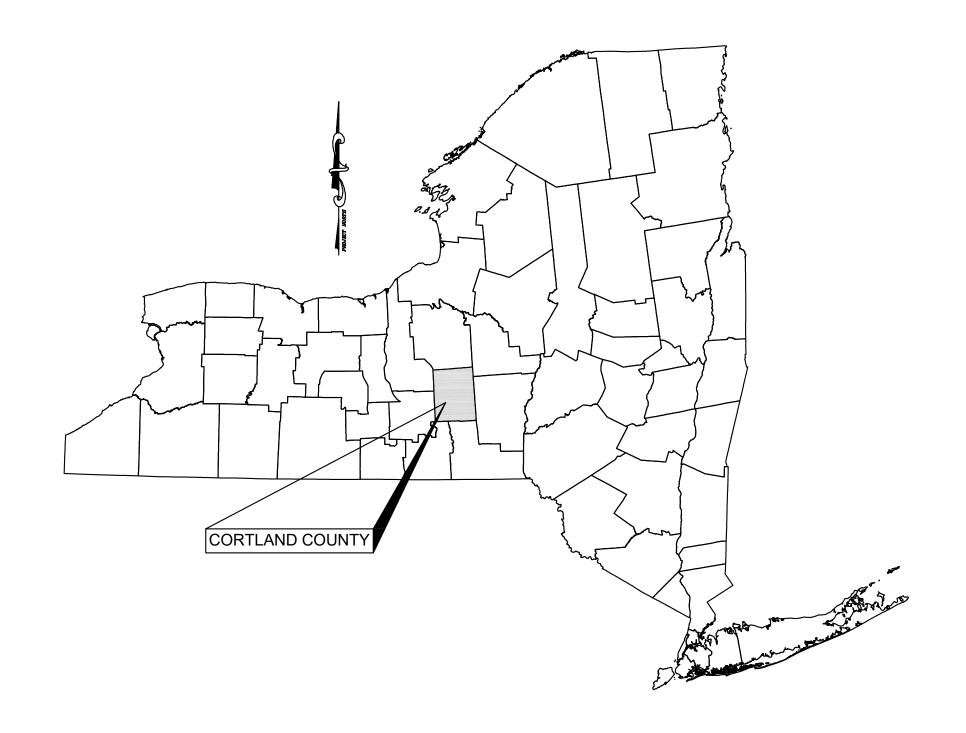


Also Doing Business As (DBA):

TRANSMITTAL

HAWK

To:	Town of Cortlandville Planning & Zoning			Project	t: _	Cortland-Virgil Solar
	The Raymond G. Thorpe		. Thorpe Municipal Building	_	_	
	357	7 Terrace Ro	pad			
	Cortland, New York 1304		ork 13045	Project	t #:	2850.24418.6
Attn:	Mr.	Bruce Webe	r	Date:	_	February 12, 2019
Quantity		Date	Description			
5		12/18/18 Original Submittal Package with 11x17 drawings				
2		2/12/19	Full Size Submittal drawings	-		
10	0 2/12/19 11×17 Size submittal drawings					
This is transmitted as checked below:						
x For	appro	oval	No Exception 1	No Exception Taken		Reviewed
For your use			Furnish as Corr	Furnish as Corrected		Rejected
For review & comment			nt Revise and Resi	Revise and Resubmit		Submit Specified Item
As requested			For immediate	For immediate action		Prints returned after loan to us
Remarks:						
As discussed, please find the above listed documents for sketch plan consideration at the February 12, 2019 meeting.						
Thank you.						
L						
Copy To: file Signed: Paul 7. Woodward, Seni						7. Woodward, Senior Designer



SOLAR ARRAY PLAN CORTLAND-VIRGIL ROAD SOLAR 301 SOUTH CORTLAND VIRGIL ROAD

TOWN OF CORTLANDVILLE

COUNTY OF CORTLAND

STATE OF NEW YORK

APPLICANT/DEVELOPER:

CORTLAND-VIRGIL ROAD SOLAR, LLC 55 5TH AVENUE, FLOOR 13 NEW YORK, NEW YORK 10003

INDEX OF DRAWINGS

SHEET TITLE

C010 EXISTING SITE CONDITIONS

C100 SITE PLAN

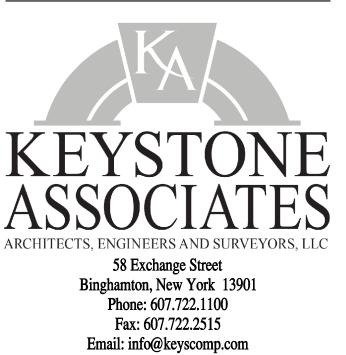
C110 EROSION AND SEDIMENT CONTROL PLAN

C200 FARM LAND SOILS AND DETAILS

C210 DETAILS



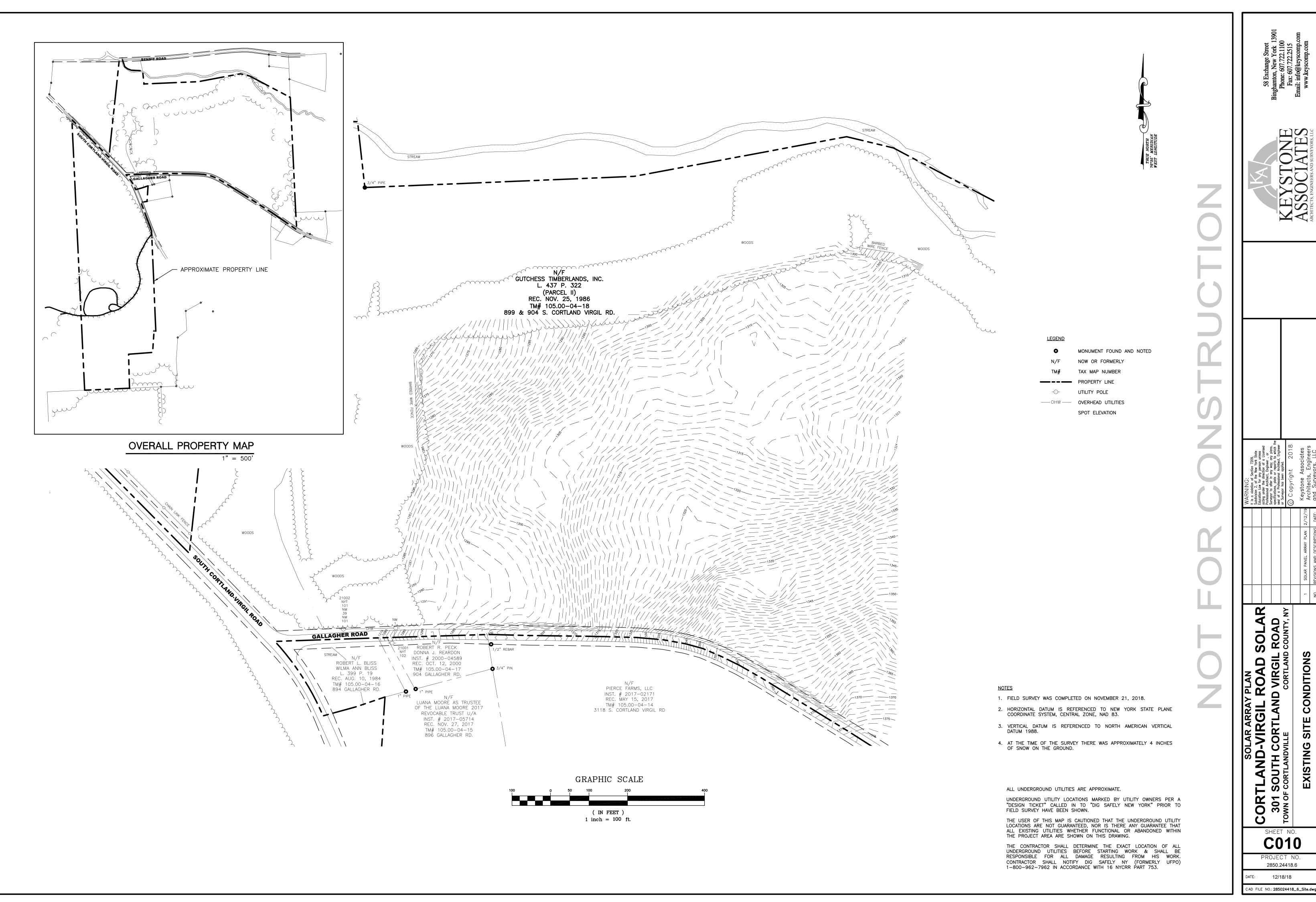
DRAWINGS PREPARED BY

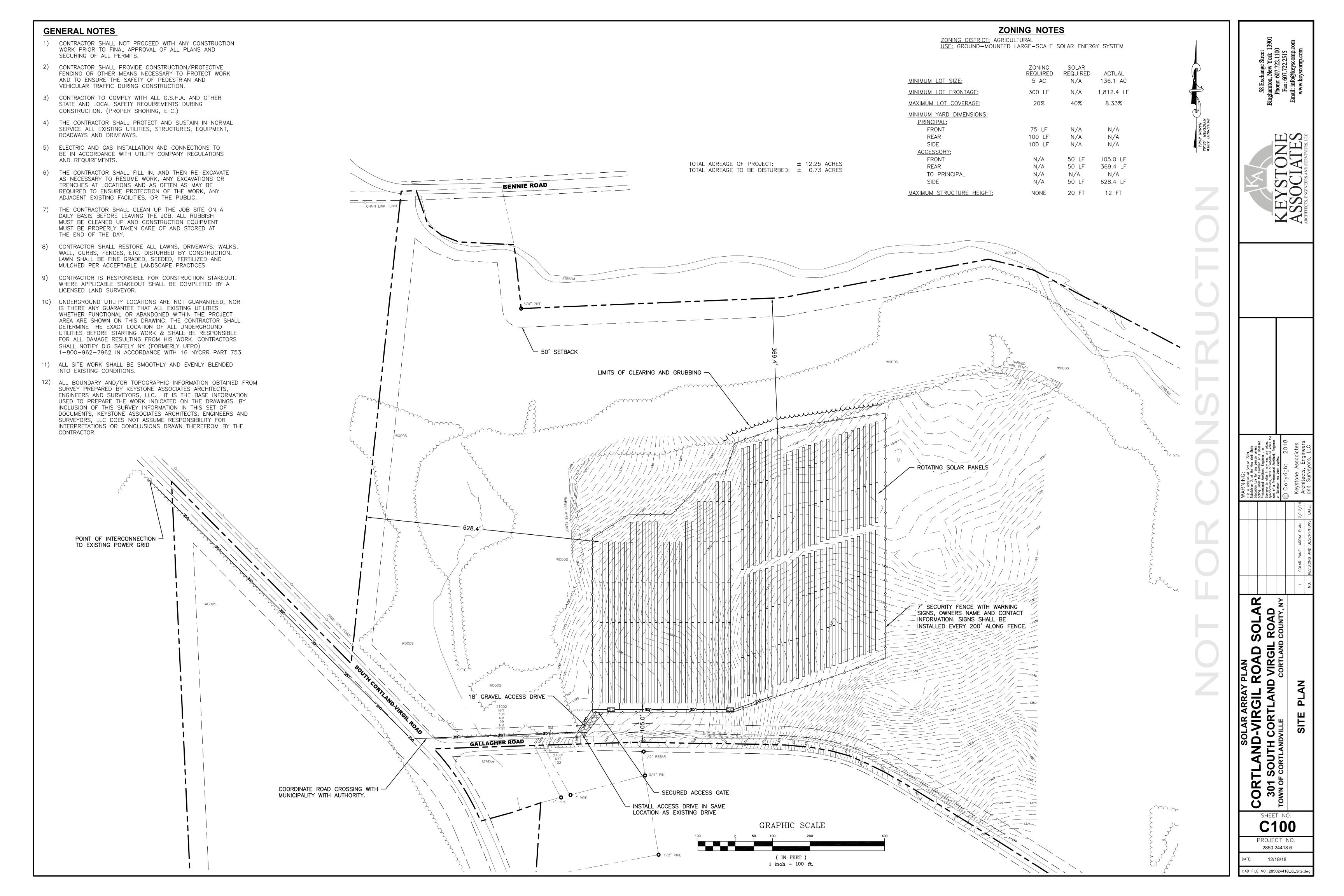


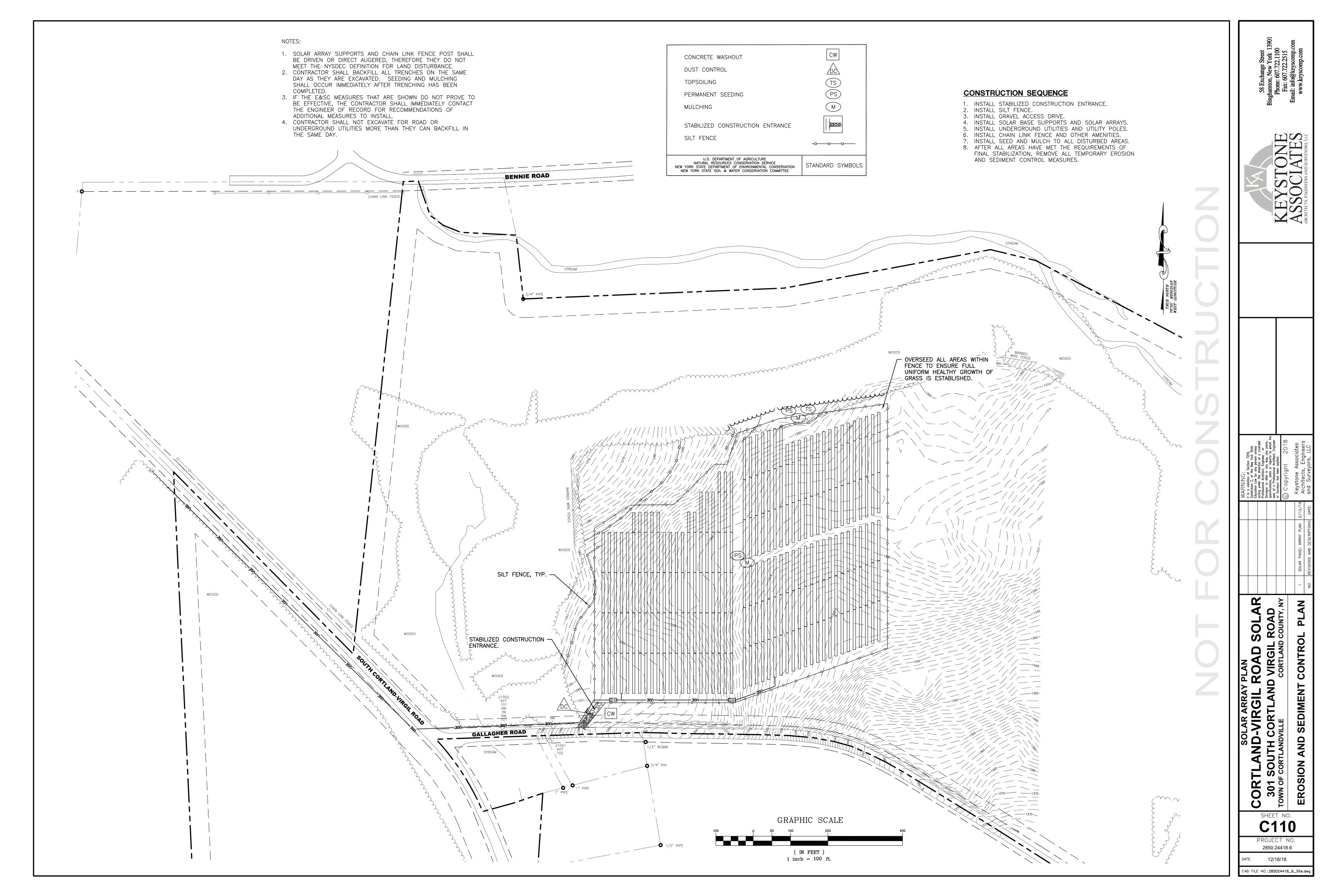
PROJECT NO. 2850.24418.6

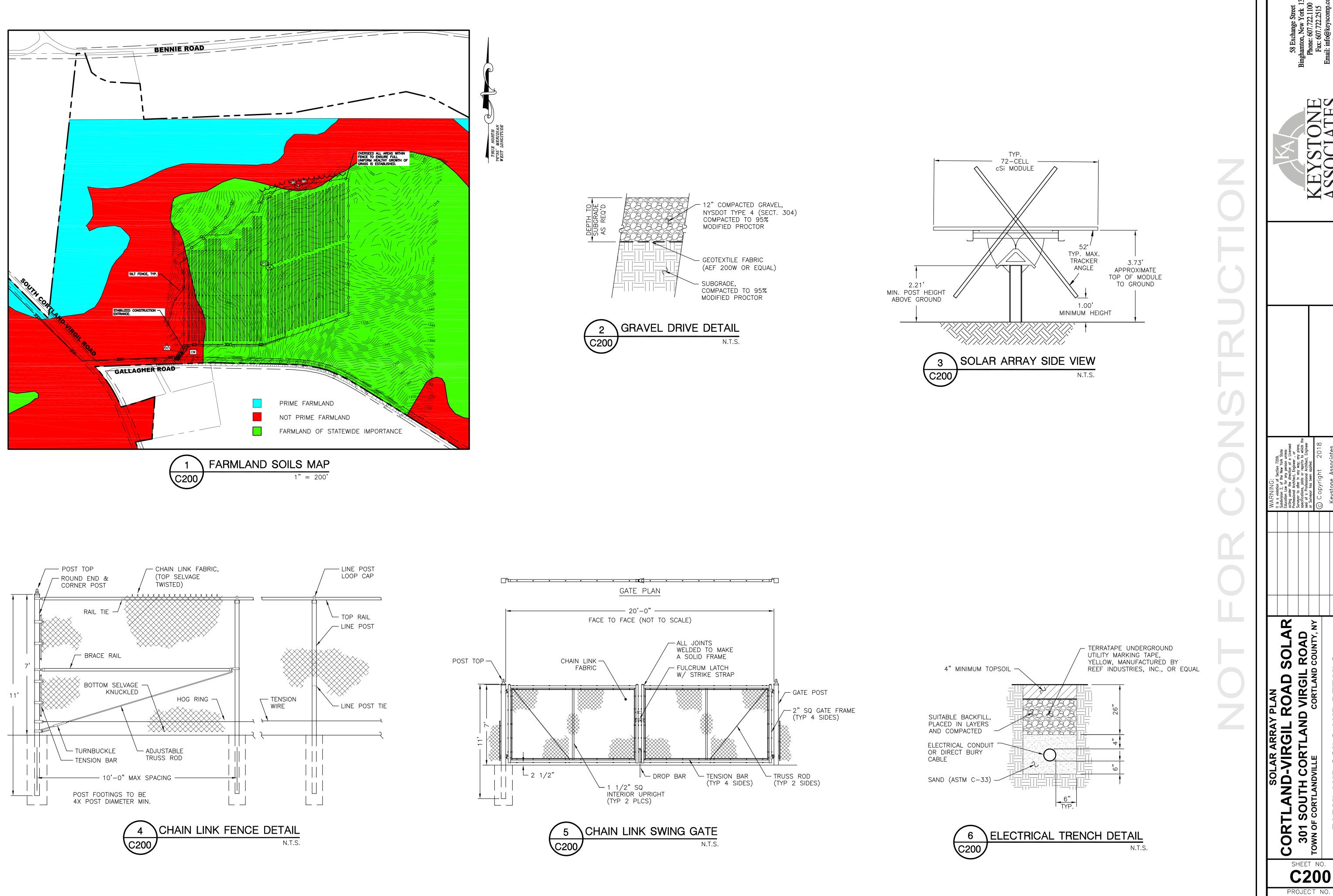
www.keyscomp.com

DECEMBER 18, 2018 REVISED: FEBRUARY 12, 2019 MARK W. PARKER, P.E. LIC. No. 093972
ALTERATIONS NOT CONFORMING TO SECTION 7209, SUBDIVISION 2,
NEW YORK STATE EDUCATION LAW ARE PROHIBITED BY LAW.









ROAD SOLAR
VIRGIL ROAD
CORTLAND COUNTY, NY AND DETAILS SOLAR ARRAY PLAN

CORTLAND-VIRGIL ROAE

301 SOUTH CORTLAND VIRG

TOWN OF CORTLANDVILLE SOILS **FARMLAND**

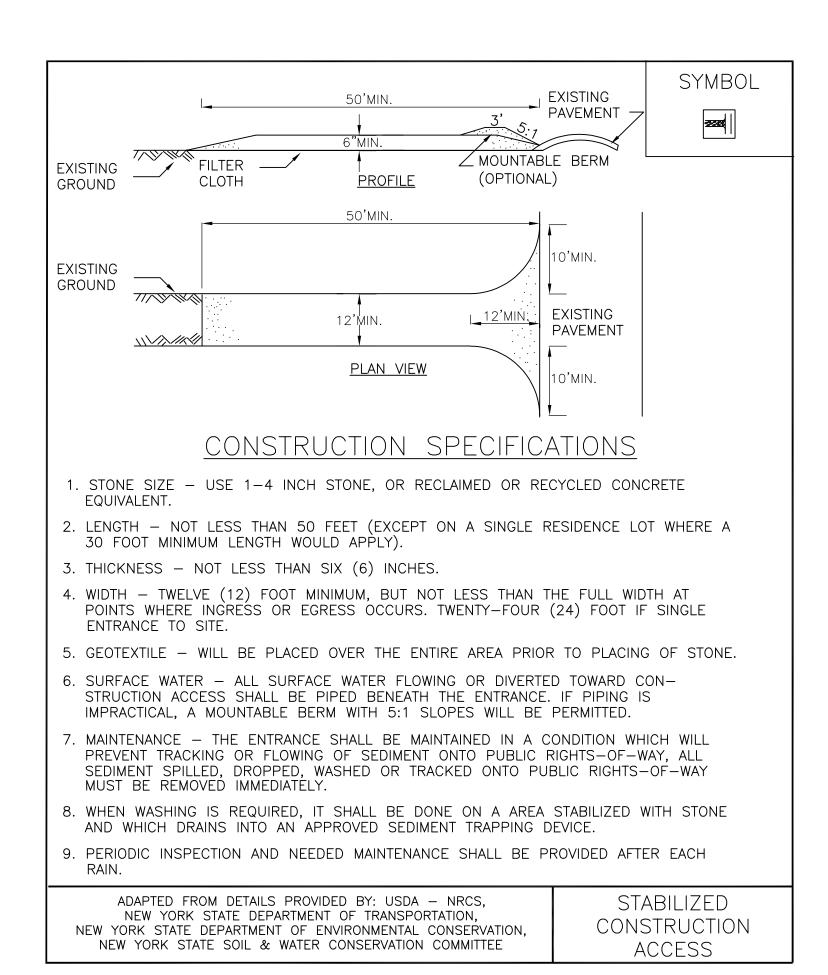
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C200

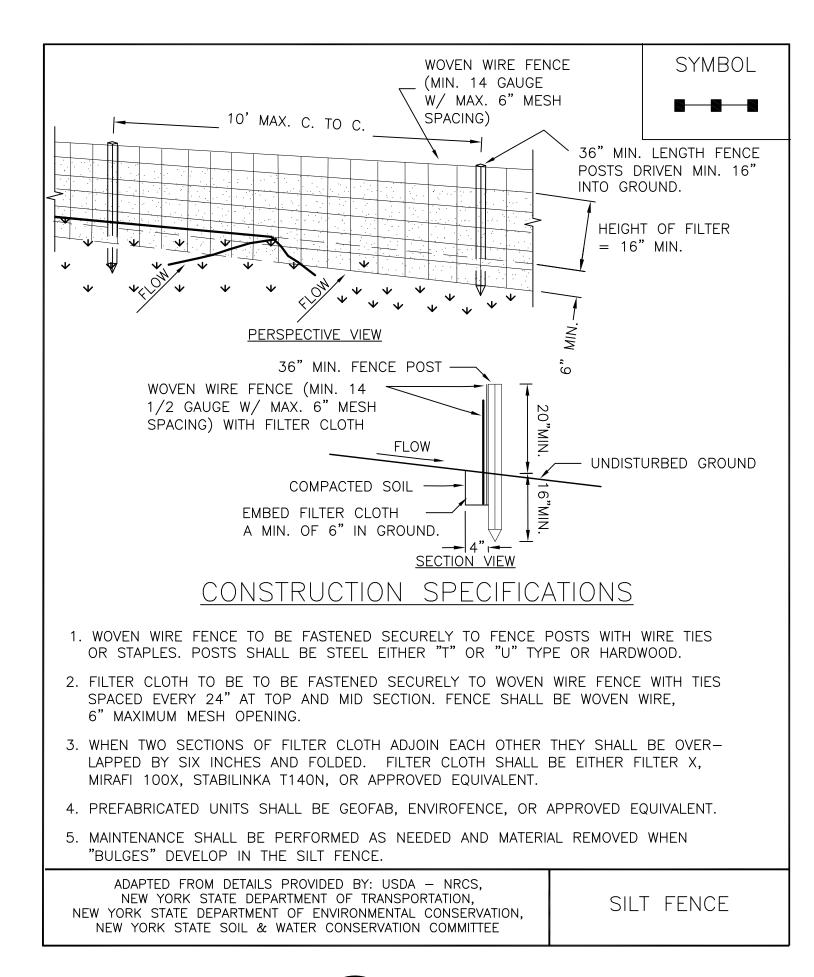
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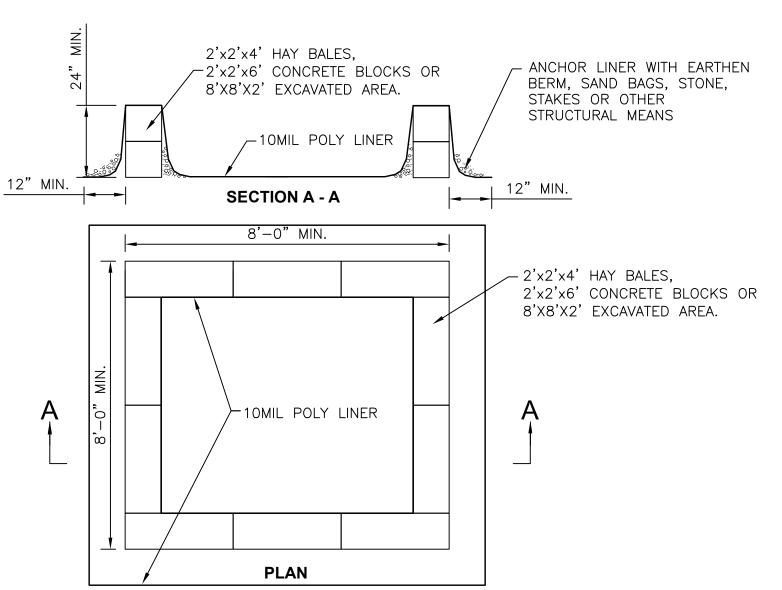
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NOTES:

- 1. ACTUAL ABOVE GROUND OR EXCAVATED LAYOUT DETERMINED IN FIELD.
- 2. LOCATE THE FACILITY A MINIMUM OF 100' FROM DRAINAGE SWALES, STORM DRAIN INLETS, WETLANDS, STREAMS AND OTHER SURFACE WATERS. WASH WATER SHALL NOT BE ALLOWED TO INFILTRATE INTO SOIL OR ENTER SURFACE WATERS. EXCESS RAINWATER SHALL BE PUMPED TO A STABILIZED AREA SUCH AS A GRASSED FILTER STRIP.
- 3. EXCAVATED WASHOUT STRUCTURES SHALL BE A MINIMUM OF 2' DEEP WITH SIDE SLOPES OF 2:1.
- 4. PROVIDE APPROPRIATE ACCESS TO THE STRUCTURE.
- 5. SIGNS SHALL BE INSTALLED TO DIRECT DRIVERS TO THE CONCRETE WASHOUT LOCATION.
- 6. ALL WASHOUT FACILITIES WILL BE LINED. THE LINER SHALL BE PLASTIC SHEETING WITH A MINIMUM THICKNESS OF 10 MILS WITH NO HOLES OR TEARS. LINER SHALL BE REPLACED WITH EACH CLEANING OF STRUCTURE.
- 7. ALL CONCRETE WASHOUT FACILITIES SHALL BE INSPECTED DAILY. DAMAGED OR LEAKING STRUCTURES SHALL BE DEACTIVATED AND REPAIRED OR REPLACED IMMEDIATELY.
- 8. ACCUMULATED HARDENED MATERIAL SHALL BE REMOVED WHEN 75% OF STORAGE CAPACITY OF THE STRUCTURE IS FILLED. THE MATERIAL SHALL BE DISPOSED OF IN A LEGAL MANNER.
- 9. INSPECT THE PROJECT SITE FREQUENTLY TO ENSURE THAT NO CONCRETE DISCHARGES ARE TAKING PLACE IN NON-DESIGNATED AREAS.



EROSION CONTROL NOTES:

- 1. THE SOIL EROSION AND WATER POLLUTION CONTROL DEVICES AS SHOWN ON THE DRAWINGS ARE MINIMUM REQUIREMENTS. THE OWNER'S REPRESENTATIVE MAY REQUIRE ADDITIONAL MEASURES (OR DELETION OF MEASURES) DURING CONSTRUCTION.
- 2. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT CONTAMINATION OF WATER BY SILT, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, EPOXY COATINGS, CONCRETE LEACHATE, OR ANY OTHER POLLUTANT ASSOCIATED WITH CONSTRUCTION AND CONSTRUCTION PROCEDURES.
- 3. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO THE WATERS OF NEW YORK STATE, NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS, OR OTHER DEVICES BE ALLOWED TO ENTER ANY WETLAND
- 4. THE SEQUENCE OF OPERATIONS SHOULD ALLOW FOR REGRADING AS CLOSE AS POSSIBLE TO FINAL GRADE. EVERY EFFORT SHALL BE MADE TO PROVIDE ESTABLISHMENT OF FINAL TURF IMMEDIATELY AFTER FINAL GRADING SO AS NOT TO LEAVE DISTURBED AREAS EXPOSED TO RAIN OR DRY/WINDY CONDITIONS.
- 5. IF CONSTRUCTION ACTIVITIES ARE DISCONTINUED IN AREAS OF SOIL DISTURBANCE FOR A PERIOD OF 14 DAYS OR MORE, THE AREA SHALL ALSO BE SEEDED AND MULCHED AS DIRECTED BY ENGINEER WITH A TEMPORARY COVER USING A QUICK GROWING SPECIES (RYEGRASS, ITALIAN RYEGRASS, OR CEREAL GRASSES) SUITABLE FOR THE AREA.
- 6. TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL DEVICES SHALL BE CLEANED BI-WEEKLY AS A MINIMUM, AFTER ANY STORM AND AS DIRECTED BY ENGINEER. INSPECTION OF ALL DEVICES SHALL BE MADE DAILY AND DEFICIENCIES CORRECTED THAT
- 7. ALL CONTROLS SHALL BE PLACED PRIOR TO STARTING EARTHWORK OPERATIONS AND SHALL REMAIN IN PLACE UNTIL THE NEW SLOPES ARE STABILIZED WITH HEALTHY STAND OF GRASS. CONTRACTOR MUST RECEIVE WRITTEN DIRECTION FROM ENGINEER PRIOR TO
- CONTRACTOR SHALL MAINTAIN A DUMPSTER ON-SITE FOR THE DISPOSAL OF CONSTRUCTION DEBRIS AND THIS DUMPSTER SHALL BE SERVICED AS NEEDED TO PREVENT ANY WASTE CONSTRUCTION MATERIALS FROM CLUTTERING THE JOB SITE.
- 9. CONTRACTOR SHALL COMPLY WITH NYSDEC, GP-0-15-002, SPDES, GENERAL PERMIT REQUIREMENTS IF APPLICABLE.
- 10. PRIOR TO CONSTRUCTION EQUIPMENT ENTERING OR EXITING THE SITE, A CONSTRUCTION ENTRANCE SHALL BE BUILT UNLESS EXISTING CONDITIONS PREVENT ANY TRACKING OF DIRT, MUD, OR DEBRIS OFF THE SITE. THE CONTRACTOR WILL BE RESPONSIBLE TO KEEP ALL ROADS CLEAN. THIS WILL INCLUDE BUILDING THE CONSTRUCTION ENTRANCE SWEEPING, SCRAPING AND WASHING THE PAVEMENT SURFACES WHENEVER NEEDED. THE CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS. THE ENTRANCE SHOULD BE LOCATED SO THAT ALL VEHICLES LEAVING THE SITE WILL UTILIZE
- 11. ALL EROSION CONTROL DEVICES SHALL BE PLACED AS SHOWN ON THE DRAWINGS AND IN ACCORDANCE WITH FEDERAL, STATE, LOCAL AND MANUFACTURES RECOMMENDATIONS. THE CONTRACTOR SHALL PLACE AND MAINTAIN ALL EROSION CONTROL DEVICES AS NEEDED THROUGHOUT THE PROJECT.
- 12. TEMPORARY SEEDING SHALL CONSIST OF LIME @ 1/2 TON PER ACRE, FERTILIZER 5-10-10 @ 600 POUNDS PER ACRE, RYEGRASS (ANNUAL OR PERENNIAL) @ 40 POUNDS PER ACRE AND STRAW MULCH @ 2 TON PER ACRE. JUTE MESH SHALL BE PLACED OVER MULCH AND STAKED WHENEVER WINDS OR SLOPE WILL CAUSE THE MULCH AND SEED TO BECOME DEPLETED OR ERODED. AREAS SHALL BE TEMPORARY SEEDED WHEN THEY ARE SUBJECT TO EROSION AND WILL LIE DORMANT FOR A MONTH OR MORE

<u>SEEDING</u>

- 1. SEED, MULCH AND FERTILIZE AS NECESSARY TO RESTORE ALL DISTURBED AREAS TO ORIGINAL CONDITION OR BETTER.
- 2. WHEN PLACING BY HYDROSEEDING APPLICATION SEED SHALL BE PLACED AT 80 POUNDS PER ACRE, HYDROMULCH AT 1,200 POUNDS PER ACRE, WATER AT 500 GALLONS PER ACRE AND FERTILIZER AT A MINIMUM OF 220 POUNDS PER ACRE.
- 3. IF PLACING BY MECHANICAL MEANS FERTILIZER SHALL BE PLACED AT 25 POUNDS PER 1,000 SQUARE FEET, SEED AT 5 POUNDS PER 1,000 SQUARE FEET AND STRAW MULCH AT 2 TONS PER ACRE. PLACE FERTILIZER AND SEED THEN LIGHTLY RAKE AND THEN ROLL WITH 200 POUND ROLLER. MULCH THE AREA THEN WATER. STRAW MAY NEED TO BE SECURE TO PREVENT IT BLOWING AWAY.

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