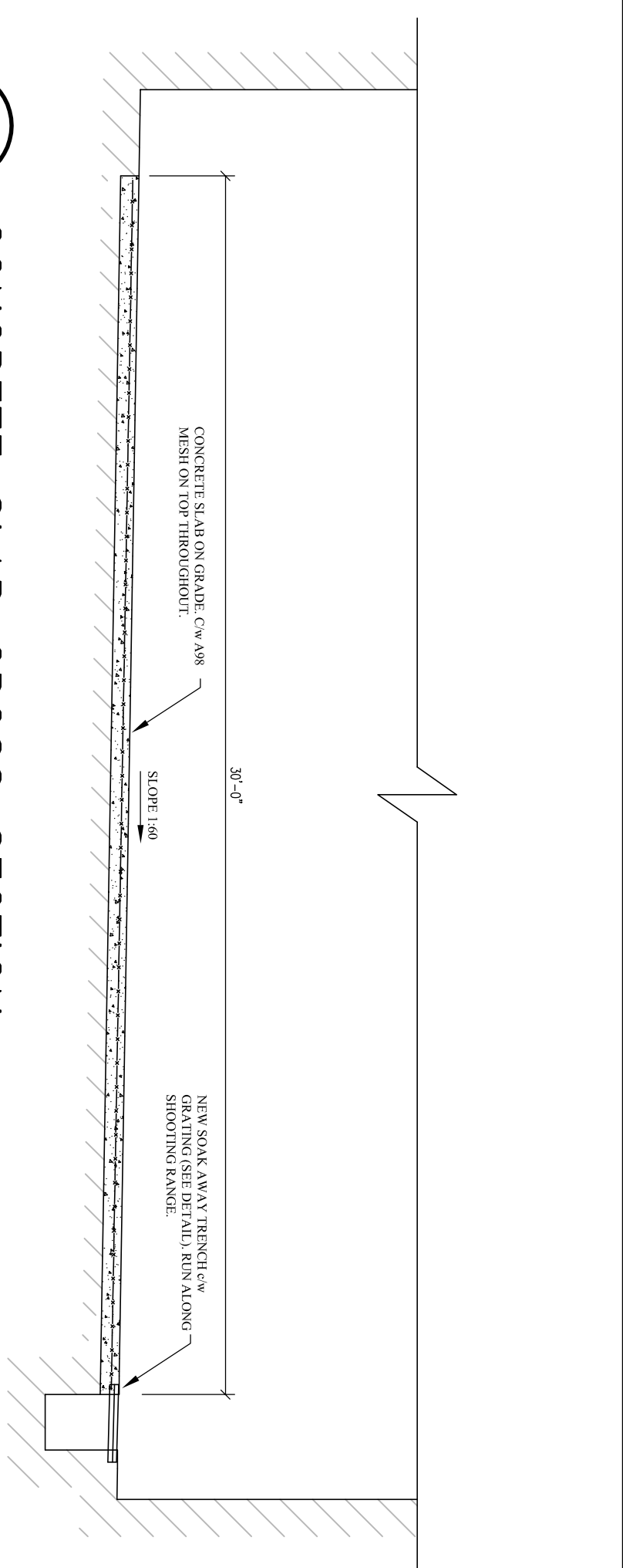
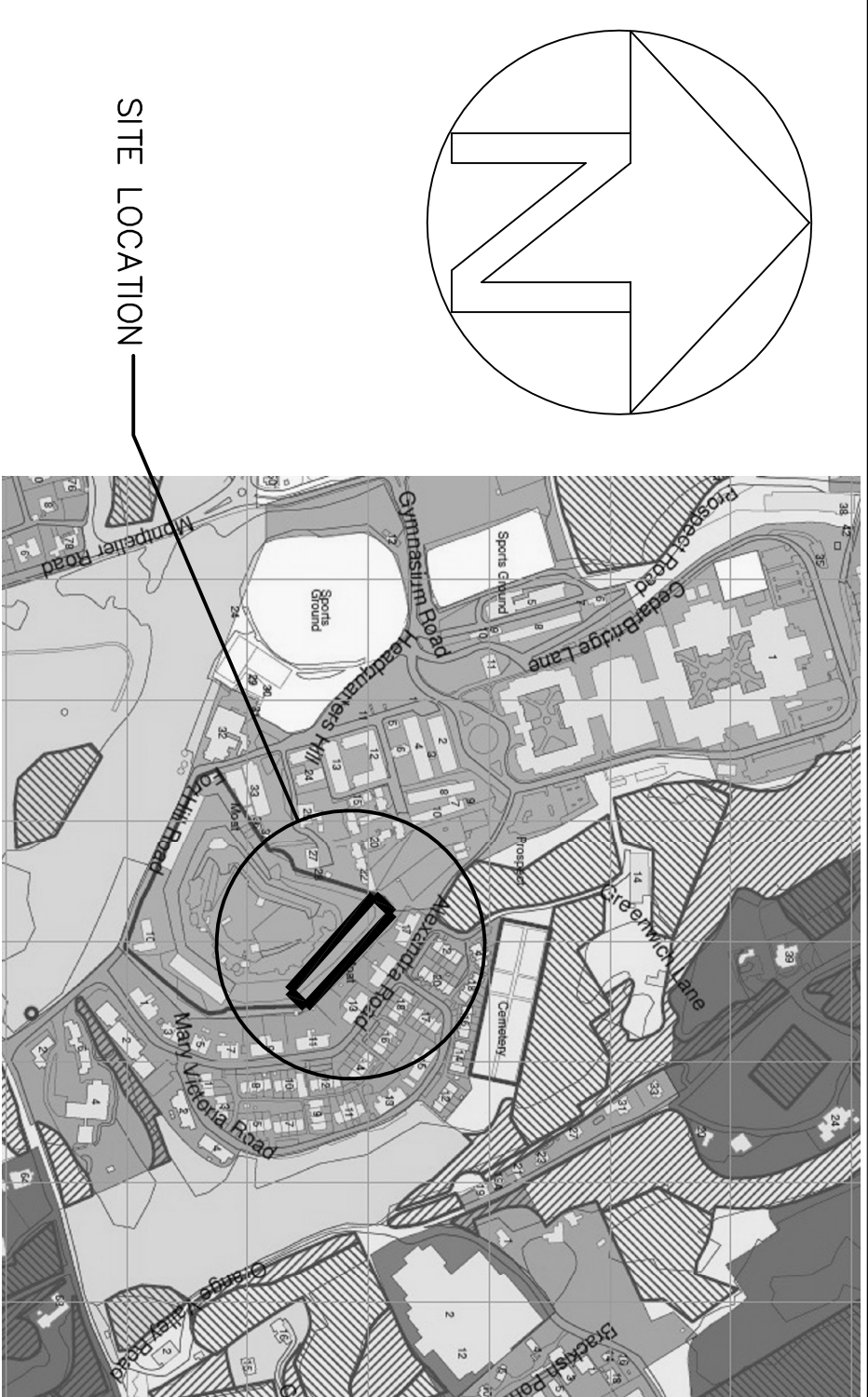


STRUCTURAL NOTES:

1. ANY DISCREPANCIES BETWEEN DRAWINGS OR BETWEEN ASSUMED AND SITE CONDITIONS ARE TO BE BROUGHT TO ENGINEERS ATTENTION IMMEDIATELY.
2. CONTRACTOR IS TO PROCEED WITH ALL WORKS IN ACCORDANCE WITH BERMDUDA BUILDING CODE 1998.
3. BRING TO THE ATTENTION OF THE ENGINEER ANY DEFECTS IN THE WORK OR DEPARTURES FROM THE APPROVED DRAWINGS, WHICH MAY OCCUR DURING CONSTRUCTION
4. 24-HOUR NOTICE TO BE PROVIDED FOR ALL INSPECTION REQUIREMENTS.
5. CONCRETE SLAB:
 - 5.1. CONCRETE TO BE MIN. 35 MPa (6,000 psi) @ 28 DAYS. MAX. AGGREGATE SIZE 3/8", MAX. SLUMP 3".
 - 5.2. STEEL POWER FLOAT FINISH TO SLAB
 - 5.3. CONSTRUCTION JOINT (C.J.) = SAW CUT CONTROL JOINT 1" DEEP.
 - 5.4. REINFORCING TO BE GALVANIZED DEFORMED STEEL BARS & MESH WITH MIN. YIELD STRESS 410 MPa (60,000 psi).
6. SHOOTING POINT SHELTER:
 - 6.1. @ 25M SHOOTING POINT SHELTER:
 - 6.1.1. GALVANIZED 1/2" EYE BOLTS IN BOTH SIDES OF MOAT WALLS @ 10'-0" HEIGHT & 4'-0" c/c OVER WIDTH OF 24'-0"
 - 6.2. @ 50M SHOOTING POINT SHELTER:
 - 6.2.1. TIMBER CONNECTIONS SHALL BE GALVANIZED OR MADE WITH NON CORROSIVE MATERIAL.
 - 6.2.2. ROOF TIMBERS TO BE PAINTED, 1 COAT PRIMER, 1 COAT FINISH WHITE GLOSS PAINT.
 - 6.2.3. TPO WATERPROOF MEMBRANE TO SHELTER ROOF.
 - 6.2.4. LIGHTS TO BE IP65 LUMINAIRES (EVI148-1832N120-VPI).

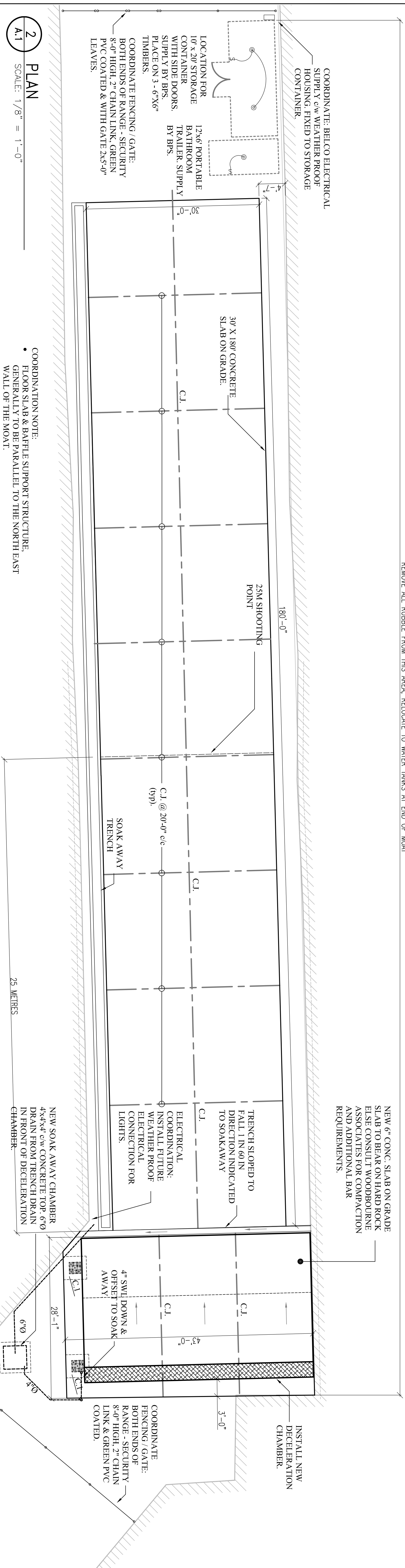


4 CONCRETE SLAB CROSS SECTION
SCALE: 1/4" = 1'-0"



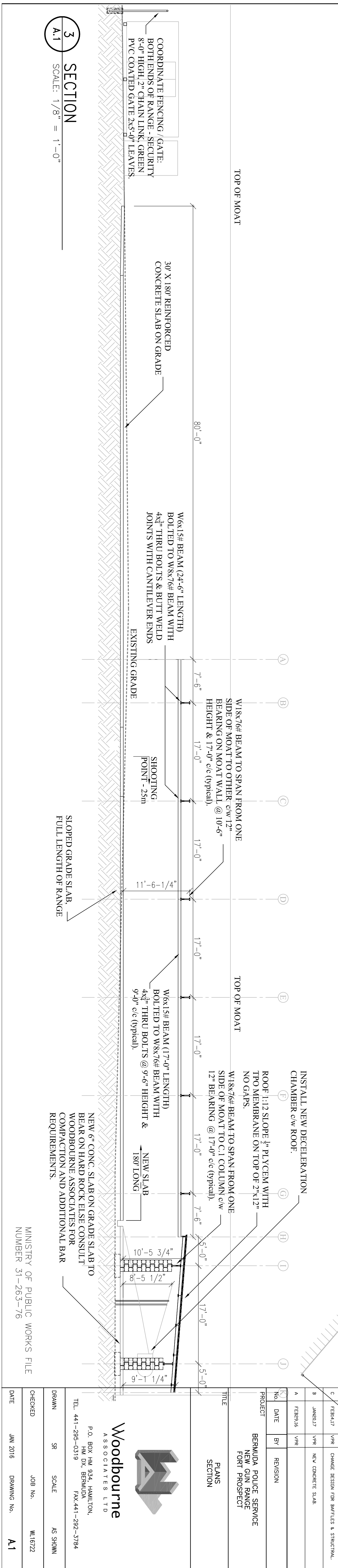
1 LOCATION PLAN
SCALE: 1:2500

REMOVE ALL RUBBLE FROM THIS AREA, RELOCATE TO WATER TANKS AT END OF MOAT



2 PLAN
SCALE: 1/8" = 1'-0"

COORDINATION NOTE:
• FLOOR SLAB & BAFFLE SUPPORT STRUCTURE, GENERALLY TO BE PARALLEL TO THE NORTH EAST WALL OF THE MOAT.



3 SECTION
SCALE: 1/8" = 1'-0"

<p>INSTALL NEW DECELERATION CHAMBER c/w ROOF.</p> <p>ROOF 1:12 SLOPE 1/2" PLYCEM WITH TPO MEMBRANE ON TOP OF 2"x12" NO GAPS.</p> <p>W18x76# BEAM TO SPAN FROM ONE SIDE OF MOAT TO C.I. COLUMN c/w 12" BEARING @ 17'-0" c/c (typical).</p> <p>W6x15# BEAM (17'-0" LENGTH) BOLTED TO W8x76# BEAM WITH 4x3" THRU BOLTS @ 9'-6" HEIGHT & 180" LONG</p> <p>NEW 6" CONC. SLAB ON GRADE SLAB TO BEAR ON HARD ROCK ELSE CONSULT WOODBOURNE ASSOCIATES FOR COMPACTION AND ADDITIONAL BAR REQUIREMENTS.</p>	
<p>NEW SOAK AWAY CHAMBER 4x4x4' c/w CONCRETE TOP, 6"Ø DRAIN FROM TRENCH DRAIN IN FRONT OF DECELERATION CHAMBER.</p> <p>TRENCH SLOPED TO FALL 1 IN 60 IN DIRECTION INDICATED TO SOAKAWAY</p> <p>ELECTRICAL COORDINATION: INSTALL FUTURE WEATHER PROOF ELECTRICAL CONNECTION FOR LIGHTS.</p> <p>4" SWL DOWN & OFFSET TO SOAK AWAY</p>	

NO.	DATE	BY	REVISION
A	FEB2016	YRS	
B	JAN2017	YRS	NEW CONCRETE SLAB
C	FEB2017	YRS	CHANGE DESIGN FOR BATTERS & STRUCTURAL.

PROJECT	BERMDUDA POLICE SERVICE NEW GUN RANGE FORT PROSPECT
TITLE	PLANS SECTION

Woodbourne
ASSOCIATES LTD.

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MINISTRY OF PUBLIC WORKS FILE
NUMBER 31-263-76

CHECKED: JAN 2016 JOB NO. WL16722
DRAWN: SR SCALE AS SHOWN DRAWING No. **A.1**