

CHESTERFIELD INLET, NUNAVUT FUEL STORAGE FACILITY UPGRADE AND EXPANSION

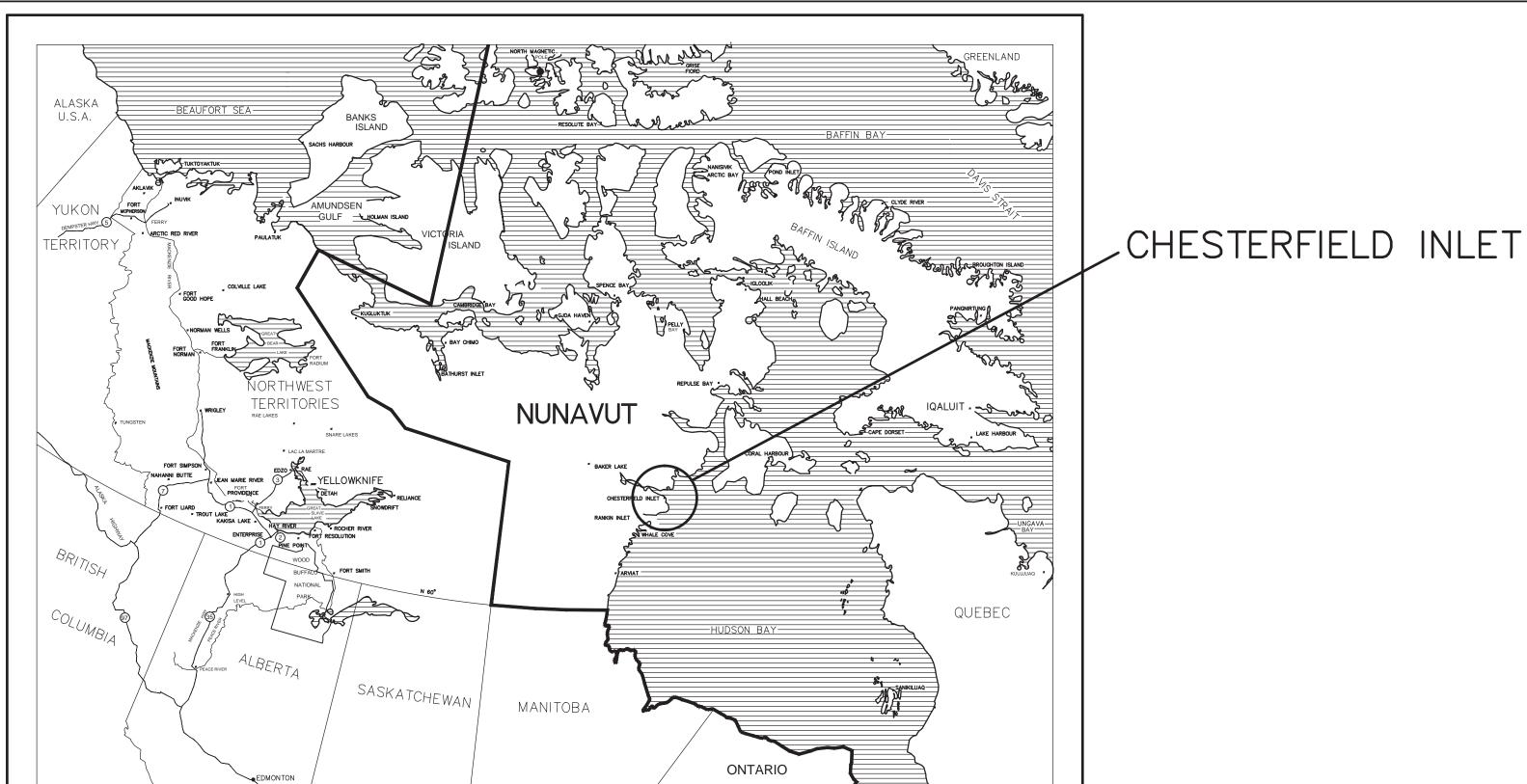
RECORD DRAWINGS

NOVEMBER 01, 2013



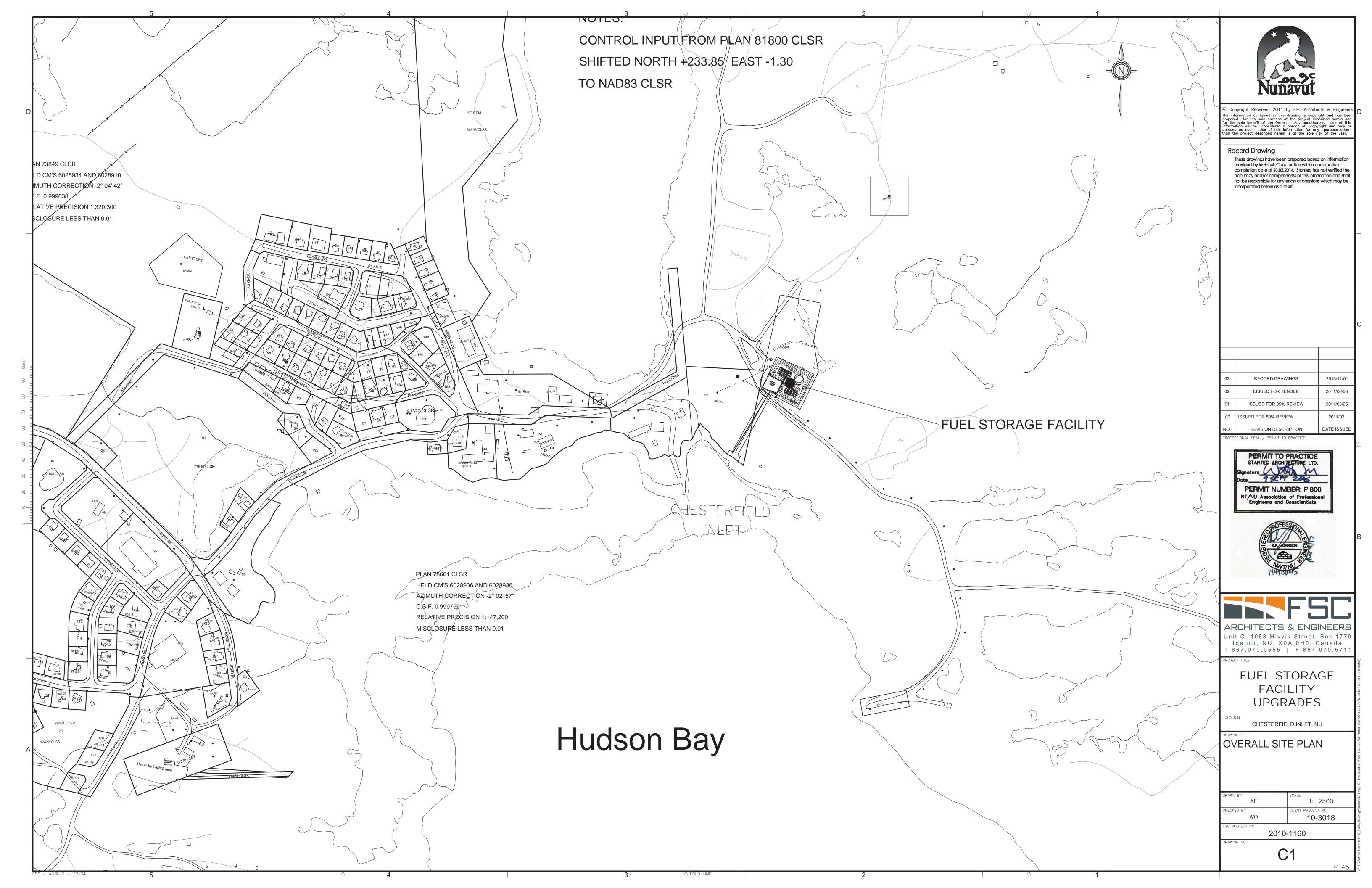
BLDG. 1088C IQALULT NU XOA 0H0, Canada (867)979-0555 FAX (867) 979-5711 WWW.FSC.CA

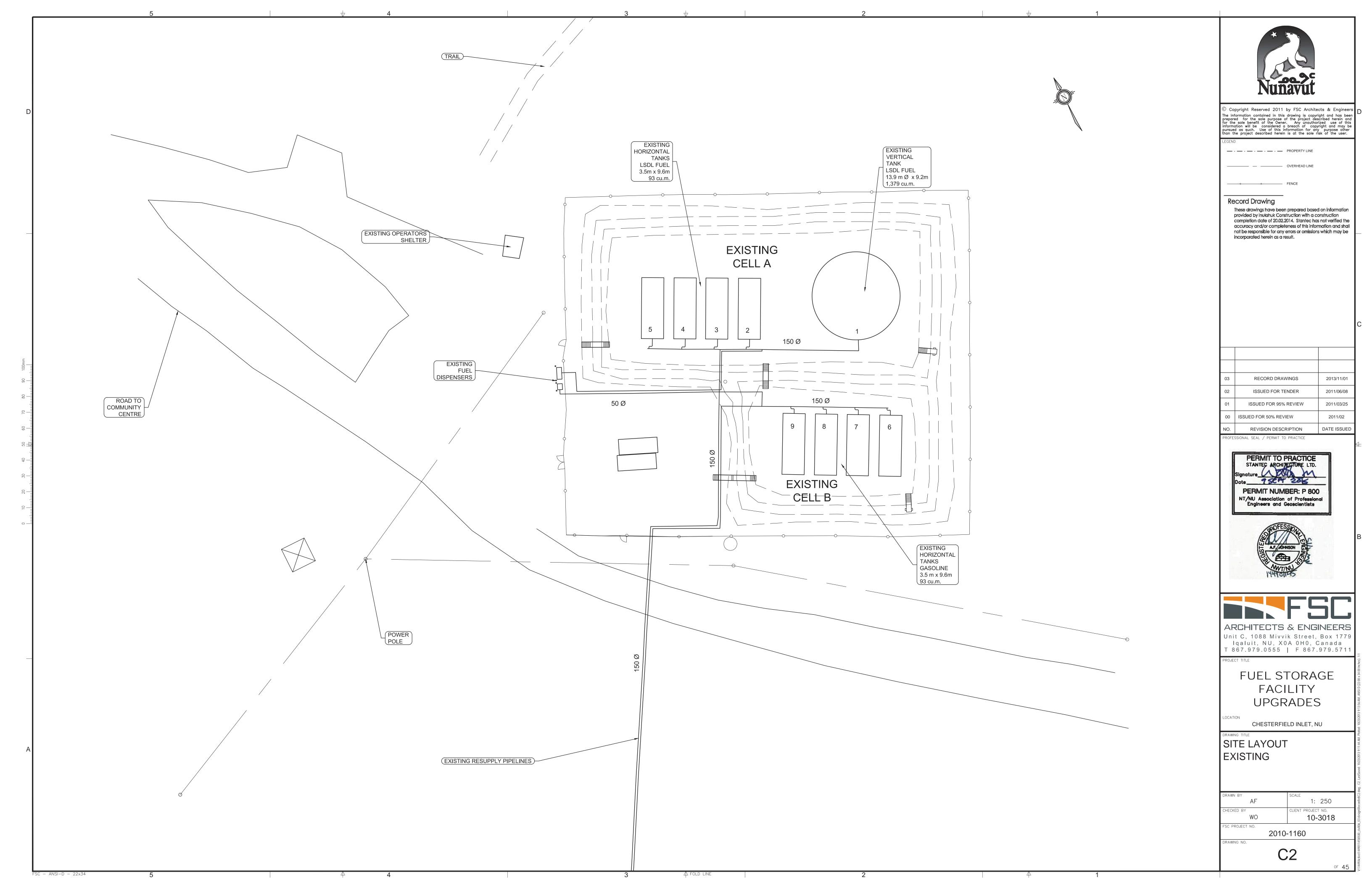
DRAWING SET No.

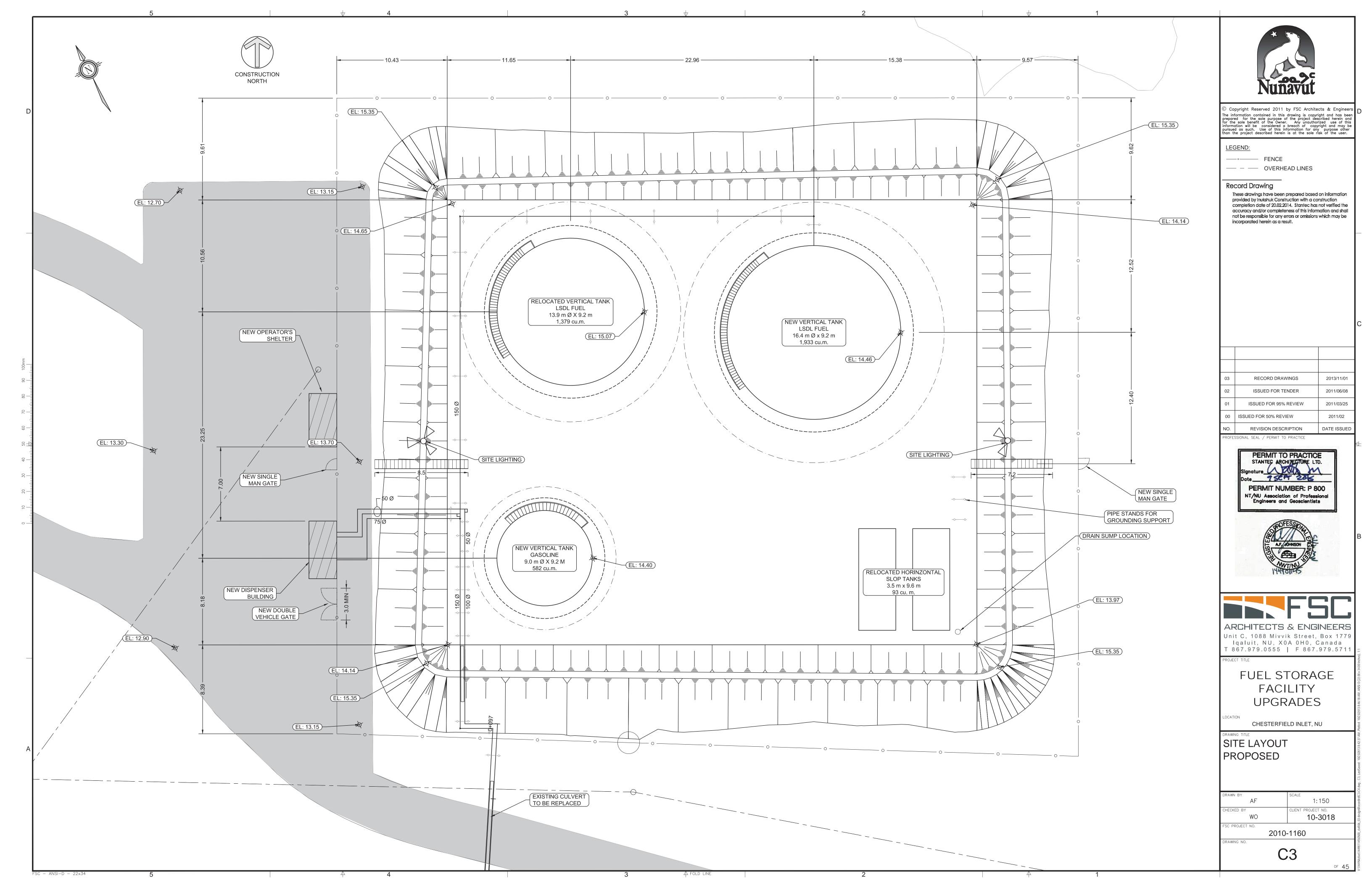


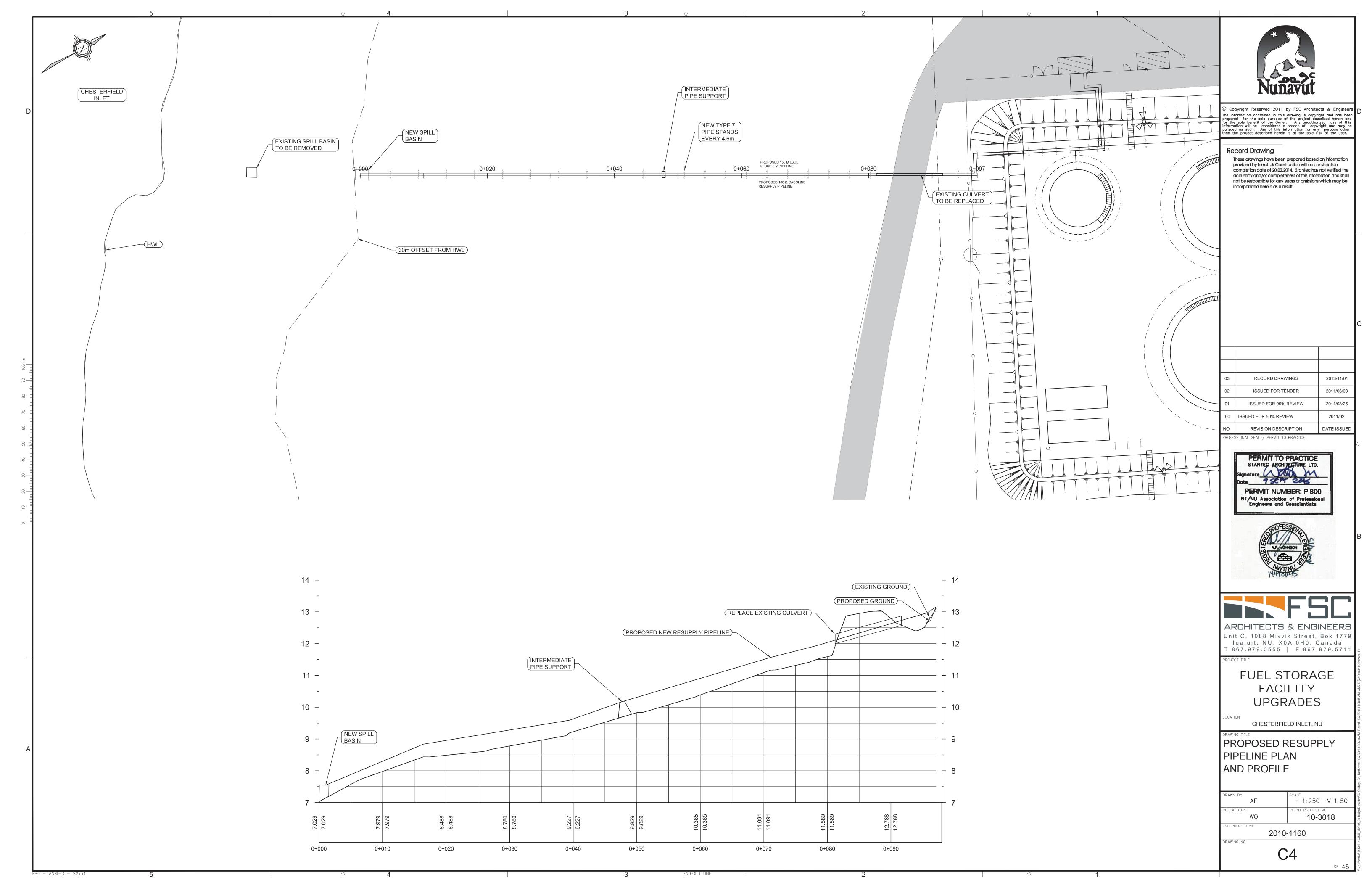
LIST OF DRAWINGS

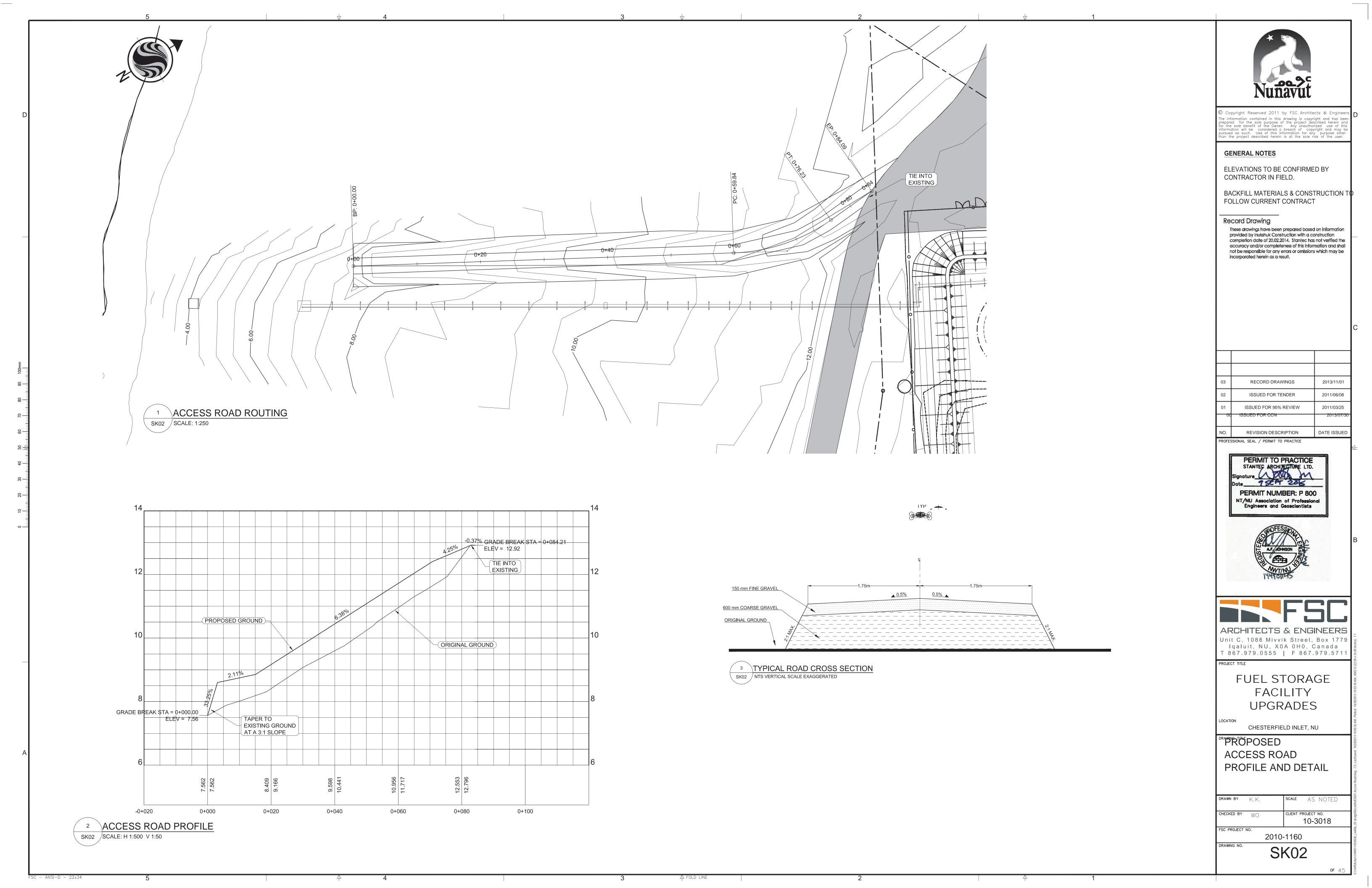
CIV	<u>(IL</u> OVERALL SITE PLAN	C1	ELECTRICAL 75 SITE DOWED AND LIGHTING DIAM AND DETAILS
2.	SITE LAYOUT EXISTING	C1 C2	35. SITE POWER AND LIGHTING PLAN AND DETAILS E1 36. SITE GROUNDING PLAN E2
3.	SITE LAYOUT PROPOSED	C3	37. SITE GROUNDING DETAILS — SHEET ONE E3
4.	PROPOSED RESUPPLY PIPELINE PLAN & PROFILE	C4	38. SITE GROUNDING DETAILS — SHEET TWO 39. ELECTRICAL TANK LIGHTING DETAILS — SHEET ONE 40. ELECTRICAL TANK LIGHTING DETAILS — SHEET TWO E6
5.	RESUPPLY CONNECTION, SPILL BASIN & INTERMEDIATE PIPE SUPPORTS	C5	39. ELECTRICAL TANK LIGHTING DETAILS — SHEET ONE E5
6.	CONTAINMENT AREA AND BURIED SERVICES DETAILS	C6 C7	40. ELECTRICAL TANK LIGHTING DETAILS — SHEET TWO E6
/.	LANDFARM SITE LAYOUT LANDFARM CROSS SECTIONS	C7 C8	41. ELECTRICAL TANK LIGHTING DETAILS — SHEET THREE E7
	LANDI AKW CKCCC SECTIONS	00	42. OPERATOR'S SHELTER ELECTRICAL PLAN, ELEVATIONS, SCHEMATICS AND DETAILS — SHEET ONE E8
TI2	RUCTURAL		43. OPERATOR'S SHELTER ELECTRICAL PLAN, ELEVATIONS, SCHEMATICS E9
311		C1	44. GASOLINE/LSDL DISPENSER BUILDING ELECTRICAL PLAN,
9.	OPERATOR'S SHELTER FLOOR PLAN & ELEVATIONS OPERATOR'S SHELTER SECTIONS & DETAILS	S1	SECTION AND DETAILS E10
10.	PIPE SUPPORT AND DISPENSER BUILDING PAD DETAILS	S2 S3	45. GASOLINE/LSDL DISPENSER BUILDING ELECTRICAL DIAGRAMS
12	LSDL/GASOLINE DISPENSER BUILDING FLOOR PLAN AND ELEVATIONS	S4	AND TERMINAL BLOCKS E11
13.	LSDL/GASOLINE DISPENSER BUILDING SECTION AND DETAILS	S5	
14.	OPERATOR'S SHELTER & DISPENSER BUILDING SKID ASSEMBLY PLAN		
	SECTION AND DETAILS	S6	
15.	LSDL/GASOLINE DISPENSER BUILDING DETAILS	S 7	
16.	LSDL/GASOLINE DISPENSER BUILDING SUPPORT AND SAMPLE		
1 47	BARREL DETAILS	S8	
1 1 / .	STRUCTURAL ASSORTED DETAILS — SHEET ONE STRUCTURAL ASSORTED DETAILS — SHEET TWO	S9 S10	
19.	SPILL BASIN DETAILS — SHELL TWO	S11	
20.	FENCING AND MISCELLANEOUS DETAILS	S12	
ME	CHANICAL		
	NEW LSDL VERTICAL TANK	M1	
22.	NEW GASOLINE VERTICAL TANK	M2	
23.		М3	
24.		M4	
25. 26.	TANK FARM PROPOSED PIPING ISOMETRIC NEAR DISPENSER BUILDING TANK FARM PROPOSED PIPING ISOMETRIC NEAR NEW LSDL TANK	M5 M6	
27.		M7	
28.		1417	
	SECTIONS AND DETAILS	M8	
29.	LSDL/GASOLINE DISPENSER BUILDING PIPING PLAN, SECTIONS		
	AND DETAILS	М9	
30.	LSDL/GASOLINE DISPENSER BUILDING PIPING ISOMETRIC	M10	
31.	LSDL/GASOLINE DISPENSER BUILDING BILL OF MATERIALS	M11	
32. 33.	NEW TANK DETAILS MISCELLANEOUS DETAILS	M12 M13	
34.		M13	
		••••	

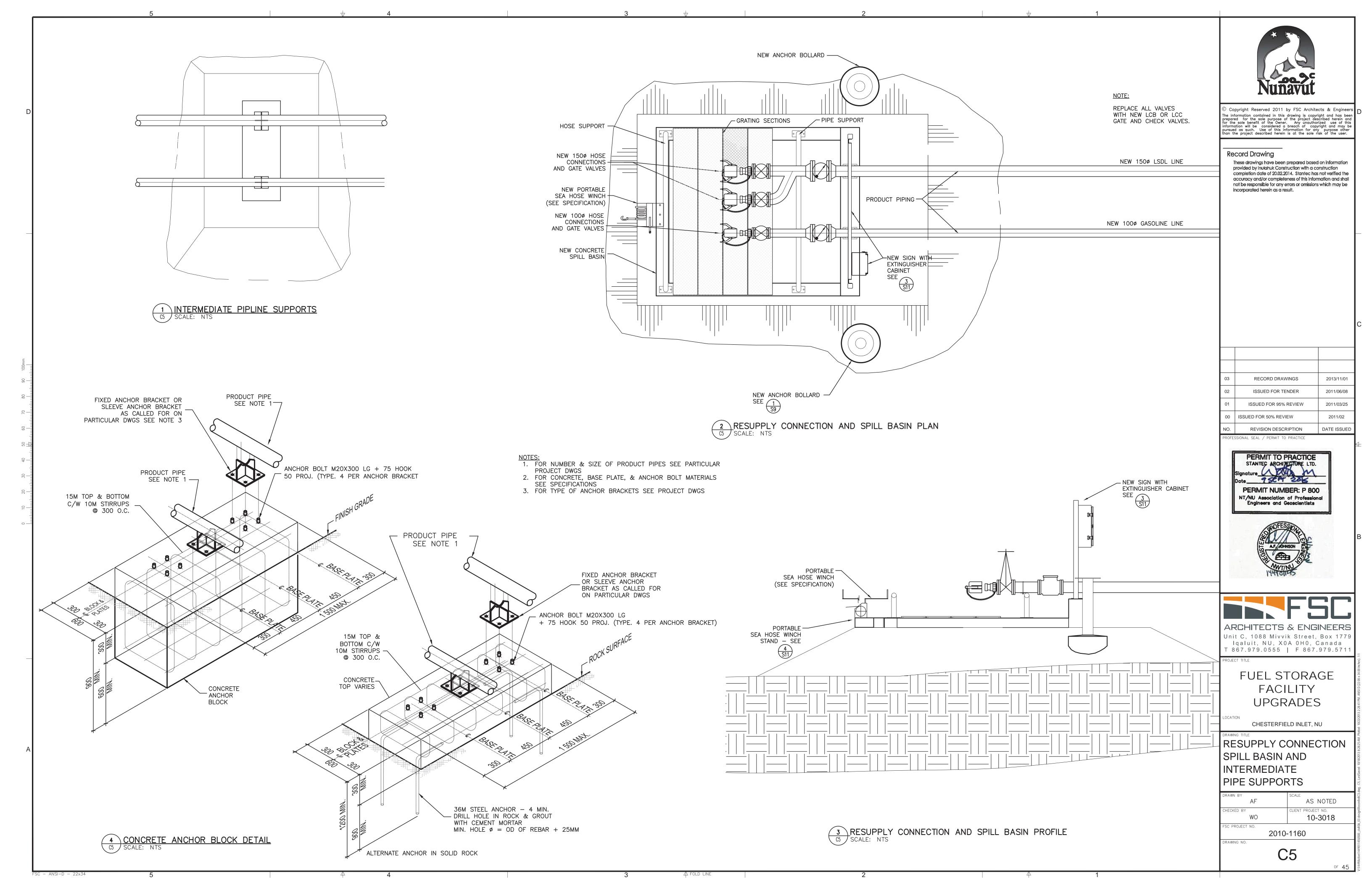


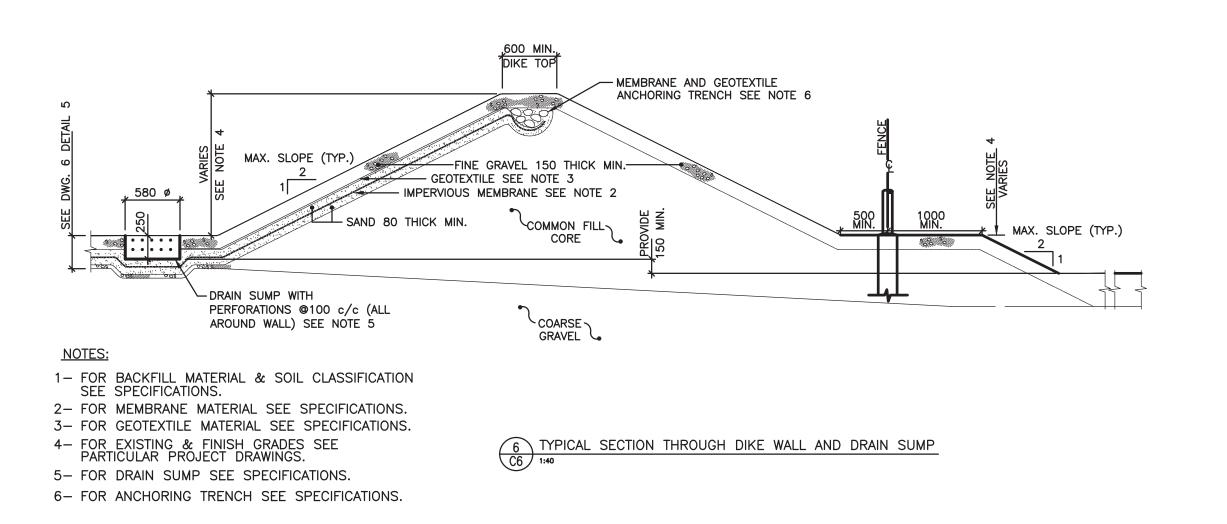


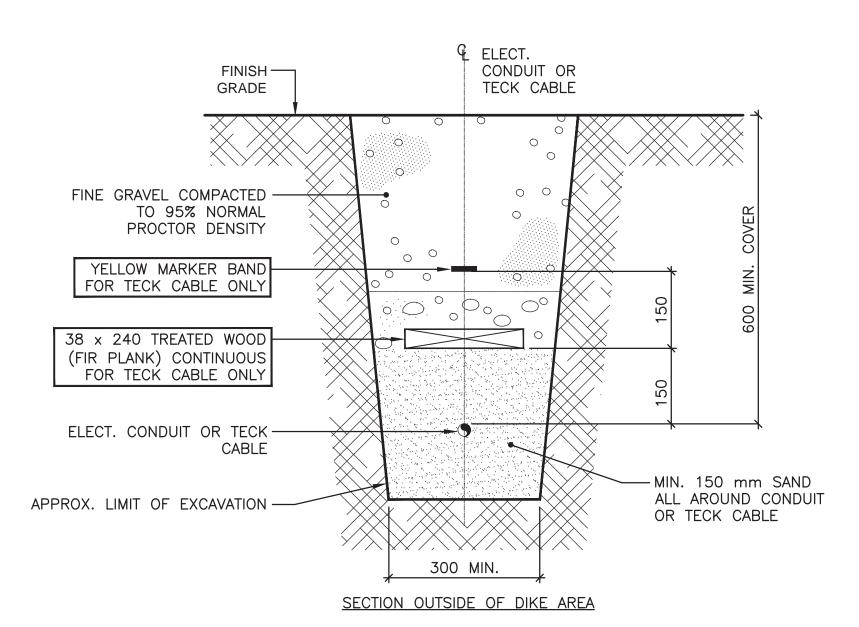




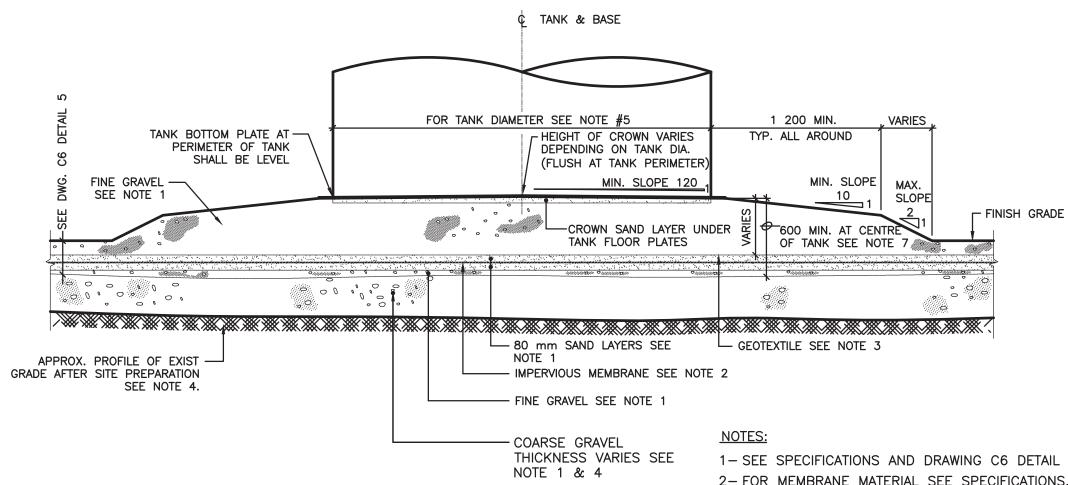








7 TYPICAL TRENCH FOR UNDERGROUND ELECTRICAL CONDUITS OR TECH CABLE C6 1:15



TYPICAL SECTION

TYPICAL GRANULAR BASE FOR VERTICAL TANKS

1:40

1- SEE SPECIFICATIONS AND DRAWING C6 DETAIL 5.

2- FOR MEMBRANE MATERIAL SEE SPECIFICATIONS. FOR BACKFILL MATERIAL & SOIL CLASSIFICATION

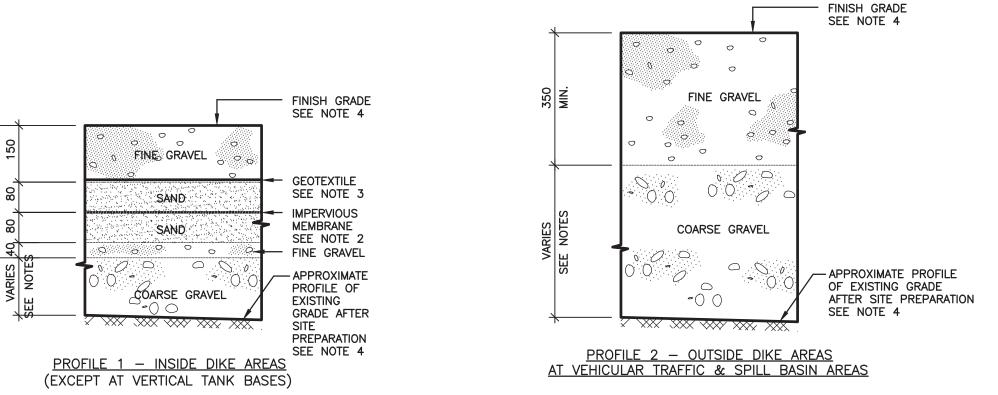
3- FOR GEOTEXTILE MATERIAL SEE SPECIFICATIONS.

4- FOR EXISTING & FINISH GRADES SEE PARTICULAR PROJECT DRAWINGS.

5- FOR VERTICAL TANK DIAMETER SEE PARTICULAR PROJECT DRAWINGS.

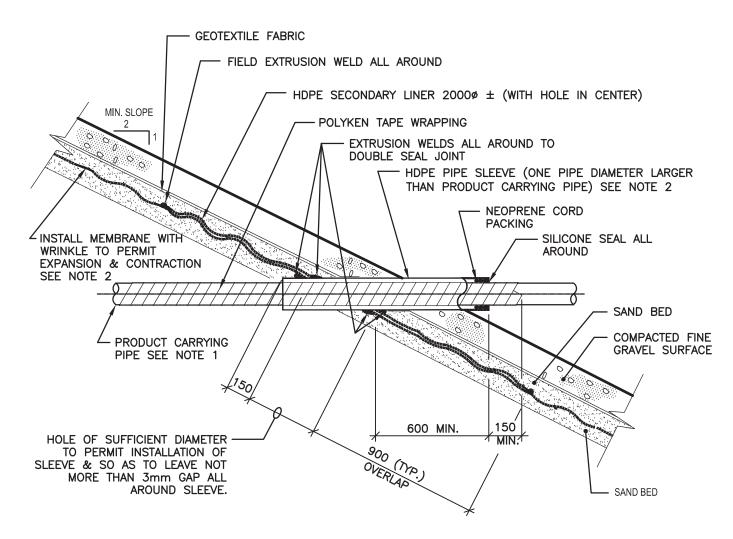
6- MIN. SLOPES AT EDGES OF GRANULAR BASE SHALL BE MAINTAINED AS SHOWN.

7- FOR ACTUAL THICKNESS OF TANK BASE FOUNDATION SEE PARTICULAR PROJECT DRAWING.



TYPICAL BACKFILL PROFILES

1:10



TYPICAL SECTION

NOTES: 1- FOR SIZE OF PROJECT PIPING SEE PARTICULAR PROJECT DRAWINGS.

2- FOR MEMBRANE & SLEEVE MATERIAL SEE SPECIFICATIONS.

8 TYPICAL SLEEVE DETAIL AT PIPE THROUGH DIKE MEMBRANE C6 1:20



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Record Drawing

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3	RECORD DRAWINGS	2013/11/01
2	ISSUED FOR TENDER	2011/06/08
1	ISSUED FOR 95% REVIEW	2011/03/25
0	ISSUED FOR 50% REVIEW	2011/02
).	REVISION DESCRIPTION	DATE ISSUED



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FUEL STORAGE FACILITY **UPGRADES**

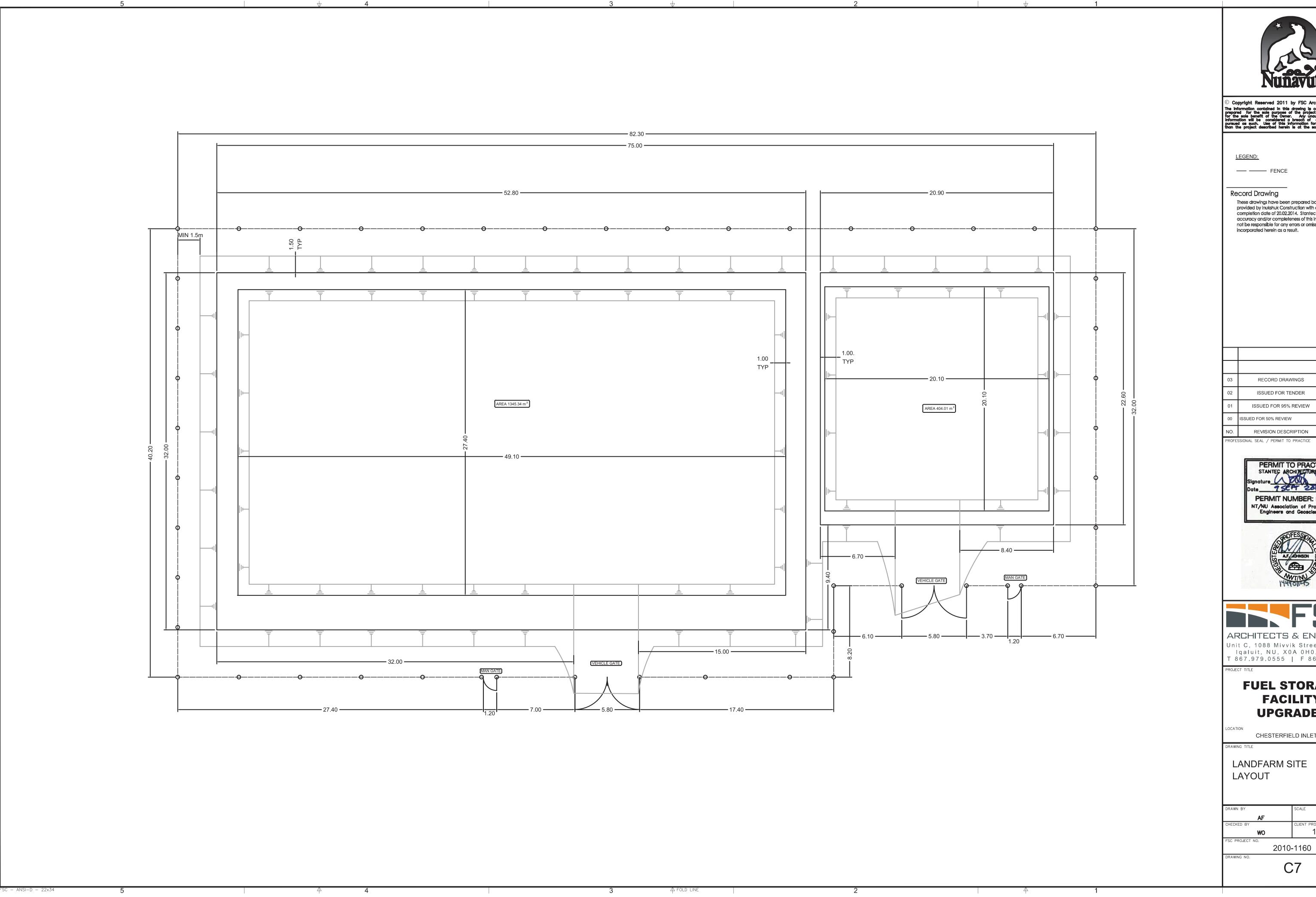
CHESTERFIELD INLET, NU

CONTAINMENT AREA AND BURIED SERVICES DETAILS

AF	AS NOTED
CHECKED BY WO	CLIENT PROJECT NO. 10-3018
FSC PROJECT NO.	

2010-1160 DRAWING NO.

of **45**

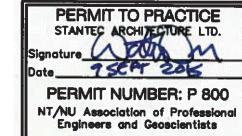




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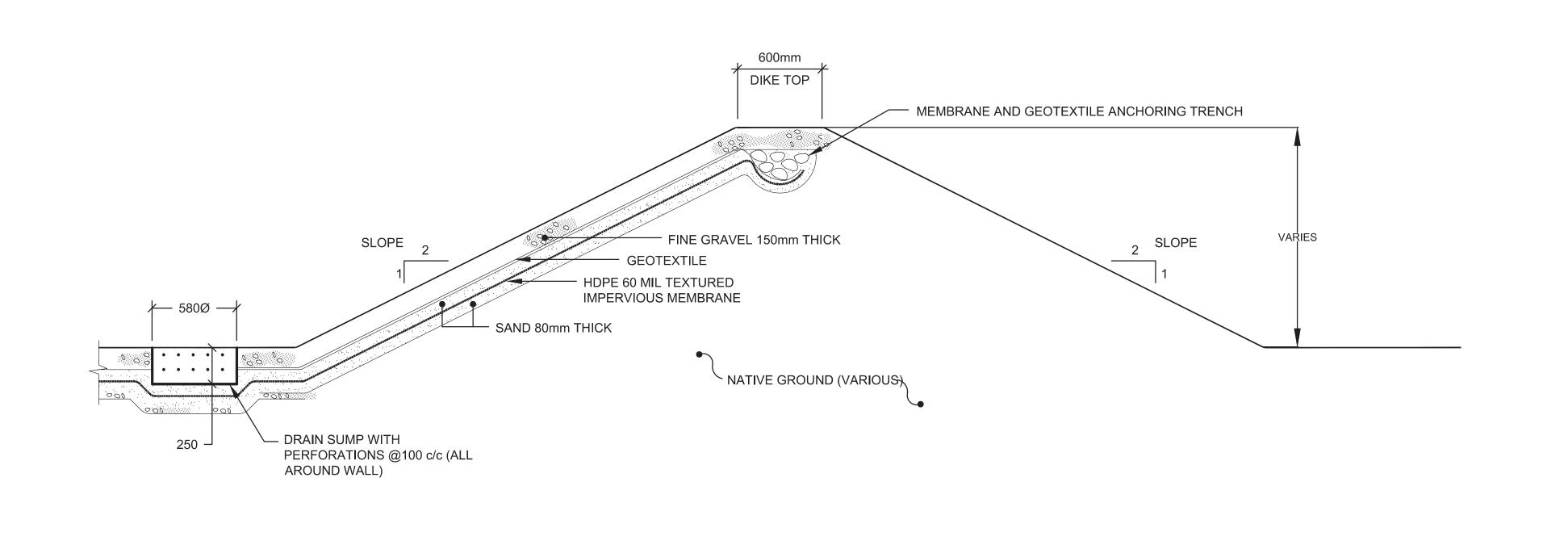


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FUEL STORAGE FACILITY UPGRADES

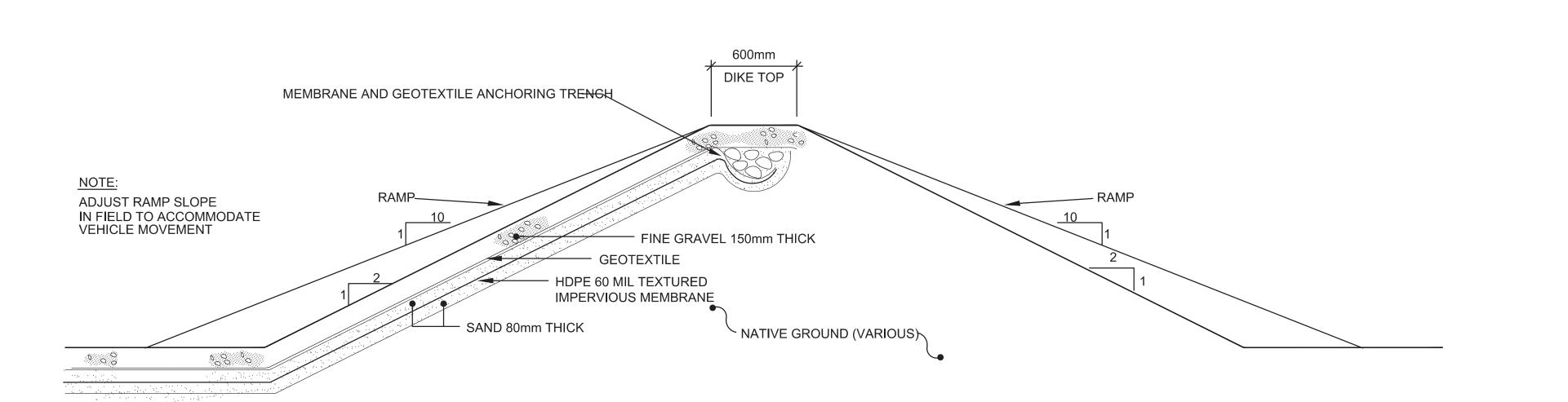
CHESTERFIELD INLET, NU

DRAWN BY	SCALE
AF	1: 75
CHECKED BY	CLIENT PROJECT NO.
WO	10-3018
ESC PROJECT NO	-



1 BERM CROSS SECTION (TYPICAL)

08 SCALE: NTS







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ROJECT TITLE

FUEL STORAGE FACILITY UPGRADES

CHESTERFIELD INLET, NU

LANDFARM CROSS SECTION

PSC PROJECT NO. 2010-1160	
WO	10-3018
CHECKED BY	CLIENT PROJECT NO.
AF	AS NOTED
DRAWN BY	SCALE

DRAWING NO.

C8

of **4**5