



KIVALLIQ LONG TERM CARE FACILITY

ADDRESS: LOT 850, PLAN 3636, RANKIN INLET, NU

ISSUED FOR CONSTRUCTION

ISSUED: 2021.05.06



CONCEPT IMAGE ONLY

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DRAWING LIST - GENERAL

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GI-003 ASSEMBLIES

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C-103 SITE GRADING PLAN
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C-202 PROPOSED ONSITE ROAD (EAST), PLAN/PROFILE
C-203 PROPOSED ONSITE ROAD (WEST), PLAN/PROFILE
C-204 204 PROP. ONSITE ROAD (ARENA PARKING LOT MODIFICATIONS), PLAN/PROFILE
C-205 PROPOSED ONSITE SWALE (EAST), PLAN/PROFILE
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PERMIT / STAMP:



REV	DATE	DESCRIPTION
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21.03.08 ISSUED FOR TENDER

CLIENT:



KIVALLIQ LONG TERM CARE FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

TITLE:
COVER SHEET

SCALE:
PROJECT NUMBER: 2020.00900
DRAWN BY: Author

GI-001

ABBREVIATIONS

AV	AIR VAPOUR	LAM	LAMINATE
AFF	ABOVE FINISHED FLOOR	LAV	LAVATORY
ACT	ACOUSTIC CEILING TILE		
ADJ	ADJUSTABLE	M2	METRES SQUARED
ADO	AUTOMATIC DOOR OPENER	MAX	MAXIMUM
AH	ACCESS HATCH	MECH	MECHANICAL
AHU	AUTHORITY HAVING JURISDICTION	MC	MEDICINE CABINET
ALUM	ALUMINUM	MDF	MEDIUM DENSITY
ALUM INSUL	INSULATED ALUMINUM	MF	FIBREBOARD
ANOD	ANODIZED	MEMB	MEMBRANE
APPROX	APPROXIMATE	MFR	MANUFACTURERS
AVB	AIR VAPOUR BARRIER	MIN	MINIMUM
		MISC	MISCELLANEOUS
BD	BOARD	MO	MASONRY OPENING
BF	BARRIER-FREE	MTD	MOUNTED
BLDG	BUILDING	MTL	METAL
BLK	BLOCKING		
BLKG	BLOCKING		
BM	BEAM	N	NORTH
BO	BOTTOM OF	N/A	NOT APPLICABLE
BOT	BOTTOM	NBC	NATIONAL BUILDING CODE
BR	BRICK	NIC	NOT IN CONTRACT
B/S	BOTH SIDES	NOM	NOMINAL
BW	BOTH WAYS	NTS	NOT TO SCALE
C/C	CENTER TO CENTRE	O/A	OVERALL
CF	CEILING FINISH	O/C	ON CENTRE
CFF	CLEAR FACTORY FINISH	O/D	OUTSIDE DIAMETER
CFM	CONFIRM EXISTING OPENING	O/F	OUTSIDE FACE
CG	CORNER GUARD	O/S	OVERFLOW SCUPPER
CH	COAT HOOK	O/H	OVERHEAD
CHAM	CHAMFER	O/O	OUT TO OUT
CI	CAST IN PLACE	O/S	ONE SIDE
CJ	CENTRAL JOINT	OPNG	OPENING
CL	CONTROL LINE	OPP	OPPOSITE
CLG	CLEAR	OR	ORIENTED STRAND BOARD
CLR	CLEAR	OVDH	OVERHEAD DOOR
CMU	CONCRETE MASONRY UNIT	OWSJ	OPEN WEB STEEL JOIST
COL	COLUMN		
CONC	CONCRETE	P	PAINT
CONST	CONSTRUCTION	PBD	PARTICLE BOARD
CONT	CONTINUOUS	PEC	PARTITION END CAP
CORR	CORRIDOR	PG	PAINT GRADE
CPT	CARPET TILE	PLAM	PLASTIC LAMINATE
CS	CONCRETE SEALER	PLWWD	PLYWOOD
CT	CERAMIC TILE	POL CONC	POLISHED CONCRETE
CTR	COUNTER	POLY	POLYETHYLENE
C/W	COMPLETE WITH	PP	PARAPET
		PR	PAIR
DA	DOUBLE ACTING	PRE	PREFINISHED
DE	DOUBLE EGRESS	PREFAB	PREFABRICATED
DET	DETAIL	PREFIN	PREFINISHED
DFG	DOOR FRAME GUARD	PROP	PROPERTY
DG	DOUBLE GLAZED	PSF	PRESSED STEEL FRAME
DGR	DOOR GRILLE	PT	PRESSURE TREATED
DIA	DIAMETER		
DM	DIMENSION	R	RISER
DN	DOWN	RAD	RADIUS
DR	DOOR	RB	RUBBER BASE
DS	DOWNSPOUT	RD	ROOF DRAIN
DSF	DANCE FLOOR SYSTEM	RECEPT	RECEPTACLE
DW	DISHWASHER	REINF	REINFORCED
DWG	DRAWING	RECD	REQUIRED
		REVISION	REVISION
EL	ELEVATION	RM	ROOM
ELEC	ELECTRICAL	RO	ROUGH OPENING
ELEV	ELEVATION	RSF	RESILIENT SHEET FLOORING
EMER	EMERGENCY	RT	RUBBER TILE
ENCL	ENCLOSURE	RTU	ROOF TOP UNIT
EP	EPOXY PAINT	RWL	RAIN WATER LEADER
EQ	EQUAL		
E/W	EACH WAY	S	STEEL STUD
EW	EXTERIOR WALL PANEL	SC	SOLID CORE WOOD
EXIST	EXISTING	SF	SQUARE FEET
EXP	EXPOSED STRUCTURE	SHT	SHEET
EXP HC	EXPOSED HOLLOW CORE	SHTG	SHEATHING
EXT	EXTERIOR	SIM	SIMILAR
		SL	SLOPE
FB	FIRE BLOCKING	SP	SUMP PUMP / PIT
FD	FLOOR DRAIN	SPEC.	SPECIFICATIONS
FDN	FOUNDATION	SQ	SQUARE
FE	FIRE EXTINGUISHER	SRF	SHEET RUBBER FLOORING
FEC	FIRE EXTINGUISHER CABINET	S/S	STAINLESS STEEL
F/F	FACE TO FACE	ST	STAIR
FFE	FINISHED FLOOR ELEVATION	STC	SOUND TRANSMISSION
FFH	FORCE FLOW HEATER	STD	STANDARD
FH	FUME HOOD	STL	STEEL
FHC	FIRE HOSE CABINET	STRUCT	STRUCTURAL
FIN	FINISHED	SUSP	SUSPENDED
FIP	FOAM IN PLACE	SVF	SHEET VINYL FLOORING
FL/FL	FLOOR TO FLOOR		
FLR	FLOOR	T	TREAD
F/O	FACE OF	T/B	TO BE
FP	FIREPROOFING	TG	TEMPERED GLASS
FR	FIRE RESISTANCE RATED	TEL	TELEPHONE
FTG	FOOTING	TEMP	TEMPORARY
		THK	THICKNESS
GA	GAUGE	T/O	TOP OF
GALV	GALVANIZED	TYP	TYPICAL
GB	GYP SUM BOARD		
GL	GLASS, GLAZING	UA	UNIVERSAL ACCESS
GL/GL	GRID LINE INTERSECTION	UC	UNDERCUT
G1S	GOOD ONE SIDE	UH	UNIT HEATER
GRB CONC	GROUND CONCRETE	UL	UNDERWRITERS
GWB	GYP SUM WALL BOARD	ULC	LABORATORY UNDERWRITERS LAB CANADA
		UNI	UNIVERSAL
HB	HOSE BIB	UNO	UNLESS NOTED OTHERWISE
H/C	HANDICAP	U/S	UNDER SIDE
HC	HOLLOW CORE WOOD		
HDWR	HARDWARE	VAR	VARIES
HDWD	HARDWOOD	VB	VAPOUR BARRIER
HM	HOLLOW METAL	VCT	VINYL COMPOSITE TILE
HMI	HOLLOW METAL INSULATED	VEST	VESTIBULE
HORIZ	HORIZONTAL	VERT	VERTICAL
HR	HOSE	VIF	VERIFY IN FIELD
HRL	HAND RAIL		
HT	HEIGHT	W/	WITH
		WHS	WORKPLACE HEALTH & SAFETY
ID	INSIDE DIAMETER	W/O	WITHOUT
IMP	INSULATED METAL PANEL	WD	WOOD
INCL	INCLUDE	WG	WIRED GLASS
INSUL	INSULATION / INSULATED		
INT	INTERIOR	XPS	EXTRUDED POLYSTYRENE INSULATION
JAN	JANITOR		
JF	JOINT FILLER		
JT	JOINT		

GENERAL NOTES

- DRAWINGS ARE NOT TO BE SCALED.
- ALL DIMENSIONS ARE MEASURED IN METRIC MILLIMETERS, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL CHECK AND VERIFY THAT ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT PRIOR TO COMMENCEMENT OF WORK AND SHALL REPORT ANY DISCREPANCIES AND OMISSIONS TO THE ARCHITECT.
- FOR CRITICAL CLEARANCE DIMENSIONS AT STEEL STUD WALLS, DIMENSIONS ARE TO FACE OF GYPSUM BOARD AND DIMENSION MARKED CLEAR (CLR).
- ALL EXTERIOR WALLS DIMENSIONS ARE TO FACE OF EXTERIOR FINISH (UNO).
- ALL INTERIOR WALLS, DIMENSIONS ARE TO FACE OF GYPSUM BOARD, UNLESS OTHERWISE NOTED (UNO).
- THE GENERAL CONTRACTOR TO REVIEW ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL OPENINGS THROUGH FLOORS AND ROOF FOR DUCT AND PIPING RISERS, ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN.
- ALL FIRE RATED SEPARATIONS AND ACOUSTIC PARTITIONS ARE TO EXTEND FROM THE T/O FLOOR TO THE U/S OF THE FLOOR SHEATHING AND/OR ROOF DECKING/SHEATHING ABOVE. PROVIDE FIRESTOPPING AND SMOKE SEALANT AT TOP AND BOTTOM OF ALL FIRE RATED WALLS WITH A ULC LISTED SYSTEM. PROVIDE CONTINUOUS ACOUSTICAL SEALANT AT TOP AND BOTTOM AT STC RATED WALLS.
- ALL OPENINGS THROUGH FIRE RATED SEPARATIONS ARE TO BE FIRE STOPPED AND SEALED TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION AND PROVIDE SMOKE-TIGHT BARRIER.
- SEAL ALL ELECTRICAL RUNS, PLUMBING, MECHANICAL LINES AND DUCT PENETRATIONS THROUGH ASSEMBLIES REQUIRED TO ACT AS SMOKE SEPARATIONS.
- REFER TO SPECIFICATIONS FOR EQUIPMENT, ACCESSORIES AND FINISHES.
- REFER TO ROOM SCHEDULE FOR FINISHES.
- ALL GYPSUM BOARD TO BE PAINTED UNLESS NOTED OTHERWISE. REFER TO ROOM FINISH SCHEDULE.
- REFER TO REFLECTED CEILING PLANS FOR LOCATION OF BULKHEAD AT CHANGES IN CEILING ELEVATION.
- FOR DIMENSIONS OF CONCRETE FOUNDATION WALLS, COLUMNS & SHEAR WALLS, REFER TO STRUCTURAL DRAWINGS UNLESS NOTED OTHERWISE.

PROJECT NOTES

- ALL FURNITURE, FIXTURES AND APPLIANCES ARE INCLUDED IN FF&E CASH ALLOWANCE UNLESS OTHERWISE LABELED.
- NAIWS CABINET DESIGN SERIES (COS) SYSTEM IS USED ON THE ARCHITECTURAL WOODWORK ELEVATIONS UNO.
- WALLS ENCLOSING COLUMNS ARE TO HAVE STEEL STUD CENTRED ON COLUMN UNO.
- ALL MILLWORK UPPERS TO HAVE TWO ADJUSTABLE SHELVES IN EACH CABINET REGARDLESS OF MILLWORK INTERIOR ELEVATIONS.

BUILDING DESIGN SUMMARY

NATIONAL BUILDING CODE OF CANADA 2015

SECTION 3.1 GENERAL
MAJOR OCCUPANCY CLASSIFICATIONS (3.2.2.39):
GROUP B, DIVISION 2 - TREATMENT OCCUPANCY

MAIN FLOOR AREA: 3,305 SM
MEZZANINE FLOOR AREA: 37 SM
TOTAL BUILDING AREA: 3,342 SM (35,973 SF)

BUILDING HEIGHT: 13.65 m

BUILDING FACING (NUMBER OF) STREET(S): 1 STREET

BUILDING IS SPRINKLERED: YES

DESIGN OCCUPANT LOAD (3.1.17):
RESIDENT WING A/B = 12 RESIDENTS + 10 STAFF + 10 GUESTS = 32 x 2 = 64

PROPOSED
OFFICES @ 123 SM / 9.3 = 13 PERMITTED
ACTIVITY ROOM @ 24.5 SM / 1.85 = 13 PERMITTED* (2 PROPOSED)
HAIR CARE @ 13.9 SM / 4.6 = 3 PERMITTED* (1 PROPOSED)
STAFF LOUNGE @ 22.5 SM / 1.85 = 12 PERMITTED*
BREAKROOM @ 14.3 SM / 1.85 = 8 PERMITTED*
EDUCATION / PRAYER @ 21.3 SM / 1.85 = 12 PERMITTED*
EXERCISE @ 30 SM / 4.6 = 7 PERMITTED* (2 PROPOSED)
MED ROOM @ 11 SM / 9.3 = 1 PERMITTED*
LAUNDRY @ 65 SM / 4.6 = 14 PERMITTED (4 PROPOSED)
KITCHEN @ 154 SM / 9.3 = 17 PERMITTED (4 PROPOSED)
TUCK SHOP @ 7.5 SM / 4.6 = 1.6 PERMITTED (1 PROPOSED)
WORKSHOP @ 49 SM / 4.6 = 9 PERMITTED (9 PROPOSED)
MPR @ 78.5 SM / 0.95 = 82 PERMITTED (50 PROPOSED)
ROTUNDA @ 36 SM / 0.95 = 38 PERMITTED*
FAMILY LOUNGE @ 20.5 SM / 1.85 = 11 PERMITTED (10 PROPOSED)
QUIET ROOMS @ 41.8 SM / 1.85 = 22 PERMITTED*
*OCCUPANT LOAD IS ACCOUNTED FOR AND DOES NOT APPLY TO OVERALL OCCUPANT LOAD.
TOTAL OCCUPANT LOAD = 160 PERSONS

SECTION 3.2 - BUILDING FIRE SAFETY
BUILDING CLASSIFICATION: ARTICLE 3.2.2.39, GROUP B, DIVISION 2, NOT MORE THAN 3 STOREYS IN BUILDING HEIGHT, ANY AREA IF BUILDING IS NOT MORE THAN 1 STOREY, SPRINKLERED
- NON-COMBUSTIBLE CONSTRUCTION
- SPRINKLERED THROUGHOUT
- FLOOR ASSEMBLIES SHALL BE FIRE SEPARATIONS WITH A FIRE RESISTANCE RATING NOT LESS THAN 1 HR
- LOAD BEARING WALLS, COLUMNS AND ARCHES SHALL HAVE A FIRE-RESISTANCE RATING NOT LESS THAN THAT REQUIRED FOR THE SUPPORTED ASSEMBLY

3.2.1 MEZZANINES
SERVICE ROOM FOR NO PURPOSE OTHER THAN FOR SERVICE TO THE BUILDING SHALL NOT BE CONSIDERED A STOREY IN CALCULATING BUILDING HEIGHT
SERVICE SPACE (ATTIC SPACE) NOT CONSIDERED AS A STOREY
TWO POINTS OF EGRESS REQUIRED IF AREA IS GREATER THAN 200SM OR TRAVEL DISTANCE OF 25 M FROM A POINT IN THE SERVICE SPACE TO AN EGRESS.
TRAVEL DISTANCE TO AN EXIT SHALL BE NOT MORE THAN 50 M FROM ANY POINT IN A SERVICE SPACE.
SERVICE SPACE SHALL NOT OPEN DIRECTLY INTO AN EXIT.

3.2.3 SPATIAL SEPARATION
NORTH WALLS
LIMITING DISTANCE(LD) = 61.9M
EXPOSING BUILDING FACE (EBF) = 217 SM
PROPOSED UNPROTECTED OPENINGS = 39.7 SM (18%)
PERMITTED UNPROTECTED OPENINGS = 100%
MINIMUM FRR RATING: NONE
CONSTRUCTION / CLADDING: COMBUSTIBLE OR NON-COMBUSTIBLE

NORTHWEST 01 WALLS
LIMITING DISTANCE(LD) = 12.6M
EXPOSING BUILDING FACE (EBF) = 206 SM
UNPROTECTED OPENINGS = 32.6 SM (15.8%)
PERMITTED UNPROTECTED OPENINGS = 100%
MINIMUM FRR RATING: NONE
CONSTRUCTION / CLADDING: COMBUSTIBLE OR NON-COMBUSTIBLE

NORTHEAST 01 WALLS
LIMITING DISTANCE(LD) = 14.0M
EXPOSING BUILDING FACE (EBF) = 206 SM
UNPROTECTED OPENINGS = 32.6 SM (15.8%)
PERMITTED UNPROTECTED OPENINGS = 100%
MINIMUM FRR RATING: NONE
CONSTRUCTION / CLADDING: COMBUSTIBLE OR NON-COMBUSTIBLE

EAST WALLS
LIMITING DISTANCE(LD) = 24.5M
EXPOSING BUILDING FACE (EBF) = 179 SM
PROPOSED UNPROTECTED OPENINGS = 45.2 SM (25%)
PERMITTED UNPROTECTED OPENINGS = 100%
MINIMUM FRR RATING: NONE
CONSTRUCTION / CLADDING: COMBUSTIBLE OR NON-COMBUSTIBLE

SOUTH WALLS
LIMITING DISTANCE(LD) = 62.4M
EXPOSING BUILDING FACE (EBF) = 58.5 SM
PROPOSED UNPROTECTED OPENINGS = 24.5 SM (41.8%)
PERMITTED UNPROTECTED OPENINGS = 100%
MINIMUM FRR RATING: NONE
CONSTRUCTION / CLADDING: COMBUSTIBLE OR NON-COMBUSTIBLE

SOUTHWEST 01 WALLS
LIMITING DISTANCE(LD) = 12.6M (SE) AND 13.9M (SW)
EXPOSING BUILDING FACE (EBF) = 156 SM
PROPOSED UNPROTECTED OPENINGS = 16.4 SM (10.5%)
PERMITTED UNPROTECTED OPENINGS = 100%
MINIMUM FRR RATING: NONE
CONSTRUCTION / CLADDING: COMBUSTIBLE OR NON-COMBUSTIBLE

SOUTHEAST 02 & SOUTHWEST 02 WALLS
LIMITING DISTANCE(LD) = 72.3M (SW) AND 92.2M (SE)
EXPOSING BUILDING FACE (EBF) = 212 SM
PROPOSED UNPROTECTED OPENINGS = 32.6 SM (15.4%)
PERMITTED UNPROTECTED OPENINGS = 100%
MINIMUM FRR RATING: NONE
CONSTRUCTION / CLADDING: COMBUSTIBLE OR NON-COMBUSTIBLE

WEST WALLS
LIMITING DISTANCE(LD) = 17.8M
EXPOSING BUILDING FACE (EBF) = 166 SM
PROPOSED UNPROTECTED OPENINGS = 7.9 SM (5%)
PERMITTED UNPROTECTED OPENINGS = 100%
MINIMUM FRR RATING: NONE
CONSTRUCTION / CLADDING: COMBUSTIBLE OR NON-COMBUSTIBLE

3.2.4 FIRE ALARM
- FIRE ALARM AND DETECTION SYSTEM IS REQUIRED/PROVIDED: YES
- SIGNAL TO FIRE DEPARTMENT IS REQUIRED/PROVIDED: YES

3.2.5 PROVISIONS FOR FIRE FIGHTING
- ACCESS ROUTES FOR FIRE DEPARTMENT VEHICLES, INCLUDING TURN AROUND: YES
- LOCATION OF HYDRANT: TO BE PROVIDED WITHIN 45 M OF FIRE DEPARTMENT CONNECTION ON THE BUILDING
- SPRINKLER SYSTEM CONNECTION: YES

3.2.6 EMERGENCY LIGHTING
- EMERGENCY LIGHTING IS REQUIRED/PROVIDED: YES

SECTION 3.3 - SAFETY WITHIN FLOOR AREAS
- BUILDING DIVIDED INTO FIRE COMPARTMENTS NOT MORE THAN 1,000 SM
- COMPARTMENTS SEPARATED BY A 1 HR FIRE SEPARATION
- 45 M TRAVEL DISTANCE WITHIN FIRE COMPARTMENT
- RESIDENT ROOMS SEPARATION (HR): 0 HR
- BARRIER-FREE PROTECTION (3.3.1.7): N/A AS BLDG IS SPRINKLERED
- JANITOR'S ROOM SEPARATION (HR): 0 HR
- STORAGE GARAGE SEPARATION (3.3.5.6): 1.5 HR

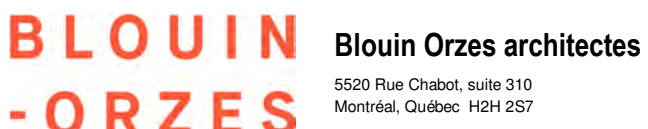
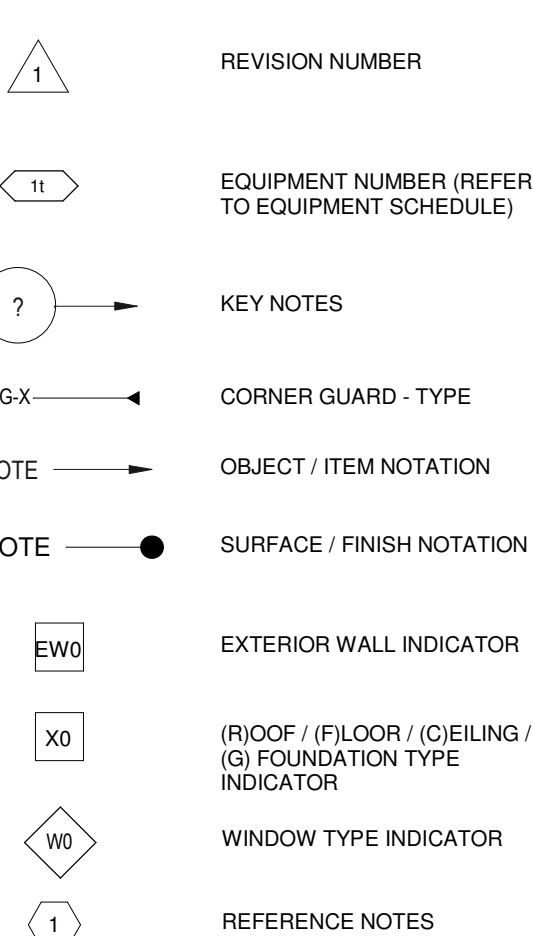
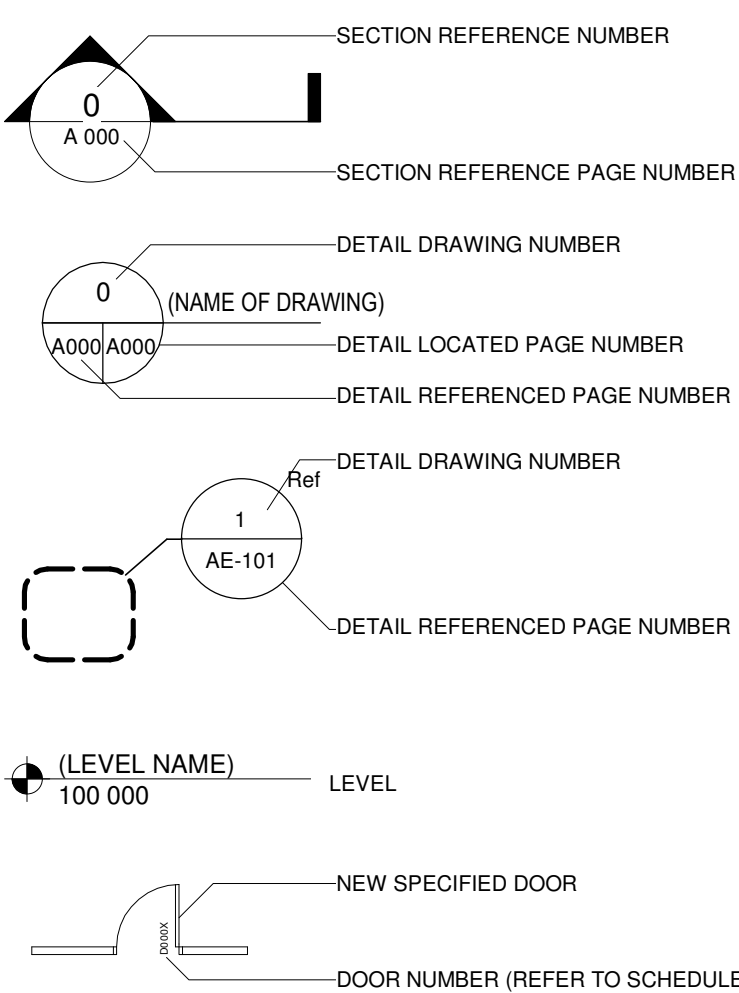
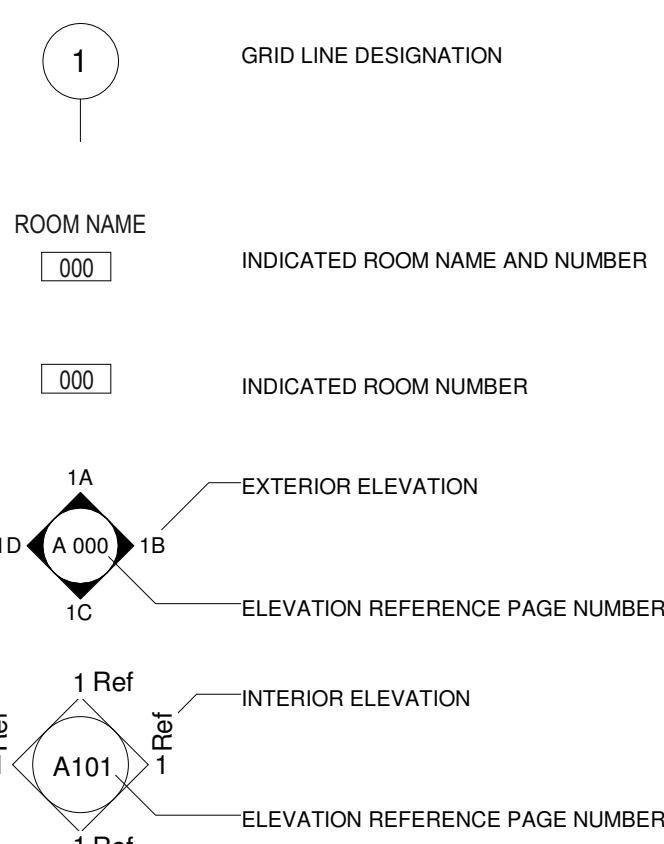
SECTION 3.4 - EXITS
- MINIMUM TWO EXITS ARE REQUIRED: 6 PROVIDED
- TRAVEL DISTANCE NOT LESS THAN 45M TO AT LEAST ONE EXIT
- EXITS SHALL BE NOT MORE THAN ONE HALF THE MAX. DIAGONAL DIMENSION OF THE FLOOR AREA BUT NOT LESS THAN 9M
- EXIT CAPACITY: 18.4MM x 160 PERSONS = 2,944MM | PROVIDING 6 EXITS @ MIN. 900MM = 5,400MM
- CORRIDOR AND PASSAGEWAYS: 1,100MM
- EXIT SIGNAGE (3.4.5) IS REQUIRED: YES

SECTION 3.6 - VERTICAL SERVICE SPACES - N/A

SECTION 3.7 - WASHROOMS
OCCUPANCY: 160 - 24 RESIDENTS AS EACH RESIDENT HAS WASHROOM
136 PERSONS - 10 (UTR PROVIDED) = 126 PERSONS
MPR / FAMILY LOUNGE: 60 PERSONS
FEMALE: 2 W/C REQUIRED
MALE: 1 W/C REQUIRED
NOTE: PROVIDING 3 GENDER NEUTRAL W/C'S
REMAINING FACILITY: 66 PERSONS (STAFF AND RESIDENT GUESTS)
FEMALE: 2 W/C REQUIRED
MALE: 1 W/C REQUIRED
NOTE: PROVIDING 9 GENDER NEUTRAL W/C'S

SECTION 3.8 - BARRIER-FREE DESIGN
- BARRIER-FREE ACCESS TO ALL MAIN FLOOR TENANTS: YES
- PUBLIC ENTRANCE DOORS WITH POWER OPERATORS: YES
- BARRIER-FREE WASHROOMS ARE PROVIDE: YES

SYMBOL LEGEND



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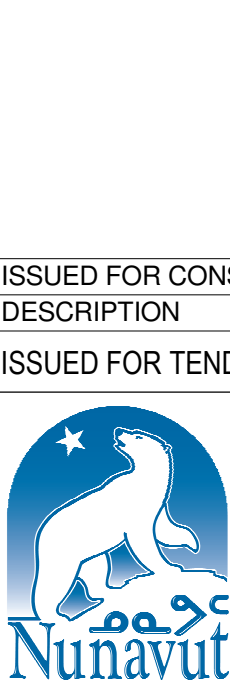
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REV	DATE	DESCRIPTION
5	2021.05.06	ISSUED FOR CONSTRUCTION
21.03.08		ISSUED FOR TENDER

CLIENT:



KIVALLIQ LONG TERM CARE FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

TITLE:
GENERAL NOTES, SYMBOLS,
ABBREVIATIONS & DESIGN SUMMARY
SCALE: 1 : 25
PROJECT NUMBER: 2020.00900
DRAWN BY: Author

GI-002

INTERIOR PARTITION TYPES

- GENERAL NOTES:
- ALL INTERIOR PARTITIONS TO BE 'C66' UNLESS NOTED OTHERWISE.
 - ALL INTERIOR PARTITIONS THAT ARE NOT TO U/S OF STRUCTURE MUST BE BRACED TO U/S STRUCTURE FROM ABOVE THE CEILING.
 - PROVIDE BLOCKING FOR ALL SECURED WALL MOUNTED EQUIPMENT & ACCESSORIES.
 - GYPSUM BOARD TO BE 16mm UNO.
 - BATT INSULATION TO FILL ENTIRE CAVITY WHERE INDICATED.
 - PROVIDE MOISTURE RESISTANT GWB IN ALL WET AREAS (WASHROOMS, JANITOR ROOMS, SHOWERS & ADJACENT SPACES).
 - ALL INTERIOR PARTITIONS REQUIRE MIN. STC-47 UNO.
 - SEAL PERIMETER & ALL PENETRATIONS.
 - WHERE FRR RATING IS SHOWN, FIRESTOP & SMOKE SEAL PERIMETER & ALL PENETRATIONS.
 - PROVIDE ABUSE RESISTANT GWB UP TO 1200mm AFF AT ALL PARTITIONS (INTERIOR FINISH SIDE OF THE NOTED ROOMS) IN THE FOLLOWING AREAS:
 - CORRIDOR C01
 - CORRIDOR C03
 - CORRIDOR C04
 - RESIDENT WING CG CORRIDORS
 - LIVING A/B 108/111
 - DEN A/B 113
 - VESTIBULE 101
 - FOYER 102

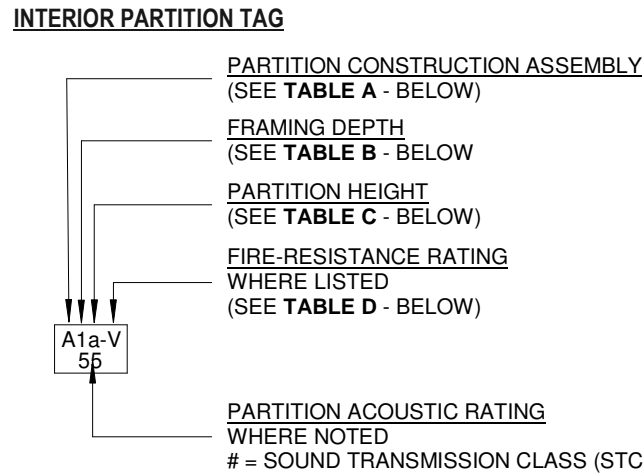


TABLE A - PARTITION CONSTRUCTION ASSEMBLY					
TAG	SHEATHING	FRAMING MEMBERS @400 O.C. UNO	SHEATHING	FIRE-RESISTANCE RATING	DESIGNATION
A	1-LAYER	STEEL STUD	NONE		
B	1-LAYER	STEEL STUD	1-LAYER		
C	1-LAYER	STEEL STUD c/w ACOUSTIC BATT INSULATION	1-LAYER		
D	1-LAYER TYPE 'X'	STEEL STUD c/w MINERAL WOOL FIRE/ACOUSTIC INSULATION	1-LAYER TYPE 'X'	1 HR	ULC #W453
E	2-LAYER TYPE 'X'	STEEL STUD c/w MINERAL WOOL FIRE/ACOUSTIC INSULATION	2-LAYER TYPE 'X'	2 HR	ULC #W453
F	1-LAYER TYPE 'X'	STEEL STUD	1-LAYER TYPE 'X'	1 HR	ULC #W453
G	2-LAYER TYPE 'X'	2 ROWS STAGGERED STEEL STUDS c/w ACOUSTIC BATT INSULATION EACH CAVITY	2-LAYER TYPE 'X'	0 HR	
H	RESERVED				
I	1-LAYER TYPE 'X'	STEEL STUD c/w MINERAL WOOL FIRE/ACOUSTIC INSULATION	2-LAYER TYPE 'X'	1 HR	ULC #W453
J	1-LAYER	25mm AIR SPACE + STEEL STUD	NONE		
K	1-LAYER	STEEL STUD c/w ACOUSTIC BATT INSULATION	2-LAYER		
L	1-LAYER	STEEL STUD c/w ACOUSTIC BATT INSULATION	NONE		
M	NONE	MASONRY	NONE		
N	1-LAYER	STEEL STUD c/w ACOUSTIC BATT INSULATION	NONE	0 HR	
O	1-LAYER 16mm CEMENT BOARD	FURRING CHANNEL	NONE		
P	2-LAYER 9mm GWB	STEEL STUD c/w ACOUSTIC BATT INSULATION	2-LAYER 9mm GWB		

CEILING FINISH TYPES

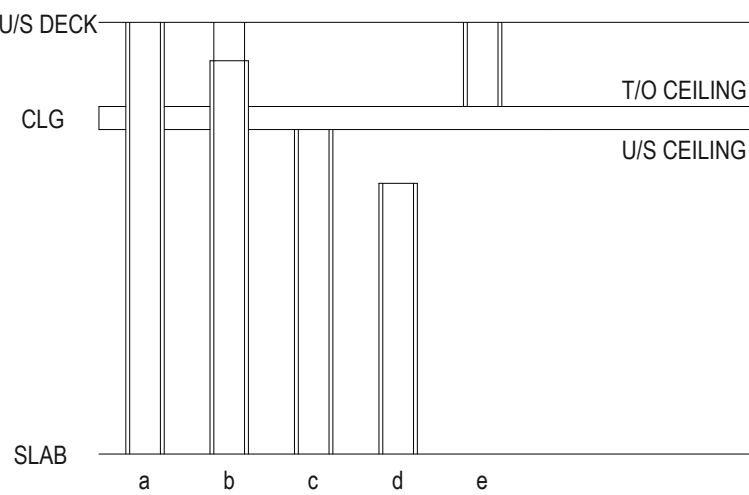
- GENERAL NOTES:
- GYPSUM BOARD TO BE 16mm UNO.
 - BATT INSULATION TO FILL ENTIRE CAVITY WHERE INDICATED.
 - PROVIDE MOISTURE RESISTANT GB IN WASHROOMS, JANITOR ROOMS, SHOWERS & ADJACENT SPACES.
 - ALL INTERIOR CEILINGS REQUIRE MIN. STC-47 UNO.
 - SEAL PERIMETER & ALL PENETRATIONS.
 - WHERE FRR RATING IS SHOWN, FIRESTOP & SMOKE SEAL PERIMETER & ALL PENETRATIONS.
 - ARCHITECTURAL RCPs ARE FOR DESIGN INTENT ONLY. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR FULL EXTENT AND QUANTITY OF M/E COMPONENTS.
 - CENTRE ACT CEILING GRID WITHIN ROOM - TYP. UNO.
 - CENTRE M/E COMPONENTS IN ACT PANELS - TYP. UNO.
 - VERTICAL TRANSITIONS BETWEEN DIFFERING CEILING HEIGHTS ARE TO BE FINISHED WITH PAINTED GB - UNO.

C1	GYPSUM BOARD • SUSPENDED STEEL STUD FRAMING • 16mm, GYPSUM BOARD	C4	ACOUSTICAL CEILING TILE • SUSPENDED SYSTEM • ACOUSTICAL CEILING TILE (610x1220)	C7	ACOUSTICAL CEILING TILE - SPINE • SUSPENDED SYSTEM • ACOUSTICAL CEILING TILE (300x1200 + 600x1200 LAYOUT) • BAFFLES
C2	GYPSUM BOARD • ACOUSTIC INSULATION • SUSPENDED STEEL STUD FRAMING • 16mm, GYPSUM BOARD	C5	EXPOSED CEILING • EXPOSED STRUCTURE	C8	COOLERS/FREEZERS (BY FF & E) • INSULATED METAL PANEL (IMP)
C3	ACOUSTICAL CEILING TILE • SUSPENDED SYSTEM • ACOUSTICAL CEILING TILE (610x610)	C6	RESERVED		

TABLE B - FRAMING DEPTH
*PROVIDE TOP TRACK FOR DEFLECTION

TAG	STEEL STUD DEPTH
1	22mm FURRING CHANNEL
2	41mm
3	64mm
4	92mm
5	RESERVED
6	152mm
7	RESERVED
8	203mm

TABLE C - PARTITION HEIGHTS



PARTITION HEIGHT DEFINITIONS

- a: GWB & STUDS RUN FROM SLAB TO U/S DECK
b: GWB & STUDS RUN FROM SLAB TO 300mm ABOVE FINISHED CLG; CONTINUE TO DECK FOR BRACING AS REQUIRED.
c: GWB & STUDS RUN FROM SLAB TO U/S OF CLG.
d: GWB & STUDS RUN FROM SLAB TO SPECIFIED HEIGHT
e: GWB & STUDS RUN FROM T/O CLG TO U/S DECK

TABLE D - PARTITION FIRE-RESISTANCE RATING

- V: NON-RATED FIRE SEPARATION (SMOKE) W: 45 MIN. FIRE SEPARATION
X: 1 HOUR FIRE SEPARATION Y: 1.5 HOUR FIRE SEPARATION
Z: 2 HOUR FIRE SEPARATION

CONSTRUCTION ASSEMBLIES

ROOF TYPES

- R1 ROOF ASSEMBLY (RSI 9.0)
- MODIFIED BITUMEN CAP SHEET MEMBRANE
 - 13mm, MODIFIED BITUMEN BASE SHEET MEMBRANE LAMINATED ON A HD POLYISOCYANURATE BOARD
 - 102mm, RIGID POLYISOCYANURATE BOARD INSULATION
 - 102mm, RIGID POLYISOCYANURATE BOARD INSULATION
 - SELF-ADHERED AIR/VAPOUR MEMBRANE
 - 13mm, FIBERGLASS MAT EXTERIOR GYPSUM DECK BOARD (REPLACE GYPSUM DECK BOARD BY 13mm EXTERIOR GRADE PLYWOOD SHEATHING ON THE FIRST 610mm OF THE ROOF PERIMETER)
 - STEEL DECK AND OWSJ (REFER TO STRUCTURAL)

- R20 ROOF ASSEMBLY - ANCILLARY STRUCTURES
- 35mm, METAL ROOF CLADDING, EXPOSED FASTENERS
 - SELF-ADHERED UNDERLAYMENT
 - 16mm, PLYWOOD SHEATHING, EXTERIOR GRADE
 - 184mm, WOOD JOISTS (REFER TO STRUCTURAL)
 - METAL LINER PANEL (INTERIOR)
 - METAL SOFFIT & FASCIA (EXTERIOR)

SOFFIT TYPES

- S1 SOFFIT ASSEMBLY - ROOF OVERHANG
- 10mm, PRE-FINISHED METAL SIDING, HIDDEN FASTENERS
 - 22mm, HAT CHANNEL FURRING BARS @ 610mm o/c
 - 92mm, SUSPENDED EXTERIOR STEEL STUD FRAME
 - STEEL STRUCTURE (C-CHANNEL OR HSS - REFER TO STRUCTURAL)
 - STEEL DECK (REFER TO STRUCTURAL)

CONSTRUCTION ASSEMBLIES

EXTERIOR WALL TYPES

- EW1 EXTERIOR WALL (RSI 6.4)
- 38mm, PRE-FINISHED METAL SIDING, HIDDEN FASTENERS
 - 22mm, AIR SPACE C/W HAT CHANNEL FURRING BARS @ 610mm o/c
 - BREATHABLE WATER RESISTIVE BARRIER
 - 51mm, SEMI-RIGID STONE WOOL INSULATION C/W VERTICAL Z-BAR SUB-GIRTS @ 813mm o/c
 - 152mm, SEMI-RIGID STONE WOOL INSULATION C/W 152mm THERMALLY BROKEN FIBERGLASS WALL CLIPS @ 813mm o/c HORIZONTAL SPACING AND 660mm o/c VERTICAL SPACING
 - SELF-ADHERED AIR/VAPOUR MEMBRANE
 - 13mm, FIBERGLASS MAT EXTERIOR GYPSUM BOARD SHEATHING
 - 152mm, EXTERIOR STEEL STUD @ 406mm o/c MAX.
 - 16mm, FIRE-RESISTIVE (TYPE X) GYPSUM BOARD

- EW2 LOWER CRAWL SPACE WALL (RSI 7.3)
- 13mm, PRE-FINISHED METAL CLADDING
 - 22mm, HAT CHANNEL @ 610mm o/c
 - 152mm, (2X 76mm) RIGID POLYSTYRENE BOARD INSULATION (XPS) C/W Z-BAR SUB-GIRTS @ 1220mm o/c MAX.
 - 51mm, PRE-GROOVED RIGID POLYSTYRENE BOARD INSULATION (XPS) C/W U-SHAPED METAL FURRING INSERTIONS
 - SELF-ADHERED AIR/VAPOUR MEMBRANE
 - 13mm, CEMENT BOARD
 - 92mm, EXTERIOR STEEL STUD @ 406mm o/c MAX.
 - 152mm, EXTERIOR STEEL STUD @ 406mm o/c MAX.
 - 16mm, FIRE-RESISTIVE (TYPE X) GYPSUM BOARD

- EW4 HIGH ROOF WALL (RSI 6.4)
- 38mm, PRE-FINISHED METAL SIDING, HIDDEN FASTENERS
 - 51mm, SEMI-RIGID STONE WOOL INSULATION C/W HORIZONTAL Z-BAR SUB-GIRTS @ 610mm o/c
 - BREATHABLE WATER RESISTIVE BARRIER
 - 13mm, FIBERGLASS MAT EXTERIOR GYPSUM BOARD SHEATHING
 - 152mm, SEMI-RIGID STONE WOOL INSULATION C/W 127mm THERMALLY BROKEN FIBERGLASS WALL CLIPS AND 25mm VERTICAL SUB-GIRTS @ 813mm o/c HORIZONTAL SPACING AND 660mm o/c VERTICAL SPACING
 - SELF-ADHERED AIR/VAPOUR MEMBRANE
 - 13mm, FIBERGLASS MAT EXTERIOR GYPSUM BOARD SHEATHING
 - 152mm, EXTERIOR STEEL STUD @ 406mm o/c MAX.

- EW5 HIGH ROOF WALL (lower roof junction) (RSI 7.5)
- MODIFIED BITUMEN CAP SHEET MEMBRANE
 - MODIFIED BITUMEN BASE SHEET FLASHING MEMBRANE
 - 13mm, FIBERGLASS MAT EXTERIOR GYPSUM BOARD SHEATHING
 - 92mm, EXTERIOR STEEL STUD @ 610mm o/c MAX. C/W 92mm SEMI-RIGID STONE WOOL INSULATION
 - 152mm, SEMI-RIGID STONE WOOL INSULATION C/W 127mm THERMALLY BROKEN FIBERGLASS WALL CLIPS AND 25mm VERTICAL SUB-GIRTS @ 813mm o/c HORIZONTAL SPACING AND 660mm o/c VERTICAL SPACING
 - SELF-ADHERED AIR/VAPOUR MEMBRANE
 - 13mm, FIBERGLASS MAT EXTERIOR GYPSUM BOARD SHEATHING
 - 152mm, EXTERIOR STEEL STUD @ 406mm o/c MAX.

- EW20 EXTERIOR WALL - ANCILLARY STRUCTURES
- 38mm, PRE-FINISHED METAL SIDING, HIDDEN FASTENERS
 - 22mm, AIR SPACE C/W HAT CHANNEL FURRING BARS @ 610mm o/c
 - SELF-ADHERE AIR BARRIER MEMBRANE
 - 13mm, PT EXTERIOR PLYWOOD SHEATHING
 - 100mm, WOOD STUD FRAMING, PRESSURE TREATED, @ 406mm o/c
 - 19mm, PT WOOD FURRING
 - 13mm, METAL LINER PANEL

FLOOR TYPES

- F1 SUSPENDED FLOOR (RSI 7.3)
- FLOOR FINISH (REFER TO FINISH SCHEDULE)
 - CONCRETE SLAB ON STEEL DECK (REFER TO STRUCTURAL)
 - OPEN WEB STEEL JOIST (REFER TO STRUCTURAL)
 - 35mm, U TYPE STRUT CHANNEL CLAMPED TO BOTTOM CHORD OF STEEL JOISTS @ 915mm o/c MAX.
 - 38mm, HAT CHANNEL FURRING, 16 GA @ 610mm o/c MAX.
 - 13mm, CEMENT BOARD
 - SELF-ADHERED AIR/VAPOUR MEMBRANE
 - 51mm, PRE-GROOVED RIGID POLYSTYRENE BOARD INSULATION (XPS) C/W U-SHAPED METAL FURRING INSERTIONS (51 x 19mm) @ 610mm o/c
 - 152mm, (2X 76mm) RIGID POLYSTYRENE BOARD INSULATION (XPS) C/W Z-BAR SUB-GIRTS @ 1220mm o/c MAX.
 - 22mm, HAT CHANNEL @ 610mm o/c
 - 13mm, PRE-FINISHED METAL CLADDING

- F2 MEZZANINE FLOOR
- FLOOR FINISH (REFER TO FINISH SCHEDULE)
 - CONCRETE SLAB ON STEEL DECK (REFER TO STRUCTURAL)
 - OPEN WEB STEEL JOIST (REFER TO STRUCTURAL)

- F20 ANCILLARY FLOOR
- 16mm, PT PLYWOOD SHEATHING
 - 164mm, WOOD JOISTS @ 406mm o/c
 - GALVANIZED STEEL SKID
 - HSS 102X102x6.4 INTERMEDIATES
 - HSS 152x152x6.4 MAIN FRAME

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5	2021.05.06	ISSUED FOR CONSTRUCTION
2	2021.03.25	ADDENDA #4
REV	DATE	DESCRIPTION
	21.03.08	ISSUED FOR TENDER

CLIENT:



KIVALLIQ LONG TERM CARE FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

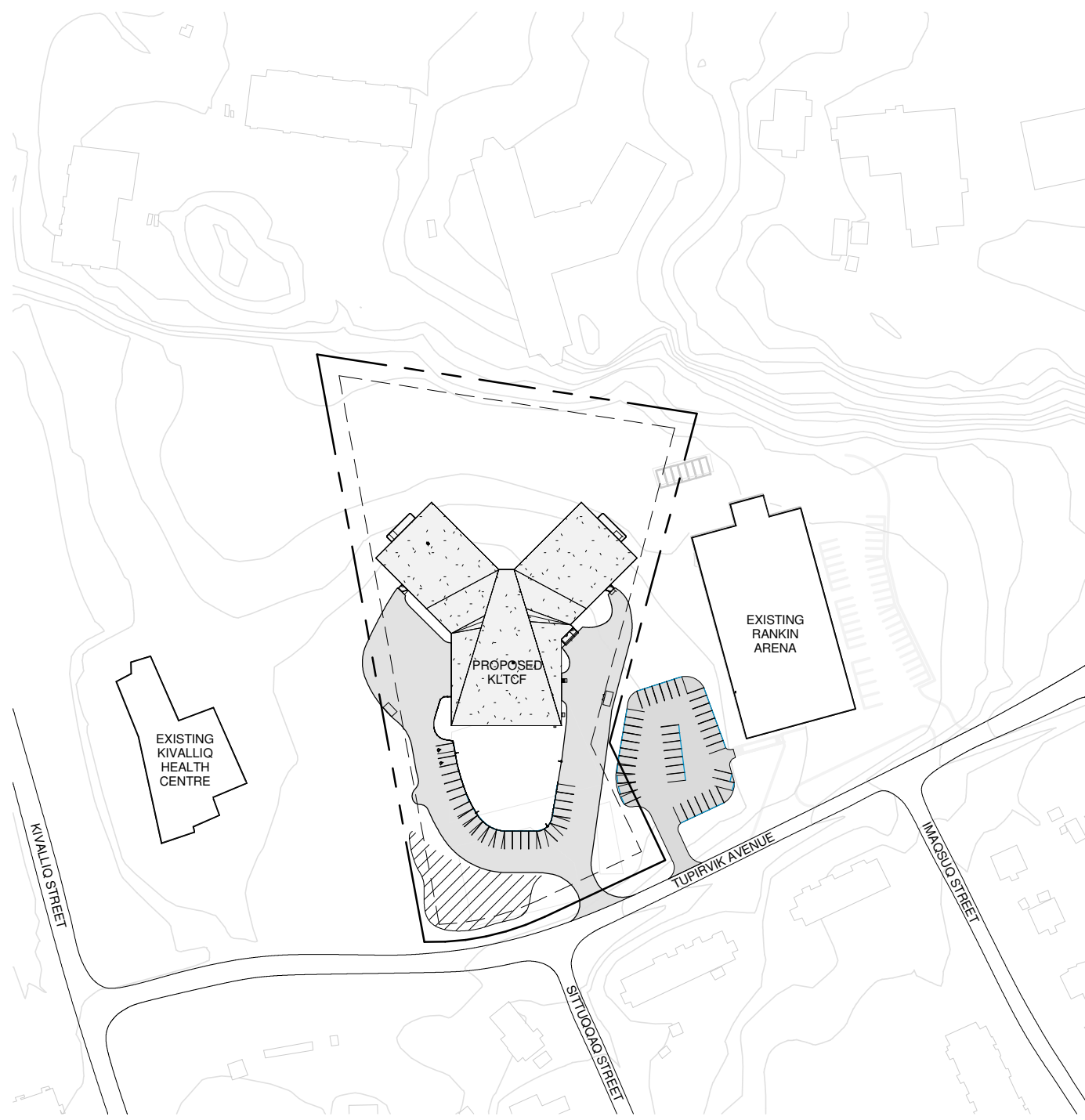
TITLE:
ASSEMBLIES

SCALE: As indicated
PROJECT NUMBER: 2020.00900
DRAWN BY: Author

GI-003



1 SITE PLAN
AS-101 1 : 500



2 KEY PLAN
AS-101 1 : 2000

KEYNOTES

- 001 EXISTING BOLLARDS TO REMAIN
- 002 EXISTING LIGHT STANDARDS C/W CONCRETE BASE TO REMAIN
- 003 EXISTING ARENA STAIRS AND RAILING TO REMAIN
- 004 DASHED LINE REFERS TO APPROX. EXTENT OF EXISTING ARENA PARKING LOT CT BE RECONFIGURED. REFER TO CIVIL
- 006 PROPERTY LINE. REFER TO SURVEY
- 007 YARD SETBACKS
- 010 EXISTING ACCESS VAULT C/W HYDRANT, REFER TO CIVIL
- 015 PARKING LOT GUARDRAIL, REFER TO LANDSCAPE
- 017 RECONFIGURED PARKING LOT, REFER TO CIVIL
- 018 FUEL TANK ON CONCRETE PAD, REFER TO MECHANICAL AND STRUCTURAL
- 019 GENERATOR, REFER TO ELECTRICAL
- 020 WASTE ENCLOSURE - TO BE PRICED AS ALTERNATE PRICE. REFER TO SPECIFICATION
- 021 LINE OF BUILDING FACE BELOW
- 023 BOLLARD TO PROTECT, REFER TO CIVIL
- 024 PARKING STALL LINES SHOWN FOR PARKING STALL COUNT ONLY - NOT TO BE PAINTED ON GROUND - TYP.
- 025 PROPOSED ACCESS VAULT C/W HYDRANT, REFER TO CIVIL
- 030 SITE LIGHTING, REFER TO ELECTRICAL
- 031 1830x1320mm REINFORCED CONCRETE PAD APPROXIMATELY 1620mm AWAY FROM BOTH GENERATOR AND FUEL TANK

ZONING ANALYSIS

RANKIN INLET ZONING BY-LAW NO. 266 (JULY 2014)

PROPERTY LEGAL DESCRIPTION: LOT 850, PLAN 3636, RANKIN INLET, NUNAVUT

ZONING: "CU" COMMUNITY USE - PERMITTED USE: "ELDERS FACILITY"

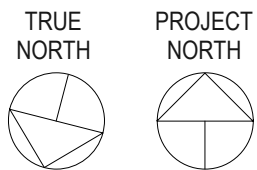
YARD REQUIREMENTS (SETBACKS):
FRONT: 6 METERS
REAR: 6 METERS
INTERIOR SIDE: 6 METERS
EXTERIOR SIDE: 2 METERS
HEIGHT RESTRICTIONS: 3 STOREYS, NOT TO EXCEED 12 METERS (40')

PARKING: COMMUNITY USE, OTHER - 1 SPACE PER 75 SM GROSS FLOOR AREA
3,442 SM / 75 SM = 45 STALLS REQUIRED / 24 STALLS PROPOSED
STANDARD STALL SIZE: 6.0M LONG X 2.7M WIDE
1 STALL PER 25 STALLS IS TO BE ACCESSIBLE
1 ACCESSIBLE STALL REQUIRED / 2 ACCESSIBLE STALLS
ACCESSIBLE STALL SIZE: 6.0M LONG X 3.7M WIDE
PARKING AISLE @ 6.5M WIDE

LOADING SPACE: REQUIRED FOR ALL NON-RESIDENTIAL ZONES

OTHER REQUIREMENTS:

ACCESSORY BUILDING / STRUCTURE:
PERMITTED IN ANY ZONE BUT SHALL NOT EXCEED 50% OF THE GROSS FLOOR AREA OF THE MAIN BUILDING.
COMPLY WITH THE FRONT YARD AND/OR EXTERIOR SIDE SETBACKS FOR PRIMARY BUILDING AND NOT BE CLOSER THAN 1.0M TO INTERIOR SIDE OR REAR LOT LINE.
NOT EXCEED ONE-HALF THE HEIGHT OF THE MAIN BUILDING.



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5	2021.05.06	ISSUED FOR CONSTRUCTION
4	2021.04.07	ADDENDA #6
REV	DATE	DESCRIPTION
	21.03.08	ISSUED FOR TENDER

CLIENT:

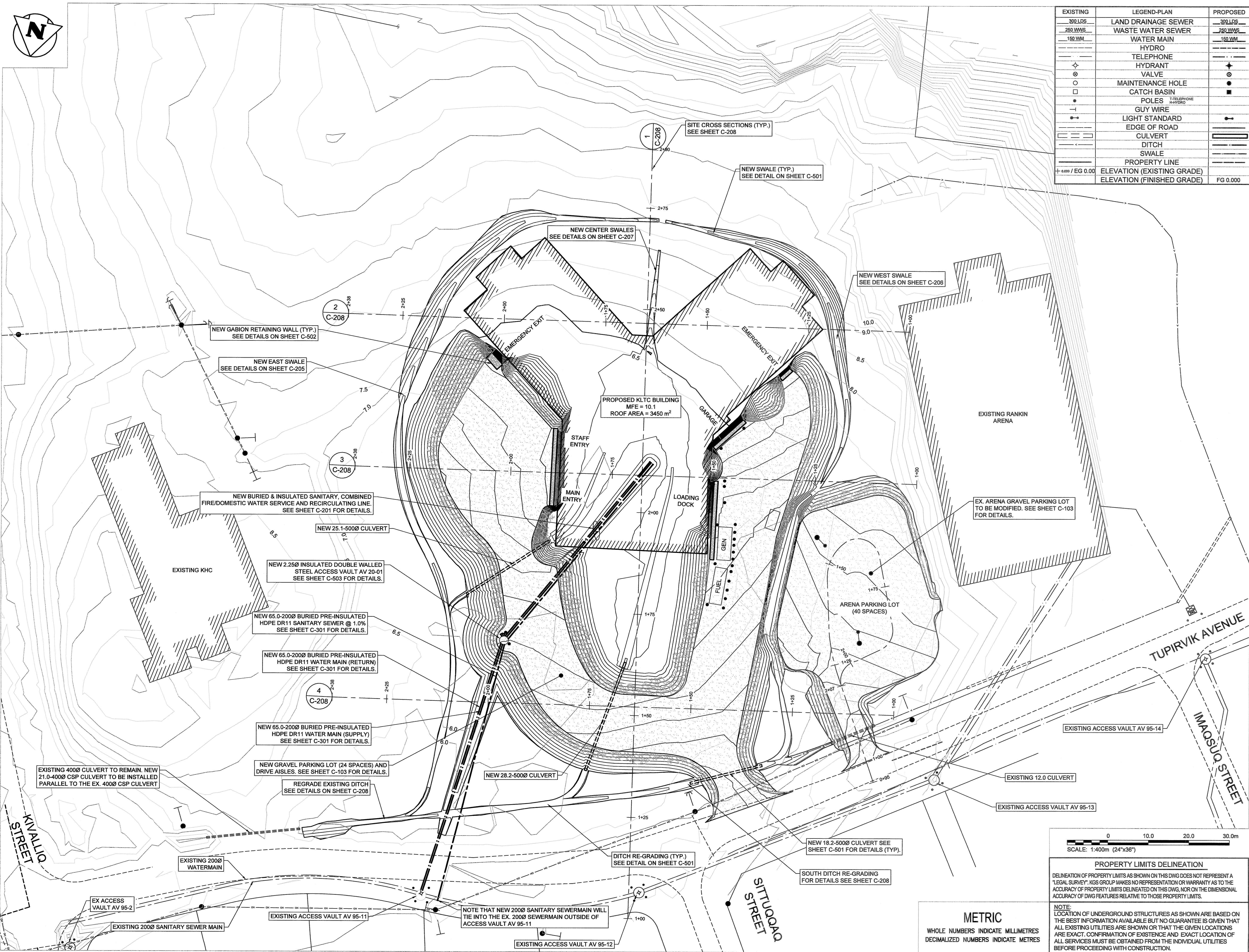


KIVALLIQ LONG TERM CARE FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

TITLE:
ARCHITECTURAL SITE PLAN

SCALE: As indicated
PROJECT NUMBER: 2020.00900
DRAWN BY: Author

AS-101



EXISTING	LEGEND-PLAN	PROPOSED
	LAND DRAINAGE SEWER	
	WASTE WATER SEWER	
	WATER MAIN	
	HYDRO	
	TELEPHONE	
	HYDRANT	
	VALVE	
	MAINTENANCE HOLE	
	CATCH BASIN	
	POLES	
	GUY WIRE	
	LIGHT STANDARD	
	EDGE OF ROAD	
	CULVERT	
	DITCH	
	SWALE	
	PROPERTY LINE	
+ 0.000 / EG 0.00	ELEVATION (EXISTING GRADE)	
	ELEVATION (FINISHED GRADE)	FG 0.000

109-374 River Avenue, Winnipeg MB Canada, R3L 0E4

204.944.9272
204.944.9275 (fax)
vernereimer.com

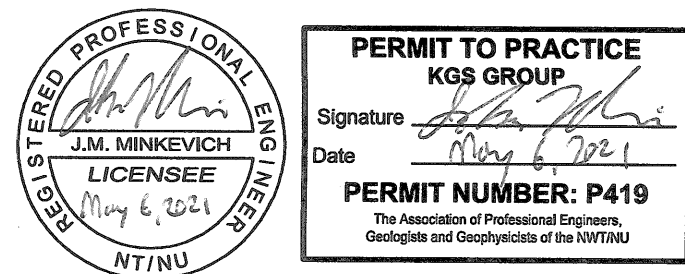
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CONSULTANTS:

KGS
GROUP

NOTES:

PERMIT / STAMP:



REVISION	APPD.	DATE
ISSUED FOR CONSTRUCTION	JMM	21.05.08
ISSUED FOR TENDER	JMM	21.03.08
DELIVERABLES	APPD.	DATE

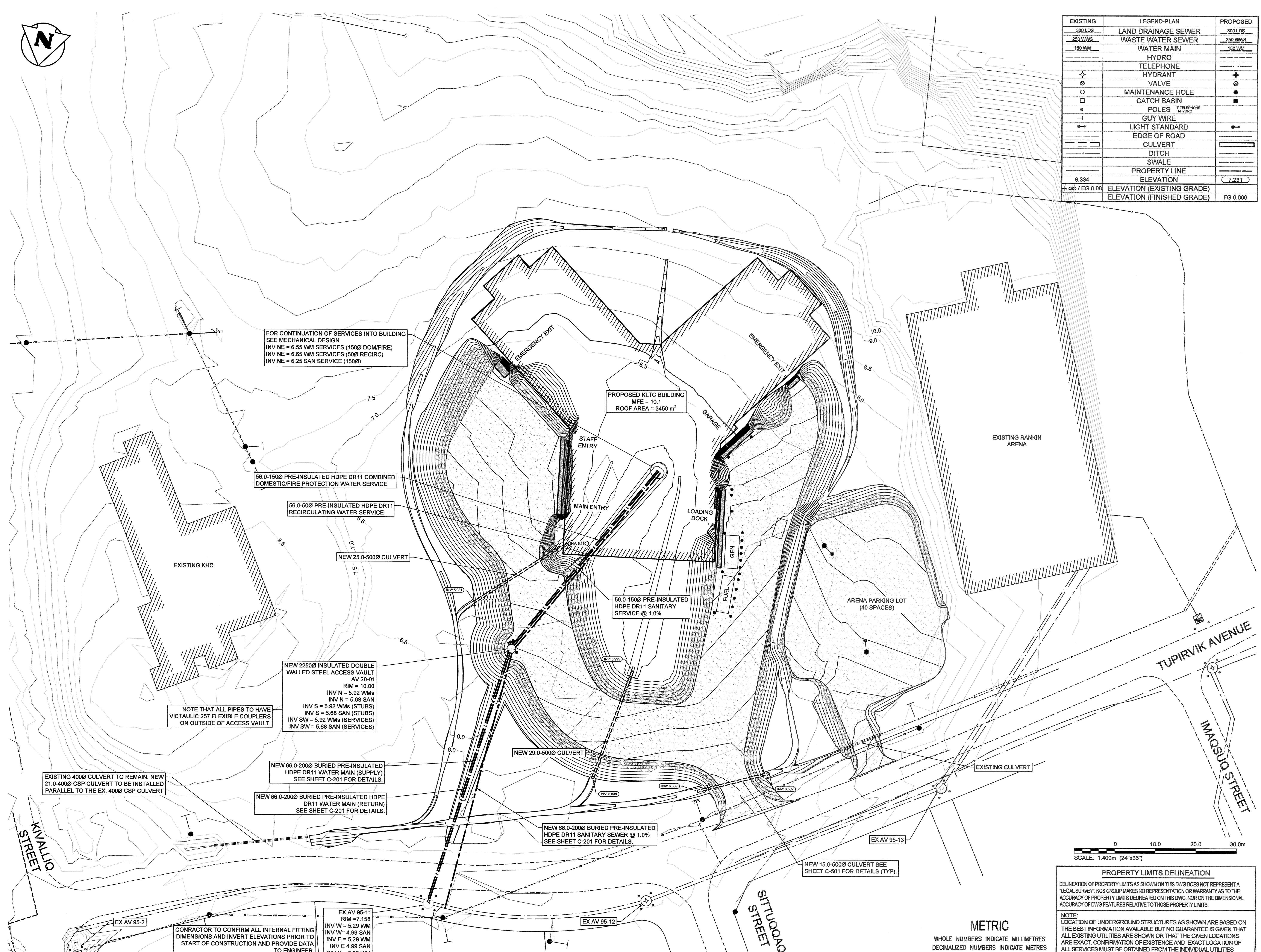
CLIENT:
GOVERNMENT OF NUNAVUT (GN)

KIVALLIQ SENIORS' LONG TERM CARE
FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

TITLE:
OVERALL SITE PLAN

SCALE: 1:400
PROJECT NUMBER: 2020.00900
DRAWN BY: IT

C-101



EXISTING	LEGEND-PLAN	PROPOSED
300 LPS	LAND DRAINAGE SEWER	300 LPS
250 WWS	WASTE WATER SEWER	250 WWS
150 WM	WATER MAIN	150 WM
—	HYDRO	—
—	TELEPHONE	—
◆	HYDRANT	◆
⊗	VALVE	⊗
○	MAINTENANCE HOLE	○
□	CATCH BASIN	■
•	POLES TELEPHONE HYDRO	•
—	GUY WIRE	—
—	LIGHT STANDARD	—
—	EDGE OF ROAD	—
—	CULVERT	—
—	DITCH	—
—	SWALE	—
—	PROPERTY LINE	—
8.334	ELEVATION	7.231
+ 0.000 / FG 0.00	ELEVATION (EXISTING GRADE) ELEVATION (FINISHED GRADE)	FG 0.000



**VERNE REIMER
ARCHITECTURE**
INCORPORATED

106-374 River Avenue, Winnipeg MB Canada, R3L 0E4
204.944.9272
204.944.9275 (fax)
verne@rainer.com

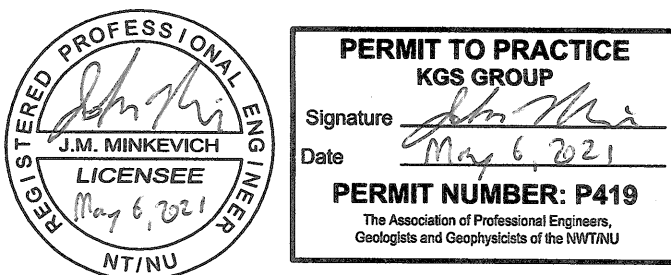
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CONSULTANTS:

KGS
GROUP

NOTES:

PERMIT / STAMP:



REVISION	APPD.	DATE
ISSUED FOR CONSTRUCTION	JMM	21.05.08
ISSUED FOR TENDER	JMM	21.03.08
DELIVERABLES	APPD.	DATE

CLIENT:
GOVERNMENT OF NUNAVUT (GN)

KIVALLIQ SENIORS' LONG TERM CARE
FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

TITLE:
SITE SERVICING PLAN

SCALE: 1:400
PROJECT NUMBER: 2020.00900
DRAWN BY: IT

C-102

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

PROPERTY LIMITS DELINEATION

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NOTE:

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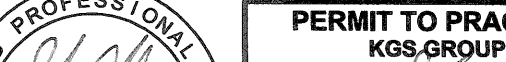
TOTAL CUT/FILL VOLUME FOR PROJECT SITE (INCLUDING OVERFLOW ARENA PARKING LOT)

NET VOLUME OF BACKFILL FOR MAIN KLTCF SITE = 13,550 m³
NET VOLUME OF BACKFILL FOR ARENA PARKING OVERFLOW = 1,250 m³
COMBINED NET VOLUME OF BACKFILL = 14,800 m³
*NOTE THAT VOLUMES ARE QUANTIFIED UP TO TOP OF FINISHED GRADES.

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KGS
GROUP

NOTES:



The image shows a circular professional engineer seal on the left and a permit to practice form on the right. The seal is for J.M. Minkevich, Licensee, with the date May 6, 2021. The permit form is for KGS GROUP, signed by J.M. Minkevich on May 6, 2021, with permit number P419. The form also includes the text 'The Association of Professional Engineering Geologists and Geophysicists of the NWT/NU'.

REGISTERED PROFESSIONAL ENGINEER
J.M. Minkevich
J.M. MINKEVICH
LICENSEE
May 6, 2021
 (NWT/NU)

PERMIT TO PRACTICE
KGS GROUP
 Signature *J.M. Minkevich*
 Date **May 6, 2021**
PERMIT NUMBER: P419
 The Association of Professional Engineering Geologists and Geophysicists of the NWT/NU

REVISION	APPD.	DATE

REVISION	APPD.	DATE
ISSUED FOR CONSTRUCTION	JMM	21.05.
ISSUED FOR TENDER	JMM	21.03.
DELIVERABLES	APPD.	DATE

CLIENT:
GOVERNMENT OF NUNAVUT (GN)

KIVALLIQ SENIORS' LONG TERM CARE
FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

TITLE:
SITE GRADING PLAN

SCALE: 1:400
PROJECT NUMBER: 2020.00900
DRAWN BY: IT

C-103

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

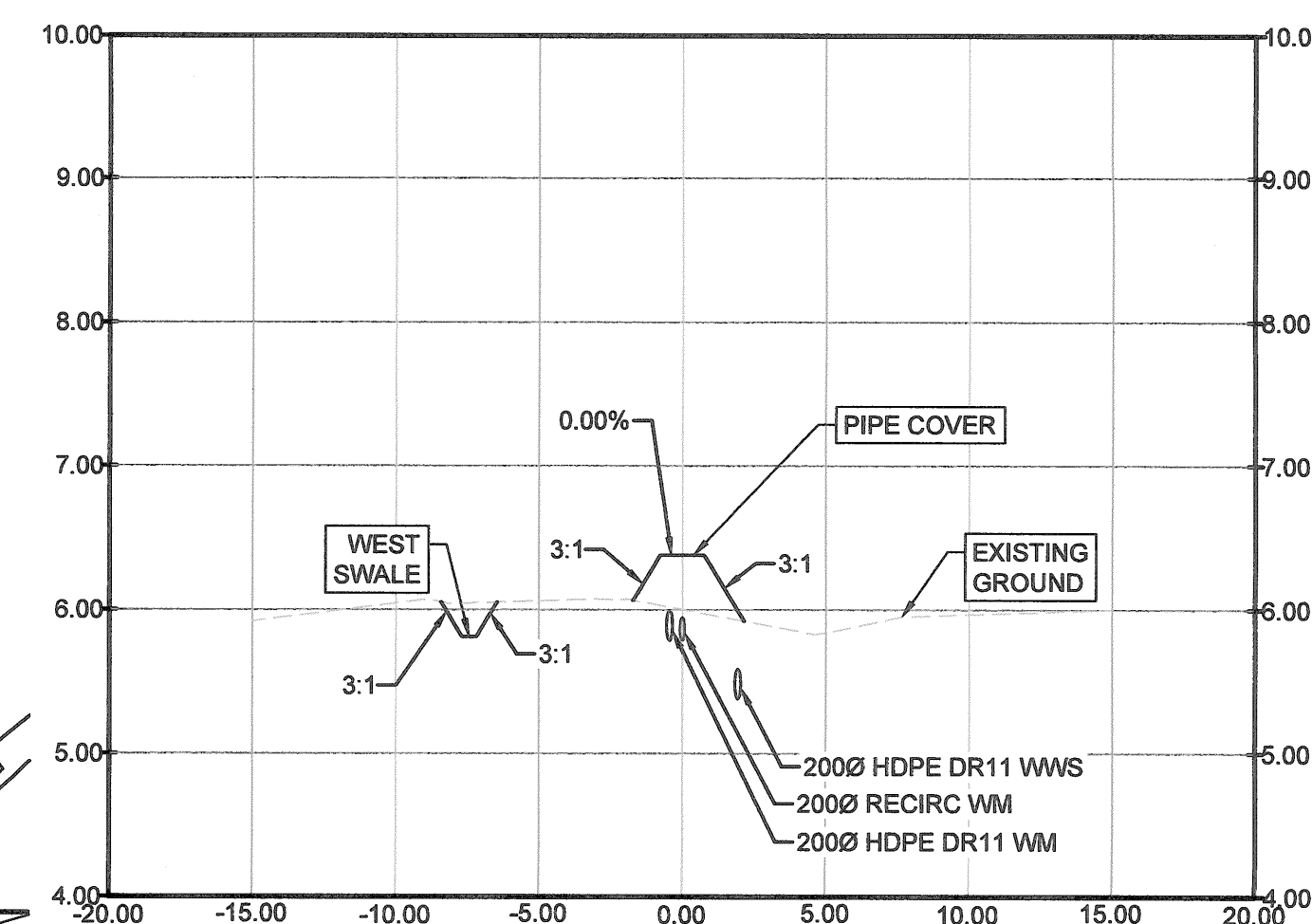
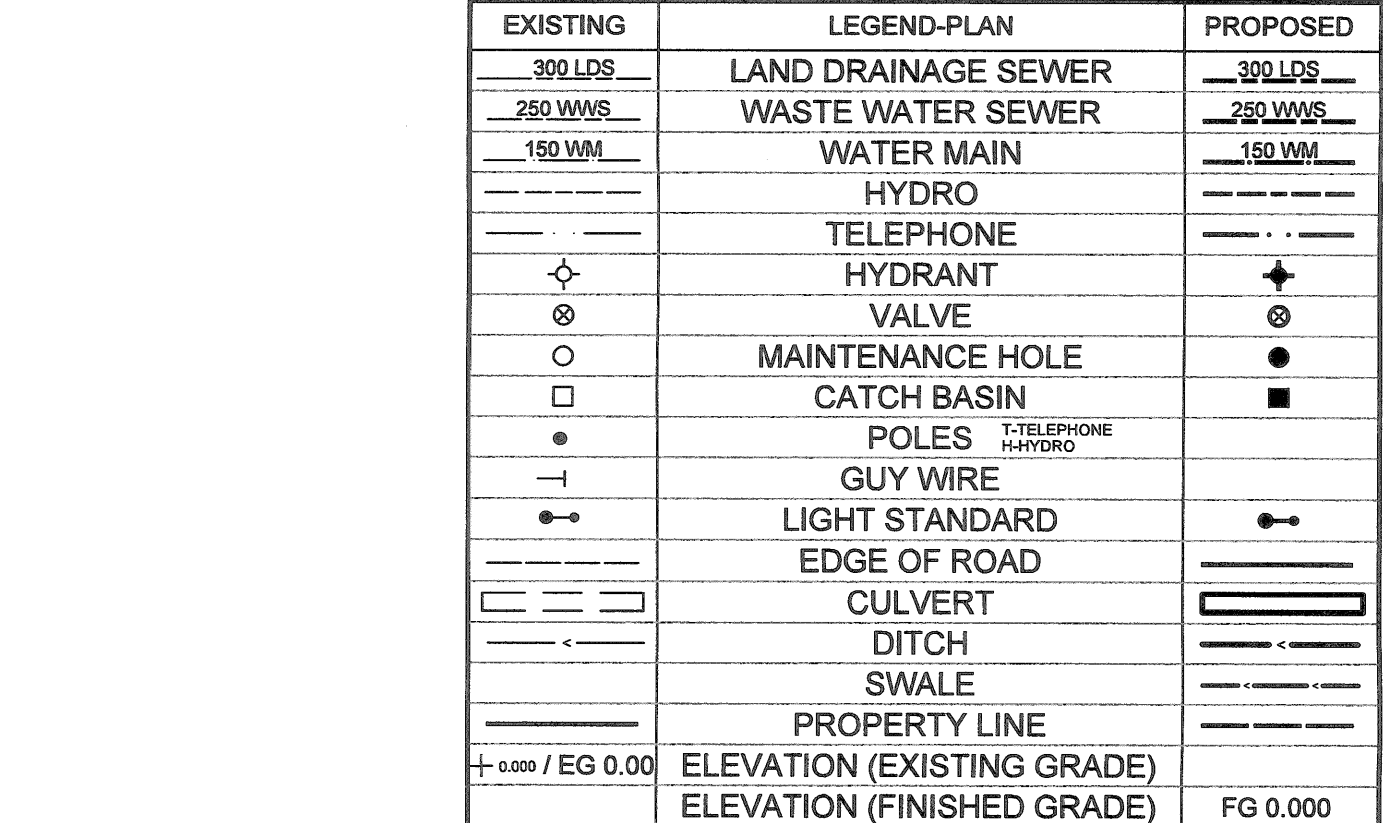
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1:400

2020.00900
IT

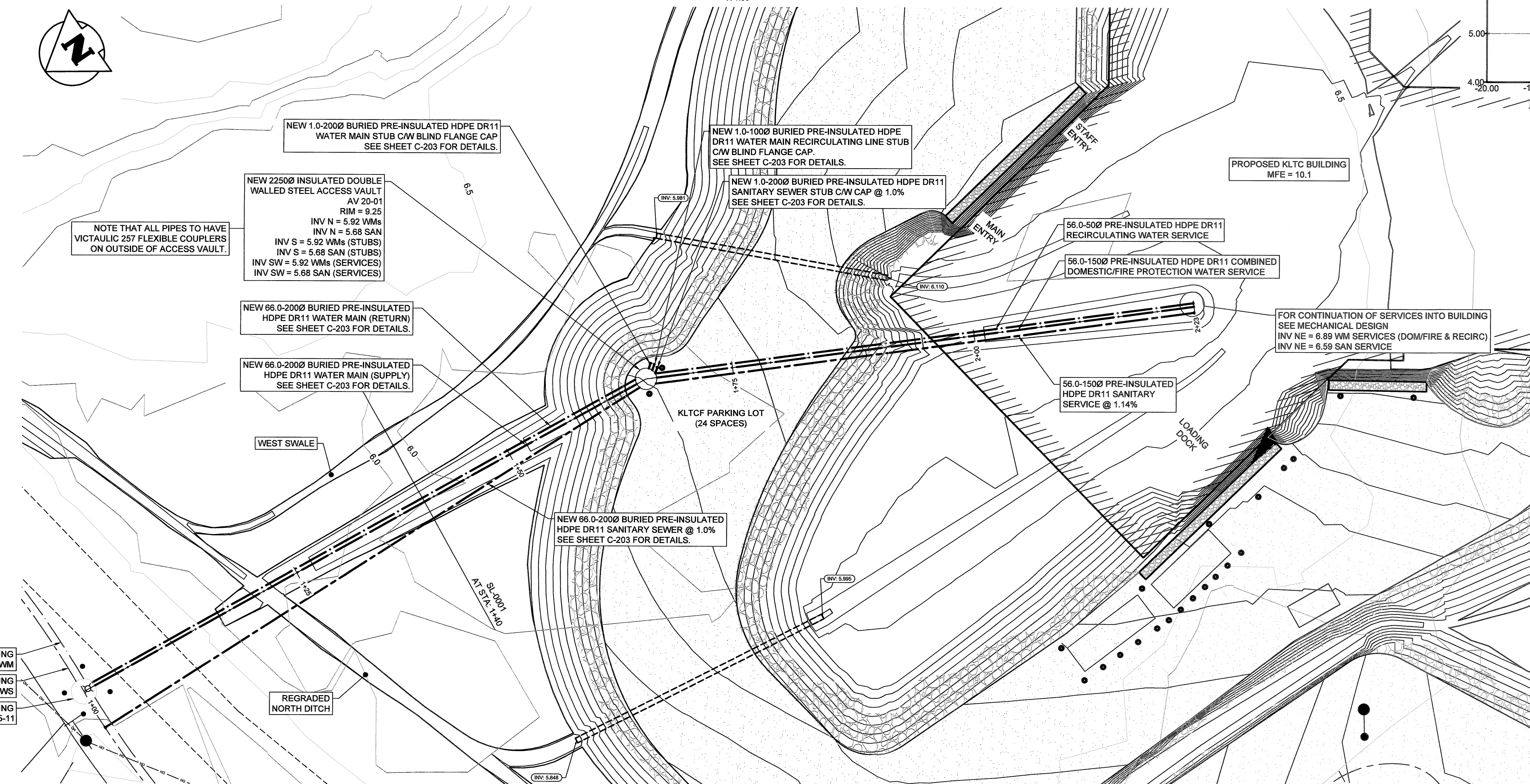


1
C-201

SCALE: H: 1:250
V: 1:50



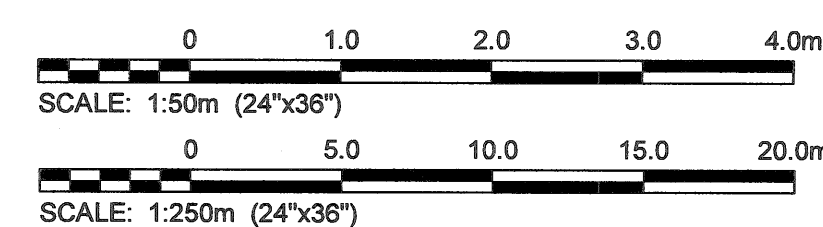
SCALE: H: 1:250
V: 1:50



2
C-201

SCALE: H: 1:250

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



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109-374 River Avenue, Winnipeg MB Canada, R3L 0E1
204-244-2555

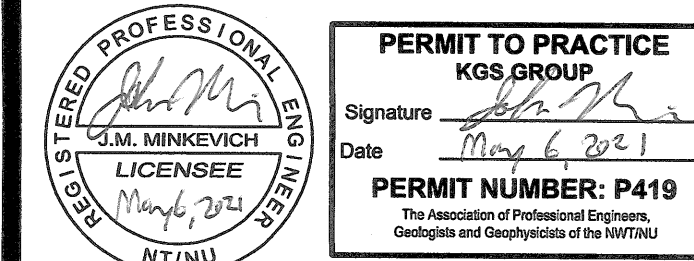
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CONSULTANTS:

KGS
GROUP

NOTES:

PERMIT / STAMP:



REVISION	APPD.	DATE
ISSUED FOR CONSTRUCTION	JMM	21.05.
ISSUED FOR TENDER	JMM	21.03.
DELIVERABLES	APPD.	DATE

CLIENT:
GOVERNMENT OF NUNAVUT (GN)

KIVALLIQ SENIORS' LONG TERM CARE
FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

TITLE:
PROPOSED SANITARY AND WATER
SERVICES - PLAN / PROFILE

SCALE: AS SHOWN
PROJECT NUMBER: 2020.0090
DRAWN BY: IT

C-201

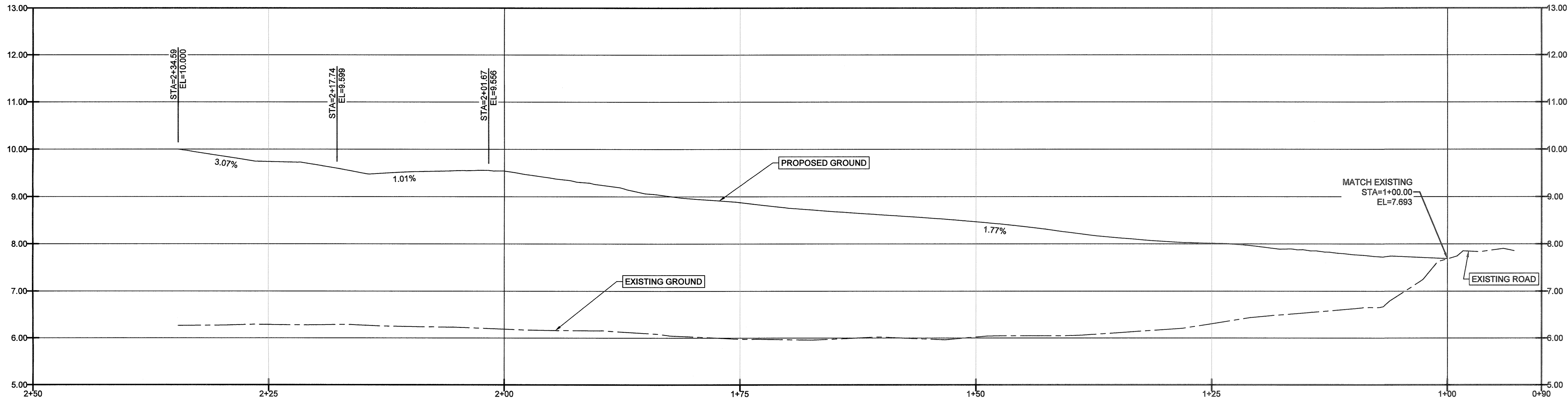
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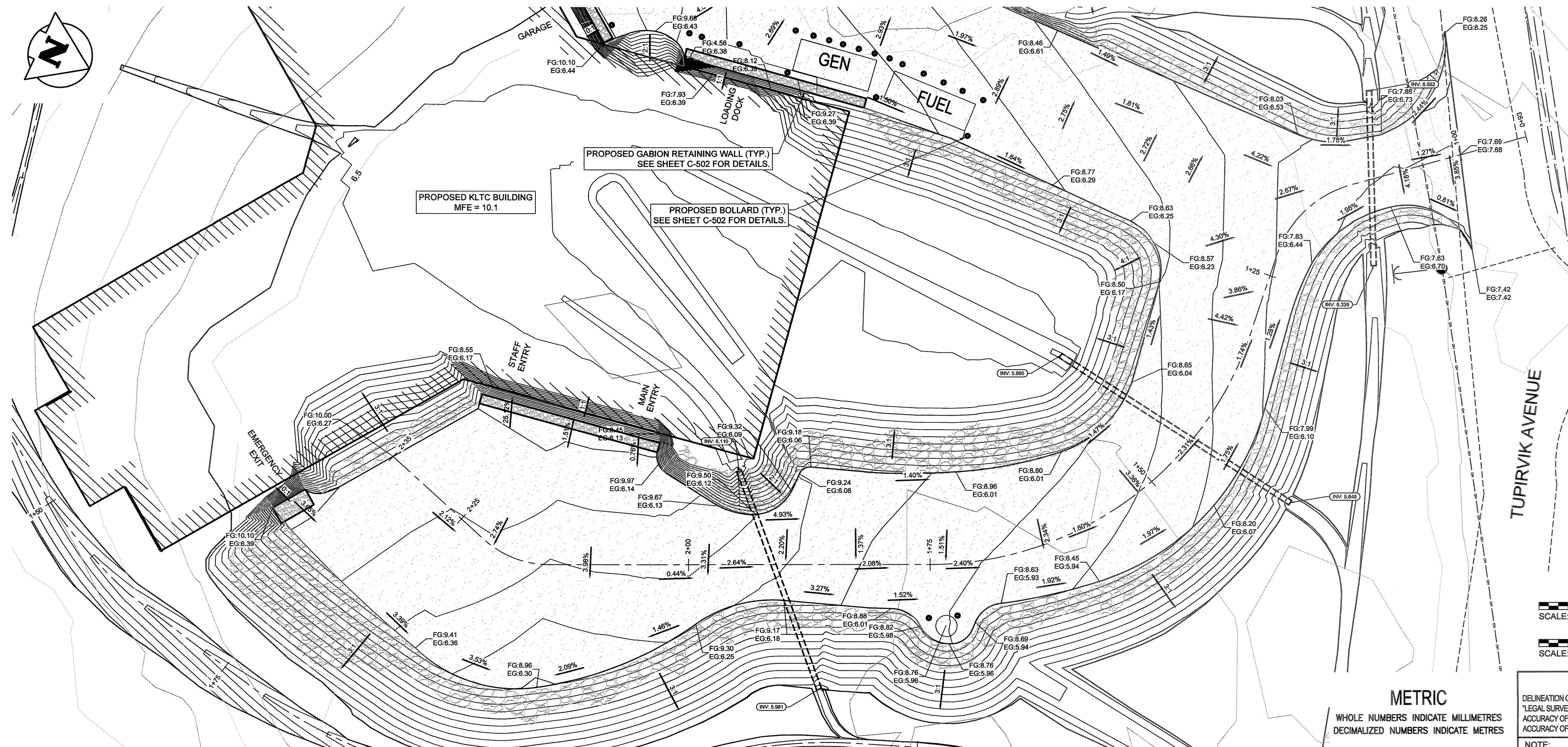
CONSULTANTS:

KGS
GROUP

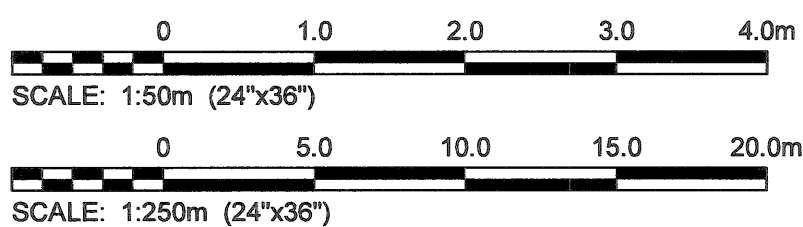
NOTES:



1
C-202
PARKING LOT PROFILE
SCALE: H: 1:250
V: 1:50



EXISTING	LEGEND-PLAN	PROPOSED
300 LPS	LAND DRAINAGE SEWER	300 LPS
250 WWS	WASTE WATER SEWER	250 WWS
150 WWS	WATER MAIN	150 WWS
	HYDRO	
	TELEPHONE	
	HYDRANT	
	VALVE	
	MAINTENANCE HOLE	
	CATCH BASIN	
	POLES	
	GUY WIRE	
	LIGHT STANDARD	
	EDGE OF ROAD	
	CULVERT	
	DITCH	
	SWALE	
	PROPERTY LINE	
	ELEVATION (EXISTING GRADE)	
	ELEVATION (FINISHED GRADE)	FG 0.000



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

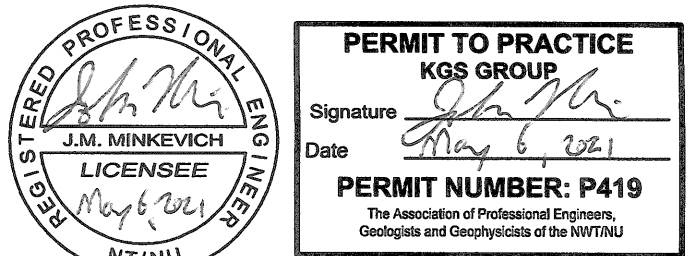
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NOTE:
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2
C-202
PARKING LOT PLAN
SCALE: H: 1:250

PERMIT / STAMP:



REVISION APPD. DATE

ISSUED FOR CONSTRUCTION JMM 21.05.06

ISSUED FOR TENDER JMM 21.03.08

DELIVERABLES APPD. DATE

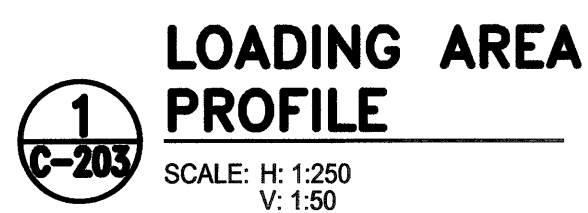
CLIENT:
GOVERNMENT OF NUNAVUT (GN)
































































































KIVALLIQ SENIORS' LONG TERM CARE FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

TITLE:
PROPOSED ONSITE ROAD (EAST)
PLAN / PROFILE

SCALE: AS NOTED
PROJECT NUMBER: 2020.00900
DRAWN BY: IT

C-202


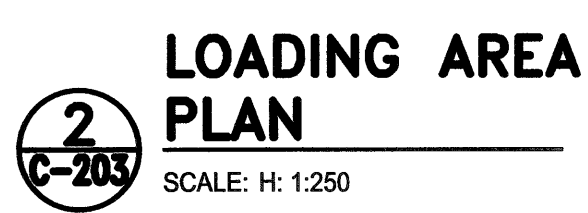


EXISTING	LEGEND-PLAN	PROPOSED
	LAND DRAINAGE SEWER	
	WASTE WATER SEWER	
	WATER MAIN	
	HYDRO	
	TELEPHONE	
	HYDRANT	
	VALVE	
	MAINTENANCE HOLE	
	CATCH BASIN	
	POLES	
	GUY WIRE	
	LIGHT STANDARD	
	EDGE OF ROAD	
	CULVERT	
	DITCH	
	SWALE	
	PROPERTY LINE	
	ELEVATION (EXISTING GRADE)	
	ELEVATION (FINISHED GRADE)	
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		
		


CONSULTANTS:


KGS
GROUP

NOTES:



The image shows a circular professional engineer seal on the left and a permit to practice form on the right. The seal is for J.M. Minkevich, Licensee, with the signature and date May 6, 2021. The permit form is for KGS Group, with the signature and date May 6, 2021. The permit number is P419, and it is for the Association of Professional Engineers, Geologists and Geophysicists of the NWT/NJ.

REGISTERED PROFESSIONAL ENGINEER

J.M. MINKEVICH
LICENSEE
 May 6, 2021
NT/NJ

PERMIT TO PRACTICE
KGS GROUP
 Signature 
 Date May 6, 2021
PERMIT NUMBER: P419
 The Association of Professional Engineers,
 Geologists and Geophysicists of the NWT/NJ

REVISION	APPD.	DATE

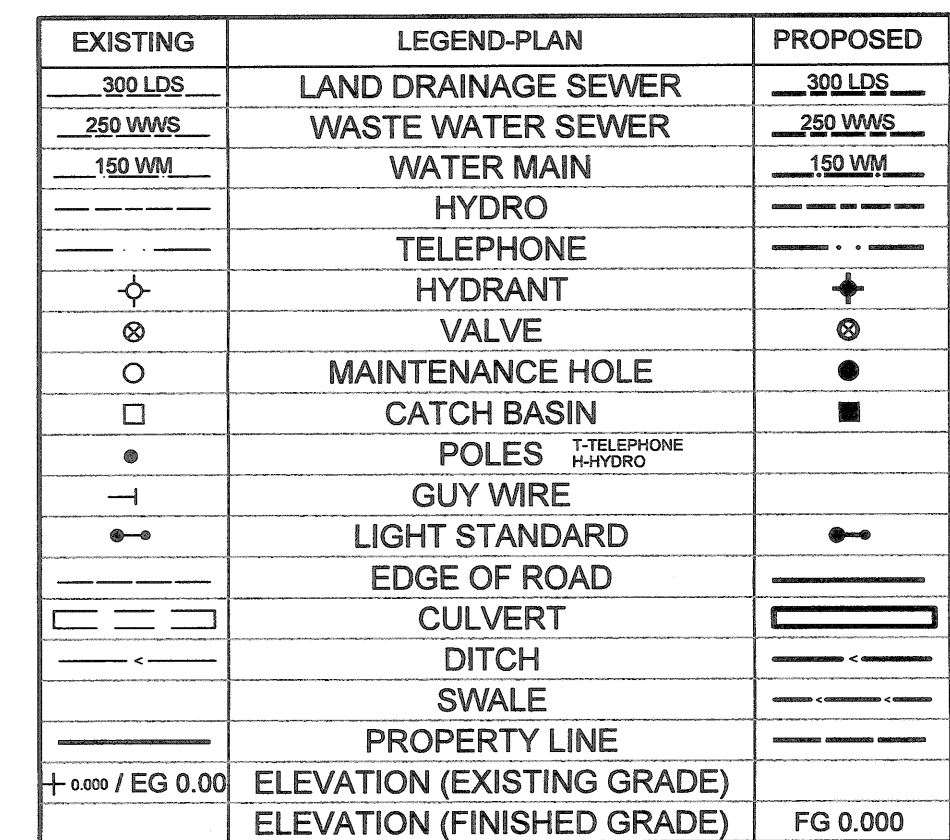
ISSUED FOR CONSTRUCTION	JMM	21.05.0
ISSUED FOR TENDER	JMM	21.03.0
DELIVERABLES	APPD.	DATE

KIVALLIQ SENIORS' LONG TERM CARE
FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

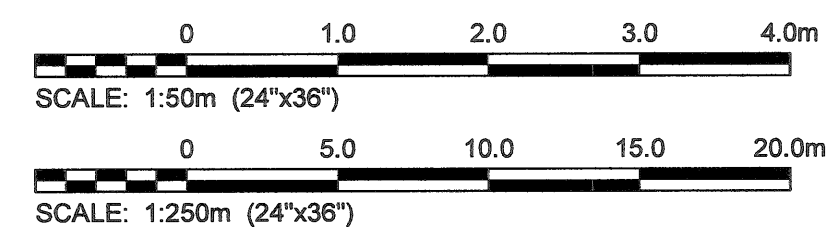
TITLE:
PROPOSED ONSITE ROAD (WEST)
PLAN / PROFILE

SCALE:	AS NOTED
PROJECT NUMBER:	2020.0090
DRAWN BY:	IT

C-203



SCALE: H: 1:250
V: 1:50



SCALE: H: 1:250

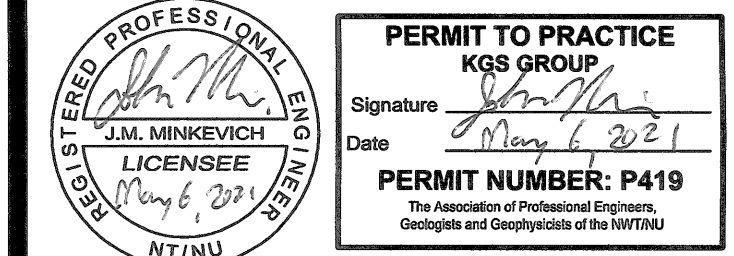
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CONSULTANTS:

KGS
GROUP

NOTES:

PERMIT / STAMP:



REVISION	APPD.	DATE
ISSUED FOR CONSTRUCTION	JMM	21.05.06
ISSUED FOR TENDER	JMM	21.03.08
DELIVERABLES	APPD.	DATE

CLIENT:
GOVERNMENT OF NUNAVUT (GN)

KIVALLIQ SENIORS' LONG TERM CARE
FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

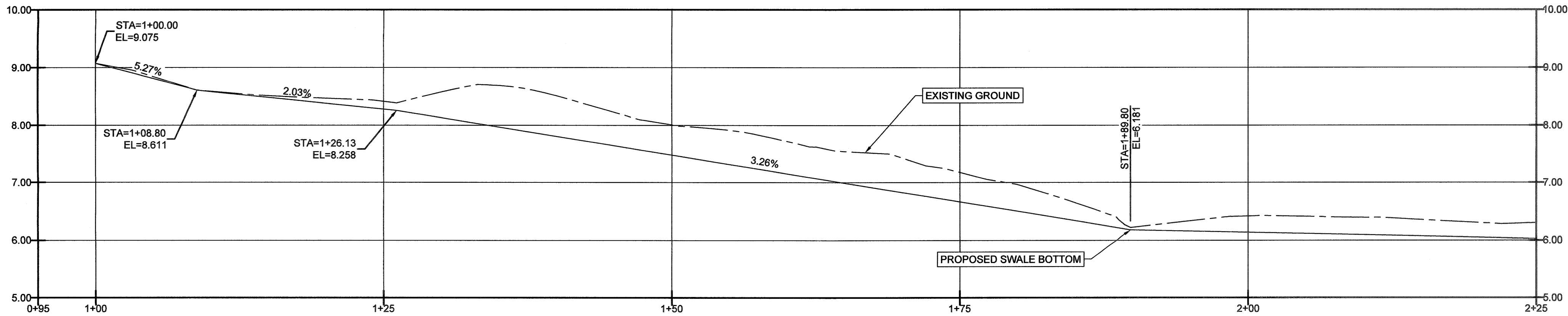
TITLE:
PROP. ONSITE ROAD (ARENA PARKING
LOT MODIFICATIONS), PLAN / PROFILE

SCALE: AS NOTED

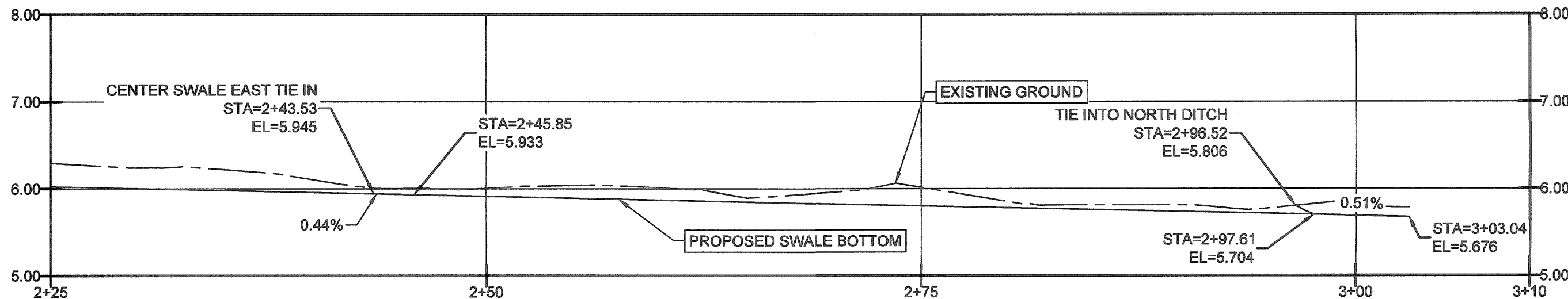
PROJECT NUMBER: 2020.00900

DRAWN BY: IT

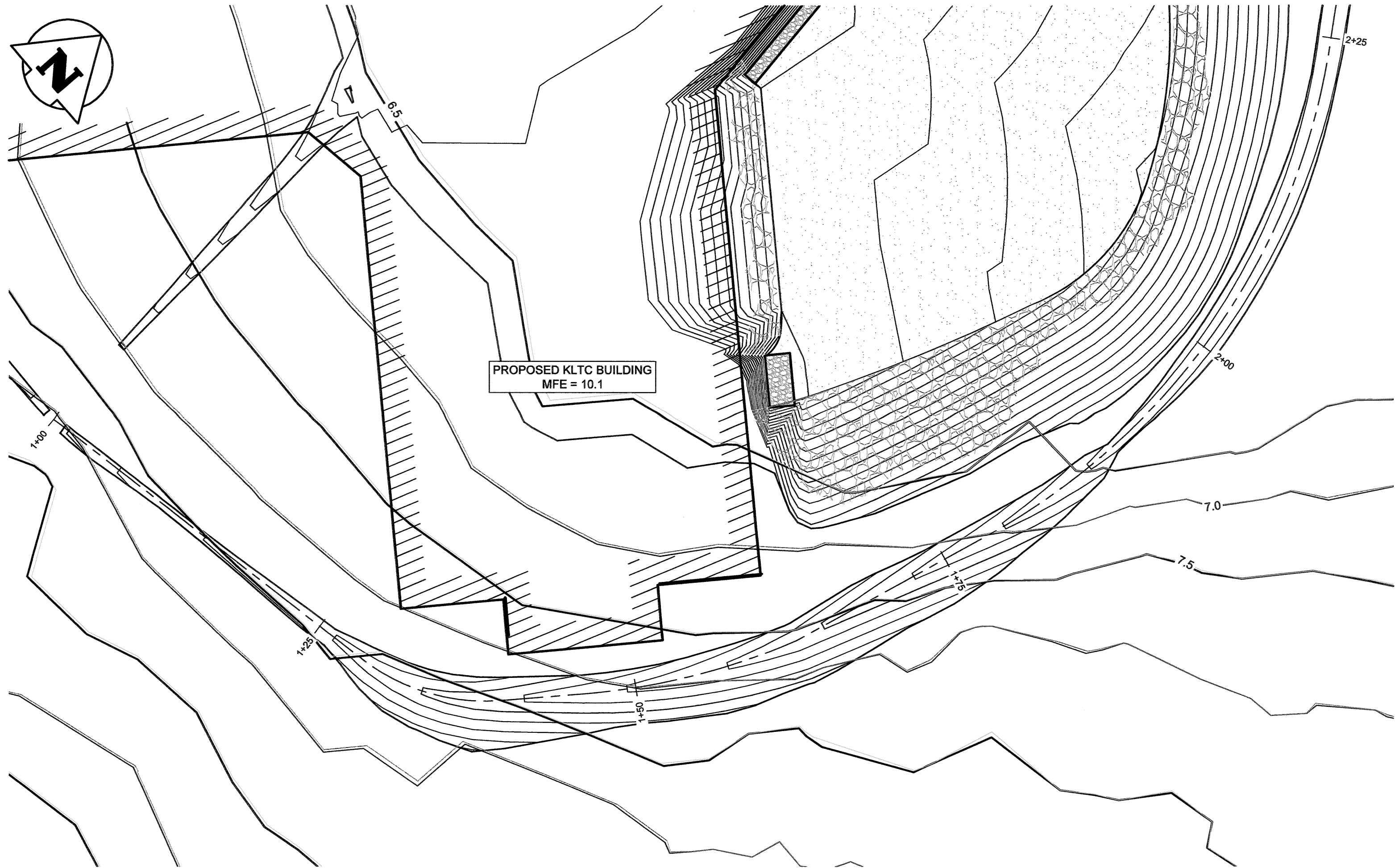
C-204



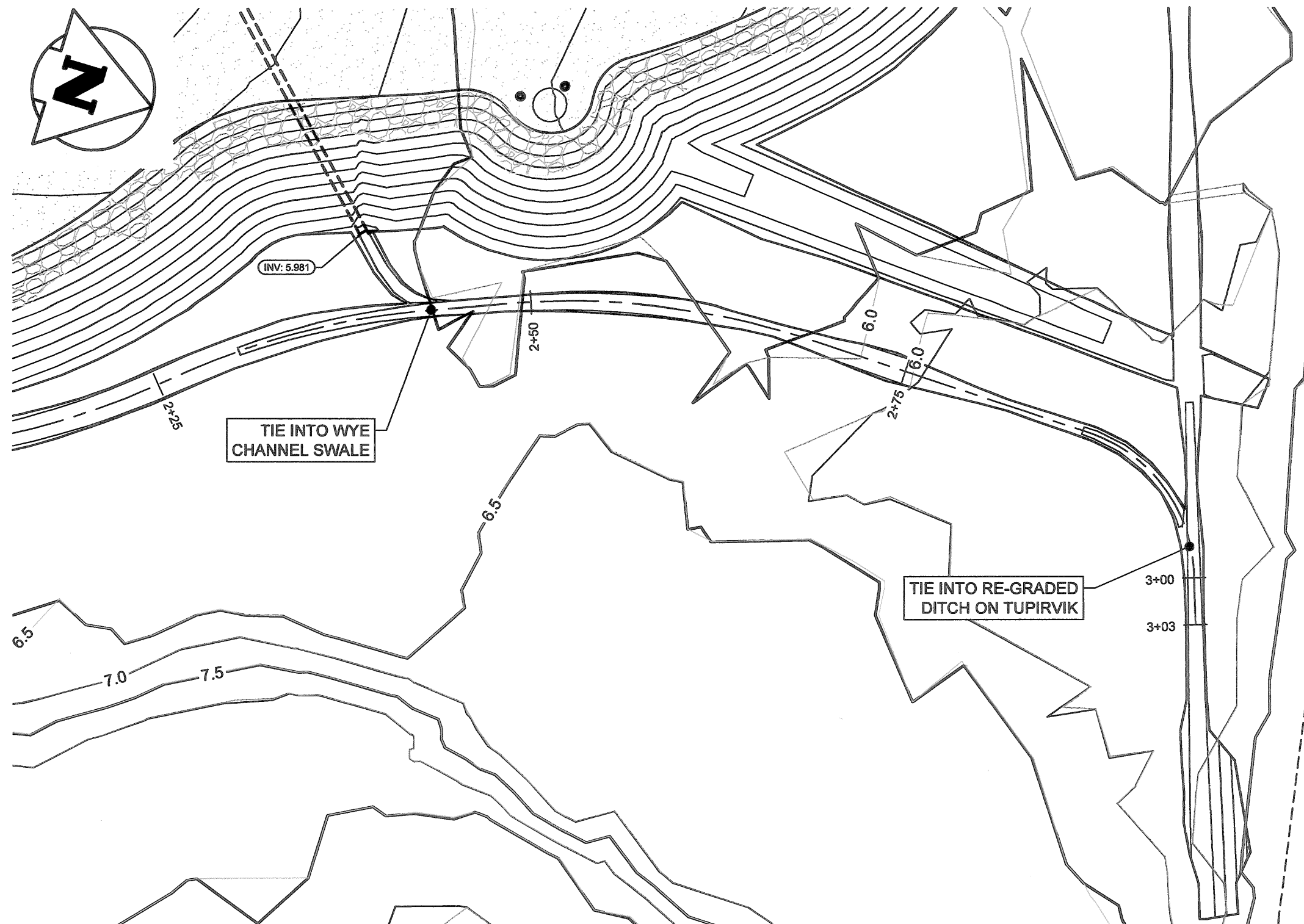
1
C-206
EAST SWALE (UPSTREAM) PROFILE
SCALE: H: 1:250
V: 1:50



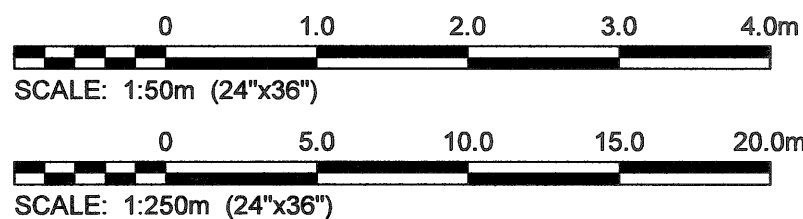
3
C-206
EAST SWALE (DOWNSTREAM) PROFILE
SCALE: H: 1:250
V: 1:50



2
C-206
EAST SWALE (UPSTREAM) PLAN
SCALE: H: 1:250



4
C-206
EAST SWALE (DOWNSTREAM) PLAN
SCALE: H: 1:250



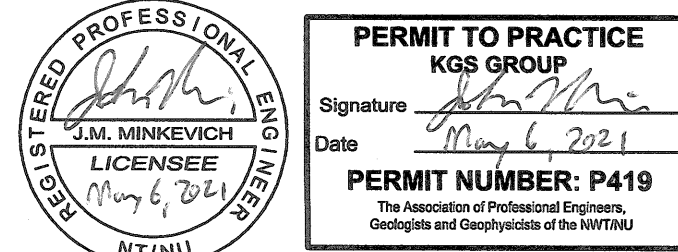
METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

PROPERTY LIMITS DELINEATION
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KGS GROUP

NOTES:

PERMIT / STAMP:



REVISION APPD. DATE

ISSUED FOR CONSTRUCTION JMM 21.05.06
ISSUED FOR TENDER JMM 21.03.08
DELIVERABLES APPD. DATE

CLIENT:
GOVERNMENT OF NUNAVUT (GN)

KIVALLIQ SENIORS' LONG TERM CARE FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

TITLE:
PROPOSED ONSITE SWALE (EAST)
PLAN / PROFILE

SCALE: AS NOTED
PROJECT NUMBER: 2020.00900
DRAWN BY: IT

C-205

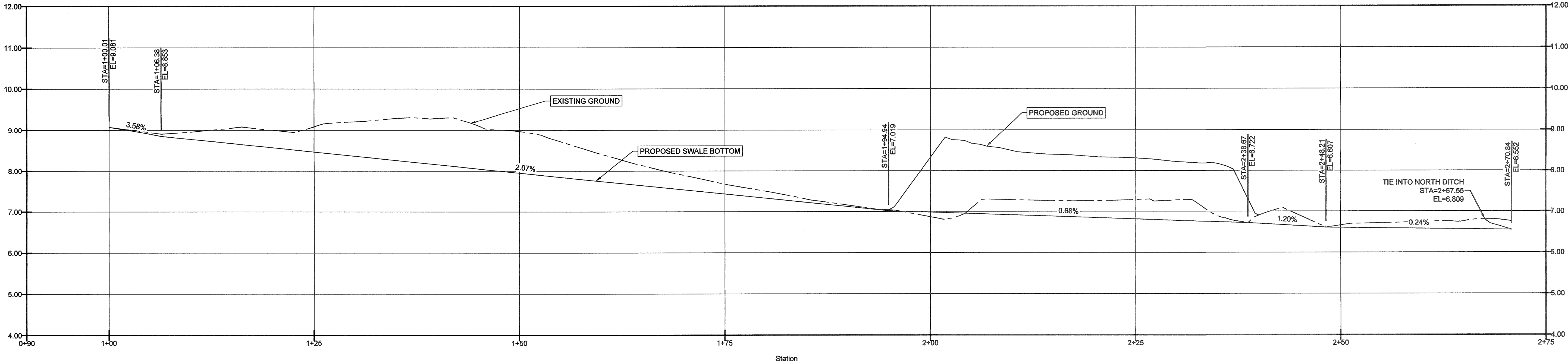
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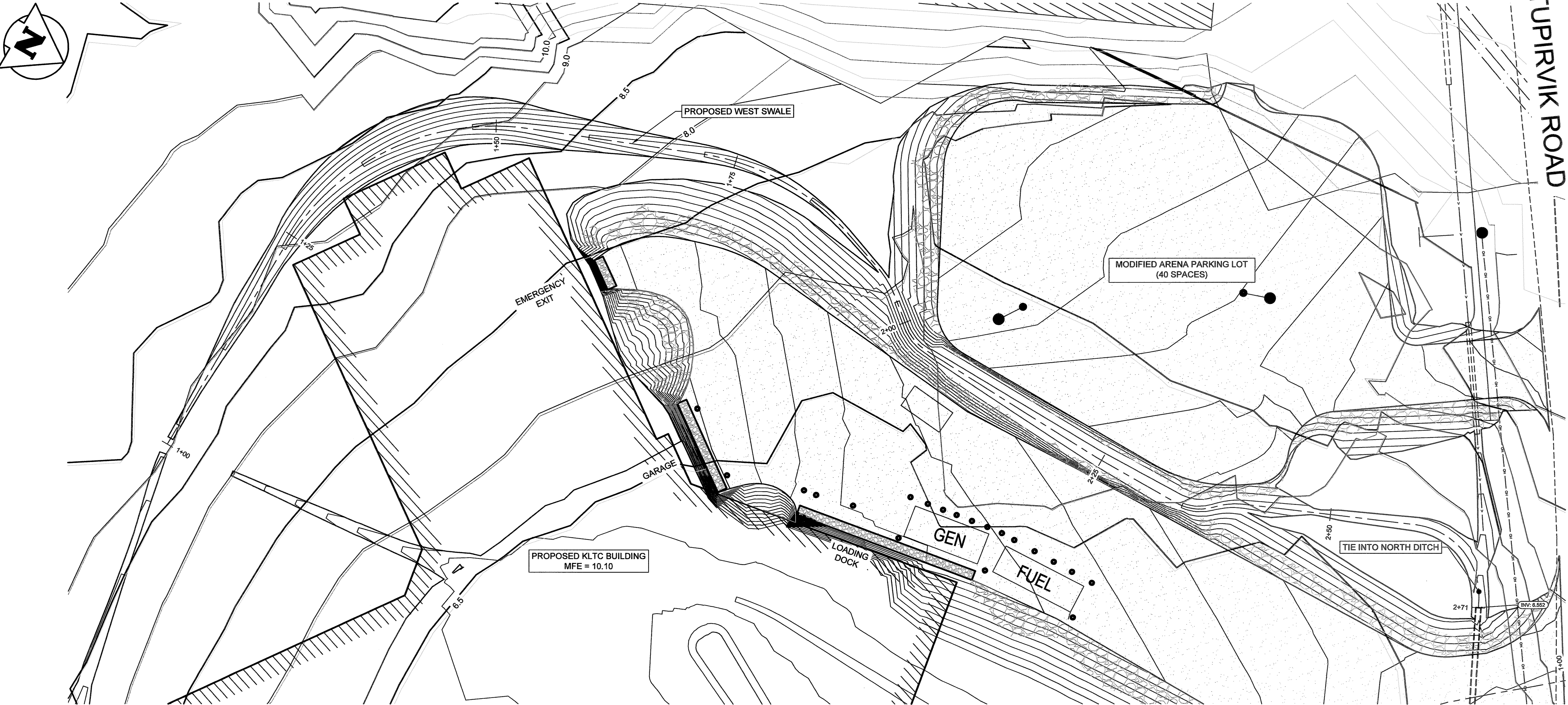
KGS
GROUP

NOTES:

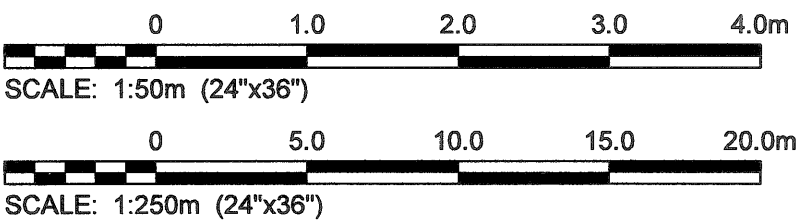


1
C-205
WEST SWALE PROFILE
SCALE: H: 1:250
V: 1:50

EXISTING	LEGEND-PLAN	PROPOSED
300 LPS	LAND DRAINAGE SEWER	300 LPS
250 WWS	WASTE WATER SEWER	250 WWS
150 WWM	WATER MAIN	150 WWM
	HYDRO	
	TELEPHONE	
+	HYDRANT	+
⊗	VALVE	⊗
○	MAINTENANCE HOLE	●
□	CATCH BASIN	■
•	POLES	
—	GUY WIRE	
—	LIGHT STANDARD	—
—	EDGE OF ROAD	—
—	CULVERT	—
—	DITCH	—
—	SWALE	—
—	PROPERTY LINE	—
— / EG 0.00	ELEVATION (EXISTING GRADE)	
—	ELEVATION (FINISHED GRADE)	FG 0.000



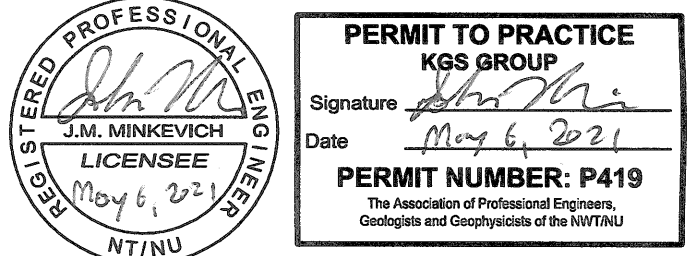
2
C-206
WEST SWALE PLAN
SCALE: H: 1:250
V: 1:50



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

PROPERTY LIMITS DELINEATION
DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.
NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

PERMIT / STAMP:



REVISION	APPD.	DATE
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ISSUED FOR CONSTRUCTION	JMM	21.05.06
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ISSUED FOR TENDER	JMM	21.03.08
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DELIVERABLES	APPD.	DATE
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CLIENT:
GOVERNMENT OF NUNAVUT (GN)

KIVALLIQ SENIORS' LONG TERM CARE FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

TITLE:
PROPOSED ONSITE SWALE (WEST)
PLAN / PROFILE

SCALE: AS NOTED
PROJECT NUMBER: 2020.00900
DRAWN BY: IT

C-206

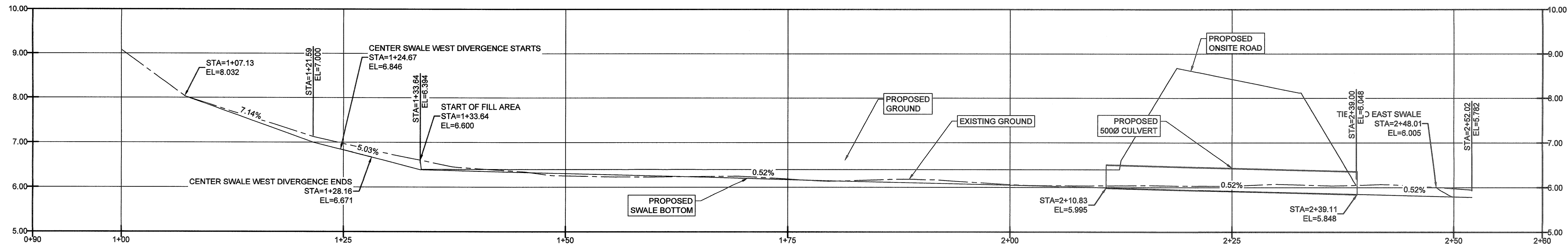
COPYRIGHT:

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CONSULTANTS:

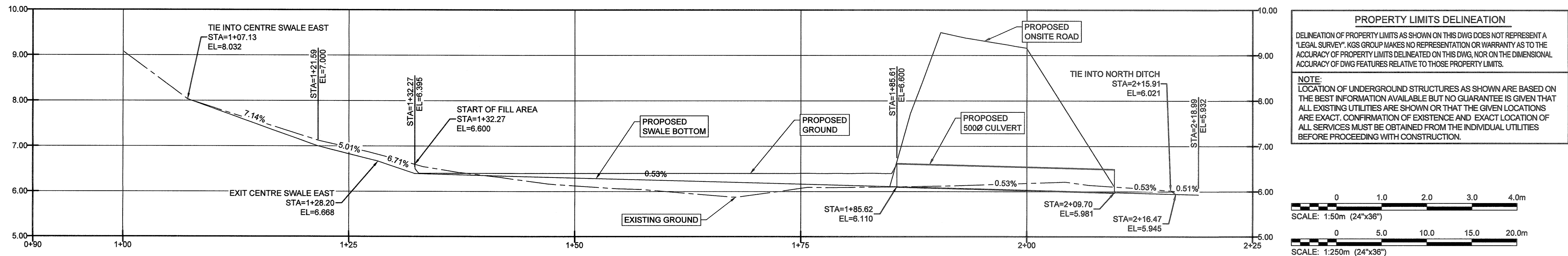
KGS
GROUP

NOTES:



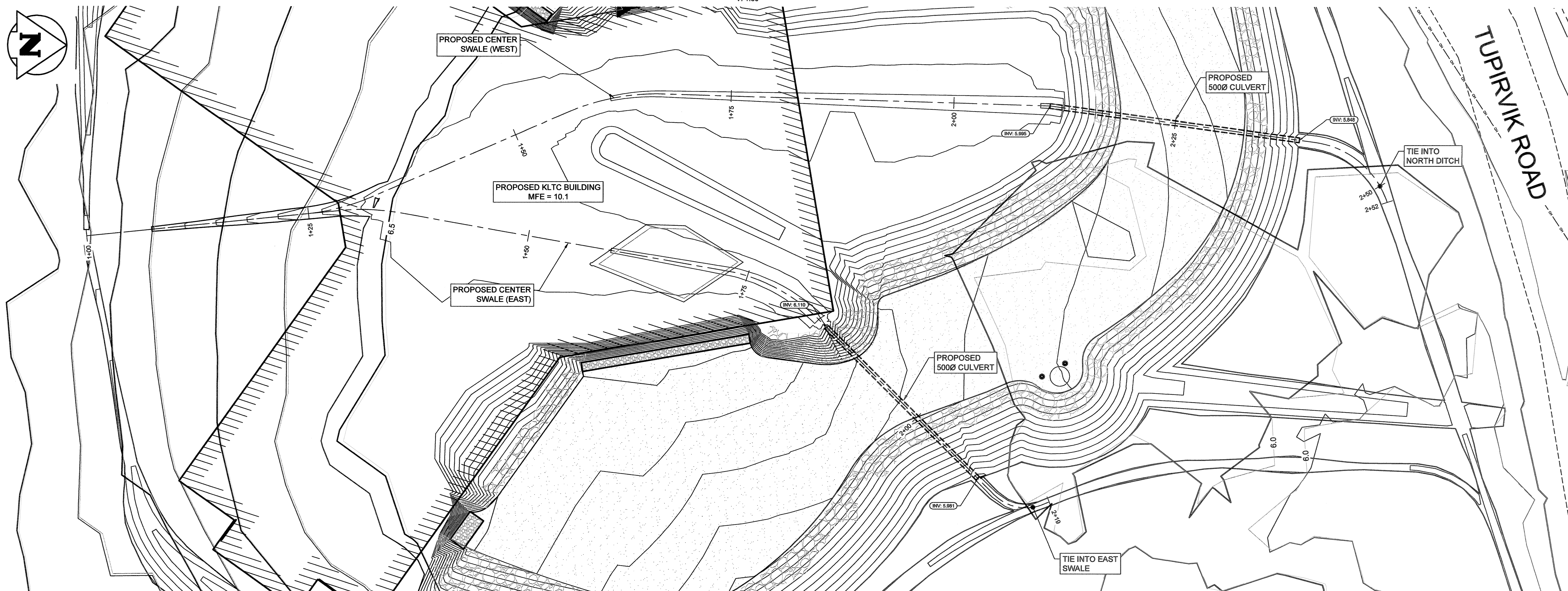
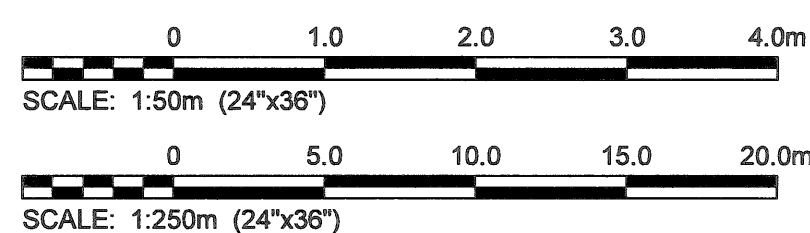
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C-207
CENTER SWALE (WEST)
PROFILE
SCALE: H: 1:250
V: 1:50

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



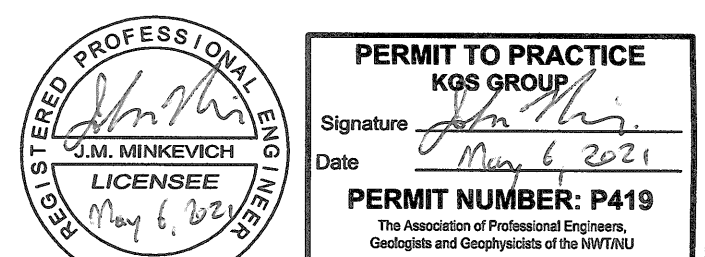
2
C-207
CENTER SWALE (EAST)
PROFILE
SCALE: H: 1:300
V: 1:60

PROPERTY LIMITS DELINEATION
DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.
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3
C-207
CENTER SWALES
PLAN
SCALE: H: 1:250

PERMIT / STAMP:



REVISION	APPD.	DATE
----------	-------	------

ISSUED FOR CONSTRUCTION	JMM	21.05.06
ISSUED FOR TENDER	JMM	21.03.08
DELIVERABLES	APPD.	DATE

CLIENT:
GOVERNMENT OF NUNAVUT (GN)

KIVALLIQ SENIORS' LONG TERM CARE
FACILITY (KLTFC)
LOT 850, PLAN 3636,
RANKIN INLET, NU

TITLE:
PROPOSED ONSITE SWALES (CENTER)
PLAN / PROFILE
SCALE:
PROJECT NUMBER:
DRAWN BY:

AS NOTED
2020.00900
IT

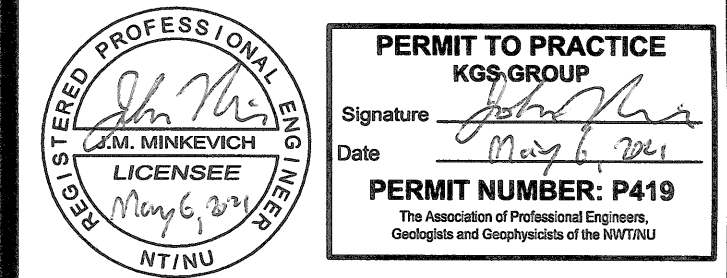
C-207

CONSULTANTS:

KGS
GROUP

NOTES:

PERMIT / STAMP:



REVISION	APPD.	DATE
ISSUED FOR CONSTRUCTION	JMM	21.05.06
ISSUED FOR TENDER	JMM	21.03.08
DELIVERABLES	APPD.	DATE

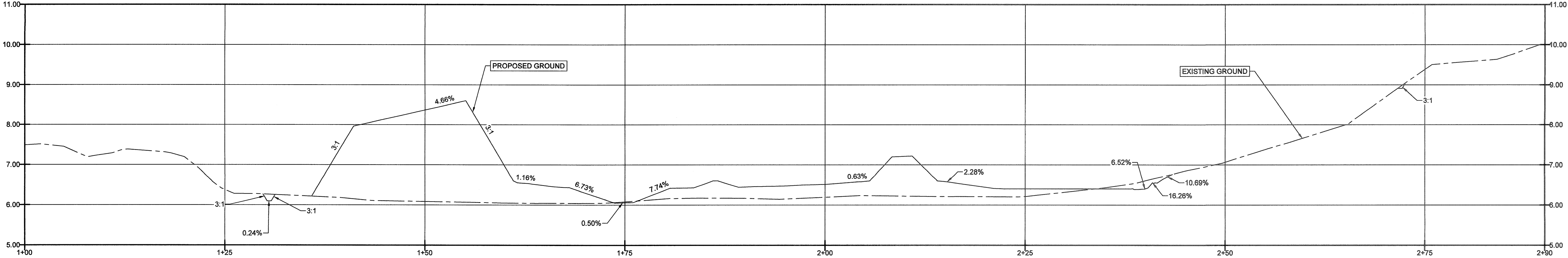
CLIENT:
GOVERNMENT OF NUNAVUT (GN)

KIVALLIQ SENIORS' LONG TERM CARE
FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

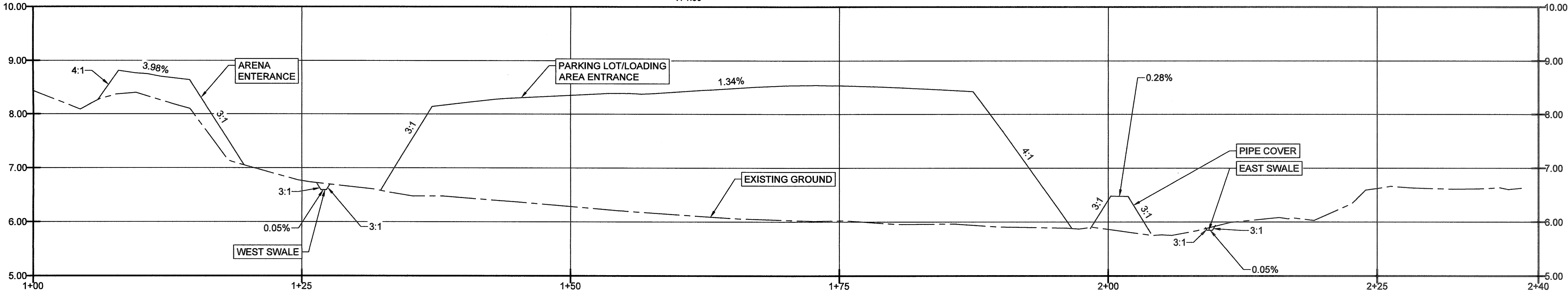
TITLE:
SITE SECTIONS & DITCH RE-GRADING

SCALE: 1:500
PROJECT NUMBER: 2020.00900
DRAWN BY: IT

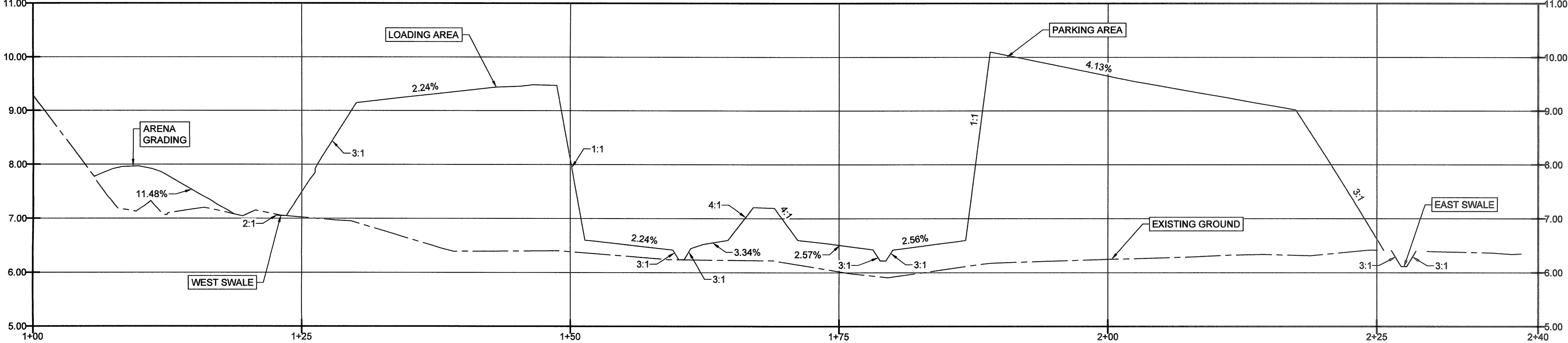
C-208



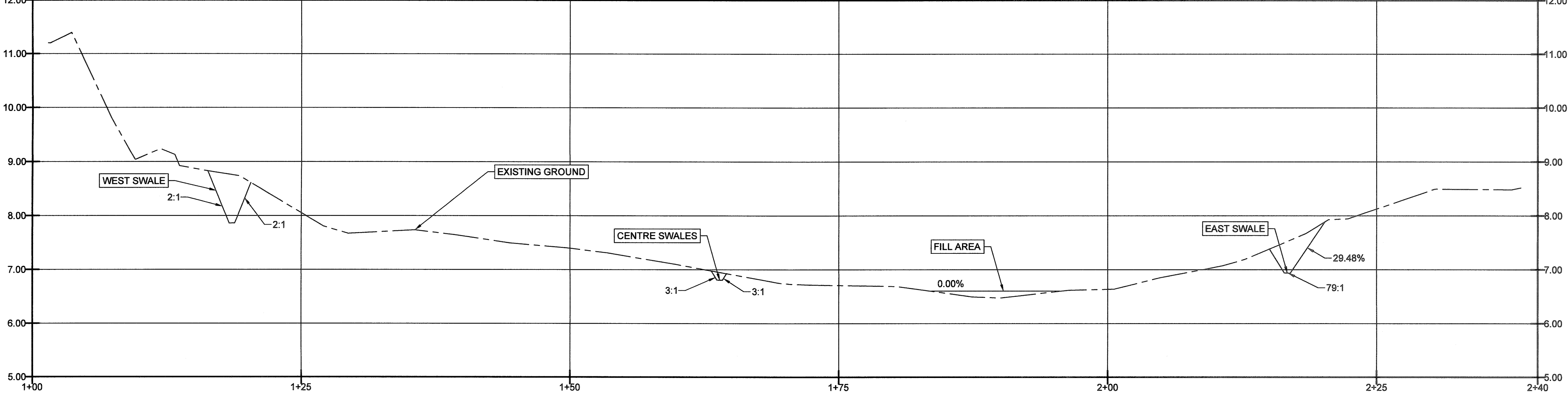
1 SITE SECTION N-S
SCALE: H: 1:250
V: 1:50



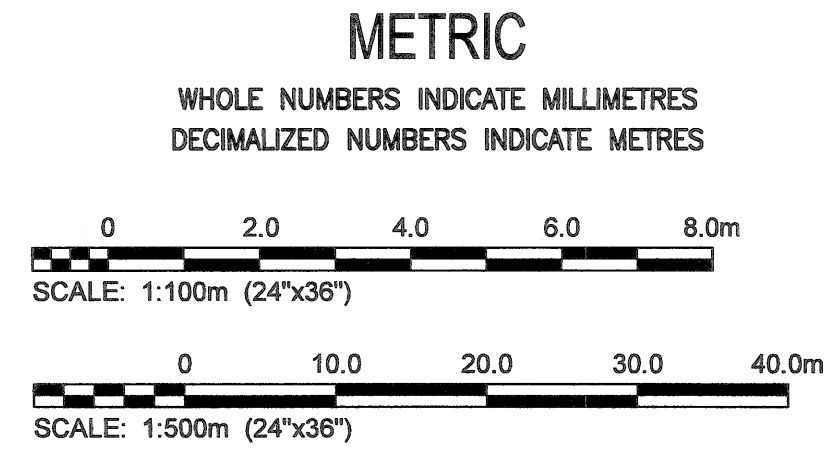
2 SITE SECTION W-E (NORTH)
SCALE: H: 1:250
V: 1:50



3 SITE SECTION W-E (CENTRE)
SCALE: H: 1:250
V: 1:50



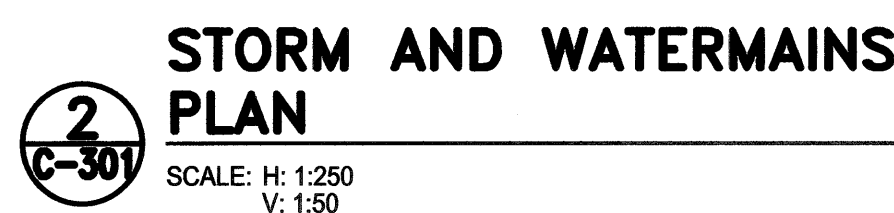
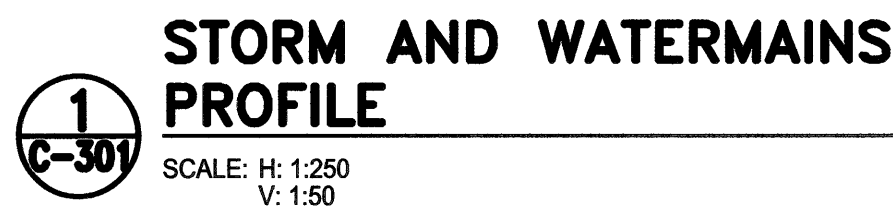
4 SITE SECTION W-E (SOUTH)
SCALE: H: 1:250
V: 1:50



PROPERTY LIMITS DELINEATION

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NOTE:
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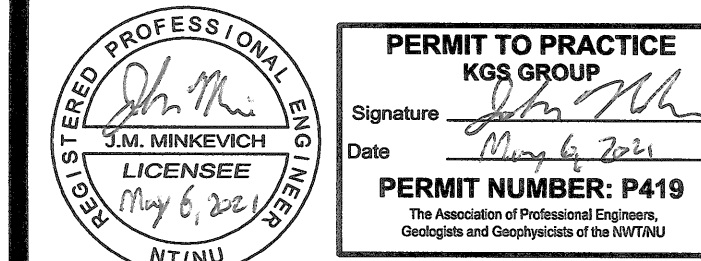
EXISTING	LEGEND-PLAN	PROPOSED
300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWSW	WASTE WATER SEWER	250 WWSW
150 WWM	WATER MAIN	150 WWM
	HYDRO	
	TELEPHONE	
⊕	HYDRANT	⊕
⊗	VALVE	⊗
○	MAINTENANCE HOLE	●
□	CATCH BASIN	■
◻	POLES T-TELEPHONE H-HYDRO	
—+—	GUY WIRE	
	LIGHT STANDARD	—●—
	EDGE OF ROAD	=====
—+—+—	CULVERT	—+—+—
—+—+—	DITCH	—+—+—
	SWALE	=====
	PROPERTY LINE	=====
+ 0.000 / EG 0.00	ELEVATION (EXISTING GRADE)	
	ELEVATION (FINISHED GRADE)	
		FG 0.000

CONSULTANTS

KGS
GROUP

NOTES

PERMIT / STAMP:



REVISION	APPRO	DATE

REVISION	APPD.	DATE
ISSUED FOR CONSTRUCTION	JMM	21.05.
ISSUED FOR TENDER	JMM	21.03.
DELIVERABLES	APPD.	DATE

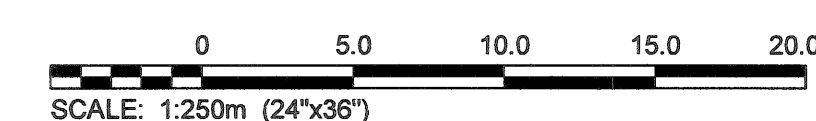
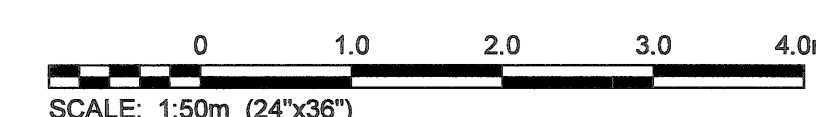
CLIENT:
GOVERNMENT OF NUNAVUT (GN)

KIVALLIQ SENIORS' LONG TERM CARE
FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

TITLE:
PROPOSED SANITARY SEWERMAIN
AND WATERMAINS, PLAN / PROFILE

SCALE: 1:250
PROJECT NUMBER: 2020.00900
DRAWN BY: IT

C-301



PROPERTY LIMITS DELINEATION

DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

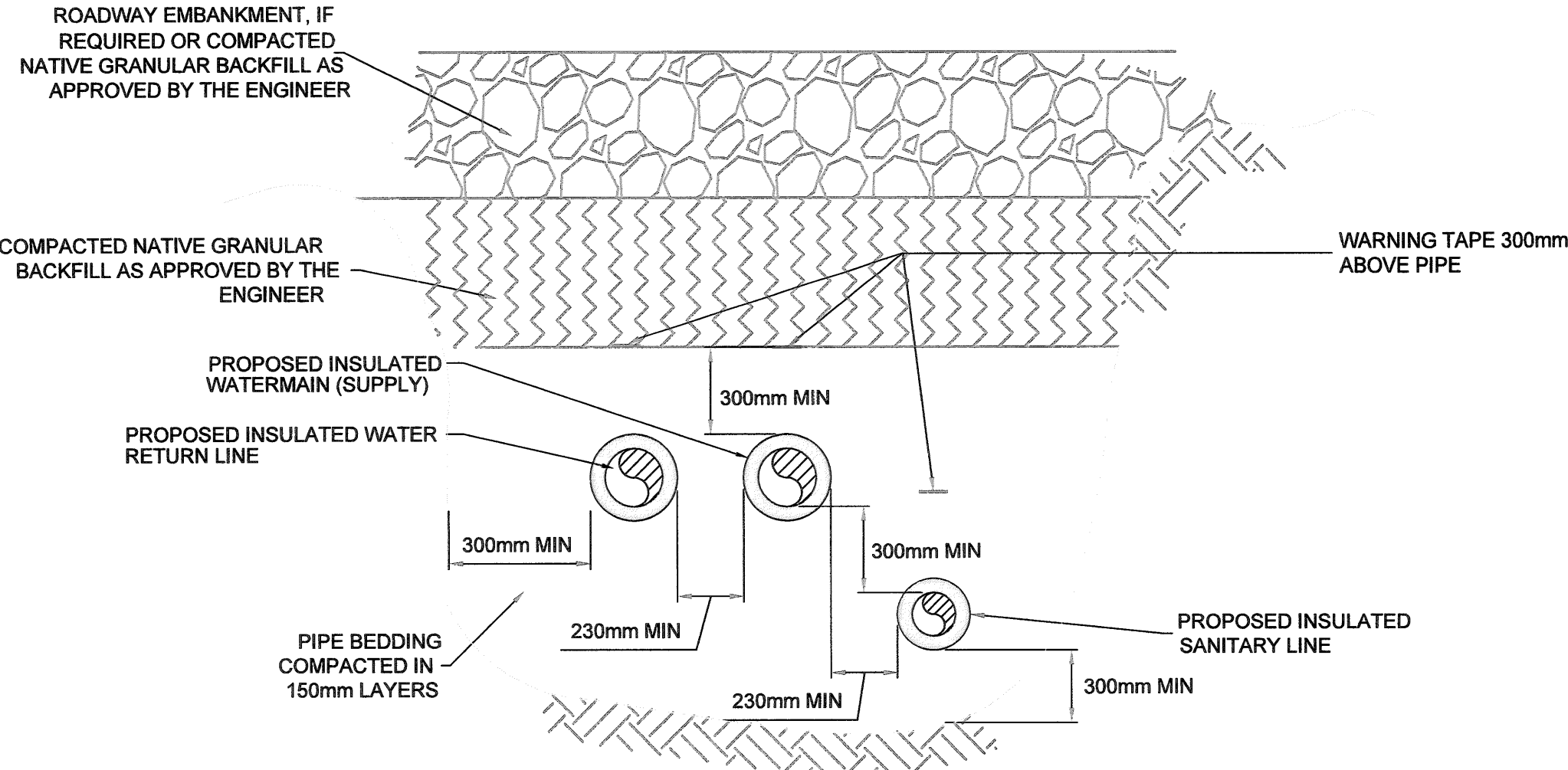
NOTE:
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The general contractor and/or project manager shall verify dimensions and data noted herein with conditions on the site and is held responsible for reporting any discrepancy to the architect for adjustment, to not make the drawings.

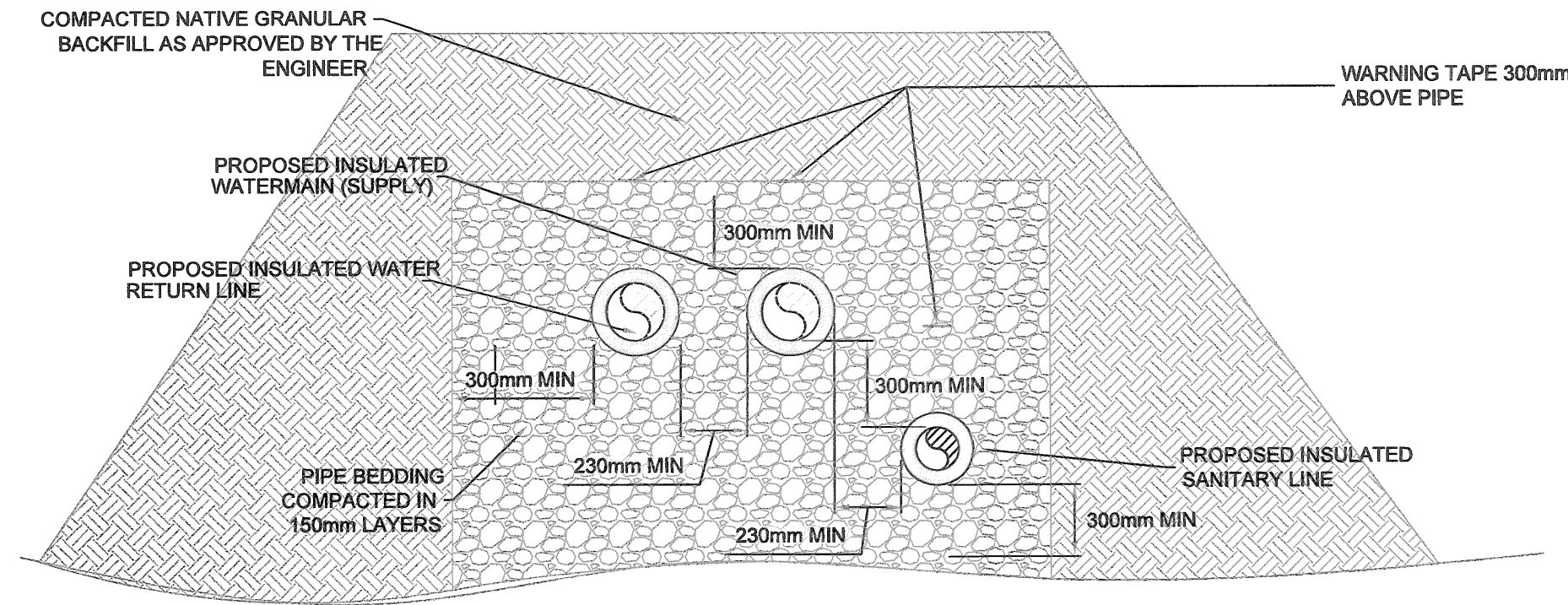
CONSULTANTS:

KGS
GROUP

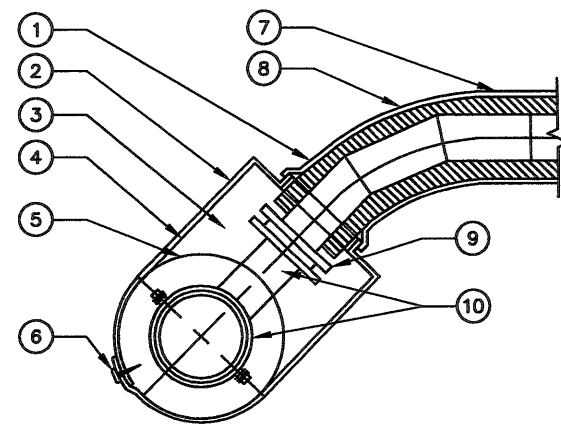
NOTES:



1
C-501
TYPICAL SERVICE TRENCH DETAIL
SCALE: NTS



2
C-501
TYPICAL SERVICE SECTION ABOVE GROUND
SCALE: NTS

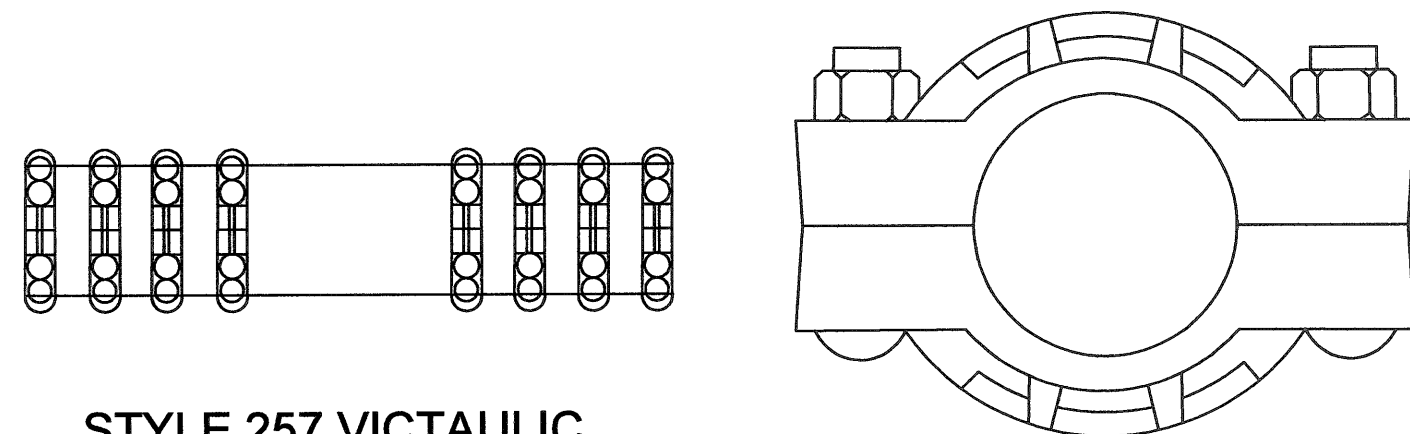


- NOTES:**
- ALL EXPOSED SURFACES OF POLYURETHANE TO BE FIELD COATED WITH MASTIC.
 - METAL SURFACES IN CONTACT WITH FIELD POURED POLYURETHANE INSULATION SHALL BE COATED WITH OIL SEPARATING AGENT.

SECTION VIEW

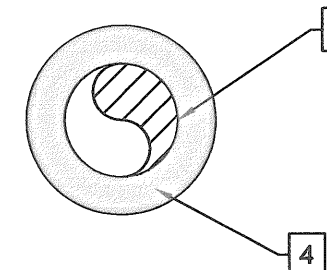
KEY TO NUMBERED PARTS

- HEAT SHRINK SLEEVE, MIN. 100mm LAP ON BLACK JACKET.
- INSULATION FORM, SIZED TO FIT WATERMAIN O.D. AND SERVICE LATERAL O.D., 25mm LAP REQUIRED ON EACH SIDE.
- FIELD POURED POLYURETHANE INSULATION FOAM (207 kPa COMPRESSIVE STRENGTH).
- HOLES FOR FOAM INJECTION - TO BE MASTIC COATED AFTER FOAM INJECTION.
- SANITARY SEWER - DR11 HDPE PIPE c/w 63.5mm APPLIED POLYURETHANE INSULATION FRP JACKET.
- GALV. SHEET METAL SCREWS.
- DR11 HDPE PIPE c/w 63.5mm FACTORY APPLIED POLYURETHANE INSULATION, FRP JACKET AND MASTIC COATED ENDS.
- FACTORY FABRICATED DR11 HDPE 45° BEND c/w 63.5mm FACTORY APPLIED POLYURETHANE INSULATION, FRP JACKET AND MASTIC COATED ENDS.
- FLANGE STUB END, c/w BACKUP RING, BUTT FUSED TO END OF SERVICE LATERAL.
- ROBAR No. 6626 OUTLET SLEEVE SADDLE - SIZED TOP FIT MAIN AND SERVICE LATERAL.



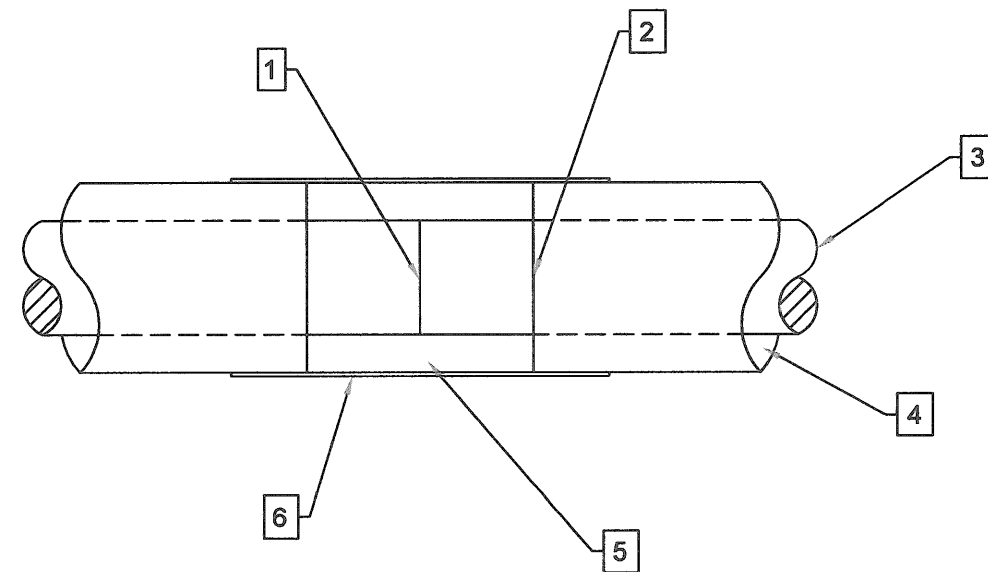
STYLE 257 VICTAULIC FLEXIBLE COUPLING

5
C-501
FLEXIBLE JOINT DETAIL
SCALE: NTS

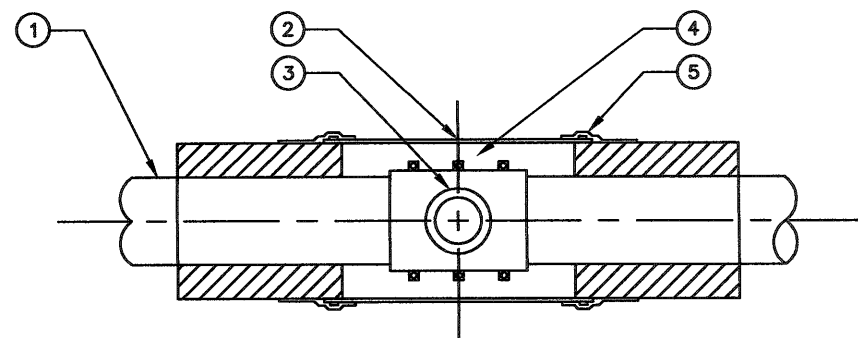


KEY TO NUMBERED PARTS

- FIELD BUTT FUSION JOINT MADE BY A QUALIFIED AND LICENSED TECHNICIAN
- FIELD COAT ALL EXPOSED POLYURETHANE WITH MASTIC
- HDPE SERIES SERVICE - SEE SPECIFICATIONS FOR MORE DETAIL
- SHOP CAST POLYURETHANE INSULATION c/w BLACK JACKET - SEE SPECIFICATIONS FOR MORE DETAILS
- POLYURETHANE HALF SHELLS CUT TO FIT AND COATED WITH MASTIC
- MASTIC LINED HEAT SHRINK TAPE - 100mm OVERLAP ON SHELLS AND PIPE JACKET



6
C-501
FOR HDPE SERVICES JOINT DETAIL
SCALE: NTS



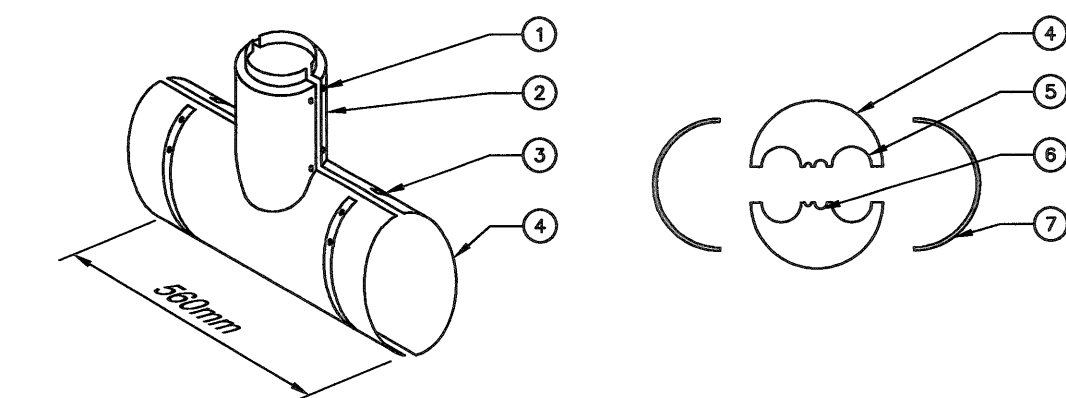
- NOTES:**
- ALL EXPOSED SURFACES OF POLYURETHANE TO BE FIELD COATED WITH MASTIC.
 - METAL SURFACES IN CONTACT WITH FIELD POURED POLYURETHANE INSULATION SHALL BE COATED WITH OIL SEPARATING AGENT.

PLAN VIEW

SANITARY CONNECTION AT MAIN SECTION AND PLAN

3
C-501

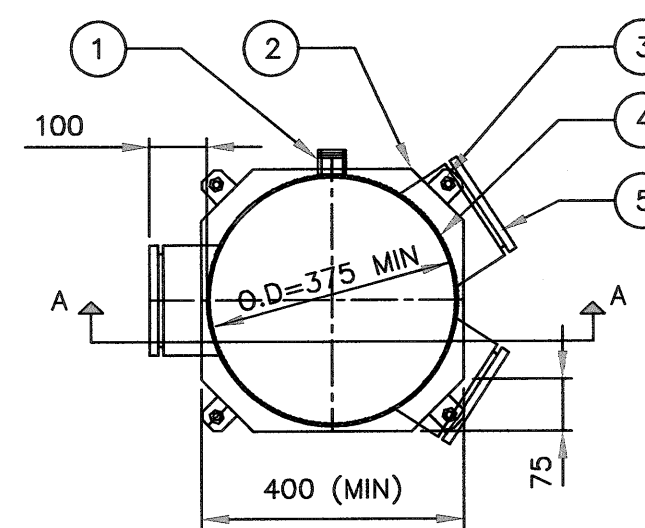
SCALE: NTS



KEY TO NUMBERED PARTS

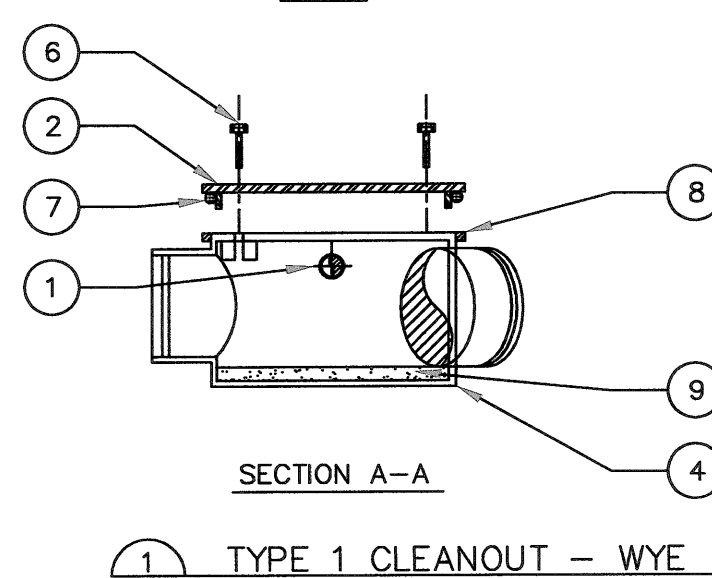
- HOLES TO BE DRILLED IN FIELD TO SUIT, FOR GALVANIZED SHEET METAL SCREWS.
- DIA. TO SUIT MAIN O.D. AND REQUIRED 25mm LAP ON EACH SIDE.
- STAINLESS STEEL GEAR CLAMPS.
- 20mm PLYWOOD TO FIR PIPE O.D.
- HOLES TO FIT HDPE SUPPLY AND RETURN LINES.
- HOLE FOR THERMOSTAT BULB AND HEAT TRACE CABLE.
- 22 GAUGE SHEET METAL, GALVANIZED.

4
C-501
STEEL INSULATION FORM
SCALE: NTS



NOTE:
1. O.D. TO BE SIZED BY CONTRACTOR

PLAN

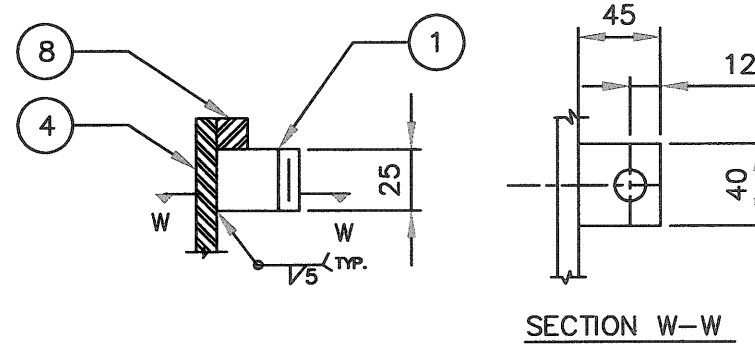


SECTION A-A

1 TYPE 1 CLEANOUT - WYE

KEY TO NUMBERED PARTS:

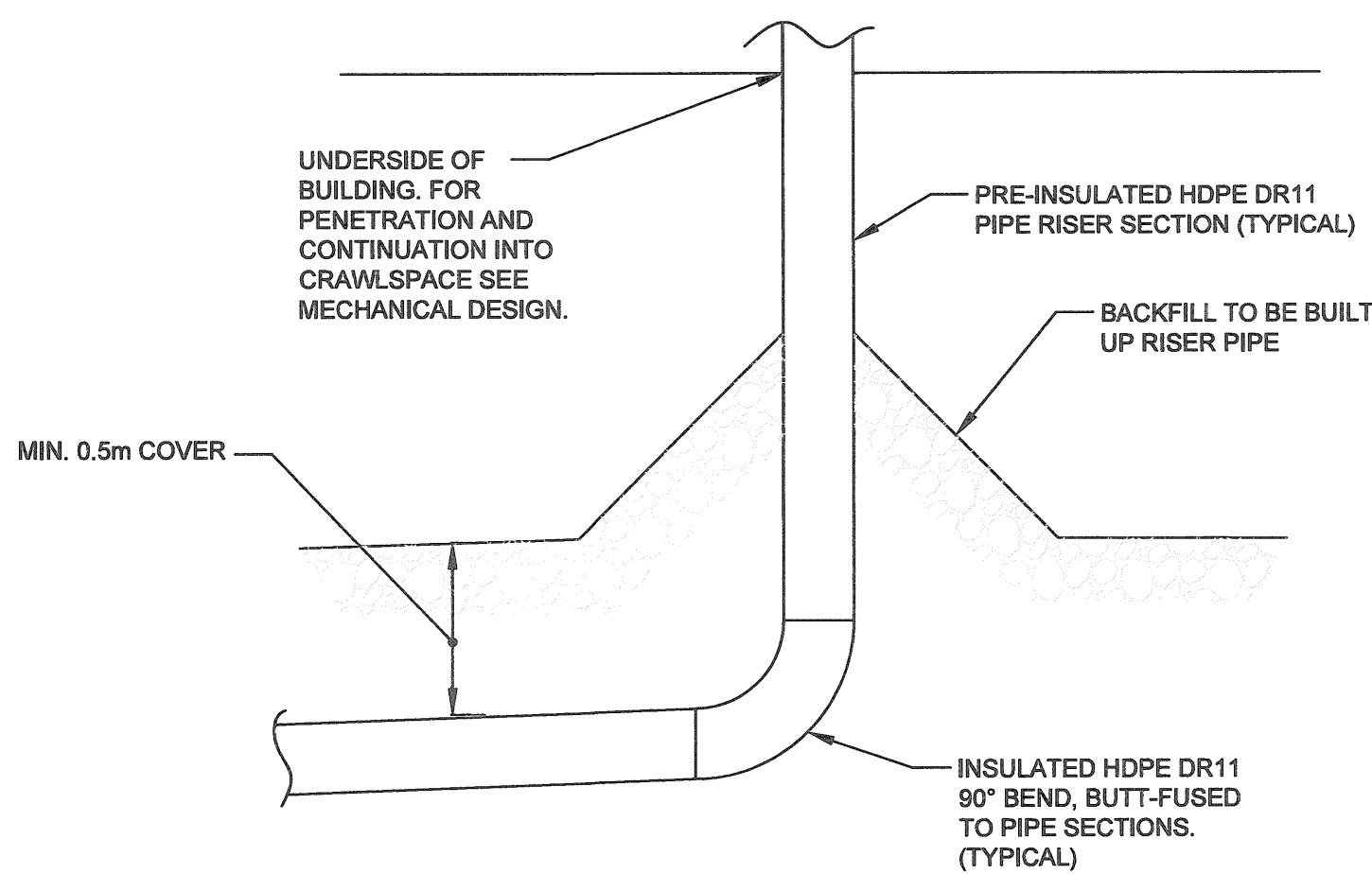
- 25 N.P.T. HALF COUPLING AND PLUG
- FABRICATED CLEANOUT COVER FROM 6 TH PLATE CONTINUOUS BUTT WELDED AND HOT DIPPED GALV. AFTER FABRICATION
- BOLT LUGS TAPPED 12 NC
- FABRICATED CLEANOUT BODY FROM 6 TH PLATE CONTINUOUS BUTT WELD AND HOT DIPPED GALV. AFTER FABRICATION
- SCHEDULE 40 STEEL - NIPPLE VICTAULIC GROOVED (SIZE TO MATCH PIPE SIZE)
- 12 NC X 73 LONG CAD PLATED HEX HEAD SCREW AND WASHER
- 20k ONE PIECE SOFT RUBBER GASKET O RING STRETCH TO FIT COVER
- 12 SQ. ROD RIM
- CEMENT MORTAR BENCHING SUPPLIED AND INSTALLED BY INSTALLING CONTRACTOR



SECTION W-W

2 BOLT & LUG DETAIL

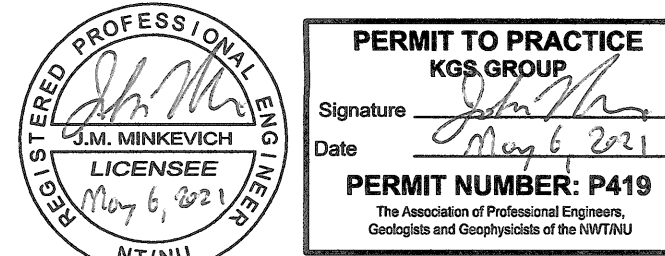
7
C-501
SANITARY - TYPE 1 CLEANOUT, DETAIL
SCALE: NTS



8
C-501
SERVICE CONNECTION DETAIL
SCALE: NTS

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

PERMIT / STAMP:



REVISION	APPD.	DATE

ISSUED FOR CONSTRUCTION	JMM	21.05.06
ISSUED FOR TENDER	JMM	21.03.08
DELIVERABLES	APPD.	DATE

CLIENT:
GOVERNMENT OF NUNAVUT (GN)

KIVALLIQ SENIORS' LONG TERM CARE FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

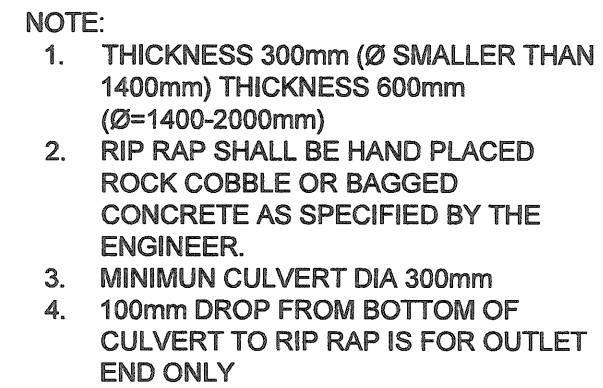
TITLE:
MISC CIVIL DETAILS 1

SCALE:
PROJECT NUMBER:
DRAWN BY:


1:400
2020.00900
IT

C-501

KGS
GROUP



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



PERMIT TO PRACTICE
KGS GROUP

Signature *J.M. Minkevich*

Date May 6, 2021

PERMIT NUMBER: P419

The Association of Professional Engineers
Geologists and Geophysicists of the N.Y./N.J.

REVISION	APPD.	DATE

ISSUED FOR CONSTRUCTION	JMM	21.05.06
ISSUED FOR TENDER	JMM	21.03.08
DELIVERABLES	APPD.	DATE

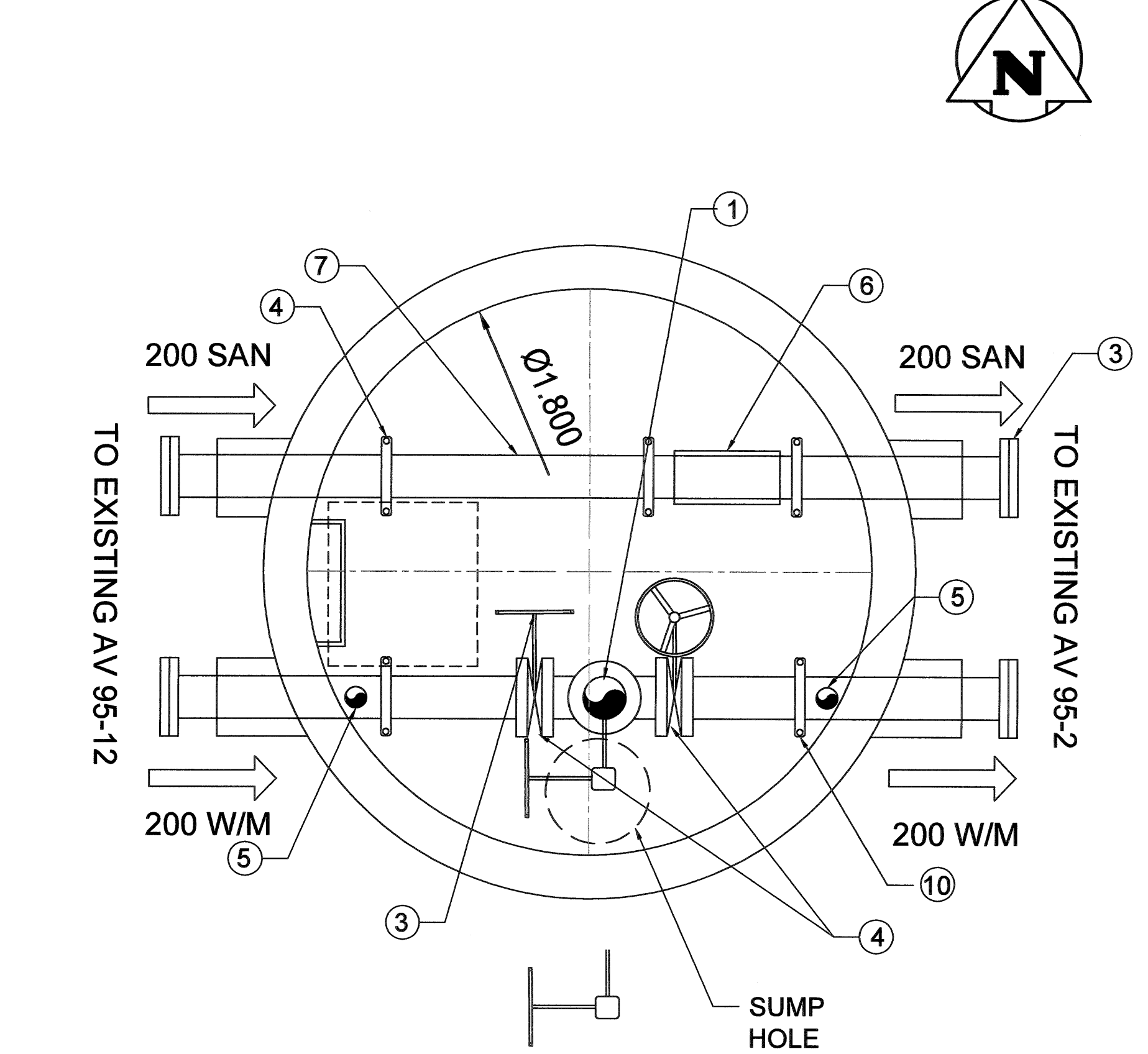
CLIENT:
GOVERNMENT OF NUNAVUT (GN)

KIVALLIQ SENIORS' LONG TERM CARE
FACILITY (KLTCF)
LOT 850, PLAN 3636,
RANKIN INLET, NU

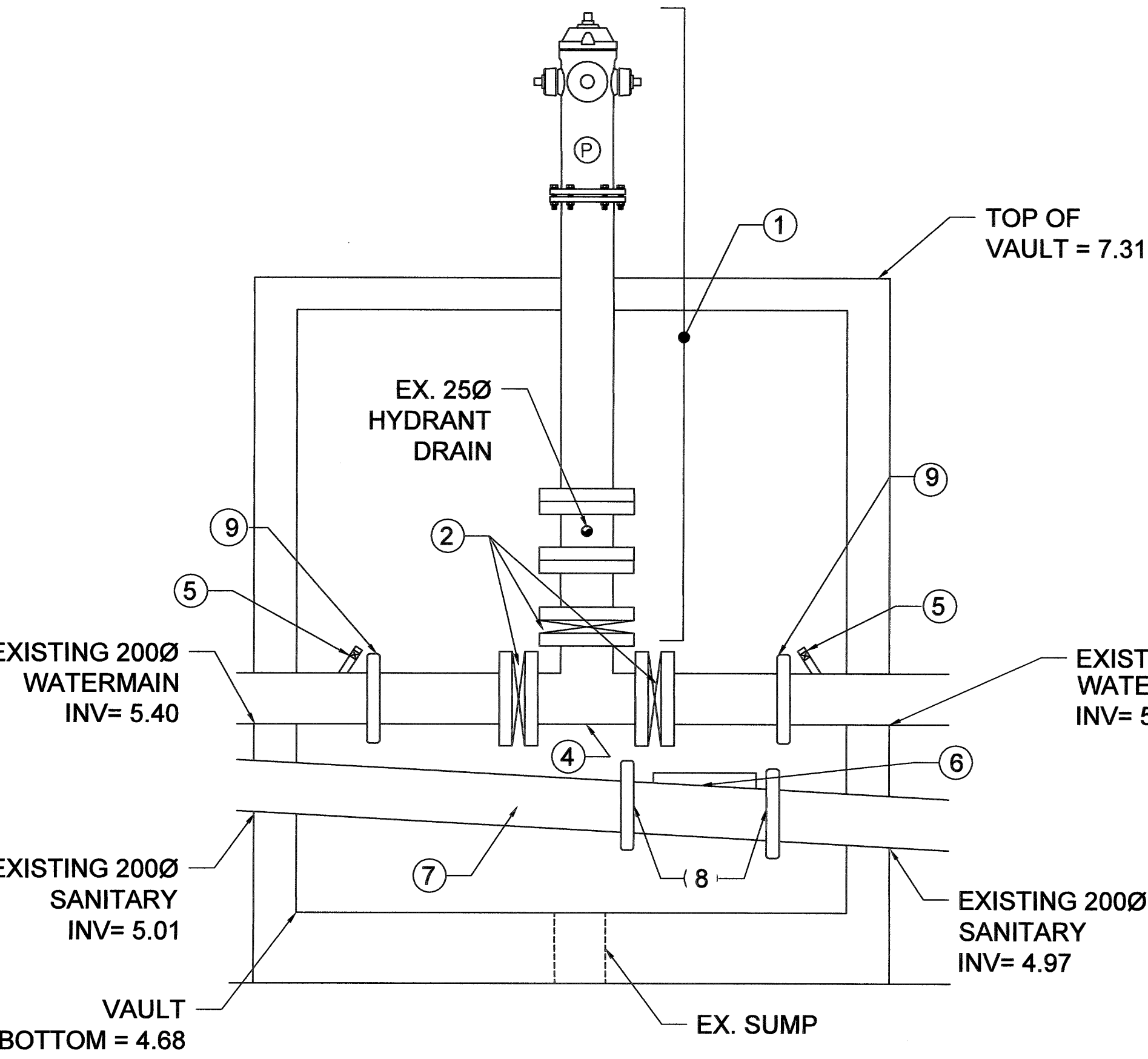
TITLE:
MISC CIVIL DETAILS 2

SCALE: 1:400
PROJECT NUMBER: 2020.00900
DRAWN BY: IT

EXISTING AV 95-11



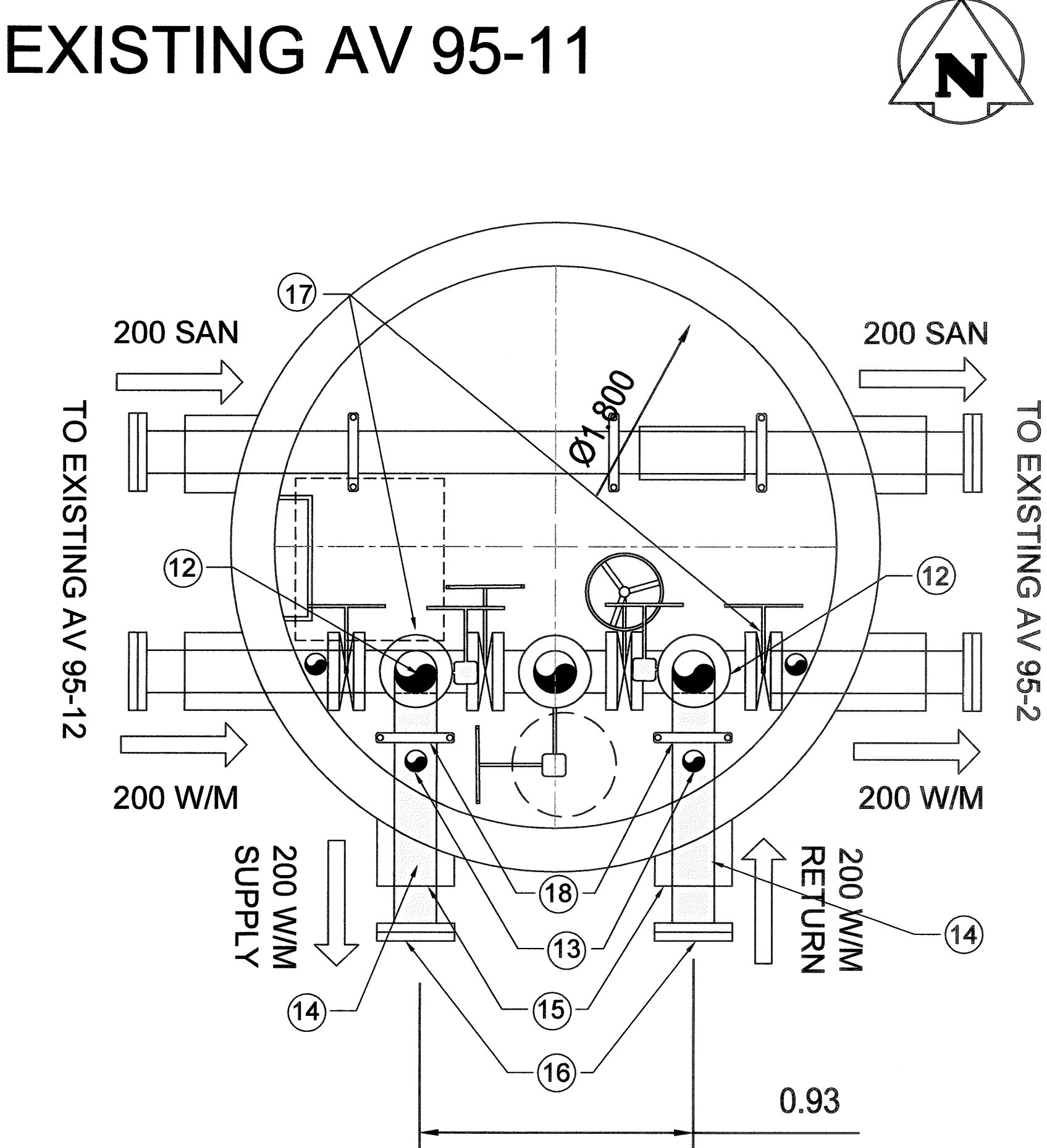
AV NUMBER	INSIDE DIA.	AV TOP EL	HEIGHT	SANITARY INV		W/M TOP (150 & 200)	
				E / W	S	E / W	S
EX. AV 95-11	1800	7.310	2.63	4.99		5.63	



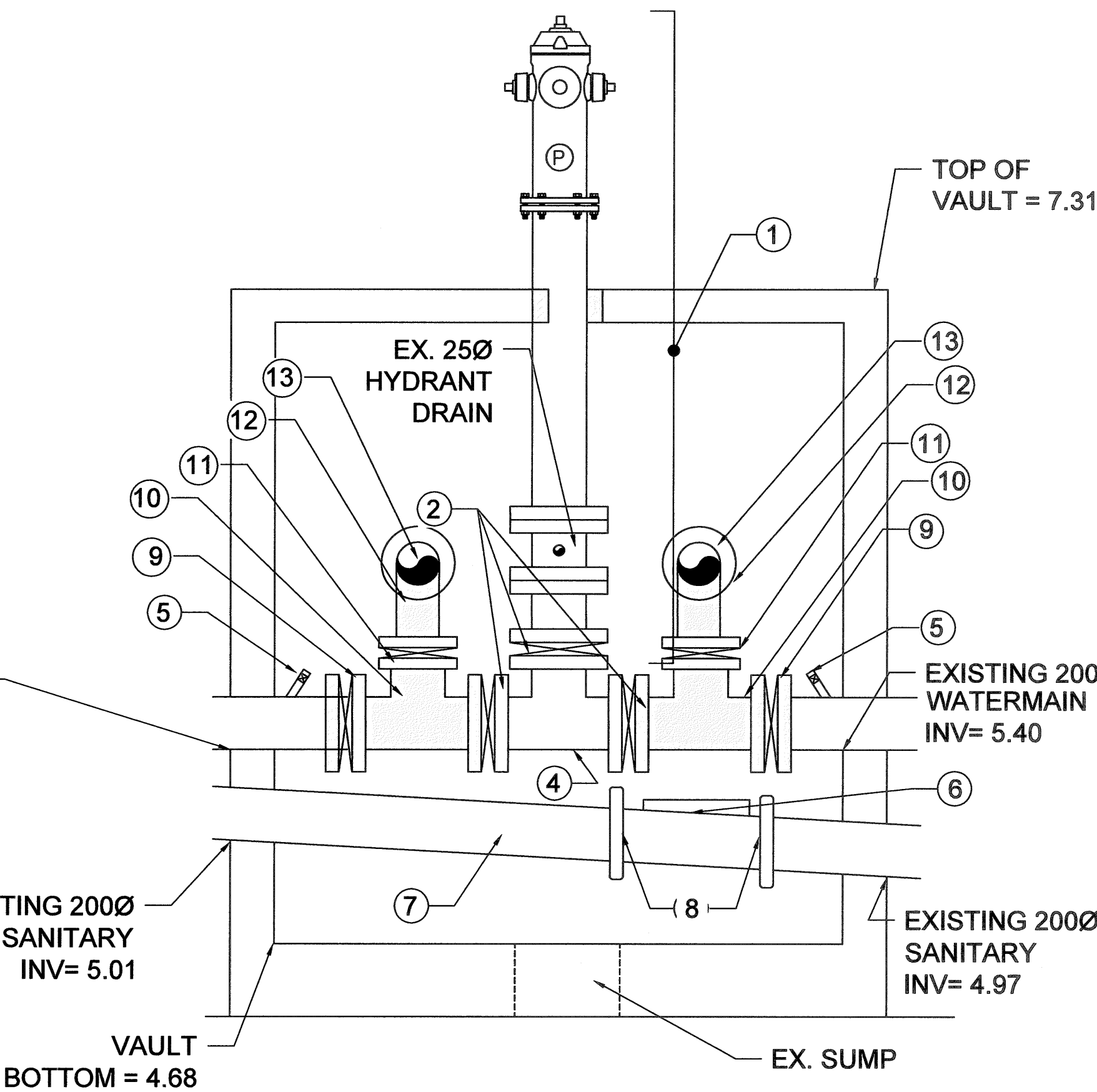
NOTE: EXISTING ELEVATIONS SHOWN ARE BASED ON ASBUILT DRAWINGS PROVIDED BY THE GN AND FROM TOPOGRAPHIC SURVEY / MEASUREMENTS DONE BY POLLARD & ASSOCIATES IN2020/2021. CONTRACTOR TO CONFIRM ACTUAL ELEVATIONS AND SPACING OF INTERNAL COMPONENTS PRIOR TO COMMENCING ANY WORK.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

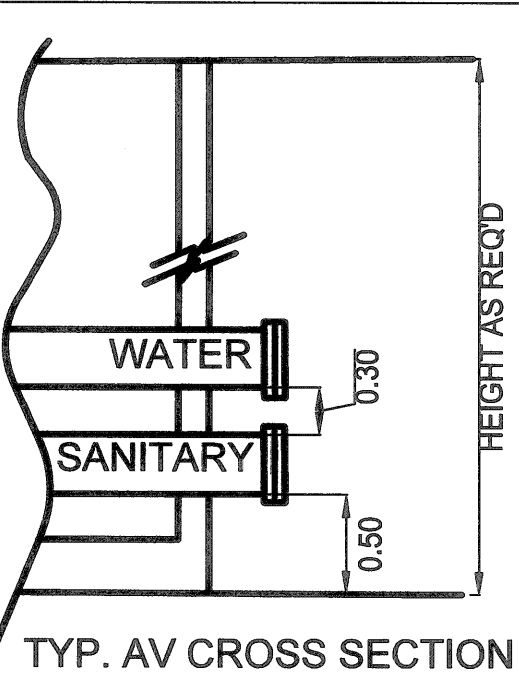
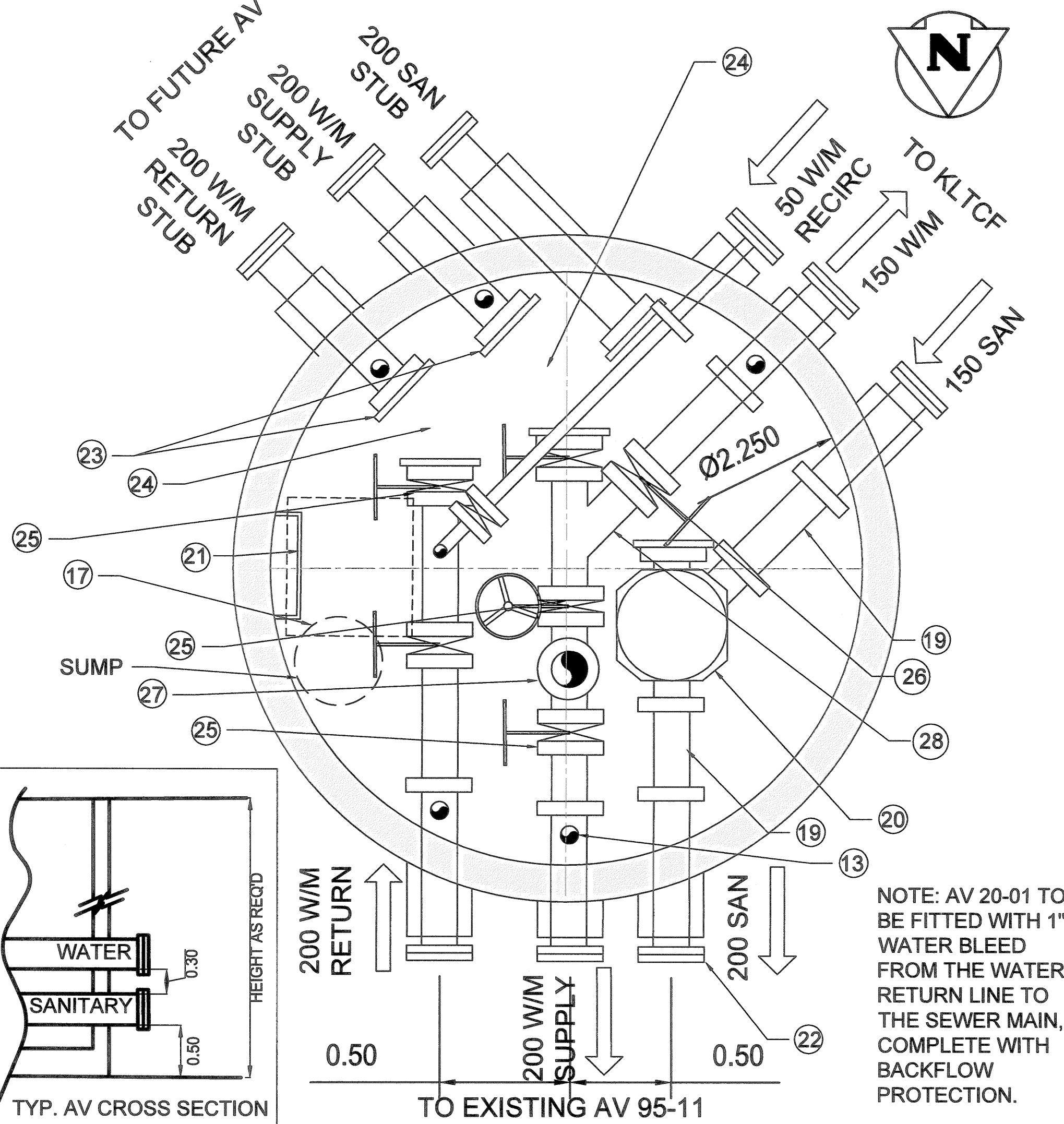
MODIFIED
EXISTING AV 95-11



AV NUMBER	INSIDE DIA.	AV TOP EL	HEIGHT	SANITARY INV		W/M TOP (150 & 200)	
				E / W	S	E / W	S
EX. AV 95-11	1800	7.310	2.63	4.99	4.99	5.63	5.93



NEW AV 20-01



AV NUMBER	INSIDE DIA.	AV TOP EL	HEIGHT	SANITARY INV		W/M TOPS	
				N / SE	SW	N / SE	SW
NEW AV 20-01	2250	9.250	4.110	5.64	5.69	6.16	6.16

KEY - ACCESS VAULT PARTS

- EXISTING HYDRANT ASSEMBLY AND 200Ø BARREL DOWN TO TEE TO REMAIN. TO RELOCATE AS SHOWN AND ROOF TO BE MODIFIED ACCORDINGLY.
- EXISTING 200Ø BUTTERFLY VALVES TO REMAIN
- EXISTING BUTTERFLY VALVE WHEELS TO REMAIN. ADJUST AS NECESSARY IF MORE ROOM REQUIRED TO PROVIDE ADEQUATE OPERATIONAL SPACE WITH NEW COMPONENTS IN ACCESS VAULT.
- EXISTING 200-200-200Ø TEE TO REMAIN
- EXISTING 50Ø BALL VALVES TO BE RELOCATED ON STEEL STUB.
- EXISTING TYPE 2 CLEAN-OUT TO REMAIN. MISSING LID TO REPLACE.
- EXISTING 200Ø SPOOL PIECES TO REMAIN.
- EXISTING 200Ø VICTAULIC COUPLERS TO REMAIN
- REMOVE EX. 200Ø VICTAULIC COUPLERS
- NEW 200-200-200 TEE
- NEW BUTTERFLY VALVE AND COUPLER
- NEW 90° ELBOW C/W COUPLERS
- NEW 200Ø PIPES THROUGH AV WALL
- CUT INTO EX. AV 95-11, ADD 200Ø ACCESS, CONNECT TO EXISTING W/M AS SHOWN, RE-PAINT WITH MASTIC.
- PROVIDE NEW INSULATED STEEL RINGS FOR WATER CONN.
- PROVIDE NEW FLANGE FITTINGS IN ORDER TO CONNECT TO NEW W/Ms
- NEW VALVE WHEELS TO BE ARRANGED TO PROVIDE ACCESS FOR OPERATION
- NEW VICTAULIC COUPLERS
- STEEL SPOOL SCHEDULE 80 FLANGE AND/OR VICTAULIC GROOVED (AS REQUIRED)
- TYPE 1 CLEAN OUT WITH PIPE SUPPORT UNDERNEATH
- 600 x 600 OPENING
- FLANGE FITTING (SIZE AS REQUIRED) C/W PLYWOOD COVERING FOR SHIPPING
- VICTAULIC FLANGE ADAPTER, STYLE 741 C/W BLIND FLANGE
- GAPS FOR FUTURE 45° 200Ø BENDS
- 200Ø BUTTERFLY VALVE
- 150Ø BUTTERFLY VALVE
- 200 x 200 x 200 TEE C/W HYDRANT
- 200-200-150 WYE

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CONSULTANTS:
KGS GROUP

NOTES:

PERMIT / STAMP:

REGISTERED PROFESSIONAL
JAM. MINKEVICH
LICENCEE
17/06/2021
NT/NU

PERMIT TO PRACTICE
KGS GROUP
Signature: *[Signature]*
Date: *[Date]*
PERMIT NUMBER: P419
The Association of Professional Engineers,
Geologists and Geophysicists of the NW/NU

REVISION	APPD.	DATE
ISSUED FOR CONSTRUCTION	JMM	21.05.06
ISSUED FOR TENDER	JMM	21.03.08
DELIVERABLES	APPD.	DATE
CLIENT: GOVERNMENT OF NUNAVUT (GN)		
KIVALLIQ SENIORS' LONG TERM CARE FACILITY (KLTCF) LOT 850, PLAN 3636, RANKIN INLET, NU		
TITLE: AV 95-11 MODIFICATIONS AND NEW AV 20-01		
SCALE: PROJECT NUMBER: DRAWN BY:		NTS 2020.00900 IT

C-503

C-504