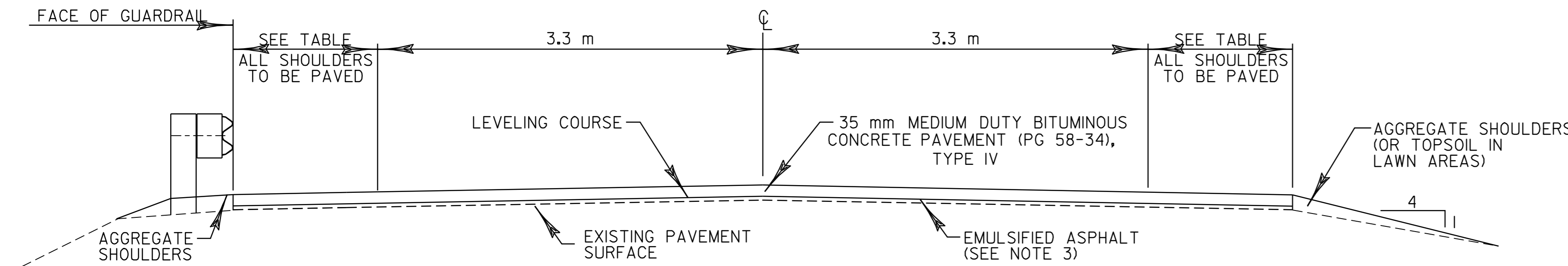


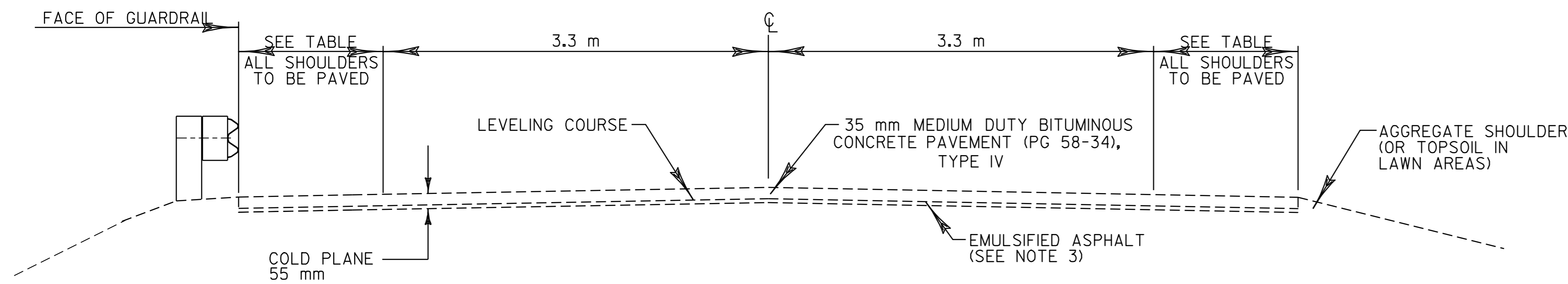
### NOTES

1. THE WEARING COURSE SHALL BE TYPE IV MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE ~~III~~ UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL ASPHALT CEMENT USED IN THE MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON ALL COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.12 L/m<sup>2</sup> OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 5 mm (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. ALL DRIVEWAYS, MAILBOX TURNOUTS AND GRAVEL PULLOUTS SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ALL MAILBOX TURNOUTS SHALL HAVE THE EXISTING EDGE OF PAVEMENT BACKED-UP WITH COLD PLANE GRINDINGS PRIOR TO THE PLACEMENT OF THE PAVED APRON. ALL GRAVEL PULLOUTS SHALL HAVE 100 mm OF COLD PLANE GRINDINGS PLACED ON THE EXISTING SURFACE AND COMPACTED. THE CONTRACTOR SHALL COMPLETE THIS WORK USING COLD PLANE GRINDINGS PRODUCED DURING THE CONSTRUCTION OF THIS PROJECT. COMPENSATION FOR THIS WORK SHALL BE MADE UNDER THE APPROPRIATE EQUIPMENT RENTAL ITEM(S).
5. EARTH BORROW SHALL BE USED FOR THE PROVISION OF CONSTRUCTING END SECTION FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 75 mm DEPTH OF AGGREGATE SHOULDER MATERIAL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 20 m<sup>3</sup> OF EARTH BORROW AND 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARDRAIL TERMINAL.
6. GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 406.27 MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-34).
7. THE PROPOSED GUARDRAIL SHALL BE INSTALLED IN A LOCATION THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL. 1.0 m OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 1.8 m POSTS. IF THIS CANNOT BE OBTAINED, THEN 2.4 m POSTS SHALL BE USED.
8. FIFTY (50) SERVICABLE AND UNDAMAGED 3.8 M STEEL BEAM GUARD RAIL PANELS THAT ARE REMOVED FROM THE PROJECT SHALL REMAIN THE PROPERTY OF THE STATE OF VERMONT. THE CONTRACTOR SHALL LOAD THESE PANELS ONTO SUITABLE TRANSPORT AND DELIVER THEM TO THE STATE OF VERMONT MAINTENANCE FACILITY ON VT RTE 15 IN CAMBRIDGE. THE CONTRACTOR SHALL CONTACT MARK LEHOULLIER AT (802) 644 2023 AT LEAST TWO WEEKS PRIOR TO DELIVERY TO COORDINATE ACCESS ETC. THE STATE OF VERMONT WILL PROVIDE THE LOCATION, EQUIPMENT, AND PERSONNEL TO STOCKPILE THESE MATERIALS. ALL COSTS WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE ITEM UNDER WHICH THEY WERE REMOVED.
9. THE PAVING/COLD PLANE LIMIT FOR ALL INTERSECTING TOWN HIGHWAYS THAT ARE PAVED SHALL BE 8 METERS FROM THE OUTSIDE EDGE OF THE HIGHWAY SHOULDER OR AS DIRECTED BY THE ENGINEER.



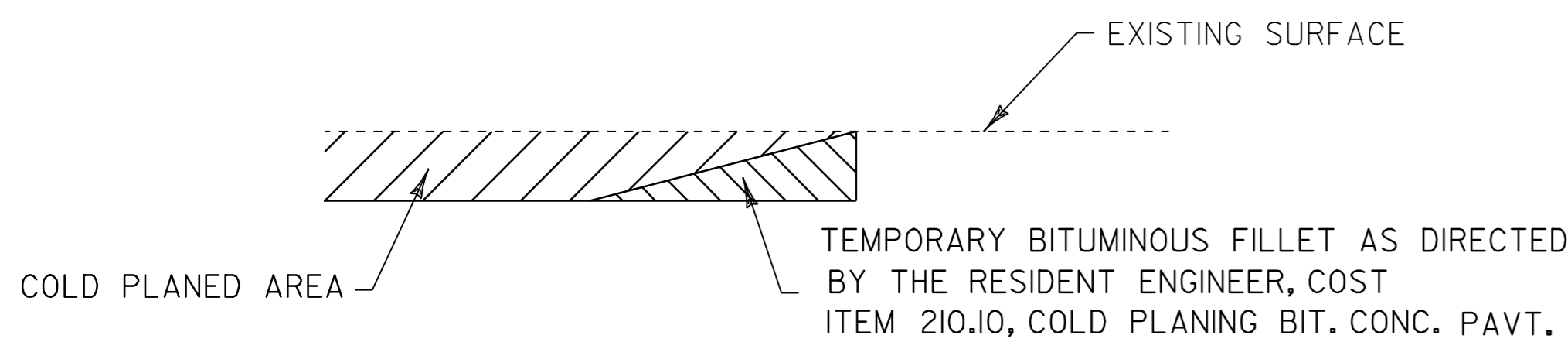
### OVERLAY TYPICAL SECTION

VT ROUTE 108 STA. 3+513.198 TO STA. 13+244.901 ~~11+800.000~~  
 VT ROUTE 108 STA. 12+200.000 TO STA. 13+244.901

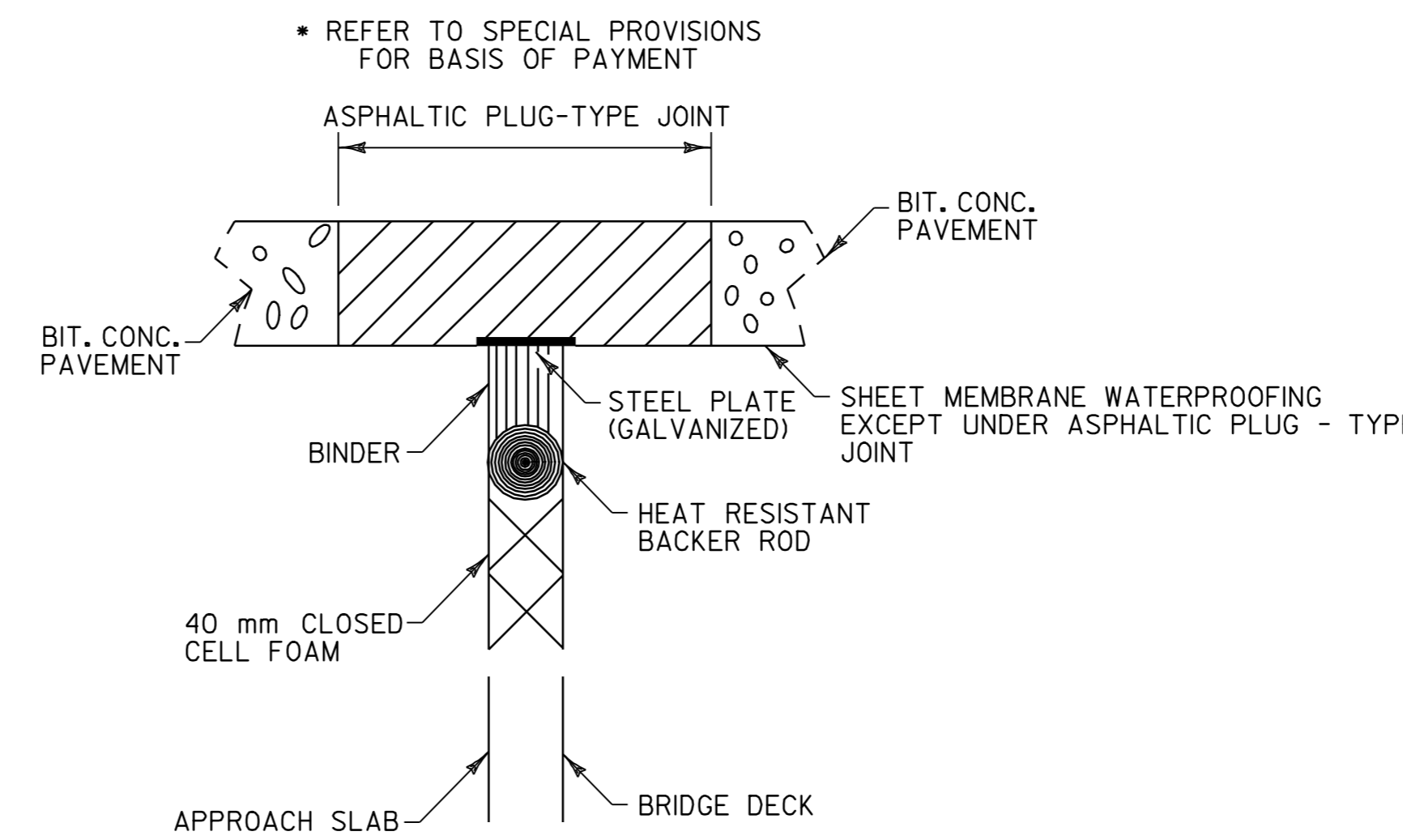


### COLD PLANE TYPICAL SECTION

VT ROUTE 108 STA. 13+244.901 TO STA. 14+583.875  
 VT ROUTE 108 APPROACH STA. 0+000.000 TO STA. 0+439.351  
 VT ROUTE 108 STA. 11+800.000 TO STA. 12+200.000



### DETAIL AT VERTICAL COLD PLANE JOINTS



### ASPHALTIC PLUG JOINT DETAIL

BRIDGE 17 CAMBRIDGE STA. 6+405.98 - ONE AT SOUTHERN ABUTMENT

### CONSERVATION SEED MIX

		RURAL AREA - SEED MIXTURE		
% WT.	kg/ha.	NAME	PUR. %	GERM. %
37.14	26.0	CREEPING RED FESCUE	98	85
37.14	26.0	TALL FESCUE	95	90
5.71	4.0	RED TOP	95	90
14.30	10.0	BIRDSFOOT TREFOL	98	85
5.71	4.0	ANNUAL RYEGRASS	95	85
100.0	70.0			

SEED MIXTURE:  
 SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS WEED SEED.

SEED:  
 TO BE APPLIED PER SEEDING FORMULA DIRECTED BY THE RESIDENT ENGINEER

FERTILIZER:  
 FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 kg/ha (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)

AGRICULTURAL LIMESTONE:  
 TO BE APPLIED AT THE RATE OF 4.5 tons/ha OR AS DIRECTED BY THE RESIDENT ENGINEER.

HAY MULCH:  
 TO BE APPLIED ON EARTH SLOPES AT THE RATE OF 4.5 tons/ha, OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

### PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING †	NOTES
CAMBRIDGE VT. RTE 108 APPR.	0+000.000	0+439.351	1.8 m - 3.3 m - 3.3 m - 1.8 m	35 mm	272	COLD PLANE 55 mm, LEVEL WITH 20 mm TYPE <del>IV</del> & PAVE WITH 35 mm TYPE IV
CAMBRIDGE VT. RTE 108	3+513.198	13+244.901	0.8 m - 3.3 m - 3.3 m - 0.8 m	35 mm	4597	LEVEL WITH 20 mm TYPE <del>IV</del> & PAVE WITH 35 mm TYPE IV
CAMBRIDGE VT. RTE 108	13+244.901	14+001.292	0.8 m - 3.3 m - 3.3 m - 0.8 m	35 mm	358	COLD PLANE 55 mm, LEVEL WITH 20 mm TYPE <del>IV</del> & PAVE WITH 35 mm TYPE IV
CAMBRIDGE VT. RTE 108	14+001.292	14+583.875	1.8 m - 3.3 m - 3.3 m - 1.8 m	35 mm	342	COLD PLANE 55 mm, LEVEL WITH 20 mm TYPE <del>IV</del> & PAVE WITH 35 mm TYPE IV

### PROJECT TYPICAL SHEET #1

SURVEYED BY	N/A	DATE	N/A
DRAWN BY	LOCKE	DATE	JAN 04
SQUAD LEADER	WOOLAYER		
DESIGN FILE NO.	/pave/99cl88/99cl88.dgn		
IPARM FILE		DATE PLOTTED	
PROJ. NAME	CAMBRIDGE		
PROJ. NO.	STP 2218(1)S		
SHEET	2	OF	28

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A