

FOR HVAC EQUIPMENT REFER TO MECHANICAL ENGINEER'S DRAWINGS

REMOVABLE BOLLARDS AROUND EQUIPMENT (TYP)

FACTORY FINISHED INSULATED METAL SELF CLOSING MAGNETIC PERSONNEL DOOR AND FRAME WITH SACS CARD ACCESS

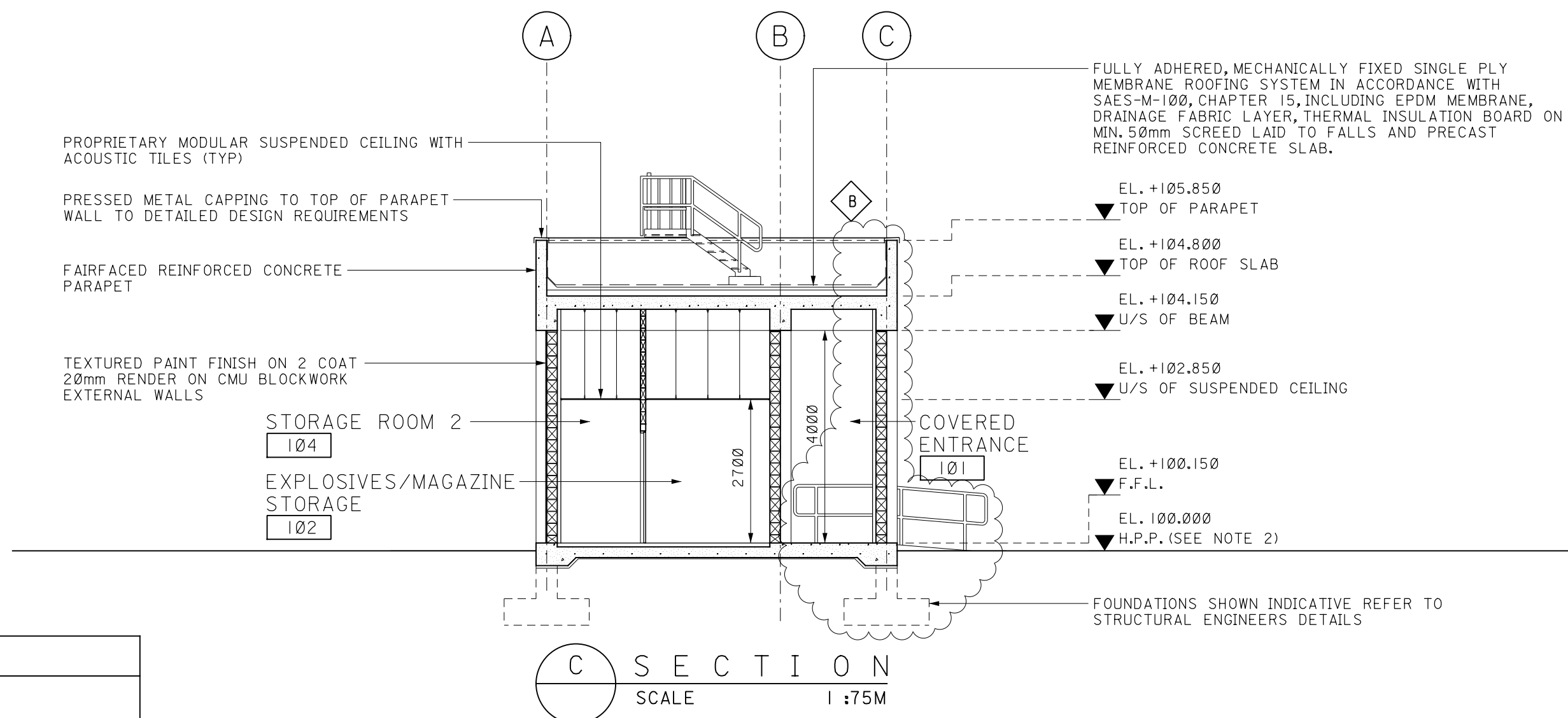
STORAGE ROOM DOORS TO HAVE LOW LEVEL AIR TRANSFER GRILLES TO MECHANICAL ENGINEER'S SPECIFICATION (TYP)

FOR HVAC EQUIPMENT REFER TO MECHANICAL ENGINEER'S DRAWINGS

REMOVABLE BOLLARDS AROUND EQUIPMENT (TYP)

BRUSHED NON-SLIP FINISH TO REINFORCED CONCRETE SLAB AND ACCESS RAMP WITH PAINTED GALVANISED STEEL HANDRAILS BOTH SIDES OF RAMP

B
ELEVATION
SCALE 1:75M



ROOM FINISHES SCHEDULE											
ROOM No.	ROOM NAME	FLOOR				WALL BASE			WALL		
		REINFORCED CONCRETE SLAB	POWER FLOATED SEALED REINFORCED CONCRETE SLAB	SAND/CEMENT SCREED	NON-SLIP EPOXY PAINT FINISH	ARTIFICIAL GRASS, TYPE TO COMPANY APPROVAL	100mm HIGH CERAMIC TILE	PVC COVING	EPOXY PAINT 100mm HIGH	GLAZED CERAMIC WALL TILES	INTERNAL WALLS: PLASTERED AND PAINTED
										EXTERNAL WALLS: INSULATION AND PAINTED GYPSUM WALL BOARD	GALV. CHAINLINK FENCE AND GATE
										SUSPENDED ACOUSTIC MOISTURE RESISTANT TILE SYSTEM	PAINTED STRUCTURE
										SUSPENDED ACOUSTIC TILE SYSTEM	CLEAR HEIGHT (mm) TO U/S OF BEAM UNLESS STATED OTHERWISE
I01	COVERED ENTRANCE	●	●		●						4000
I02	EXPLOSIVES/MAGAZINE STORAGE	●		●					●		2700
I03-I07 (INCL)	STORAGE ROOM 1-5 (INCL)	●		●					●		2700

B	BUILDING NAME	BUILDING TAG NUMBER
	MAGAZINE STORE	860-B-6090E

SBC/IBC BUILDING CLASSIFICATION SCHEDULE	
CODE REQUIREMENTS	
OCCUPANCY CLASSIFICATION	H
TYPE OF CONSTRUCTION	I-B
PROPOSED ACTUAL BUILDING AREAS AND HEIGHTS	B AREA = 48,280 Sqm HEIGHT = 5,850m
FIRE RESISTANT RATING FOR EACH STRUCTURAL ELEMENT	SEE FLOOR PLAN

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
- H.P.P. VARIES, ALL ELEVATIONS SHOWN ARE RELATIVE TO H.P.P. REFER TO UNIT PLOT PLANS FOR H.P.P. DETAILS.
- DO NOT SCALE THIS DRAWING.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH BUILDING DESIGN SPECIFICATION PP-824202 AND BRA REPORT PP-834982 FOR BUILDING DESIGN, BLAST RESISTANCE, FIRE SAFETY AND PROJECT SPECIFIC REQUIREMENTS.
- CONTRACTOR SHALL REVIEW AND CONFIRM THE IBC/SBC CLASSIFICATION SCHEDULE AND CODE REQUIREMENTS DURING DETAILED DESIGN ACTIVITIES.
- CONTRACTOR SHALL REVIEW THE BUILDING OCCUPANTS LEVEL AND OPERATION STRATEGIES WITH COMPANY BEFORE DEVELOPING DETAILED DESIGN OF THE BUILDING.
- BUILDING DESIGN SHOWN, INCLUDING BUT NOT LIMITED TO ALL FURNITURE, FIXTURES, EQUIPMENT AND BUILDING SERVICES, IS PRELIMINARY ONLY AND SHALL BE FURTHER DEVELOPED DURING DETAILED DESIGN ACTIVITIES TO COMPANY APPROVAL.
- CONTRACTOR MAY PROPOSE ALTERNATIVE STRUCTURAL DESIGN ARRANGEMENTS TO MEET PROJECT STANDARDS AND REQUIREMENTS, SUBJECT TO COMPANY APPROVAL.
- THE UNDERGROUND DRAINAGE SCHEMATICS, INCLUDING ALL OILY SUMP COLLECTION POINTS, ARE INDICATED ON UNDERGROUND DRAWINGS.
- EPC CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING THE FINAL DETAILED DESIGN DRAWINGS IN ACCORDANCE WITH THE PROJECT STANDARDS AND SPECIFICATION.
- SECONDARY ROOF DRAINAGE SYSTEM WITH END POINT OF DISCHARGE SEPARATE TO PRIMARY DISCHARGE TO BE PROVIDED TO SAES-M-100 REQUIREMENTS.
- CONTRACTOR MAY CONSIDER ALTERNATIVE CUT-OUT TO PARAPET AND ADJUSTED SAFETY ACCESS LADDER / STEP-OVER TO THAT ILLUSTRATED, INCLUDING 1000mm LONG GUARDRAIL BOTH SIDES OF OPENING, TYPE SHALL BE TO COMPANY APPROVAL.
- MINIMUM PARAPET HEIGHT FROM TOP OF WATERPROOF LAYER SHALL BE 762mm AND IN ACCORDANCE WITH SBC AND IBC REQUIREMENTS.
- ALL MATERIALS OF CONSTRUCTION SHALL BE NON-SPARKING, ANTI-BALLISTIC TYPE.
- THIS BUILDING SHALL BE ENCLOSED BY A TYPE IV SECURITY FENCE TO DETAILED DESIGN REQUIREMENTS.
- EXTERNAL RAMP DESIGN TO BE PROVIDED TO SBC REQUIREMENTS.

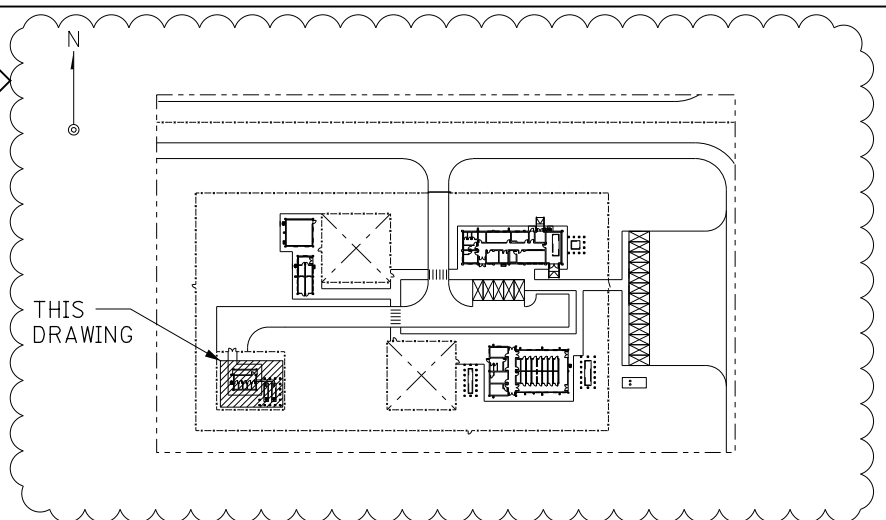
LEGEND

- IN-SITU REINFORCED CONCRETE
- 200mm (NOMINAL) THICK CONCRETE MASONRY UNIT (CMU) WALL
- ELEVATIONS IN PLAN
- I01 - ROOM NUMBER
- I - FIRE RESISTANCE IN HOURS OF FIRE RATED WALL CONSTRUCTION
- ACCU - AIR COOLED CONDENSING UNIT
- AHU - AIR HANDLING UNIT
- EL. - ELEVATION
- F.F.L. - FINISHED FLOOR LEVEL
- H.P.P. - HIGH POINT OF PAVING
- RWP - RAIN WATER PIPE
- SACS - SECURITY ACCESS CONTROL SYSTEM
- SOP - SETTING OUT POINT

REFERENCE DRAWINGS

FACILITY PLOT PLAN K9 AREA	PP-014125-001
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KEY PLAN



0 1.0 2.0 3.0 4.0 5.0 6.0 7.0											
METERS											
SCALE: 1:75M											

REVISION VALIDATION

THIS REVISION No. B IS COVERED, FOR ALL APPROVAL AND CERTIFICATION REQUIREMENTS, PER SAEP-334, UNDER DRAWING COMPLETION CERTIFICATE NO:

10-14815-0001-000

DESIGN CERTIFICATION	REVIEW FOR KEY DRAWINGS	OTHER
(DESIGN AGENCY)	(REQUIRED)	(SAUDI ARAMCO)

ENGR./DATE	TBA	CERTIFIED BY/DATE	CONST. AGENCY/DATE	OPERATIONS/DATE	BY/DATE
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REV. NO./DATE	B	02/17/23	ISSUED FOR PROPOSAL
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JOB ORDER/REV. NO.	10-14815-0001	THIS REVISION IS NOT TO BE USED FOR CONSTRUCTION UNTIL CERTIFIED AND DATED
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SAUDI ARABIAN OIL COMPANY

PLAN ELEVATIONS AND SECTION

K9 AREA MAGAZINE STORE

JFGP ISF & FSF

JAFURAH SAUDI ARABIA

PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.
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860	R	PP-477063	001	B
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