

Design Notes

Roof A1

1. Re-Slope 1.5% Min. To Scupper Box c/w open down-pipe at SW corner.
2. Back-Slope as required for positive drainage.

Roof C1

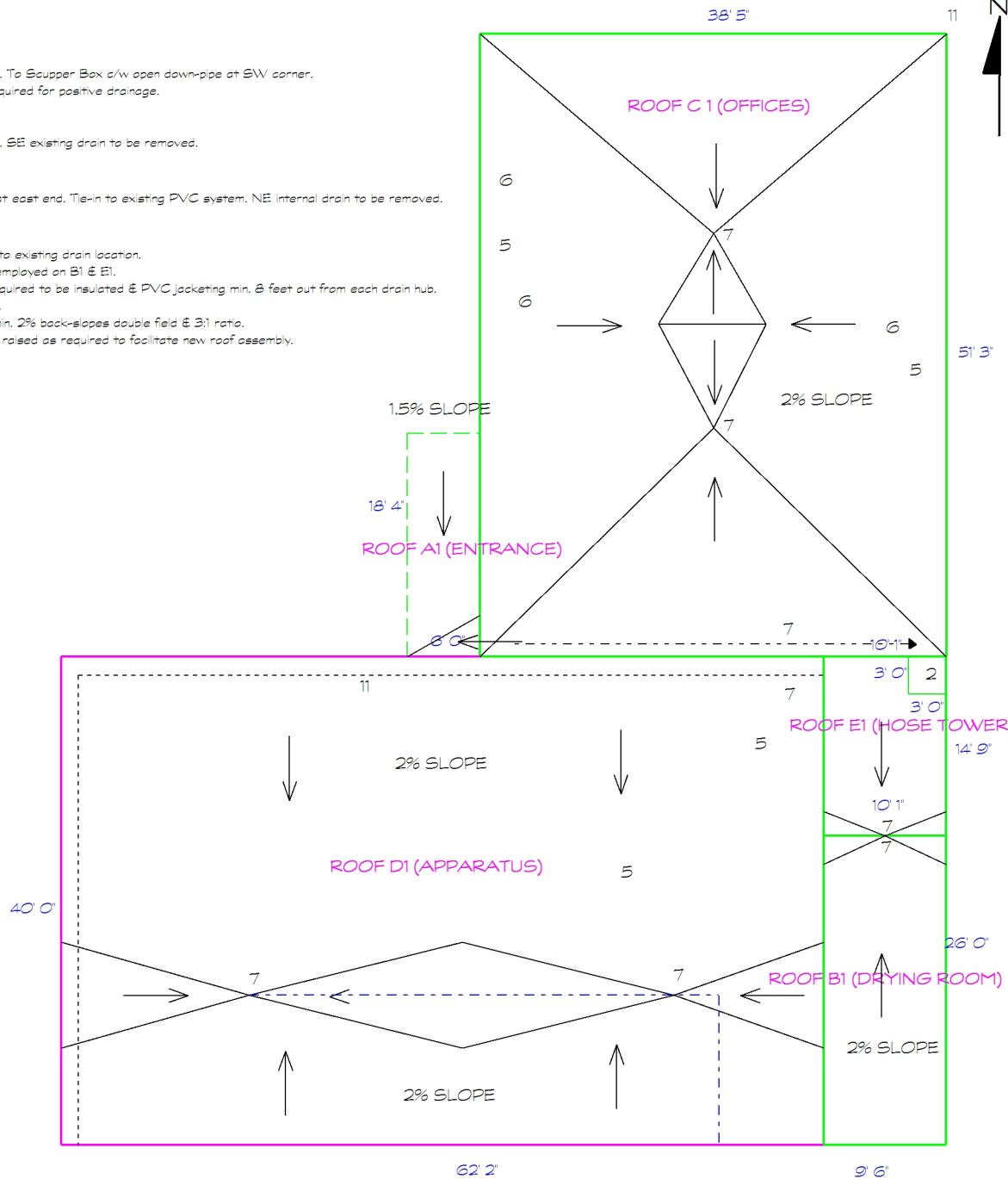
1. New internal drains. SE existing drain to be removed.

Roof D1

1. New internal drain at east end. Tie-in to existing PVC system. NE internal drain to be removed.

Roof E1

1. Provide back-slope to existing drain location.
2. Drain insert to be employed on B1 & E1.
3. All drain lines as required to be insulated & PVC jacketing min. 8 feet out from each drain hub. New lines as required.
4. Typical field slope min. 2% back-slopes double field @ 3:1 ratio.
5. All perimeter to be raised as required to facilitate new roof assembly.



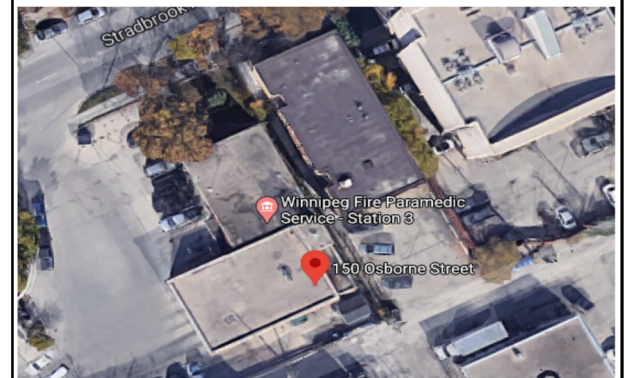
ROOF DRAINAGE PLAN

Keynote Legend

- | | |
|--------------------|---------------------------|
| 1. CORE SAMPLE | 19. FLAG POLE |
| 2. CHIMNEY | 20. ELECTRICAL MAST |
| 3. A/C UNIT | 21. COOLING TOWER |
| 4. SIGN SUPPORT | 22. SPLASH PAD |
| 5. VENTILATOR | 23. SPLASH PAN |
| 6. VENT PIPE | 24. DOWN SPOUT |
| 7. ROOF DRAIN | 25. BACK SLOPE |
| 8. SKYLIGHT | 26. CANT |
| 9. EAVESTROUGH | 27. SLOPE TO DRAIN |
| 10. PLUMBING STACK | 28. CRICKET |
| 11. ANTENNA | 29. PARAPET/WIDE FLASHING |
| 12. LADDER | 30. SAFETY LINE ANCHOR |
| 13. ATTIC VENT | 31. LIGHT POLES |
| 14. ROOF HATCH | 32. GARAGE EXHAUST FAN |
| 15. SCUPPER | 33. KITCHEN EXHAUST FAN |
| 16. PITCH BOX | 34. GOOSE NECK |
| 17. HVAC UNIT | 35. EXHAUST VENT |
| 18. CAPPED CURB | 36. OVERFLOW SCUPPER |

Legend

- Gravel Stop Edge
- Wall (12" Wide Coping Stone)
- Wall (14" Wide Coping Stone)
- - - - - Radio Cable & Antenna By Owner
- - - - - E/C Conduit Disengage & Re-Install By Owner
- - - - - Existing PVC Drain Line



QCA Building Envelope Ltd.

1295 Pembina Highway Winnipeg, MB R3T 2B0
Tel: (204) 371-0996

Project **WFPS Firehall # 4**
150 Osborne Street, Winnipeg MB

Client City of Winnipeg

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