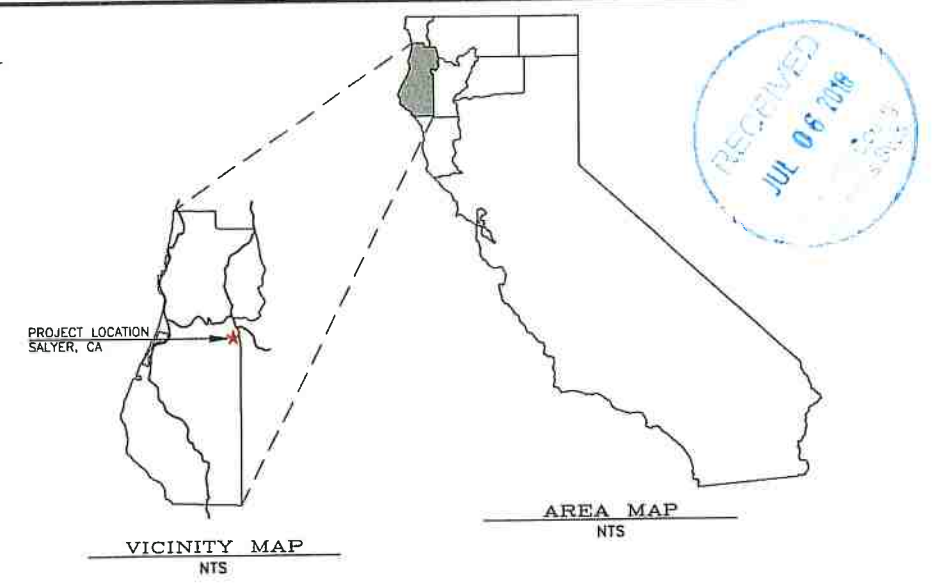
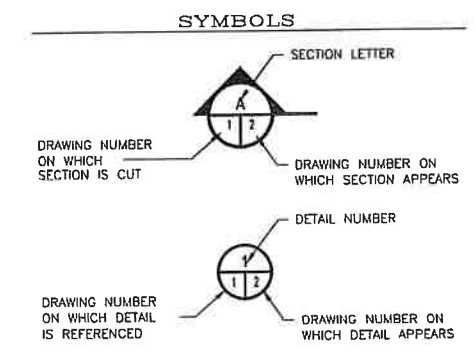


GRADING & EROSION CONTROL PLAN

FOR
BRIAN RADOO AND BOBBY MOHAMED
 USFS 6N06 ROAD
 WILLOW CREEK CALIFORNIA
 APN: 524-112-002



DRIVEWAY AND GATES:



DRAWING #	TITLE	REVISION	DATE
T01	TITLE SHEET	0	11/01/17
C01	PLOT PLAN	0	11/01/17
C02	OVERALL GRADING & DRAINAGE PLAN	0	11/01/17
C03.1	GRADING & DRAINAGE PLAN SITE 1	0	11/01/17
C03.2	GRADING & DRAINAGE PLAN SITE 2	0	11/01/17
C03.3	GRADING & DRAINAGE PLAN SITE 3	0	11/01/17
C04.1	SITE 2 SECTIONS	0	11/01/17
C05.1	EROSION CONTROL PLAN & DETAILS SITE 1	0	11/01/17
C05.2	EROSION CONTROL PLAN & DETAILS SITE 2	0	11/01/17
C05.3	EROSION CONTROL PLAN & DETAILS SITE 3	0	11/01/17

ENGINEERING NOTES

ALL REQUIREMENTS FROM THE SOILS REPORT HAVE BEEN INCORPORATED INTO THESE PLANS.

THE ENGINEER OF RECORD SHALL INSPECT ALL SITE GRADING.

SURVEY NOTES

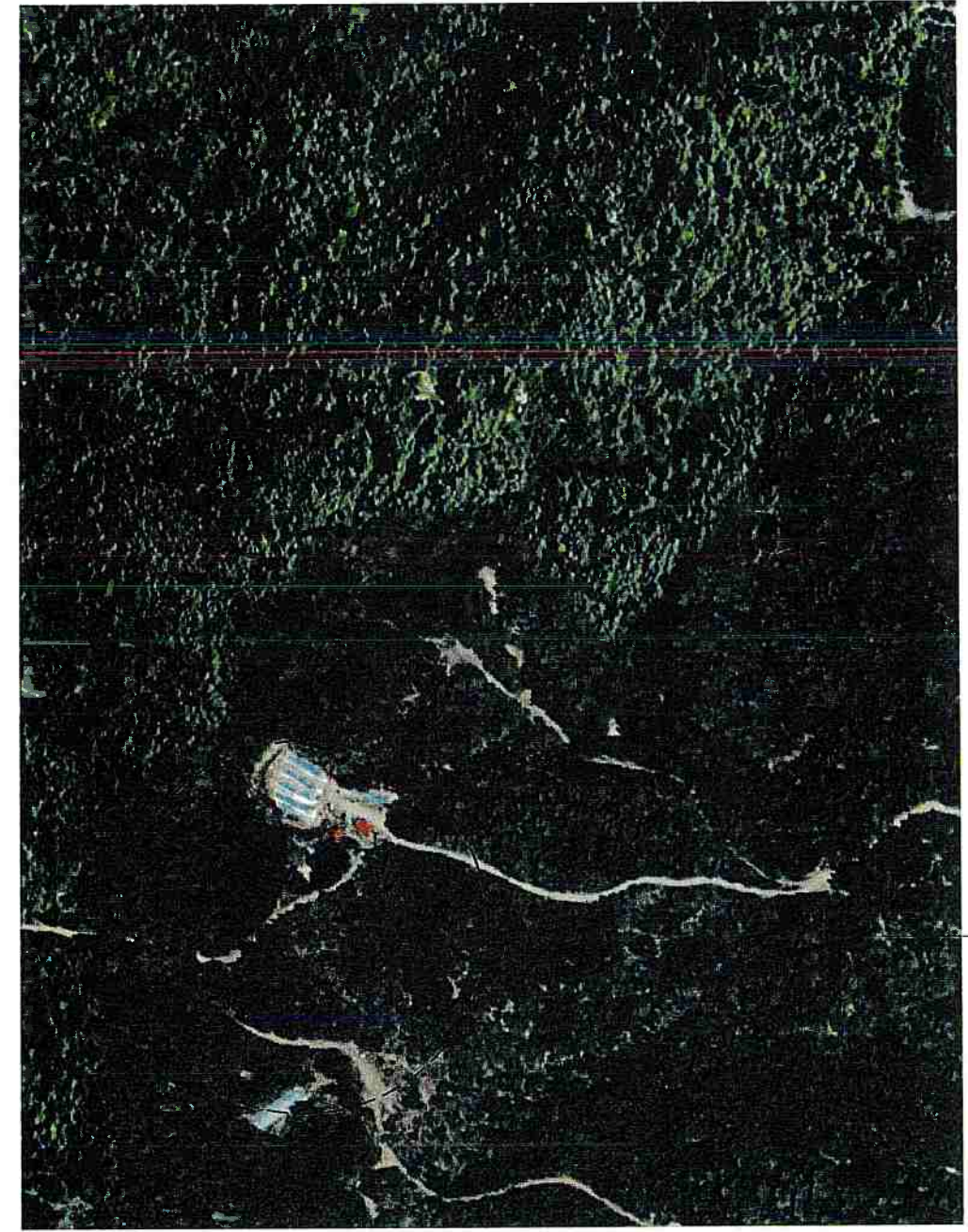
FIELD SURVEY FOR TOPOGRAPHIC PURPOSES WAS PERFORMED BY TVCE ON JULY 14, 2017

A BOUNDARY SURVEY WAS NOT CONDUCTED BY TVCE.

CONTRACTOR ALERT!

CONTRACTOR MUST CONTACT USA DIG AT 800-227-2600 AT LEAST 72 HOURS BEFORE ANY EARTHWORK OR ACTIVITIES THAT MAY IMPACT EXISTING UNDERGROUND UTILITIES.

EXISTING UTILITY ALIGNMENTS BOTH HORIZONTALLY AND VERTICALLY MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION ACTIVITIES.



LOCATION MAP
NTS

PROPOSED	EXISTING
(Cable symbol)	(Cable symbol)
(Power symbol)	(Power symbol)
(Telephone symbol)	(Telephone symbol)
(Telephone UG symbol)	(Telephone UG symbol)
(Power UG symbol)	(Power UG symbol)
(Gas symbol)	(Gas symbol)
(Anchor/Guy Wire symbol)	(Anchor/Guy Wire symbol)
(Sewer Manhole symbol)	(Sewer Manhole symbol)
(Sewer Line symbol)	(Sewer Line symbol)
(Flushing Branch/Cleanout symbol)	(Flushing Branch/Cleanout symbol)
(Sewer Service symbol)	(Sewer Service symbol)
(Storm Drain Manhole symbol)	(Storm Drain Manhole symbol)
(Storm Drain Pipe symbol)	(Storm Drain Pipe symbol)
(Storm Drain Inlet symbol)	(Storm Drain Inlet symbol)
(Water Line symbol)	(Water Line symbol)
(Water Valve symbol)	(Water Valve symbol)
(Reducer symbol)	(Reducer symbol)
(Blow Off Assembly symbol)	(Blow Off Assembly symbol)
(Air Relief Valve symbol)	(Air Relief Valve symbol)
(Fire Hydrant Assembly symbol)	(Fire Hydrant Assembly symbol)
(R.P. Backflow Preventer symbol)	(R.P. Backflow Preventer symbol)
(Drive Way symbol)	(Drive Way symbol)
(Sidewalk Ramp symbol)	(Sidewalk Ramp symbol)
(Barricade symbol)	(Barricade symbol)
(Survey Monument symbol)	(Survey Monument symbol)
(Centerline symbol)	(Centerline symbol)
(Right of Way Line symbol)	(Right of Way Line symbol)
(Property Line symbol)	(Property Line symbol)
(Easement Line symbol)	(Easement Line symbol)
(Edge of Pavement symbol)	(Edge of Pavement symbol)
(Ridge Line symbol)	(Ridge Line symbol)
(Fence Line symbol)	(Fence Line symbol)
(Contour Line symbol)	(Contour Line symbol)
(Sidewalk symbol)	(Sidewalk symbol)
(Street Light symbol)	(Street Light symbol)
(Street Name Sign symbol)	(Street Name Sign symbol)

ABBREVIATIONS	
AC	= ASPHALTIC CONCRETE
AB	= AGGREGATE BASE
A.D.	= ALGEBRAIC DIFFERENCE
BC, PC	= BEGIN CURVE
CO	= CLEAN OUT
CL	= CENTER LINE
CMP	= CORRUGATED METAL PIPE
CPCT.	= COMPACT
D	= DELTA
DET	= DETAIL
DRN	= DRAIN
<A>	= EXISTING
EC	= END CURVE
EG	= EXISTING GROUND
EP	= EDGE OF PAVEMENT
FF	= FINISH FLOOR
FG	= FINISH GRADE
FH	= FIRE HYDRANT
FL	= FLOW LINE
GA	= GUY ANCHOR
GV	= GATE VALVE
HC	= HANDICAPPED
HDPPE	= HIGH DENSITY POLYETHYLENE PIPE
INV	= INVERT
(INT-X)	= INTERSECTION
K	= SIGHT DISTANCE
LAT	= LATERAL
LD.	= LOCAL DEPRESSION
LF.	= LINEAR FEET
LF.	= SEWER LEACH FIELD
LT.	= LEFT
MAS.	= MASONRY
MI	= MILES
MSE	= MECHANICALLY STABILIZED EARTH
(N)	= NEW
NTS	= NOT TO SCALE
O.C.	= ON CENTER
PG&E	= PACIFIC GAS & ELECTRIC
(P)	= PROPOSED
PP	= POWER POLE
PRC	= POINT OF REVERSE CURVE
PT	= POINT
PVI	= POINT OF VERTICAL INTERSECTION
PVT	= PRIVATE
RT	= RIGHT
RTN	= RETURN
SB	= SET BACK
SDMH	= STORM DRAIN MAN HOLE
SHT	= SHEET
SD	= STORM DRAIN
STA	= STATION
STD.	= STANDARD
TC	= TOP OF CURB
TBC	= TOP BACK OF CURB
TFC	= TOP FACE OF CURB
TOB	= TOP OF BANK
TEL	= TELEPHONE
TP	= TOP OF PAVEMENT
TVCE	= TRINITY VALLEY CONSULTING ENGINEERS
TW	= TOP OF WALL
(TYP)	= TYPICAL
UG	= UNDERGROUND
W	= WATER
WV	= WATER VALVE

TVCE
 67 WALNUT WAY
 PO BOX 1567
 VALLEY STREAM, NY 11581
 PHONE (516) 629-3000
 FAX (516) 629-3111

REV	DATE	DESCRIPTION	CHK BY	APP BY

TITLE SHEET

BRIAN RADOO AND BOBBY MOHAMED
 5 VALLEY LANE WEST
 VALLEY STREAM, NY 11581
 APN: 524-112-002
 PHONE: (516) 567-2375

DESIGNED BY: H. NAVARRO	CHECKED BY: JTM
DRAWN BY: J. McKNIGHT	APPROVED BY: TVCE

DATE OF ISSUE: JULY 2017




SCALE: AS SHOWN

PROJECT NO: 116B

DRAWING NO: T01

1" = 1/2" @ 0"

LEGEND:

-  EXISTING GREENHOUSE
-  EXISTING BUILDING
-  EXISTING TREE

GRADING NOTES:

1. ALL EARTHWORK, INCLUDING BUT NOT LIMITED TO, SITE CLEARING, GRUBBING, STRIPPING, AND GRADING WILL BE CONDUCTED DURING DRY WEATHER CONDITIONS. (TYPICALLY APRIL 15 TO OCTOBER 15)
2. STRIP AND REMOVE ALL TOPSOIL AND VEGETATION FROM THE PROJECT AREA, AND FOR A MINIMUM OF THREE FEET TO THE OUTSIDE OF THE WORKING AREA.
3. ANY UNDOCUMENTED FILL SOILS, FINE-GRAINED RESIDUAL SOILS, AND ANY OTHER DEBRIS ENCOUNTERED AT OR BELOW THE EXISTING GROUND SURFACE SHALL BE REMOVED AT THE LOCATIONS RECEIVING ANY POTENTIAL FILLS.
4. THE SITE SHOULD BE GRADED TO PROVIDE ADEQUATE DRAINAGE SUCH THAT NO WATER IS ALLOWED TO POND ANYWHERE ON THE SITE OR MIGRATE BENEATH PROPOSED DEVELOPMENTS.
5. ALL FILL MATERIAL SHALL BE PLACED IN HORIZONTAL LIFTS NOT TO EXCEED EIGHT INCHES (8") IN DEPTH AND SHALL BE COMPACTED MECHANICALLY.
6. ALL FILL MATERIAL SHALL BE FREE OF ORGANICS, ROCKS LARGER THAN 3", WOODY DEBRIS, ROOTS, AND INORGANIC MATERIAL.
7. ALL FILL MATERIAL SHALL HAVE A UNIFORM MOISTURE CONTENT AT OR NEAR OPTIMUM MOISTURE CONTENT AS DETERMINED BY TESTING AND APPROVED BY THE ENGINEER.
8. NON-STRUCTURAL FILL SHALL BE COMPACTED TO A FIRM UNYIELDING SURFACE AS APPROVED BY THE ENGINEER.
9. IT IS RECOMMENDED THAT ANY MATERIAL PROPOSED FOR STRUCTURAL FILL MATERIAL TO SUPPORT ANY FOUNDATIONS OR STRUCTURAL BUILDING ELEMENT AND ASSOCIATED UTILITIES BE COMPACTED AS OUTLINED IN THE SOILS REPORT.
10. ALL FINAL SLOPES SHALL BE TO A SMOOTH AND EVEN GRADE, SHALL BE SURFACE TRACKWALKED, AND FINAL GRADED NOT TO EXCEED 1.5:1 (h:v).
11. SUFFICIENT TESTING AND INSPECTION SHOULD BE PERFORMED TO MONITOR THE SUITABILITY OF FILL MATERIALS AND ASSURE COMPLIANCE WITH THE RECOMMENDED COMPACTION STANDARDS.
12. AGGREGATE BASE MATERIAL MAY BE USED FOR PAVEMENT SUBGRADE, PLACED BENEATH FOOTINGS OR FLOOR SLABS, OR USED AS TRENCH BACKFILL. THIS MATERIAL SHOULD MEET THE REQUIREMENTS IN THE CALTRANS STANDARD SPECIFICATIONS FOR 3/4" CLASS 2 AGGREGATE BASE.

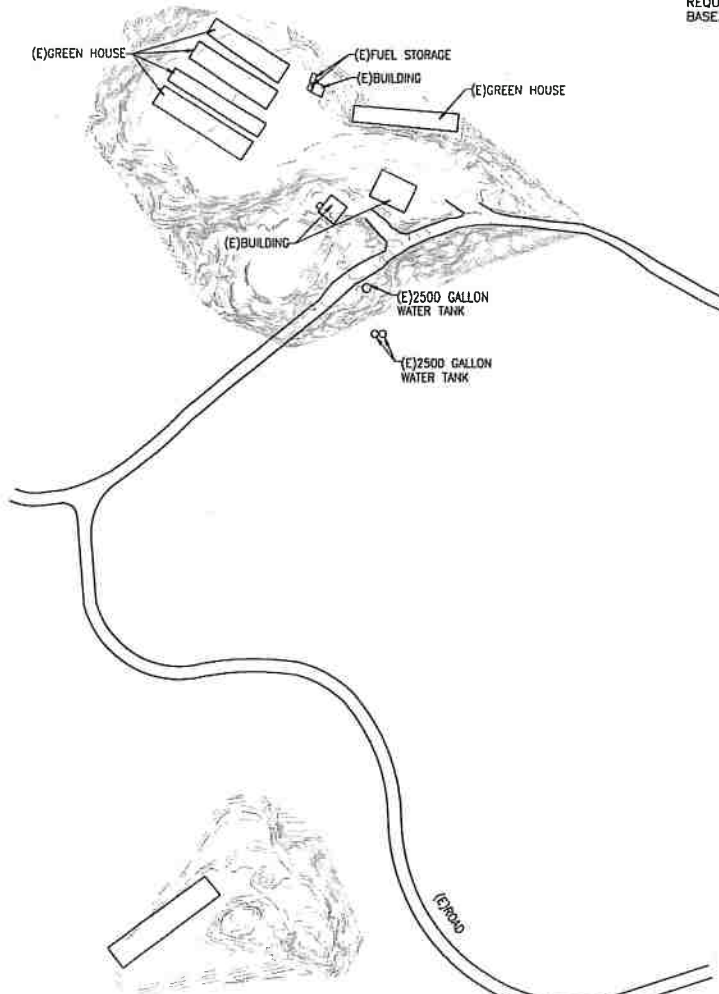
GRADING PLAN VIEW

1"=80'



12.31.18

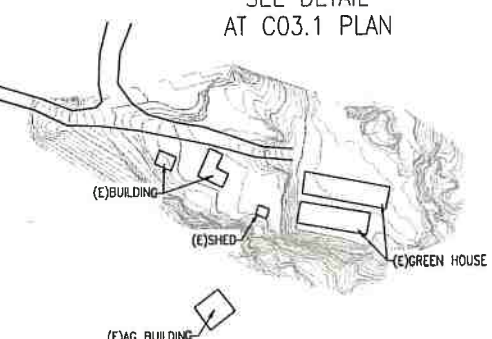
SITE 2
SEE DETAIL
AT C03.2 PLAN



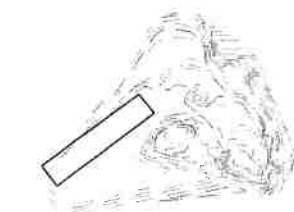
APN: 530-219-8861

NUMBER	PRE GRADING ACTIVITY		
	CUT	FILL	DISTURBANCE (ACRES)
SITE 1	2,468.0	2,468.0	1.25
SITE 2	5,356.0	5,356.0	2.03
SITE 3	1,162.0	1,162.0	0.67
TOTAL	8,986.0	8,986.0	3.95

SITE 1
SEE DETAIL
AT C03.1 PLAN



SITE 3
SEE DETAIL
AT C03.3 PLAN



CLEARING, GRUBBING, & DEMOLITION NOTES:

1. TREES SCHEDULED TO BE REMOVED SHALL BE REMOVED COMPLETELY INCLUDING STUMPS, ROOTS, BRANCHES, WOODY DEBRIS, BARK, AND FLESH. TREES SHALL BE REMOVED FROM THE SITE AND DEPOSITED IN LOCATIONS DESIGNATED BY THE OWNER.
2. VEGETATION AND WOODY DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A MANNER CONSISTENT WITH APPLICABLE LAWS AND REGULATIONS.
3. ALL GENERATED AND ACCUMULATED CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A MANNER CONSISTENT WITH APPLICABLE LAWS AND REGULATIONS.
4. FOUNDATION CONCRETE SCHEDULED FOR REMOVAL SHALL BE COMPLETELY REMOVED INCLUDING STEM WALL AND FOOTING.
5. ALL AREAS WITH GENERATED VOIDS FROM DEMOLITION ACTIVITIES SHALL BE BACKFILLED WITH NATIVE SOIL TO FINISH GRADE IN 1' MAXIMUM VERTICAL LIFTS SUFFICIENTLY COMPACTED TO ELIMINATE SUBSIDENCE.
6. DUST CONTROL SHALL BE MAINTAINED DURING DEMOLITION PRACTICES.
7. TRACKING OF MATERIAL FROM THE SITE ONTO EXISTING ROADWAYS WILL NOT BE TOLERATED. TEMPORARY CONSTRUCTION SITE ENTRANCES SHOULD BE BUILT AT POINTS OF INTERSECTION TO EXISTING ROADWAYS AND PRACTICES SHOULD BE IMPLEMENTED TO REMOVE CONSTRUCTION MATTER FROM VEHICLES AND EQUIPMENT PRIOR TO LEAVING THE CONSTRUCTION SITE.
8. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED FOR THE SITE AS SOON AS PRACTICAL AND SHALL BE IN PLACE PRIOR TO EXECUTION OF MAJOR DEMOLITION OPERATIONS.

12.31.18



REV	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	DATE

BRIAN RADOO AND BOBBY MOHAMED
5 VALLEY LANE WEST
VALLEY STREAM, NY 11581
APN: 524-112-002
PHONE: (516) 567-2375

OVERALL GRADING & DRAINAGE

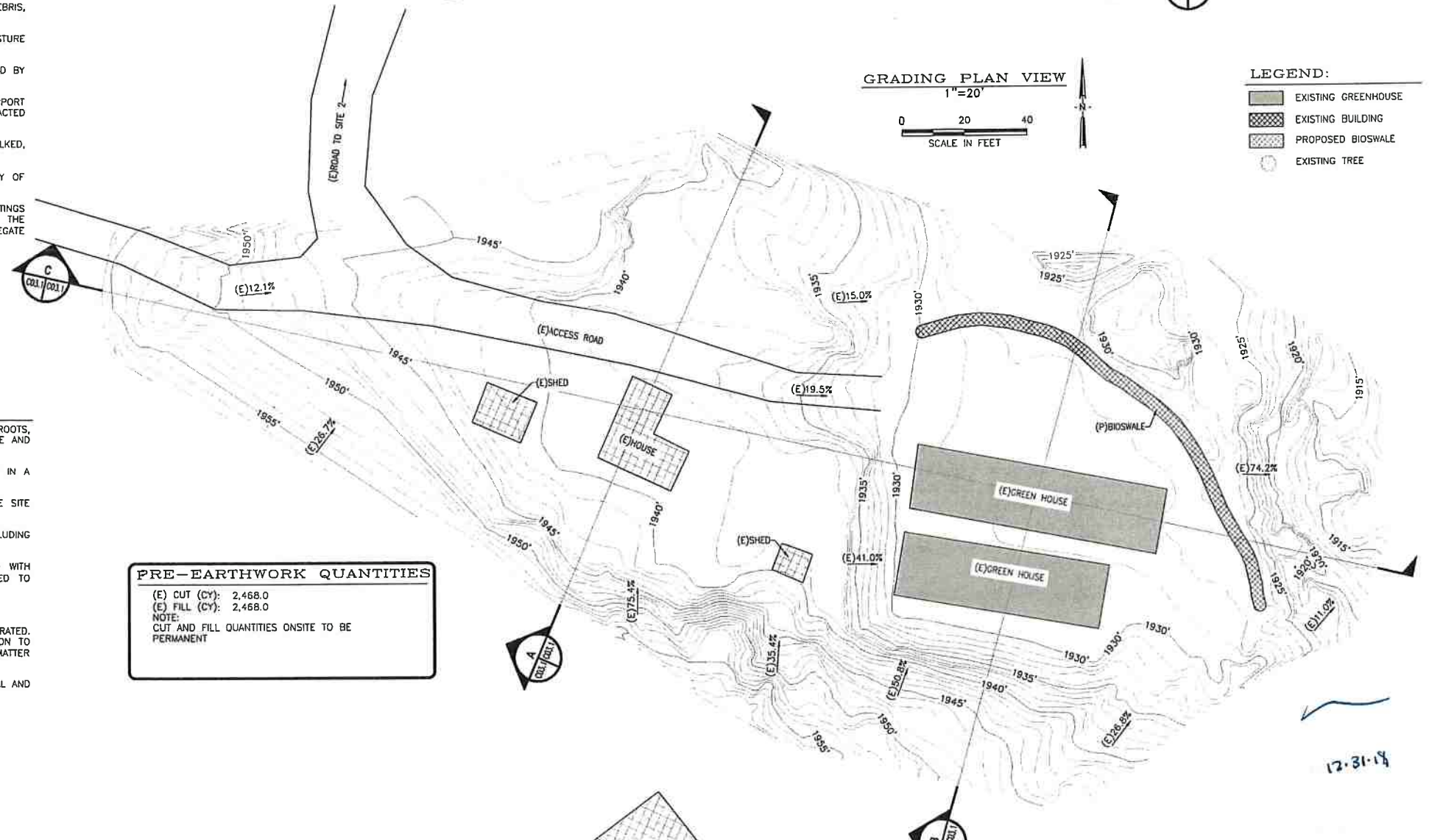
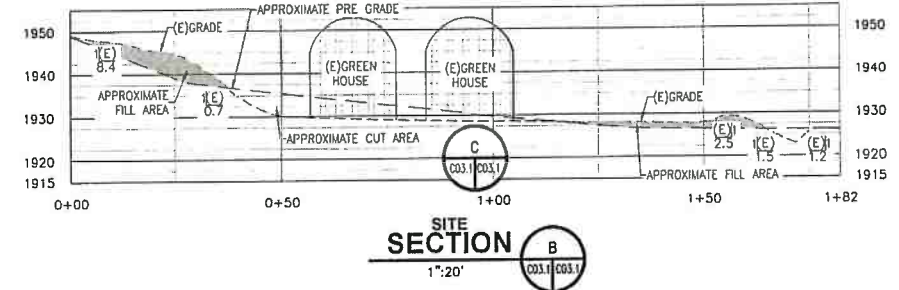
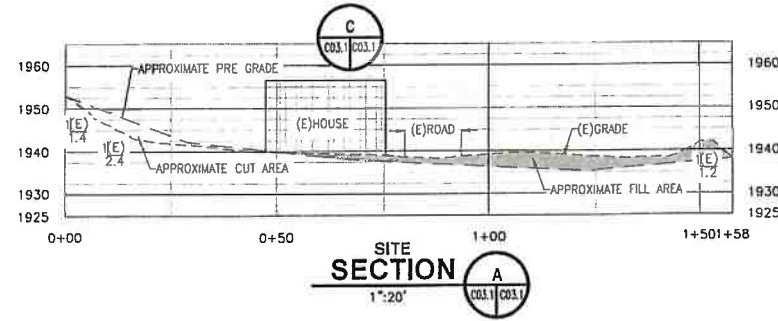
DRAWN BY: H. NAVARRO	DESIGNED BY: JTM	CHECKED BY: J. McKNIGHT	APPROVED BY: TVCE
DATE OF ISSUE: JULY 2017			
SCALE: AS SHOWN			
PROJECT NO: 1168			
DRAWING NO: C02			

GRADING NOTES:

1. ALL EARTHWORK, INCLUDING BUT NOT LIMITED TO, SITE CLEARING, GRUBBING, STRIPPING, AND GRADING WILL BE CONDUCTED DURING DRY WEATHER CONDITIONS. (TYPICALLY APRIL 15 TO OCTOBER 15)
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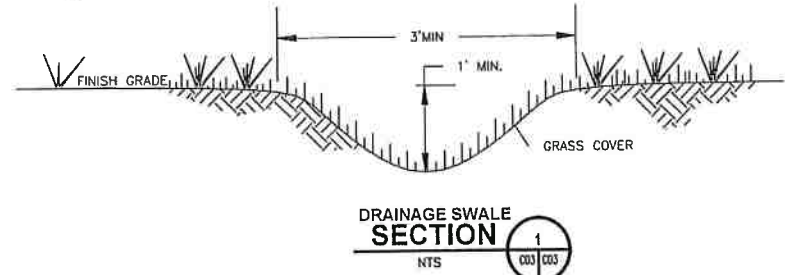
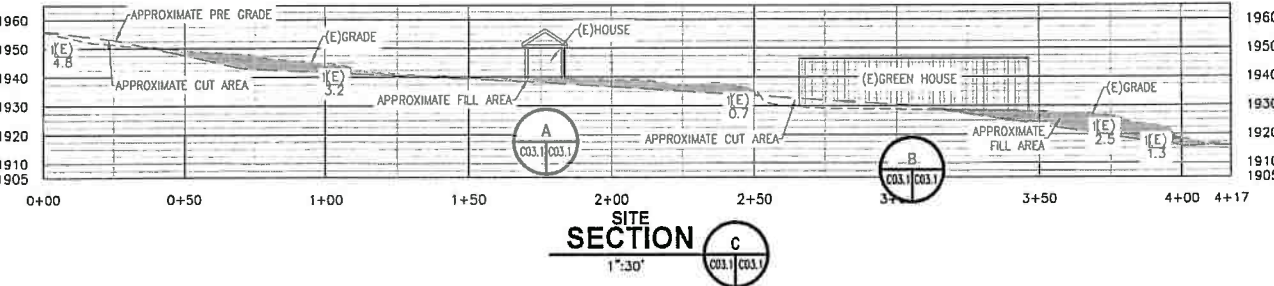
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PRE-EARTHWORK QUANTITIES

(E) CUT (CY): 2,468.0
 (E) FILL (CY): 2,468.0
 NOTE:
 CUT AND FILL QUANTITIES ONSITE TO BE PERMANENT



TVCE
 67 WALNUT WAY
 SUITE 200
 RENO, NV 89502
 PHONE (775) 829-3000
 FAX (775) 829-3011



REV	DATE	DESCRIPTION	DES BY	CHECK BY	APP BY

BRIAN RABCO AND BOBBY MOHAMED
 5 VALLEY LANE WEST
 VALLEY STREAM, NY 11581
 APN: 524-112-002
GRADING & DRAINAGE PLAN SITE 1
 PHONE: (516) 567-2375

DESIGNED BY: H. NAVARRO	DRAWN BY: J.M.
CHECKED BY: J. MCKNIGHT	APPROVED BY: TVCE
DATE OF ISSUE: JULY 2017	
SCALE: AS SHOWN	
PROJECT NO: 116B	
DRAWING NO: C03.1	



