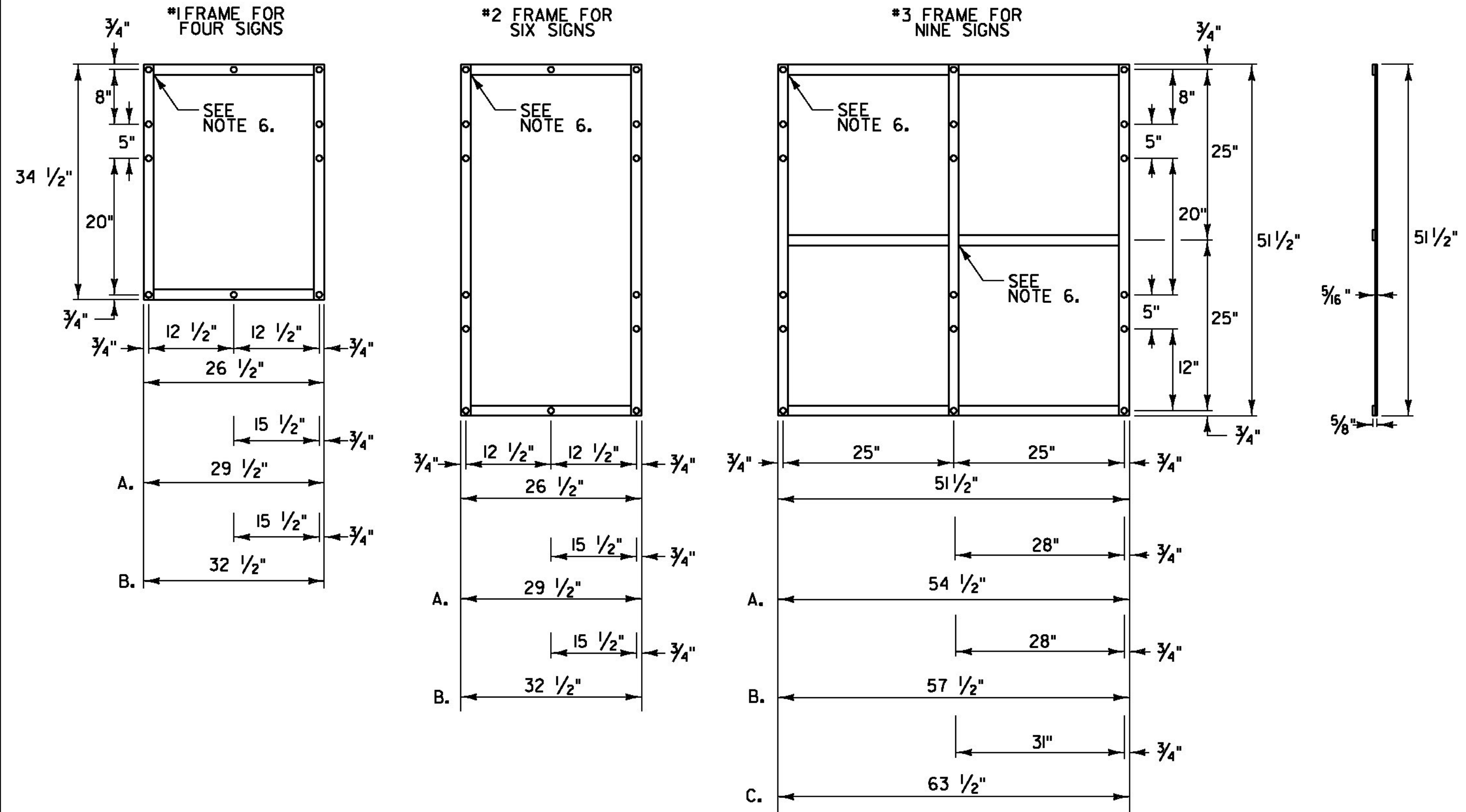


ROUTE MARKER ASSEMBLY FRAMES



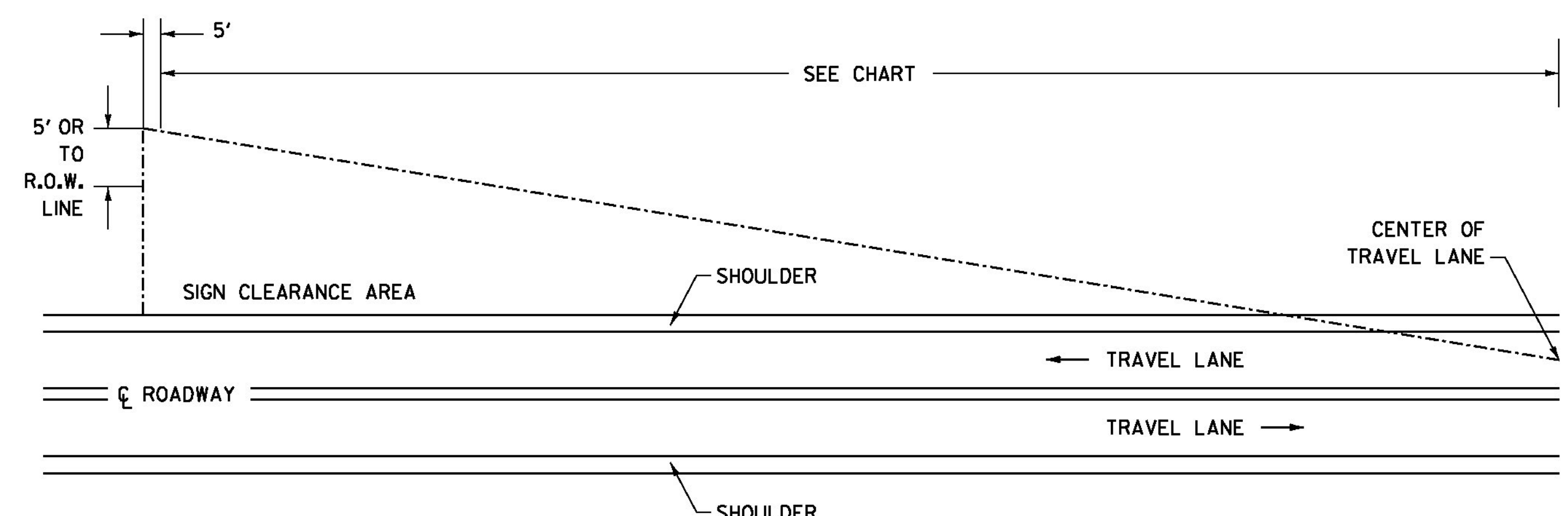
NOTES:

1. NOTES FOR #1 AND #2 FRAME:
 - A. WITH ONE 30 INCH THREE DIGIT SIGN
 - B. WITH TWO 30 INCH THREE DIGIT SIGNS
2. NOTES FOR #3 FRAME:
 - A. WITH ONE 30 INCH THREE DIGIT SIGN IN AN OUTSIDE POSITION.
 - B. WITH ONE 30 INCH THREE DIGIT SIGN IN THE CENTER POSITION OR TWO SUCH SIGNS IN THE OUTSIDE POSITIONS.
 - C. WITH THREE 30 INCH THREE DIGIT SIGNS.
3. ALL HOLES SHALL BE 7/16" DIAMETER. FOR OTHER SIGN COMBINATIONS THAN ABOVE, THE FRAME DIMENSIONS AND HOLE SPACING SHALL BE MODIFIED AS NECESSARY. THE FRAME SHALL BE PAINTED WITH ONE COAT OF PRIMER AND A SECOND COAT OF BLACK PAINT. THE PAINT SHALL BE OF THE TYPE USED ON EXTERIOR METAL SURFACES TO PREVENT METAL CORROSION.
4. ALL DIMENSIONS SHOWN IN INCHES UNLESS OTHERWISE NOTED.
5. FRAMES SHALL BE CONSTRUCTED OF 5/16" x 1/2" A-36 STEEL.
6. ALL OVERLAPPED CONNECTIONS SHALL BE WELDED WITH TWO 1/4" WIDE FILLET WELDS, 1 1/2" LONG.

TRAFFIC SIGN NOTES

1. 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 SUBSECTION 750.08.
4. ALL STREET NAME SIGNS ARE TWO-SIDED UNLESS NOTED OTHERWISE.
5. WHEN INSTALLING STREET NAME SIGNS (D3-1) USE 12" BRACKETS.
6. UNLESS OTHERWISE DETAILED ON THE PLANS, ALL SIGN BASE MATERIALS SHALL BE FLAT SHEET ALUMINUM WITH THE FOLLOWING MINIMUM THICKNESSES:

SIZES	24" X 10"	36" X 12"	48" X 18"
	24" X 10"	36" X 15"	
	24" X 12"	42" X 12"	
	30" X 12"	48" X 12"	
	24" X 18"	36" X 18"	
	24" X 24"	54" X 12"	48" X 18"
	24" X 30"	36" X 24"	48" X 24"
	9" X 12"	30" X 15"	30" X 42"
	12" X 12"	30" X 18"	36" X 36"
	18" X 18"	30" X 30"	36" X 48"
	21" X 15"	30" X 42"	36" X 54"
			48" X 60"
THICKNESS	0.080"	0.080"	0.100"



THE CONTRACTOR SHALL REMOVE ALL WOODY STEMMED GROWTH INCLUDING BRUSH, SAPPLINGS, TREE LIMBS GROWING WITHIN OR PROJECTING INTO THE CLEARANCE AREA AND DOWN TO GROUND LEVEL OR AT LEAST 10 FEET BELOW THE BOTTOM OF THE SIGN. PAYMENT WILL BE FOR THINNING AND TRIMMING FOR SIGNS, ITEM 201.31, AND PAID FOR PER EACH. NO CHEMICALS (POISONS OR DEFOLIANTS) ALLOWED.

CLEARING LIMITS FOR SIGNS ON CONVENTIONAL ROADS

- ST. JOHNSBURY U.S. ROUTE 2 STA. 169+31, RT
- ST. JOHNSBURY U.S. ROUTE 2 STA. 175+45, RT
- ST. JOHNSBURY U.S. ROUTE 2 STA. 175+90, LT
- ST. JOHNSBURY U.S. ROUTE 2 STA. 176+09, RT
- ST. JOHNSBURY U.S. ROUTE 2 STA. 218+56, RT
- ST. JOHNSBURY U.S. ROUTE 2 STA. 218+75, LT
- ST. JOHNSBURY U.S. ROUTE 2 STA. 219+75, LT
- ST. JOHNSBURY U.S. ROUTE 5 STA. 88+65, LT
- ST. JOHNSBURY U.S. ROUTE 5 STA. 98+80, LT
- ST. JOHNSBURY U.S. ROUTE 5 STA. 106+19, RT
- ST. JOHNSBURY U.S. ROUTE 5 STA. 123+49, LT
- ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 32+42, RT
- ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 33+46, RT
- ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 36+40, LT
- ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 37+63, RT
- ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 43+25, RT
- ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 48+63, RT
- ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 51+59, RT
- LYNDON U.S. ROUTE 5 STA. 154+04, LT
- LYNDON U.S. ROUTE 5 STA. 155+58, LT
- LYNDON ALT. VT ROUTE 122 STA. 17+80, RT

MINIMUM SIGN SIGHT DISTANCE CHART

APPROACH SPEED (mph)	SIGHT DISTANCE (feet)
30 OR LESS	300
35	350
40	400
45	450
50	500
55	550

NOT TO SCALE

<p>TRAFFIC SIGN DETAIL SHEET #13</p>	PROJECT NAME: ST JOHNSBURY - LYNDON
	PROJECT NUMBER: STP 2936(1)
	FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS	PLOT DATE: 5/5/2014
DESIGNED BY: D. DRAPER	DRAWN BY: D. DRAPER
	CHECKED BY: J. LITTLE
	SHEET 241 OF 250

