DRAWING NOTES

1. (E) BRICK VENEER TO BE CAREFULLY REMOVED TO EXPOSE (E) CMU FOR RAFTER BRACKET MOUNTING. SSD
2. PORTION OF (E) CONCRETE CURB SAW CUT+ FULL DEPTH REMOVED
3. OUTLINE OF (N) ENCLOSURE
4. OUTLINE OF (N) CONCRETE EQUIPMENT PAD, SSD
5. VIF PIPE Ø+2" CLEARANCE HOLE CORE DRILLED THROUGH (E) BRICK VENEER+(E) CMU FOR GROUTED PIPE SLEEVE. SMD FOR PIPE SIZE+ LOCATION
6. (E) MANHOLE TO REMAIN
7. (N) CONCRETE FOOTINGS, TYP. SSD
8. (E) PHASE 4 DUCTWORK TO REMAIN
9. (E) PHASE 4 FENCING/GATE TO REMAIN, SPD, VIF LOCATION, CUT BACK FENCE + ATTACH TO (N) FENCEPOST(S)
10. SAW CUT THROUGH (E) CONCRETE DRIVEWAY TO ALLOW CONSTRUCTION OF (N) CONCRETE FOOTINGS, SEE SSD. (N) CONCRETE INFILL TO MATCH (E) INCLUDING, BUT NOT LIMITED TO, COMPOSITION SURFACE LEVEL, COLOR+TEXTURE
11. (E) GRAVEL TO BE REMOVED AND FOOTINGS EXCAVATED TO DEPTH REQUIRED, SSD
12. BEFORE DEMOLITION, LOCATE ALL SUB GRADE UTILITIES BENEATH EXCAVATION AREA(S), CONTACT ARCHITECT OF ANY CONFLICTS BETWEEN (E) TO REMAIN UTILITIES+PROPOSED
13. REMOVE (E) BOLLARDS
14. (E) GAS LINE/METER
15. (N) 10 Ø X 24" SONOTUBE FENCEPOST FOOTING
16. (N) FENCEPOST TO MATCH (E)
17. (E) DOAS UNIT

16 · 15 · F · 2 · 1.2 · 1 · B3 · B · A7 · A3 · A

3'-0" · 15'-9" · 21'-11 3/4" · 18'-8 1/8" · 12'-6" · 1'-11 1/2" · SOP · SSD · 1'-0" · 6'-0" · 7'-2 3/8" · 8'-6 3/4" · 22'-11 1/2"

1 PLAN
SCALE: 3/4" = 1'-0"

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DULLES SOUTH RECREATION CENTER PHASE 5 - POOL FILTER MEDIA UPGRADES

24950 RIDING CENTER DR
SOUTH RIDING, VA 20152

No.:	Revision:	Date:
	75% CD	08.10.20
	95% CD	09.04.20
	PERMIT	10.14.20
	FOR BID	02.01.21
	Addendum 1	xx.xx.xx

Seal:

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FILTER EQUIPMENT ENCLOSURE DEMO PLAN

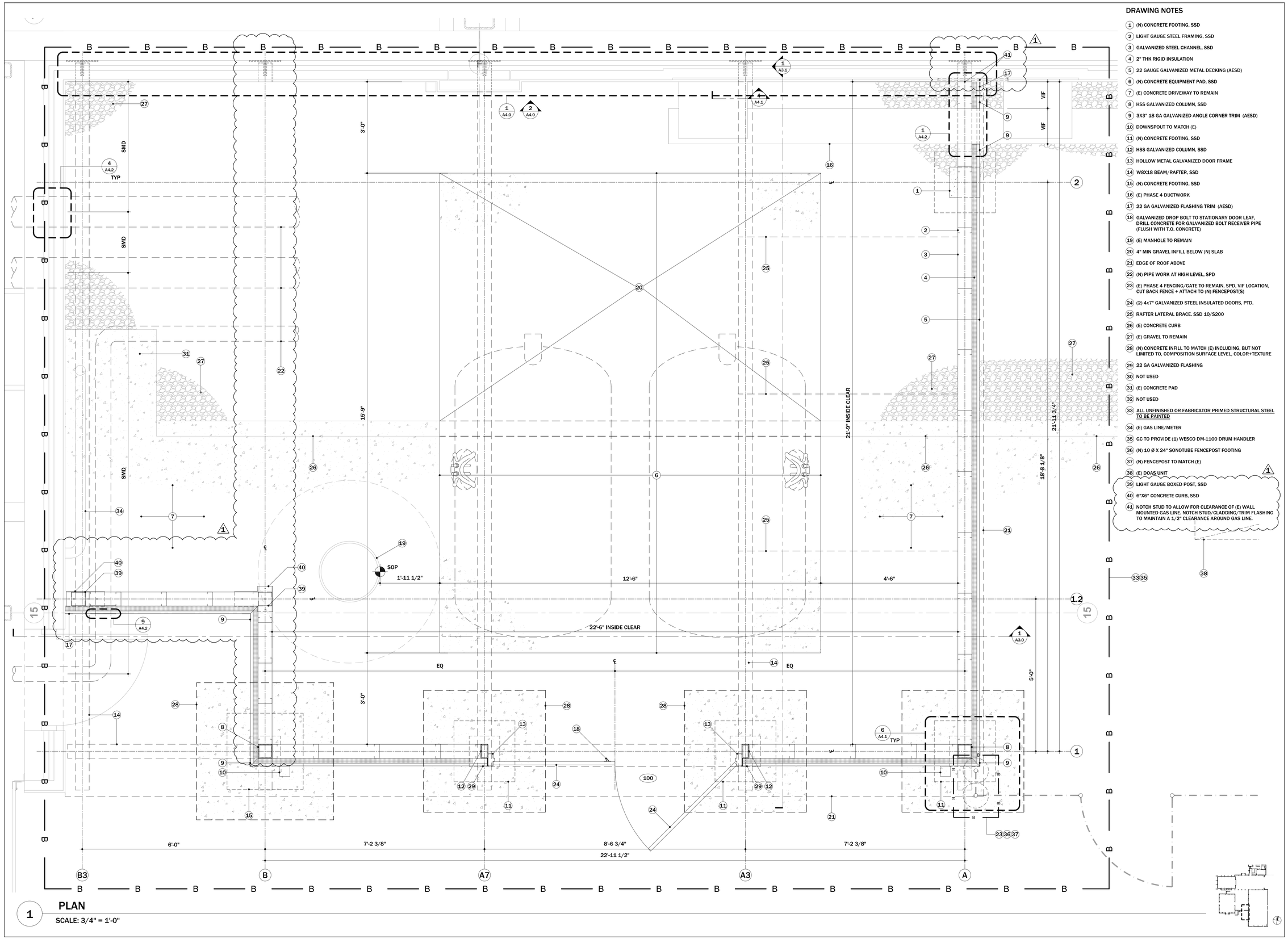
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DRAWING NOTES

1. (N) CONCRETE FOOTING, SSD
2. LIGHT GAUGE STEEL FRAMING, SSD
3. GALVANIZED STEEL CHANNEL, SSD
4. 2" THK RIGID INSULATION
5. 22 GAUGE GALVANIZED METAL DECKING (AESD)
6. (N) CONCRETE EQUIPMENT PAD, SSD
7. (E) CONCRETE DRIVEWAY TO REMAIN
8. HSS GALVANIZED COLUMN, SSD
9. 3X3" 18 GA GALVANIZED ANGLE CORNER TRIM (AESD)
10. DOWNSPOUT TO MATCH (E)
11. (N) CONCRETE FOOTING, SSD
12. HSS GALVANIZED COLUMN, SSD
13. HOLLOW METAL GALVANIZED DOOR FRAME
14. W8X18 BEAM/RAFTER, SSD
15. (N) CONCRETE FOOTING, SSD
16. (E) PHASE 4 DUCTWORK
17. 22 GA GALVANIZED FLASHING TRIM (AESD)
18. GALVANIZED DROP BOLT TO STATIONARY DOOR LEAF, DRILL CONCRETE FOR GALVANIZED BOLT RECEIVER PIPE (FLUSH WITH T.O. CONCRETE)
19. (E) MANHOLE TO REMAIN
20. 4" MIN GRAVEL INFILL BELOW (N) SLAB
21. EDGE OF ROOF ABOVE
22. (N) PIPE WORK AT HIGH LEVEL, SPD
23. (E) PHASE 4 FENCING/GATE TO REMAIN, SPD, VIF LOCATION, CUT BACK FENCE + ATTACH TO (N) FENCEPOST(S)
24. (2) 4x7" GALVANIZED STEEL INSULATED DOORS, PTD.
25. RAFTER LATERAL BRACE, SSD 10/S200
26. (E) CONCRETE CURB
27. (E) GRAVEL TO REMAIN
28. (N) CONCRETE INFILL TO MATCH (E) INCLUDING, BUT NOT LIMITED TO, COMPOSITION SURFACE LEVEL, COLOR+TEXTURE
29. 22 GA GALVANIZED FLASHING
30. NOT USED
31. (E) CONCRETE PAD
32. NOT USED
33. ALL UNFINISHED OR FABRICATOR PRIMED STRUCTURAL STEEL TO BE PAINTED
34. (E) GAS LINE/METER
35. GC TO PROVIDE (1) WESCO DM-1100 DRUM HANDLER
36. (N) 10 Ø X 24" SONOTUBE FENCEPOST FOOTING
37. (N) FENCEPOST TO MATCH (E)
38. (E) DOAS UNIT
39. LIGHT GAUGE BOXED POST, SSD
40. 6"X6" CONCRETE CURB, SSD
41. NOTCH STUD TO ALLOW FOR CLEARANCE OF (E) WALL MOUNTED GAS LINE. NOTCH STUD/CLADDING/TRIM FLASHING TO MAINTAIN A 1/2" CLEARANCE AROUND GAS LINE.

1 PLAN
SCALE: 3/4" = 1'-0"

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FILTER EQUIPMENT ENCLOSURE PLAN

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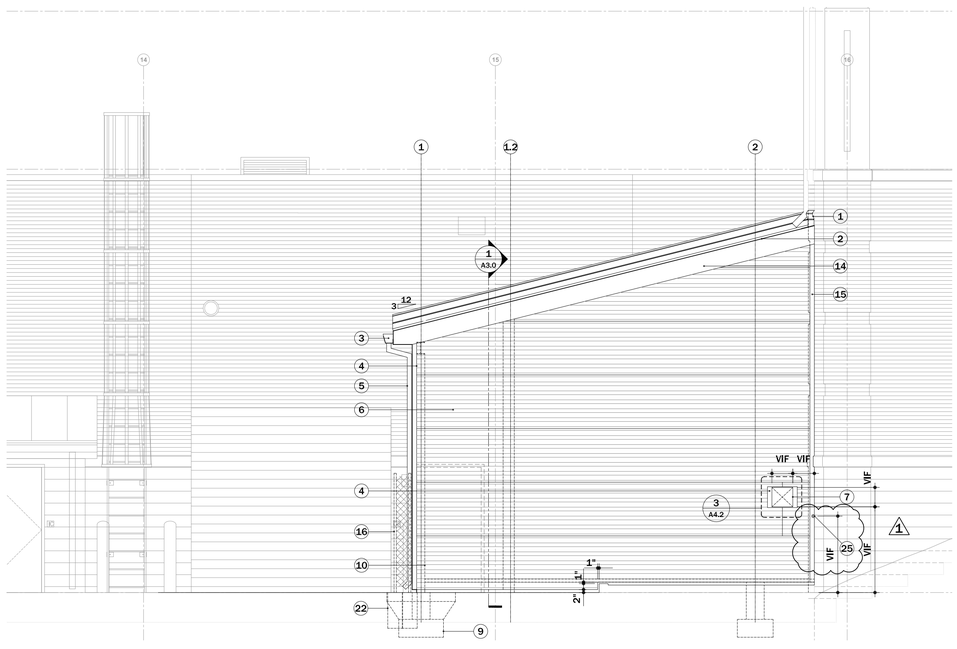
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1 FRONT ELEVATION

SCALE: 1/4" = 1'-0"



2 SIDE ELEVATION

SCALE: 1/4" = 1'-0"

DRAWING NOTES

1. COUNTER FLASHING EMBEDDED IN EXISTING MORTAR JOINT/NEW 3/8" X 1 1/2" CUT SLOT WITH LEAD WEDGE.
2. STANDING SEAM METAL ROOFING TO MATCH (E)
3. GUTTER TO MATCH (E)
4. 3X3 18 GA GALVANIZED ANGLE CORNER TRIM (AESD)
5. DOWNSPOUT TO MATCH (E)
6. 22 GAUGE GALVANIZED METAL DECKING (AESD)
7. (E) PHASE 4 DUCTWORK TO REMAIN
8. NOT USED
9. (N) CONCRETE FOOTING, SSD
10. HSS GALVANIZED COLUMN, SSD
11. HOLLOW METAL GALVANIZED DOOR FRAME
12. GALVANIZED DROP BOLT TO STATIONARY DOOR LEAF
13. (E) CURB TO REMAIN
14. COMPOSITE TRIM BOARD TO MATCH (E)
15. 22 GA GALVANIZED FLASHING TRIM (AESD)
16. (E) PHASE 4 FENCING/GATE TO REMAIN, SPD, VIF LOCATION, CUT BACK FENCE + ATTACH TO (N) FENCEPOST(S)
17. (2) 4x7" GALVANIZED STEEL INSULATED DOORS, PTD
18. (E) GAS LINE/METER
19. NOT USED
20. (N) PIPES TO EQUIPMENT, SPD
21. GUTTER STRAP TO MATCH (E)
22. (N) 10 Ø X 24" SONOTUBE FENCEPOST FOOTING
23. (N) FENCEPOST TO MATCH (E)
24. (N) DIAGONAL BRACE
25. NOTCH CLADDING/TRIM FLASHING TO MAINTAIN A 1/2" CLEARANCE AROUND (E) WALL MOUNTED GAS LINE.

1

DOOR HARDWARE

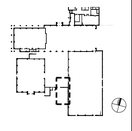
HARDWARE SETS
SET #1 -

DOORS: 100 PR 4/0 X 7/0

6	HINGES	CB199 5 X 4 1/2 NRP	630W	ST
1	STOREROOM LOCK	CL3357 NZD C6 CMK	626	CR
1	CANE BOLT	244B	626	TR
1	OVERLAPPING ASTRAGAL PROVIDED BY HM DOOR BY MFR			
2	DOOR SILENCERS	1229A	GREY	TR

FINISH LIST

CODE	DESCRIPTION
626	SATIN CHROMIUM PLATED
630W	STAINLESS STEEL, WEATHERIZED
GREY	GREY



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FILTER EQUIPMENT ENCLOSURE ELEVATIONS

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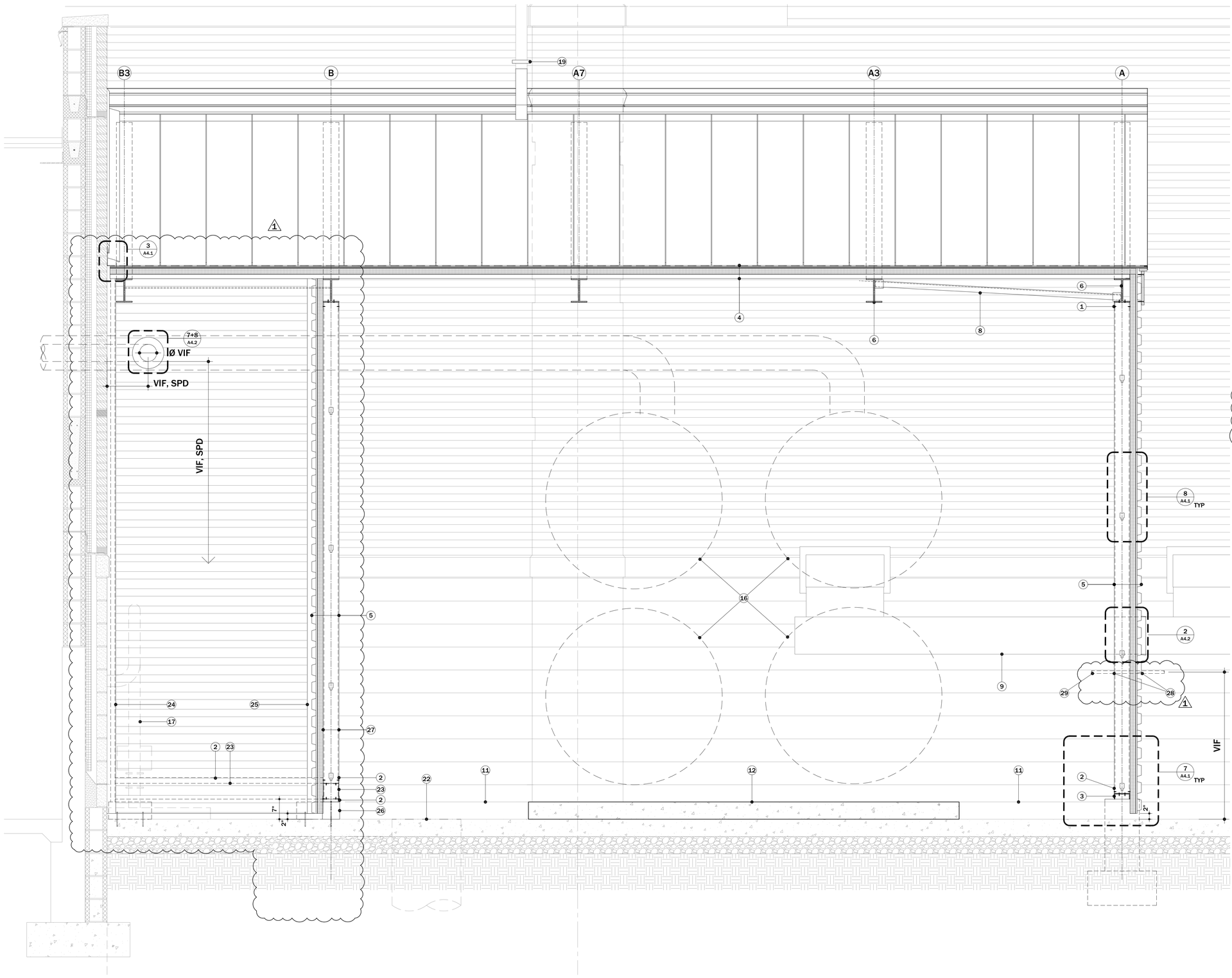
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DRAWING NOTES

1. LIGHT GAUGE METAL TOP TRACK
2. LIGHT GAUGE METAL BOTTOM TRACK
3. C6X13 GALVANIZED BEAM, SSD
4. ROOF ASSEMBLY
   - 20 GA METAL DECK
   - 2" SEMI RIGID INSULATION
   - 5/8" PLYWOOD SHEATHING
   - ICE+WATER SHIELD
   - METAL STANDING SEAM ROOF PANELS TO MATCH (E)
5. WALL ASSEMBLY
   - LIGHT GAUGE METAL STUDS @ 16" OC
   - 2" RIGID INSULATION
   - 1/2" SUBGIRT
   - 22 GA GALVANIZED METAL DECKING W/ DOWN HILL LAP OVER SEALANT (AESD)
6. W8 BEAM/RAFTER, SSD
7. KNEE BRACE, SSD 7.7A/S200
8. RAFTER LATERAL BRACE, SSD 10/S200
9. (E) PHASE 4 DUCTWORK
10. (N) CONCRETE FOOTING, SSD
11. LINE OF (E) CURB
12. 6" CONCRETE EQUIPMENT PAD, SSD
13. 4" MIN GRAVEL INFILL
14. HSS GALVANIZED COLUMN, SSD
15. 2" RIGID INSULATION
16. (N) FILTER SYSTEM, SPD
17. (E) GAS LINE/METER
18. (N) CONCRETE CURB
19. GUTTER STRAP TO MATCH (E)
20. (N) CONCRETE INFILL TO MATCH (E) INCLUDING, BUT NOT LIMITED TO, COMPOSITION SURFACE LEVEL, COLOR+TEXTURE
21. GRAVEL INFILL
22. (E) MANHOLE TO REMAIN
23. LIGHT GAUGE BOXED BEAM, SSD
24. 22 GA GALVANIZED FLASHING TRIM (AESD)
25. 3X3 18 GA GALVANIZED ANGLE CORNER TRIM (AESD)
26. T SHAPE CONCRETE CURB, SSD
27. LIGHT GAUGE BOXED POST, SSD
28. NOTCH STUD/CLADDING/TRIM FLASHING TO MAINTAIN A 1/2" CLEARANCE AROUND (E) WALL MOUNTED GAS LINE
29. (E) WALL MOUNTED GAS LINE

1

1 SECTION

SCALE: 3/4" = 1'-0"

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FILTER EQUIPMENT ENCLOSURE SECTION

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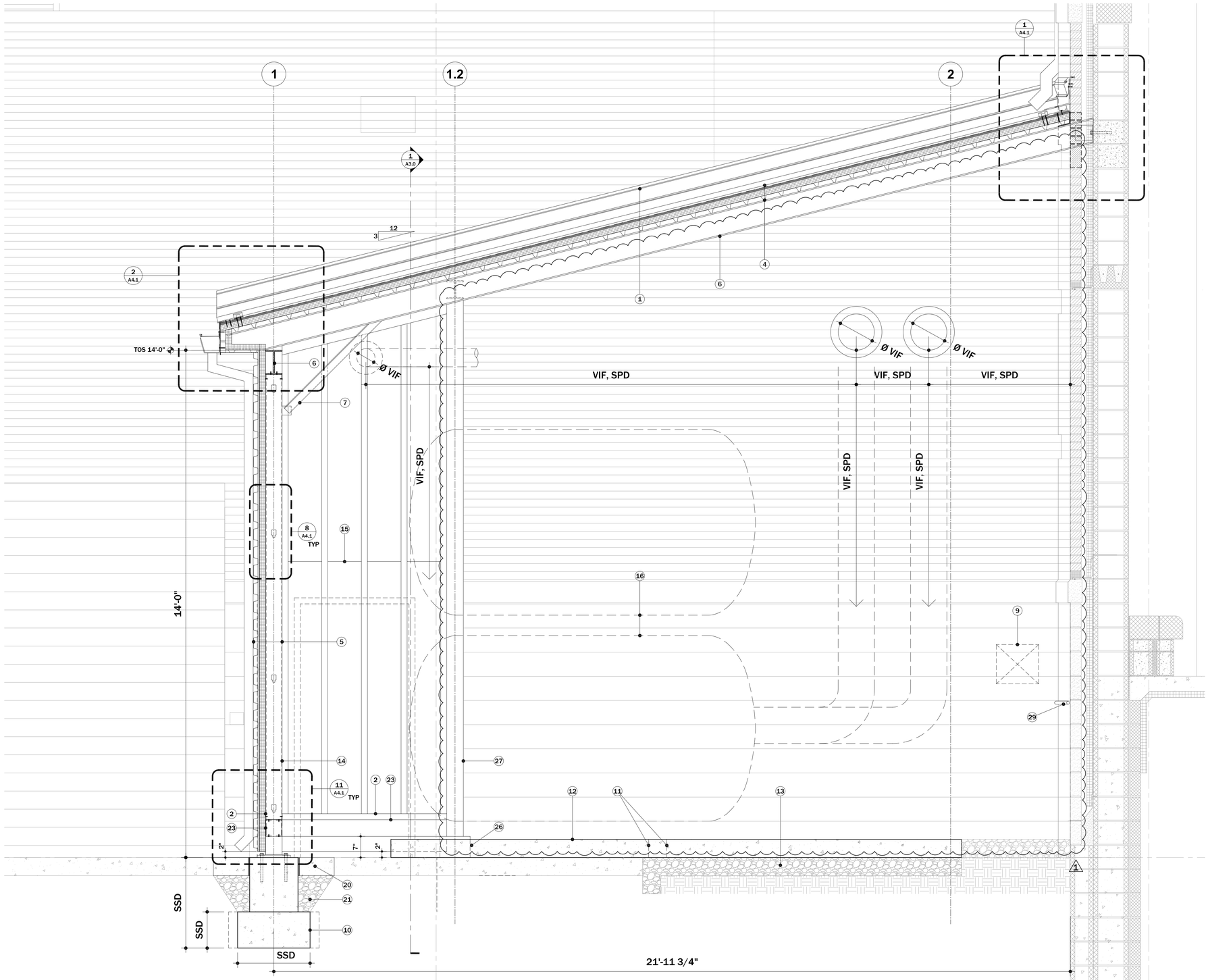
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1 **SECTION**

SCALE: 3/4" = 1'-0"

DRAWING NOTES

1. LIGHT GAUGE METAL TOP TRACK
2. LIGHT GAUGE METAL BOTTOM TRACK
3. C6X13 GALVANIZED BEAM, SSD
4. ROOF ASSEMBLY
   20 GA METAL DECK
   2" SEMI RIGID INSULATION
   5/8" PLYWOOD SHEATHING
   ICE+WATER SHIELD
   METAL STANDING SEAM ROOF PANELS TO MATCH (E)
5. WALL ASSEMBLY
   LIGHT GAUGE METAL STUDS @ 16" OC
   2" RIGID INSULATION
   1/2" SUBGIRT
   22 GA GALVANIZED METAL DECKING W/ DOWN HILL LAP OVER SEALANT (AESD)
6. W8 BEAM/RAFTER, SSD
7. KNEE BRACE, SSD 7,7A/S200
8. RAFTER LATERAL BRACE, SSD 10/S200
9. (E) PHASE 4 DUCTWORK
10. (N) CONCRETE FOOTING, SSD
11. LINE OF (E) CURB
12. 6" CONCRETE EQUIPMENT PAD, SSD
13. 4" MIN GRAVEL INFILL
14. HSS GALVANIZED COLUMN, SSD
15. 2" RIGID INSULATION
16. (N) FILTER SYSTEM, SPD
17. (E) GAS LINE/METER
18. (N) CONCRETE CURB
19. GUTTER STRAP TO MATCH (E)
20. (N) CONCRETE INFILL TO MATCH (E) INCLUDING, BUT NOT LIMITED TO, COMPOSITION SURFACE LEVEL, COLOR+TEXTURE
21. GRAVEL INFILL
22. (E) MANHOLE TO REMAIN
23. LIGHT GAUGE BOXED BEAM, SSD
24. 22 GA GALVANIZED FLASHING TRIM (AESD)
25. 3X3 18 GA GALVANIZED ANGLE CORNER TRIM (AESD)
26. T SHAPE CONCRETE CURB, SSD
27. LIGHT GAUGE BOXED POST, SSD
28. NOTCH STUD/CLADDING/TRIM FLASHING TO MAINTAIN A 1/2" CLEARANCE AROUND (E) WALL MOUNTED GAS LINE
29. (E) WALL MOUNTED GAS LINE

1

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FILTER EQUIPMENT ENCLOSURE SECTION

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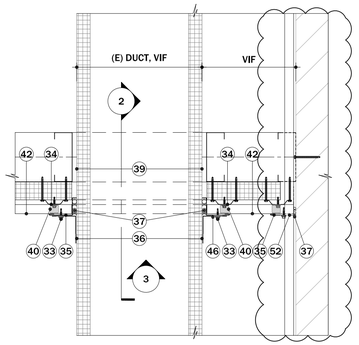
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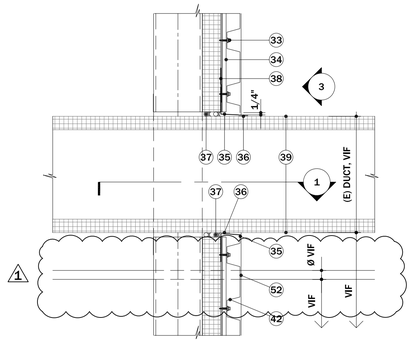
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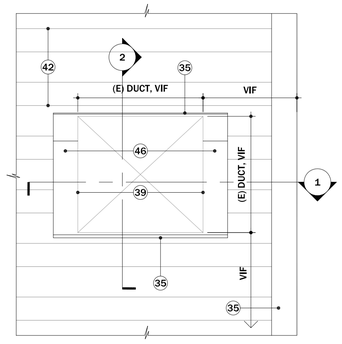
1 (E) DUCT MTL PENETRATION DETAIL

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



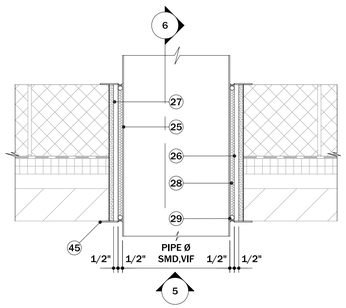
2 (E) DUCT MTL PENETRATION DETAIL

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



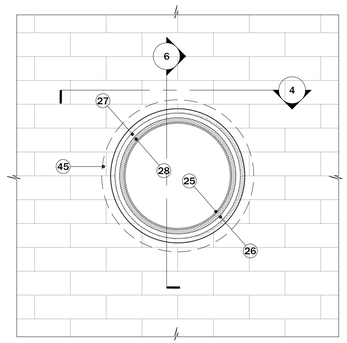
3 (E) DUCT MTL PENETRATION DETAIL

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



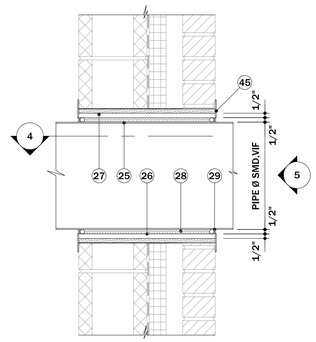
4 (N) MAS PENETRATION, TYP

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



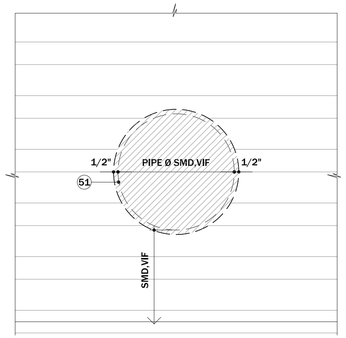
5 (N) MAS PENETRATION, TYP

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



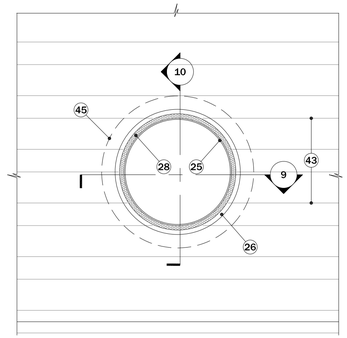
6 (N) MAS PENETRATION, TYP

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



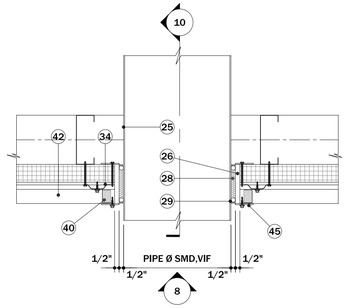
7 (N) MTL PENETRATION, TYP

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



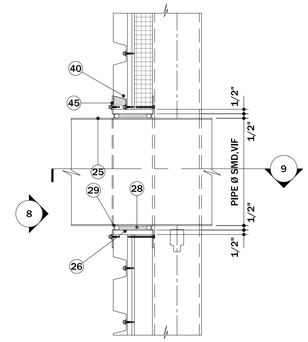
8 (N) MTL PENETRATION, TYP

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



9 (N) MTL PENETRATION, TYP

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



10 (N) MTL PENETRATION, TYP

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

DRAWING NOTES

1. COUNTER FLASHING EMBEDDED IN EXISTING MORTAR JOINT 3/8" X 1 1/2" CUT SLOT WITH LEAD WEDGE+SEALANT
2. ICE+WATER SHIELD
3. HEAD WALL FLASHING
4. Z CLOSURE WITH SEALANT
5. 18 GA (MIN) SUPPORT PLATE
6. METAL PANEL ROOFING SYSTEM PANEL CLIP WITH BEARING PLATE
7. 5/8" PLYWOOD SHEATHING
8. 2" SEMI RIGID INSULATION
9. 20 GA ROOF DECKING, SSD
10. STANDING SEAM METAL ROOFING TO MATCH (E)
11. (E) DOWN SPOUT MODIFIED AS SHOWN
12. COUNTER FLASHING EMBEDDED IN FIELD CUT 3/8" X 1 1/2" SLOT WITH LEAD WEDGE+SEALANT
13. FLASHING
14. FASTENER
15. Z CLOSURE
16. SEALANT AT VERTICAL LEG+UNDER "Z" CLOSURE
17. GUTTER+DOWN SPOUT TO MATCH (E)
18. GALVANIZED METAL FASCIA+SOFFIT
19. METAL FRAMING
20. ADHESIVE ANCHOR, SSD. CONTRACTOR TO "CAREFULLY" DRILL THROUGH EXPOSED FACE OF CMU INTO CAVITY+STOP
21. 6X6X3/8 BRACKET WELDED TO WB, SSD
22. (E) CMU VOID GROUTED SOLID
23. VIF PIPE Ø+2" CLEARANCE HOLE NEATLY CORE DRILLED THROUGH (E) BRICK VENEER+(E) CMU FOR GROUTED PIPE SLEEVE, SPD FOR PIPE SIZE+ LOCATION
24. WB RAFTER
25. (N) EQUIPMENT PIPING, SPD
26. SCHED 40 PVC SLEEVE
27. SOLID GROUT
28. CLOSED CELL SPRAY INSULATION
29. BACKER ROD+FIRE STOP SEALANT
30. (E) INSULATION CAREFULLY REMOVED+REINSTATED AFTER RAFTER IS PLACED
31. (E) WRB TO REMAIN IN PLACE. CAREFULLY CUT (E) WRB TO ALLOW FOR (N) ANCHOR BRACKET ATTACHMENT. APPLY SELF ADHERING BUTYL FLASHING TAPE OVER (N) BRACKETS AND TAPE (E) WRB
32. (N) OPENING THROUGH (E) BRICK VENEER/CAST STONE. BRICK VENEER/CAST STONE TO BE CAREFULLY REMOVED+REINSTATED AFTER RAFTER IS PLACED
33. SELF DRILLING FASTENER W/ EPDM WASHER (AESD)
34. 1/2" DEEP SUBGIRT
35. 22 GA GALVANIZED FLASHING
36. SEALANT
37. ROD AND SEALANT
38. SELF ADHERING BUTYL FLASHING TAPE
39. (E) PHASE 4 DUCTWORK TO REMAIN
40. METAL+FOAM CLOSURE SET IN SEALANT
41. 3X3" 18 GA GALVANIZED ANGLE CORNER TRIM (ASED)
42. TAPE SEALANT @ PANEL LAP
43. 22 GA GALVANIZED METAL DECKING (ASED)
44. 22 GA GALVANIZED DRIP FLASHING (ASED)
45. WALL VENT COLLAR, 28 GA GALVANIZED STEEL. SIZE = SCHED 40 PVC SLEEVE Ø + 2" BEDDED IN SEALANT
46. 22 GA GALVANIZED COUNTER FLASHING (ASED)
47. HOLLOW METAL DOOR FRAME
48. 4x7" GALVANIZED STEEL INSULATED DOOR(S), PTD.
49. 3X3/8" GALVANIZED STEEL PLATE JAMB EXTENSION, WELDED TO HSS COLUMN FOR DOOR FRAME ATTACHMENT
50. 8X1/4" GALVANIZED STEEL PLATE HEAD EXTENSION, FASTENED TO BOX HEADER WITH SELF TAPPING SCREWS
51. OUTLINE OF (N) PROPOSED ITEM
52. NOTCH STUD TO ALLOW FOR CLEARANCE OF (E) WALL MOUNTED GAS LINE. NOTCH STUD/CLADDING/TRIM FLASHING TO MAINTAIN A 1/2" CLEARANCE AROUND GAS LINE.



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DULLES SOUTH RECREATION CENTER PHASE 5 - POOL FILTER MEDIA UPGRADES

24950 RIDING CENTER DR
SOUTH RIDING, VA 20152

No.:	Revision:	Date:
	75% CD	08.10.20
	95% CD	09.04.20
	PERMIT	10.14.20
	FOR BID	02.01.21
	Addendum 1	xx.xx.xx

Seal:

Sheet Title:

FILTER EQUIPMENT ENCLOSURE (N) WORK DETAILS

Graphic Scale: As Shown

Drawn By: PA

Checked by: KR

Sheet No.

A 4.2

Print 24 X 36 for full scale