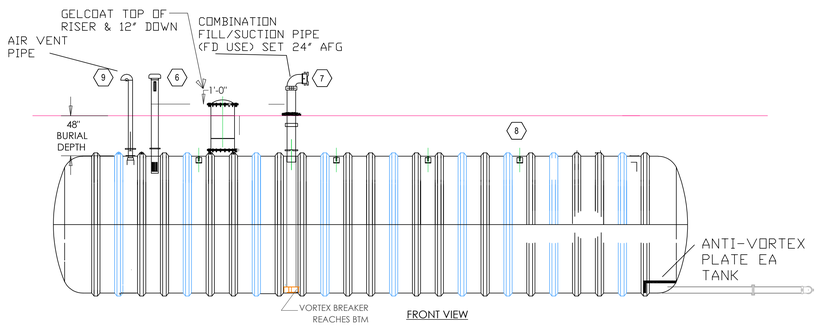
3/16" = 1'-0"



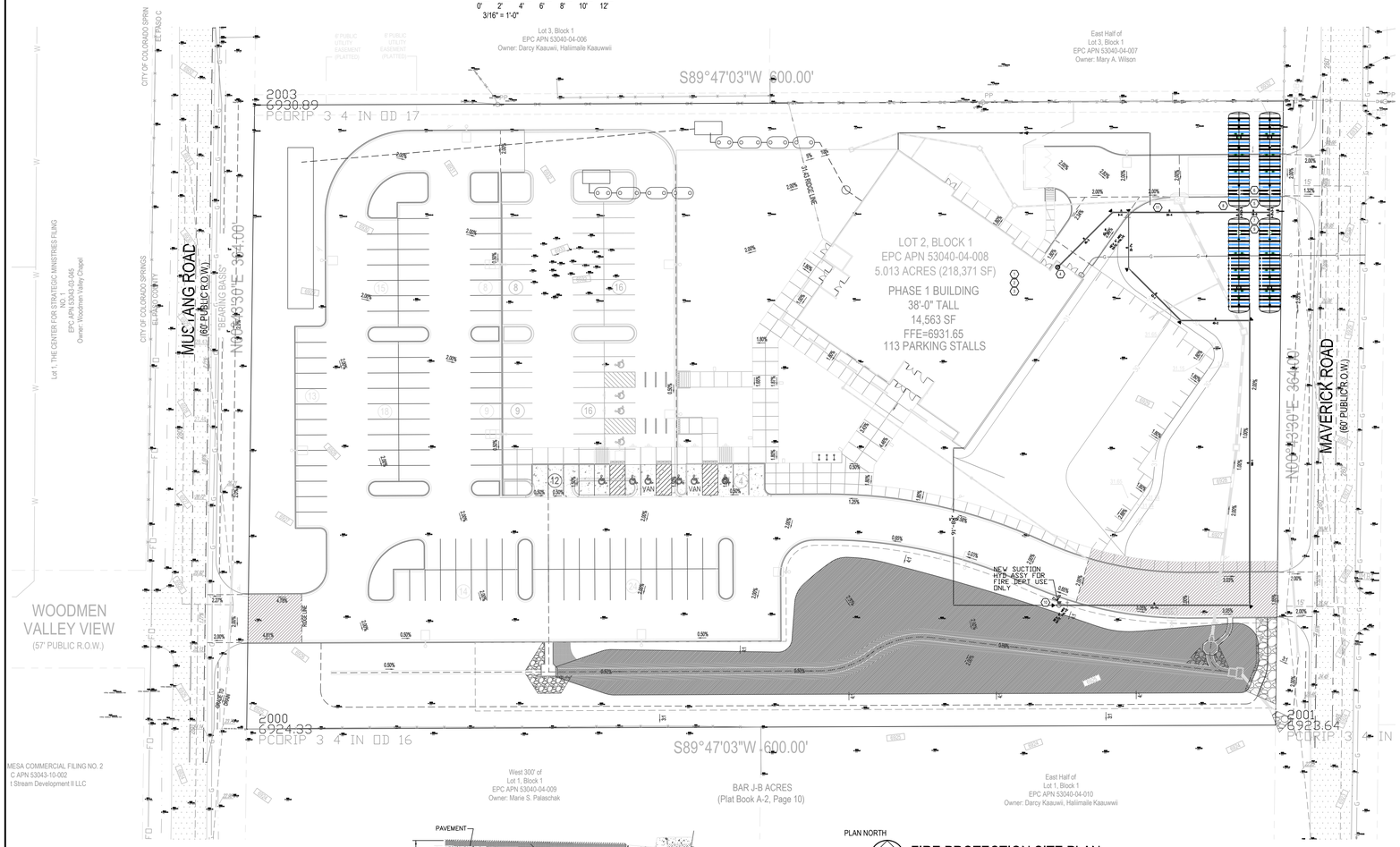
FRONT VIEW

KEYNOTE (1)

1. LIGHT HAZARD AREA NOTE:USE OF AREA REDUCTIONS IS ACCEPTABLE
2. ORD HAZARD AREA NOTE: USE OF AREA REDUCTIONS IS ACCEPTABLE.
3. PROVIDE WET PIPE SYSTEM THROUGHOUT BUILDING
4. AREA OF FUTURE FIRE PUMP ROOM
5. PROVIDE 4, 45000 GAL (180,000 GALLON TOTAL) IN GROUND STORAGE TANKS PER NFPA 22 REQUIREMENTS, COORDINATE EXACT LOCATION WITH OWNER / ARCHITECTURAL DESIGN TEAM. THE TANK MFG SHALL PROVIDE SUBMITTAL OF TANK AND AND VENT, SIGHT GAGE, ETC, ANTI-VORTEX PLATE EQUIPMENT, ETC.
6. PROVIDE VISUAL FILL LEVEL INDICATOR ABOVE GRADE FOR EACH TANK
7. PROVIDE SUCTION CONNECTION ON TANK NEAREST THE PAVED DRIVE WAY
8. PROVIDE MEANS FOR AUTOMATIC MAINT. FILL FOR THE CISTERN / TANK PER NFPA22 REQS.
9. PROVIDE VENT FOR EACH TANK PER NFPA22 REQS.
10. PROVIDE ON SITE HYDRANT FOR FIRE DEPT USE TO FILL THEIR PUMPER TRUCK.
11. PROVIDE MINIMUM 8" PIPING FROM STORAGE TANK TO THE PUMP WELL .

5 45 K GAL INGROUND TANK SECTION

0' 2' 4' 6' 8' 10' 12'
3/16" = 1'-0"



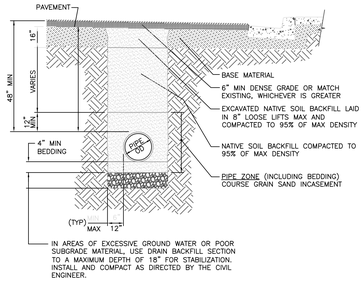
PLAN NORTH

FIRE PROTECTION SITE PLAN

0' 4' 8' 16' 32' 64'
1/32" = 1'-0"

IFC TANK VOLUME COMPUTATION
25302 SQFT FOOTPRINT PHASE 1
TYPE IIB CONSTRUCTION
3250 GPM / 3 HRS
FOR FULLY SPRINKLER ED BUILDINGS 75% REDUCTION OF VOLUME REQUIREMENTS = THUS 813 GPM / 3HOURS
903.11(a) REQUIRES 1000 GPM MIN FIRE FLOW / 3 HOURS
TOTAL VOLUME REQUIRED 180,000 GALLONS (4 , 45000 INGROUND TANKS)

THE SCOPE OF THIS WORK IS LIMITED TO SITE WORK ONLY. THE INSTALLATION OF THE WATER STORAGE TANKS, AND UNDERGROUND PIPE, FIRE HYDRANT, AND FUTURE STUP UP INTO THE FUTURE FIRE RISER / PUMP ROOM. ALL UNDERGROUND PIPING SHALL BE INSTALLED AND TESTED PER NFPA24 REQUIREMENTS.



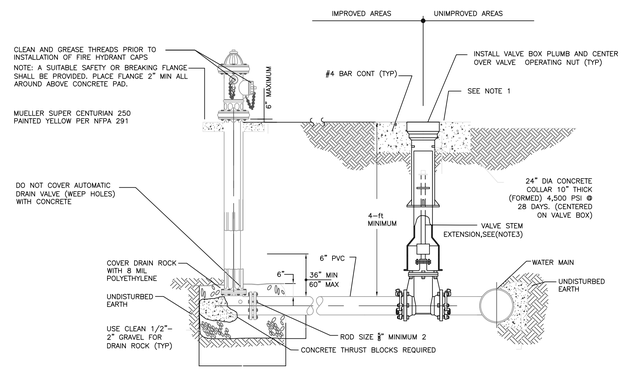
6 TRENCH BACKFILL PAVED AND UNPAVED AREAS

NOT TO SCALE

CONSTRUCTION DATA

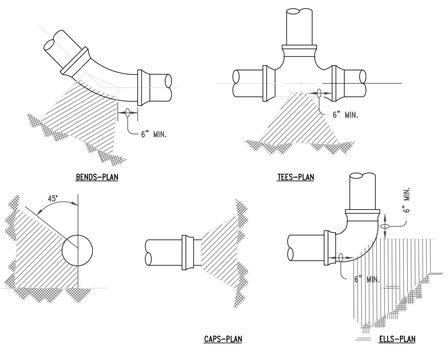
PIKES PEAK REGIONAL BLDG CODE	2023
BUILDING CODE	2021 IBC
FIRE CODE	2021 IFC
MECHANICAL CODE	2021 IMC
ELECTRICAL CODE	2023 NEC
PLUMBING CODE	2021 IPC
CONSTRUCTION TYPE	II B, NON-COMBUSTIBLE
OCCUPANCY GROUP(s)	A3 RELIGIOUS WORSHIP
TOTAL AREA	~25302 SQFT

PROJECT CONTACTS	
OWNER Islamic Center of Colorado Springs 2125 N Chestnut St. Co. Springs CO. 80907	TENENT
GENERAL CONTRACTOR	AUTHORITY HAVING JURISDICTION #1 Pikes Peak Regional Building Dept 2880 International Circle CO Springs CO 80910
ARCHITECT Kevin Koras Architect LLC 2762 S Fenton St. Denver CO. 80227	AUTHORITY HAVING JURISDICTION #2



8 FIRE HYDRANT INSTALLATION

NOT TO SCALE



Nominal Pipe Diameter (in.)	Bearing Block Area (ft^2)	Nominal Pipe Diameter (in.)	Bearing Block Area (ft^2)	Nominal Pipe Diameter (in.)	Bearing Block Area (ft^2)
3	2.6	12	29.0	24	110.9
4	3.8	14	39.0	30	170.6
6	7.9	16	50.4	36	244.4
8	13.6	18	63.3	42	329.9
10	20.5	20	77.7	48	430.0

7 STANDARD THRUST BLOCKS FOR WATER MAINS

SCALE : NTS

SPRINKCAD SYMBOL LEGEND					
⊗	SYSTEM RISER	▷	PIPE REDUCER	4	HEAD ELEVATION
○	PIPE RISE	▯	PIPE COUPLING	XX	WELD PIPE FAB. TAG
●	PIPE DROP	⁄	PIPE HANGER	X	PIPE FAB. TAG
⋈	POL	ⓧ	HYDRAULIC NODE	4	4-WAY EARTHQUAKE BRACE
⋈	GSN	—xx-x"-	PIPE ELEVATION		2-WAY EARTHQUAKE BRACE
○	PIPE CAP	▽	HORN & STROBE	▓	FIRE DEPT CONNECTION

FIRE PROTECTION CONTRACTOR

VERITAS FIRE ENGINEERING, INC.
12364 W. Alameda Pkwy Ste. 135
Lakewood, Colorado 80228
303-985-3300 Office
303-985-5594 Fax
www.veritasfire.com

PROFESSIONAL SEAL



PHASE 1

Islamic Society of Colorado Springs

Lot 2 Block 1 JB Acres
El Paso County CO.

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PROJECT NUMBER: 26-1006
DATE: 09Sep26
DRAWN BY:
CHECKED BY:
ISSUE:
REVISIONS:

fp26-1006

FIRE WATER TANKS
OVERALL FP SITE PLAN
PLAN AND DETAILS

FP1

1 OF 1