION	PVC	POLYVINYL CHLORIDE (PLASTIC)	VOL	VOLUME
DIST	DISTANCE	QTY	QUANTITY	W	WEST
DWG	DRAWING	R	RADIUS	WTH	WITH
E	EAST	R CB	REINFORCED CONCRETE BOX	W/O	WITHOUT
EA	EDGE OF CURB	RCP	REINFORCED CONCRETE PIPE		
EG	EXISTING GRADE	RD	ROAD OR ROOF DRAIN		
EL	ELEVATION	REQD	REQUIRED		
ENGR	ENGINEER	RHW	RIGHT OF WAY		
ENTR	ENTRANCE	RT	RIGHT		
EP	EDGE OF PAVEMENT (PAVING)	RW	ROADWAY		
EPA	ENVIRONMENTAL PROTECTION AGENCY				
EQIP	EQUIPMENT				
ERD	EXISTING ROOF DRAIN				
ESMT	EDGE OF SHOULDER				
EST	ESTIMATE				
EX	EXISTING				
EXIST	EXISTING				

**LEGEND**

	EXISTING	NEW
EX. A.C. PAVEMENT		
CONCRETE - STANDARD BROOM FINISH		
CONCRETE - STANDED BROOM FINISH		
LIMITS OF CONSTRUCTION		
BACK OF CURB		
SIDEWALK		
FLOW LINE		
8" HIGH CONSTRUCTION FENCING		
SANITARY SEWER MANHOLE		
STORM DRAIN MANHOLE		
SEWER CLEAN-OUT		
STORM DRAIN INLET		
STREET LIGHT		
PIPE BOLLARD		
PLANTER BOLLARD AND DECORATIVE BOLLARD		
SLOPE AND FLOW DIRECTION		
TELECOMMUNICATIONS MANHOLE		
DECORATIVE LOUVERED FENCE		
STRUCTURAL DESIGN CONCRETE		
SIDEWALK SCUPPER		
FLOW DIRECTION		
GRAVEL BAG		
25 LF STRAW WATTLE		
GRAVEL CONSTRUCTION		
ENTRANCE - 30" LF x 12" LF		
- SEE DETAIL F5 SHEET CG503		

**CONSTRUCTION NOTES LEGEND**

(1)	GRAVEL BAG INLET PROTECTION
(2)	STRAW WATTLE PROTECTION AT TEMPORARY FENCE LINE
(3)	GRAVEL CONSTRUCTION ENTRANCE

**GRADING NOTES**

- EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON SHEET CG01-CG06.
- THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.
- ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "SPECIAL 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 CORTLAND MUNICIPAL CODE (SECOND PRIORITY).
- EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
- 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.
- 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 BERING OR SIL FENCE AT THE PROPERTY LINES AND WETTING THE SOIL TO PROTECT IT FROM WIND EROSION.
- 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 HAIL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASURE OR PAYMENT SHALL BE MADE.
- PAVING AND ROADWAY GRADES SHALL BE +0.01' FROM PLAN ELEVATIONS. PAD ELEVATIONS SHALL BE +0.05' FROM BUILDING PLAN ELEVATION.
- DUST CONTROL REQUIRED THROUGHOUT CONSTRUCTION. SPECIAL CONSIDERATION TO BUILDING 5 AND ADJACENT CHILD CARE. SEE SPECIFICATION FOR DUST CONTROL SUBMITTAL REQUIREMENTS. COORDINATE WITH COR.

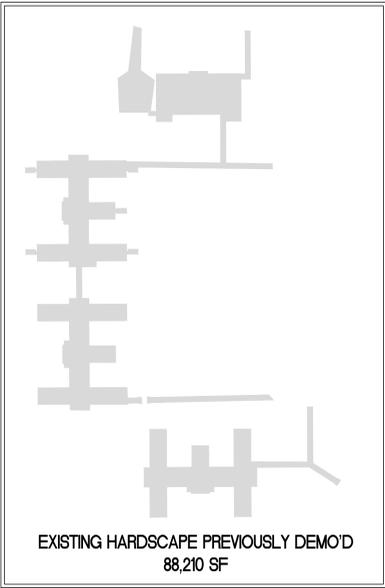
**CHANGE IN IMPERVIOUS CONDITIONS**

IMPERVIOUS AREA PRIOR TO DEMOLITION OF BUILDINGS 8, 9, 10, AND 26:	88,210 SF
PHASE 1 IMPERVIOUS AREA (BUILDINGS, PARKING, AND SIDEWALK):	62,312 SF
EXISTING STORM DRAIN SYSTEM DESIGNED FOR ADDITIONAL 88,210 SF OF IMPERVIOUS SURFACE THAN CURRENTLY IS DIRECTED TO SYSTEM.	
PHASE 1 CONSTRUCTION WILL GENERATE LESS STORM FLOW THAN PREVIOUS CONDITION.	
PHASE 2 WILL EXCEED PREVIOUS IMPERMEABLE CONDITIONS.	

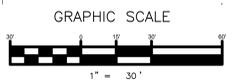
**STORM FLOW NOTES**

ALL STORM FLOW FROM PROJECT SITE IS DIRECTED TO EXISTING STORM DRAIN SYSTEM. EXISTING STORM DRAIN SYSTEM DRAINS TO 1.5 ACRE (APPROX.) RETENTION POND AT SOUTH OF VA PROPERTY. RETENTION POND AT SOUTH OF VA PROPERTY CAPTURES FLOW BEFORE LEAVING VA PROPERTY. THIS PROJECT WILL NOT INCREASE FLOW EXITING VA PROPERTY AT HISTORIC DISCHARGE LOCATION.

**DEDUCTIVE ALTERNATES**  
 SEE SHEET CG103 FOR DEDUCTIVE ALTERNATES



F1 CIVIL GRADING PLAN  
 1"-30'



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