



FLOOR PLAN — PROPANE GAS

SCALE : 1:50
0m 1m 2m 3m 4m 5m

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PLUMBING FIXTURE SCHEDULE

PLUMBING FIXTURE SCHEDULE											
FIXTURE			TRIM				PIPING CONNECTIONS				
TAG	DESCRIPTION	MANUFACTURER/MODEL	FAUCET/ FLUSH VALVE	SUPPLY	WASTE	TRAP	HWS	CWS	WASTE	VENT	NOTES
P-1	WATER CLOSET WALL-MOUNT/FLUSH VALVE	AMERICAN STANDARD AFWALL MODEL 2257 103	DELTA 81T201	—	—	INTEGRAL	—	NPS ½	75mm	38mm	ELONGATED BOWL, SEAT: CENTOCO MODEL 500STSC.001
P-1A	WATER CLOSET (BF) WALL-MOUNT/FLUSH VALVE	AMERICAN STANDARD AFWALL MODEL 2257 103	DELTA 81T201	—	—	INTEGRAL	—	NPS ½	75mm	38mm	ELONGATED BOWL, SEAT: CENTOCO MODEL 500STSC.001, MTD. HT. 16" AFF.
P-2	COUNTER TOP LAVATORY	AMERICAN STANDARD CADET MODEL 0427. 444	DELTA 591T1250	DELTA 47T1316SD	DELTA 33T260	DELTA 33T311	NPS ½	NPS ½	32mm	32mm	THERMOSTATIC MIXING VALVE
P-3	WALL HUNG URINAL	AMERICAN STANDARD WASHBROOK MODEL 6501. 010	DELTA 81T231	—	—	INTEGRAL	—	NPS ¾	50mm	38mm	—
P-4	COUNTER TOP STAINLESS STEEL SINK	KINDRED MODEL QSL2020-10	DELTA 26T3254	DELTA 47T2512	KINDRED 1130	DELTA 33T360	NPS ½	NPS ½	38mm	32mm	PROVIDE A DRAIN PORTS TO ALLOW DRAINAGE OF WATER LINES
P-4A	FLOOR STANDING STAINLESS STEEL SINK	ELKAY SSP MODEL SE1C18X18-L-18X	DELTA 28C4452	DELTA 47T2512	ELKAY LK35	DELTA 33T360	NPS ½	NPS ½	38mm	32mm	C/W. DRAINBOARD
P-5	JANITOR SINK	FIAT MODEL MSB2424	FIAT #830-AA	—	—	P-TRAP	NPS ½	NPS ½	50mm	38mm	FIAT MSG2424 WALL GUARDS, 889-CCMOP HANGER BRACKET, E-77-AA-24 BUMPER GUARDS
P-5A	EYE/FACE WASH WALL MOUNTED	GUARDIAN MODEL G1750P	—	—	—	—	NPS ½	NPS ½	32mm	32mm	TEMPERING VALVE MODEL G-3600 DRAIN TO JANITOR SINK
P-6	SHOWER	DELTA MODEL T17H125 R10000-UNWS	—	—	—	—	NPS ½	NPS ½	75mm	38mm	—
P-6A	SHOWER (BF)	DELTA MODEL T13H322-20 R10700-UNWS	—	—	—	—	NPS ½	NPS ½	75mm	38mm	—
P-7	FLOOR DRAIN	ZURN MODEL ZN-211-B	—	—	—	P-TRAP	—	NPS ½	75mm	38mm	C/W. TRAP PRIMER CONNECTION
P-7A	FUNNEL FLOOR DRAIN	ZURN MODEL ZN-211-BF	—	—	—	P-TRAP	—	NPS ½	75mm	32mm	C/W. TRAP PRIMER CONNECTION
P-8	TRAP PRIMER UNIT	PPP MODEL MPB-500-115V	—	—	—	—	—	NPS ½	—	—	REFER TO DETAILS
P-9	BIKE WASH EXTERIOR HOSE BIBBS	PROFLO MODEL PFX75FC	—	—	—	—	—	NPS ¾	—	—	WATTS SERIES 8P HOSE CONNECTION VACUUM BREAKER

* THE FOLLOWING PRODUCT MANUFACTURERS ARE PROVIDED EQUIVALENT STATUS TO PRODUCTS SPECIFIED PROVIDING SPECIFICATION IS MET AND FEATURES INCLUDING DIMENSIONS & WEIGHTS ARE SIMILAR:
—WATER CLOSETS: ZURN, KOHLER.
—SUPPLIES/DRAINAGE: AMERICAN STANDARD, ZURN, McGUIRE.
—LAV. SINKS: ZURN, KOHLER.
—URINALS: ZURN, KOHLER.
—STAINLESS STEEL SINKS: FRANKIE, ELKAY.
—JANITOR SINK: STERN WILLIAMS, FRANKIE.
—EYEWASH: BRADLEY, SPEAKMAN.
—THERMOSTATIC MIXING VALVES: BRADLEY, LAWLER.
—SHOWER TRIM: AMERICAN STANDARDS, ZURN.
—FLOOR DRAINS: JAY R SMITH, WATTS.

PLUMBING FIXTURE SCHEDULE

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EQUIPMENT LOAD SCHEDULE

LOAD NUMBER	LOAD TYPE	LOAD LOCATION	MANUFACT.	MODEL	LOAD KW (MBH)
1	GAS BOILER	MECHANICAL ROOM 109	LOCHINVAR	KNIGHT MODEL WHN055	16.0 (55)
2	TANKLESS WATER HEATER	MECHANICAL ROOM 109	A.O.SMITH	MODEL ATI-540H-N	58 (199)
3	RADIANT TUBE HEATER IRH-1	MULTI-PURPOSE ROOM 100	SCHWANK	PREMIER STS-JZ 45	17.5 (60)
4	RADIANT TUBE HEATER IRH-2	MULTI-PURPOSE ROOM 100	SCHWANK	PREMIER STS-JZ 45	17.5 (60)

PROPANE GAS TABULATIONS

PIPE SIZE CALCS: SECOND STAGE-2.7 kPa @ 250 Pa			
PIPE SECTION	PROPANE GAS LOAD Kw (MBH)	EQUIVALENT LENGTH (M)	PIPE SIZE
A TO B	110 (372)	30.0	NPS 1
B TO C	110 (372)	30.0	NPS 1
C TO D	74 (254)	30.0	NPS 1
D TO E	58 (199)	30.0	NPS 3/4
E TO F	16 (55)	30.0	NPS 1/2
F TO G	35 (120)	30.0	NPS 3/4
G TO H	17.4 (60)	30.0	NPS 1/2
G TO H	17.4 (60)	30.0	NPS 1/2

NOTE:
1.TABULATIONS BASED ON CSA. B149.1-10/TABLE B.1

PROPANE GAS TABULATIONS

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PROPANE GAS NOTES

- GENERAL NOTES — PROPANE GAS WORK:**
- ALL PROPANE GAS WORK TO BE COMPLETED IN ACCORDANCE WITH ALL AUTHORITIES HAVING JURISDICTION, CAN/CSA B149.1-10 NATURAL GAS AND PROPANE INSTALLATION CODE, CAN/CSA B149.3 AND TO THE APPROVAL OF THE NEW BRUNSWICK DEPARTMENT OF PUBLIC SAFETY.
 - CONTRACTOR SHALL HAVE ALL REQUIRED LICENSES AND REGISTRATIONS TO PERFORM THIS WORK.
 - CONTRACTOR SHALL PAY ALL COSTS FOR INSPECTION AND REGISTRATION OF THIS SYSTEM.
 - CONTRACTOR TO PROVIDE A CERTIFICATE OF ACCEPTANCE FROM THE NEW BRUNSWICK DEPARTMENT OF PUBLIC SAFETY.
 - STEEL PIPE TO BE ASTM A53 GRADE B, SCHEDULE 40.
 - BALL VALVES TO BE PROVINCIAL CODE APPROVED. INSTALL VALVES ON ALL BRANCHES AND WHERE REQUIRED BY CODE. REPLACE ALL EXISTING BALL VALVES THAT ARE NOT IN ACCORDANCE WITH CAN/CSA-B149.1-10.
 - PRIME COAT, PAINT AND IDENTIFY PIPING IN ACCORDANCE WITH CODE CAN/CSA-B149.1-10.
 - PRESSURE TEST AND PURGE SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF THE INSTALLATION CODE CAN/CSA-B149.1-10.
 - CONNECT TO EQUIPMENT IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
 - SLOPE PIPING TO LOW POINTS IN DIRECTION OF FLOW AND INSTALL DRIP POINT AT ALL LOW POINTS AND AT EQUIPMENT.
 - PROVIDE VENTING AS REQUIRED BY CODE AND AS PER MANUFACTURER'S INSTRUCTIONS.
 - COORDINATE WITH ALL OTHER TRADES AS REQUIRED.
 - GALVANIZED STEEL PIPING MAY BE USED FOR EXTERIOR NATURAL GAS PIPING ONLY. PROVIDE GALVANIZED PAINT FOR EXPOSED THREADS. ROUTING OF PIPING SHALL BE AS PER PLANS.

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CHIGNECTO SOUTH
CAMPOUNDS

CHIGNECTO SOUTH KEY PLAN
FUNDY NATIONAL PARK
NOT TO SCALE



C	ISSUED FOR TENDER	MAR 28 2017
B	ISSUED FOR 99% REVIEW	FEB 06 2017
A	ISSUED FOR 66% REVIEW	DEC 21 2016
revisions		date

project
**CHIGNECTO SOUTH
MULTI PURPOSE BUILDING
FUNDY NATIONAL PARK
ALMA, NB
ALBERT COUNTY, NB**
project

drawing
**FLOOR PLAN PROPANE
GAS & SCHEDULES**
dessin

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approved R.M. approuvé
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PWGSC Project Manager Administrateur de projets TPSC
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