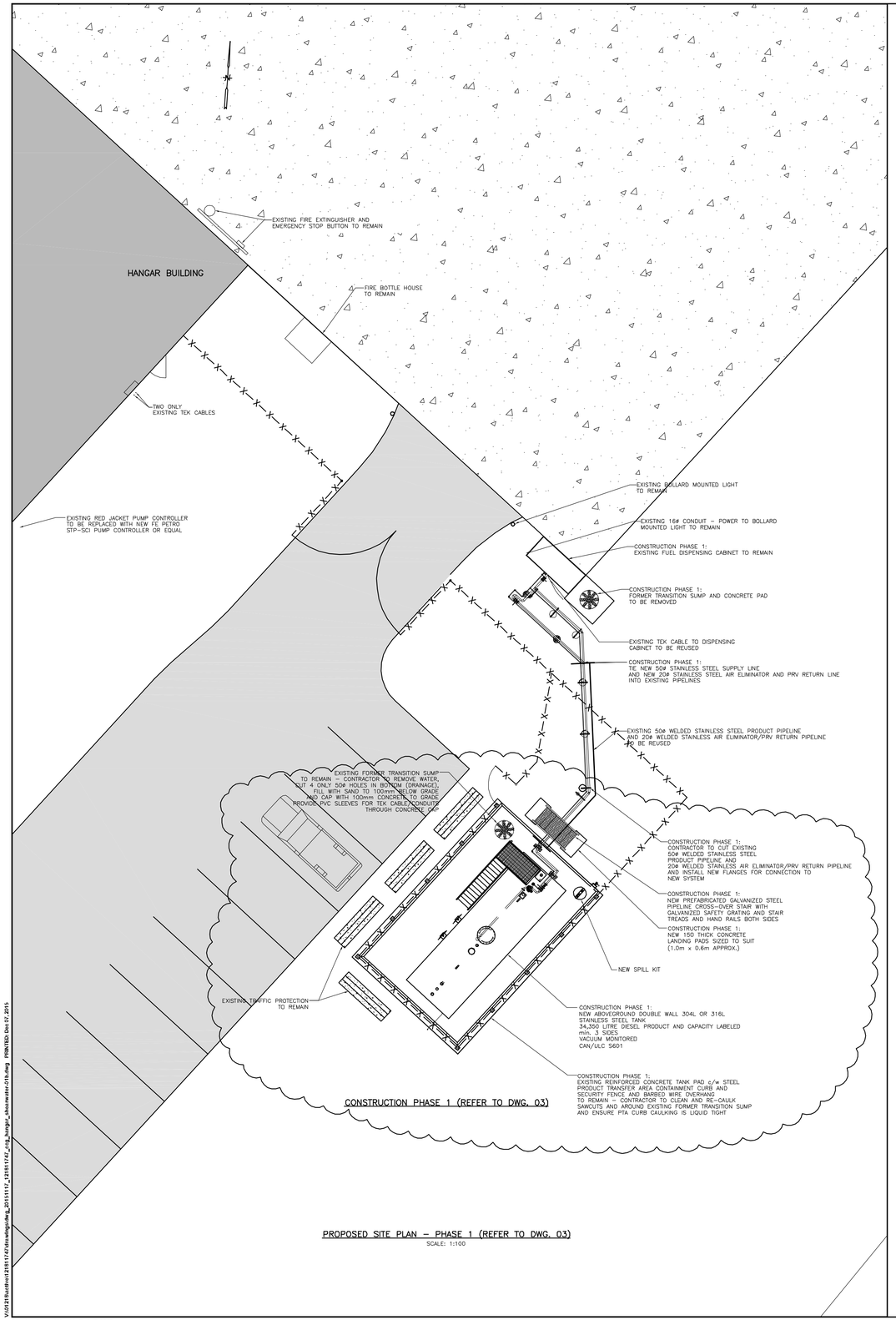
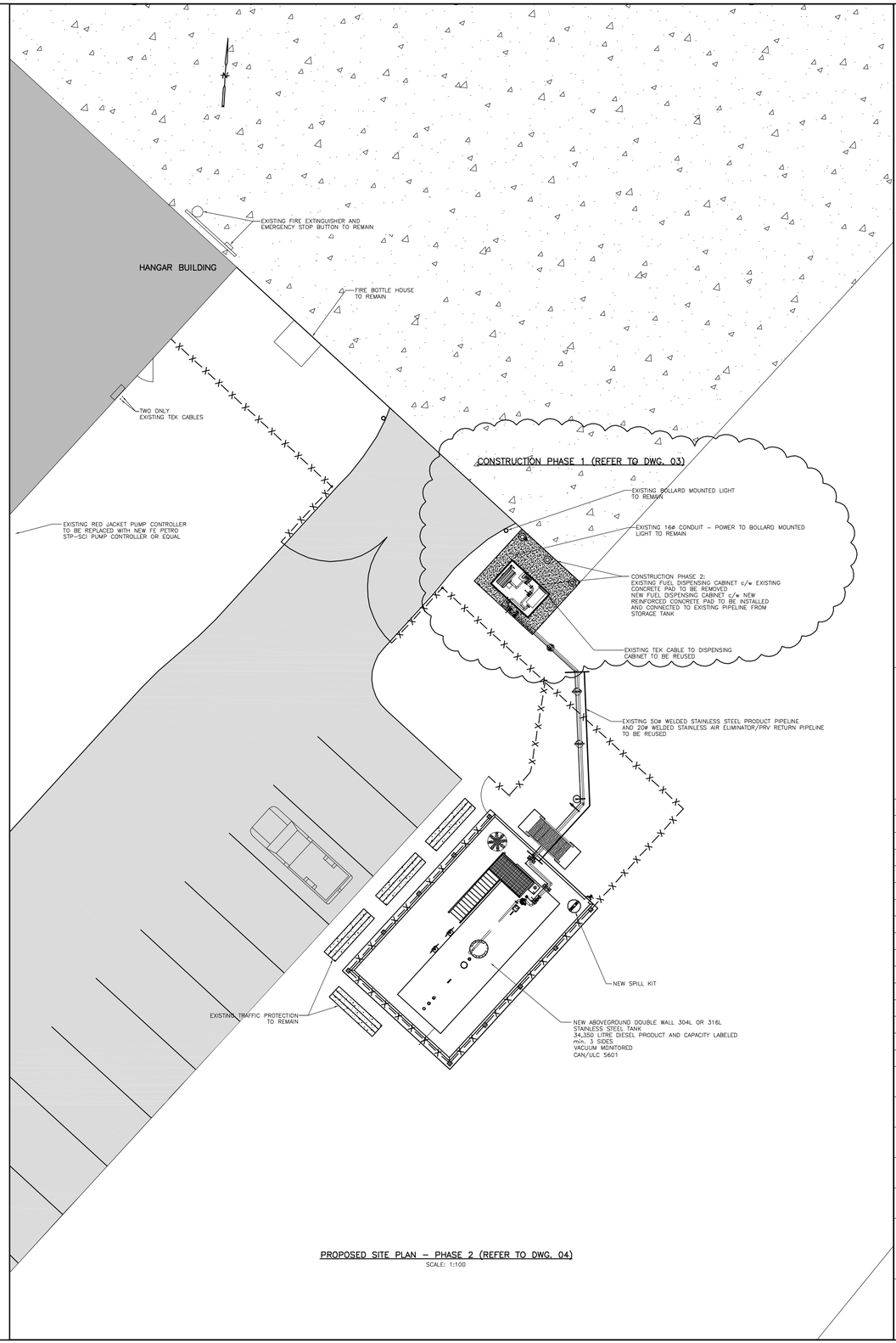


PROPOSED SITE PLAN – PHASE 1 (REFER TO DWG. 03)

SCALE: 1:100



PROPOSED SITE PLAN – PHASE 2 (REFER TO DWG. 04)

SCALE: 1:100

NOTES:

1) INSTALLER TO VERIFY LOCATION OF ALL PROPERTY BOUNDARIES, STRUCTURES, UTILITIES, ROADS/DRIVEWAYS, WELLS, WATERCOURSES AND WATERBODIES BEFORE BEGINNING OF WORK.

2) INSTALLER TO ADVISE ENGINEER OF ANY ADDITIONS OR CHANGES TO SITE PLAN RESULTING FROM NOTE 1 PRIOR TO BEGINNING OF WORK.

3) ALL INSTALLATIONS SHALL COMPLY WITH FEDERAL REGULATIONS, THE NATIONAL FIRE CODE OF CANADA, THE CANADIAN ELECTRICAL CODE, STORAGE, B836.14 "HANDLING AND DISPENSING OF AVIATION FUELS AT AERODROMES CODE", AS WELL AS ANY OTHER GOVERNING CODES AND INSTALLATION PRACTICES.

4) THE EMERGENCY STOP BUTTONS SHALL SHUT DOWN ALL POWER TO THE SUBMERSIBLE PUMP, CABINET & SOLENOID WHEN PRESSED.

5) THE EMERGENCY STOP BUTTON MUST BE REMOTELY LOCATED, c/w SIGNAGE (7-30m FROM THE DISPENSING AREA) (CLEARLY VISIBLE FROM FUEL-DISPENSING AREA).

6) CONTRACTOR TO VERIFY INTEGRITY OF TANK INTERSTITIAL VACUUM PRIOR TO INSTALLATION.

7) SYSTEM OWNER TO ENSURE MEASURES ARE TAKEN TO PREVENT UNAUTHORIZED ACCESS TO THE STORAGE TANK AND AUXILIARY EQUIPMENT.

8) ALL NEW EQUIPMENT SHALL BE ULC LISTED AND INSTALLED AS PER MANUFACTURER'S INSTRUCTIONS.

9) OWNER IS RESPONSIBLE TO ENSURE AN APPROPRIATE EMERGENCY PLAN IS IMPLEMENTED TO MEET THE REQUIREMENTS OF THE CANADIAN ENVIRONMENTAL PROTECTION ACT, STORAGE TANK SYSTEMS FOR PETROLEUM PRODUCTS AND ALLIED PETROLEUM PRODUCTS REGULATIONS, 2008 (CEPA) SECTIONS 30-32.

10) PRIOR TO OPERATION, AS BUILT DRAWINGS BEARING AN ENGINEER'S STAMP MUST BE COMPLETED.

11) SPILL KIT AND/OR ABSORBENT MATERIAL REQUIRED AT FUEL-DISPENSING AREA.

12) CONCRETE SPECIFICATIONS:
SOIL BEARING CAPACITY: 1500psf min.
CONCRETE STRENGTH: 35MPa @ 28 DAYS, 5% to 8% AIR ENTRAINMENT.
FINISH: BROOM, ADD ONE COAT SEALING/CURING COMPOUND, ALL OUTSIDE EDGES OF CONCRETE TO BE TOOLED A MINIMUM OF 38mm WIDE.
REBAR: 400MPa

15) DO NOT UNDERMINE OR COMPROMISE ANY FOOTINGS OR FOUNDATION STRUCTURES. ALWAYS BE AWARE OF THE LOCATION OF EXISTING UTILITIES AND OVERHEAD POWER LINES.

16) EXCAVATION TO BE BACKFILLED WITH 31.5mm CRUSHED GRAVEL.

17) ALL FILL WILL BE PLACED IN LIFTS NOT EXCEEDING 300mm IN LOOSE THICKNESS, AND BE COMPACTED THROUGHOUT THE LIFT THICKNESS TO A MAXIMUM OF THE MATERIAL'S MODIFIED PROCTOR MAXIMUM DRY DENSITY. DEPENDING ON THE COMPACTION EQUIPMENT, THINNER LIFTS MAY BE NECESSARY IN ORDER TO ACHIEVE THE SPECIFIED COMPACTION CRITERIA.

18) IF FURTHER CLARIFICATIONS ARE REQUIRED ON EQUIPMENT OR THE INSTALLATION OF EQUIPMENT, IT IS THE CONTRACTORS RESPONSIBILITY TO REQUEST CLARIFICATIONS FROM THE CONSULTANT.

19) THESE DRAWINGS TO BE USED FOR GENERAL GUIDANCE SHOWING APPROXIMATE EQUIPMENT ARRANGEMENT ONLY.

20) THE SYSTEM IS REQUIRED TO BE EQUIPPED WITH THE FOLLOWING FEATURES:
- OVERFILL PREVENTION VALVE
- ANTI-SYPHON DEVICE OR N.C. SOLENOID VALVE c/w THERMAL RELIEF
- SPILL CONTAINMENT BOX
- PTA CONTAINMENT CURB
- EMERGENCY SHUT-OFF DEVICE FOR ALL POWER TO SYSTEM
- 2 x 40B:C FIRE EXTINGUISHERS (PURPLE K PREFERRED)
- FULLY STOCKED SPILL KIT
- EMERGENCY AND SAFETY SIGNAGE

21) ENVIRONMENT CANADA NUMBER REQUIRED TO BE POSTED AT THE FILL PIPE CONNECTION OF EACH STORAGE TANK

22) OWNER MUST NOTIFY ENVIRONMENT CANADA WITH IN 60 DAYS ONCE REGULATED SYSTEMS ARE REMOVED (CEPA SECTION 44)

STAMP

STAMP

RECOGNIZED PROFESSIONAL ENGINEER PROVINCE OF NOVA SCOTIA
DATE: 12/11/15
D W Thorpe
10124

NOTE: THIS DRAWING ILLUSTRATES INFORMATION SPECIFIC TO A STANTEC CONSULTING LIMITED PROJECT AND MUST NOT BE USED FOR OTHER PURPOSES.

APP'D	NO.	DETAILS	DATE
–	–	ISSUED FOR TENDER	15 12 07
–	–	ISSUED FOR CLIENT REVIEW	15 11 26

REVISIONS

DWG. NO.	DESCRIPTION	DATE

REFERENCES

PROJECT:
JET A1 DISPENSING SYSTEM REPLACEMENT

SITE ADDRESS:
CCG HANGAR SHEARWATER
12 WING SHEARWAATER, DARTMOUTH, NS

CLIENT:
DFO RPSS

JOB No.:	SCALE:	DATE:
121611747	1:100	15/11/20
DRAWN BY: JCB	DESIGNED BY: ERF	APPROVED BY: DT

DRAWING TITLE:
PROPOSED SITE PLANS
SHOWING PHASED APPROACH

DRAWING No.:	REVISION No.	
02	-	Stantec

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