



GRADING PLAN
SCALE: 1"=20'



LEGEND:

	EXISTING BUILDING		PROPOSED CHAINLINK FENCE
	EXISTING CHAINLINK FENCE		PROPOSED CONTOUR
	EXISTING CONTOUR		PROPOSED DRAINAGE FLOW
	EXISTING GRAVEL SURFACE		PROPOSED EROSION CONTROL BLANKET
	EXISTING LEDGE		PROPOSED GRAVEL SURFACE
	EXISTING OVERHEAD UTILITIES		PROPOSED SILT FENCE
	EXISTING PROPERTY LINE		PROPOSED SPOT ELEVATION
	EXISTING SPOT ELEVATION		PROPOSED SUBSTATION YARD SURFACE
	EXISTING UTILITY POLE		PROPOSED TREE CLEARING LIMIT
	EXISTING TREE LINE		PROPOSED TREE LINE
	LIMIT OF DISTURBANCE		PROPOSED UNDER DRAIN LINE
	POINT OF CONNECTION TO EXISTING		
	PROPOSED BUILDING		

GENERAL SITE GRADING NOTES:

- ALL AREAS THAT ARE EXCAVATED, FILLED, OR OTHERWISE ALTERED SHALL BE LOADED, EXISTING FERTILIZED, SEEDED AND MULCHED, UNLESS OTHERWISE NOTED. THE TOP 4 INCHES OF SOIL SHALL BE TOPSOIL.
- ALL ELEVATIONS REFER TO NAVD 88. THE CONTRACTOR SHALL VERIFY WITH A TEMPORARY BENCHMARK PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL CONTROL DUST ON THE CONSTRUCTION SITE TO A REASONABLE LIMIT, TO THE SATISFACTION OF THE TOWN AND ENGINEER.
- CONTRACTOR SHALL NOT TRACK OR SPILL EARTH, DEBRIS, OR OTHER CONSTRUCTION MATERIAL ON PUBLIC OR PRIVATE STREETS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE ASSOCIATED CLEAN UP.
- CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DEBRIS AND EXCESS EXCAVATED MATERIAL NOT TO BE RE-USED FROM WITHIN THE CONSTRUCTION LIMIT OF WORK, TO A SUITABLE OFF-SITE LOCATION PROVIDED BY STATE AND LOCAL REGULATIONS.

GENERAL SITE LAYOUT NOTES:

- THE OWNER SHALL PROVIDE SURVEYING BENCHMARK LOCATION AND ELEVATION THAT CORRESPONDS TO THE DESIGN ELEVATIONS AND EXISTING SITE ELEVATIONS. CONTRACTOR SHALL UTILIZE BENCHMARK ELEVATIONS FOR LAYOUT OF THE WORK.
- THE LIMITS OF ON-SITE WORK SHALL BE AS SHOWN ON DRAWINGS. THE LOCATION OF ON-SITE STORAGE AREAS SHALL BE REVEALED/COORDINATED WITH, AND ACCEPTABLE TO THE OWNER AND ENGINEER. THE CONTRACTOR SHALL LIMIT HIS ACTIVITIES TO THESE AREAS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RE-ESTABLISHING AND RESETTling ALL EXISTING PROPERTY MONUMENTATION DISTURBED BY HIS OPERATIONS. THIS WORK SHALL BE DONE BY A LAND SURVEYOR LICENSED IN THE STATE OF VERMONT, AT NO ADDITIONAL COST TO THE OWNER.
- WRITTEN DIMENSIONS SHALL PREVAIL. DO NOT SCALE DISTANCES FROM THE DRAWINGS. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.

WORK NOTES:

- REMOVE 18" OF EXISTING YARD SURFACE. REPLACE WITH 12" OF CRUSHED GRAVEL AND 6" THICK STONE TOPPING.
- REMOVE AND DISPOSE OF EXISTING 10'-9"x10'-9" PREFABRICATED METAL RELAY BUILDING AND 10'-9"x10'-9"x1'-0" THICK REINFORCED CONCRETE FOUNDATION SLAB. CUT CONDUITS AND ABANDON IN PLACE 2'-0" BELOW FINISH GRADE.
- REMOVE AND DISPOSE OF EXISTING 11'-9"x12'-0" PREFABRICATED METAL BATTERY BUILDING AND 11'-9"x12'-0"x1'-0" THICK REINFORCED CONCRETE FOUNDATION SLAB. CUT CONDUITS AND ABANDON IN PLACE 2'-0" BELOW FINISH GRADE.
- REMOVE AND DISPOSE AS INDICATED EXISTING 10'-10"x12'-0" PRECASTED METAL FIBER OPTIC BUILDING. REMOVE AND DISPOSE OF CONCRETE FOUNDATION SLAB. CUT CONDUITS AND ABANDON IN PLACE 2'-0" BELOW FINISH GRADE.
- REMOVE APPROXIMATELY 166' OF EXISTING 6'-0" CHAIN LINK FENCE.
- PROVIDE NEW 14'-6" x 44'-0" CONTROL HOUSE. REFER TO DRAWING 209XXXXD.
- PROVIDE UNDERDRAIN PING SYSTEM. REFER TO DRAWING 2096104D.
- PROVIDE CHAIN LINK FENCE. REFER TO DRAWING 2096104D.
- PROVIDE 16'-0" VEHICLE GATE. REFER TO DRAWING 209XXXXD.
- PROVIDE 4'-0" PERSONNEL GATE. REFER TO DRAWING 209XXXXD.
- PROVIDE SUBSTATION EXTERIOR LIGHTING. REFER TO DRAWING 209XXXXD.

PRELIMINARY
NOT FOR CONSTRUCTION

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VERMONT ELECTRIC POWER CO., INC.
RUTLAND, VERMONT
MIDDLESEX SUBSTATION

119AV/24.5AV SUBSTATION
MORSETOWN, VERMONT

SCALE: 1"=20'
DATE: 6/15/06
DRAWING NUMBER: 209-6101D

PROJECT NO.: 110279
CONTRACT NO.: XXXXXX
FILE NAME: 2096101D

REV	DATE	BY	DESCRIPTION
C	7/27/06	PSK	ISSUED FOR PERMIT
B	7/26/06	END	ISSUED FOR PERMIT
A	6/15/06	PSK	ISSUED FOR CLIENT REVIEW

DATE: 6/15/06
CHECKED BY: PSK
APPROVED BY: C

FILE: 2096101D.DWG