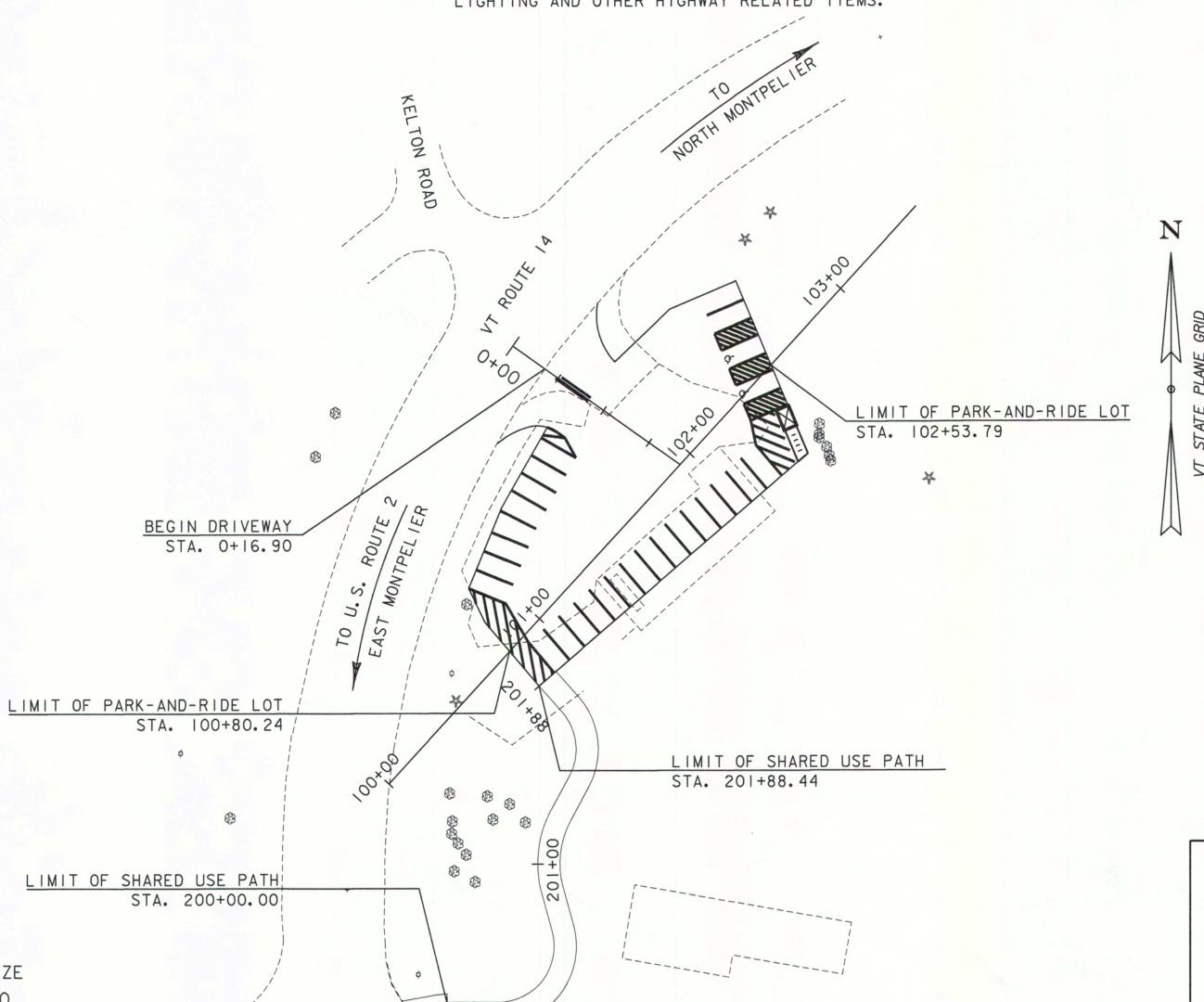
STATE OF VERMONT AGENCY OF TRANSPORTATION



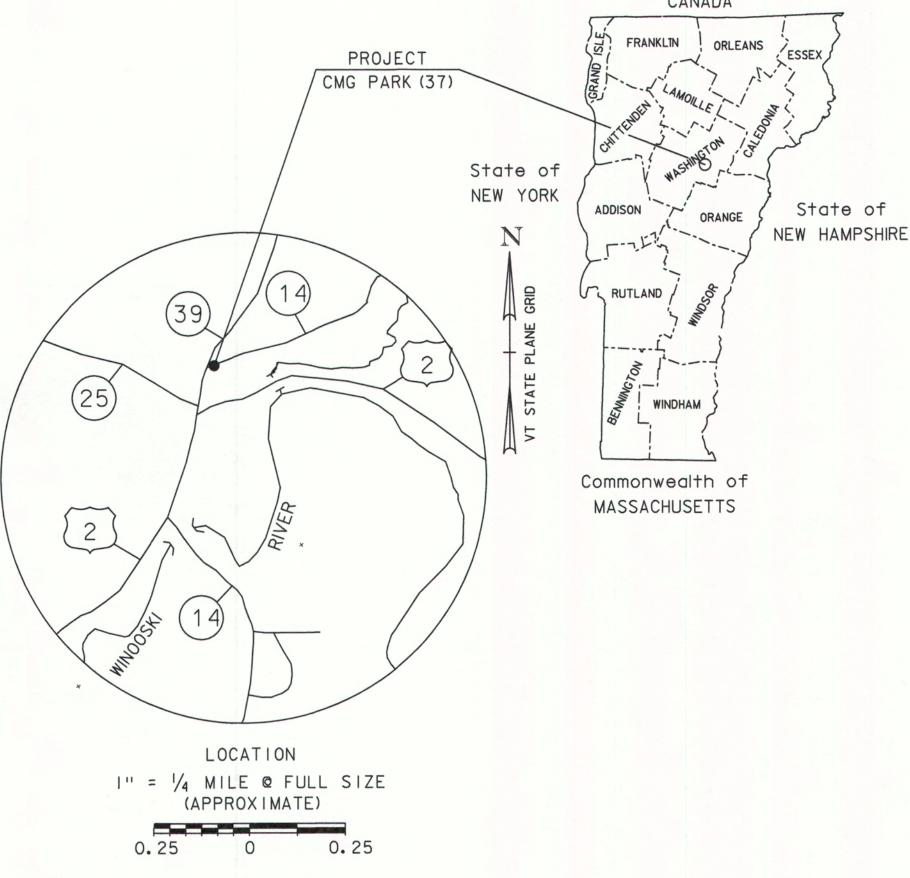
PROPOSED IMPROVEMENT TOWN OF EAST MONTPELIER COUNTY OF WASHINGTON COMMUTER PARK-AND-RIDE LOT

EAST MONTPELIER NEAR THE INTERSECTION OF VT ROUTE 14 AND U.S. ROUTE 2

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES CONSTRUCTION OF A NEW PARK-AND-RIDE LOT WITH 27 SPACES, SHARED USE PATH, CONSTRUCTING A BUS SHELTER, SIGNING, PAVEMENT MARKINGS, LIGHTING AND OTHER HIGHWAY RELATED ITEMS.



U.S. ROUTE 2 TO PLAINFIELD



CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

QUALITY ASSURANCE PROGRAM : LEVEL 3

SURVEYED BY : VT SURVEY & ENGINEERING SURVEYED DATE : 3/12

DATUM

VERTICAL

NAVD 88 FT

GRAPHIC SCALE

I" = 40' @ FULL SIZE

SCALE IN FEET

──TO MONTPELIER

HORIZONTAL NAD 83 (CORS) SPC (4400 VT) SFT May 01, 2017 www.stantec.com

Stantec

Stantec Consulting Services Inc. 55 Green Mountain Drive South Burlington VT U.S.A. 05403 Phone: (802) 864-0223 Fax: (802) 864-0165

DIRECTOR OF PROJECT DELIVERY

PROJECT MANAGER : WAYNE L. DAVIS

PROJECT NAME : E. MONTPELIER PARK-AND-RIDE PROJECT NUMBER : CMG PARK (37)

__ DATE __

SHEET I OF 42 SHEETS

INDEX OF SHEETS I TITLE SHEET 2 INDEX 3 CONVENTIONAL SYMBOLOGY & LEGEND SHEET 4-5 TYPICAL SECTIONS SHEETS 6 DETAILS SHEET 7-10 BUS SHELTER SHEETS II PROJECT TIE SHEET 12-13 QUANTITY SHEETS 14 EARTHWORKS SHEET 15 ROW DETAIL SHEET 16-17 ROW LAYOUT PLAN 18-19 LAYOUT PLANS 20 GRADING AND DRAINAGE PLAN 21 TRAFFIC SIGNS & PAVEMENT MARKINGS PLAN 22 TRAFFIC SIGN SUMMARY SHEET 23 TRAFFIC SIGN DETAIL SHEET 24 PROFILE SHEET 25 EPSC NARRATIVE 26 EPSC EXISTING CONDITIONS SITE PLAN 27 EPSC CONSTRUCTION SITE PLAN 28 EPSC FINAL CONDITIONS SITE PLAN 29-30 EPSC DETAIL SHEETS 31 LIGHTING AND PHOTOMETRIC PLAN 32-34 LIGHTING DETAIL SHEETS 35 CONSTRUCTION APPROACH SIGNING

36-42 CROSS SECTION SHEETS

INDEX OF STANDARDS 06-01-1994 B-7I 07-08-2005 C-10 02-11-2008 03-03-2003 D-20 E-121 08-08-1995 E-132 08-18-1995 E-173 08-09-1995 E-175 06-08-2009 02-01-1999 E-191 10-12-2000 E-192 E-193 08-18-1995 08-06-2012 T - 2 04-25-2016 T-10 08-06-2012 T-28 08-06-2012 T-29 08-06-2012 T-30 08-06-2012 T-45 01-02-2013 T-133 7-25-2016 T-134 3-10-2017

PROJECT NAME: EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37)



FILE NAME:...\drawing\zllk350+yp.dgn
PROJECT LEADER: G. SANTY
DESIGNED BY: G. BURGMEIER

PLOT DATE: 5/2/2017
DRAWN BY: P.ARMATA
CHECKED BY: G. SANTY
SHEET 2 OF 42

GENERAL INFORMATION

SYMBOLOGY LEGEND NOTE

THE SYMBOLOGY ON THIS SHEET IS INTENDED TO COVER STANDARD CONVENTIONAL SYMBOLOGY. THE SYMBOLOGY IS USED FOR EXISTING & PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROJECT ANNOTATION, AS NOTED ON PROJECT PLAN SHEETS. THIS LEGEND SHEET COVERS THE BASICS. SYMBOLOGY ON PLANS MAY VARY, PLAN ANNOTATIONS AND NOTES SHOULD BE USED TO CLARIFY AS NEEDED.

R. O. W.	ABBREV	IATIONS (CODES) & SYMBOLS
POINT	CODE	DESCRIPTION
	СН	CHANNEL EASEMENT
	CONST	CONSTRUCTION EASEMENT
	CUL	CULVERT EASEMENT
	D&C	DISCONNECT & CONNECT
	DIT	DITCH EASEMENT
	DR	DRAINAGE EASEMENT
	DRIVE	DRIVEWAY EASEMENT
	EC	EROSION CONTROL
	HWY	HIGHWAY EASEMENT
	I&M	INSTALL & MAINTAIN EASEMENT
	LAND	LANDSCAPE EASEMENT
	R&RES	REMOVE & RESET
	R&REP	REMOVE & REPLACE
	SR	SLOPE RIGHT
	UE	UTILITY EASEMENT
	(P)	PERMANENT EASEMENT
	(T)	TEMPORARY EASEMENT
	BNDNS	BOUND SET
	BNDNS	BOUND TO BE SET
	IPNS	IRON PIN SET
(IPNS	IRON PIN TO BE SET
	CALC	EXISTING ROW POINT
$\overline{\bigcirc}$	PROW	PROPOSED ROW POINT
[LENG	_	LENGTH CARRIED ON NEXT SHEET

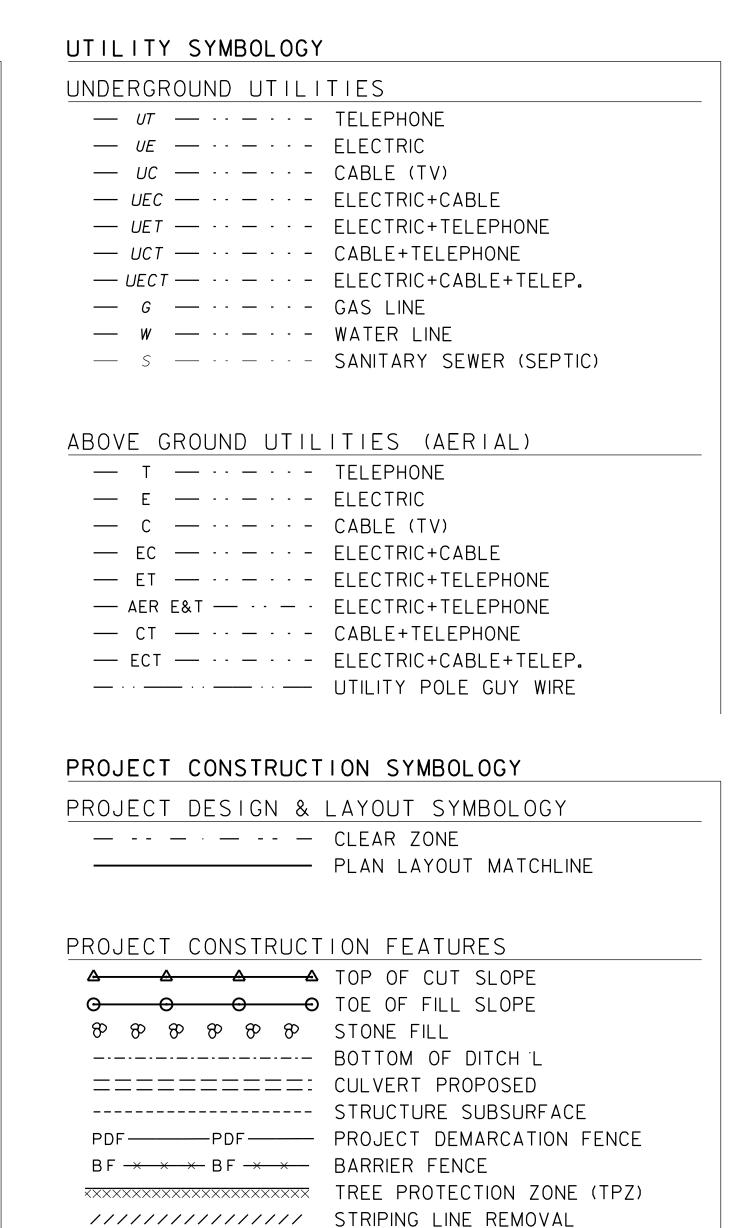
COMMON TOPOGRAPHIC POINT SYMBOLS

COMMON	I TOPOGR	APHIC POINT SYMBOLS
POINT	CODE	DESCRIPTION
⟨.⟩ ⟨.⟩	APL	BOUND APPARENT LOCATION
•	ВМ	BENCH MARK
•	BND	BOUND
	СВ	CATCH BASIN
ø	COMB	COMBINATION POLE
	DITHR	DROP INLET THROATED DNC
;	EL	ELECTRIC POWER POLE
⊙	FPOLE	FLAGPOLE
\odot	GASFIL	GAS FILLER
\odot	GP	GUIDE POST
×	GS0	GAS SHUT OFF
•	GUY	GUY POLE
0	GUYW	GUY WIRE
×	GV	GATE VALVE
	Н	TREE HARDWOOD
\triangle	HCTRL	CONTROL HORIZONTAL
\triangle	HVCTRL	CONTROL HORIZ. & VERTICAL
\Diamond	HYD	HYDRANT
	IP	IRON PIN
⊚	IPIPE	IRON PIPE
Ċ	LI	LIGHT - STREET OR YARD
o	MB	MAILBOX
\odot	MH	MANHOLE (MH)
•	MM	MILE MARKER
⊖	PM	PARKING METER
•	PMK	PROJECT MARKER
⊙	POST	POST STONE/WOOD
5	RRSIG	RAILROAD SIGNAL
↔	RRSL	RAILROAD SWITCH LEVER
	S	TREE SOFTWOOD
	SAT	SATELLITE DISH
	SHRUB	SHRUB
$\overline{\circ}$	SIGN	SIGN
A	STUMP	STUMP
-0-	TEL	TELEPHONE POLE
•	TIE	TIE
0 · 0	TSIGN	SIGN W/DOUBLE POST
人	VCTRL	CONTROL VERTICAL
0	WELL	WELL
M	WSO	WATER SHUT OFF

THESE ARE COMMON VAOT SURVEY POINT SYMBOLS FOR EXISTING FEATURES, ALSO USED FOR PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROPOSED ANNOTATION.

PROPOSED GEOMETRY CODES

CODE	DESCRIPTION
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
CC	CENTER OF CURVE
PT	POINT OF TANGENCY
PCC	POINT OF COMPOUND CURVE
PRC	POINT OF REVERSE CURVE
POB	POINT OF BEGINNING
POE	POINT OF ENDING
STA	STATION PREFIX
АН	AHEAD STATION SUFFIX
ВК	BACK STATION SUFFIX
D	CURVE DEGREE OF (IOOFT)
R	CURVE RADUIS OF
T	CURVE TANGENT LENGTH
L	CURVE LENGTH OF
E	CURVE EXTERNAL DISTANCE

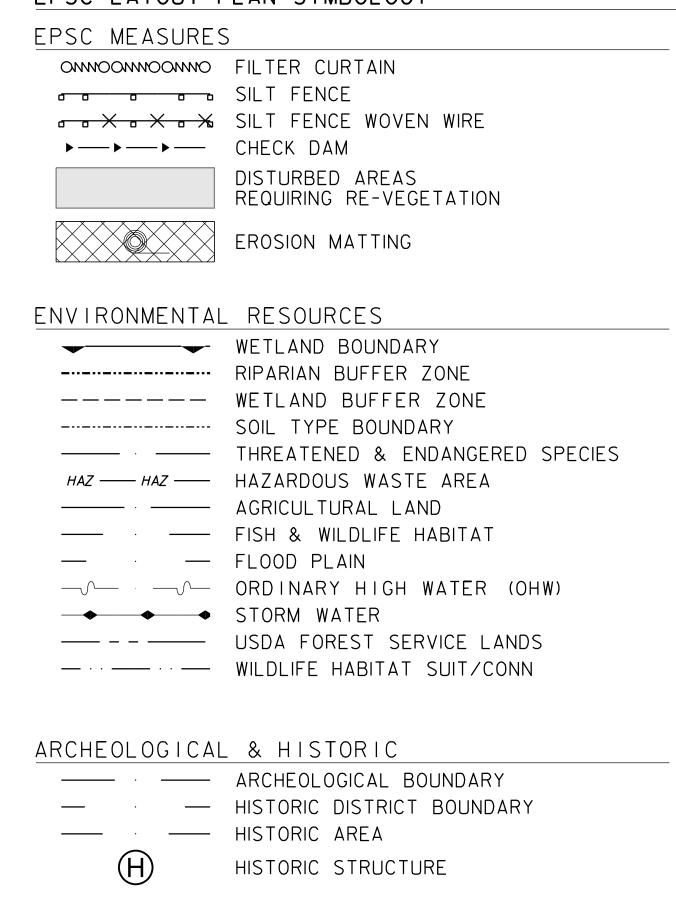


CONVENTIONAL BOUNDARY SYMBOLOGY

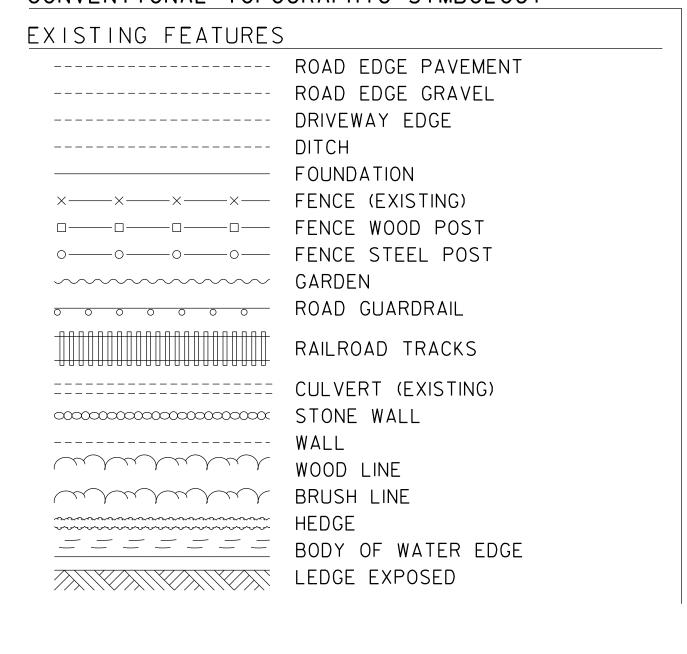
SHEET PILES

BOUNDARY LINES	
TOWN LINE	TOWN BOUNDARY LINE
COUNTY LINE	COUNTY BOUNDARY LINE
STATE LINE	STATE BOUNDARY LINE
	PROPOSED STATE R.O.W. (LIMITED ACCESS)
	PROPOSED STATE R.O.W.
	STATE ROW (LIMITED ACCESS)
	STATE ROW
	TOWN ROW
<u> </u>	PERMANENT EASEMENT LINE (P)
	TEMPORARY EASEMENT LINE (T)
+ +	SURVEY LINE
· · · · · ·	PROPERTY LINE (P/L)
SR SR SR SR →	SLOPE RIGHTS
6f ————————————————————————————————————	6F PROPERTY BOUNDARY
4f 4f	4F PROPERTY BOUNDARY
HAZ HAZ	HAZARDOUS WASTE

EPSC LAYOUT PLAN SYMBOLOGY



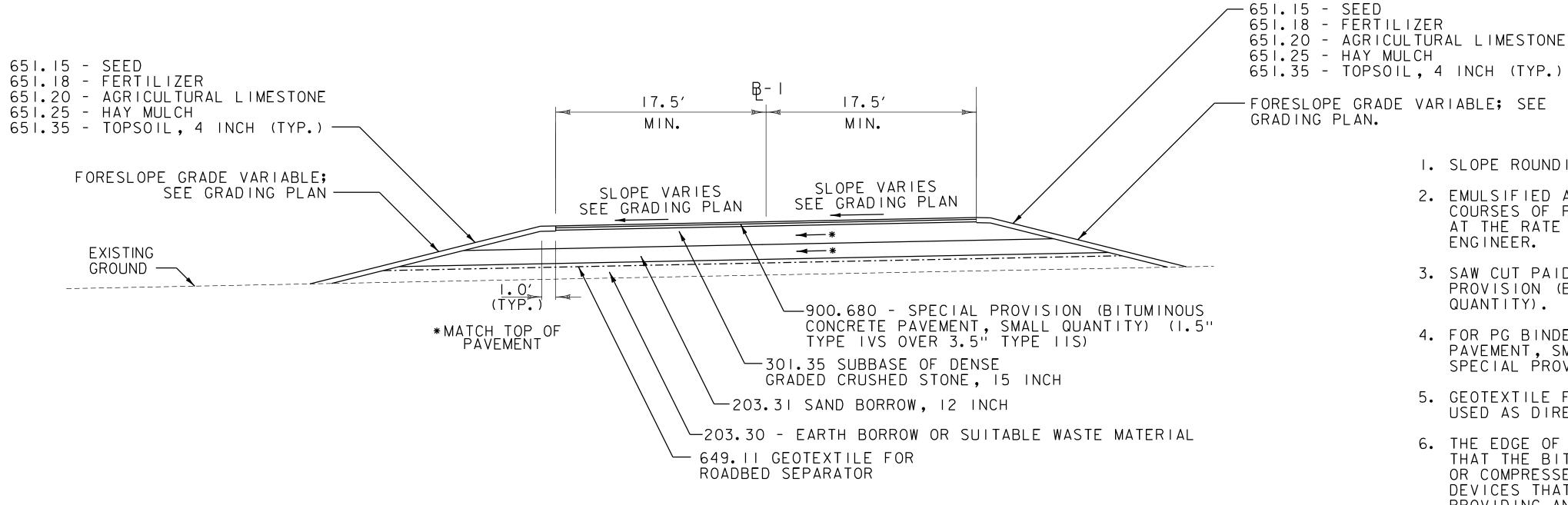
CONVENTIONAL TOPOGRAPHIC SYMBOLOGY



PROJECT NAME: EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37)

FILE NAME:...\drawing\zllk350typ.dgn PLOT DATE: 5/2/2017 PROJECT LEADER: VTRANS DRAWN BY: VTRANS DESIGNED BY: VTRANS CHECKED BY: VTRANS CONVENTIONAL SYMBOLOGY & LEGEND SHEET SHEET 3 OF 42

TYPICAL SECTIONS MATERIAL ITEM THICKNESS / TOLERANCE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT +/- 1/4 " (TOTAL DEPTH) $1\frac{1}{2}$ " SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (I LIFT - TYPE IVS) DENSE GRADED CRUSHED STONE +/- |" 31/2" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (I LIFT - TYPE IIS) SAND BORROW +/- |" 15" SUBBASE OF DENSE GRADED CRUSHED STONE **B**-2 12" SAND BORROW GEOTEXTILE FOR ROADBED SEPARATOR VARIES VARIES VARIES (SEE LAYOUT) (PARKING SPACE) (PARKING SPACE) -651.15 - SEED 651.18 - FERTILIZER 651.20 - AGRICULTURAL LIMESTONE 651.25 - HAY MULCH 651.35 - TOPSOIL, 4 INCH (TYP.) <u>1.5%</u> <u>1.5%</u> <u>1.5%</u> VARIES * —— (1: 4 MAX) * ----—900.680 - SPECIAL PROVISION (BITUMINOUS EXISTING-GROUND CONCRETE PAVEMENT, SMALL QUANTITY) -651.15 - SEED (I.5" TYPE IVS OVER 3.5" TYPE IIS) SLOPES VARY 651.18 - FERTILIZER *MATCH TOP OF PAVEMENT (SEE GRADING -301.35 - SUBBASE OF DENSE 651.20 - AGRICULTURAL LIMESTONE AND DRAINAGE GRADED CRUSHED STONE, 15 INCH 651.25 - HAY MULCH PLAN) 651.35 - TOPSOIL, 4 INCH (TYP.) -203.31 - SAND BORROW, 12 INCH ─203.30 - EARTH BORROW OR SUITABLE WASTE MATERIAL -649. II - GEOTEXTILE FOR ROADBED SEPARATOR PARK-AND-RIDE TYPICAL SECTION (PERPENDICULAR TO BASELINE 2, SEE LAYOUT PLAN) NOT TO SCALE



PARK-AND-RIDE DRIVEWAY ENTRANCE TYPICAL SECTION (ALONG BASELINE 1) NOT TO SCALE

I 1/2 " SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (I LIFT - TYPE IVS) 3 1/2 " SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (I LIFT - TYPE IIS) I5" SUBBASE OF DENSE GRADED CRUSHED STONE I2" SAND BORROW GEOTEXTILE FOR ROADBED SEPARATOR

<u>general notes</u>

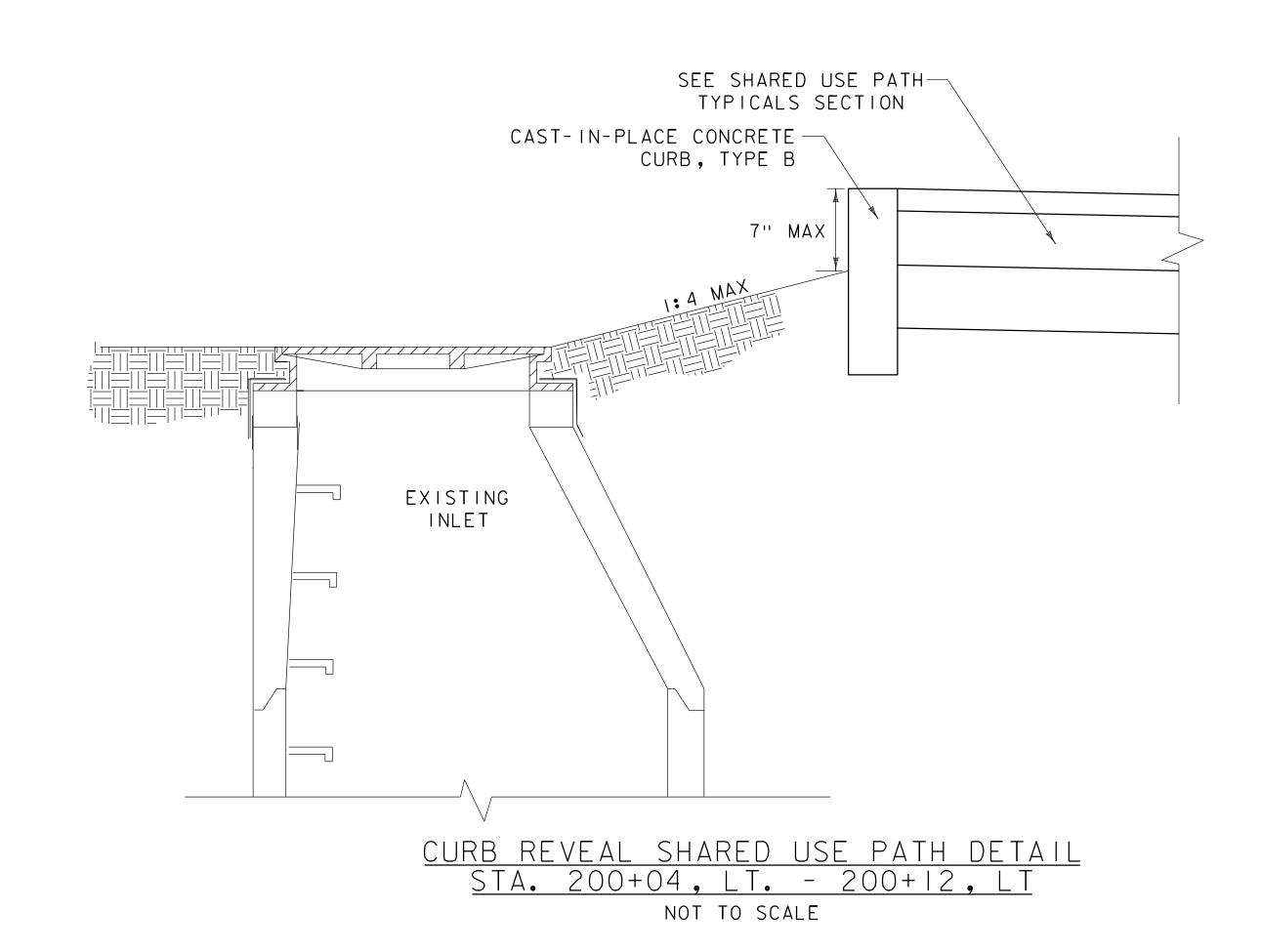
- I. SLOPE ROUNDING: CUT SLOPES WILL NOT BE ROUNDED.
- 2. EMULSIFIED ASPHALT SHALL BE APPLIED BETWEEN ALL COURSES OF PAVEMENT AND ON ALL COLD PLANED SURFACES AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE ENGINEER.
- 3. SAW CUT PAID INCIDENTAL TO ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY).
- 4. FOR PG BINDER GRADE SEE BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY OF SECTION 900 OF THE SPECIAL PROVISIONS.
- 5. GEOTEXTILE FOR ROADBED SEPARATOR TO BE USED AS DIRECTED BY THE ENGINEER.
- 6. THE EDGE OF PAVEMENT SHALL BE FORMED IN SUCH A WAY THAT THE BITUMINOUS CONCRETE PAVEMENT IS EXTRUDED OR COMPRESSED TO FORM THE 30 TO 35 DEGREE ANGLE. DEVICES THAT SIMPLY STRIKE-OFF THE MIX WITHOUT PROVIDING ANY COMPACTIVE EFFORT WILL NOT BE ALLOWED. SEE VTRANS SAFETY EDGE DETAILS SHEET HSD-400.01.

PROJECT NAME: EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37)

FILE NAME:...\drawing\zllk350typ.dgn
PROJECT LEADER: G. SANTY
DESIGNED BY: G. BURGMEIER
TYPICAL SECTIONS SHEET I

PLOT DATE: 5/2/2017
DRAWN BY: P.ARMATA
CHECKED BY: G. SANTY
SHEET 4 OF 42

 $3\frac{1}{2}$ " BITUMINOUS CONCRETE PAVEMENT (1.5" TYPE IVS OVER 2" TYPE IIS) 8" SUBBASE OF DENSE GRADED CRUSHED STONE 12" SAND BORROW GEOTEXTILE FOR ROADBED SUBGRADE SEPARATOR RECOVERY
AREA
(TYP.) 3'-0" CLEARANCE TO TREES, FENCES, OR OTHER FIXED OBJECTS (TYP.) 2.0'
GRASS 8.0'-10.0' ⇒ 2.0′ GRASS 651.15 - SEED 651.25 - HAY MULCH SHOULDER SHOULDER 0.020 (MAX) 651.35 - TOPSOIL, 4 INCH (TYP.) 651.18 - FERTILIZER 651.20 - AGRICULTURAL LIMESTONE *—► -ORIGINAL *---GROUND 1.0' (TYP.) *MATCH TOP OF PAVEMENT 301.35 - SUBBASE OF DENSE GRADED CRUSHED STONE -└-900.680 - SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY) 203.31 - SAND BORROW -SHARED USE PATH TYPICAL SECTION NOT TO SCALE 649. II - GEOTEXTILE FOR ROADBED SUBGRADE SEPARATOR

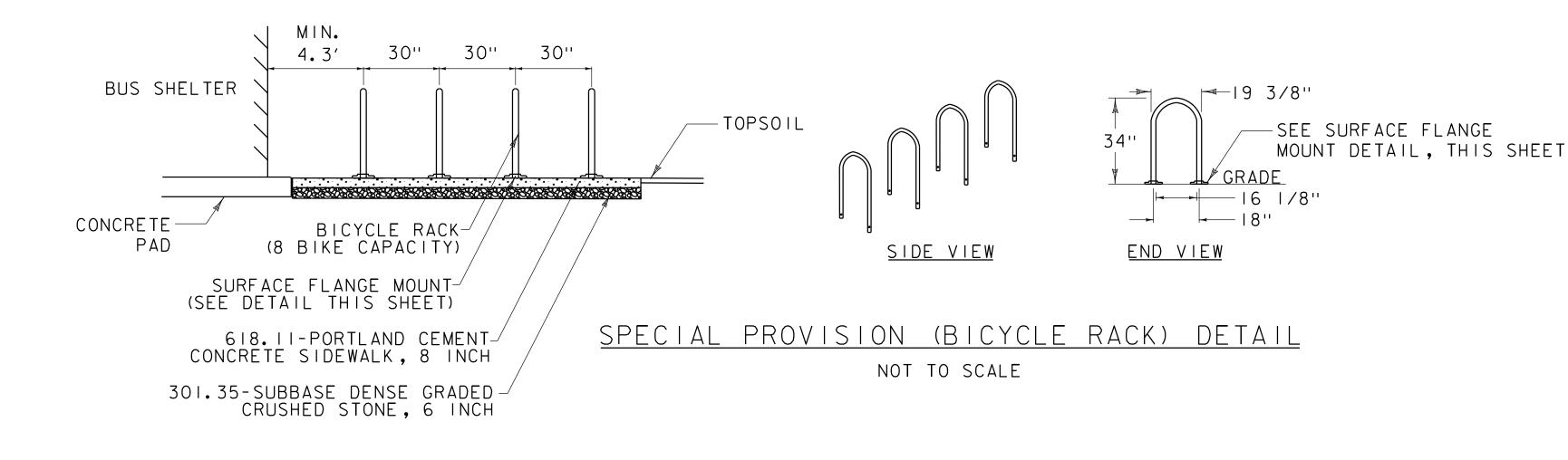


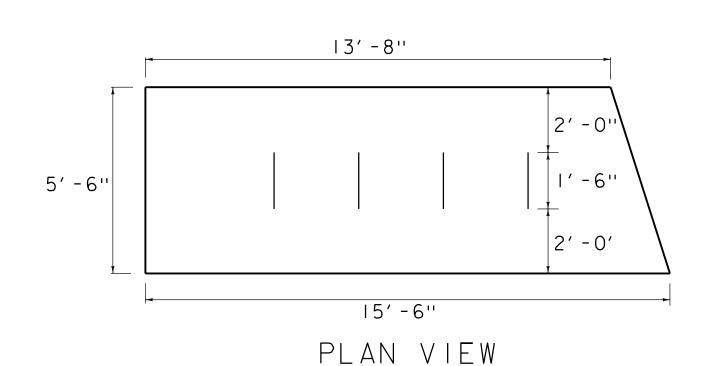


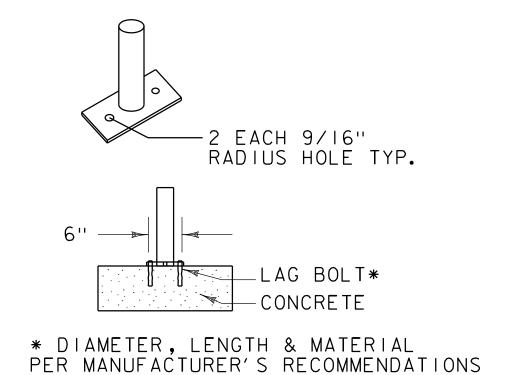
PROJECT NAME: EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37)

FILE NAME:...\drawing\zllk350typ.dgn
PROJECT LEADER: G. SANTY
DESIGNED BY: G. BURGMEIER
TYPICAL SECTIONS SHEET 2

PLOT DATE: 5/2/2017
DRAWN BY: P.ARMATA
CHECKED BY: G. SANTY
SHEET 5 OF 42

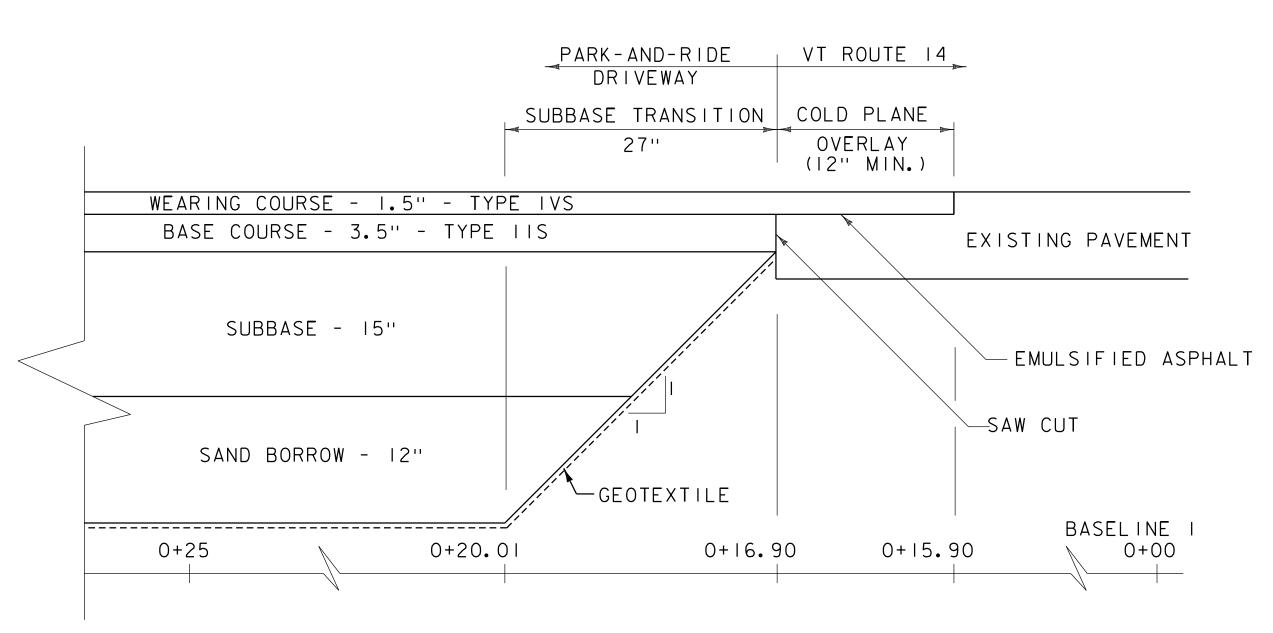






SURFACE FLANGE MOUNT DETAIL
NOT TO SCALE

NOTE: BICYCLE RACK, SURFACE FLANGE MOUNT, AND LAG BOLTS TO BE PAID UNDER ITEM 900.620 SPECIAL PROVISION (BICYCLE RACK).



PAVEMENT & SUBBASE TRANSITION (DRIVEWAY)
NOT TO SCALE

	SEEDING FORMULA: LOW GROW / FINE FESCUE									
	LBS	S/AC								
% WEIGHT	BROADCAST	HYDROSEED	NAME	GERM %						
37.6%	75.2	94	CREEPING RED FESCUE/DEN	90%						
28.4%	56.8	71	SPARTAN HARD FESCUE	85%						
14.4%	28.8	36	AZAY SHEEPS FESCUE	87%						
14.2%	28.4	35.5	ANNUAL RYEGRASS	90%						
1.0%	2	2.5	CROP							
4.3%	8.6	10.8	INERT							
0.1%	0.2	0.2	WEED							
100%	200	250								

PERCENT OF SEED, CROP, WEED OR INERT MAY VARY +/- 2%. VARIETIES OF GRASSES MAY BE SUBSTITUTED ONLY WITH APPROVAL FROM RESIDENT ENGINEER.

MOWING: RECOMMENDED EARLY MOWING ONCE OR TWICE WHEN GRASS REACHES 6 INCHES HEIGHT MAXIMUM TO PREVENT BROADLEAF WEED COMPETITION DURING ESTABLISHMENT PERIOD.

FERTILIZER AND LIMESTONE: SHALL FOLLOW RATES SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER

HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.

TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

HYDROSEEDING: ALTHOUGH GUIDANCE IS GIVEN ABOVE THE SITE CONDITIONS AND THE TYPE OF HYDROSEED WILL ULTIMATELY DICTATE THE AMOUNTS AND TYPES OF SOIL AMENDMENTS TO BE APPLIED

TURF ESTABLISHMENT: PLACING SEED, FERTILIZER, LIME AND MULCH PRIOR TO SEPTEMBER 15 AND AFTER APRIL 15 CAN BETTER ENSURE A VIGOROUS GROWTH OF GRASS.

PROJECT NAME:

FILE NAME: ...\drawing\z|k350+y|
PROJECT LEADER: G. SANTY
DESIGNED BY: G. BURGMEIE
DETAILS SHEET

PROJECT NUMBER: CMG PARK(37)

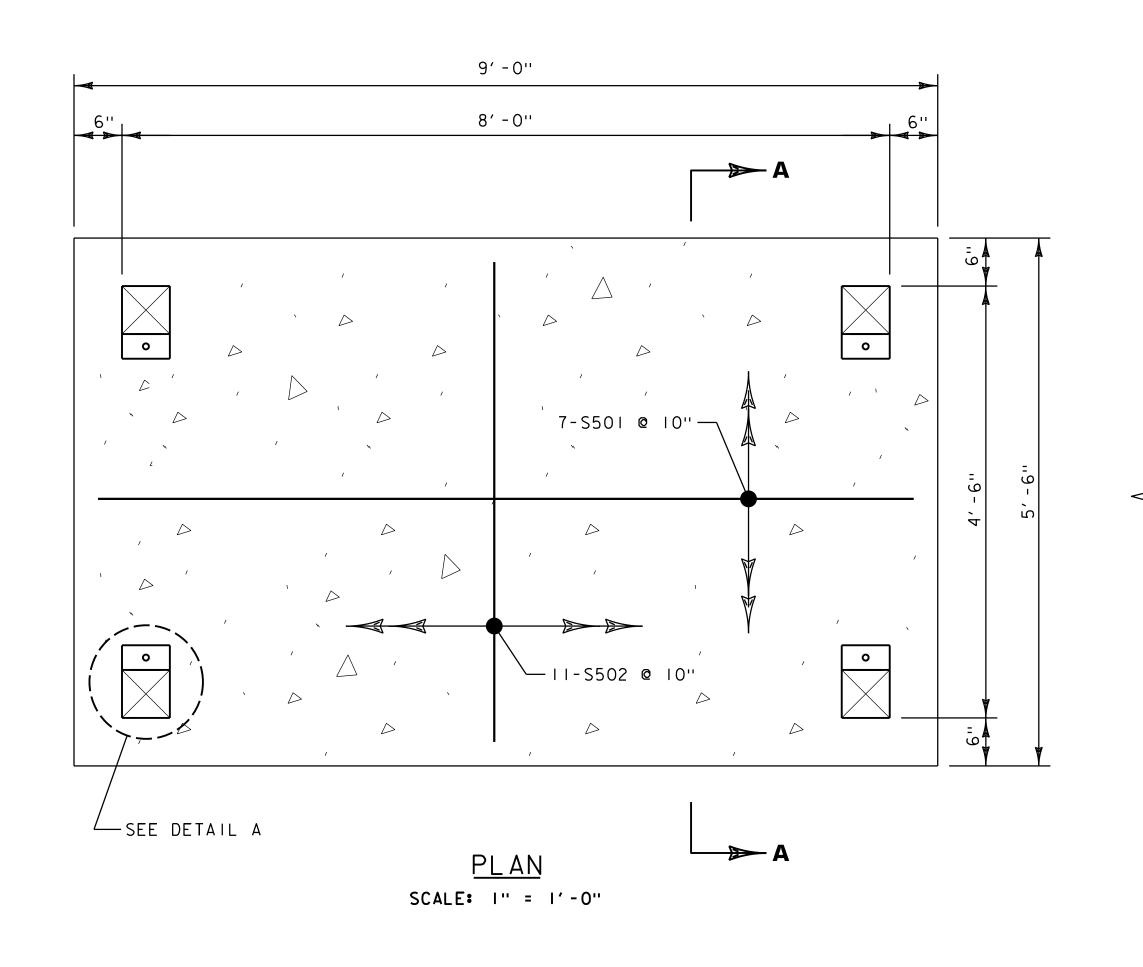
FILE NAME:...\drawing\z||k350+yp.dgn PLOT DATE: 5/2/2017

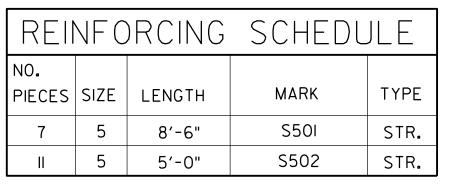
PROJECT LEADER: G. SANTY DRAWN BY: P,ARMATA

DESIGNED BY: G. BURGMEIER CHECKED BY: G. SANTY

EAST MONTPELIER PARK-AND-RIDE

SHEET 6 OF 42

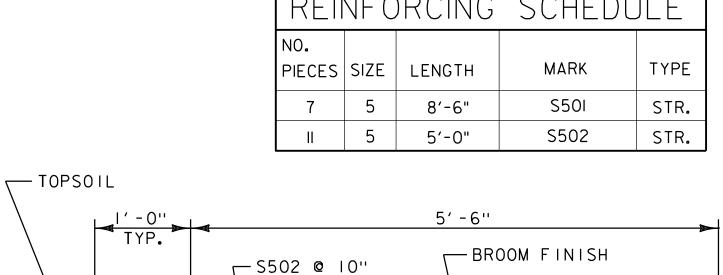




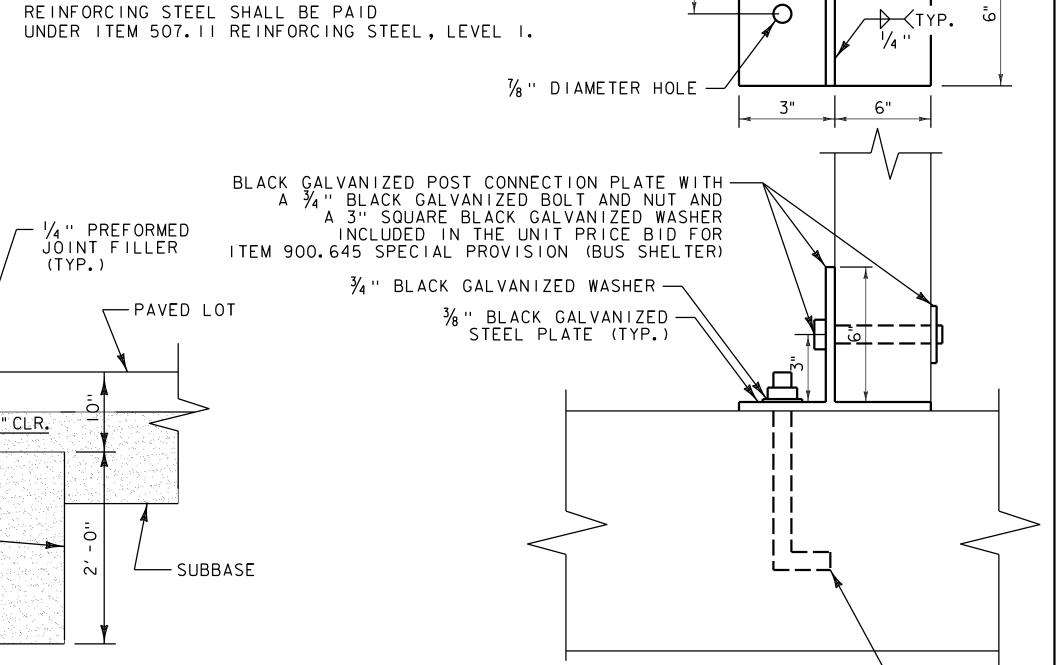
CONCRETE, CLASS B (ITEM 541.25)

NOTES:

— LIMITS OF SUBBASE OF DENSE GRADED CRUSHED STONE (ITEM 301.35).



-S501 @ 10"



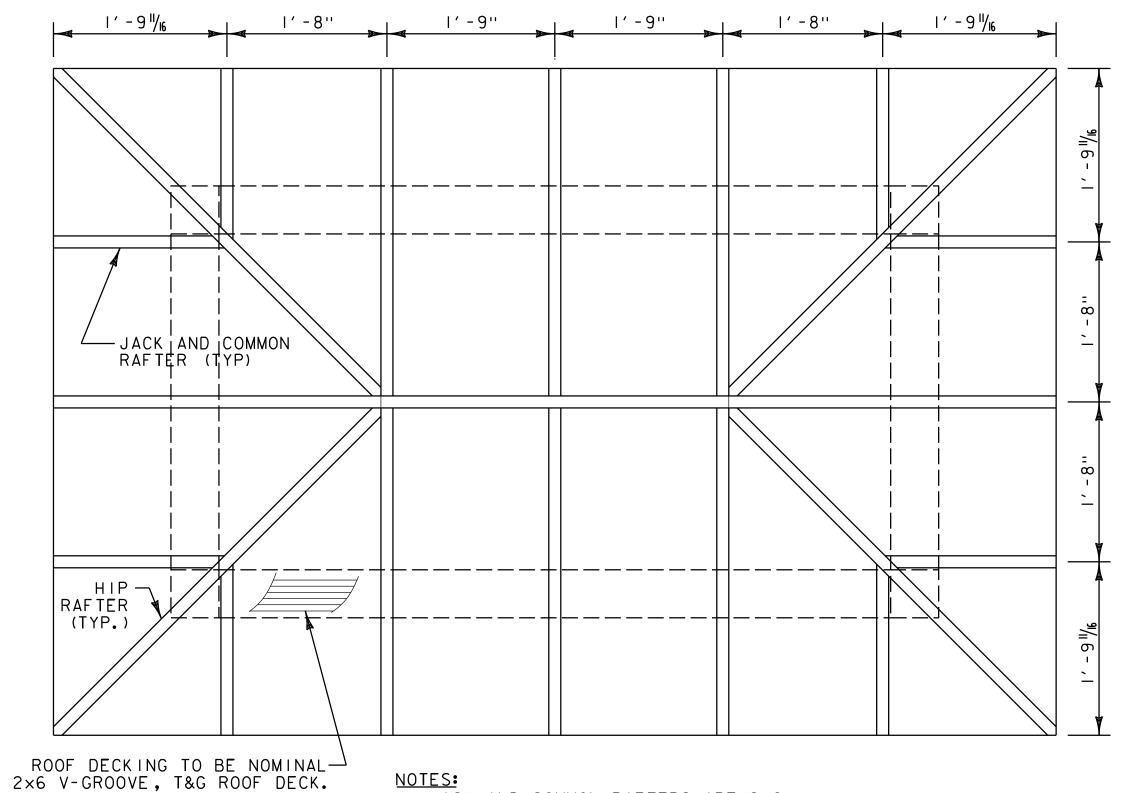
3/4" BLACK GALVANIZED ANCHOR BOLT MEETING

ASTM F1554, GRADE 55 OR EQUAL, & ANCHOR 7" L BOLTS, BEARING DEVICES ITEM NO 714.08 2

INCIDENTAL TO ITEM 541.25

SECTION A-A SCALE: I" = I'-0"

BUS SHELTER SLAB DETAIL



ROOF FRAMING SCALE: I" = I'-O"

2. HIP RAFTERS ARE 2×7 3. RIDGE BEAM IS 2x8

I. JACK AND COMMON RAFTERS ARE 2x6.



EMBEDMENT INTO CONCRETE SHALL BE 6" AND HAVE A MINIMUM PULL OUT STRENGTH OF 3,000 LBS. DETAIL A

NOT TO SCALE

NOTE: DRILL AND EPOXY ANCHORING WILL BE PERMITTED. MINIMUM 3/4" ANCHOR ROD

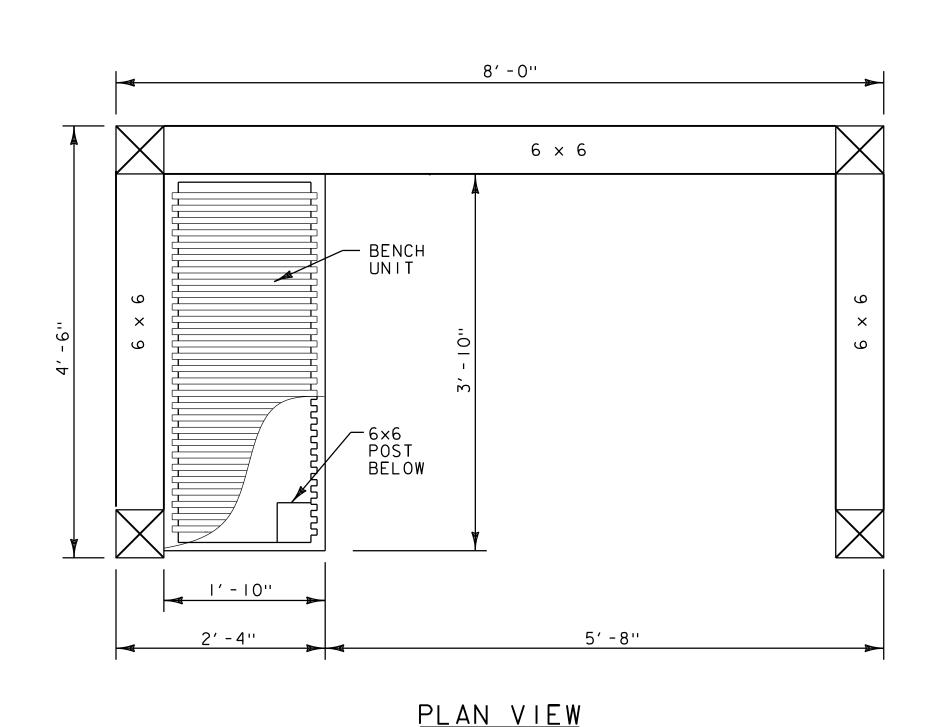
NOTES:

- I. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO STATE OF VERMONT AGENCY OF TRANSPORTATION, 2011 STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, ITS LATEST REVISIONS, AND THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, DATED 2010, AND ITS LATEST REVISIONS.
- 2. REINFORCING PLACEMENT TOLERANCES SHALL BE: SPACING +/- 1/4 " CLEARANCE
- 3. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1/2" BY 1/2"
- 4. WATER REPELLENT SILANE (ITEM 514.10) SHALL BE APPLIED TO ALL EXPOSED CONCRETE.
- 5. ALL MATERIALS AND WORK DETAILED ON THIS SHEET SHALL BE INCLUDED UNDER ITEM 900.645 SPECIAL PROVISION (BUS SHELTER) UNLESS OTHERWISE NOTED.
- 6. ALL WOODEN PEGS SHALL BE I" DIAMETER OAK.
- 7. THE STRUCTURE WAS DESIGNED FOR THE FOLLOWING LOADS: GROUND SNOW LOAD = 100 psf BASIC WIND SPEED = 90 mph CATEGORY I
- 8. ALL DIMENSIONS ARE NOMINAL. MEMBERS SHALL BE SURFACED ON FOUR SIDES.
- 9. TIMBER FRAMING SHALL BE APPEARANCE GRADE WHITE OAK (NO. 1). ROOF SHEATHING SHALL BE NO. 1 OR NO. 2 SPF. BENCH FRAMING SHALL BE APPEARANCE GRADE WHITE OAK (NO. 1).
- 10. SEE BUS SHELTER SPECIAL PROVISION IN CONTRACT DOCUMENTS FOR ADDITIONAL REQUIREMENTS.

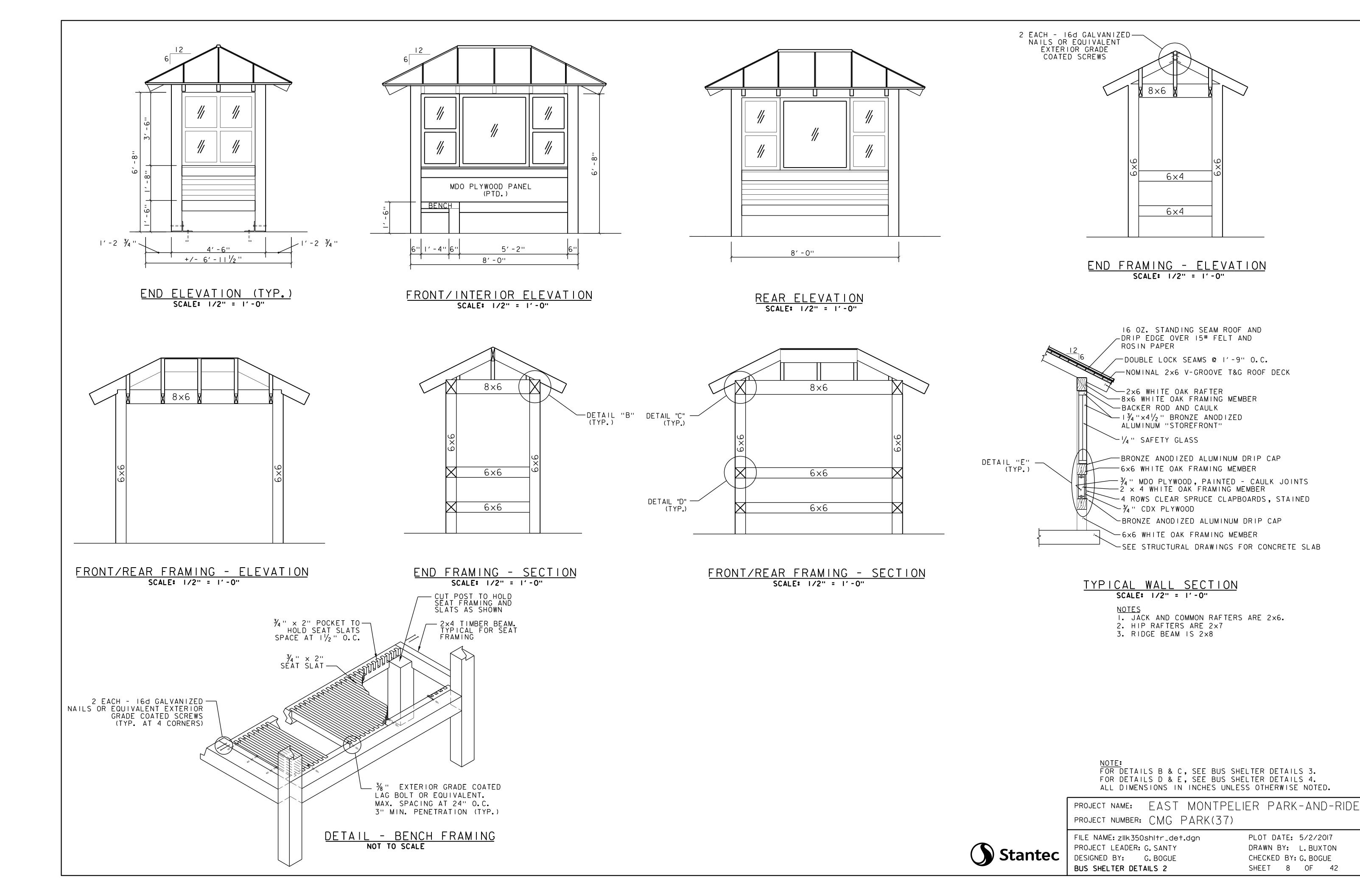
PROJECT NAME: EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37)

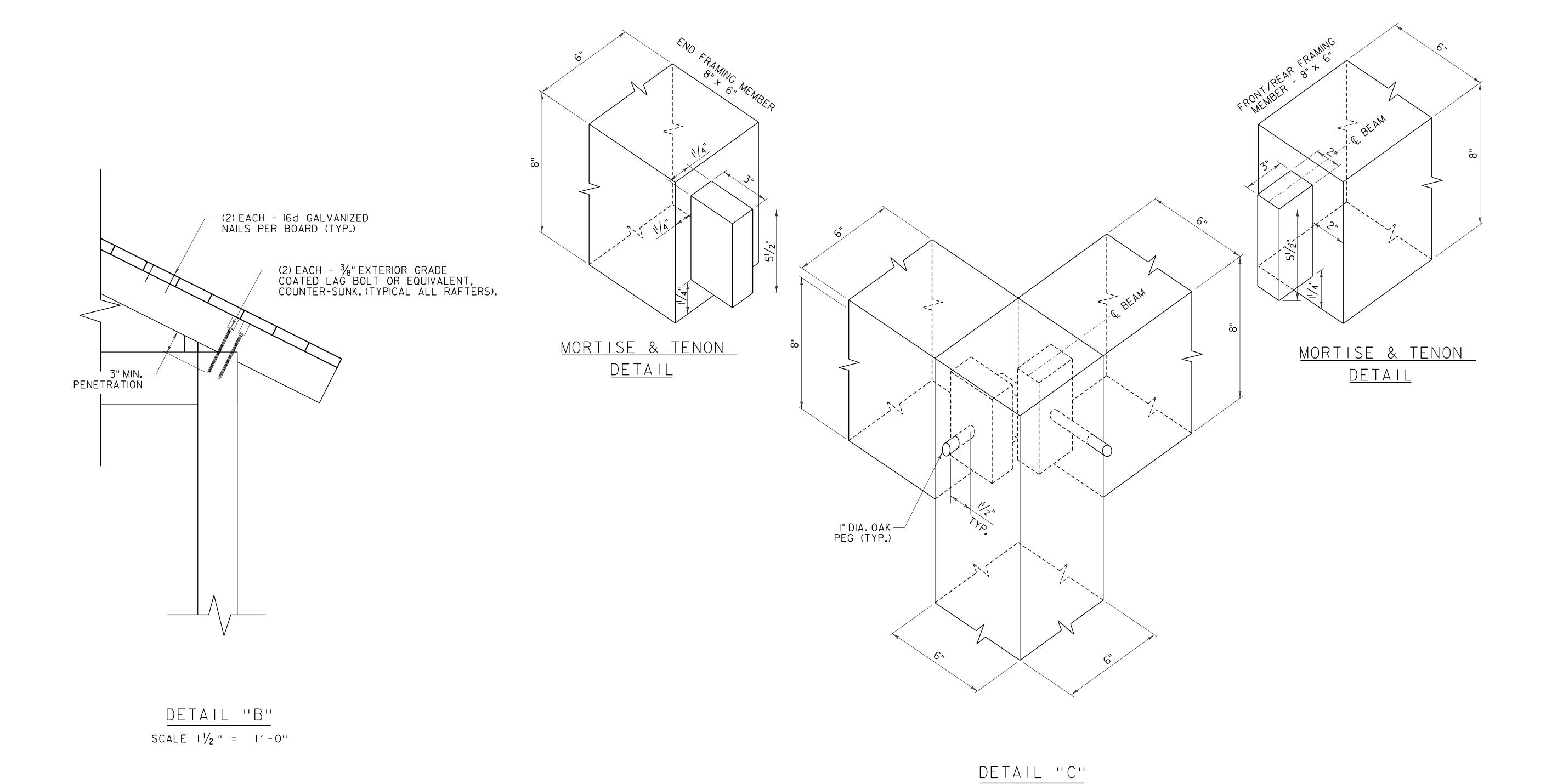
FILE NAME: zllk350shltr_det.dgn PROJECT LEADER: G. SANTY DESIGNED BY: G. BOGUE BUS SHELTER DETAILS I

PLOT DATE: 5/2/2017 DRAWN BY: L. BUXTON CHECKED BY: G. BOGUE SHEET 7 OF 42



SCALE: I" = I'-0"





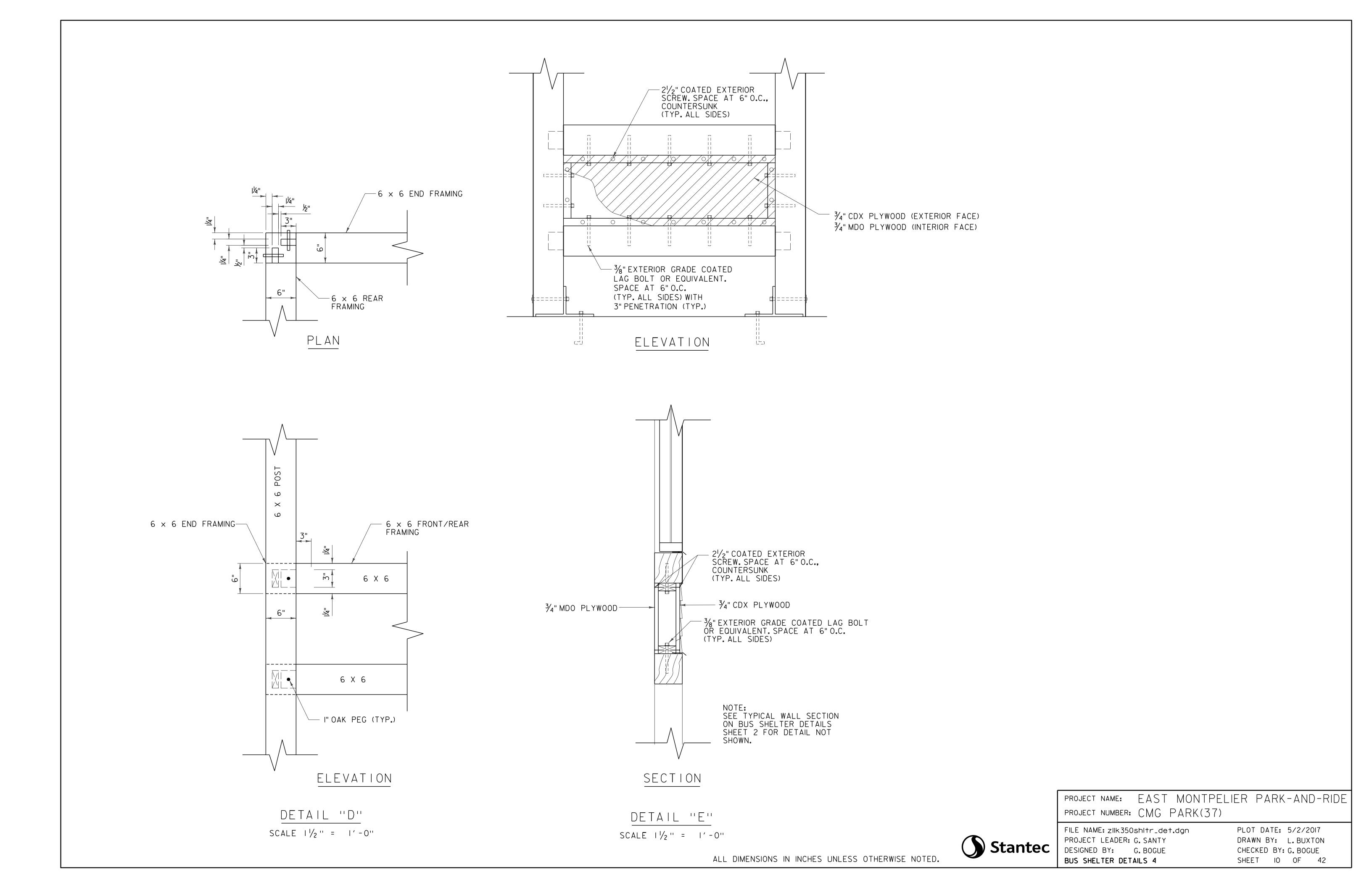
Stantec

PROJECT NAME: EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37)

FILE NAME: zlik350shltr_det.dgn
PROJECT LEADER: G. SANTY
DESIGNED BY: G. BOGUE
BUS SHELTER DETAILS 3

PLOT DATE: 5/2/2017
DRAWN BY: L.BUXTON
CHECKED BY: G.BOGUE
SHEET 9 OF 42

SCALE 1 1/2 " = 1'-0"



 \bigcirc

 \bigcirc

DISK MM 5

DIRECTION	ACTUAL GRID POINTS	PROJECT SPECIFIC
	ENGLISH	COORDINATE POINTS
N	646062.992 FT	646038.863 FT
E	1643996.063 FT	1644023.552 FT
Z	727.780 FT	727.611 FT

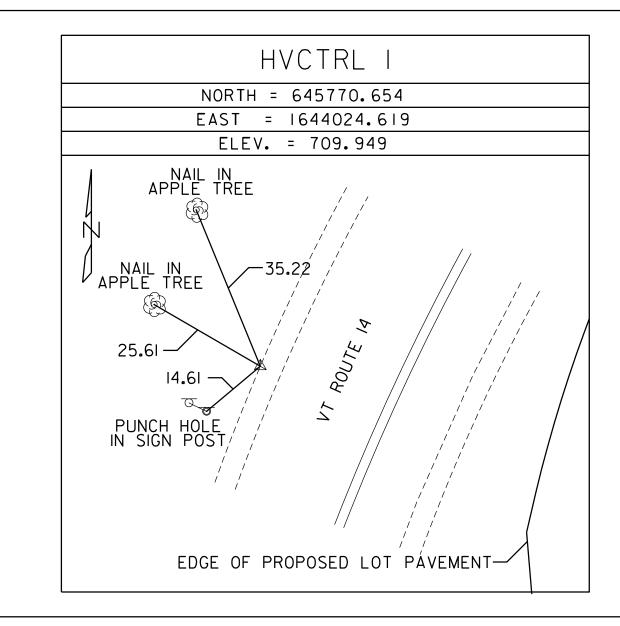
GENERAL LOCATION, EAST MONTPELIER, VT.

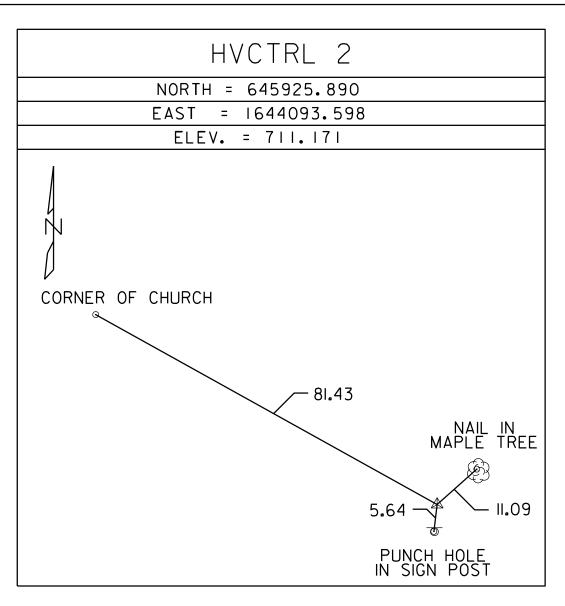
DESCRIBED BY COAST AND GEODETIC SURVEY 1936 0.3 MINORTHEAST FROM EAST MONTPELIER.O.3 MINORTHEAST ALONG U.S. HIGHWAY 2 FROM A COVERED BRIDGE AT EAST MONTPELIER, WASHINGTON COUNTY, ABOUT 175 YARDS NORTHEAST OF THE JUNCTION OF STATE HIGHWAY 12, 75 YARDS NORTHEAST OF A BRICK CHURCH, 70 FEET WEST OF THE JUNCTION OF A COUNTY ROAD, IN THE TOP OF A ROCK OUTCROP, AND ABOUT 20 FEET HIGHER THAN THE HIGHWAY. A UNITED STATES GEOLOGICAL SURVEY STANDARD DISK, STAMPED MM 5 1928.

RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1979 TO REACH THE MARK FROM THE JUNCTION OF U.S. HIGHWAY 2 AND STATE HIGHWAY 14, IN EAST MONTPELIER GO EAST ON HIGHWAY 14 FOR 0.05 MILE TO THE MARK ON THE LEFT. THE MARK IS A U.S. GEOLOGICAL SURVEY DISK CEMENTED IN A DRILL HOLE IN ROCK OUTCROP THAT PROJECTS 4 FEET ON THE SOUTH SIDE. IT IS 92 FEET EAST OF THE SOUTHEAST CORNER OF THE WASHINGTON ELECTRIC COOP BUILDING AND 76 FEET NORTH OF THE CENTER OF HIGHWAY 14.

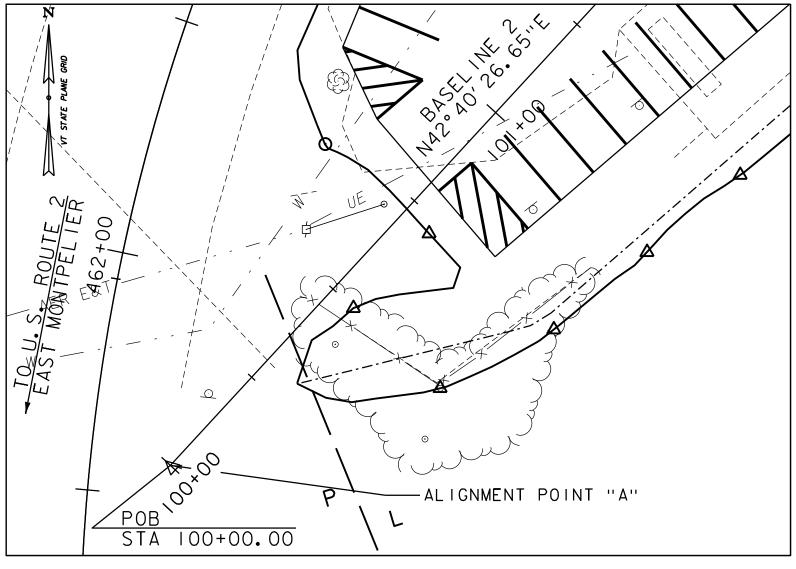
DESCRIPTIONS PROVIDED BY VERMONT AGENCY OF TRANSPORTATION GEODETIC SURVEY UNIT.

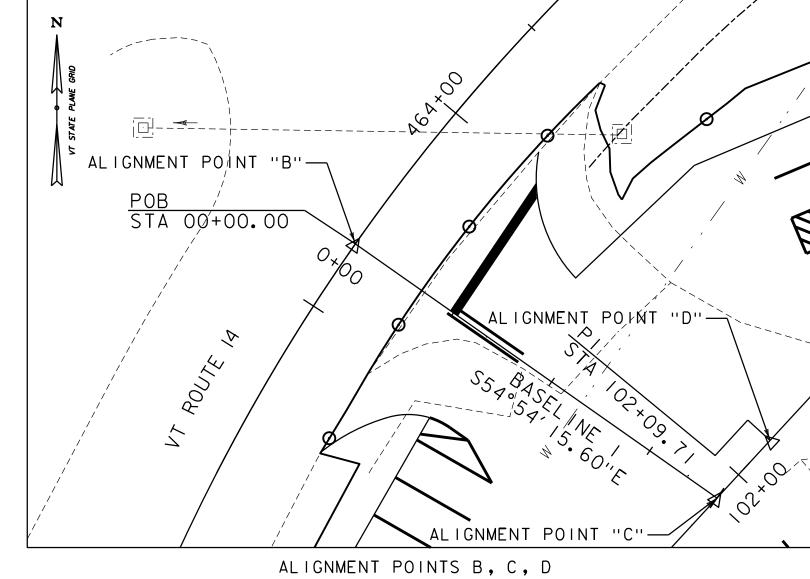
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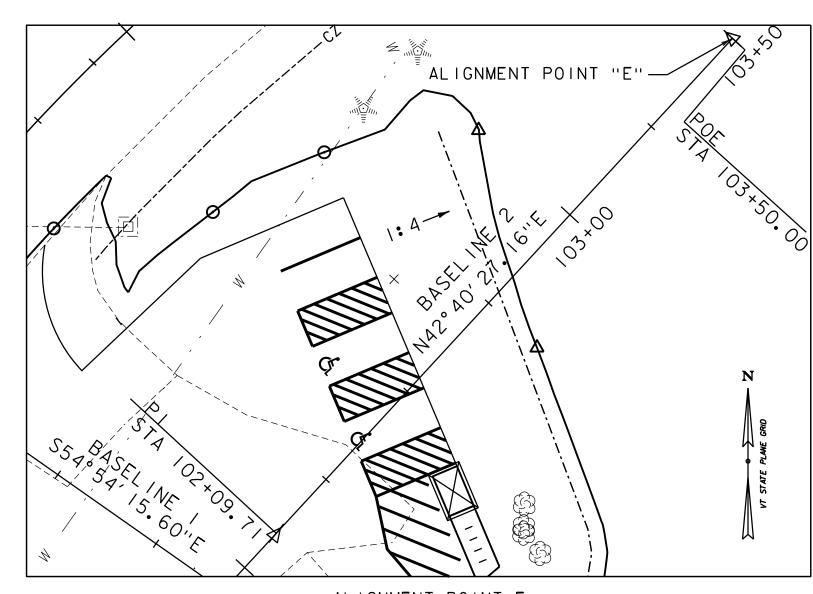




ZGNME \triangleleft







		<i>1</i>	,			
ALIGNMENT POINT A	_		AL I	GNME	NTS E	В, С

	ALIGNMEN	IT POINTS	
POINT	NORTHING	EASTING	STATION
Α	645792.7813	1644104.7413	100+00.00
В	645987.9363	1644160.4748	00+00.00
С	645934.9785	1644235.8381	00+92.11
D	645946.9672	1644246.8908	102+09.71
E	646050.1086	1644341.9810	103+50.00

ALIGNMENT POINT E

Stantec

EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37)

FILE NAME:...\drawing\zllk350ti.dgn PROJECT LEADER: G. SANTY DESIGNED BY: G. BURGMEIER PROJECT TIE SHEET

PLOT DATE: 5/2/2017 DRAWN BY: G. BURGMEIER CHECKED BY: G. SANTY SHEET || OF 42

DATUM

VERTICAL: NAVD 88 FT

HORIZONTAL: NAD 83 (CORS) SPC(4400 VT)SFT

STATE OF VERMONT AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

SUMMARY OF ESTI	MATED QUANTITIES			тота	LS		DESCRIPTIONS					DETAILED SUMMARY OF QUANTITIES
		ROADWAY	EROSION CONTROL	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
		1		1		LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.10	-			COMMON EXCAVATION
		1		1		EACH		202.10	-	281	CY	TOTAL FROM EARTHWORKS SHEET
		290		290		CY	COMMON EXCAVATION	203.15	9	9		ROUNDING
		700		700		CY	EARTH BORROW	203.30	22	290	CY	TOTAL
		645		645		CY	SAND BORROW	203.31	7			
		80		80		CY	TRENCH EXCAVATION OF EARTH	204.20	0.6	070	0)/	SUBBASE OF DENSE GRADED CRUSHED STONE
		3		3		CY	TRENCH EXCAVATION OF ROCK	204.21	1.1	672		PARKING LOT AREA
		1		1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-	63	CY	SHARED USE PATH
		750		750		CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	15	15	CY	ROUNDING
		6		6		CWT	EMULSIFIED ASPHALT	404.65	0.7	750	CY	TOTAL
				4					0.1			
		1		1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-			
		125		125		LB	REINFORCING STEEL, LEVEL I	507.11	6			SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY)
		1		1		GAL	WATER REPELLENT, SILANE	514.10	0.6	331	TON	PARKING LOT AND ENTANCE DRIVE (TYPE IIS)
		2		2		CY	CONCRETE, CLASS B	541.25	0.5			PARKING LOT AND ENTANCE DRIVE (TYPE IVS)
		1		1		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.			
		10		10		HR	POWER BROOM RENTAL, TYPE I	608.30				SHARED USE PATH (TYPE IIS)
		1		1		HR	TRUCK RENTAL	608.37	EST.	19	TON	SHARED USE PATH (TYPE IVS)
		75		75			DUST CONTROL WITH WATER	609.10	5	13	TON	ROUNDING
		8		8		LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28		530	TON	TOTAL
		80		80		LF	REMOVAL OF EXISTING CURB	616.41	8			
		10		10		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	618.11	1			
		4		4		EACH		619.17	-			
		75		75		LF	REMOVAL OF EXISTING FENCE	620.55	2			
		2		2		EACH	REMOVAL AND DISPOSAL OF GUIDE POSTS	621.81				
		50		50		HR	UNIFORMED TRAFFIC OFFICERS	630.10				
		300		300		HR	FLAGGERS	630.15	EST.			
		1		1		LS	MOBILIZATION/DEMOBILIZATION	635.11	-			
		1		1		LS	TRAFFIC CONTROL	641.10	-			
		1010		1010		LF		646.403	10			
									2			
		35		35		LF		646.413	<u> </u>			
		30		30		LF	DURABLE 24 INCH STOP BAR, EPOXY PAINT	646.483	4			
		2		2		EACH	DURABLE LETTER OR SYMBOL, EPOXY PAINT	646.493	-			
		2550		2550		SY	GEOTEXTILE FOR ROADBED SEPARATOR	649.11	34			
		125		125		SY	GEOTEXTILE FOR SILT FENCE	649.51				
			110	110		LB	SEED	651.15	EST.			
			230	230		LB	FERTILIZER	651.18	EST.			
			1	1		TON	AGRICULTURAL LIMESTONE	651.20	EST.			
			1	1		TON	HAYMULCH	651.25	EST.			
			230	230		CY	TOPSOIL	651.35	2			
			1	1		LS	EPSC PLAN	652.10	-			
									DD(↑ IFCT NIANA		FAST MONTPELIER PARK-AND-RIDE



PROJECT NAME: EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37)

FILE NAME: ...\drawing\zllk350frm.dgn
PROJECT LEADER: G. SANTY
DESIGNED BY: G. BURGMEIER
OUANTITY SHEET I

PLOT DATE: 5/2/2017 DRAWN BY: G. BURGMEIER CHECKED BY: G. SANTY SHEET I2 OF 42

STATE OF VERMONT AGENCY OF TRANSPORTATION

QUANTITY SHEET 2

						ТОТ			DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES
				ROADWAY	EROSION CONTROL	GRAND TOTAL	FINAL (UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES UNIT	ITEMS
					100	100		HR	MONITORING EPSC PLAN	652.20			
					1	1		LU	MAINTENANCE OF EPSC PLAN (N.A.B.I.)	652.30			
					1200	1200		SY	TEMPORARY EROSION MATTING	653.20	13		
					15	15		CY	TEMPORARY STONE CHECK DAM, TYPE I	653.25	3.1		
					20	20		CY	VEHICLE TRACKING PAD	653.35	5		
					4	4	Е	EACH	INLET PROTECTION DEVICE, TYPE I	653.40	-		
					925	925		LF	PROJECT DEMARCATION FENCE	653.55	20		
				68		68		SF	TRAFFIC SIGNS, TYPE A	675.20	0.17		
				105		105		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	-		
				4		4	E	EACH	REMOVING SIGNS	675.50	-		
				430		430		LF	WRED CONDUIT (2")(SCH 80)	678.23	9		
				400		400		LF	WRED CONDUIT (3")(SCH 80)	678.23	8		
				4		4	E	EACH	STREET LIGHT ASSEMBLY	679.46	-		
				1		1	E	EACH	POWER DROP STANCHION, STREET LIGHTING	679.55	-		
				1		1		LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	-		
				1		1	E	EACH	SPECIAL PROVISION (BICYCLE RACK)	900.620			
				4		4	E	EACH	SPECIAL PROVISION (ELECTRIC VEHICLE OUTLET, LEVEL 1)	900.620			
				2		2	E	EACH	SPECIAL PROVISION (JUNCTION BOX, HEAVY DUTY)	900.620			
				1		1	E	EACH	SPECIAL PROVISION (RELOCATE EXISTING PEDESTRIAN SIGNAL)	900.620			
				1		1		LS	SPECIAL PROVISION (BUS SHELTER)	900.645			
				1		1			SPECIAL PROVISION (MAT DENSITY PAY ADJUSTMENT, SMALL QUANTITY)	900.650			
									(N.A.B.I.)				
				1		1			SPECIAL PROVISION (MIXTURE PAY ADJUSTMENT) (N.A.B.I.)	900.650			
				530		530	7	TON	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY)	900.680			

PROJECT NAME: EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37)

FILE NAME: ...\drawing\zllk350frm.dgn
PROJECT LEADER: G. SANTY
DESIGNED BY: G. BURGMEIER
OUANTITY SHEET 2

PLOT DATE: 5/2/2017 DRAWN BY: G. BURGMEIER CHECKED BY: G. SANTY SHEET I3 OF 42

EARTHWORKS AGENCY OF TRANSPORTATION TOTAL EXCAVATION TOTAL EXCAVATION ROCK **SUMMARY AND BALANCES EMBANKMENT EMBANKMENT EMBANKMENT** EARTH AND ROCK **EXCAVATION** EARTH AND ROCK **EXCAVATION** EARTH AND ROCK **EXCAVATION** AREA VOLUME AREA VOLUME AREA VOLUME STATION DIST AREA VOLUME AREA VOLUME AREA VOLUME AREA VOLUME STATION DIST AREA VOLUME AREA VOLUME AREA VOLUME AREA STATION TO STATION EARTH & **EMBANK** ACUMULATIVE EXCESSES AREA VOLUME **EXCESSES** VOLUME **EXCAV** ROCK S.F. CUT FILL S.F. C.Y. S.F. C.Y. S.F. C.Y. S.F. C.Y. C.Y. S.F. C.Y. S.F. C.Y. S.F. C.Y. S.F. C.Y. S.F. C.Y. S.F. C.Y. C.Y. C.Y. C.Y. FILL S.F. 750 661 100+50.00 103+00.00 EAST MONTPELIER PARK-AND-RIDE 200+00.00 201+87.00 677 TOTALS 281 833 PARK-AND-RIDE: 0 100+30 23 43 100+75 44 14 69 109 101+50 CUT 202 25 12 100 ROCK 101+75 R.FAC 0.495 24 F.FAC 20 EX. F 123 100 13 102+75 11 103+00 PATH 200+00 21 50 20 ROCK 201+00 R.FAC 19 31 FILL 83 F.FAC 1.15 19 EX. F 201+87 **REMARKS** 281 EARTH AND ROCK EXCAVATION SOLID ROCK EXCAVATION 0 281 EARTH EXCAVATION 833 PLANIMETERED FILL LESS FACTORED SOLID ROCK LESS DISPLACEMENT OF ANY LARGE STRUCTURES NET PLANIMETERED FILL 833 1.15 **FACTOR** PLANIMETERED FILL INCLUDING FACTOR MATERIALS AVAILABLE FOR FILLS 281 EARTH EXCAVATION CHANNEL EXCAVATION UNDERDRAIN EXCAVATION STRUCTURE EXCAVATION TOTAL FILL INCLUDING FACTOR 281 TOTAL MATERIAL FOR FILL 677 EXCESS EXCAVATION

STATE OF VERMONT

PROJECT NAME: EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37)

FILE NAME:...\drawing\zllk350frm.dgn PROJECT LEADER: G. SANTY Stantec DESIGNED BY: G. BURGMEIER EARTHWORKS SHEET

PLOT DATE: 5/2/2017 DRAWN BY: G. BURGMEIER CHECKED BY: G. SANTY SHEET 14 OF 42

STATE OF VERMONT AGENCY OF TRANSPORTATION

PARKING LOT BASELINE STATIONS = PL ____ ROUTE 14 ENGLISH STATIONS IN (PARENTHESES)

RIGHT - OF - WAY DETAIL SHEET

LAPERLE, CLAIRE							1 OF TRANSFORTATION	T
NO.	OF PROPERTY ACQUISITION	ABLE OF PRO	T <i>P</i>					
1 LAFERLE, NORMANA AND 1 VT 14 483-498 RT VT 14 465-12 RT CONSTRUCTION (T) 1984 SF W.2 MONTO VT 14 465-12 RT V	AINDER RIGHT RECORDING DATA REMARKS	REMAINDER	TAKE	ENDING STATION	BEGINNING STATION	LAYOUT	PROPERTY OWNER	
3 TOWN OF EAST MONTPELIER 1 4 GREEN MOUNTAIN POWER CORP. PL 100-35.70 RT (VT 14 461-487.0 RT) (VT 14 468-21.5 RT) 5 TELEPHONE OPERATING COMPANY OF VERMONT, LLC (VT 14 461-487.0 RT) (VT 14 468-21.5 RT) 6 CHARTER COMMUNICATIONS, INC. PL 100-35.70 RT (VT 14 468-21.5 RT) 7 THEODORE G. HEDGES & SONS, INC. PL 100-35.70 RT (VT 14 468-21.5 RT)	THE TYP ANDAY TAKEN DATE TOWNYOUT BOOK PAGE		AREA±	VT 14 465+21.5 RT	VT 14 465+36.15 RT	1		
4 GREEN MOUNTAIN POWER CORP. PL 100+35.70 RT (VT 14 461+87.0 RT) (VT 14 461+87.0 RT) (VT 14 465+21.5 RT) 5 TELEPHONE OPERATING COMPANY OF VERMONT, LIC (VT 14 461+87.0 RT) (VT 14 465+21.5 RT) 6 CHARTER COMMUNICATIONS, INC. PL 100+35.70 RT (VT 14 465+21.5 RT) 7 THEODORE G. HEDGES & SONS, INC. PL 100+35.70 RT PL 103+27.49 LT (VT 14 461+87.0 RT)	INSTALL & MAINTAIN (P) SHARED USE PATH	INS		VT 14 462+08.54 RT	VT 14 460+68.20 RT	1,2	TOWN OF EAST MONTPELIER	2
(VT 14 461+87.0 RT)						1	TOWN OF EAST MONTPELIER	3
OF VERMONT, LLC (VT 14 461+87.0 RT) (VT 14 465+21.5 RT) 6 CHARTER COMMUNICATIONS, INC. PL 100+35.70 RT PL 103+27.49 LT (VT 14 461+87.0 RT) (VT 14 465+21.5 RT) 7 THEODORE G. HEDGES & SONS, INC. PL 100+35.70 RT PL 103+27.49 LT UTILITY							GREEN MOUNTAIN POWER CORP.	4
7 THEODORE G. HEDGES & SONS, INC. PL 100+35.70 RT PL 103+27.49 LT UTILITY	UTILITY							
	UTILITY						CHARTER COMMUNICATIONS, INC.	6
	UTILITY							7

	T	ABLE OF REVISIONS	
REVISION NO.	ROW SET SHEET#	DESCRIPTION	DATE
1	4	PARCEL 1: ADD THE HOUSE FOOTPRINT,	05/26/15
		LOCATION OF TWO (2) EXIST. ARTESIAN	
		WELLS TO BE MONITORED DURING CONSTRUCTION, & APPROX. LOCATION	
		OF TWO (2) WATERLINES	
		PER C.O. 10012	
		MADE BY: STANTEC APPROVED BY:HP	
2	3,4	PARCEL 2: CHANGE OWNER NAME TO	12/09/15
		TOWN OF EAST MONTPELIER; NO RIGHTS NEEDED (TOWN PROJECT)	
		PER C.O. 10060	
		MADE BY: STANTEC APPROVED BY:HP	
3	3,4	PARCEL 3: CHANGE OWNER NAME TO	08/19/16
<u> </u>	0,4	TOWN OF EAST MONTPELIER; NO RIGHTS	00/13/10
		NEEDED (TOWN PROJECT)	
		MADE BY: STANTEC APPROVED BY:HP	
		MADE BY: STANIEC AFFROVED BY:HE	
4	4,4A	PARCEL 2: TOWN OF EAST MONTPELIER ADD INSTALL & MAINTAIN (P) - SHARED USE PATH	02/17/17
		MADE BY: STANTEC PER C.O. 10203	
		APPROVED BY: RC	
	ı		

PROJECT NAME: E. MONTPELIER PARK AND RIDE

PROJECT NUMBER: CMG PARK (37)

FILE NAME: PLOT DATE: 5/2/2017

PROJECT LEADER

PROJECT LEADER: G. SANTY
DESIGNED BY: D. HARRINGTON
R.O.W. DETAIL SHEET 1

DRAWN BY: D. HARRINGTON
CHECKED BY: H. PETROVS
SHEET 15 OF 42

NOTES:
I. R.O.W. LIMITS SHOWN ARE BASED ON PROJECT
E. MONTPELIER STPG 028-3 (35) S.

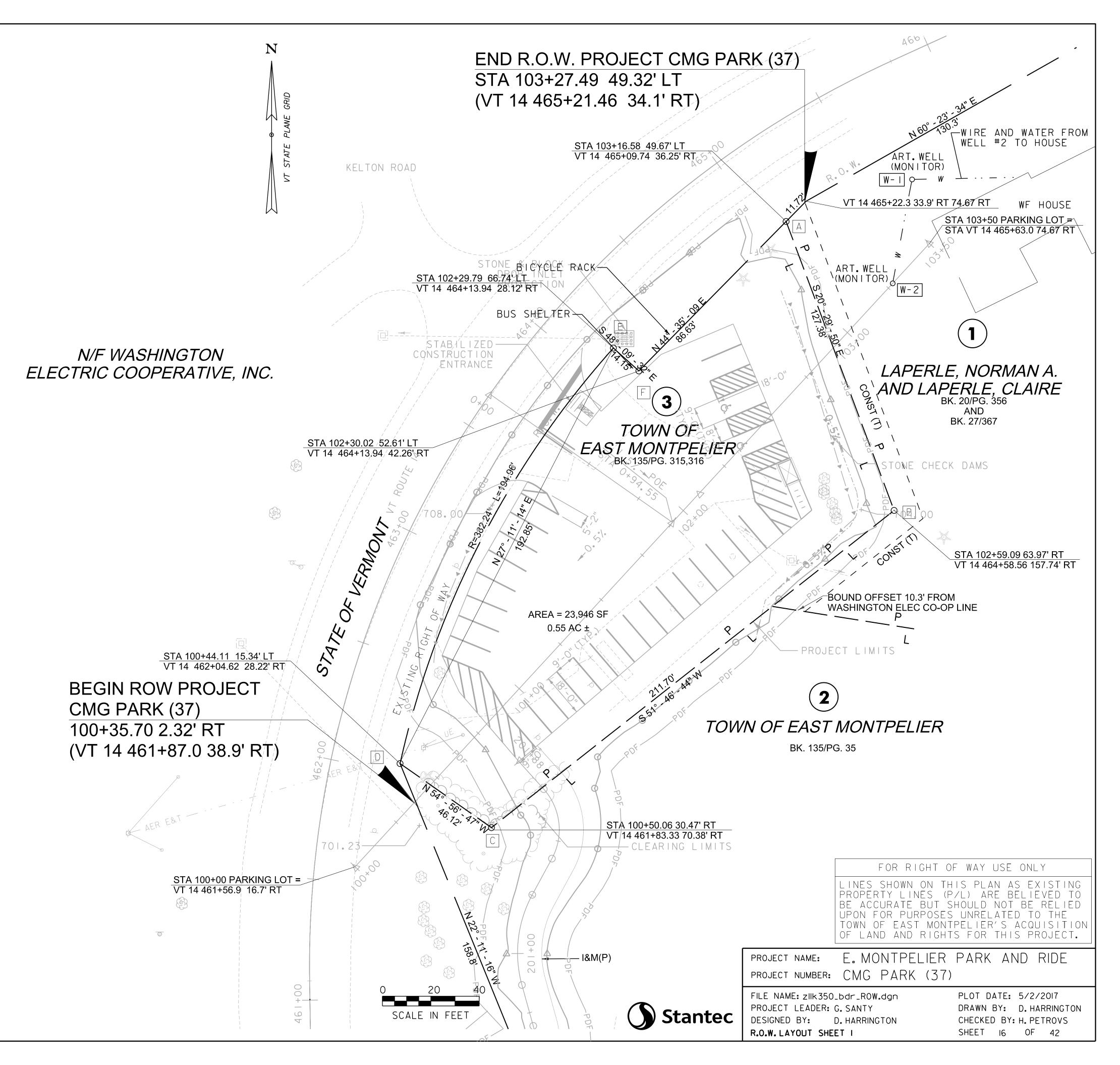
2. THE ABOVE REFERENCED PROJECT WAS A METRIC PROJECT. THE CURRENT PARK AND RIDE PROJECT IS IN ENGLISH UNITS. A CONVERSION WAS MADE FROM METRIC TO ENGLISH IN ORDER TO CORRELATE THE PRIOR PROJECT'S ROW INFORMATION INTO THE PARK AND RIDE PROJECT.

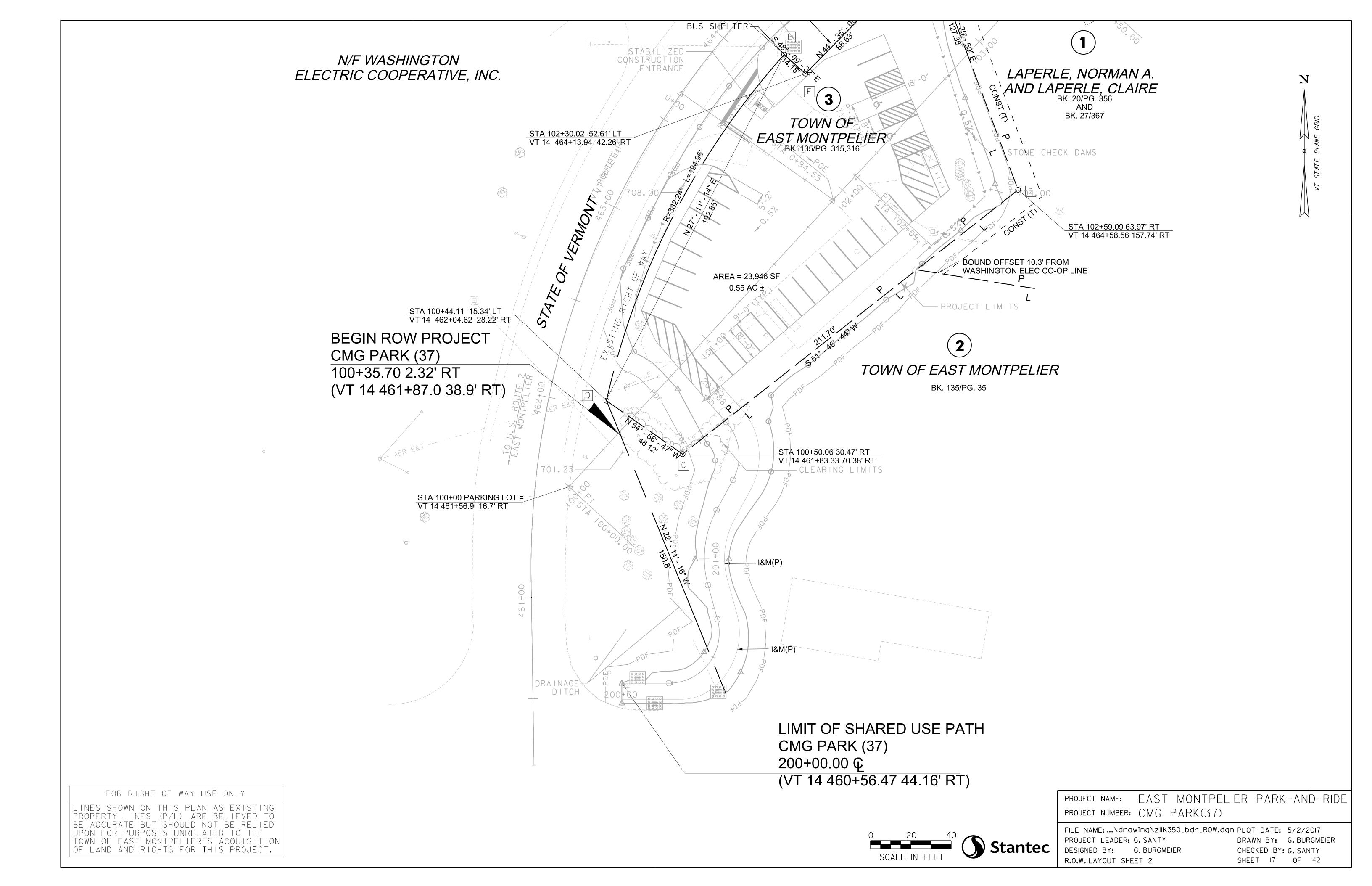
3. THE WASHINGTON ELECTRIC PARCEL SHOWN BELOW WAS PARCEL 15A OF THE ABOVE MENTIONED PROJECT.

4. PARCEL 3 PROPERTY LINES AND SURVEY INFORMATION WERE SUPPLIED FROM VTRANS AS USED IN PROJECT STPG 028-3 (35) S AND FROM DEED INFORMATION.

PARCEL 3 STATION AND OFFSET REFERENCE

	PROJECT BASELINE	RT 14 BASELINE ENGLISH UNITS	RT 14 BASELINE METRIC UNITS
A	103+16.58	465+09.74	4+ 76. 7
	49.70′LT	36.25′ RT	1.05M RT
В	102+59.09	464+58.56 (BND)	4+ 60.57
	63.97′ RT	157.74′ RT	48.08M RT
С	100+50.06	46 +83.33 (P)	4+076.68
	30.47′RT	70.38′ RT	2 .45M RT
D	100+43.94	462+04.62	4+083. 7
	15.24′LT	28.22′ RT	8.60M RT
E	102+29.79	464+13.94	4+ 46.97
	66.74′LT	28.12′RT	8.57M RT
F	102+30.00	464+13.94	4+ 46.97
	52.59′LT	42.26′ RT	2.88M RT





LAYOUT	POINT SUMMARY	7									
LEGEND: LP#	X = LAYOUT POINT #X										
	PT OF 15' RADIUS										
LAYOUT POINT	DESCRIPTION	COORDINATES	BASELINE 2 STATION								
I	WEST END OF PARKING LOT	N: 645851.76 E: 1644159.12	STA. 100+80.24, 00.00′ LT/RT								
2	EAST END OF PARKING LOT	N: 645979.37 E: 1644276.77	STA. 102+53.79, 00.00′ LT/RT								
3	CORNER OF LOT	N: 645864.96 E: 1644147.80	STA. 100+82.25, 17.26' LT								
4	CORNER OF LOT	N: 645879.95 E: 1644140.65	STA. 100+88.43, 32.69' LT								
5	CORNER OF LOT	N: 645915.85 E: 1644155.40	STA. 101+24.82, 46.18′ LT								
6	CORNER OF LOT	N: 645951.72 E: 1644175.96	STA. 101+65.13, 55.37' LT								
7	PCC OF 40' & 15' RADIUS	N: 645951.84 E: 1644167.47	STA. 101+59.46, 61.69′ LT								
8	PC OF 40' RADIUS	N: 645944.66 E: 1644153.42	STA. 101+44.66, 67.16′ LT								
9	CORNER OF LOT	N: 645980.86 E: 1644206.38	STA. 102+07.17, 52.75′ LT								
10	PC OF 30' RADIUS	N: 646007.08 E: 1644198.69	STA. 102+21.24, 76.19′ LT								
	CORNER OF LOT	N: 646016.89 E: 1644260.90	STA. 102+70.62, 37.09' LT								
12	CORNER OF LOT	N: 646004.29 E: 1644231.12	STA. 102+41.17, 50.45' LT								
13	CORNER OF LOT	N: 645940. 03 E: 1644293. 40	STA. 102+36.14, 38.90' RT								
14	CORNER OF LOT	N: 645836.27 E: 1644172.39	STA. 100+77.83, 20.26' RT								

DEMOLITION AND DISPOSAL OF BUILDING STA. 101+30, RT TO 102+11, RT

REMOVAL OF EXISTING CURB

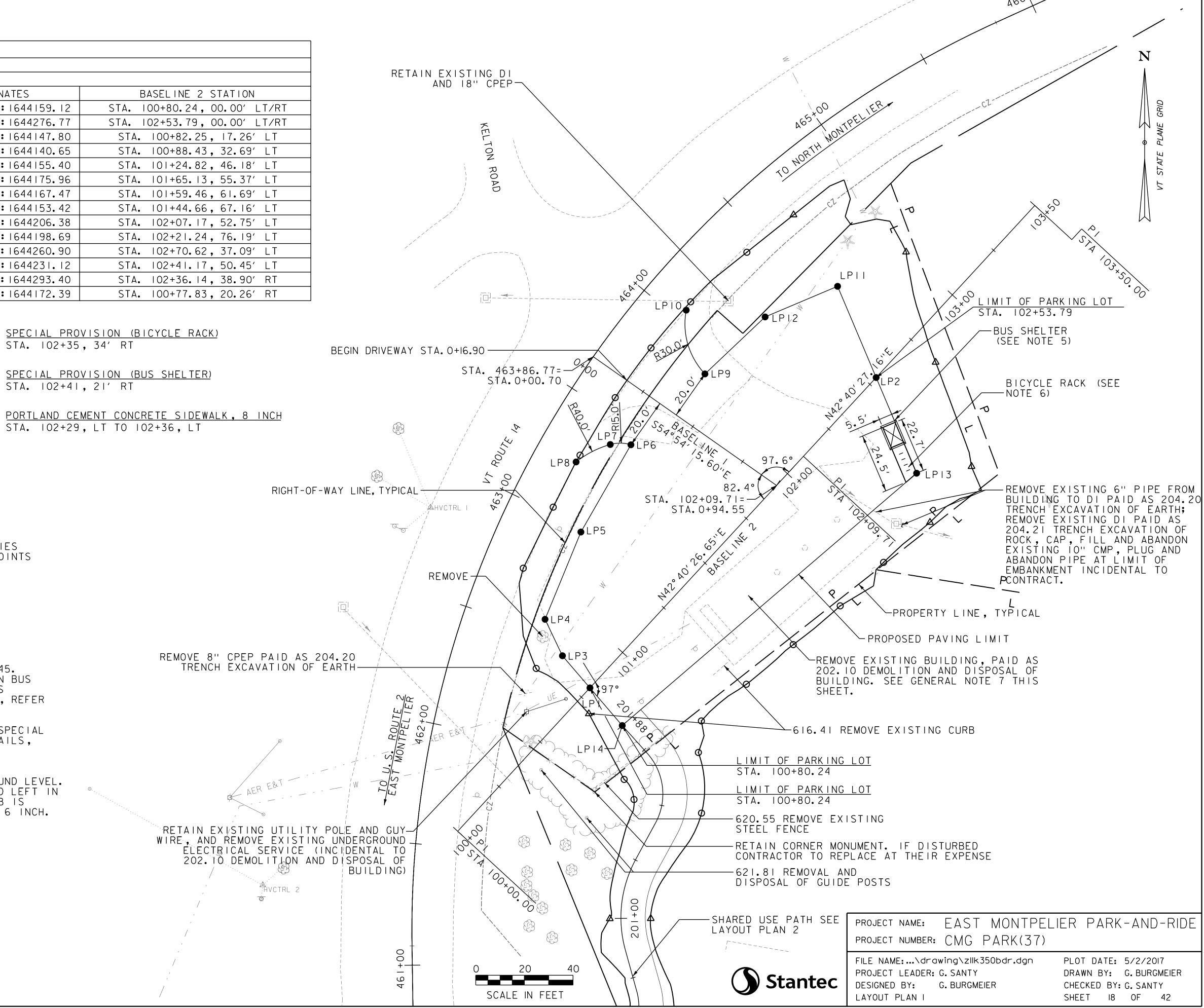
STA. 100+46.68, 6.47' RT - 100+89.62, 36.45' RT STA. 101+18.34, 33.71' RT - 101+27.43, 34.61' RT

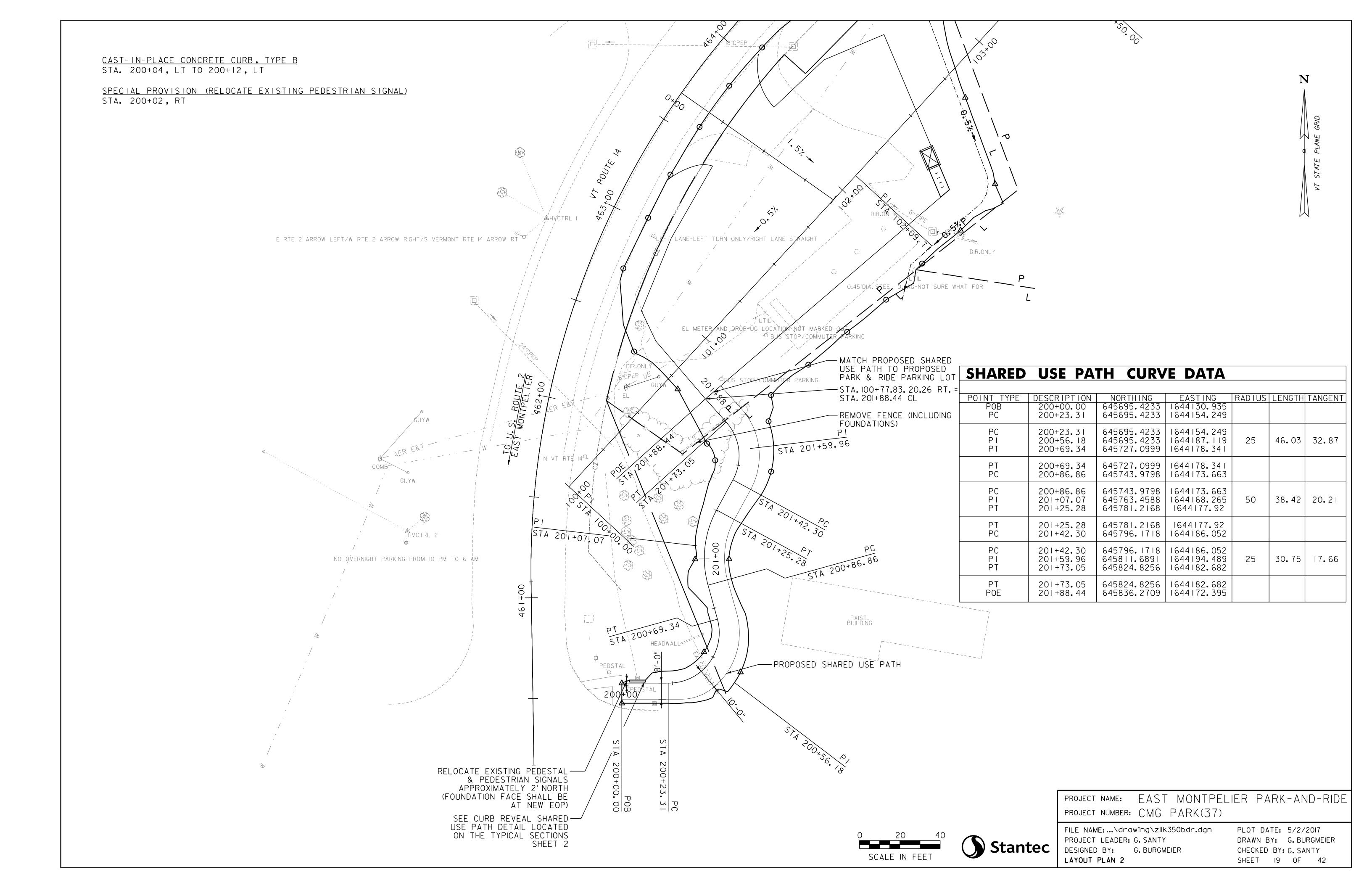
REMOVAL OF EXISTING FENCE STA. 100+45.16, 3.05' LT - 100+89.62, 36.45' RT

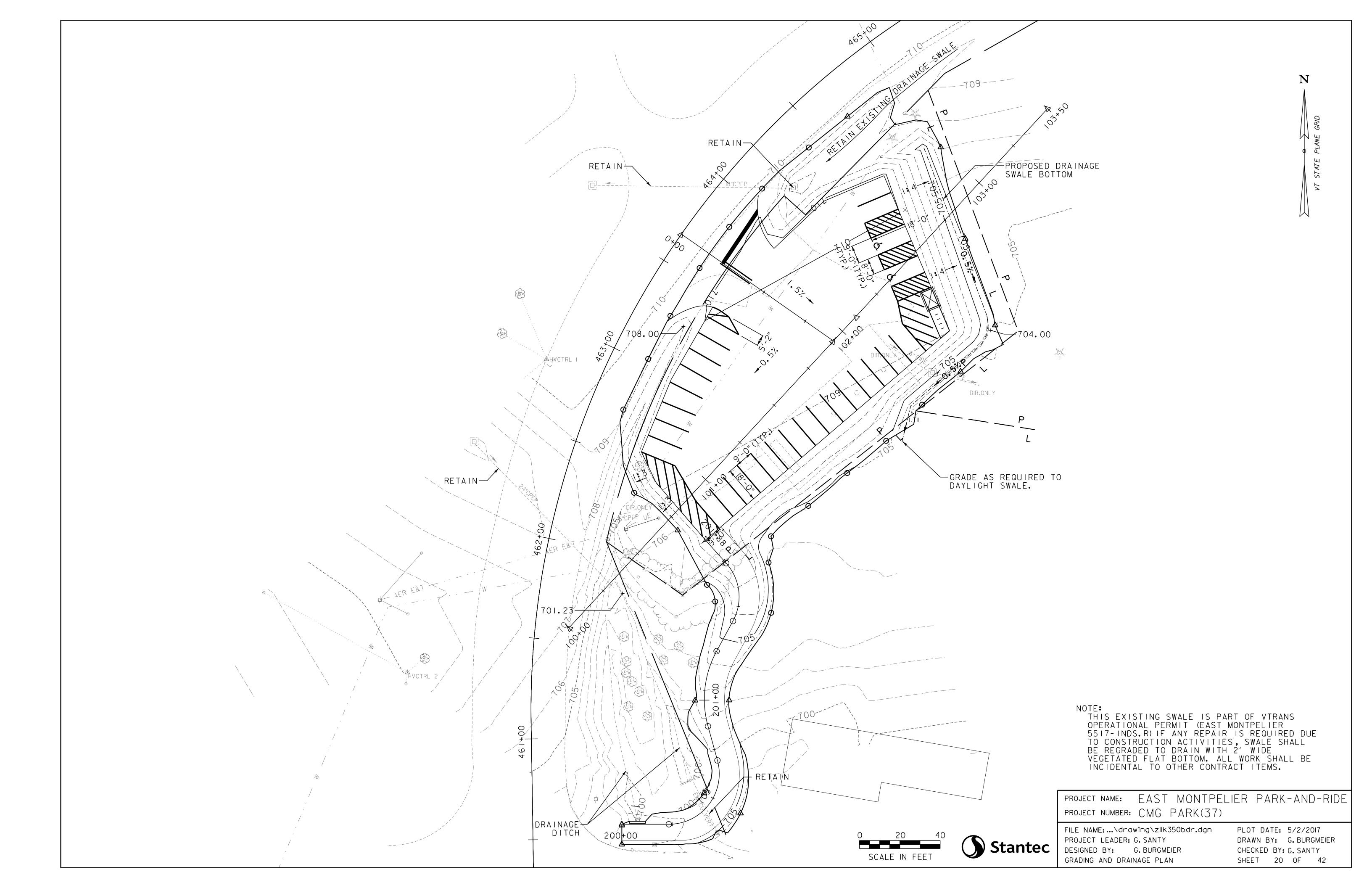
REMOVAL AND DISPOSAL OF GUIDE POSTS STA. 100+40.00, 35.28' RT STA. 100+41.83, 8.16' RT

GENERAL NOTES:

- I. FOR A SUMMARY OF CONTROL POINTS AND TRAVERSE TIES SEE PROJECT TIE SHEET. FOR ALIGNMENT LAYOUT POINTS SEE LAYOUT POINT SUMMARY TABLE ABOVE.
- 2. FOR SIGNS AND PAVEMENT MARKINGS SEE SIGNING AND PAVEMENT MARKING PLAN.
- 3. FOR PARK-AND-RIDE LIGHTING SEE LIGHTING PLAN.
- 4. DURING CONSTRUCTION THE EXISTING PARK-AND-RIDE SHALL BE CLOSED TO ALL TRAFFIC.
- 5. THE BUS SHELTER SHALL BE PAID UNDER ITEM 900.645. SPECIAL PROVISION (BUS SHELTER). SEE DETAILS ON BUS SHELTER DETAIL SHEETS. FOR DETAIL OF PAY LIMITS UNDER THE SPECIAL PROVISION (BUS SHELTER) ITEM, REFER TO BUS SHELTER DETAIL SHEETS.
- 6. THE BICYCLE RACK SHALL BE PAID FOR AS 900.620 SPECIAL PROVISION (BICYCLE RACK). FOR BICYCLE RACK DETAILS, SEE DETAILS SHEET.
- 7. EXISTING BUILDING:
 FOUNDATION WALLS TO BE REMOVED TO EXISTING GROUND LEVEL.
 CONCRETE SLAB SHALL BE FRACTURED, COMPACTED AND LEFT IN
 PLACE. NO EXCAVATION OF THE FOUNDATION AND SLAB IS
 PERMITTED. MAXIMUM DIAMETER FRACTURED CONCRETE 6 INCH.







466+00 DURABLE 4" WHITE LINE, EPOXY PAINT DURABLE 24" STOP BAR, EPOXY PAINT REMOVING SIGNS AS SHOWN - 4 STA. 100+83 TO 102+75, SOLID LT & RT STA. 0+25, LT (26 FEET) STA. 102+66, LT (PARKING SPACES AND DIAGONALS) DURABLE LETTER OR SYMBOL, EPOXY PAINT STA. 102+36, LT & DURABLE 4" YELLOW LINE, EPOXY PAINT STA. 102+43, LT & STA. 0+26 TO 0+42, LT (DOUBLE CENTERLINE) LEVEL 1 MOUNT ON LIGHT POLE STA. 102+61, LT RESERVED PARKING ROAD VAN ACCESSIBLE STA. 0+26, LT [STOP] ŚTĄ<u>. 102+52,</u>RT RESERVED PARKING STA. 101+54, STA. 101+50, LT PARK -RIDE VAN ACCESSIBLE PARK -E V NO PARKING AREA MARKING DETAIL B-B LEVEL 1 102+21, RT MOUNT ON LIGHT POLE CAR POOL INFO INFO Connectingcommuters.org ROUZE 1-800-685-RIDE (7433) STA 101+20, LT -DURABLE 4" WHITE LINE ONLY -DURABLE 4" WHITE LINE 100+83, LT RET 1<u>02+13, RT</u> NO IDLING PROHIBITED A SELVENTON OF THE PROPERTY OF Turn Off Your Engine COLDHOT WEATHER EXCEPTIONS OVERNIGHT CAMPING ABANDONED VEHICLES VAN ACCESSIBILITY PAVEMENT COMMERCIAL ENTERPRISE MARKING DETAIL \$500 FINE FOR THROWING TRASH ON HIGHWAYS STA. 101+22, RT STA. 101+94, RT AND STREAMS EAST MONTPELIER

462+00 LEVEL 1 STA. 100+90, RT STA. 101+21, RT MOUNT ON LIGHT POLE TYPICAL FOR ALL LIGHT POLES BUS STOP Commuter STA_100+16,_LT Parking NORTH CONTRACTOR VERMONT TO RETURN SIGNS TO BUSING ___COMPANY____ <u>NOTES</u> 0 I. FOR ANY TOWN HIGHWAY OR STREET DETAILS, SEE VAOT STANDARD E-193. EAST MONTPELIER PARK-AND-RIDE PROJECT NAME: SIGN LEGEND PROJECT NUMBER: CMG PARK(37) 2. FOR PAVEMENT MARKING DETAILS, SEE VAOT STANDARDS E-191, E-192, & E-193. N = NEW00 R = REMOVE FILE NAME:...\drawing\zllk350bdr.dgn PLOT DATE: 5/2/2017 RET = RETAIN PROJECT LEADER: G. SANTY **Stantec** DRAWN BY: G. BURGMEIER B-B = BACK-TO-BACK DESIGNED BY: G. BURGMEIER CHECKED BY: G. SANTY SCALE IN FEET TRAFFIC SIGNS & PAVEMENT MARKINGS PLAN SHEET 21 OF 42

STATE OF VERMONT AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

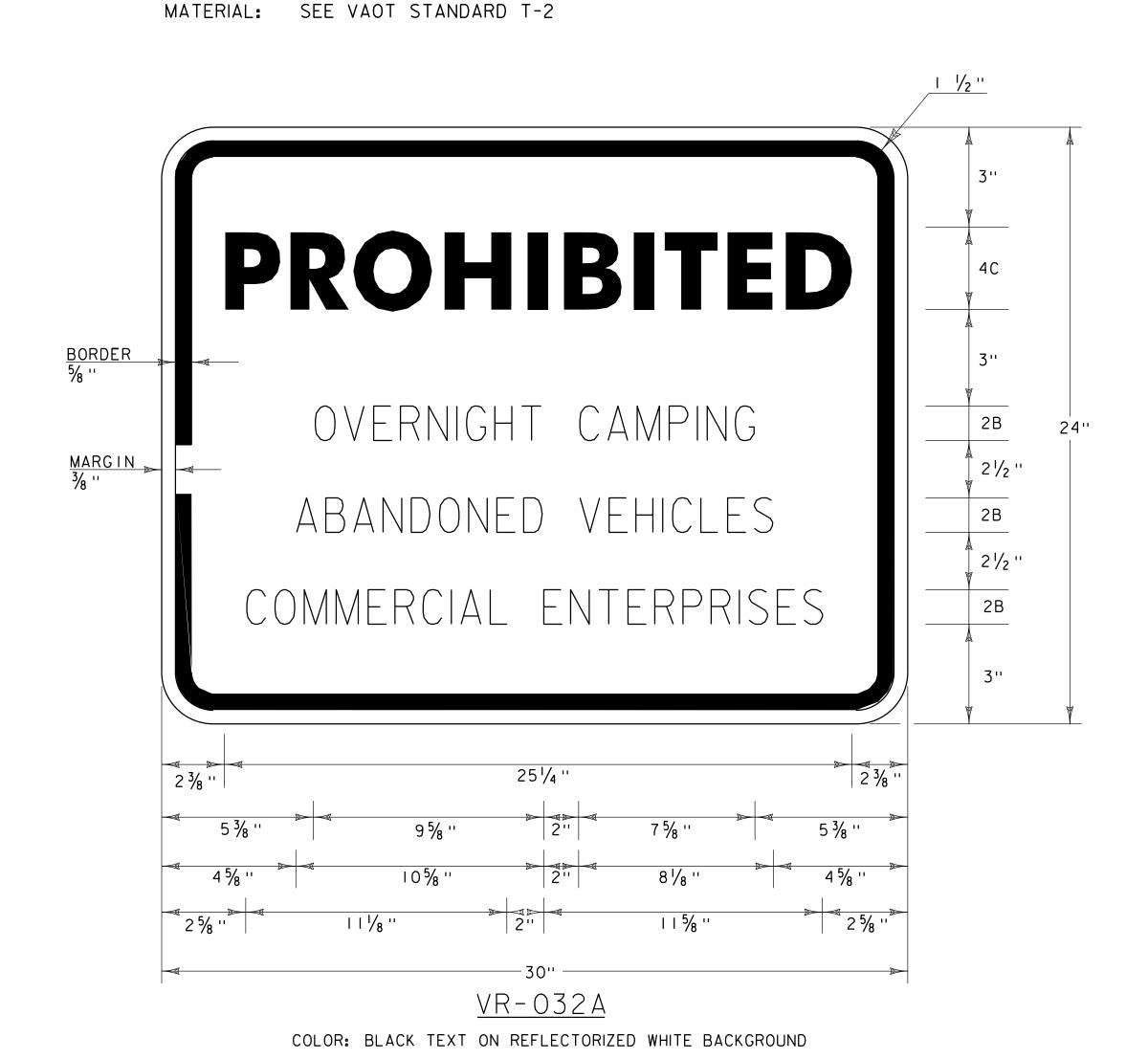
MILEMARKER,		SIGN DIMENSI		NEW &	SALVAC	GED SIGNS	EXIST POST	NO. FLANG	ED		UARE STEEL		NEW SIGN POSTS TUBULAR ALUMINUM Ø (in)			3	TUBUL A	R STEEL			W-SHAPE ST	EEL	T R			SIGN DETAIL	
STATION, OR SIGN NUMBER SIGN NUMBER SIGN LEGEND E WIDTH HEIGHT (in) (in) (in) (in) (in)	RETALVAGE	OF CHANN P 0 S Ib/f S 1.12 2.0	1.75	(in 5 2.6 b) (in 8 2.4	2.5	A S N L C E H E O V R	3.0	4.0 lb/ft	4.0 MOD F	FOUND- ATION	3.0	3.5 4.0		FTG.	WEIGHT	POST (FRAME DISNE	REMARKS	DETAIL IN SHSM BOOK	DETAIL ON SHEET NUMBER	STD. SHEE NUMBE						
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100+83 , LT	\$ 500 FINE THROWING TRASH ON HIGHWAYS AND STREAMS	1 24	30	5.00							15	X											VR-C	23B			E-144
IOI+54, LT	PARK - RIDE	I 30 I 30	36 36	7.50 7.50						15		X											INST	ALL SIGNS BACK-TO-BACK		23 23	
102+21 , RT	CAR POOL INFO Connectingcommuters.org 1-800-685-RIDE (7433)	1 30	30	6.25				I		15		X											SEE	TRAFFIC SIGN DETAIL SHEET		23	
I02+I3, RT	NO IDLING Turn Off Your Engine COLING WARHE DICEPIONS:	I 24	30	5.0				I		15		X											SEE	TRAFFIC SIGN DETAIL SHEET		23	
102+52, RT	RESERVED PARKING VAN ACCESSIBLE	l l2	18	1.50 0.50				1		15		X													R7-8 R7-8P		
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	VAN ACCESSIBLE	1 12	6	0.50																					R7-8P		
101+22, RT 101+50, LT 101+94, RT 102+66, LT	LEVEL 1	4 24	32	21.33																			INST	ALL SIGNS ON LIGHT POLES		23	
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SHSM"-STANDARD	HIGHWAY SIGNS AND MARKINGS	S						FT FT	FT FT	F 90	T FT) 15	E	A LB	LB	LB		LB	LB LB	LB	,			1	PROJECT NAME: EAST MC	ONTPELIER RK(37)	PARK-A	ND-RIC
THE FIELD. POST NFORMATION FUR	STHS ARE TO BE DETERMINED SIZES ARE COMPUTED BASED NISHED ON THE STANDARD SHE "SIGN POST DESIGN GUIDELINE	ON EETS TO	TALS	SF 68	SF	EA. SF		FT		1	FT 105	<u> </u>		LB		EA.		LB		EA.	EA. LB	St	tanted	FILE NAME:\drawing\zllk350+yp.dgi PROJECT LEADER: G. SANTY DESIGNED BY: G. BURGMEIER TRAFFIC SIGN SUMMARY SHEET	DRAWN CHECK	DATE: 5/2/ N BY: P,AR ED BY: G.S/ 22 OF	MATA ANTY

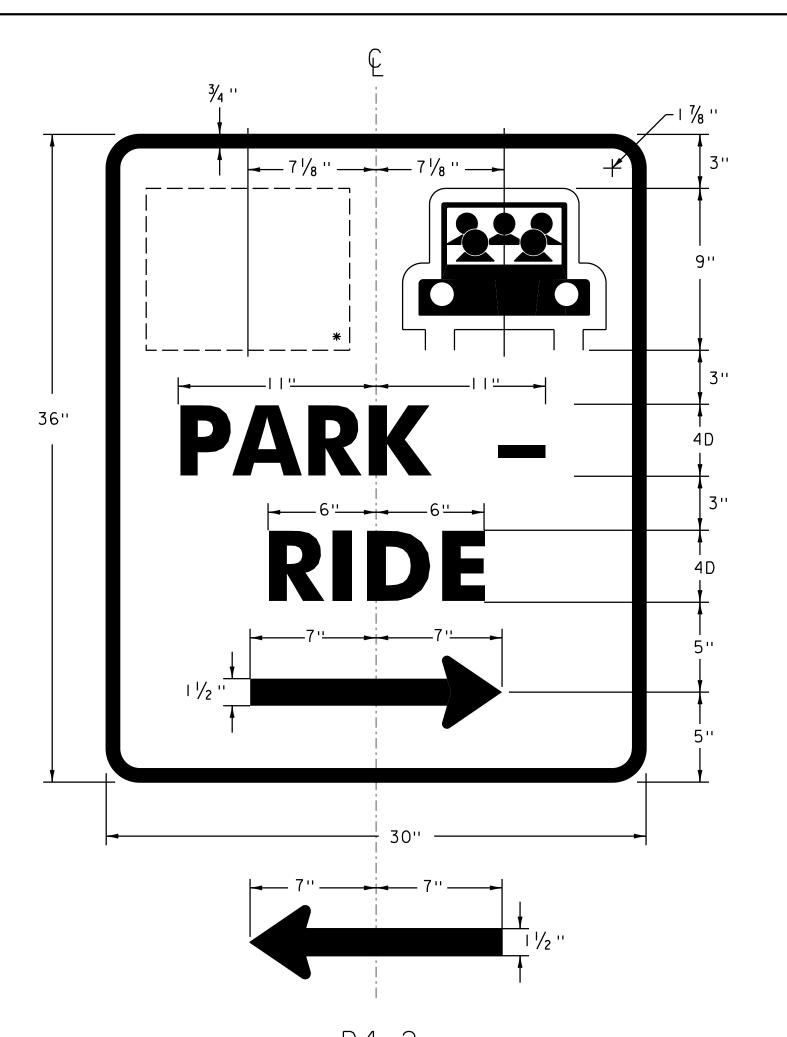


LOCATION:

COLOR:

WHITE BORDER AND TEXT (RETROREFLECTIVE)
BLUE BACKGROUND (RETROREFLECTIVE)



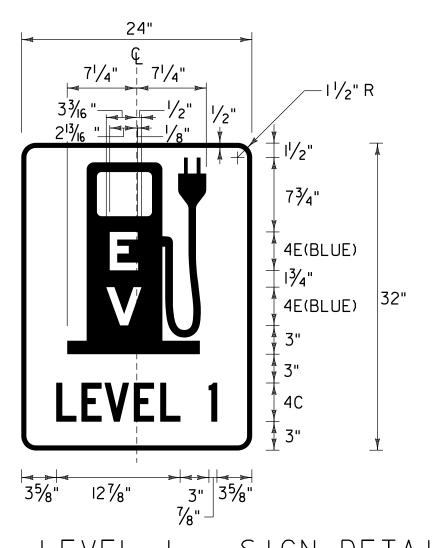


D4-2

COLOR: WHITE (REFL.) LEGEND, ARROW & BORDER
WHITE & GREEN SYMBOL
GREEN (REFL.) BACKGROUND

*AREA DESIGNATED FOR TRANSIT PICTOGRAPH

NOTE: THE TRANSIT PICTOGRAPH WILL BE PROVIDED TO THE CONTRACTOR BY THE TRANSIT COMPANY ASSOCIATED WITH THE CORRESPONDING PARK AND RIDE IN JPEG FORMAT.



EV OUTLET, LEVEL I - SIGN DETAIL

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)

(MINIMUM TYPE IX) WITH BLUE BACKGROUND

(RETROREFLECTIVE) (MINIMUM TYPE III)

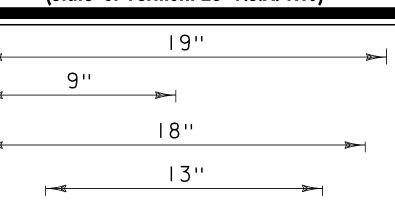
NO IDLING

Turn Off Your Engine

COLD/HOT WEATHER EXCEPTIONS:

-Truck sleeper berth

-Passenger car occupants while resting (State of Vermont 23 V.S.A. 1110)



24"×30";

1.500" Radius, 0.625" Border, 0.375" Indent, Black on White; "NO IDLING" D 2K; "Turn Off" C 2K;

- "COLD/HOT WEATHER EXCEPTIONS: " C 2K specified length (19");
- "-Truck sleeper berth" B 2K specified length (9");
- "-Passenger car occupants while resting" B 2K specified length(18");

"(State of Vermont 23 V.S.A." B 2K"&" Arial Narrow "IIIO)" B 2K specified length(I3");

TRAFFIC SIGN NOTES

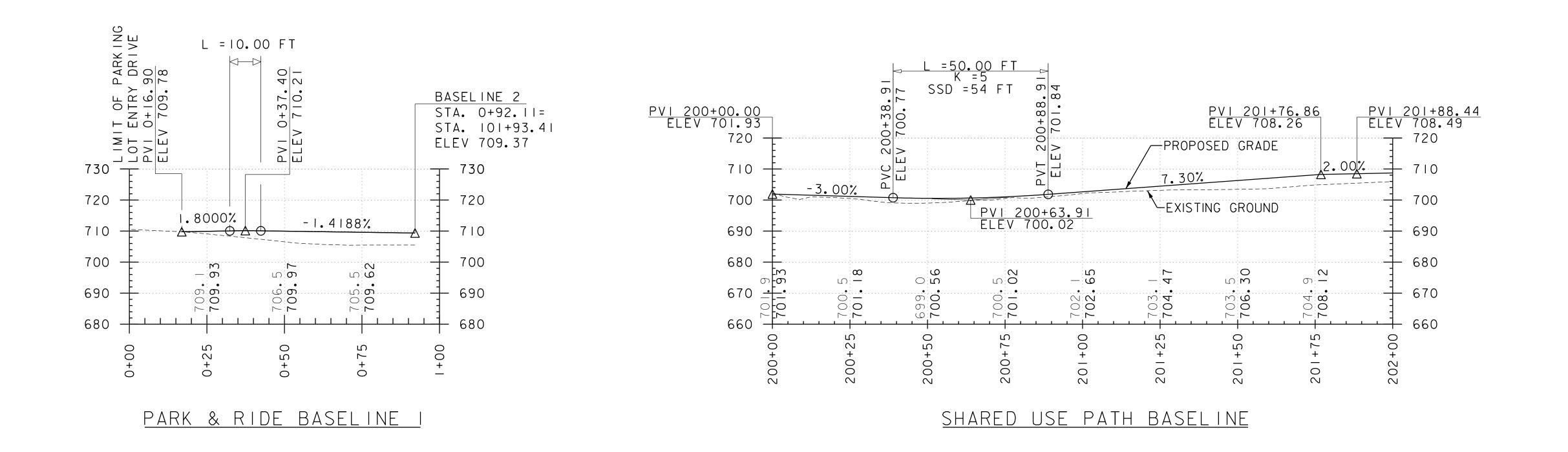
- ALL SIGN LETTERING, DIGITS, ARROWS, AND DESIGN OF SYMBOLS FOR SIGNS REFERENCED IN THESE PLANS SHALL CONFORM WITH THE "STANDARD ALPHABET FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" AS ADOPTED BY THE U.S. DEPARTMENT OF TRANSPORTATION AND THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) UNLESS OTHERWISE DETAILED WITHIN THESE PLANS.
- 2. ALL COLORS SHALL CONFORM WITH THE STANDARD COLORS ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) AND APPROVED BY FHWA UNLESS OTHERWISE NOTED.
- 3. ALL SHEETING SHALL BE TYPE III MINIMUM PER 750.08 RETROREFLECTIVE SHEETING.
- 4. UNLESS OTHERWISE DETAILED ON THE PLANS, ALL SIGN BASE MATERIALS SHALL BE FLAT SHEET ALUMINUM WITH THE FOLLOWING MINIMUM THICKNESSES:

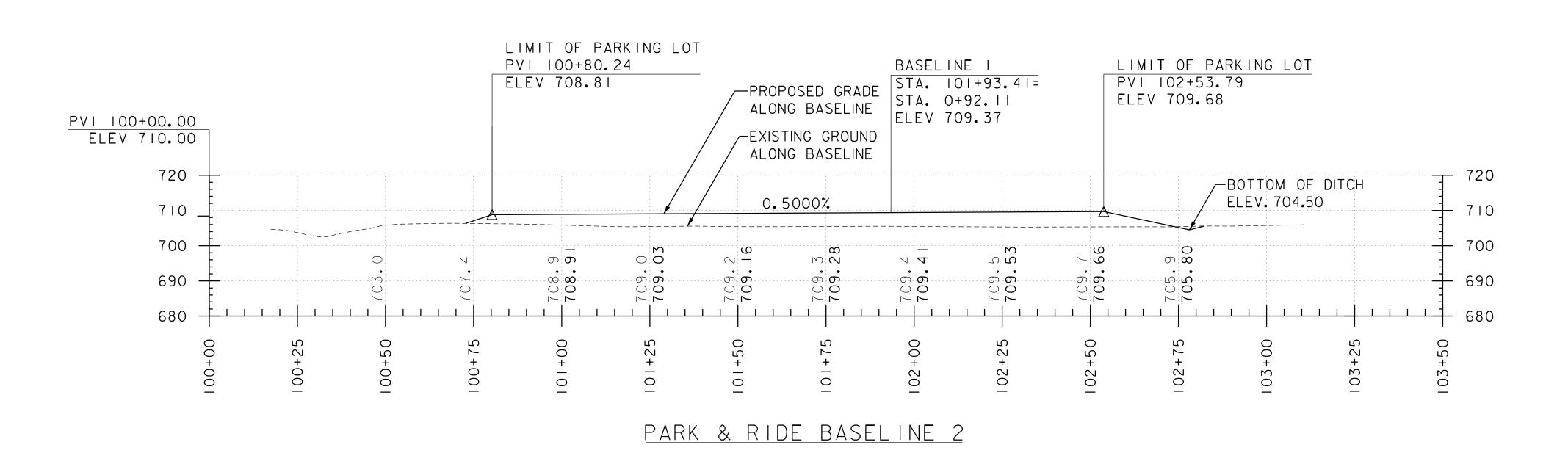
SIZES			36" X 12"	
		24" X 10"	36" X 15"	
		24" X I2"	42" X I2"	
		30" X I2"	48" X I2"	
		24" X 18"	36" X 18"	
		24" X 24"	54" X I2"	48" X 18"
		24" X 30"	36" X 24"	48" X 24"
	9" X 12"	30" X 15"	30" X 42"	48" X 30"
	I2" X I2"	30" X 18"	36" X 36"	48" X 42"
	18" X 18"	30" X 30"	36" X 48"	48" X 48"
	2I" X 15"	30" X 42"	36" X 54"	48" X 60"
THICKNESS	0.080"	0.080"	0.100"	0.125"

PROJECT NAME: EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37)



FILE NAME:...\drawing\z|k350typ.dgn PLOT DATE: 5/2/2017
PROJECT LEADER: G. SANTY DRAWN BY: P,ARMATA
DESIGNED BY: G. BURGMEIER CHECKED BY: G. SANTY
TRAFFIC SIGN DETAIL SHEET SHEET 23 OF 42





NOTES:

- I. ELEVATIONS SHOWN TO THE NEAREST TENTH ARE EXISTING GROUND ALONG PROFILE GRADE LINE.
- 2. ELEVATIONS SHOWN TO THE NEAREST HUNDRETH ARE FINISH GRADE ALONG PROFILE GRADE LINE.
- 3. ELEVATIONS AND STATIONS ARE IN FEET.

PROJECT NAME: EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK (37)

FILE NAME: zIIK350pro.dgn
PROJECT LEADER: G. SANTY
DESIGNED BY: G. BURGMEIER
PROFILE SHEET

PLOT DATE: 5/2/2017
DRAWN BY: P.ARMATA
CHECKED BY: G. SANTY
SHEET 24 OF 42

EPSC PLAN NARRATIVE

1.1 PROJECT DESCRIPTION

THIS PROJECT IS LOCATED ON VT ROUTE 14 IN THE TOWN OF EAST MONTPELIER, NEAR THE INTERSECTION OF ROUTE 14 NORTH AND U.S. ROUTE 2. WORK TO BE PERFORMED ON THIS PROJECT INCLUDES THE CONSTRUCTION OF A NEW 27 SPACE PARK-AND-RIDE LOT, SHARED USE PATH, SUBBASE, PAVEMENT, PAVEMENT MARKINGS, LIGHTING, LANDSCAPING, BUS SHELTER AND MISCELLANEOUS APPURTENANCES.

NOTE: AREA OF DISTURBANCE SHALL INCLUDE LIMITS OF EARTH DISTURBANCE WITHIN THE PROJECT AREA, INCLUDING ANY WASTE, STAGING AND BORROW AREAS WITHIN OR DIRECTLY ADJACENT TO THE PROJECT LIMITS.

TOTAL AREA OF DISTURBANCE IS APPROXIMATELY 0.76 ACRES.

IT IS ANTICIPATED THAT THIS PROJECT WILL LAST ONE CONSTRUCTION SEASON.

1.2 SITE INVENTORY

1.2.1 OFF SITE DRAINAGE CHARACTERISTICS (UP AND DOWN-GRADIENT)

THE SITE SLOPES AWAY FROM VT ROUTE 14 AT GRADES RANGING FROM 2-15%. VEGETATION CONSISTS OF GRASS AND SCRUB BRUSH. THE SITE RECEIVES MINIMAL RUNOFF FROM OFFSITE AREAS. STORM WATER RUNOFF FROM THE PROJECT WILL FLOW IN A SOUTHERLY DIRECTION THROUGH OPEN SWALES AND ACROSS A NATURALLY VEGETATED AREA BEFORE CROSSING THROUGH AN EXISTING CULVERT UNDER ROUTE 2 AND INTO THE WINOOSKI RIVER. ONE EXISTING CATCH BASIN AT THE NORTH END OF THE SITE DRAIN UNDER ROUTE 14 AND DISCHARGE TO THE WINOOSKI RIVER. THIS CATCH BASIN DRAINS MOSTLY OFF-SITE FLOW. BUT MAY RECEIVE RUNOFF FROM THE WORKZONE.

1.2.2 DRAINAGE, WATERWAYS, BODIES OF WATER, AND PROXIMITY TO NATURAL OR MAN-MADE WATER FEATURES

WINOOSKI RIVER IS LOCATED APPROXIMATELY 700' SOUTH EAST OF THE SITE, AND FLOWS NORTH TO THE SOUTH.

1.2.3 TOPOGRAPHY, EXISTING ROADS, BUILDINGS, UTILITIES

VT ROUTE 14 BORDERS THE PROJECT TO THE WEST AND RANGES IN GRADE FROM 0.5% TO 2.0%. . THERE IS EXISTING UTILITY POLE ON THE SOUTH END OF THE SITE WHICH WILL BE THE POWER SOURCE FOR THE PROJECT LIGHTING.

1.2.4 VEGETATION

THE VEGETATION IN THE PROJECT AREA CONSISTS MAINLY OF BRUSH AND GRASS, WITH SOME AREAS OF LAWN BORDERING ROUTE 14 AND ROUTE 2.

DISTURBED VEGETATION OUTSIDE OF THE PROPOSED PAVED PARKING AREA WILL BE REESTABLISHED WITH LANDSCAPING AND STANDARD SEED AND MULCH/EROSION MATTING PRACTICES.

1.2.5 SOILS

ALL SOIL DATA CAME FROM THE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE FOR THE COUNTY OF WASHINGTON, VERMONT. SOILS ON THE PROJECT SITE ARE AS FOLLOWS:

CABOT SILT LOAM, 0% TO 3% SLOPES, "K FACTOR" = 0.32 (54.7%) AND SALMON VERY FINE SANDY LOAM 8-15% SLOPES, 'K FACTOR" = 0.49. THE SOILS ARE CONSIDERED MODERATELY ERODIBLE, AND HIGHLY ERODABLE RESPECTIVELY.

NOTE: K-VALUES GENERALLY INDICATE THE FOLLOWING: 0.0-0.23 = LOW EROSION POTENTIAL; 0.24-0.36 = MODERATE EROSION POTENTIAL: 0.37 AND HIGHER = HIGH EROSION POTENTIAL.

1.2.6 SENSITIVE RESOURCE AREAS

CRITICAL HABITATS: NO
HISTORICAL OR ARCHEOLOGICAL AREAS: NO
PRIME AGRICULTURAL LAND: NO
THREATENED AND ENDANGERED SPECIES: NORTHERN LONG EARED BAT
WATER RESOURCE: WINOOSKI RIVER
WETLANDS: NO

1.3 RISK EVALUATION

THIS PROJECT DOES NOT FALL UNDER THE JURISDICTION OF GENERAL PERMIT 3-9020 FOR STORMWATER RUNOFF FROM CONSTRUCTION SITES. SHOULD CHANGES PRIOR TO OR DURING CONSTRUCTION RESULT IN ONE OR MORE ACRES OF EARTH DISTURBANCE OR SHOULD THE PROJECT BECOME PART OF A LARGER PLAN OF DEVELOPMENT, THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY ADDITIONAL PERMITTING.

1.4 EROSION PREVENTION AND SEDIMENT CONTROL

THE EROSION CONTROL PLANS ARE MEANT AS A GUIDELINE FOR PREVENTING EROSION AND CONTROLLING SEDIMENT TRANSPORT. THE PRINCIPLES OUTLINED IN THIS NARRATIVE CONSIST OF APPLYING MEASURES THROUGHOUT CONSTRUCTION OF THE PROJECT IN ORDER TO MINIMIZE SEDIMENT TRANSPORT TO THE RECEIVING WATERS. THE MEASURES INCLUDE STABILIZATION AND STRUCTURAL PRACTICES, STORM WATER CONTROLS AND OTHER POLLUTION PREVENTION PRACTICES. THEY HAVE BEEN PROPOSED BY THE DESIGNER AS A BASIS FOR PROTECTING RESOURCES AND WILL NEED TO BE BUILT UPON BASED ON THE SPECIFIC MEANS AND METHODS OF THE CONTRACTOR. REFER TO THE LOW RISK SITE HANDBOOK AND APPROPRIATE DETAIL SHEETS FOR SPECIFIC GUIDANCE AND CONSTRUCTION DETAILING.

ALL MEASURES SHALL BE REGULARLY MAINTAINED AND SHALL BE CHECKED FOR SEDIMENT BUILD-UP. SEDIMENT SHALL BE DISPOSED OF AT AN APPROVED SITE WHERE IT WILL NOT BE SUBJECT TO EROSION.

1.4.1 MARK SITE BOUNDARIES

SITE BOUNDARIES AND AREAS CONSTRUCTION EQUIPMENT CAN ACCESS SHALL BE DELINEATED.

PROJECT DEMARCATION FENCING (PDF) SHALL BE USED TO PHYSICALLY MARK SITE BOUNDARIES. BECAUSE THIS PROJECT FALLS UNDER THE CGP 3-9020, BARRIER FENCE SHALL BE USED INSTEAD OF PROJECT DEMARCATION FENCE WITHIN 100 FEET OF A WATER RESOURCE (STREAM, BROOK, LAKE, POND, WETLAND, ETC). BARRIER FENCE IS NOT ANTICIPATED TO BE NEEDED AS THERE ARE NO WATER RESOURCES OR WETLANDS WITHIN 100' OF PROJECT DISTURBANCE.

1.4.2 LIMIT DISTURBANCE AREA

PREVENTING INITIAL SOIL EROSION BY MINIMIZING THE EXPOSED AREA IS MUCH MORE EFFECTIVE THAN TREATING ERODED SEDIMENT. EARTH DISTURBANCE CAN BE MINIMIZED THROUGH CONSTRUCTION PHASING BY ONLY OPENING UP EARTH AS NECESSARY. THIS CAN LIMIT THE AREA THAT WILL BE DISTURBED AND EXPOSED TO EROSION. EMPLOY TEMPORARY CONSTRUCTION STABILIZATION PRACTICES IN INCREMENTAL STAGES AS PHASES CHANGE. FOR PROJECTS WHICH FALL UNDER THE CONSTRUCTION GENERAL PERMIT, ONLY THE ACREAGE LISTED ON THE PERMIT AUTHORIZATION MAY BE EXPOSED AT ANY GIVEN TIME.

MAINTAINING VEGETATED BUFFERS ALONG STREAM BANKS, WETLANDS OR OTHER SENSITIVE AREAS IS A CRUCIAL EROSION AND SEDIMENT CONTROL MEASURE THAT SHOULD BE ESTABLISHED WHEREVER POSSIBLE. PDF SHALL BE INSTALLED TIGHT TO THE CONSTRUCTION LIMITS NEAR THE EXISTING DRAINAGE DITCH IN THE SOUTHEAST CORNER OF THE SITE.

1.4.3 SITE ENTRANCE/EXIT STABILIZATION

TRACKING OF SEDIMENT ONTO PUBLIC HIGHWAYS SHALL BE MINIMIZED TO REDUCE THE POTENTIAL FOR RUNOFF ENTERING RECEIVING WATERS. INSTALLATION SHALL COINCIDE WITH THE CONTRACTORS PROGRESS SCHEDULE.

STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AS PROPOSED ON THE EPSC PLAN AND ANYWHERE EQUIPMENT WILL BE GOING FROM AREAS OF EXPOSED SOILS TO PAVED SURFACES.

1.4.4 INSTALL SEDIMENT BARRIERS

SEDIMENT BARRIERS SHALL BE UTILIZED TO INTERCEPT RUNOFF AND ALLOW SUSPENDED SEDIMENT TO SETTLE OUT. THEY SHALL BE INSTALLED PRIOR TO ANY UP SLOPE WORK.

PDF FENCE WILL BE INSTALLED AS PROPOSED ON THE EPSC PLAN. STONE AND BLOCK INLET PROTECTION WILL BE INSTALLED ON EXISTING DROP INLET OFF ROUTE 14.

1.4.5 DIVERT UPLAND RUNOFF

DIVERSIONARY MEASURES SHALL BE USED TO INTERCEPT RUNOFF FROM ABOVE THE CONSTRUCTION AND DIRECT IT AROUND THE DISTURBED AREA SO THAT CLEAN WATER DOES NOT BECOME MUDDIED WHILE TRAVELING OVER EXPOSED SOILS ON THE CONSTRUCTION SITE.

THE PROJECT IS ADJACENT TO VT ROUTE 14, THEREFORE, IT IS NOT ANTICIPATED THAT DIVERSION MEASURES WILL BE NECESSARY.

1.4.6 SLOW DOWN CHANNELIZED RUNOFF

CHECK STRUCTURES SHALL BE UTILIZED TO REDUCE THE VELOCITY, AND THUS THE EROSIVE POTENTIAL, OF CONCENTRATED FLOW IN CHANNELS.

STONE CHECK DAMS WILL BE INSTALLED AS PROPOSED ON THE EPSC PLAN, AT A MINIMUM.

1.4.7 CONSTRUCT PERMANENT CONTROLS

PERMANENT STORMWATER TREATMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE PLANS. THE PROJECT DOESN'T CURRENTLY REQUIRE AN OPERATIONAL STORMWATER PERMIT.

1.4.8 STABILIZE EXPOSED SOILS DURING CONSTRUCTION

ALL AREAS OF DISTURBANCE MUST HAVE TEMPORARY STABILIZATION IN PLACE WITHIN 48 HOURS OF DISTURBANCE OR IN ACCORDANCE WITH THE CONSTRUCTION GENERAL PERMIT 3-9020 AUTHORIZATION.

SURFACE ROUGHENING OF ALL EXPOSED SLOPES, COMBINED WITH TEMPORARY MULCHING, SHALL BE UTILIZED ON A REGULAR BASIS. BIODEGRADABLE EROSION CONTROL MATTING OR AN EQUIVALENT SHALL BE USED TO STABILIZE ALL SLOPES STEEPER THAN 1:3.

THE FORECAST OF RAINFALL EVENTS SHALL TRIGGER IMMEDIATE PROTECTION OF EXPOSED SOILS.

1.4.9 WINTER STABILIZATION

VARIOUS MEASURES SPECIFIC TO WINTER MAY BE NECESSARY SHOULD THE PROJECT EXTEND INTO WINTER (OCTOBER 15 THROUGH APRIL 15). REFER TO THE LOW RISK SITE HANDBOOK FOR GUIDANCE.

IT IS ANTICIPATED THAT THIS PROJECT WILL NOT EXTEND INTO THE WINTER CONSTRUCTION SEASON.

1.4.10 STABILIZE SOIL AT FINAL GRADE

EXPOSED SOIL MUST BE STABILIZED WITHIN 48 HOURS OF REACHING FINAL GRADE.

SEED, MULCH, FERTILIZER AND LIME SHALL BE USED TO ESTABLISH PERMANENT VEGETATION. FOR SLOPES STEEPER THAN 1:3, BIODEGRADABLE EROSION CONTROL MATTING OR AN EQUIVALENT SHALL BE USED INSTEAD OF MULCH.

1.4.11 DE-WATERING ACTIVITIES

DISCHARGE FROM DEWATERING ACTIVITIES THAT FLOWS OFF OF THE CONSTRUCTION SITE MUST NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF THE VERMONT WATER QUALITY STANDARDS.

DE-WATERING ACTIVITIES ARE NOT ANTICIPATED AS PART OF THIS PROJECT. IN THE EVENT DE-WATERING IS NECESSARY, THE CONTRACTOR SHALL DO SO AT NO ADDITIONAL COST TO THE PROJECT.

1.4.12 INSPECT YOUR SITE

INSPECT THE PROJECT SITE BASED ON SPECIAL PROVISION REQUIREMENTS OR CONSTRUCTION GENERAL PERMIT AUTHORIZATION STIPULATIONS.

1.5 SEQUENCE AND STAGING

THIS SECTION WILL BE DEVELOPED BY THE CONTRACTOR USING THE GUIDANCE OUTLINED IN THE VTRANS EPSC PLAN CONTRACTOR CHECKLIST.

1.5.1 CONSTRUCTION SEQUENCE

BY CONTRACTOR

1.5.2 OFF-SITE ACTIVITIES

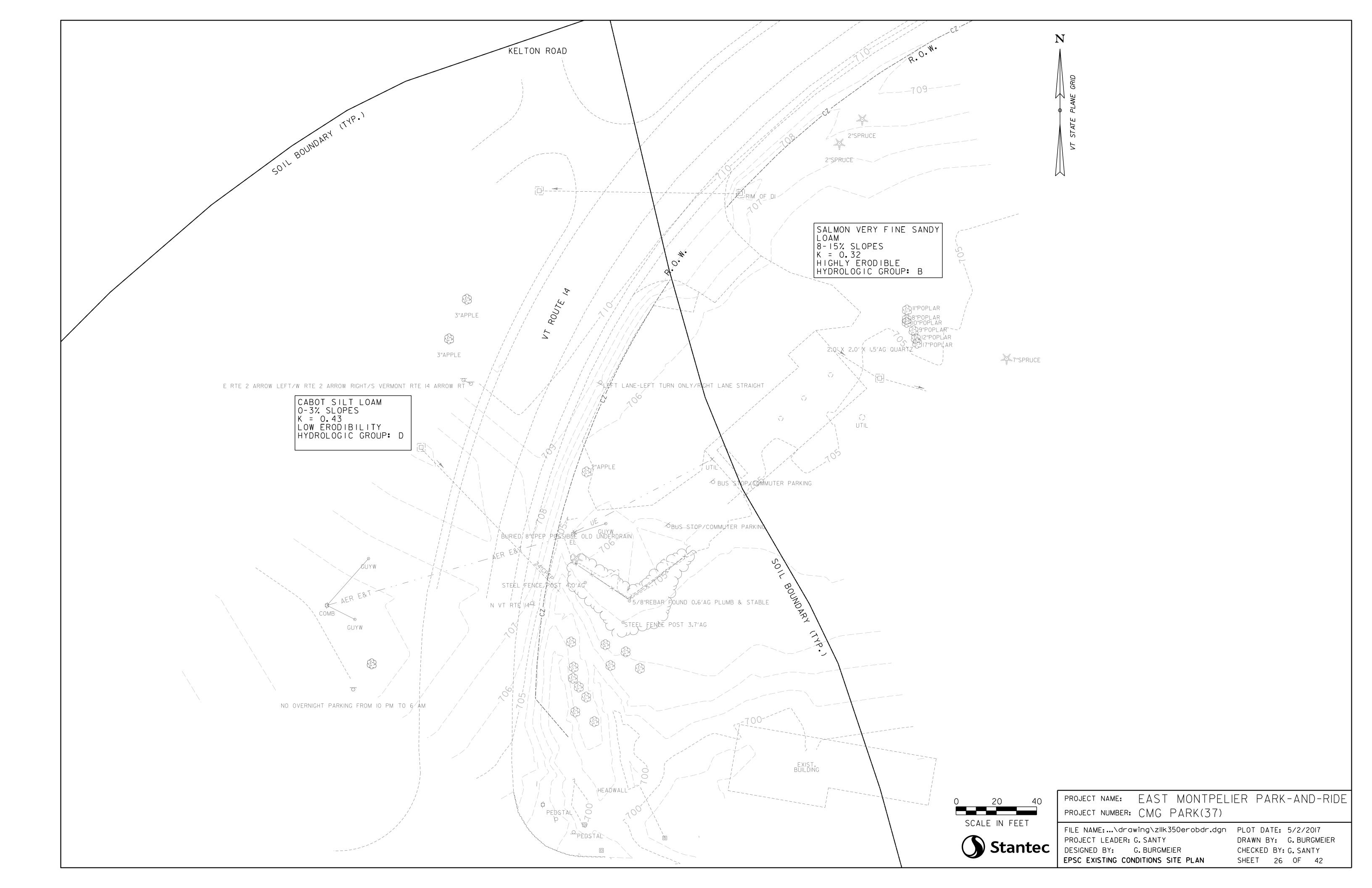
IN ADDITION TO THE CONTRACTOR CHECKLIST ANY ACTIVITIES OUTSIDE THE CONSTRUCTION LIMITS SHALL FOLLOW SUBSECTIONS 105.25- 105.29 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION.

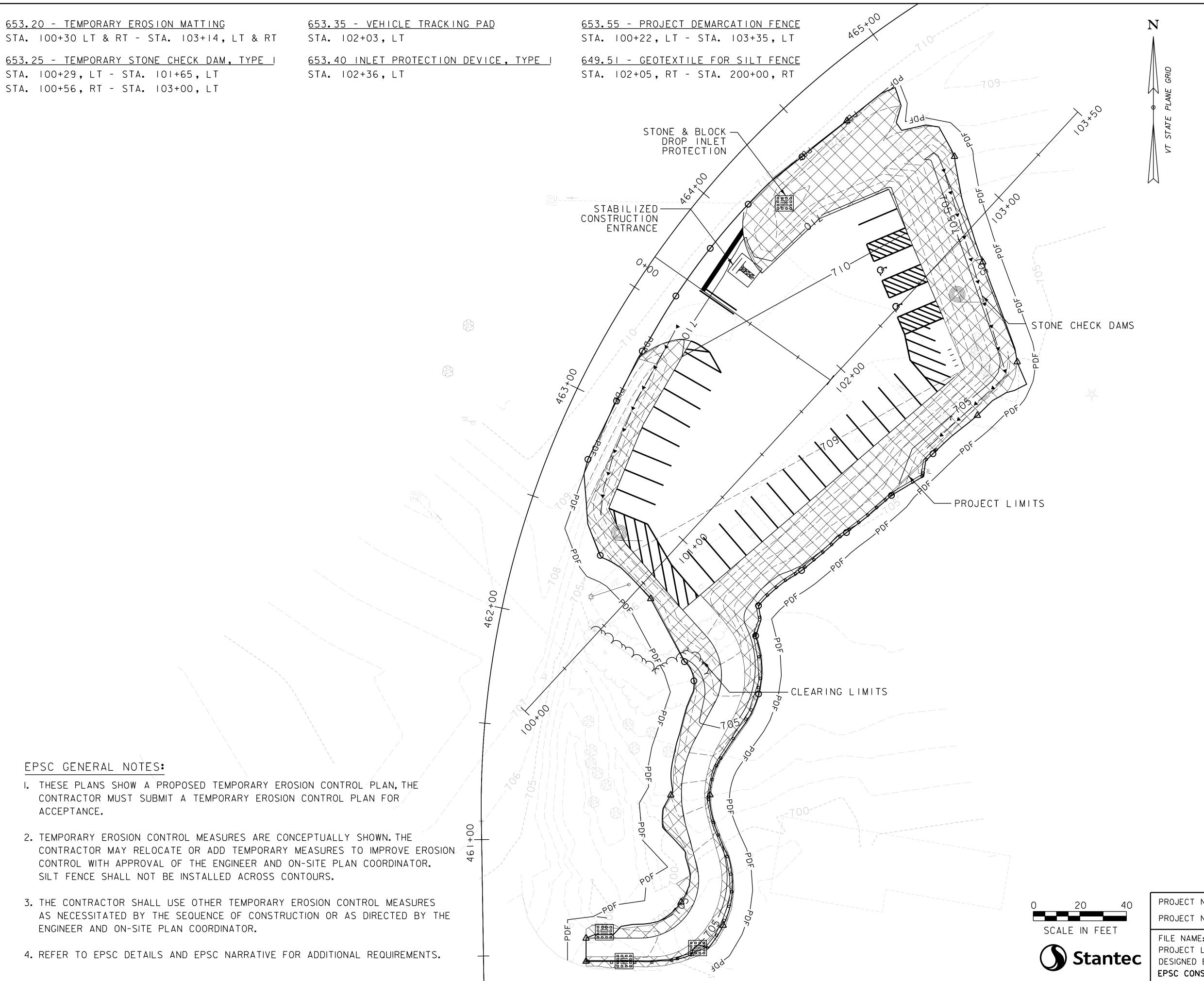
PROJECT NAME: EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37)



FILE NAME:...\drawing\z|k350typ.dgn PLOT DATE: 5/2/2017
PROJECT LEADER: G. SANTY DRAWN BY: P,ARMATA
DESIGNED BY: G. BURGMEIER CHECKED BY: G. SANTY

EPSC NARRATIVE SHEET 25 OF 42





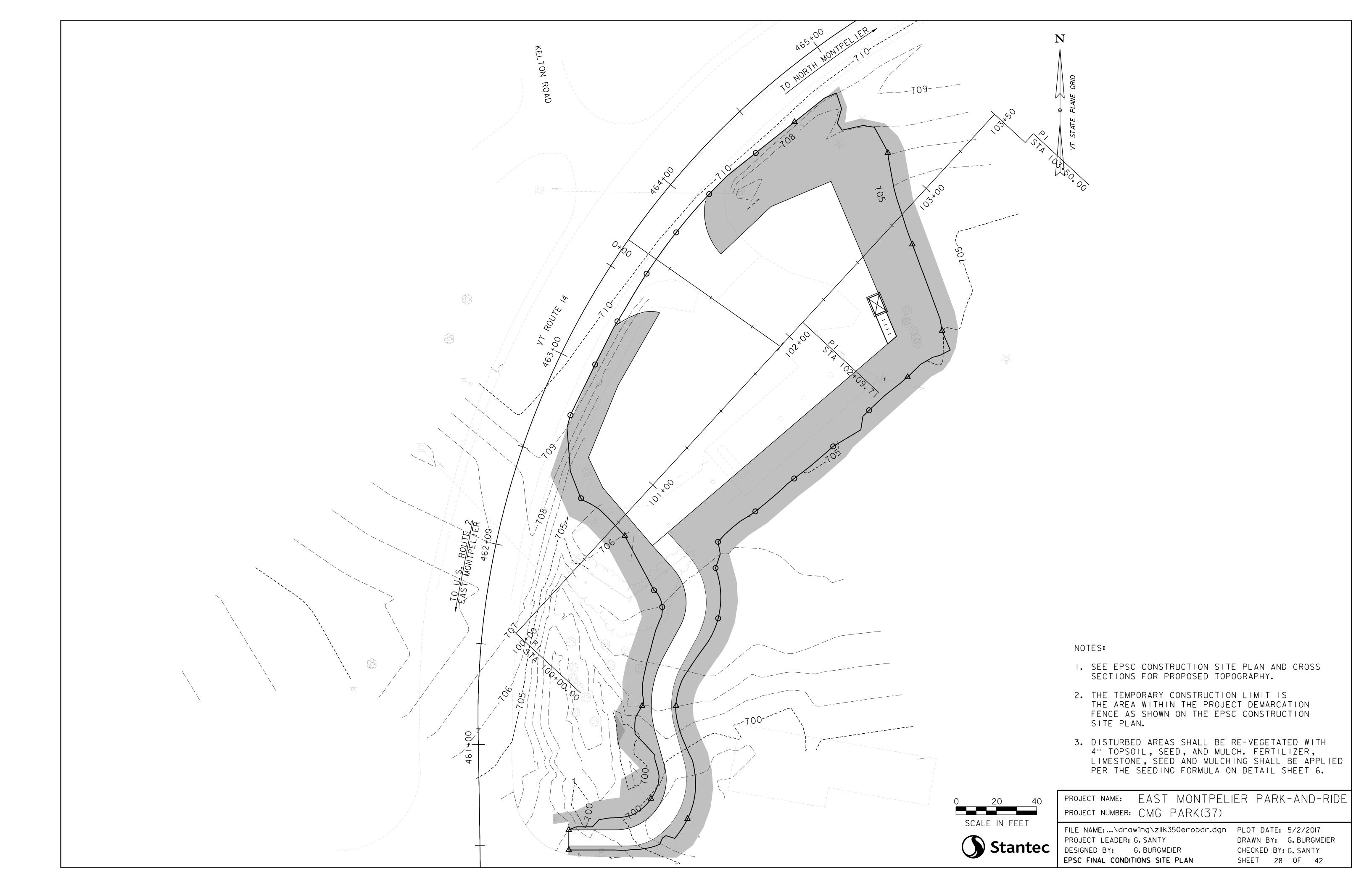
GENERAL CONSTRUCTION SEQUENCE

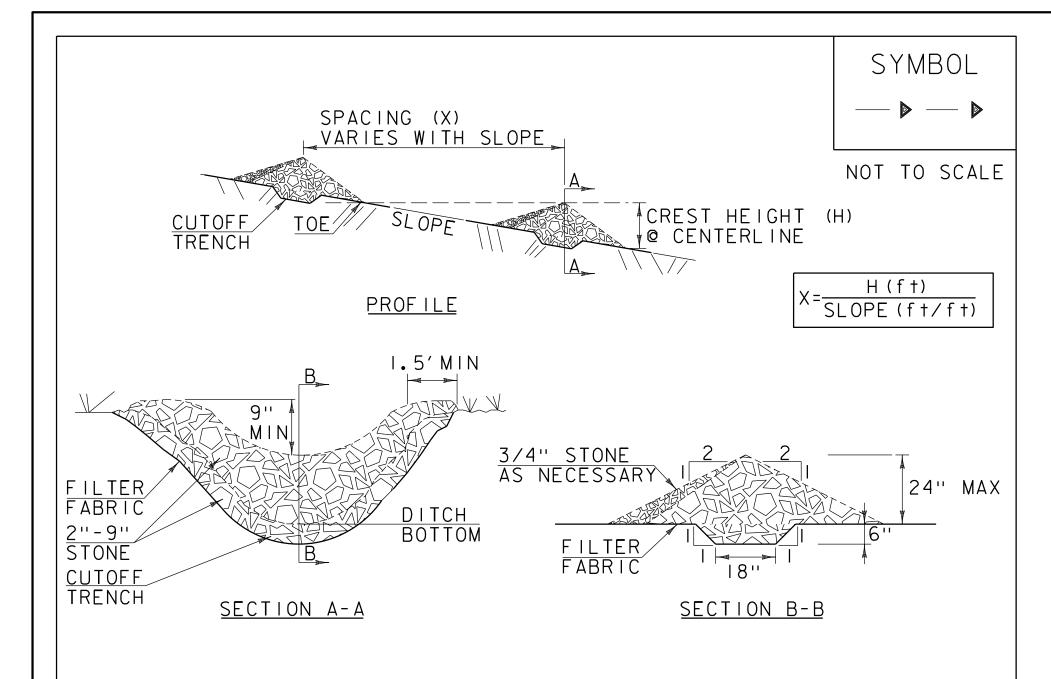
- I. DEMARCATE WORK ZONE WITH PROJECT DEMARCATION FENCE (PDF) OR BARRIER FENCE (BF) AS SHOWN ON THE PLANS. FENCE INSTALLED NO MORE THAN 10' BEYOND CONSTRUCTION LIMITS UNLESS APPROVED BY THE ENGINEER.
- 2. CLEAR AND GRUB THE SITE. DO NOT REMOVE STUMPS, EXCESS SOILS, AND OTHER WASTE MATERIALS UNTIL TEMPORARY E.P.S.C. MEASURES HAVE BEEN INSTALLED.
- 3. INSTALL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES, AS SHOWN, AS REQUIRED, OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR, IN THE FOLLOWING ORDER:
- A. STABILIZED CONSTRUCTION ENTRANCE (VEHICLES ARE REQUIRED TO DRIVE OVER THE 50' SCE BEFORE EXITING THE CONSTRUCTION LIMITS.
- B. INLET PROTECTION ON EXISTING DROP INLETS AND CATCH BASINS.
- C. STONE CHECK DAMS (SEE EPSC DETAILS I) FOR CONSTRUCTION NOTES AND DETAILS).
- D. EROSION MATTING (SEE EPSC DETAILS 2) FOR CONSTRUCTION NOTES AND DETAILS).
- 4. DISPOSE OF STUMPS, EXCESS SOILS AND OTHER WASTE MATERIAL IN ACCORDANCE WITH SPECIFICATION 105.25 CONTROL OF WASTE, BORROW AND STAGING.
- 5. COMPLETE CONSTRUCTION OF NEW PARK-AND-RIDE LOT.
- A. INSPECT AND MAINTAIN EROSION PREVENTION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE SPECIFICATIONS AND SPECIAL PROVISIONS.
- B. DISPOSE OF COLLECTED SEDIMENT AND OTHER POLLUTANTS IN A MANNER APPROVED BY THE ENGINEER THAT WILL NOT RESULT IN SEDIMENTS AND POLLUTANTS ENTERING WATERS OF THE STATE.
- 6. PERMANENTLY STABILIZE ALL FINISHED GRADES AS EARTHWORK IS COMPLETED INCLUDING CHANNEL LININGS, SEEDING AND MULCHING (PERMANENT TURF ESTABLISHMENT).

PROJECT NAME: EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37)

FILE NAME:...\drawing\zllk350erobdr.dgn PLOT DATE: 5/2/2017 PROJECT LEADER: G. SANTY DESIGNED BY: G. BURGMEIER EPSC CONSTRUCTION SITE PLAN

DRAWN BY: G. BURGMEIER CHECKED BY: G. SANTY SHEET 27 OF 42





CONSTRUCTION SPECIFICATIONS

- I. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION.
- 2. CHECK DAMS SHALL BE SPACED SO THAT THE ELEVATION OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION AS THE TOE OF THE UPSTREAM DAM.
- 3.3/4" FILTERING STONE MAY BE ADDED TO THE FACE OF THE CHECK DAM AS NECESSARY.
- 4.EXTEND THE STONE A MINIMUM OF 1.5' BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- 5. PROTECT CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- 6. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.
- 7. MAXIMUM DRAINAGE AREA 2 ACRES.

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC ORIGINALLY DEVELOPED BY USDA-NRCS VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

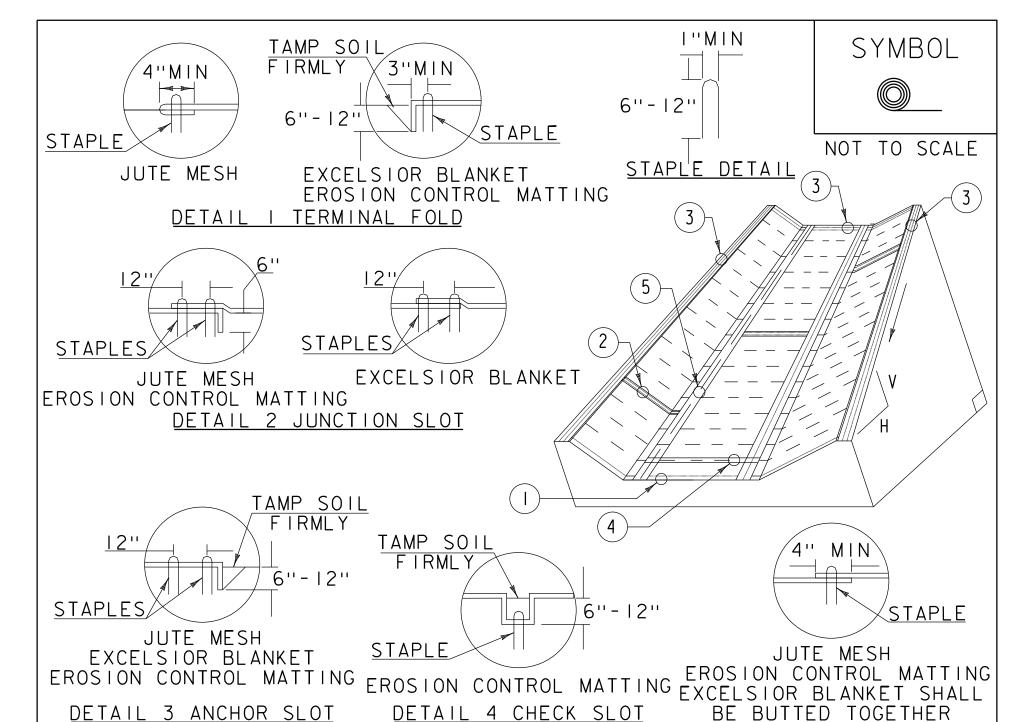
CHECK DAM

NOTES:

REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- "FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL | GUIDANCE.

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 FOR TEMPORARY STONE CHECK DAM. TYPE I(PAY | ITEM 653.25)

REVISIONS	
MARCH 21, 2008	WHF
JANUARY 8,2009	WHF



DETAIL 5 LAP JOINT CONSTRUCTION SPECIFICATIONS

- I.EROSION MATTING, CHECK SLOTS, SHALL BE SPACED IN DITCH CHANNEL SO THAT ONE OCCURS WITHIN EACH 50' ON SLOPES OF MORE THAN 4% AND LESS THAN 6%. ON SLOPES OF 6% OR MORE, THEY SHALL BE SPACED SO THAT ONE OCCURS WITHIN EACH 25'.
- 2. APPLY FERTILIZER, LIME SEED PRIOR TO PLACING MATTING.
- 3. STAPLES ARE TO BE PLACED ALTERNATELY, IN COLUMNS APPROXIMATELY 2' APART AND IN ROWS APPROXIMATELY 3' APART. APPROXIMATELY 175 STAPLES ARE REQUIRED PER 4'X 225' ROLL OF MATERIAL AND 125 STAPLES ARE REQUIRED PER 4'X 150' ROLL OF MATERIAL.
- 4. DISTURBED AREAS SHALL BE SMOOTHLY GRADED. EROSION CONTROL MATERIAL SHALL BE PLACED LOOSELY OVER GROUND SURFACE. DO NOT STRETCH.
- 5. ALL TERMINAL ENDS AND TRANSVERSE LAPS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC ORIGINALLY DEVELOPED BY USDA-NRCS VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

ROLLED EROSION CONTROL PRODUCT (RECP) DITCH

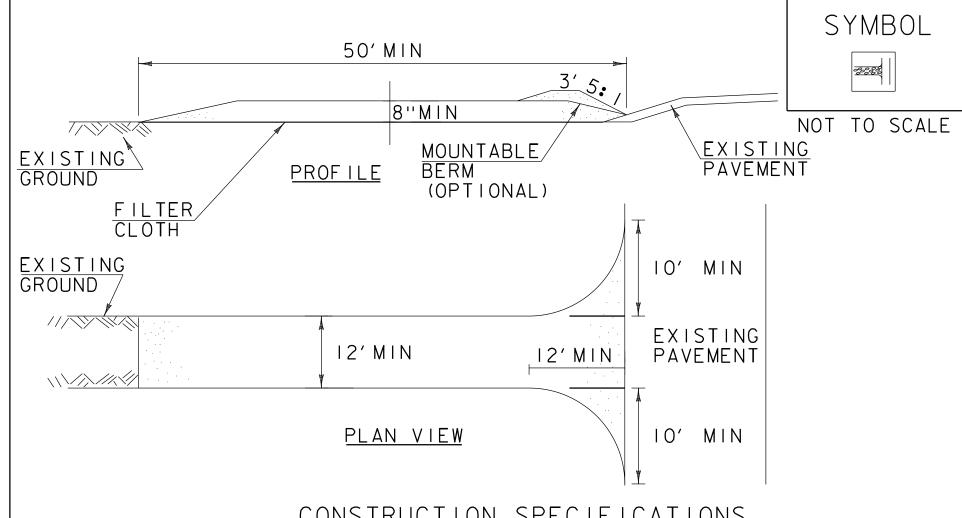
BE BUTTED TOGETHER

DETAIL 3 ANCHOR SLOT

REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- "FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 AND AS SHOWN IN THE PLANS FOR TEMPORARY EROSION MATTING (PAY ITEM 653.20) OR PERMANENT EROSION MATTING (PAY ITEM 653.21).

REVISIONS MARCH 8. 2007 APRIL 16, 2007 WHF JANUARY 13, 2009 WHF



CONSTRUCTION SPECIFICATIONS

- 1.STONE SIZE- USE 1-4" STONE, RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- 2.LENGTH- NOT LESS THAN 50' (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30' MINIMUM LENGTH APPLIES).
- 3. THICKNESS- NOT LESS THAN 8".
- 4. WIDTH- 12' MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. 24' IF SINGLE ENTRANCE TO SITE.
- 5. GEOTEXTILE MUST BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE.
- 6. SURFACE WATER- ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5: I SLOPES WILL BE PERMITTED.
- 7. MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- 8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED ACCORDING TO PERMIT REQUIREMENTS.

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC ORIGINALLY DEVELOPED BY USDA-NRCS VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

STABILIZED CONSTRUCTION ENTRANCE

NOTES:

REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- "FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 FOR VEHICLE TRACKING PAD (PAY ITEM 653.35) OR AS SPECIFIED IN THE CONTRACT.

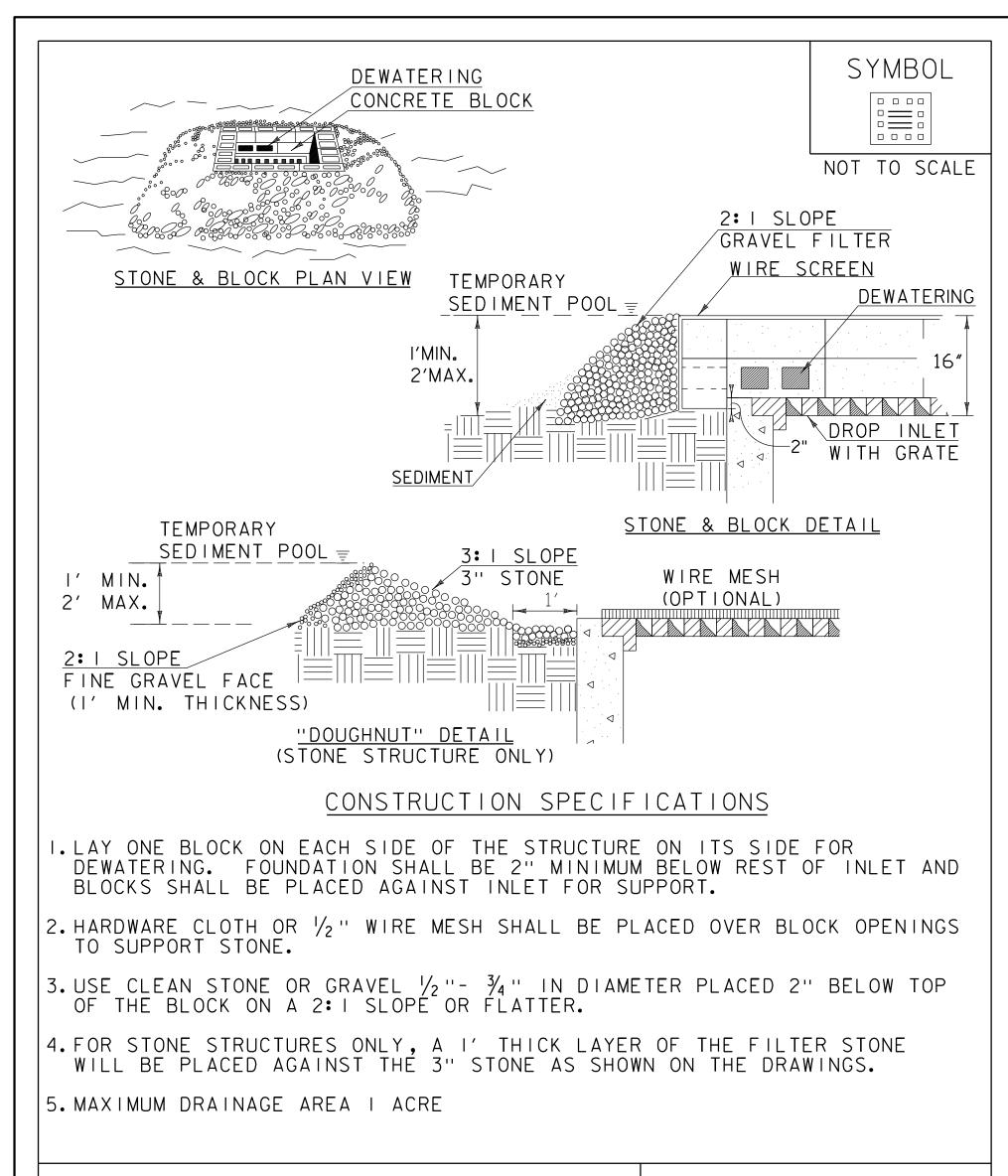
REVISIONS MARCH 24, 2008 WHF JANUARY 13.2009 WHF

EAST MONTPELIER PARK-AND-RIDE PROJECT NAME: PROJECT NUMBER: CMG PARK(37)

FILE NAME:...\drawing\zllk350typ.dgn PROJECT LEADER: -DESIGNED BY: -

EPSC DETAILS SHEET I

PLOT DATE: 5/2/2017 DRAWN BY: -CHECKED BY: -SHEET 29 OF 42



ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC | STONE & BLOCK DROP ORIGINALLY DEVELOPED BY USDA-NRCS VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

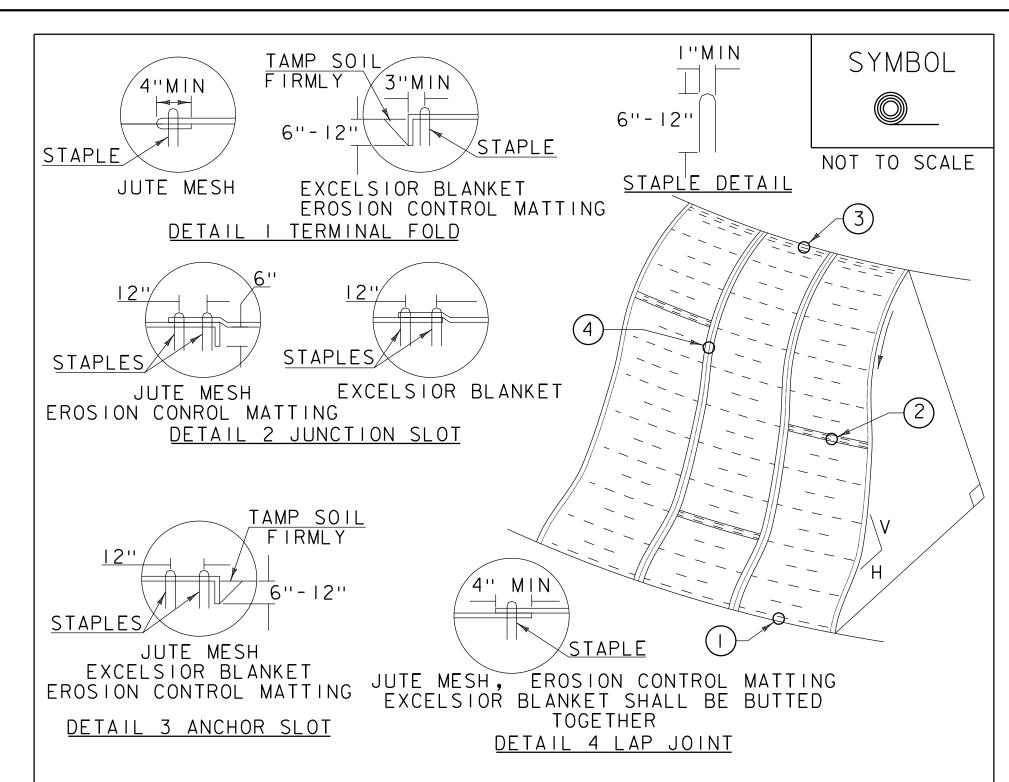
INLET PROTECTION

NOTES:

REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR | EROSION PREVENTION & SEDIMENT CONTROL -2006- "FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 FOR INLET PROTECTION DEVICE. TYPE I (PAY | ITEM 653.40).

REVISIONS	
MARCH 6,2008	WHF
JANUARY 13, 2009	WHF



CONSTRUCTION SPECIFICATIONS

- I.APPLY TO SLOPES GREATER THAN 3H: IV OR WHERE NECESSARY TO AID IN ESTABLISHING VEGETATION.
- 2. APPLY FERTILIZER, LIME SEED PRIOR TO PLACING MATTING.
- 3. STAPLES ARE TO BE PLACED ALTERNATELY, IN COLUMNS APPROXIMATELY 2' APART AND IN ROWS APPROXIMATELY 3' APART. APPROXIMATELY 175 STAPLES ARE REQUIRED PER 4'X225' ROLL OF MATERIAL AND 125 STAPLES ARE REQUIRED PER 4'X150' ROLL OF MATERIAL.
- 4. DISTURBED AREAS SHALL BE SMOOTHLY GRADED. EROSION CONTROL MATERIAL SHALL BE PLACED LOOSELY OVER GROUND SURFACE. DO NOT STRETCH.
- 5. ALL TERMINAL ENDS AND TRANSVERSE LAPS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC ORIGINALLY DEVELOPED BY USDA-NRCS VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

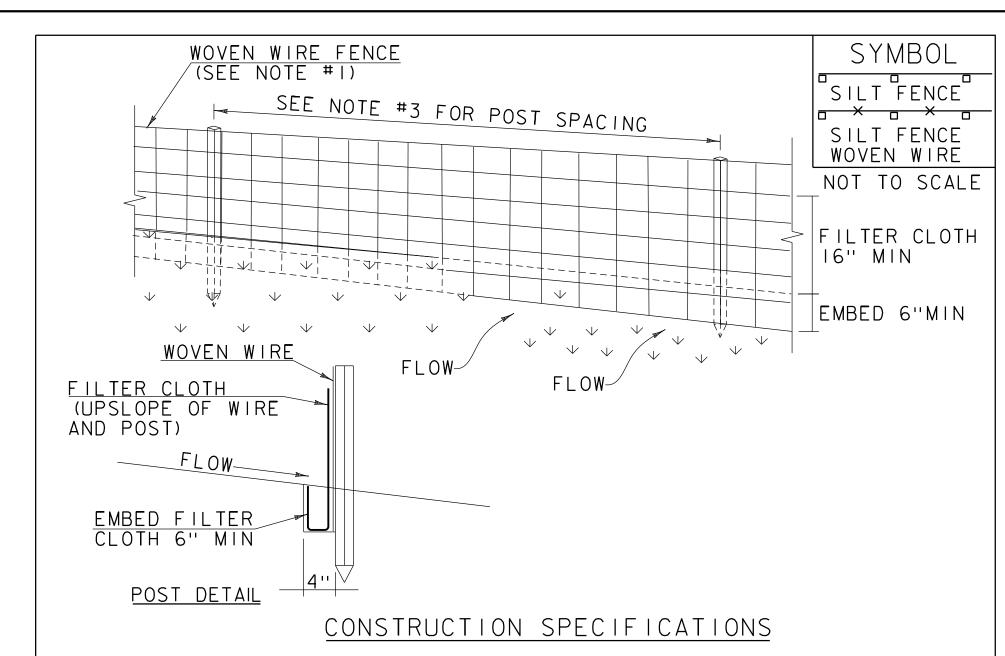
ROLLED EROSION CONTROL PRODUCT (RECP) SIDE SLOPE

NOTES:

REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- "FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 AND AS SHOWN IN THE PLANS FOR TEMPORARY EROSION MATTING (PAY ITEM 653.20) OR PERMANENT EROSION MATTING (PAY ITEM 653.21).

REVISIONS APRIL 16, 2007 JANUARY 13, 2009 WHF



- . WOVEN WIRE REINFORCED FENCE IS REQUIRED WITHIN 100' UPSLOPE OF RECEIVING WATERS WHEN THE PROJECT FALLS UNDER A CONSTRUCTION STORMWATER PERMIT. WOVEN WIRE SHALL BE A MIN. 14 GAUGE WITH A 6" MAX. MESH OPENING.
- 2. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFIIOOX, STABILINKA TI40N OR APPROVED EQUIVALENT.
- 3. POST SPACING FOR WIRE-BACKED FENCE SHALL BE 10' MAXIMUM. FOR FILTER-CLOTH FENCE, WHEN ELONGATION IS >50%, POST SPACING SHALL NOT EXCEED 4' AND WHEN ELONGATION IS <50%, POST SPACING SHALL NOT EXCEED
- 4. WOVEN WIRE FENCE IS TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES. FILTER CLOTH IS TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
- 5. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY 6" AND FOLDED.
- 6. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN SEDIMENT REACHES HALF OF FABRIC HEIGHT.

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC ORIGINALLY DEVELOPED BY USDA-NRCS VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SILT FENCE

REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- "FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 649 AND AS SHOWN IN THE PLANS FOR GEOTEXTILE FOR SILT FENCE (PAY ITEM 649.51) OR GEOTEXTILE FOR SILT FENCE. WOVEN WIRE REINFORCED (PAY ITEM 649.515).

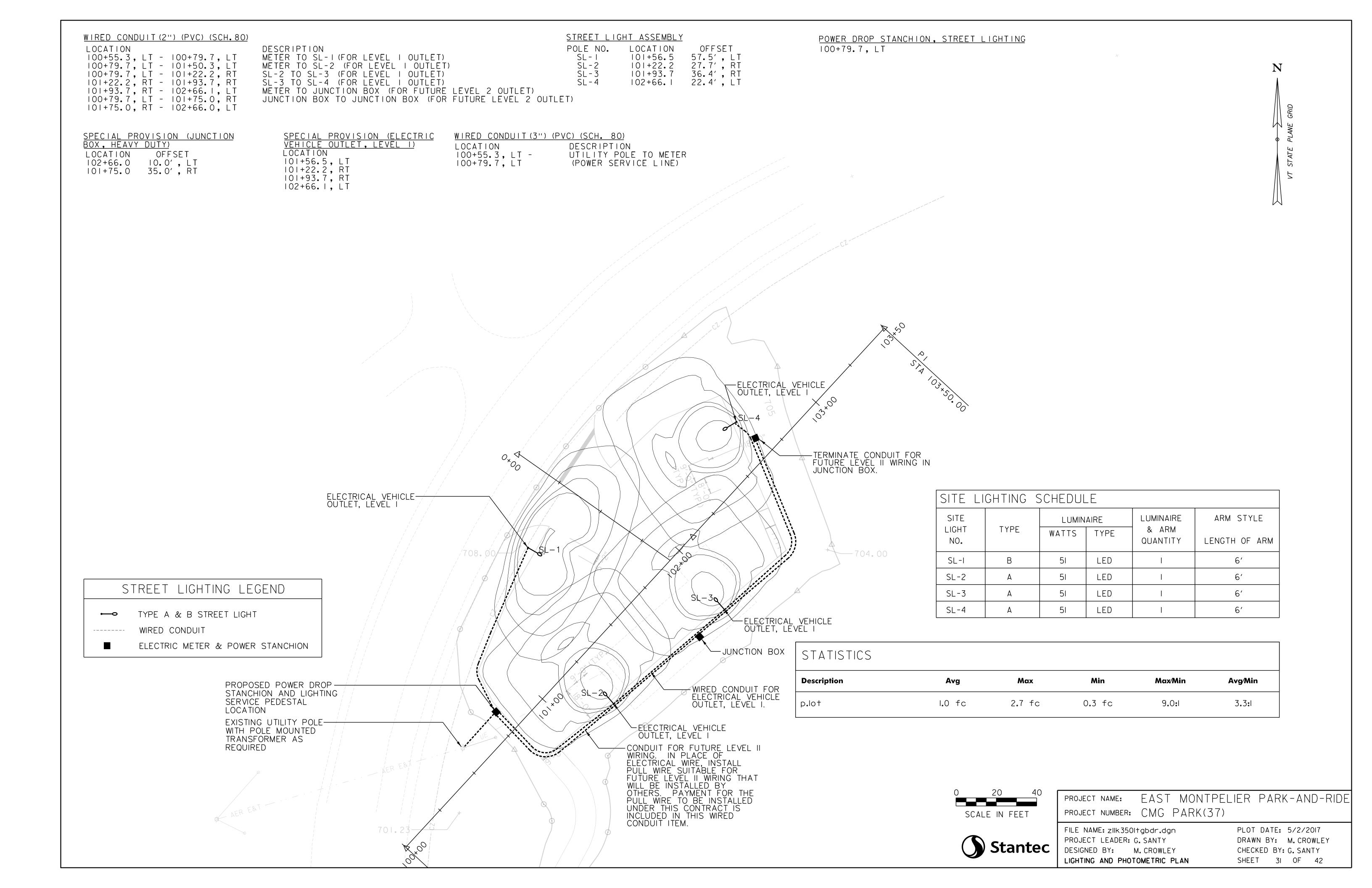
REVISIONS MARCH 21, 2008 WHF DECEMBER II, 2008 WHF JANUARY 13, 2009 WHF

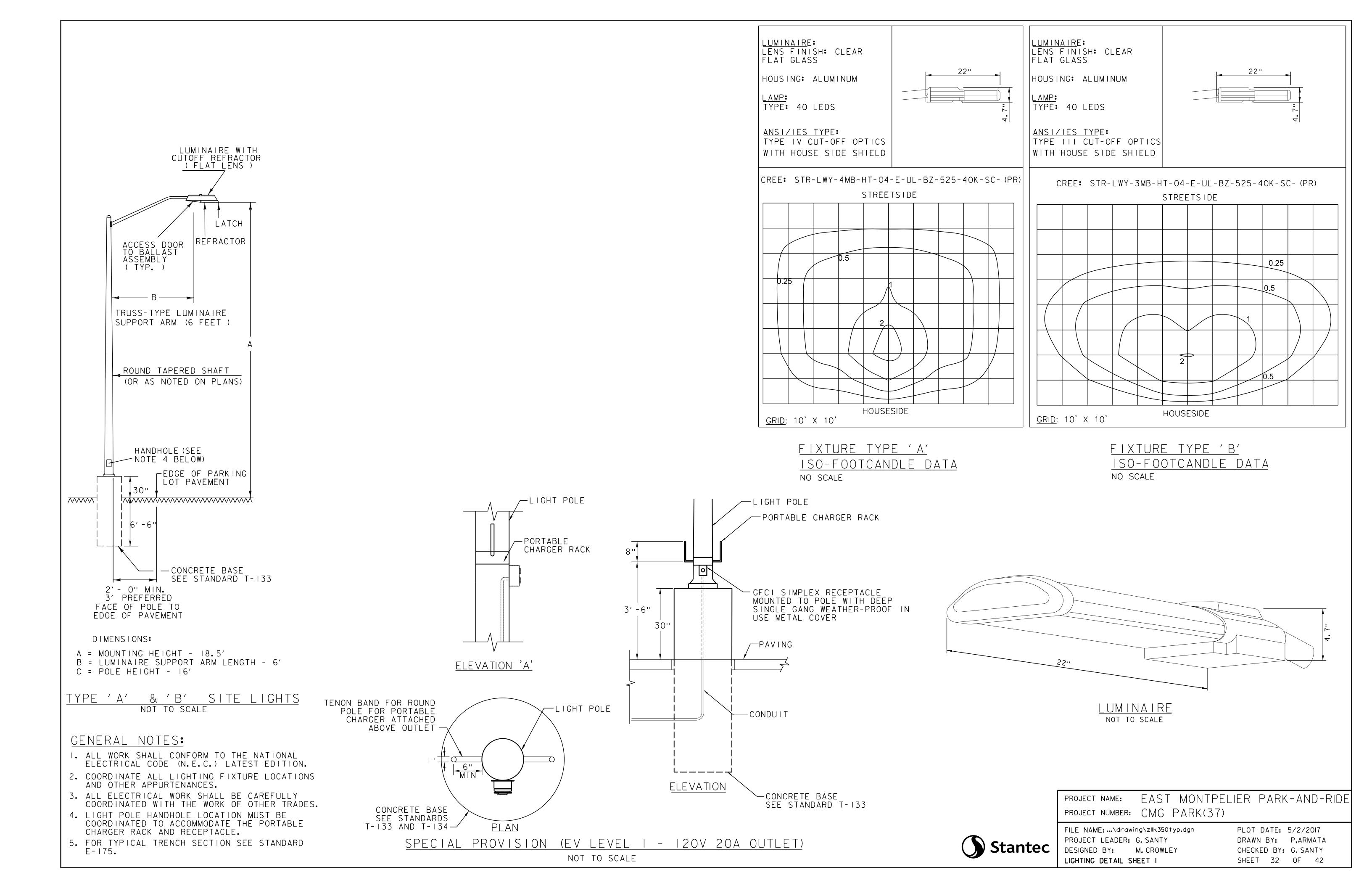
EAST MONTPELIER PARK-AND-RIDE PROJECT NAME: PROJECT NUMBER: CMG PARK(37)

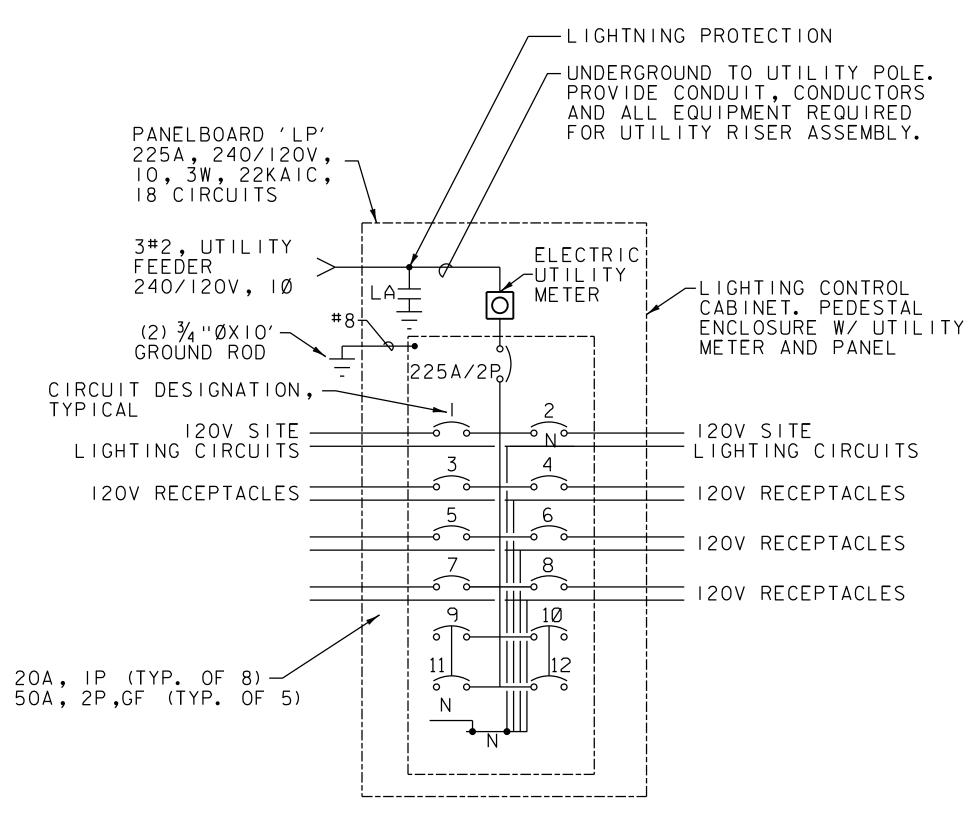
FILE NAME:...\drawing\zllk350typ.dgn PROJECT LEADER: -DESIGNED BY: -

EPSC DETAILS SHEET 2

PLOT DATE: 5/2/2017 DRAWN BY: -CHECKED BY: -SHEET 30 OF 42

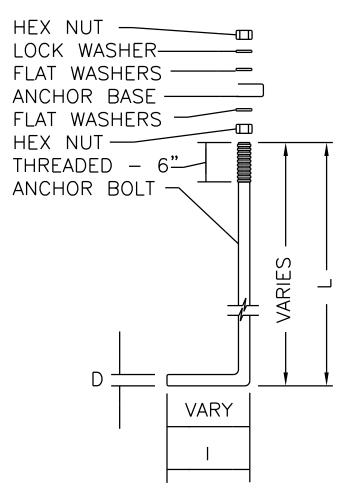






ONE-LINE DIAGRAM ROADWAY IGHTING SERVICE PEDESTAL

> NOT TO SCALE NOTE: NO RELAYS REQUIRED

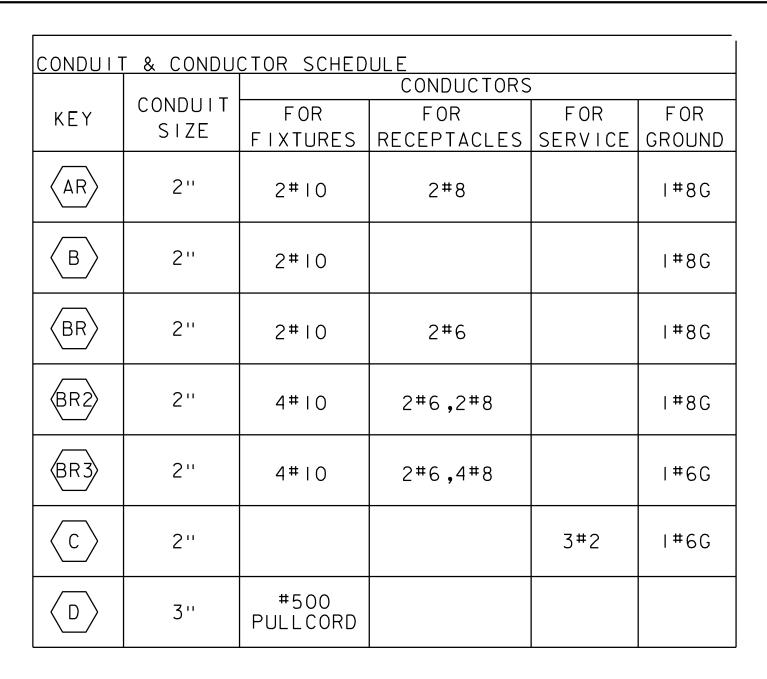


DIMENSION TABLE												
MOUNTING	NO. OF	AN	ANCHOR BASE SLIP BASE									
HEIGHT	ARMS	D	L	1	UNC	D	L	1	UNC			
22'(MAX.)	1 2	1	36	4	8	1-1/4"	42	6	7			

NOTES:

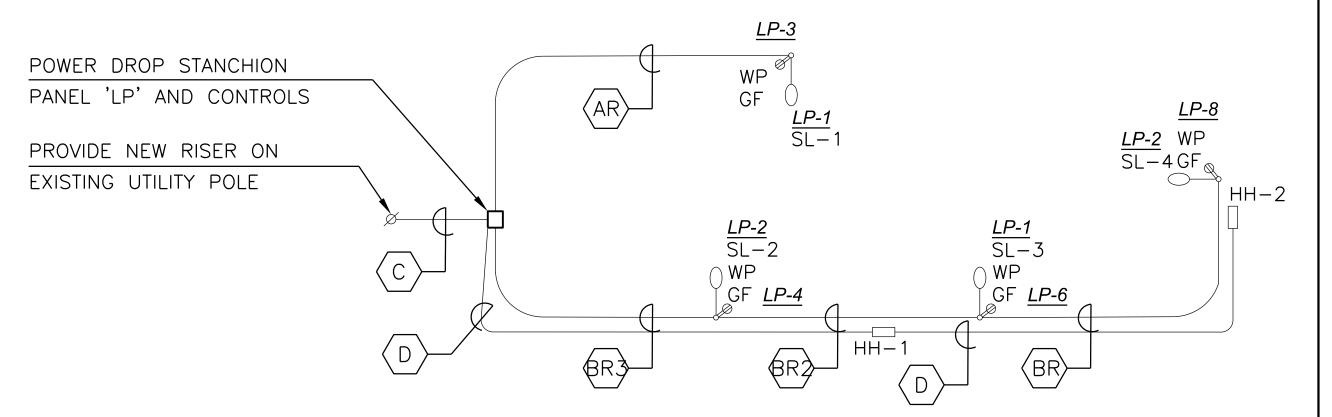
- 1. ALL ANCHOR BOLTS, WASHERS AND NUTS TO BE STAINLESS STEEL.
- 2. FOR MOUNTING HEIGHTS LESS THAN 30 FEET USE THE ANCHOR BOLT DIMENSIONS AS RECOMMENDED BY THE POLE MANUFACTURER, LENGTH, HOOK, DIAMETER AND BOLT PROJECTION.

ANCHOR BOLT ASSEMBLY DETAIL NOT TO SCALE



GENERAL NOTES:

- I. MAXIMUM OF 270° IN TOTAL BENDS PERMITTED IN SINGLE RUN OF CONDUIT
- 2. LIGHTS SHALL BE FUSED AT BASE WITH Y-TYPE FUSE KIT WITH WATERPROOF INSULATED SEAL. SIZE OF SHIELD SHALL MATCH WIRE AND HAVE A IOA FUSE.
- 3. CIRCUIT CONDUCTORS INCLUDING NEUTRAL CONDUCTOR SHALL BE CLEARLY IDENTIFIED BY CORROSION RESISTANT TAGS INDICATING CIRCUIT NUMBER AND PANEL SOURCES AT EVERY POLE BASE AND HANDHOLE.
- 4. UTILIZE APPROVED DUAL-RATED PARALLEL TAP CONNECTOR WITH INSULATED COVER FOR TAPS AT POLE BASE.
- 5. UTILIZE APPROVED DUAL-RATED PARALLEL TAP CONNECTOR WITH WATERTIGHT CONNECTOR, SUITABLE FOR DIRECT BURIAL IN JUNCTION BOXES, HANDHOLES.



SITE LIGHTING ONE-LINE DIAGRAM

EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37) FILE NAME: ...\drawing\zllk350typ.dgn

Stantec

PROJECT LEADER: G. SANTY DESIGNED BY: M. CROWLEY LIGHTING DETAIL SHEET 2

PROJECT NAME:

PLOT DATE: 5/2/2017 DRAWN BY: P,ARMATA CHECKED BY: G. SANTY SHEET 33 OF 42

STREET LIGHTING GENERAL NOTES

I. BRACKET ARMS SHALL BE TRUSS-STYLE TYPE AND SHALL BE DESIGNED IN ACCORDANCE WITH THE 2013 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS AND ITS LATEST REVISIONS.

2. STREET LIGHT ASSEMBLIES SHALL BE PAINTED FLAT BLACK AND HAVE FLAT BLACK HOUSINGS. FINISHES SHALL BE PER SECTION 679 OF THE LATEST SPECIFICATIONS FOR CONSTRUCTION.

3. LUMINAIRES

- A. LUMINAIRES SHALL BE ONE OF THE FOLLOWING ONLY:
- I. BETA LEDWAY IP-SERIES
- 2. HOLOPHANE LEDGENDS SERIES
- 3. LRL LED SAT-96M SERIES
- B. NO SUBSTITUTIONS FOR LUMINAIRES SHALL BE ALLOWED.
- C. ALL LUMINAIRE HOUSINGS SHALL BE EQUIPPED WITH BIRD SPIKES.
- 4. WIRING AND GROUNDING

A. CIRCUIT CONDUCTORS SHALL BE CLEARLY INDENTIFIED BY CORROSION RESISTANT TAGS INDICATING CIRCUIT NUMBER AND PANEL SOURCES AT EVERY LIGHT POLE AND HANDHOLE.

B. ALL CONDUIT MUST INCLUDE A GROUNDING CONDUCTOR. RIGID STEEL CONDUIT SHALL BE PROPERLY CONNECTED AT THE JOINTS SO AS TO BE WATERTIGHT AND MAINTAIN ELECTRICAL CONTINUITY AND HAVE GROUNDING BUSHINGS SO AS TO ACT AS A GROUNDING CONDUCTOR.

- C. THE GROUNDING CONDUCTOR SHALL BE CONTINUOUS.
- D. ALUMINUM WIRE SHALL NOT BE USED FOR GROUND WIRE.
- 5. STREET LIGHTING CONTROL DEVICE
- A. ASTRONOMICAL CLOCKS SHALL BE ONE OF THE FOLLOWING OR APPROVED EQUAL:
- I. TORK EWZ SERIES
- 2. INTERMATIC ET 800 SERIES
- 3. PARAGON EC SERIES

B. STREET LIGHTING EQUIPMENT SHALL BE WIRED SUCH THAT ONE CONTROL DEVICE COMMANDS THE FUNCTIONS ASSOCIATED WITH POWERING UP AND DOWN ALL LUMINAIRES.

6. SEE STANDARD DRAWINGS T-133 AND T-134 FOR ADDITIONAL INFORMATION.

<u>ILLUMINATION LEVELS</u>

PARK AND RIDE SHALL HAVE AN AVERAGE OF 1.0 FC, MINIMUM OF 0.2 FC, AND UNIFORMITY OF 4:1.

CONDUIT

A 2 INCH (I.D.) MINIMUM CONDUIT SHALL BE USED AT ALL LOCATIONS UNLESS OTHERWISE NOTED ON THE PLANS, ALL CONDUIT SHALL BE SCHEDULE 80 PVC.

PROJECT NAME: EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37)



FILE NAME:...\drawing\zllk350+yp.dgn
PROJECT LEADER: G. SANTY
DESIGNED BY: M. CROWLEY
LIGHTING DETAIL SHEET 3

PLOT DATE: 5/2/2017
DRAWN BY: P,ARMATA
CHECKED BY: G. SANTY
SHEET 34 OF 42

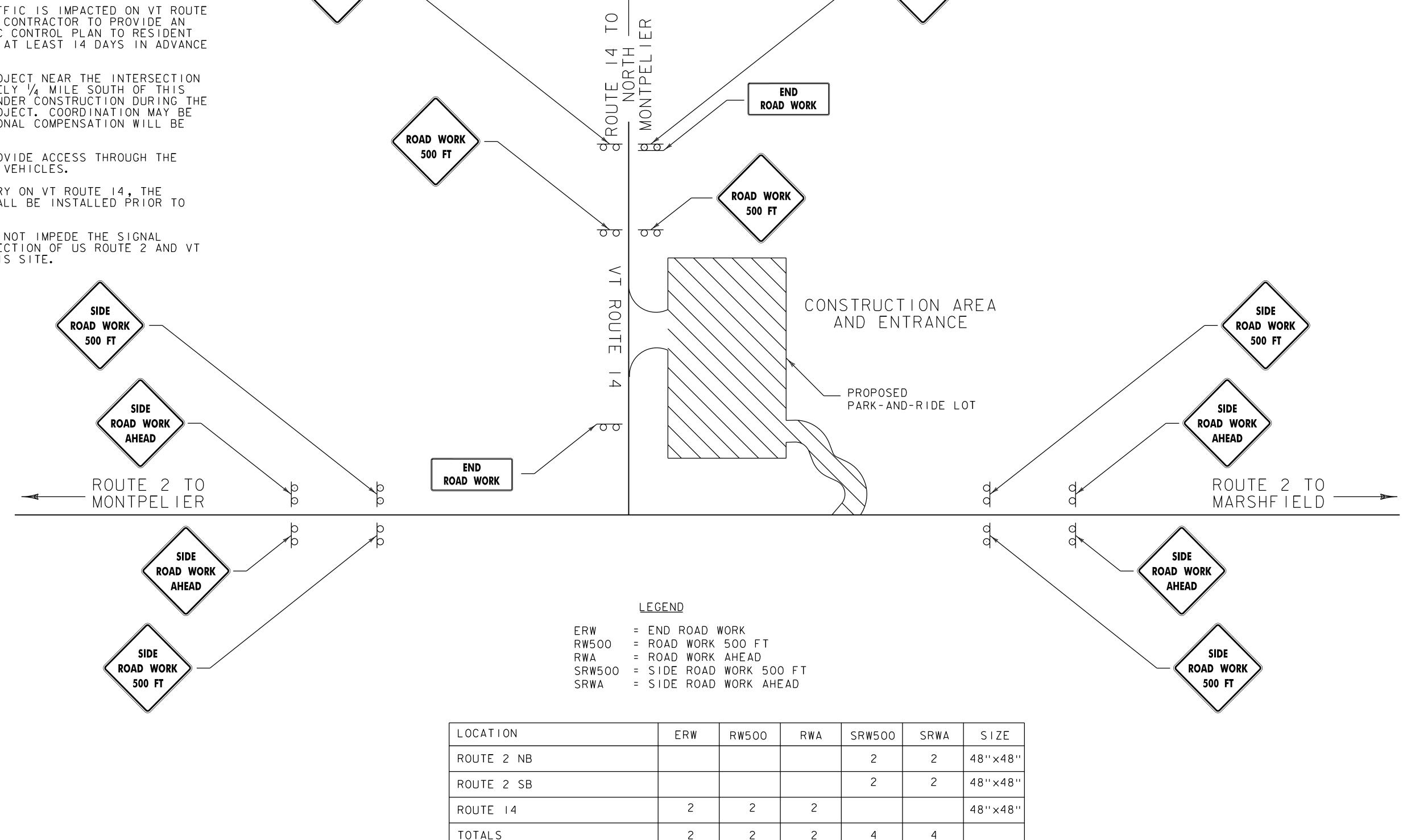


I. CONTRACTOR SHALL CONTROL ACCESS TO THE CONSTRUCTION SITE TO THE SATISFACTION OF THE RESIDENT ENGINEER.

ROAD WORK

AHEAD

- 2. ESTIMATED FLAGGER AND UNIFORMED TRAFFIC OFFICER HOURS HAVE BEEN INCLUDED TO BE USED IF REQUIRED.
- 3. IF THE FREE FLOW OF TRAFFIC IS IMPACTED ON VT ROUTE 14 DUE TO WORK ON SITE, CONTRACTOR TO PROVIDE AN MUTCD COMPLIMENT TRAFFIC CONTROL PLAN TO RESIDENT FOR REVIEW AND APPROVAL AT LEAST 14 DAYS IN ADVANCE OF THE WORK.
- 4. A BRIDGE REPLACEMENT PROJECT NEAR THE INTERSECTION OF ROUTE 14 (APPROXIMATELY 1/4 MILE SOUTH OF THIS PROJECT AREA) WILL BE UNDER CONSTRUCTION DURING THE CONSTRUCTION OF THIS PROJECT. COORDINATION MAY BE NECESSARY AND NO ADDITIONAL COMPENSATION WILL BE PAID FOR COORDINATION.
- 5. THE CONTRACTOR SHALL PROVIDE ACCESS THROUGH THE WORK ZONE FOR EMERGENCY VEHICLES.
- 6. IF FLAGGERS ARE NECESSARY ON VT ROUTE 14, THE FLAGGER SIGN PACKAGE SHALL BE INSTALLED PRIOR TO FLAGGING OPERATIONS.
- 7. WORK ZONE TRAFFIC SHALL NOT IMPEDE THE SIGNAL OPERATION AT THE INTERSECTION OF US ROUTE 2 AND VT ROUTE 14 ADJACENT TO THIS SITE.



ROAD WORK

AHEAD

LOCATION	ERW	RW500	RWA	SRW500	SRWA	SIZE
ROUTE 2 NB				2	2	48''×48''
ROUTE 2 SB				2	2	48''×48''
ROUTE 14	2	2	2			48''×48''
TOTALS	2	2	2	4	4	

CONSTRUCTION APPROACH SIGNING

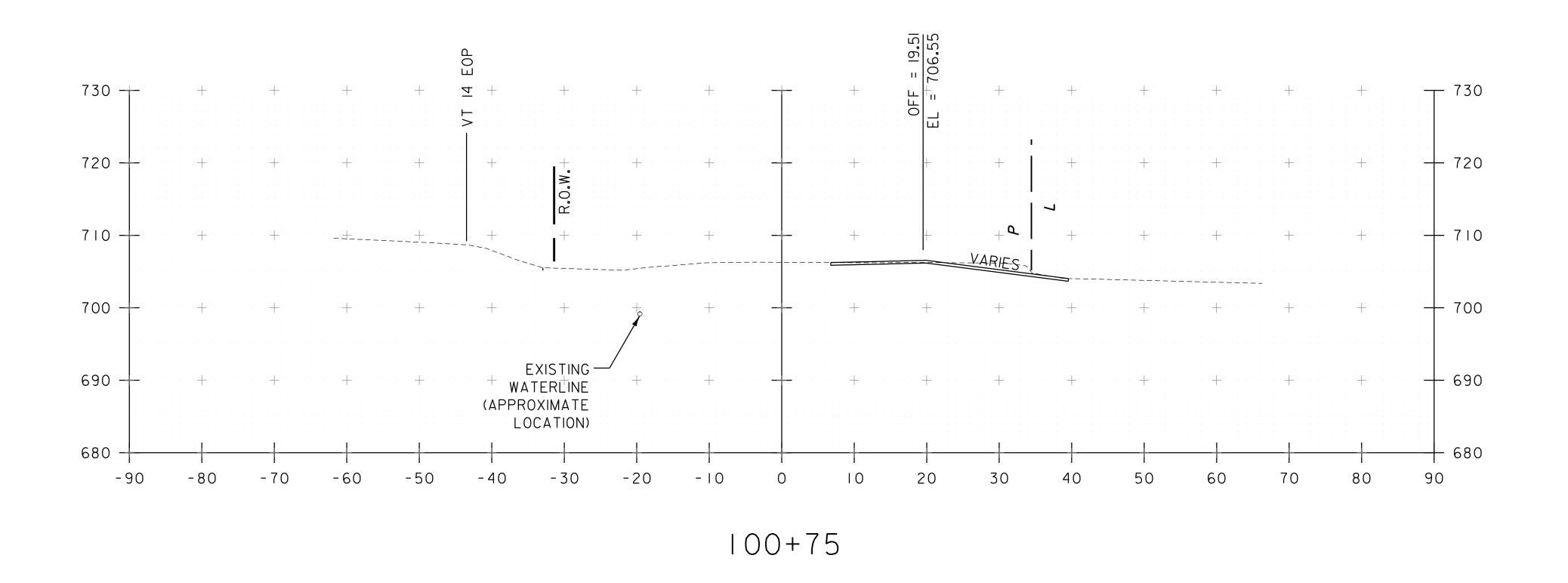
NOT TO SCALE SEE VTrans STANDARD T-1 FOR SIGN PLACEMENT. ALL TEMPORARY CONSTRUCTION SIGNING WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 641.10.

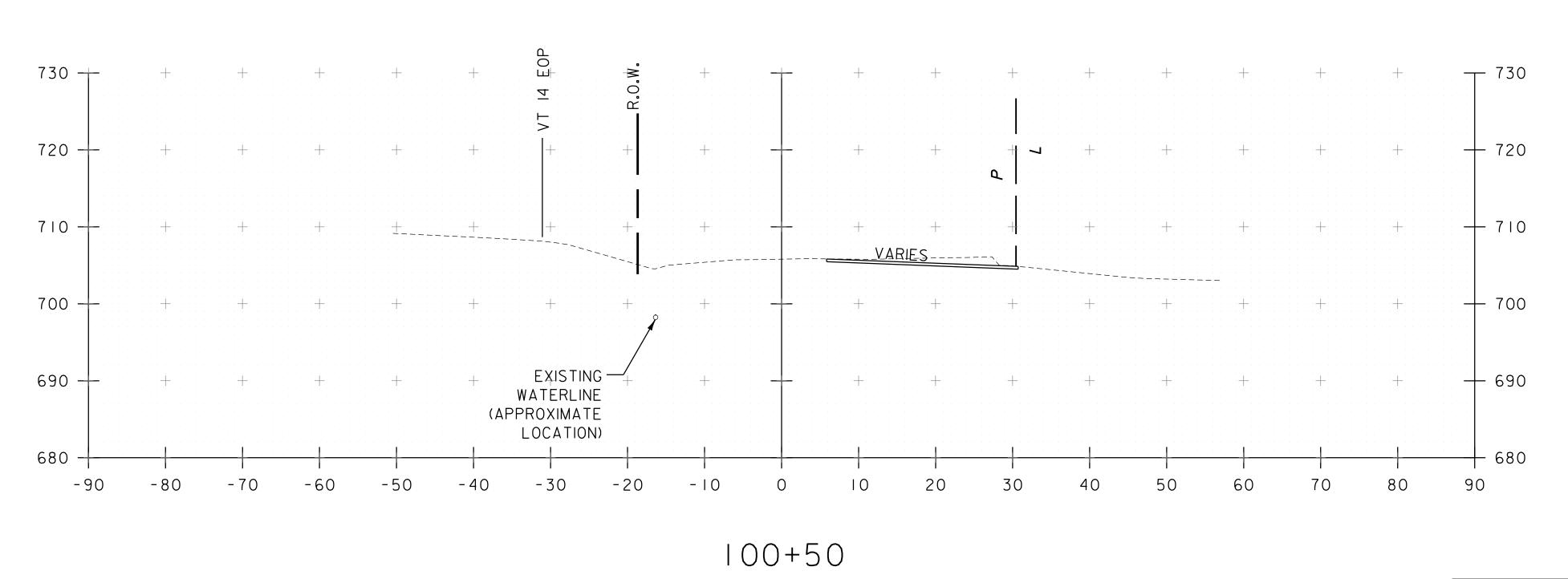


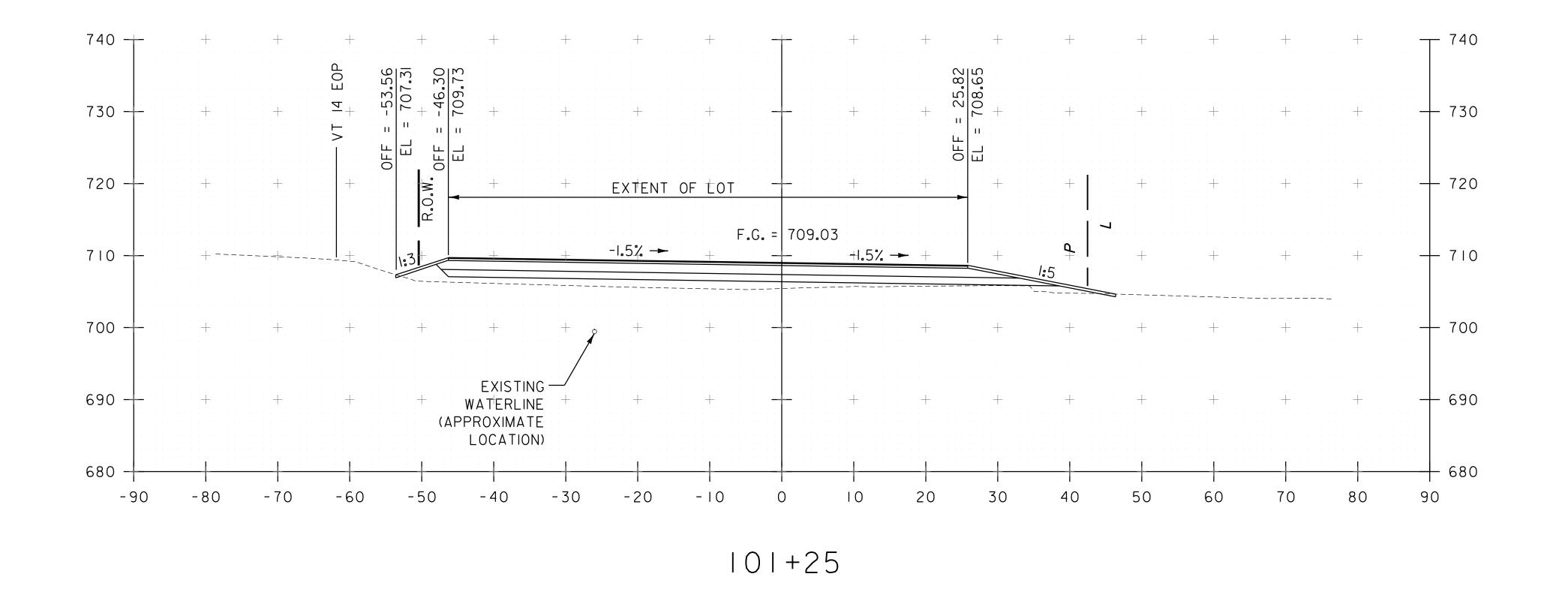
EAST MONTPELIER PARK-AND-RIDE PROJECT NAME: PROJECT NUMBER: CMG PARK(37)

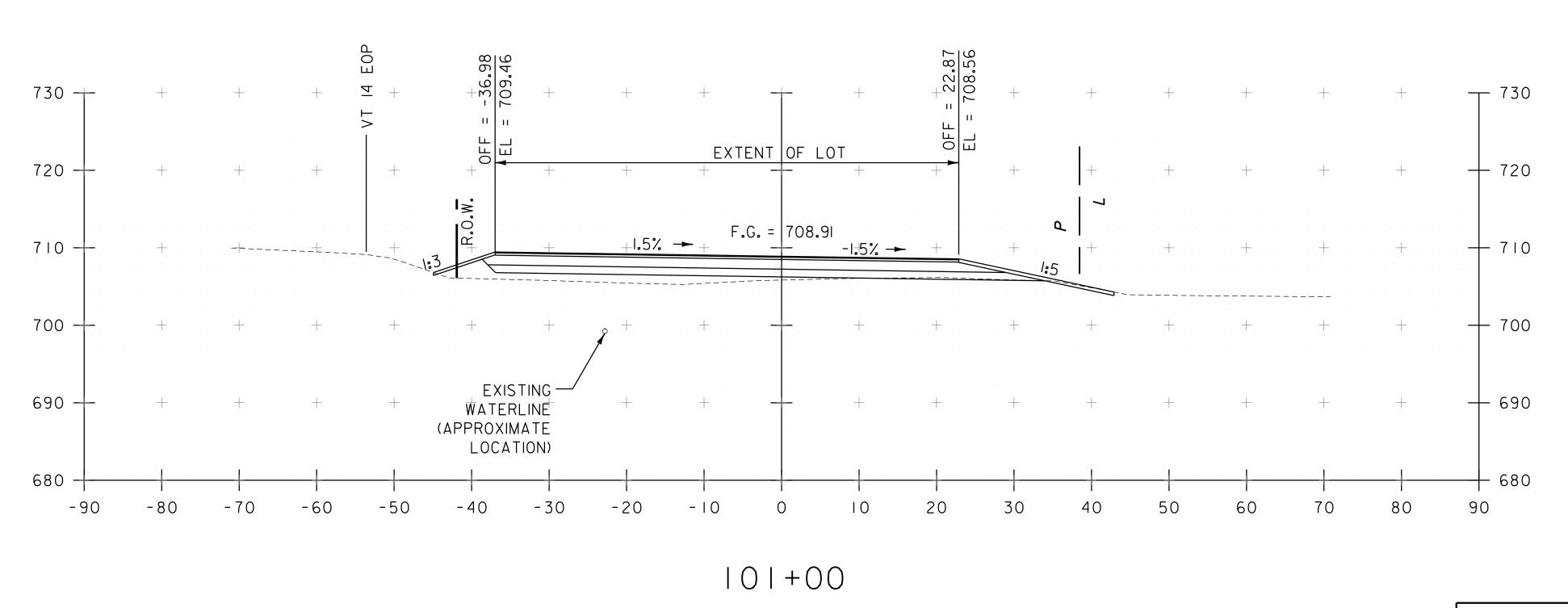
FILE NAME: ...\drawing\zllk350typ.dgn PROJECT LEADER: G. SANTY DESIGNED BY: G. BURGMEIER CONSTRUCTION APPROACH SIGNING

PLOT DATE: 5/2/2017 DRAWN BY: P,ARMATA CHECKED BY: G. SANTY SHEET 35 OF 42







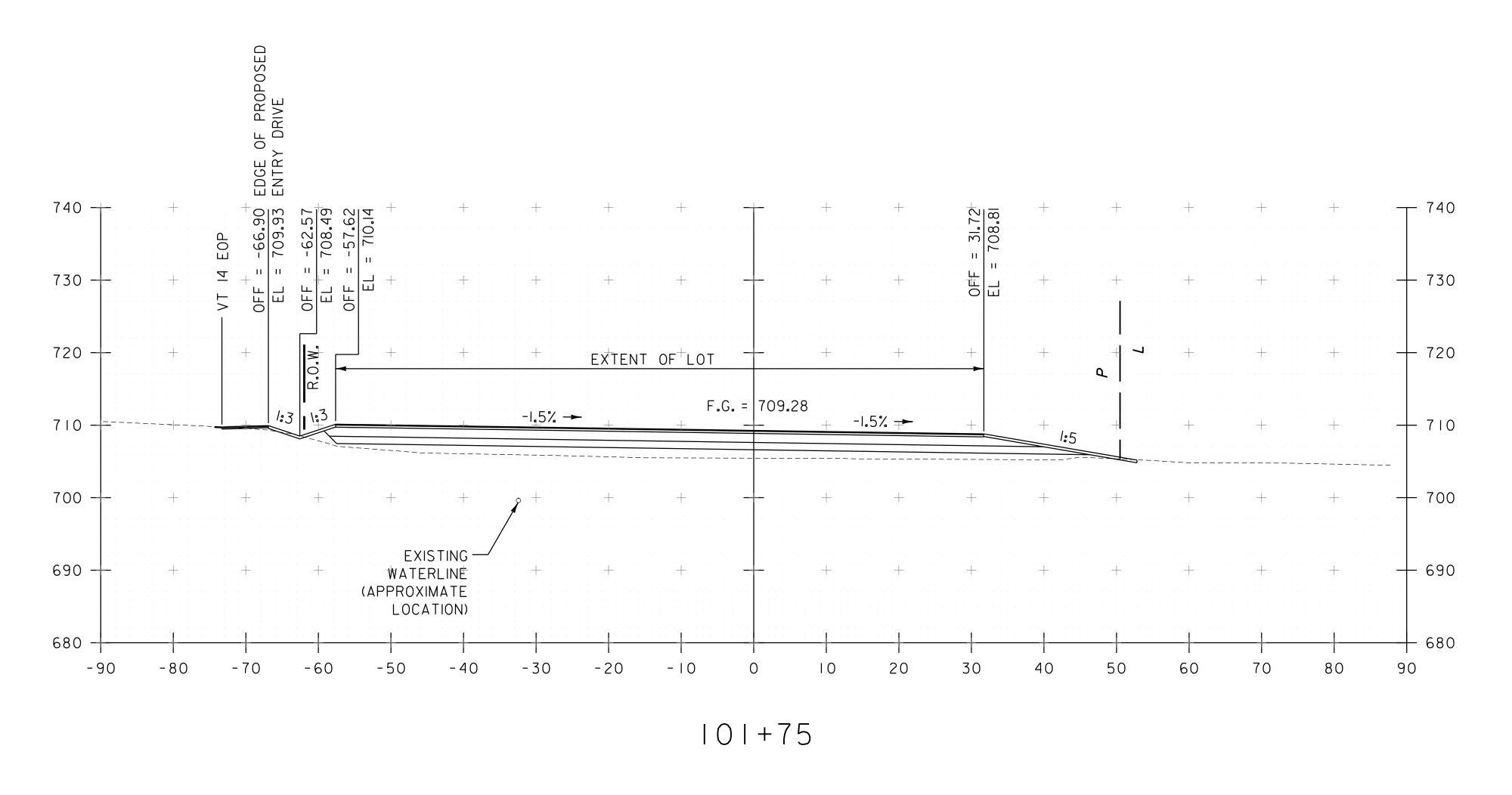


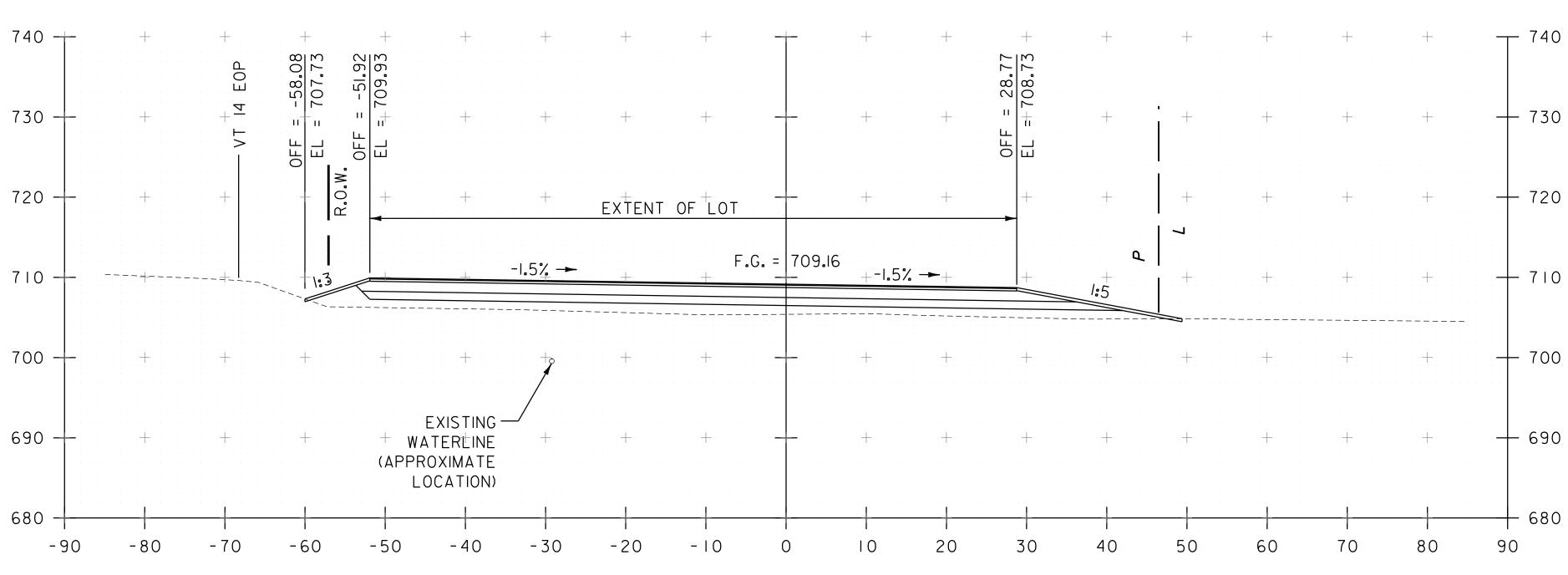
Stantec

PROJECT NAME: EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37)

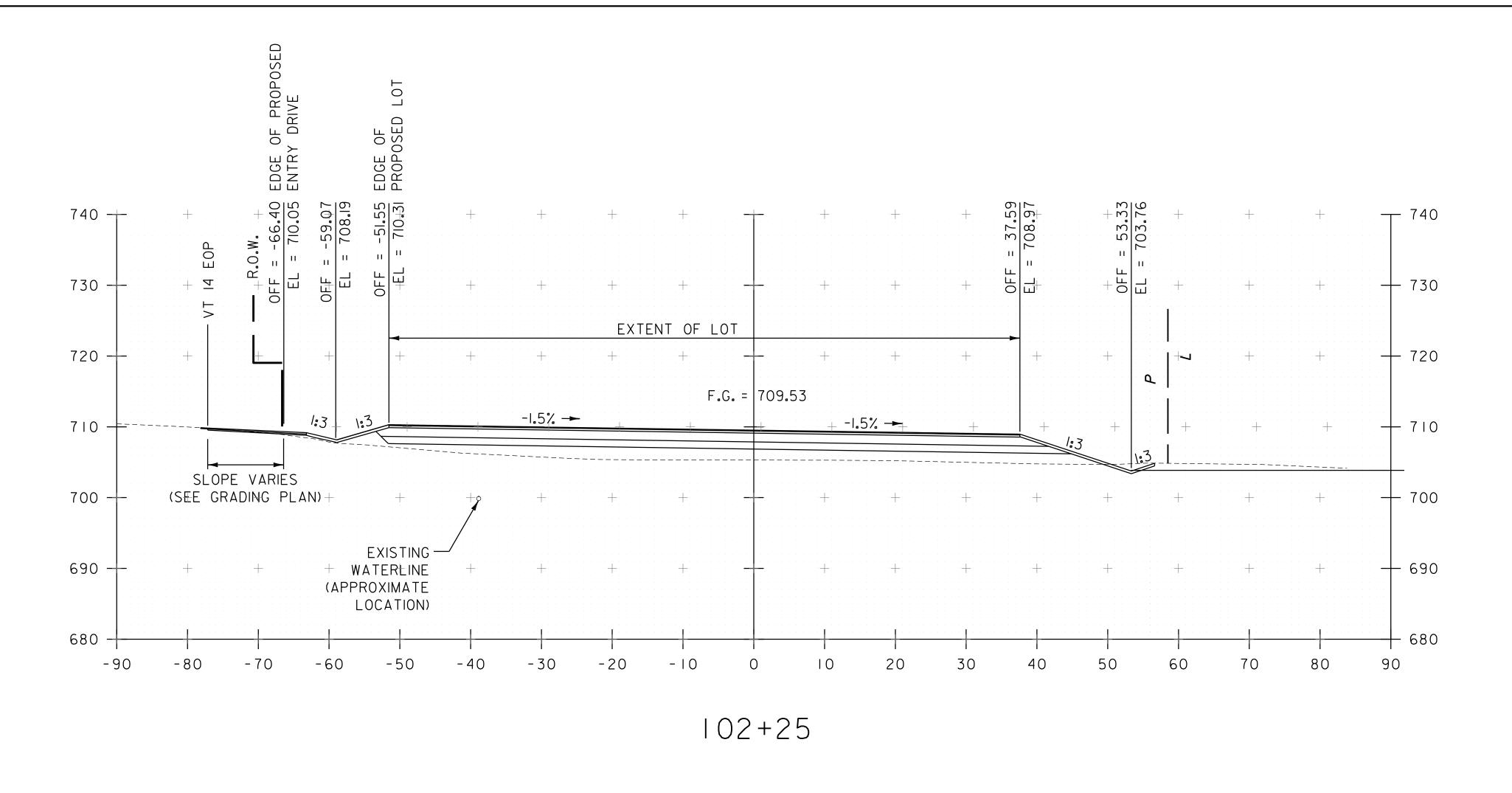
FILE NAME: zIIK350xs.dgn
PROJECT LEADER: G. SANTY
DESIGNED BY: G. BURGMEIER
CROSS SECTIONS SHEET 2

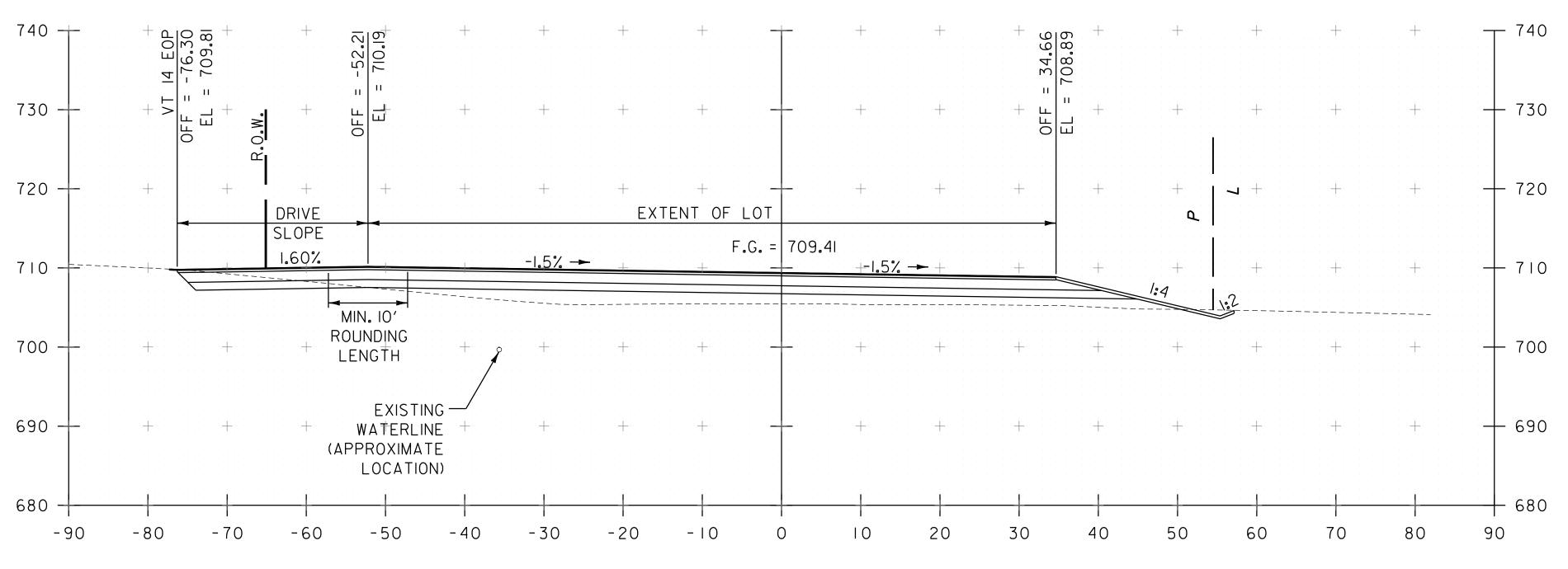
PLOT DATE: 5/2/2017
DRAWN BY: G. BURGMEIER
CHECKED BY: G. SANTY
SHEET 37 OF 42





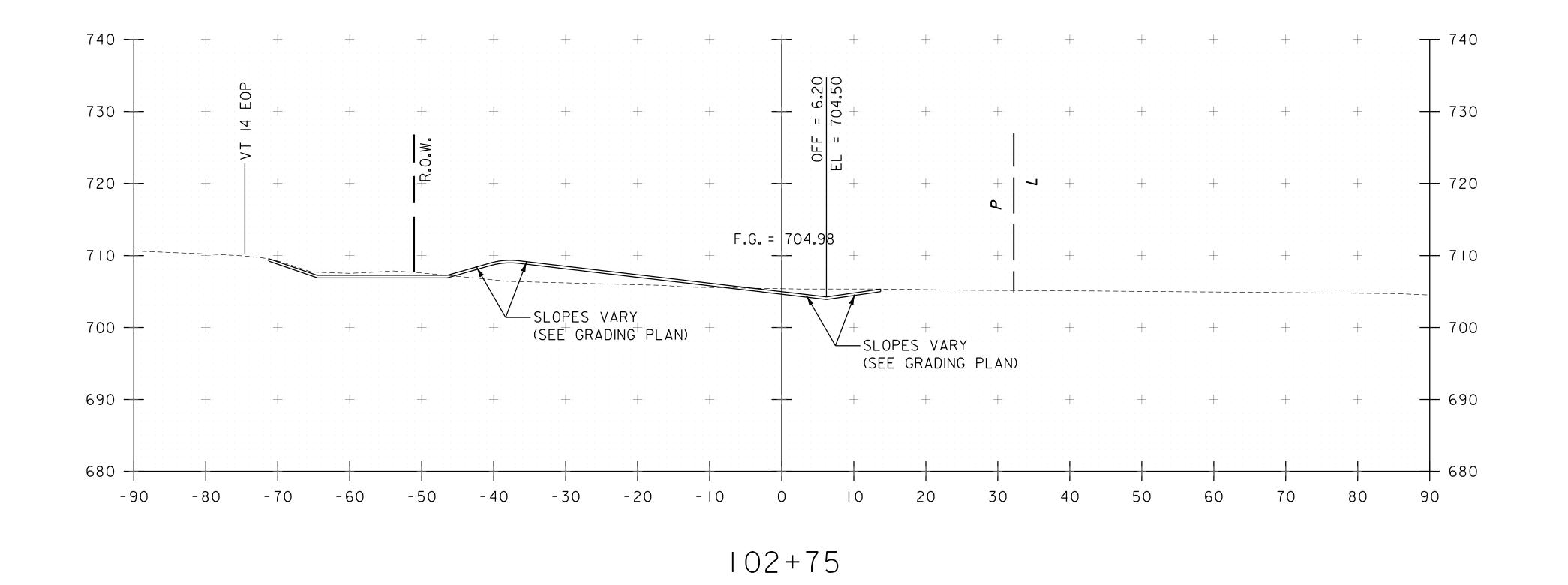
101+50

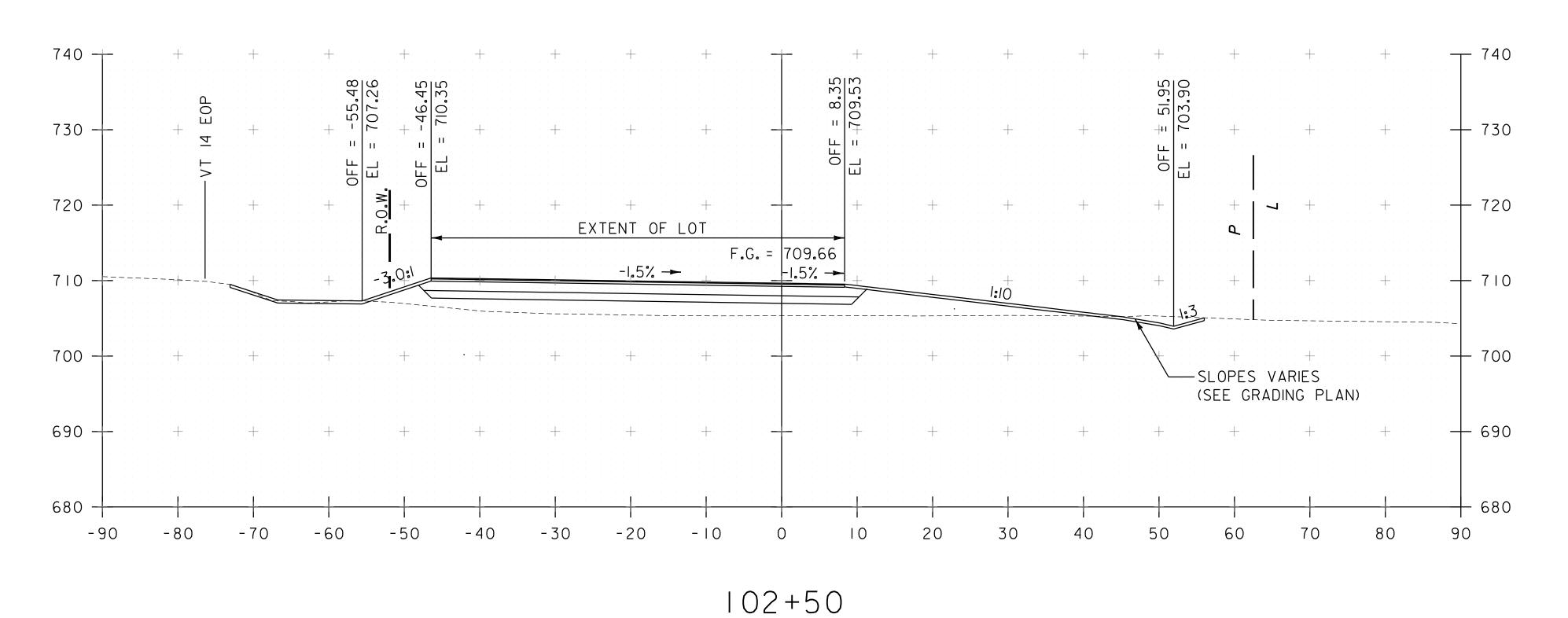


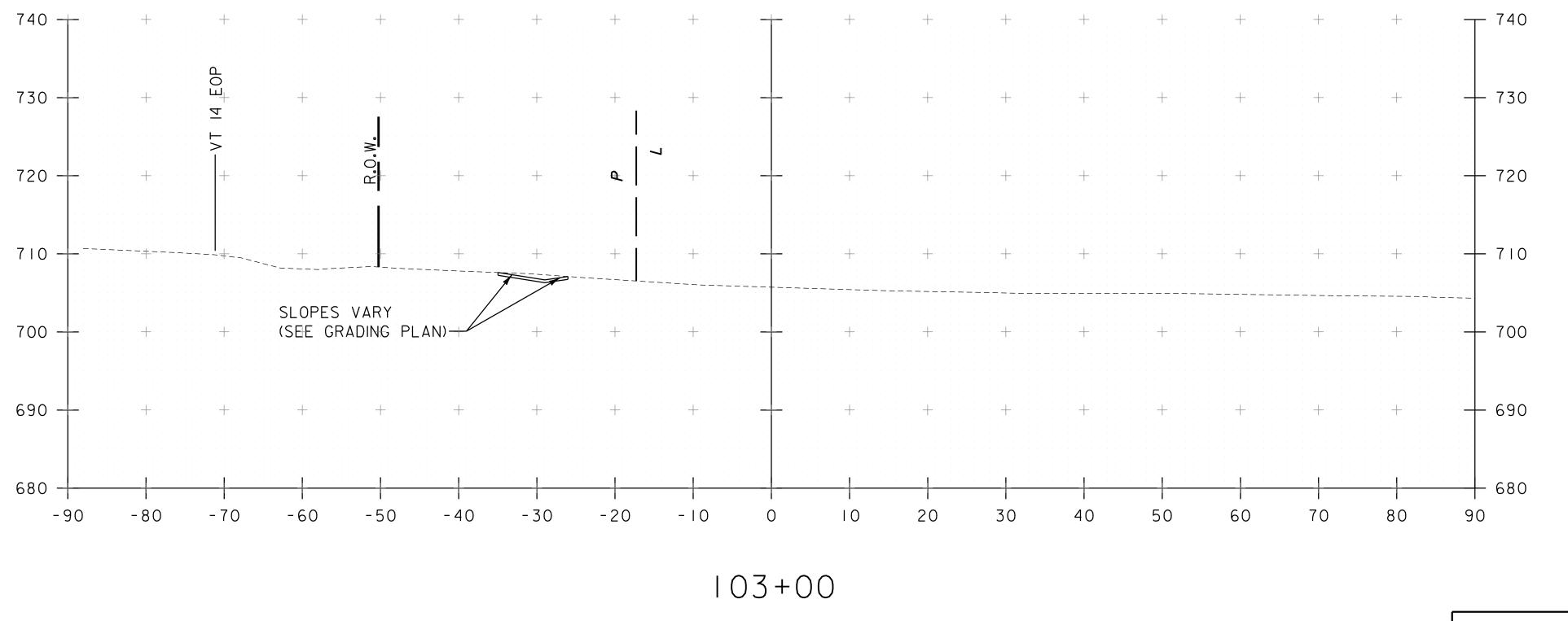


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Stantec

PROJECT NAME: EAST MONTPELIER PARK-AND-RIDE PROJECT NUMBER: CMG PARK(37)

FILE NAME: zIIK350xs.dgn
PROJECT LEADER: G. SANTY
DESIGNED BY: G. BURGMEIER
CROSS SECTIONS SHEET 6

PLOT DATE: 5/2/2017
DRAWN BY: G. BURGMEIER
CHECKED BY: G. SANTY
SHEET 41 OF 42

