


 one eighth inch = one foot  

 one quarter inch = one foot  

 three eighths inch = one foot  

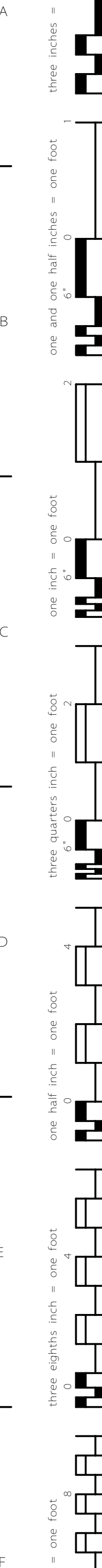
 one half inch = one foot  

 three quarters inch = one foot  

 one inch = one foot  

 one and one half inches = one foot  

 three inches = one foot

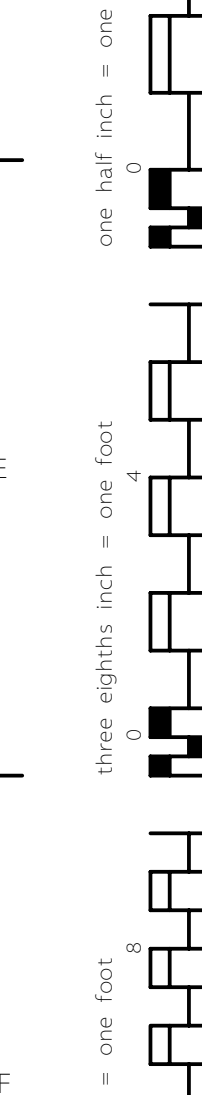


one and one half inches = one foot

three inches =

one inch = one foot  
6" 0 2

A diagram of a rectangular box. The vertical side is labeled "4" with the word "foot" below it. The horizontal side is labeled "3" with the word "foot" below it.



1

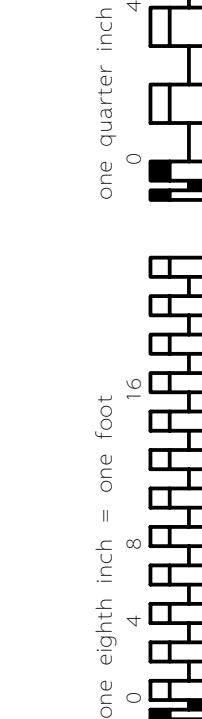
one and one half inches = one foot

three inches =

one inch = one foot  
6" 0 2

A diagram of a rectangular box. The vertical side is labeled "4" with the word "foot" below it. The horizontal side is labeled "3" with the word "foot" below it.

one half inch = one  
0





three inches = one foot  
one and one half inches = one foot

one inch = one foot  
three quarters inch = one foot

one inch = one foot  
three quarters inch = one foot

one inch = one foot  
three quarters inch = one foot

three quarters inch = one foot  
one eighth inch = one foot

three quarters inch = one foot  
one eighth inch = one foot

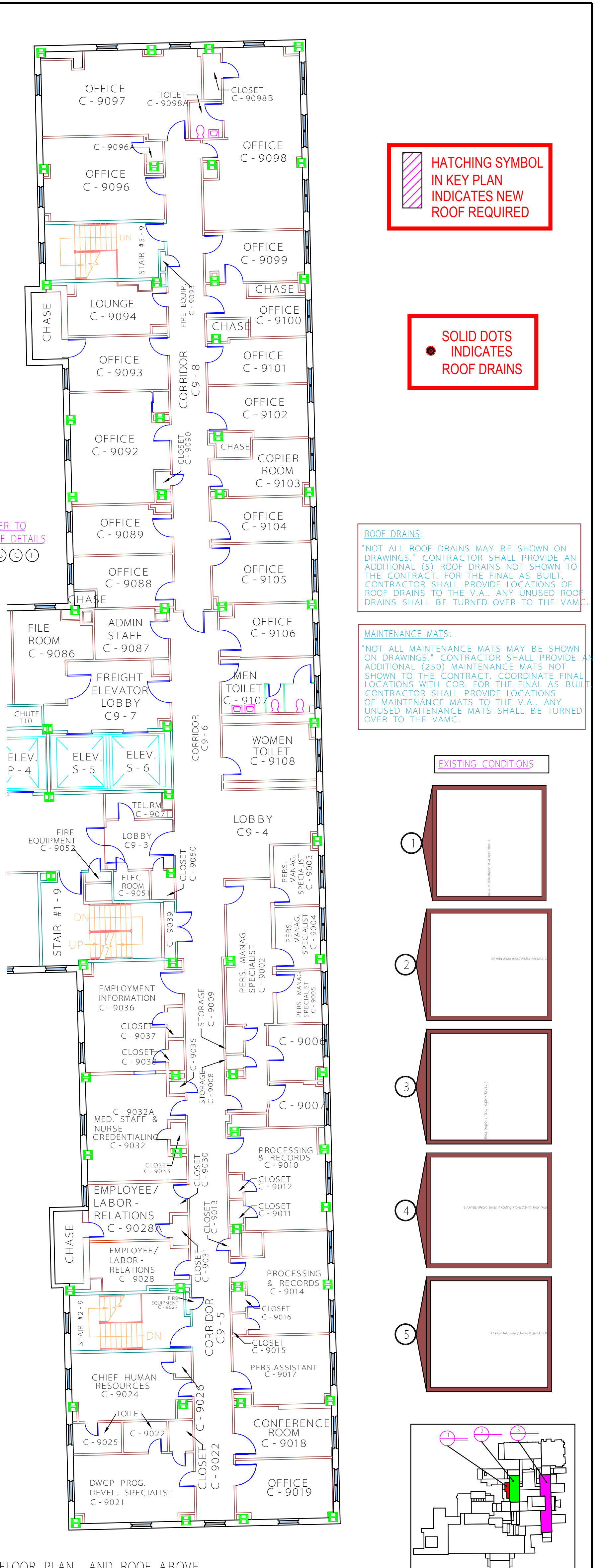
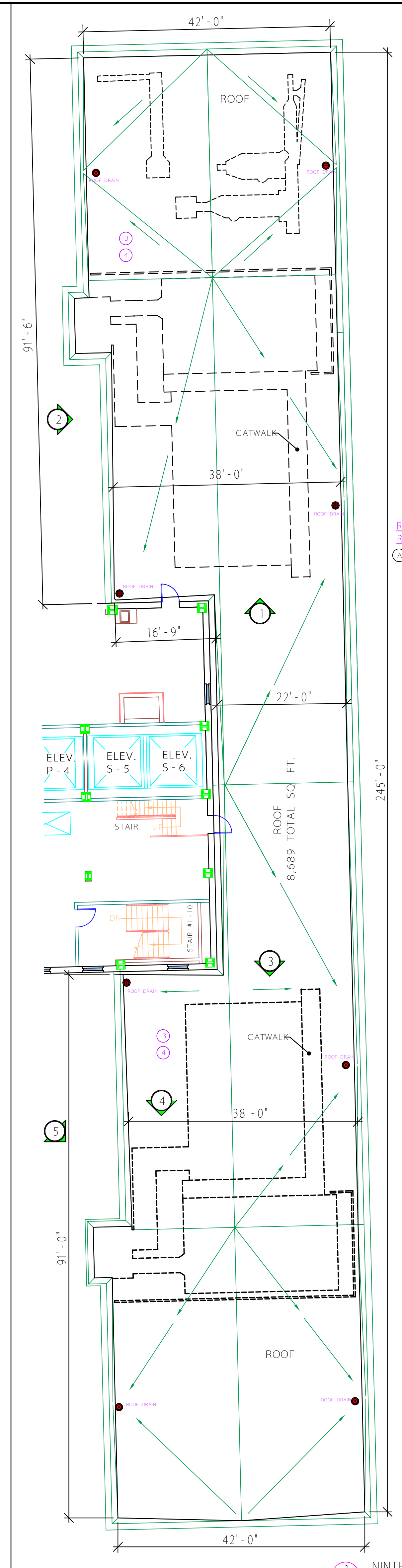
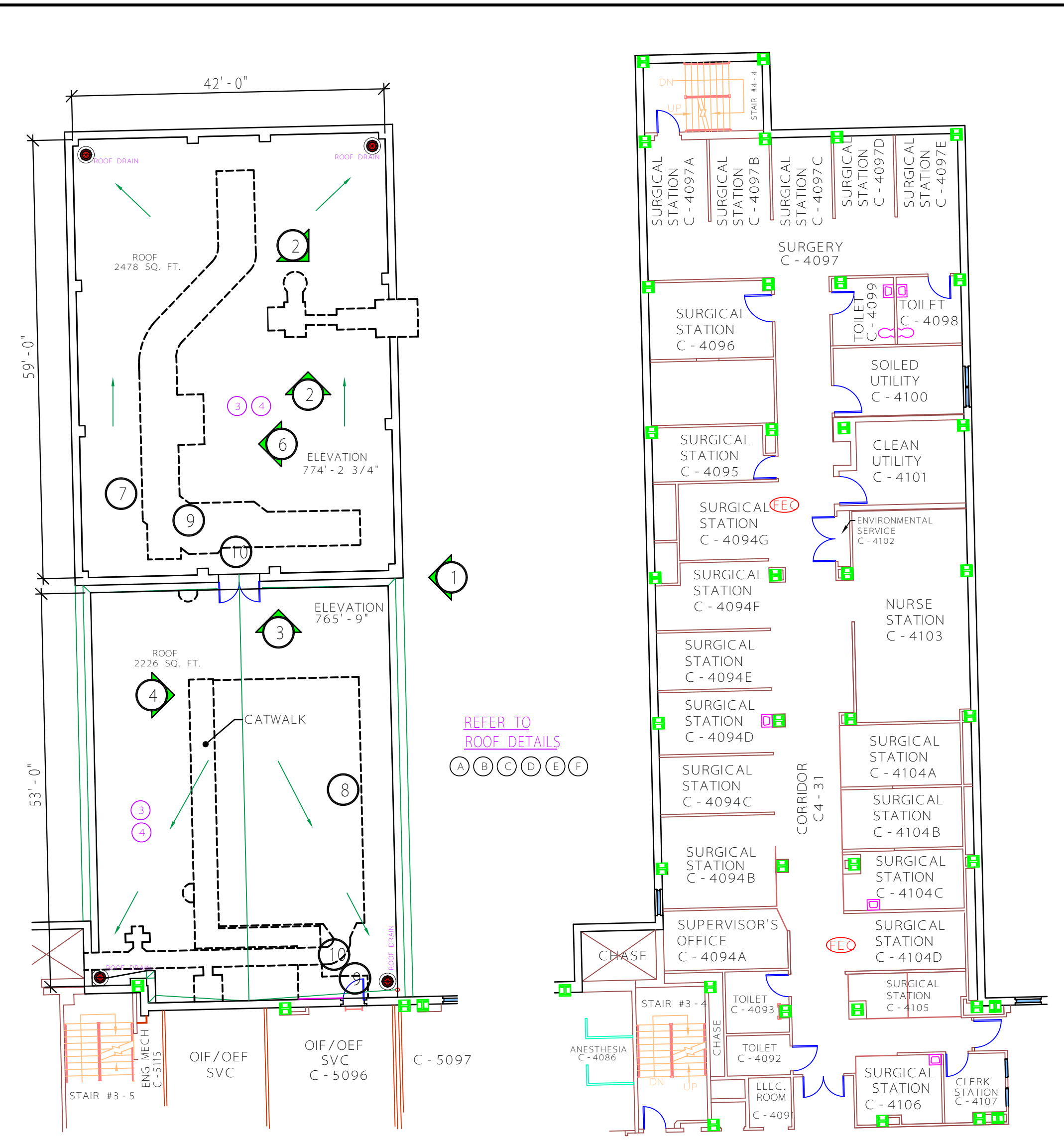
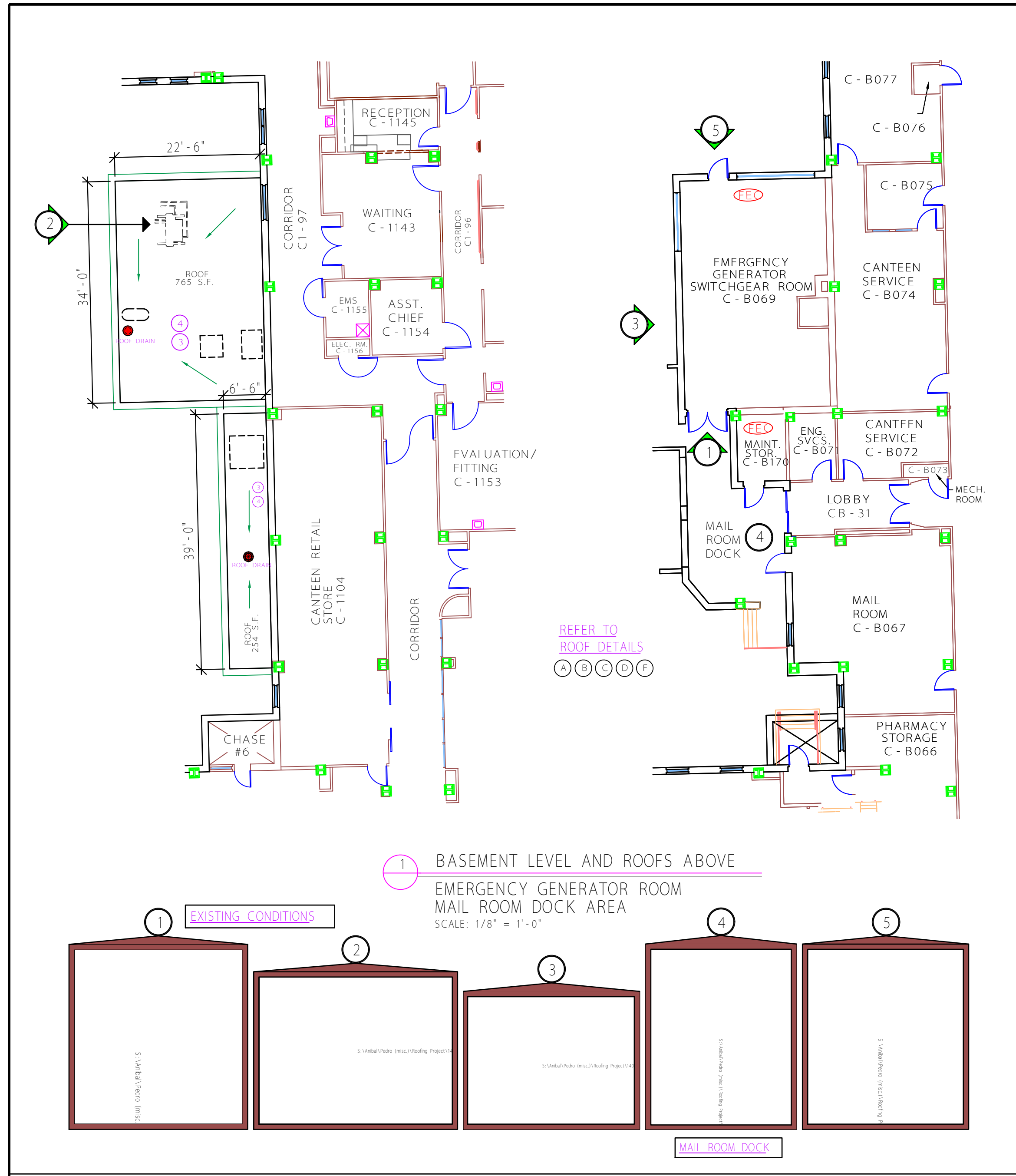
three quarters inch = one foot  
one eighth inch = one foot

three quarters inch = one foot  
one eighth inch = one foot

three quarters inch = one foot  
one eighth inch = one foot

three quarters inch = one foot  
one eighth inch = one foot

three quarters inch = one foot  
one eighth inch = one foot



**GENERAL NOTES:**

- COORDINATE ALL UTILITY / EQUIPMENT SHUTDOWNS WITH COR AND VA ENGINEERING ONE WEEK PRIOR TO DISCONNECTION. FORMS MUST BE FILLED OUT AND IN PLACE WITH VA ENGINEERING.
- DISCONNECT, REMOVE AND REINSTALL EXISTING ELECTRICAL, HVAC, PLUMBING, EQUIPMENT, ETC; INCLUDING BUT NOT LIMITED TO CONDUITS, WIRING, RAILING, STRUCTURAL MATERIAL AND LIGHTING PROTECTION.
- REFER TO ROOF DETAIL ON THIS SHEET FOR ADDITIONAL INFORMATION; INCLUDING EXISTING CONDUIT SUPPORTS AND PENETRATIONS. ALL ROOF PENETRATIONS SHALL BE SEALED FROM PEST/INSECT/WATER/FIRE PROTECTION.
- CONTRACTOR SHALL SUBMIT DETAILED INSTALLATION DRAWINGS AND AS-BUILT FOR ALL ROOF REPLACEMENTS AS SHOWN AND SPECIFIED. DRAWINGS SHALL THE SUPPLIER, WARRANTY UNDERWRITER AND CONTRACTOR.
- CONTRACTOR SHALL PROVIDE MAINTENANCE WALKWAYS AS SHOWN, AND SPECIFIED IN DRAWINGS. DETAILS AND PHOTOS. WALKWAYS SHALL BE 30" WIDE BY 60" LONG MAX SECTION, 3/8" THICK, INSTALLED PER MANUF. SPEC.
- CRANE LOCATIONS SHALL BE COORDINATED ONE WEEK PRIOR TO ARRIVAL.
- REMOVE AND REPLACE ALL ROOF DRAINS UP TO 5'-0". COORDINATE ABOVE CEILING WORK WITH COR SO THAT NOTIFICATION CAN BE PROVIDED TO THE SERVICE BELOW. INFECTION CONTROL BARRIERS ARE REQUIRED FOR WORKING INSIDE HOSPITAL AND ABOVE CEILING WORK.
- PROVIDE NEW FLASHING IN ALL ROOF PENETRATIONS.

**GENERAL DEMOLITION NOTES:**

- HATCHED AREA INDICATES PROJECT AREA (ROOF SYSTEM TO BE REMOVED DOWN TO METAL OR CONCRETE DECKS AND REPLACED) WITH NEW R40 THERMO PLASTIC MEMBRANE (PVC) ROOF SYSTEM. ALL MATERIALS TO BE REMOVED BY CONTRACTOR FROM SITE.
- ONLY REMOVE PORTIONS OF ROOF AREA SUCH THAT NEW ROOF CAN BE REINSTALLED BY THE END OF THE DAY. WORK AFTER HOURS WILL NEED TO BE APPROVED BY COR AND COORDINATED WITH VA POLICE AND VA CHILLER PLANT OPERATORS.
- SEAL ALL WALL MASONRY WHICH ARE PERPENDICULAR TO ROOF (TO AVOID PEST/INSECT/WATER FROM PENETRATING DOWN THE WALL. IF APPLICABLE, WHEN ROOF IS DEMOLISHED, CONCRETE DECK SHALL BE SEAL COATED AND EPOXY COATED TO SEAL ALL CRACKS IN DECK. REMOVE DAMAGED CAPSTONE. PROVIDE UP TO 100 PIECES PER 1000 SQUARE FOOT OF ROOF AREA.
- REMOVE AND REINSTALL NEW ROOF DRAINS IN PROJECT HATCHED AREA. REPLACEMENT OF DRAINS SHALL BE COORDINATED WITH COR AND VA ENGINEERING, TO ACCESS FLOOR BELOW DIRECTLY BELOW WHICH DRAIN ENTERS IN THE HOSPITAL. PROVIDE SLOPE DRAINAGE DRAWING PRIOR TO INSTALLATION.
- SCUPPERS SHALL BE REPLACED WITH NEW SCUPPERS PER DETAIL AND SPECIFICATIONS, IF APPLICABLE TO EITHER WEST 10TH STREET.
- REMOVE OBSOLETE EQUIPMENT CURBS, RAILS, PENETRATIONS, COPING AND OTHER DAMAGED ROOF MATERIALS.
- REMOVE/REPLACE ALL MECHANICAL/ELECTRICAL IN THE WAY OF THE REMOVAL OF EXISTING AND INSTALLATION OF NEW ROOF.

**UTILITY SHUT DOWNS:**

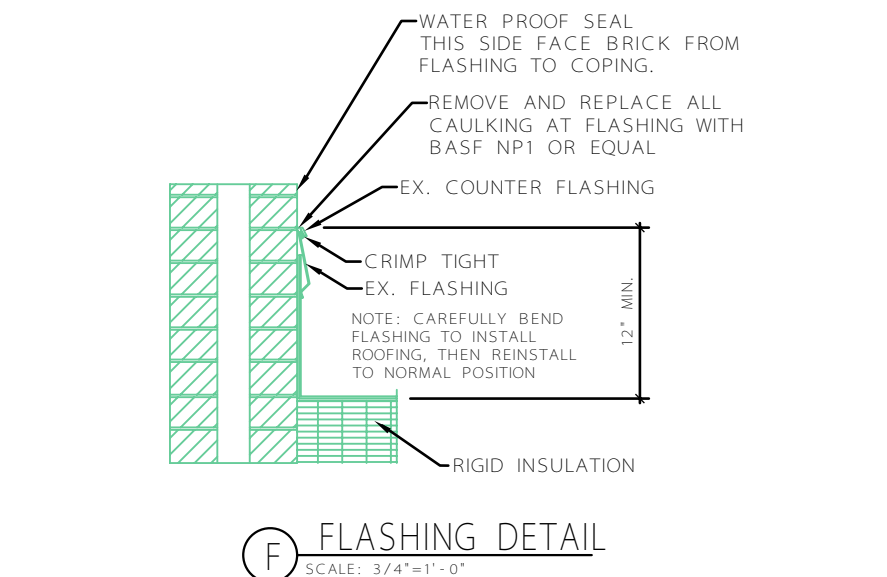
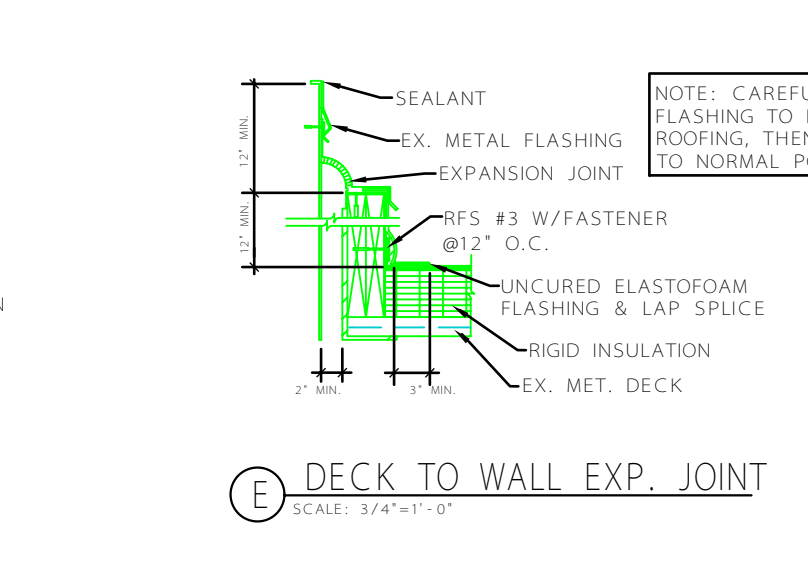
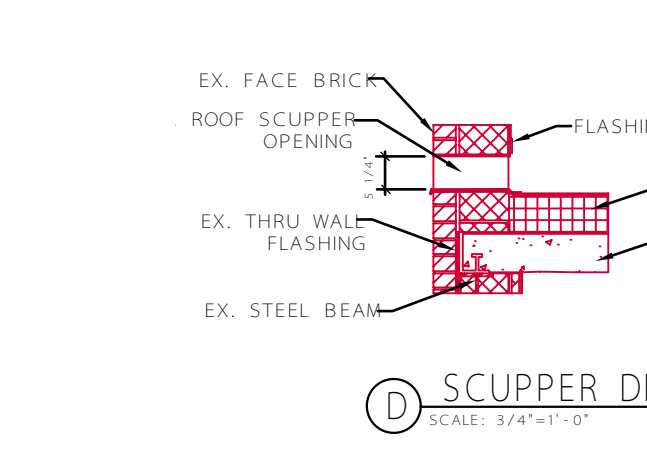
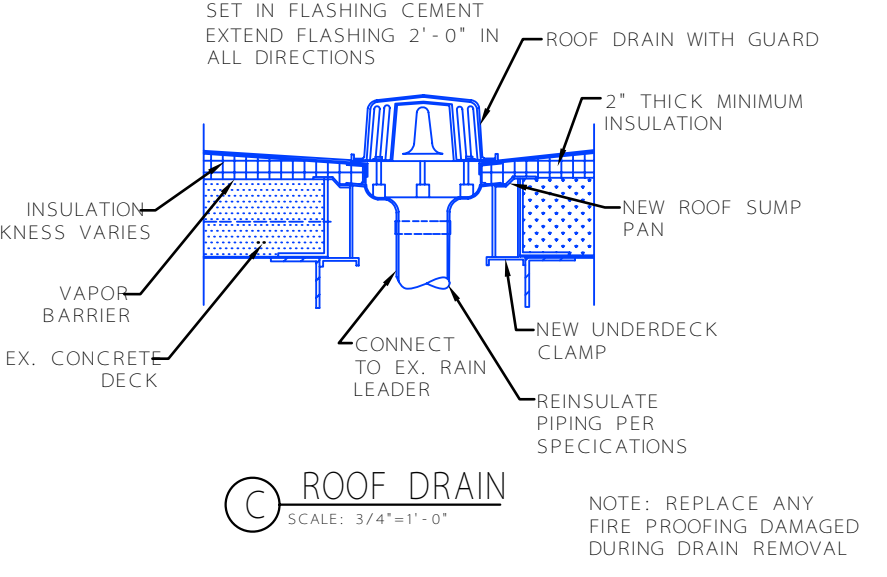
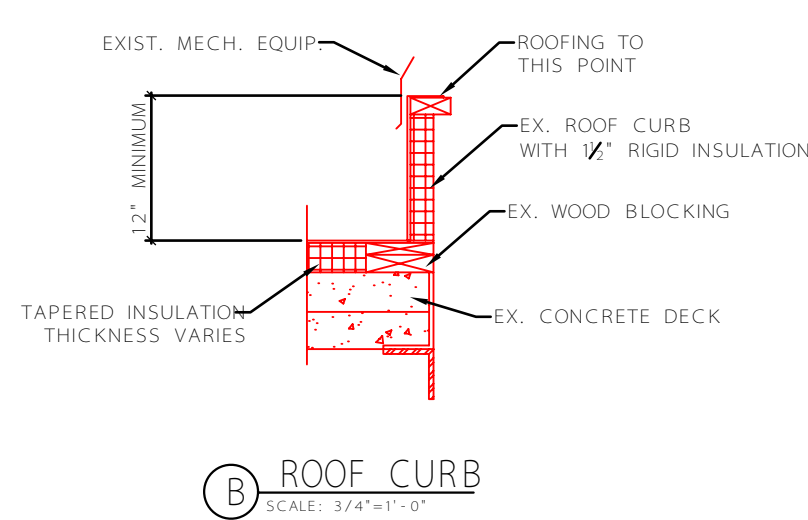
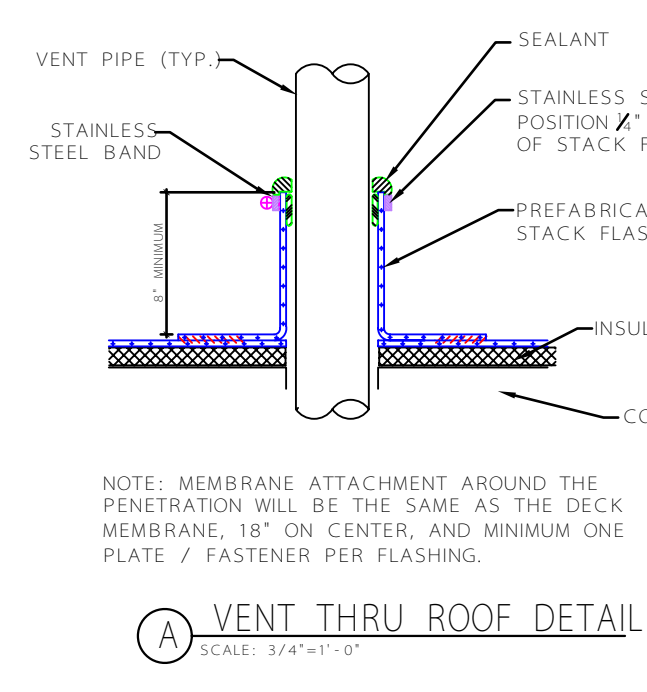
- PROVIDE ONE WEEK NOTIFICATION TO COR FOR SHUT DOWN OF AIR INTAKE VENTS AND ASSOCIATED AIR HANDLING UNIT. NO SPRAYING OF PRODUCTS UNLESS V.A. INSPECTOR IS ON SITE WITH CONTRACTOR AND AIR INTAKES ARE COVERED. SCHEDULE SHUT DOWN AROUND HOSPITAL OPERATIONS AND THIS MAY NEED TO BE EVENINGS OR WEEKEND WORK.
- PROVIDE TEMPORARY BACK-UP SYSTEMS (EMERGENCY GENERATORS, CRITICAL EXHAUST OR AIR HANDLING SYSTEMS) FOR PROLONGED UTILITY SHUTDOWNS, NO EXCEPTIONS GIVEN WITHOUT COR APPROVAL.

**NEW CONSTRUCTION NOTES:** (NOT ALL NOTES ARE USED)

- LOCATION OF NEW PARAPET RAILING AS REQUIRED. COORDINATE EXACT LOCATION.
- LOCATION OF NEW CATWALK AS REQUIRED. COORDINATE EXACT LOCATION.
- LOCATION OF NEW ROOF DRAINS AS REQUIRED.
- LOCATION OF MAINTENANCE MATS. COORDINATE AROUND EQUIPMENT.
- LOCATION OF EXISTING SCUPPERS TO BE REPLACED WITH NEW.
- LOCATION OF NEW ROOF ACCESS AS REQUIRED.

**NOT ALL ROOF DRAINS ARE SHOWN ON DRAWING. CONTRACTOR SHALL FIELD VERIFY.**

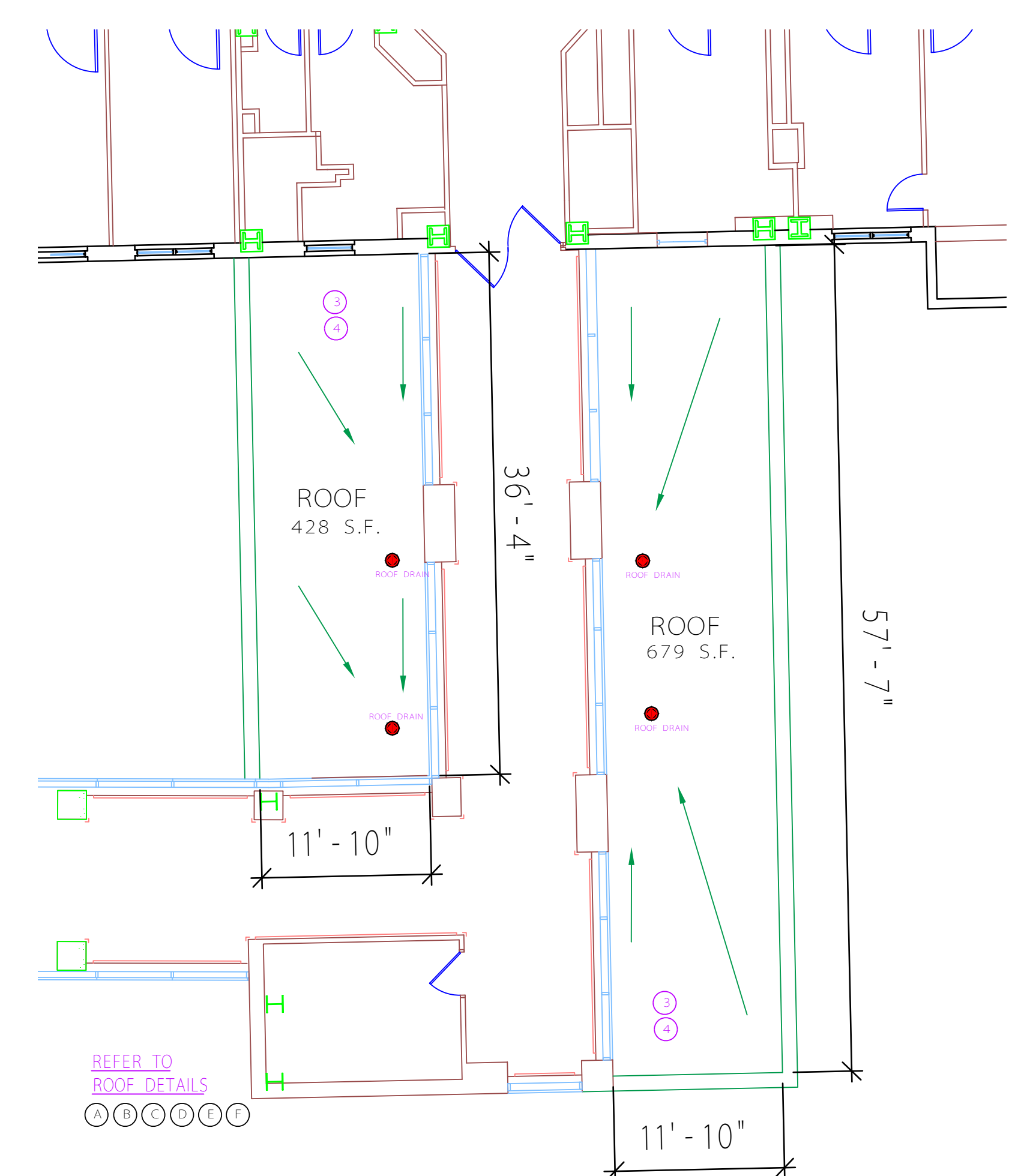
**NOT ALL EQUIPMENT HAVE BEEN PHOTOGRAPHED. CONTRACTOR SHALL FIELD VERIFY.**



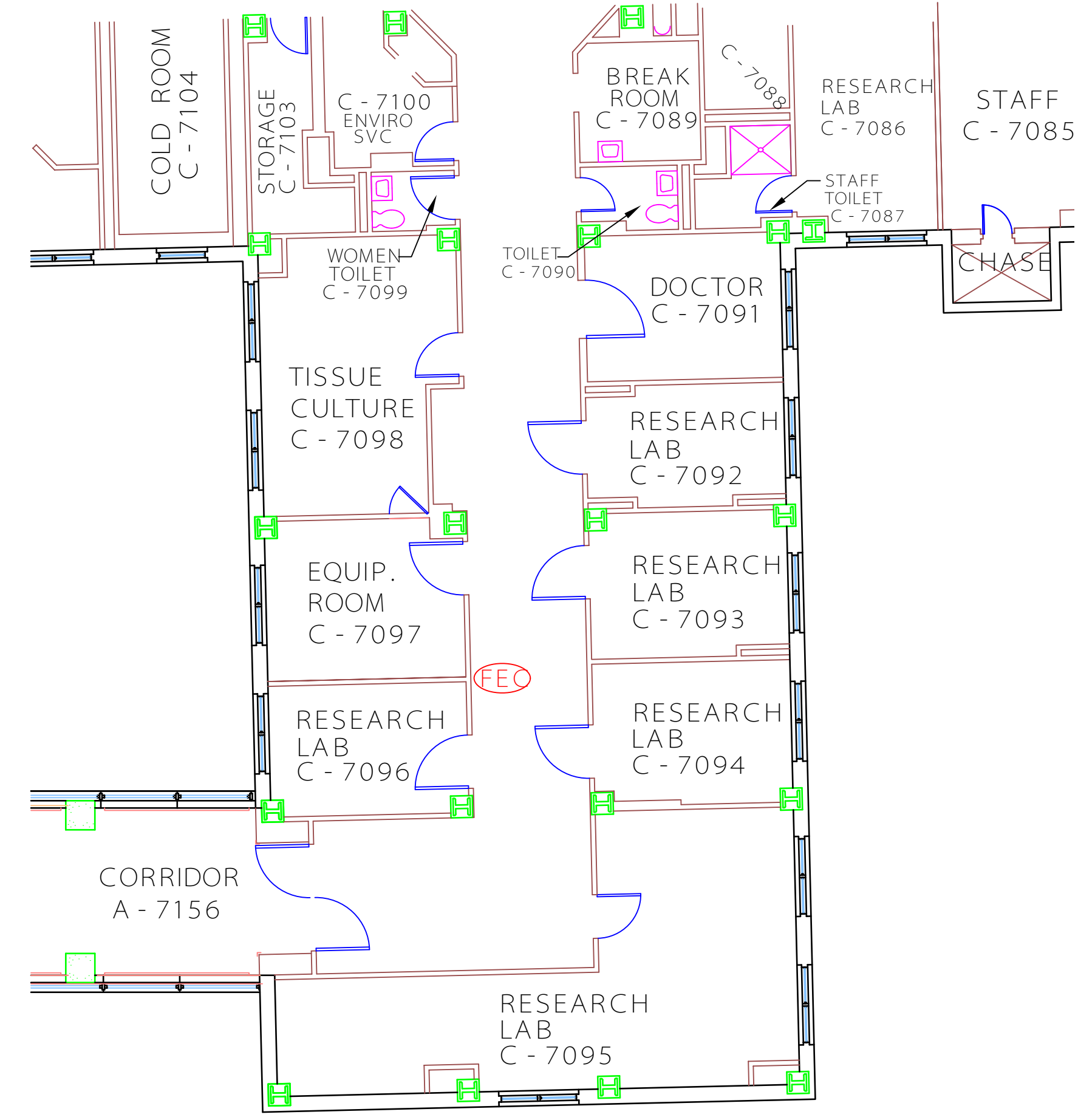
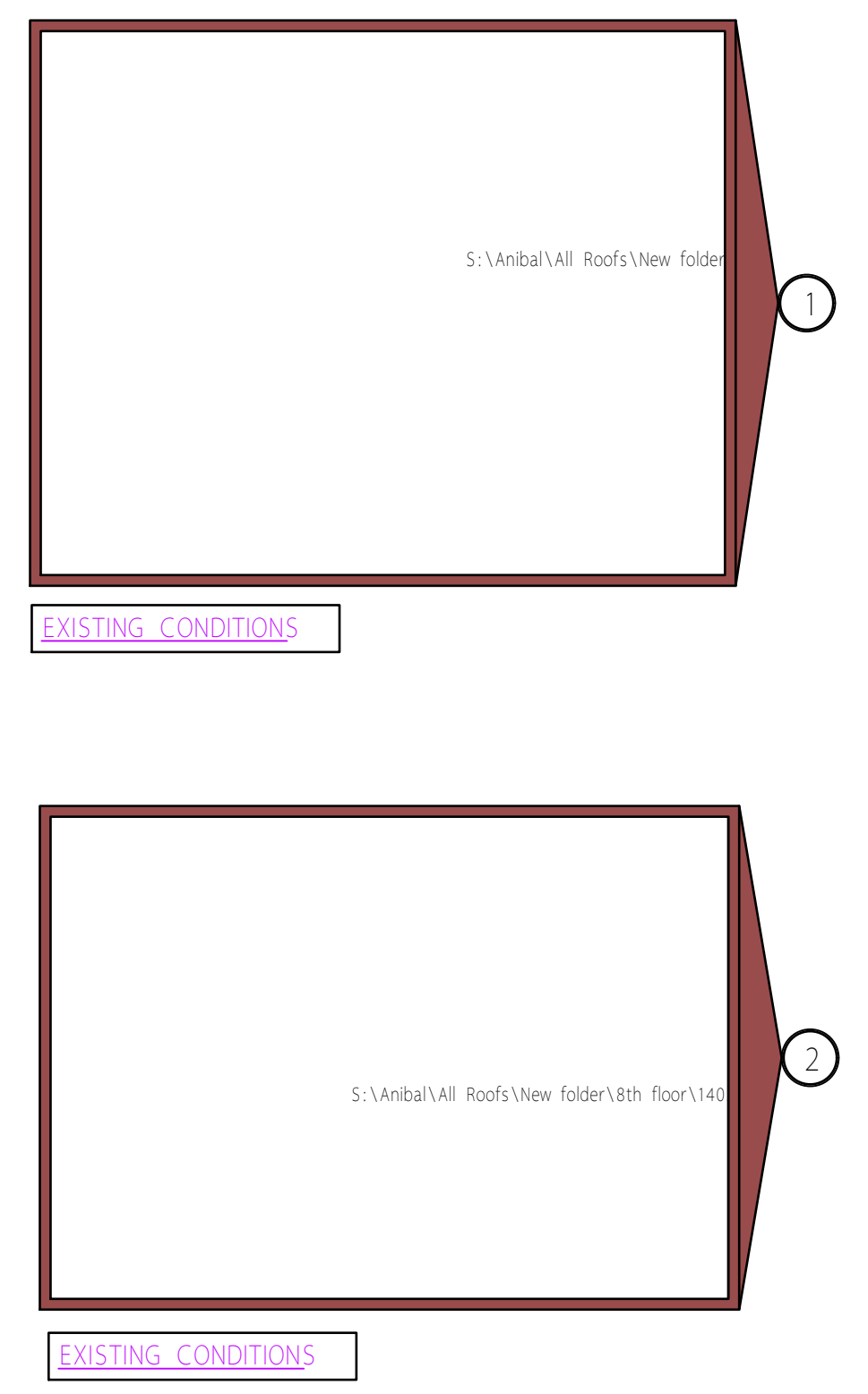
Revisions:	Date:	PLOT DATE:	ADDRESS:	NORTH REFERENCE:	PROJECT ENGINEER:	PROJECT MANAGER:	DRAWN BY:	Drawing Title:	Project Title:	Project Number:	Engineering and Facilities Management Services
1. REVISIONS OF ROOF SLOPE ARROWS	12-15-2015	PLOT DATE: MAY 13, 2014	Richard L. Roudebush VA Medical Center 1481 W. 10th St. Indianapolis, Indiana 46202		PEDRO MARISTELA	GERALD MOORE	A. FERNANDEZ	ARCHITECTUARL ROOF AND FLOOR PLANS (SDS, HR/EMT, and C-SOUTH GENERATOR)	REPLACE ROOFS - BUILDING 1 (P)	583-16-123	Department of Veterans Affairs
		CAD DRAWING FILE LOCATION: S:\PEDRO\FY14 PROJECTS\REPLACE ROOFS - BUILDING 1 (PVC)						Approved: Project Director	Location: WEST TENTH STREET	Building Number: BUILDING #1	
									Date: MAY 13, 2014	Drawing Number: A-101	
									Checked: AF	Dwg. 2 of 1	



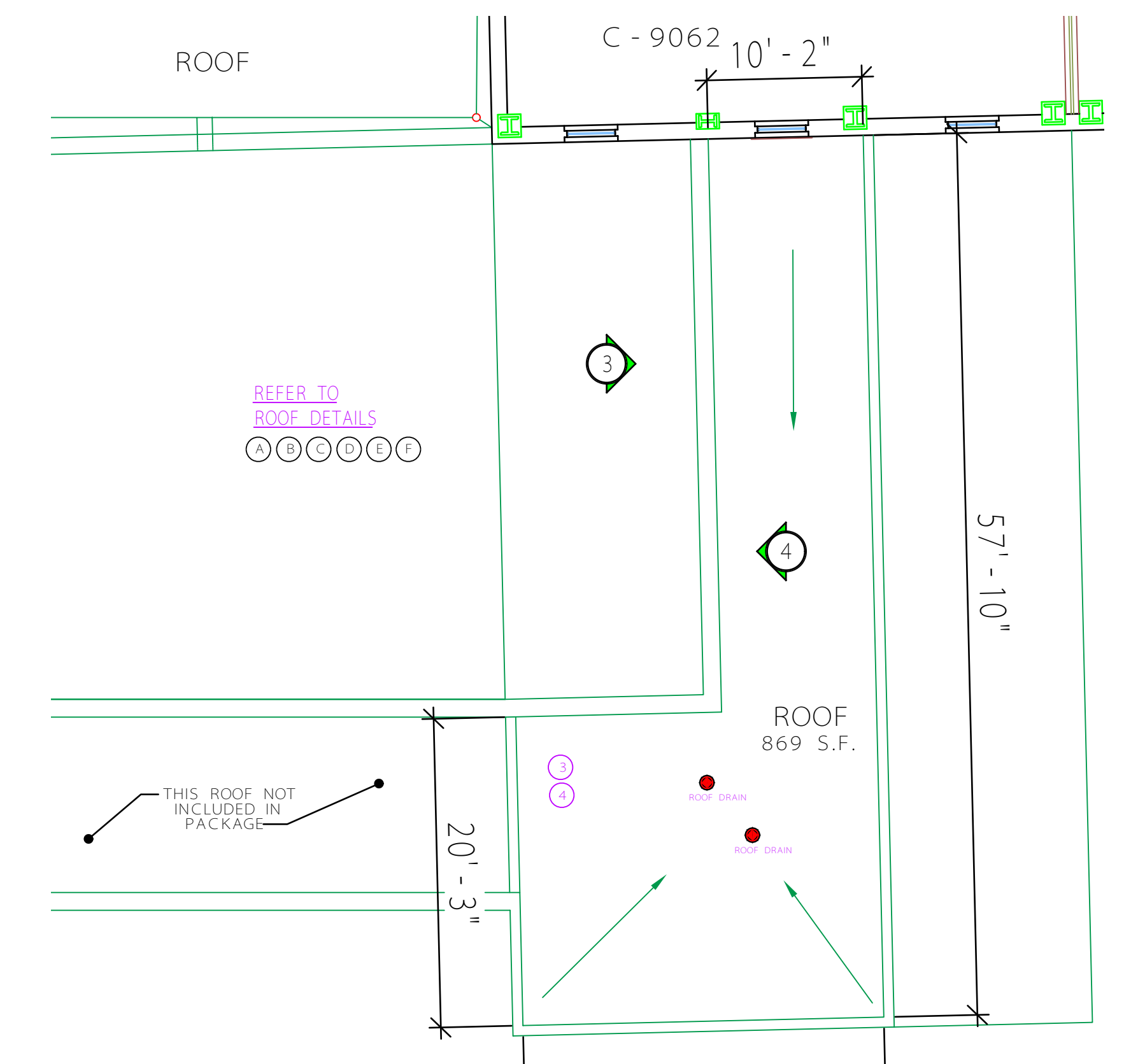
three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



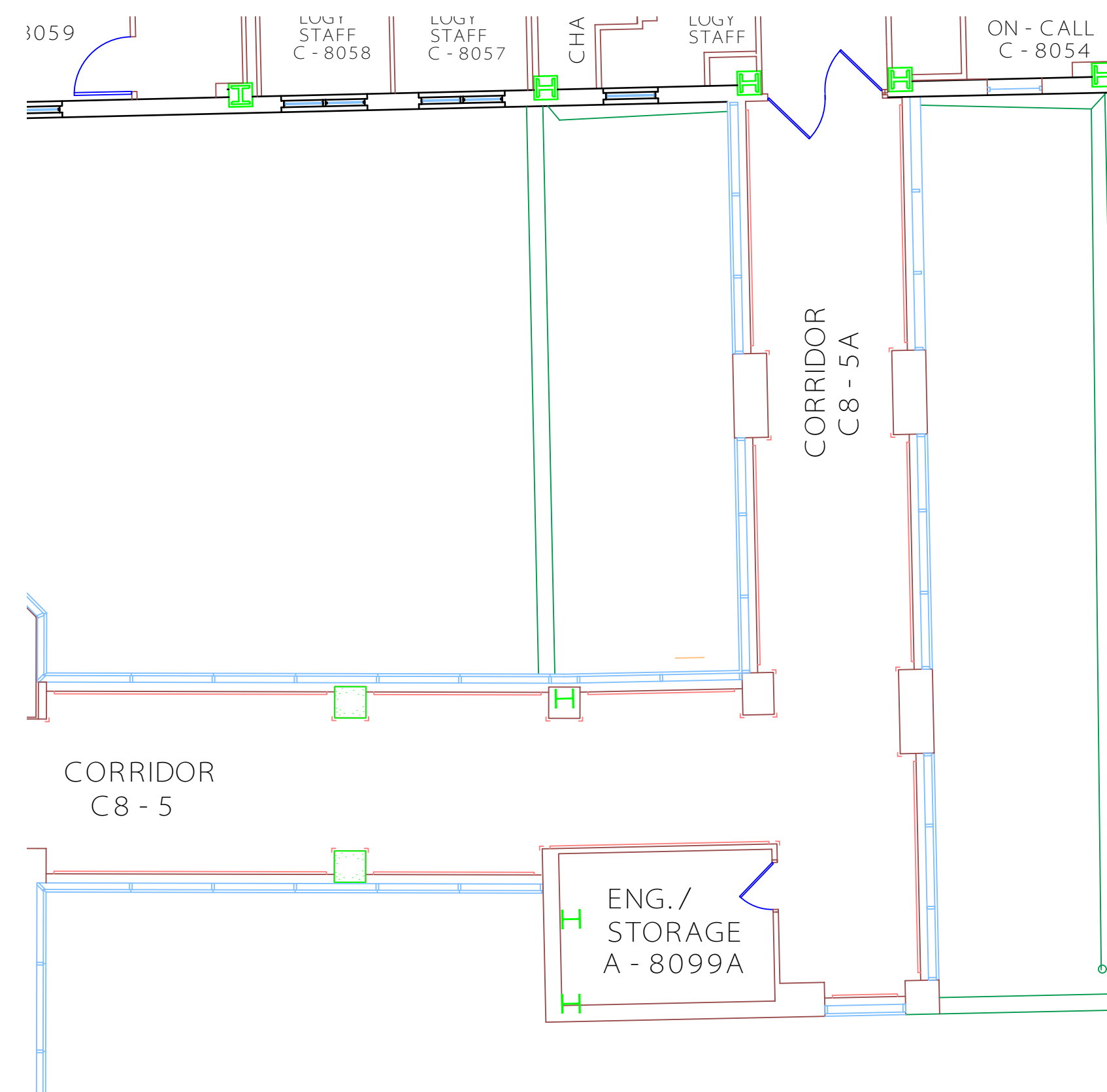
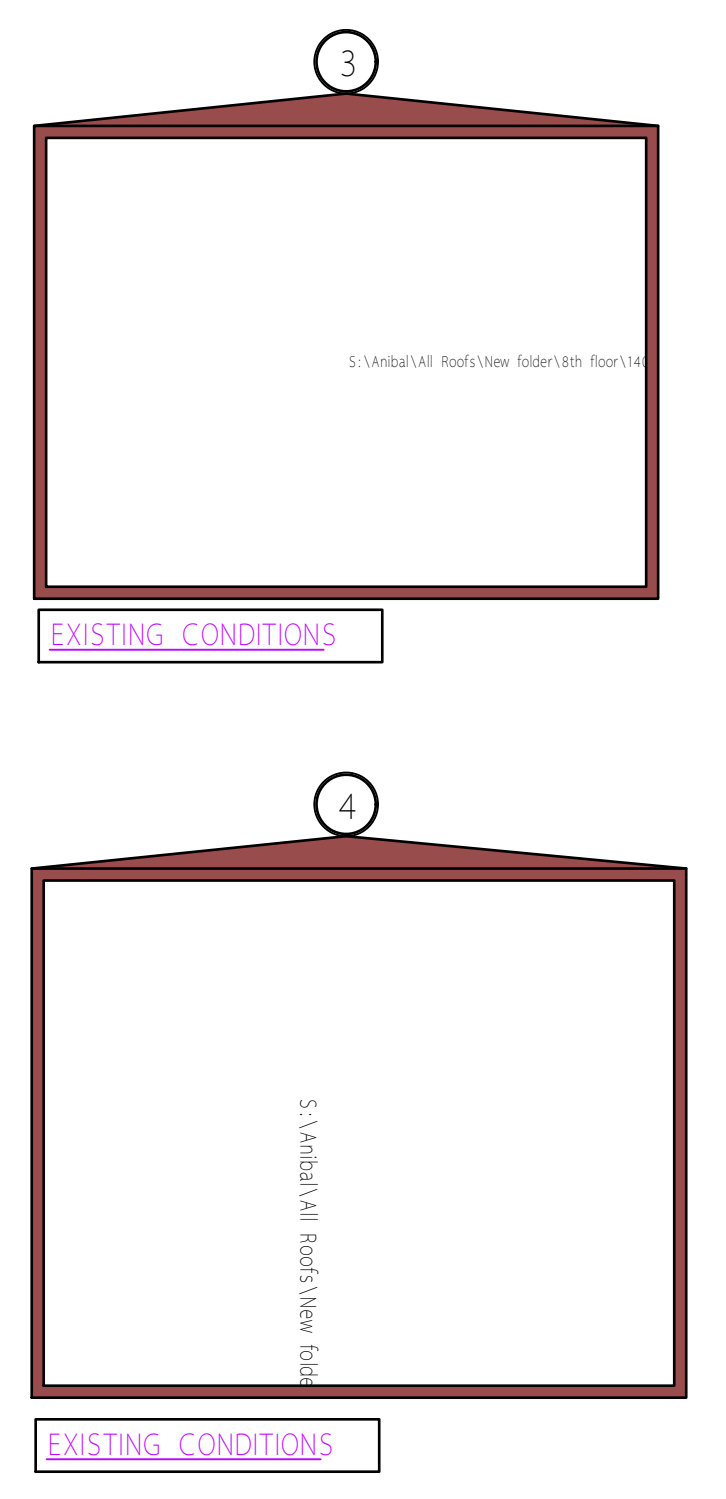
1 EIGHTH FLOOR ROOF PLAN (DRAINS)  
RESEARCH LAB  
SCALE: 1/8" = 1'-0"



1 SEVENTH FLOOR PLAN (LEVEL BELOW ROOF)  
RESEARCH LAB  
SCALE: 1/8" = 1'-0"



2 NINTH FLOOR ROOF PLAN (DRAINS)  
CORRIDOR C8-5A  
SCALE: 1/8" = 1'-0"



2 NINTH FLOOR PLAN (LEVEL BELOW ROOF)  
CORRIDOR C8-5A  
SCALE: 1/8" = 1'-0"

COORDINATE ALL  
WALKING MATS  
WITH COR.

MAINTENANCE MATS  
WILL BE INSTALLED  
SURROUNDING ALL  
MECHANICAL EQUIPMENT.  
PROVIDE UP TO 250.  
ADDITIONAL MAINTENANCE  
MATS NOT SHOWN ON  
DRAWINGS.

HATCHING SYMBOL  
IN KEY PLAN  
INDICATES NEW  
ROOF REQUIRED

GENERAL NOTES:

- COORDINATE ALL UTILITY / EQUIPMENT SHUTDOWNS WITH COR AND VA ENGINEERING ONE WEEK PRIOR TO DISCONNECTION. FORMS MUST BE FILLED OUT AND IN PLACE WITH VA ENGINEERING.
- DISCONNECT, REMOVE AND REINSTALL EXISTING ELECTRICAL, HVAC, PLUMBING, EQUIPMENT, ETC., INCLUDING BUT NOT LIMITED TO CONDUITS, WIRING, RAILING, STRUCTURAL MATERIAL AND LIGHTING PROTECTION.
- REFER TO ROOF DETAIL ON THIS SHEET FOR ADDITIONAL INFORMATION, INCLUDING EXISTING CONDUIT SUPPORTS AND PENETRATIONS. ALL ROOF PENETRATIONS SHALL BE SEALED FROM PEST / INSECT / WATER.
- CONTRACTOR SHALL SUBMIT DETAILED INSTALLATION DRAWINGS AND AS-BUILT FOR ALL ROOF REPLACEMENTS AS SHOWN AND SPECIFIED. DRAWINGS SHALL THE SUPPLIER, WARRANTY UNDERWRITER AND CONTRACTOR.
- CONTRACTOR SHALL PROVIDE MAINTENANCE WALKWAYS AS SHOWN, AND SPECIFIED IN DRAWINGS, DETAILS AND PHOTOS. WALKWAYS SHALL BE 30" WIDE BY 60" LONG MAX SECTION, 3mm THICK, INSTALLED PER MANUF. SPEC.
- CRANE LOCATIONS SHALL BE COORDINATED ONE WEEK PRIOR TO ARRIVAL.
- REMOVE AND REPLACE ALL ROOF DRAINS UP TO 5'-0". COORDINATE ABOVE CEILING WORK WITH COR SO THAT NOTIFICATION CAN BE PROVIDED TO THE SERVICE BELOW. INFECTION CONTROL BARRIERS ARE REQUIRED FOR WORKING INSIDE HOSPITAL AND ABOVE CEILING WORK.
- PROVIDE NEW FLASHING IN ALL ROOF PENETRATIONS.

GENERAL DEMOLITION NOTES:

- HATCHED AREA INDICATES PROJECT AREA (ROOF SYSTEM TO BE REMOVED DOWN TO METAL OR CONCRETE DECKS AND REPLACED) WITH NEW R40 THERMO PLASTIC MEMBRANE (PVC) ROOF SYSTEM. ALL MATERIALS TO BE REMOVED BY CONTRACTOR FROM SITE.
- ONLY REMOVE PORTIONS OF ROOF AREA SUCH THAT NEW ROOF CAN BE REINSTALLED BY THE END OF THE DAY. WORK AFTER HOURS WILL NEED TO BE APPROVED BY COR AND COORDINATED WITH VA POLICE AND VA CHILLER PLANT OPERATORS.
- SEAL ALL WALL MASONRY WHICH ARE PERPENDICULAR TO ROOF (TO AVOID PEST/INSECT/WATER FROM PENETRATING DOWN THE WALL. IF APPLICABLE, WHEN ROOF IS DEMOISHED, CONCRETE DECK SHALL BE SEAL COATED AND EPOXY COATED TO SEAL ALL CRACKS IN DECK. REMOVE DAMAGED CAPSTONE. PROVIDE UP TO 100 PIECES PER 1000 SQUARE FOOT OF ROOF AREA.
- REMOVE AND REINSTALL NEW ROOF DRAINS IN PROJECT HATCHED AREA. REPLACEMENT OF DRAINS SHALL BE COORDINATED WITH COR AND VA ENGINEERING, TO ACCESS FLOOR BELOW DIRECTLY BELOW WHICH DRAIN ENTERS IN THE HOSPITAL. PROVIDE SLOPE DRAINAGE DRAWINGS PRIOR TO INSTALLATION.
- SCUPPERS SHALL BE REPLACED WITH NEW SCUPPERS PER DETAIL AND SPECIFICATIONS, IF APPLICABLE TO EITHER WEST 10TH STREET.
- REMOVE OBSOLETE EQUIPMENT CURBS, RAILS, PENETRATIONS, COPING AND OTHER DAMAGED ROOF MATERIALS.
- REMOVE/REPLACE ALL MECHANICAL/ELECTRICAL IN THE WAY OF THE REMOVAL OF EXISTING AND INSTALLATION OF NEW ROOF.

UTILITY SHUT DOWNS:

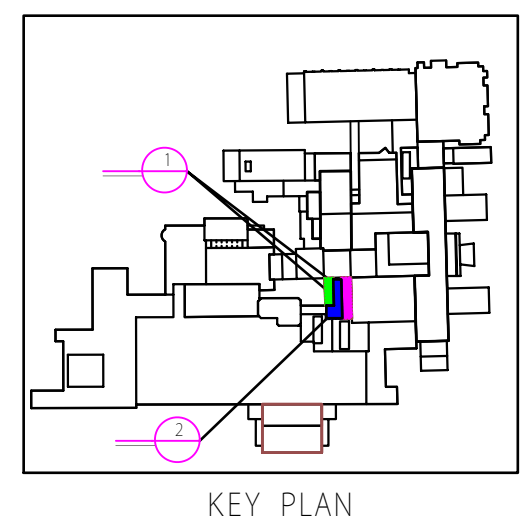
- PROVIDE ONE WEEK NOTIFICATION TO COR FOR SHUT DOWN OF AIR INTAKE VENTS AND ASSOCIATED AIR HANDLING UNIT. NO SPRAYING OF PRODUCTS UNLESS V.A. INSPECTOR IS ON SITE WITH CONTRACTOR AND AIR INTAKES ARE COVERED. SCHEDULE SHUT DOWN AROUND HOSPITAL OPERATIONS AND THIS MAY NEED TO BE EVENINGS OR WEEKEND WORK.
- PROVIDE TEMPORARY BACK-UP SYSTEMS (EMERGENCY GENERATORS, CRITICAL EXHAUST OR AIR HANDLING SYSTEMS) FOR PROLONGED UTILITY SHUTDOWNS, NO EXCEPTIONS GIVEN WITHOUT COR APPROVAL.

NEW CONSTRUCTION NOTES: (NOT ALL NOTES ARE USED)

- LOCATION OF NEW PARAPET RAILING AS REQUIRED. COORDINATE EXACT LOCATION.
- LOCATION OF NEW CATWALK AS REQUIRED. COORDINATE EXACT LOCATION.
- LOCATION OF NEW ROOF DRAINS AS REQUIRED.
- LOCATION OF MAINTENANCE MATS. COORDINATE AROUND EQUIPMENT.
- LOCATION OF EXISTING SCUPPERS TO BE REPLACED WITH NEW.
- LOCATION OF NEW ROOF ACCESS AS REQUIRED.

NOT ALL ROOF DRAINS  
ARE SHOWN ON DRAWINGS.  
CONTRACTOR SHALL  
FIELD VERIFY.

NOT ALL EQUIPMENT HAVE  
BEEN PHOTOGRAPHED.  
CONTRACTOR SHALL  
FIELD VERIFY.



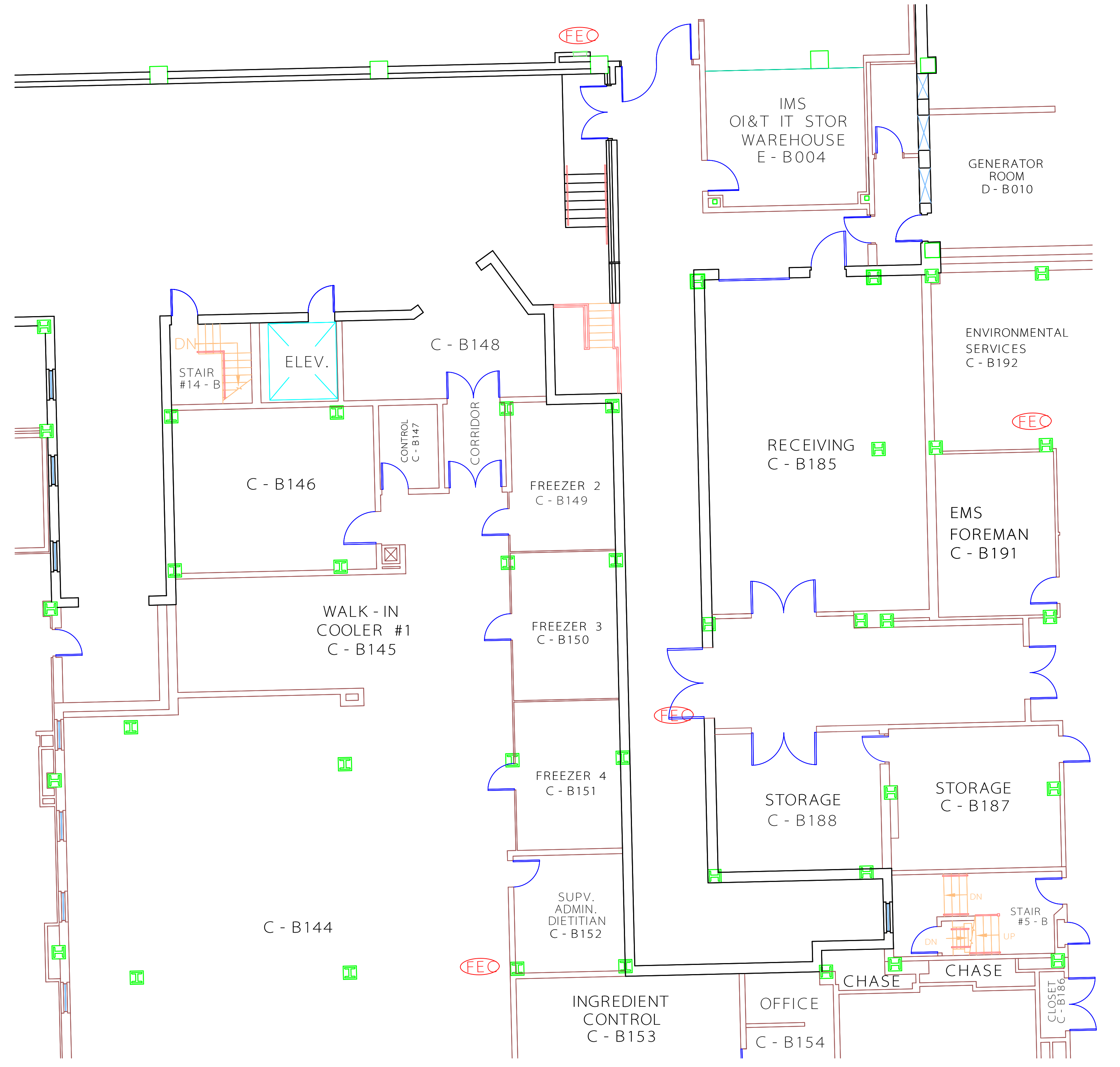
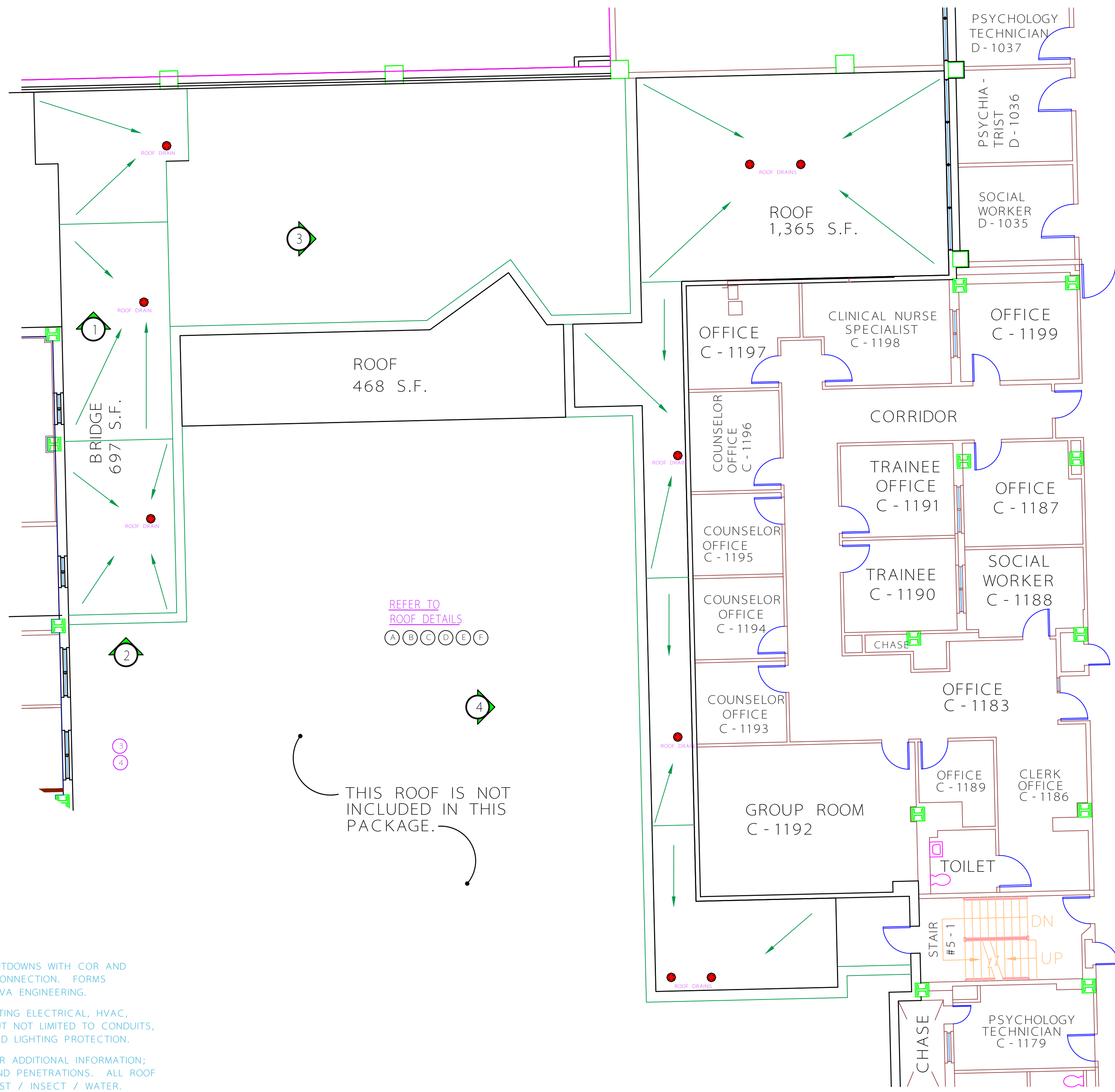
Revisions: REVISIONS OF ROOF SLOPE ARROWS	Date 12-15-2015	PLOT DATE: MAY 13, 2014	ADDRESS: Richard L. Roudebush VA Medical Center 1481 W. 10th St. Indianapolis, Indiana 46202	NORTH REFERENCE 	PROJECT ENGINEER: PEDRO MARISTELA	PROJECT MANAGER: GERALD MOORE	DRAWN BY: A. FERNANDEZ	Drawing Title ARCHITECTUARL ROOF AND FLOOR PLANS (7th and 8th FLOOR A-WING)	Project Title REPLACE ROOFS - BUILDING 1 (P)	Project Number 583-16-123 Building Number BUILDING #1	Engineering and Facilities Management Services
		CAD DRAWING FILE LOCATION: S:\PEDRO\FY14 PROJECTS\REPLACE ROOFS - BUILDING 1 (PVC)						Approved: Project Director	Location WEST TENTH STREET	Drawing Number A-102 7FY014	Department of Veterans Affairs
									Date MAY 13, 2014	Checked AF	Dwg. 3 10of







three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one quarter inch = one foot  
three eighths inch = one foot  
one eighth inch = one foot



GENERAL NOTES:

- COORDINATE ALL UTILITY / EQUIPMENT SHUTDOWNS WITH COR AND VA ENGINEERING ONE WEEK PRIOR TO DISCONNECTION. FORMS MUST BE FILLED OUT AND IN PLACE WITH VA ENGINEERING.
- DISCONNECT, REMOVE AND REINSTALL EXISTING ELECTRICAL, HVAC, PLUMBING, EQUIPMENT, ETC., INCLUDING BUT NOT LIMITED TO CONDUITS, WIRING, RAILING, STRUCTURAL MATERIAL AND LIGHTING PROTECTION.
- REFER TO ROOF DETAIL ON THIS SHEET FOR ADDITIONAL INFORMATION, INCLUDING EXISTING CONDUIT SUPPORTS AND PENETRATIONS. ALL ROOF PENETRATIONS SHALL BE SEALED FROM PEST / INSECT / WATER.
- CONTRACTOR SHALL SUBMIT DETAILED INSTALLATION DRAWINGS AND AS-BUILT FOR ALL ROOF REPLACEMENTS AS SHOWN AND SPECIFIED. DRAWINGS SHALL THE SUPPLIER, WARRANTY UNDERWRITER AND CONTRACTOR.
- CONTRACTOR SHALL PROVIDE MAINTENANCE WALKWAYS AS SHOWN, AND SPECIFIED IN DRAWINGS, DETAILS AND PHOTOS. WALKWAYS SHALL BE 30" WIDE BY 60" LONG MAX SECTION, 3mm THICK, INSTALLED PER MANUF. SPEC.
- CRANE LOCATIONS SHALL BE COORDINATED ONE WEEK PRIOR TO ARRIVAL.
- REMOVE AND REPLACE ALL ROOF DRAINS UP TO 5'-0". COORDINATE ABOVE CEILING WORK WITH COR SO THAT NOTIFICATION CAN BE PROVIDED TO THE SERVICE BELOW. INFECTION CONTROL BARRIERS ARE REQUIRED FOR WORKING INSIDE HOSPITAL AND ABOVE CEILING WORK.
- PROVIDE NEW FLASHING IN ALL ROOF PENETRATIONS.

GENERAL DEMOLITION NOTES:

- HATCHED AREA INDICATES PROJECT AREA (ROOF SYSTEM TO BE REMOVED DOWN TO METAL OR CONCRETE DECKS AND REPLACED) WITH NEW R40 THERMO PLASTIC MEMBRANE (PVC) ROOF SYSTEM. ALL MATERIALS TO BE REMOVED BY CONTRACTOR FROM SITE.
- ONLY REMOVE PORTIONS OF ROOF AREA SUCH THAT NEW ROOF CAN BE REINSTALLED BY THE END OF THE DAY. WORK AFTER HOURS WILL NEED TO BE APPROVED BY COR AND COORDINATED WITH VA POLICE AND VA CHILLER PLANT OPERATORS.
- SEAL ALL WALL MASONRY WHICH ARE PERPENDICULAR TO ROOF (TO AVOID PEST/INSECT/WATER FROM PENETRATING DOWN THE WALL. IF APPLICABLE, WHEN ROOF IS DEMOLISHED, CONCRETE DECK SHALL BE SEAL COATED AND EPOXY COATED TO SEAL ALL CRACKS IN DECK. REMOVE DAMAGED CAPSTONE. PROVIDE UP TO 100 PIECES PER 1000 SQUARE FOOT OF ROOF AREA.
- REMOVE AND REINSTALL NEW ROOF DRAINS IN PROJECT HATCHED AREA. REPLACEMENT OF DRAINS SHALL BE COORDINATED WITH COR AND VA ENGINEERING, TO ACCESS FLOOR BELOW DIRECTLY BELOW WHICH DRAIN ENTERS IN THE HOSPITAL. PROVIDE SLOPE DRAINAGE DRAWING PRIOR TO INSTALLATION.
- SCUPPERS SHALL BE REPLACED WITH NEW SCUPPERS PER DETAIL AND SPECIFICATIONS, IF APPLICABLE TO EITHER WEST 10TH STREET.
- REMOVE OBSOLETE EQUIPMENT CURBS, RAILS, PENETRATIONS, COPING AND OTHER DAMAGED ROOF MATERIALS.
- REMOVE/REPLACE ALL MECHANICAL/ELECTRICAL IN THE WAY OF THE REMOVAL OF EXISTING AND INSTALLATION OF NEW ROOF.

UTILITY SHUT DOWNS:

- PROVIDE ONE WEEK NOTIFICATION TO COR FOR SHUT DOWN OF AIR INTAKE VENTS AND ASSOCIATED AIR HANDLING UNIT. NO SPRAYING OF PRODUCTS UNLESS V.A. INSPECTOR IS ON SITE WITH CONTRACTOR AND AIR INTAKES ARE COVERED. SCHEDULE SHUT DOWN AROUND HOSPITAL OPERATIONS AND THIS MAY NEED TO BE EVENINGS OR WEEKEND WORK.
- PROVIDE TEMPORARY BACK-UP SYSTEMS (EMERGENCY GENERATORS, CRITICAL EXHAUST OR AIR HANDLING SYSTEMS) FOR PROLONGED UTILITY SHUTDOWNS, NO EXCEPTIONS GIVEN WITHOUT COR APPROVAL.

FIRST FLOOR ROOF PLAN (DRAINS)  
CANTEN/OIT STORAGE AREA AND BRIDGE  
SCALE: 1/8" = 1'-0"

COORDINATE ALL  
WALKING MATS  
WITH COR.  
MAINTENANCE MATS  
WILL BE INSTALLED  
SURROUNDING ALL  
MECHANICAL EQUIPMENT.  
PROVIDE UP TO 250.  
ADDITIONAL MAINTENANCE  
MATS NOT SHOWN ON  
DRAWINGS.

HATCHING SYMBOL  
IN KEY PLAN  
INDICATES NEW  
ROOF REQUIRED

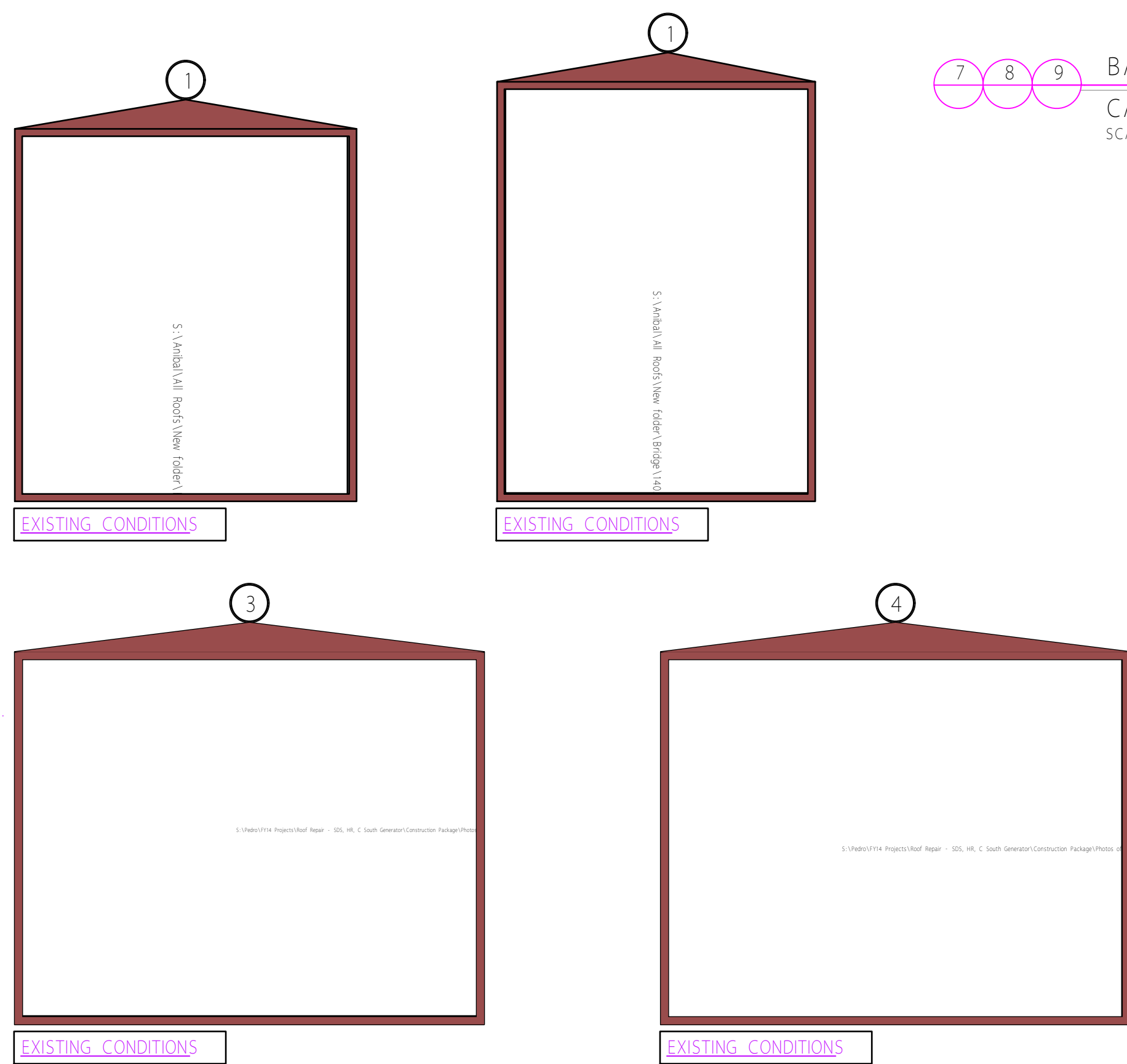
ROOF DRAINS:  
"NOT ALL ROOF DRAINS MAY BE SHOWN ON DRAWINGS." CONTRACTOR SHALL PROVIDE AN ADDITIONAL (5) ROOF DRAINS NOT SHOWN TO THE CONTRACT. FOR THE FINAL AS-BUILT, CONTRACTOR SHALL PROVIDE LOCATIONS OF ROOF DRAINS TO THE V.A. ANY UNUSED ROOF DRAINS SHALL BE TURNED OVER TO THE V.A.M.C.

MAINTENANCE MATS:  
"NOT ALL MAINTENANCE MATS MAY BE SHOWN ON DRAWINGS." CONTRACTOR SHALL PROVIDE AN ADDITIONAL (250) MAINTENANCE MATS NOT SHOWN TO THE CONTRACT. COORDINATE FINAL LOCATIONS WITH COR. FOR THE FINAL AS-BUILT, CONTRACTOR SHALL PROVIDE LOCATIONS OF MAINTENANCE MATS TO THE V.A. ANY UNUSED MAINTENANCE MATS SHALL BE TURNED OVER TO THE V.A.M.C.

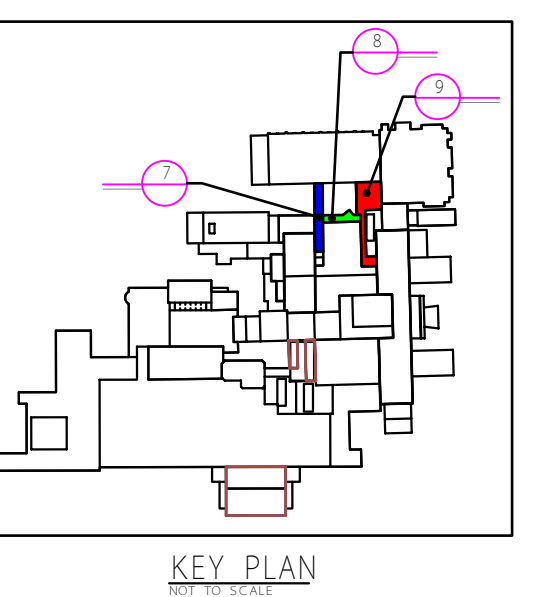
NEW CONSTRUCTION NOTES: (NOT ALL NOTES ARE USED)  
LOCATION OF NEW PARAPET RAILING AS REQUIRED. COORDINATE EXACT LOCATION.  
LOCATION OF NEW CATWALK AS REQUIRED. COORDINATE EXACT LOCATION.  
LOCATION OF NEW ROOF DRAINS AS REQUIRED.  
LOCATION OF MAINTENANCE MATS. COORDINATE AROUND EQUIPMENT.  
LOCATION OF EXISTING SCUPPERS TO BE REPLACED WITH NEW.  
LOCATION OF NEW ROOF ACCESS AS REQUIRED.

NOT ALL ROOF DRAINS  
ARE SHOWN ON DRAWING.  
CONTRACTOR SHALL  
FIELD VERIFY.

NOT ALL EQUIPMENT HAVE  
BEEN PHOTOGRAPHED.  
CONTRACTOR SHALL  
FIELD VERIFY.

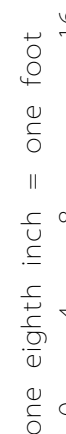


BASEMENT LEVEL (LEVEL BELOW ROOF)  
CANTEN/OIT STORAGE AREAS  
SCALE: 1/8" = 1'-0"



Revisions:	Date:	PLOT DATE:	ADDRESS:	NORTH REFERENCE	PROJECT ENGINEER:	PROJECT MANAGER:	DRAWN BY:	Drawing Title:	Project Title:	Project Number:	Engineering and Facilities Management Services
REVISIONS OF ROOF SLOPE ARROWS	12-15-2015	PLOT DATE: MAY 13, 2014	Richard L. Roudebush VA Medical Center 1481 W. 10th St. Indianapolis, Indiana 46202		PEDRO MARISTELA	GERALD MOORE	A. FERNANDEZ	ARCHITECTUARL ROOF AND FLOOR PLANS (DOCK AND BRIDGE)	REPLACE ROOFS - BUILDING 1 (P)	583-16-123	
		CAD DRAWING FILE LOCATION: S:\PEDRO\FY14 PROJECTS\REPLACE ROOFS - BUILDING 1 (PVC)						Approved: Project Director	Location WEST TENTH STREET	Building Number BUILDING #1	
									Date MAY 13, 2014	Drawing Number A-104	
									Checked AF	Dwg. 5 100f	





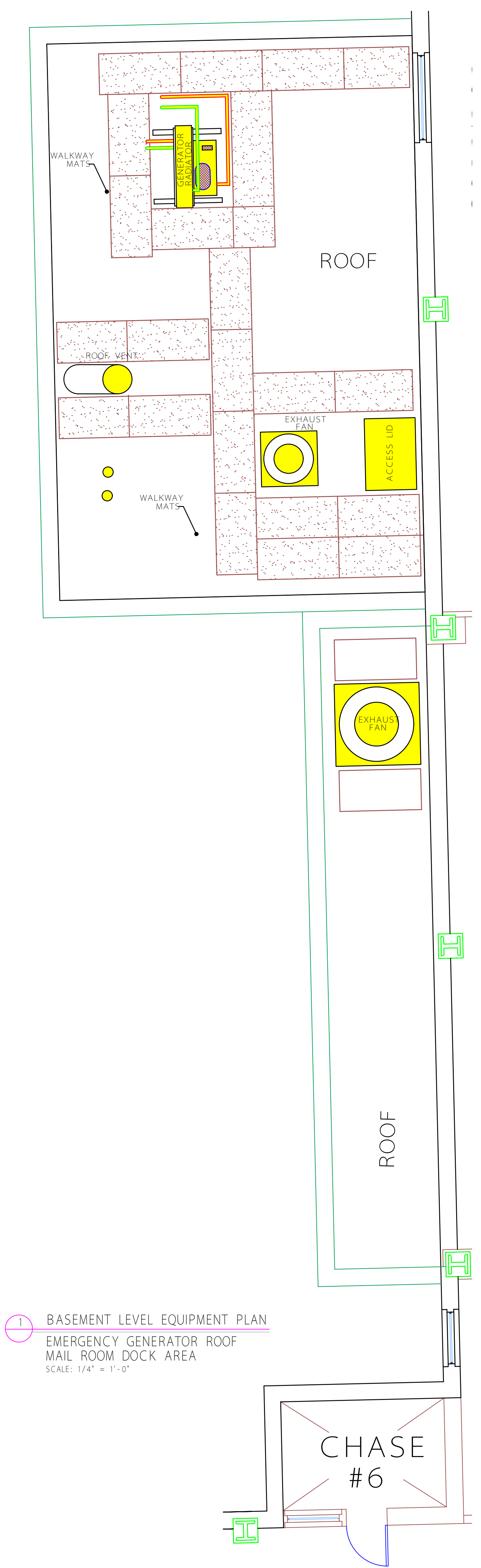
- GENERAL PLAN NOTES:

- 
- KEY PLAN

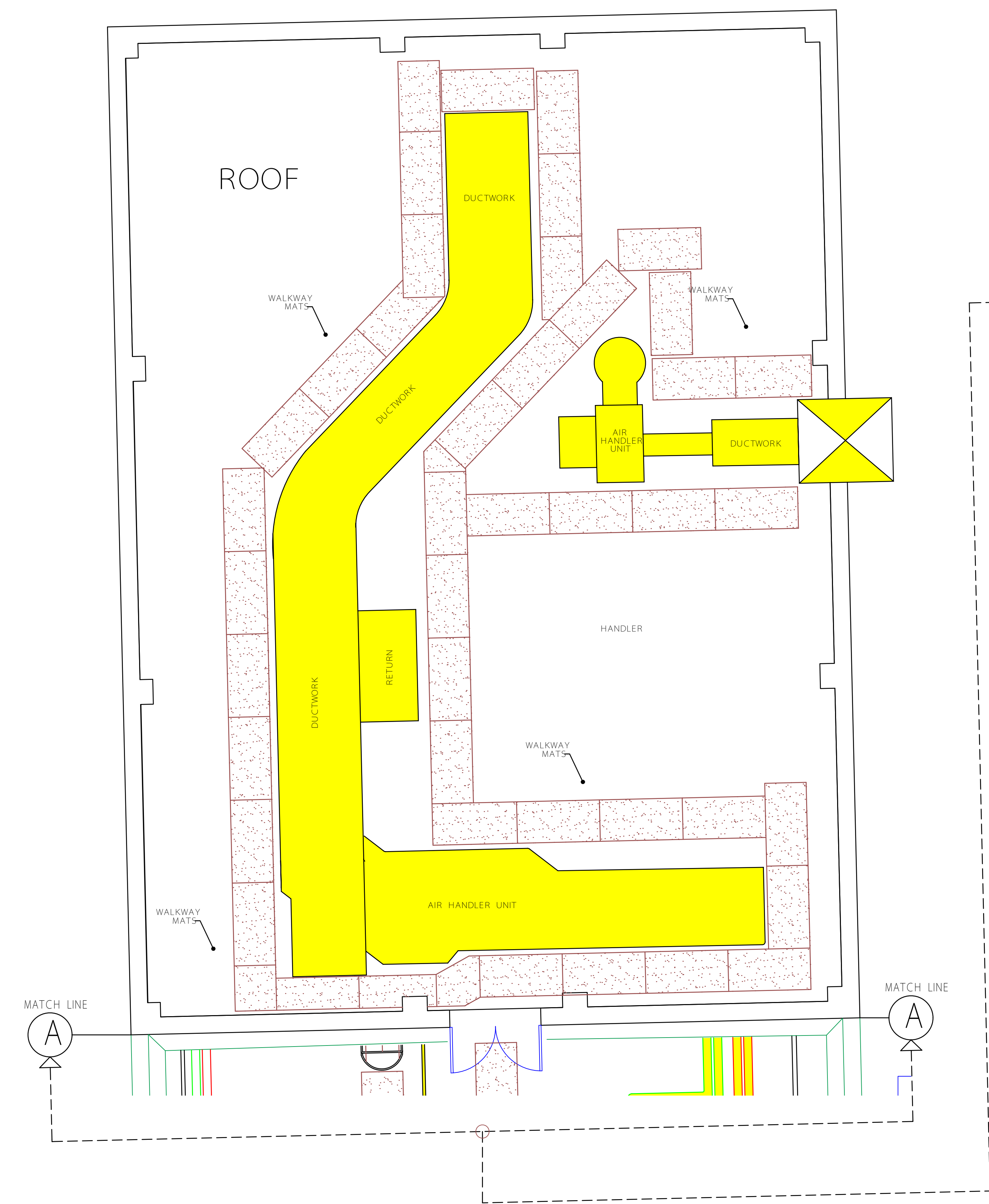
[illegible]



three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot

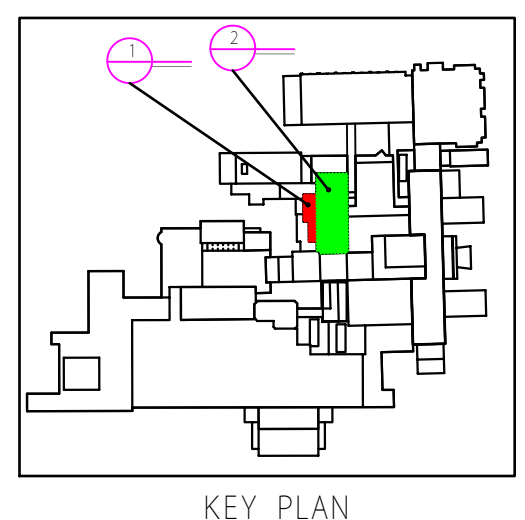


1 BASEMENT LEVEL EQUIPMENT PLAN  
EMERGENCY GENERATOR ROOF  
MAIL ROOM DOCK AREA  
SCALE: 1/4" = 1'-0"

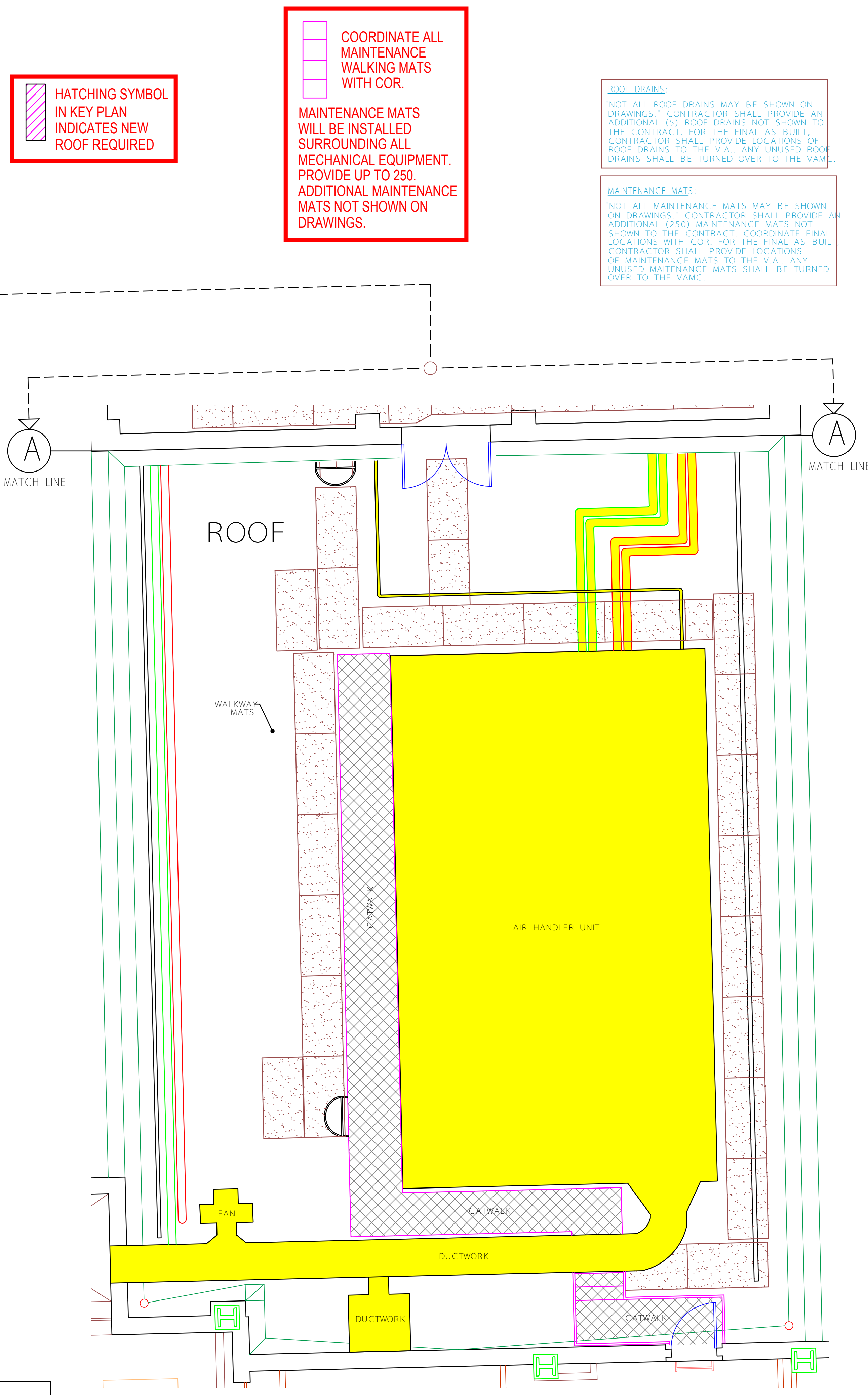


2 FOURTH FLOOR ROOF EQUIPMENT PLAN  
SAME DAY SURGERY ROOF  
SCALE: 1/4" = 1'-0"

- GENERAL NOTES:
- COORDINATE ALL UTILITY / EQUIPMENT SHUTDOWNS WITH COR AND VA ENGINEERING ONE WEEK PRIOR TO DISCONNECTION. FORMS MUST BE FILLED OUT AND IN PLACE WITH VA ENGINEERING.
  - DISCONNECT, REMOVE AND REINSTALL EXISTING ELECTRICAL, HVAC, PLUMBING, EQUIPMENT, ETC.; INCLUDING BUT NOT LIMITED TO CONDUITS, WIRING, RAILING, STRUCTURAL MATERIAL AND LIGHTING PROTECTION.
  - REFER TO ROOF DETAIL ON THIS SHEET FOR ADDITIONAL INFORMATION; INCLUDING EXISTING CONDUIT SUPPORTS AND PENETRATIONS. ALL ROOF PENETRATIONS SHALL BE SEALED FROM PEST / INSECT / WATER.
  - CONTRACTOR SHALL SUBMIT DETAILED INSTALLATION DRAWINGS AND AS-BUILT FOR ALL ROOF REPLACEMENTS AS SHOWN AND SPECIFIED. DRAWINGS SHALL THE SUPPLIER, WARRANTY UNDERWRITER AND CONTRACTOR.
  - CONTRACTOR SHALL PROVIDE MAINTENANCE WALKWAYS AS SHOWN, AND SPECIFIED IN DRAWINGS, DETAILS AND PHOTOS. WALKWAYS SHALL BE 48" WIDE BY 48" LONG MAX SECTION, 3mm THICK, INSTALLED PER MANUF. SPEC.
  - CRANE LOCATIONS SHALL BE COORDINATED ONE WEEK PRIOR TO ARRIVAL.
  - REMOVE AND REPLACE ALL ROOF DRAINS UP TO 5'-0". COORDINATE ABOVE CEILING WORK WITH COR SO THAT NOTIFICATION CAN BE PROVIDED TO THE SERVICE BELOW. INFECTION CONTROL BARRIERS ARE REQUIRED FOR WORKING INSIDE HOSPITAL AND ABOVE CEILING WORK.
  - PROVIDE NEW FLASHING IN ALL ROOF PENETRATIONS.



KEY PLAN  
BASEMENT LEVEL



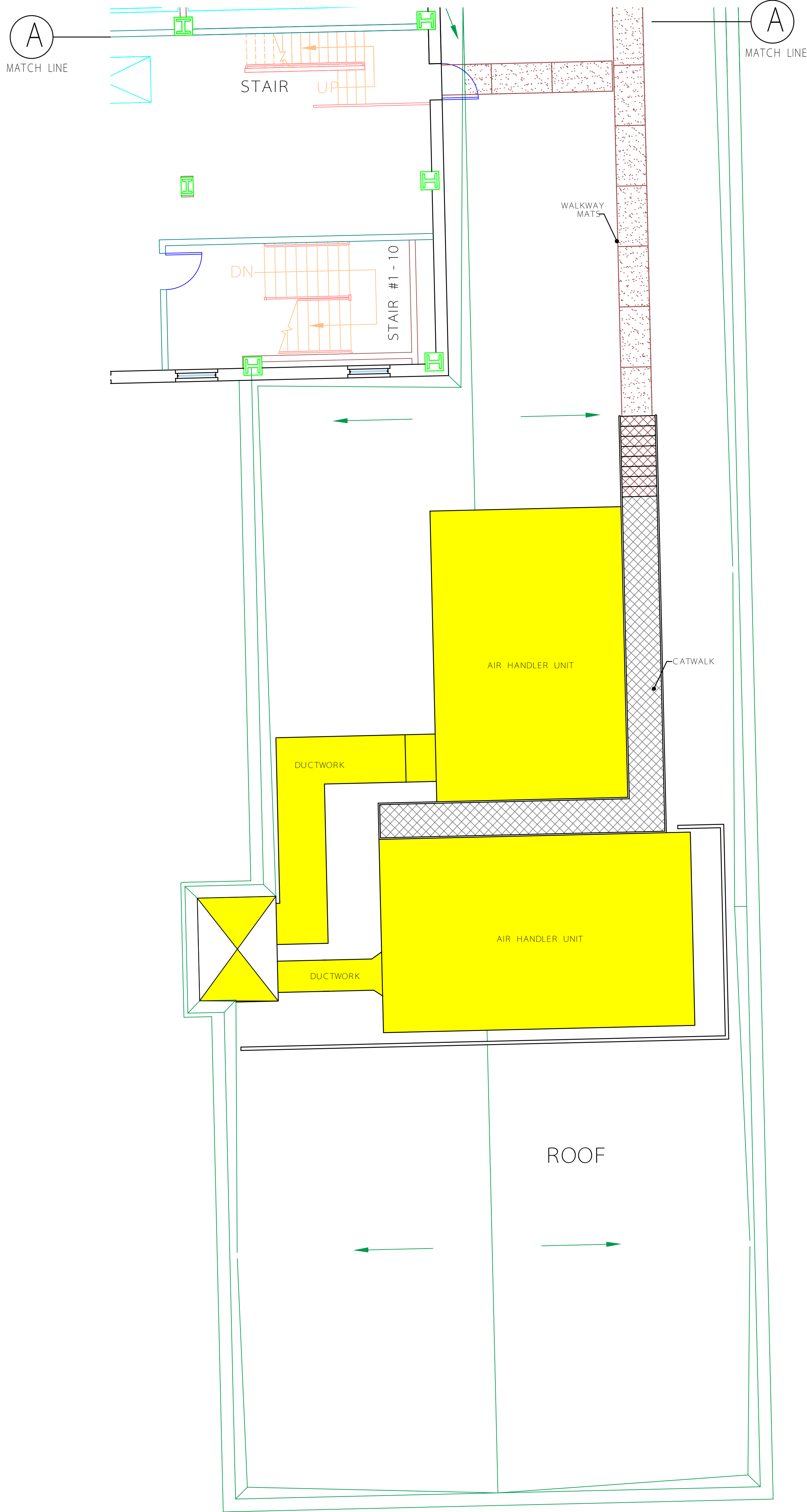
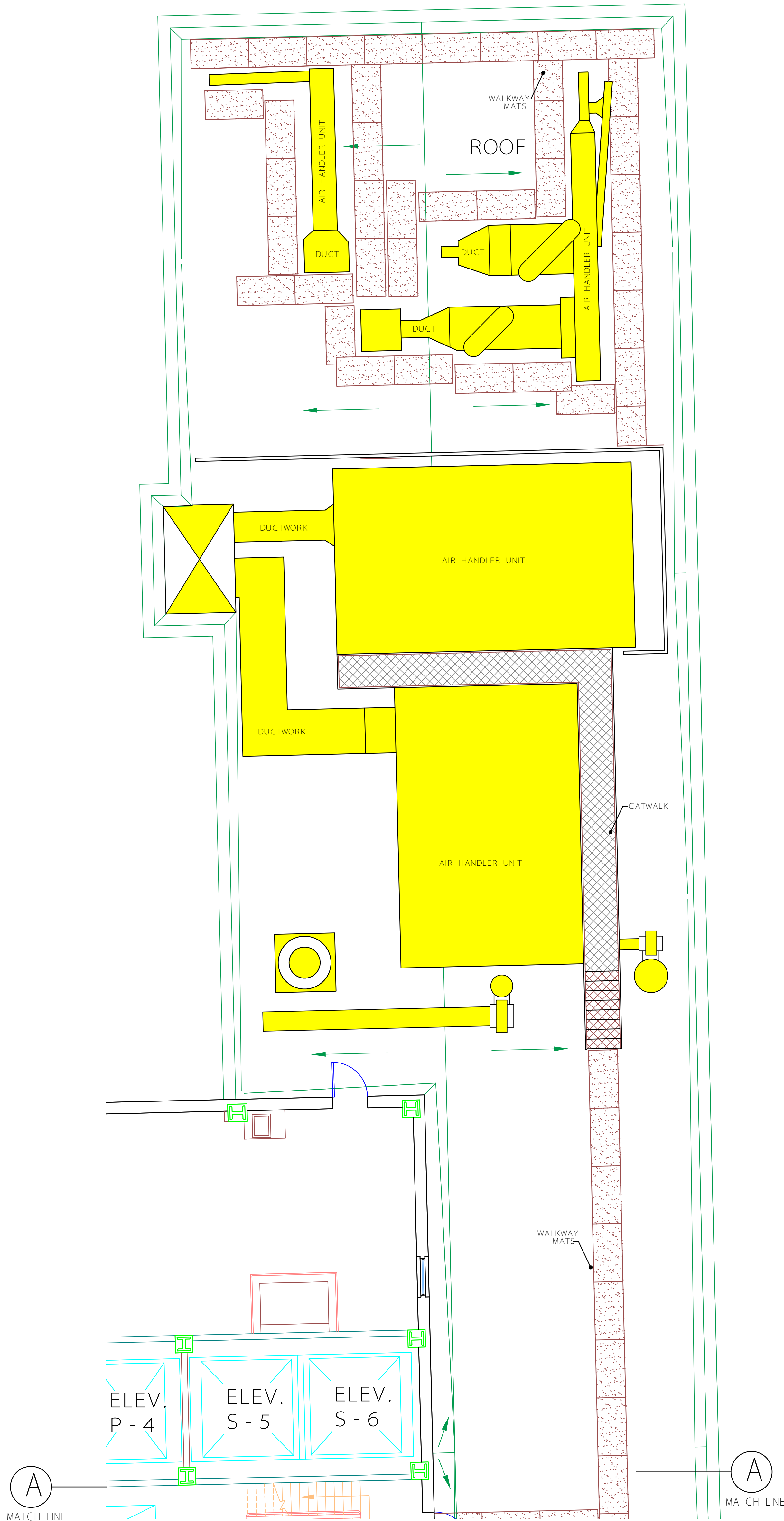
2 FOURTH FLOOR EQUIPMENT PLAN  
SAME DAY SURGERY ROOF  
SCALE: 1/4" = 1'-0"

- HATCHING SYMBOL  
IN KEY PLAN  
INDICATES NEW  
ROOF REQUIRED
- COORDINATE ALL  
MAINTENANCE  
WALKING MATS  
WITH COR.
- MAINTENANCE MATS  
WILL BE INSTALLED  
SURROUNDING ALL  
MECHANICAL EQUIPMENT.  
PROVIDE UP TO 250.  
ADDITIONAL MAINTENANCE  
MATS NOT SHOWN ON  
DRAWINGS.
- ROOF DRAINS:  
"NOT ALL ROOF DRAINS MAY BE SHOWN ON  
DRAWINGS." CONTRACTOR SHALL PROVIDE AN  
ADDITIONAL (5) ROOF DRAINS NOT SHOWN TO  
THE CONTRACT. FOR THE FINAL AS BUILT,  
CONTRACTOR SHALL PROVIDE LOCATIONS OF  
ROOF DRAINS TO THE V.A. ANY UNUSED ROOF  
DRAINS SHALL BE TURNED OVER TO THE V.A.
- MAINTENANCE MATS:  
"NOT ALL MAINTENANCE MATS MAY BE SHOWN  
ON DRAWINGS." CONTRACTOR SHALL PROVIDE AN  
ADDITIONAL (250) MAINTENANCE MATS NOT  
SHOWN TO THE CONTRACT. COORDINATE FINAL  
LOCATIONS WITH COR. FOR THE FINAL AS BUILT,  
CONTRACTOR SHALL PROVIDE LOCATIONS  
OF MAINTENANCE MATS TO THE V.A. ANY  
UNUSED MAINTENANCE MATS SHALL BE TURNED  
OVER TO THE V.A.

Revisions:	Date	PLOT DATE:	ADDRESS:	NORTH REFERENCE	PROJECT ENGINEER:	PROJECT MANAGER:	DRAWN BY:	Drawing Title	Project Title	Project Number	Engineering and Facilities Management Services Department of Veterans Affairs
		PLOT DATE: MAY 13, 2014	Richard L. Roudebush VA Medical Center 1481 W. 10th St. Indianapolis, Indiana 46202		PEDRO MARISTELA	GERALD MOORE	A. FERNANDEZ	MECHANICAL ROOF PLANS (SAME DAY SURGERY and C-SOUTH GENERATORS)	REPLACE ROOFS - BUILDING 1 (P)	583-16-123	
		CAD DRAWING FILE LOCATION: S:\PEDRO\FY14 PROJECTS\REPLACE ROOFS - BUILDING 1 (PVC)						Approved: Project Director	Location WEST TENTH STREET	Building Number BUILDING #1	
									Date MAY 13, 2014	Drawn AF	
										Dwg. 7 1 of 7	



three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



**ROOF DRAINS:**  
"NOT ALL ROOF DRAINS MAY BE SHOWN ON DRAWINGS." CONTRACTOR SHALL PROVIDE AN ADDITIONAL (5) ROOF DRAINS NOT SHOWN TO THE CONTRACT, FOR THE FINAL AS-BUILT. CONTRACTOR SHALL PROVIDE LOCATIONS OF ROOF DRAINS TO THE V.A. ANY UNUSED ROOF DRAINS SHALL BE TURNED OVER TO THE VAMC.

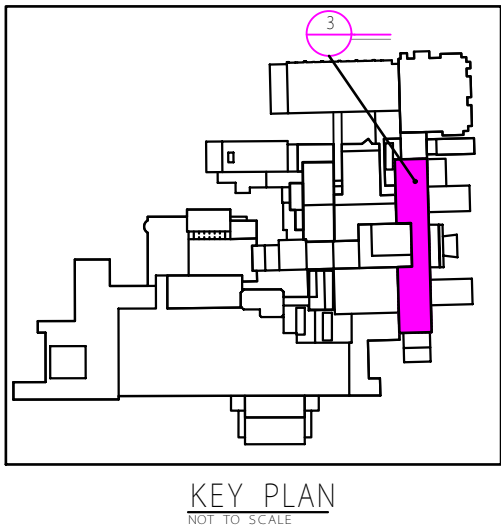
**MAINTENANCE MATS:**  
"NOT ALL MAINTENANCE MATS MAY BE SHOWN ON DRAWINGS." CONTRACTOR SHALL PROVIDE AN ADDITIONAL (250) MAINTENANCE MATS NOT SHOWN TO THE CONTRACT, COORDINATE FINAL LOCATIONS WITH COR. FOR THE FINAL AS-BUILT. CONTRACTOR SHALL PROVIDE LOCATIONS OF MAINTENANCE MATS TO THE V.A. ANY UNUSED MAINTENANCE MATS SHALL BE TURNED OVER TO THE VAMC.

**COORDINATE ALL WALKING MATS WITH COR.**  
MAINTENANCE MATS WILL BE INSTALLED SURROUNDING ALL MECHANICAL EQUIPMENT. PROVIDE UP TO 250. ADDITIONAL MAINTENANCE MATS NOT SHOWN ON DRAWINGS.

**HATCHING SYMBOL IN KEY PLAN INDICATES NEW ROOF REQUIRED**

**GENERAL NOTES:**

1. COORDINATE ALL UTILITY / EQUIPMENT SHUTDOWNS WITH COR AND VA ENGINEERING ONE WEEK PRIOR TO DISCONNECTION. FORMS MUST BE FILLED OUT AND IN PLACE WITH VA ENGINEERING.
2. DISCONNECT, REMOVE AND REINSTALL EXISTING ELECTRICAL, HVAC, PLUMBING, EQUIPMENT, ETC.; INCLUDING BUT NOT LIMITED TO CONDUITS, WIRING, RAILING, STRUCTURAL MATERIAL AND LIGHTING PROTECTION.
3. REFER TO ROOF DETAIL ON THIS SHEET FOR ADDITIONAL INFORMATION; INCLUDING EXISTING CONDUIT SUPPORTS AND PENETRATIONS. ALL ROOF PENETRATIONS SHALL BE SEALED FROM PEST / INSECT / WATER.
4. CONTRACTOR SHALL SUBMIT DETAILED INSTALLATION DRAWINGS AND AS-BUILT FOR ALL ROOF REPLACEMENTS AS SHOWN AND SPECIFIED. DRAWINGS SHALL THE SUPPLIER, WARRANTY UNDERWRITER AND CONTRACTOR.
5. CONTRACTOR SHALL PROVIDE MAINTENANCE WALKWAYS AS SHOWN, AND SPECIFIED IN DRAWINGS, DETAILS AND PHOTOS. WALKWAYS SHALL BE 48" WIDE BY 48" LONG MAX SECTION, 3mm THICK, INSTALLED PER MANUF. SPEC.
6. CRANE LOCATIONS SHALL BE COORDINATED ONE WEEK PRIOR TO ARRIVAL.
7. REMOVE AND REPLACE ALL ROOF DRAINS UP TO 5'-0". COORDINATE ABOVE CEILING WORK WITH COR SO THAT NOTIFICATION CAN BE PROVIDED TO THE SERVICE BELOW. INFECTION CONTROL BARRIERS ARE REQUIRED FOR WORKING INSIDE HOSPITAL AND ABOVE CEILING WORK.
8. PROVIDE NEW FLASHING IN ALL ROOF PENETRATIONS.

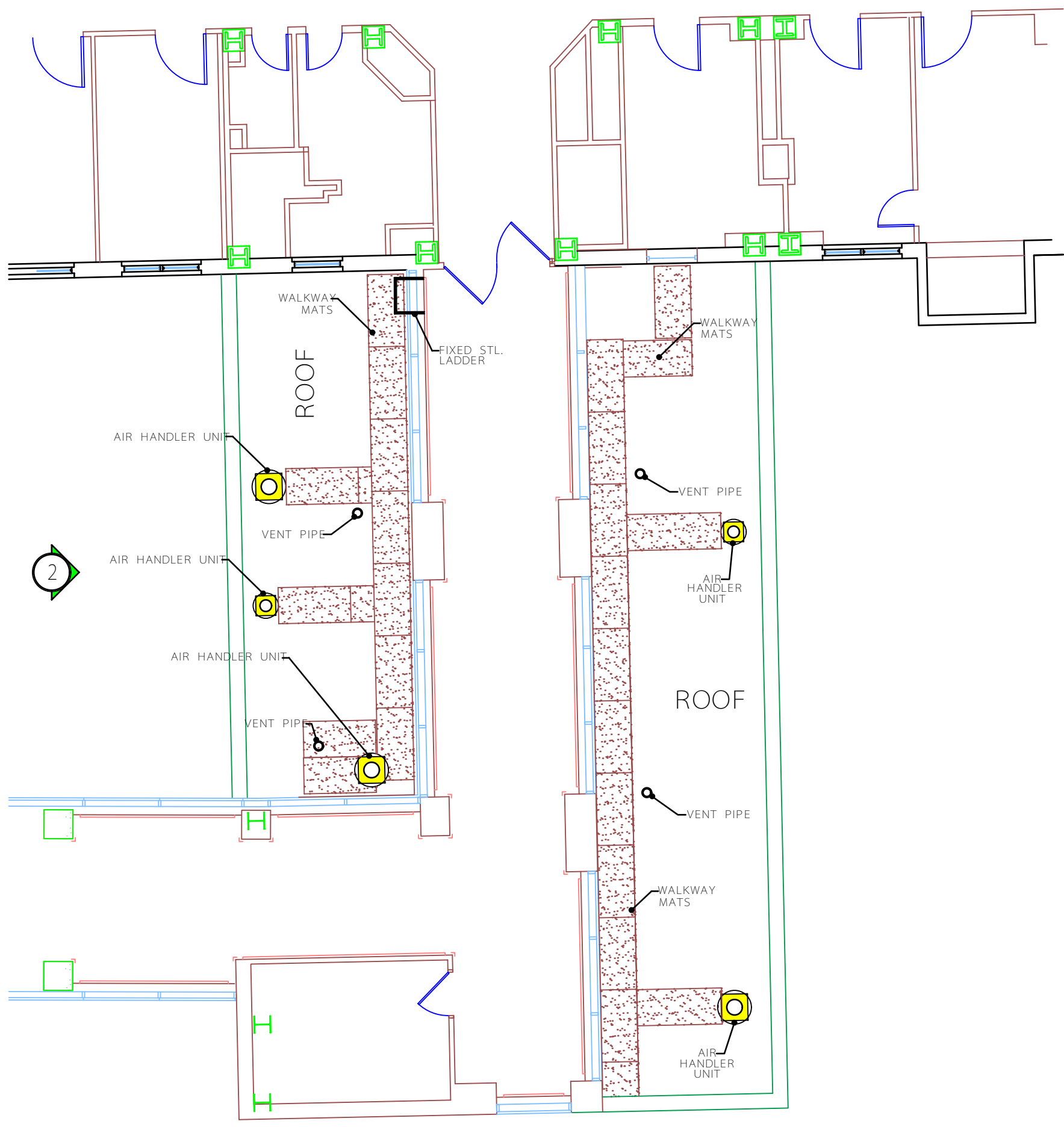


**3 NINTH FLOOR EQUIPMENT PLAN**  
HR AND CHIEF OF STAFF OFFICES  
SCALE: 3/16" = 1'-0"

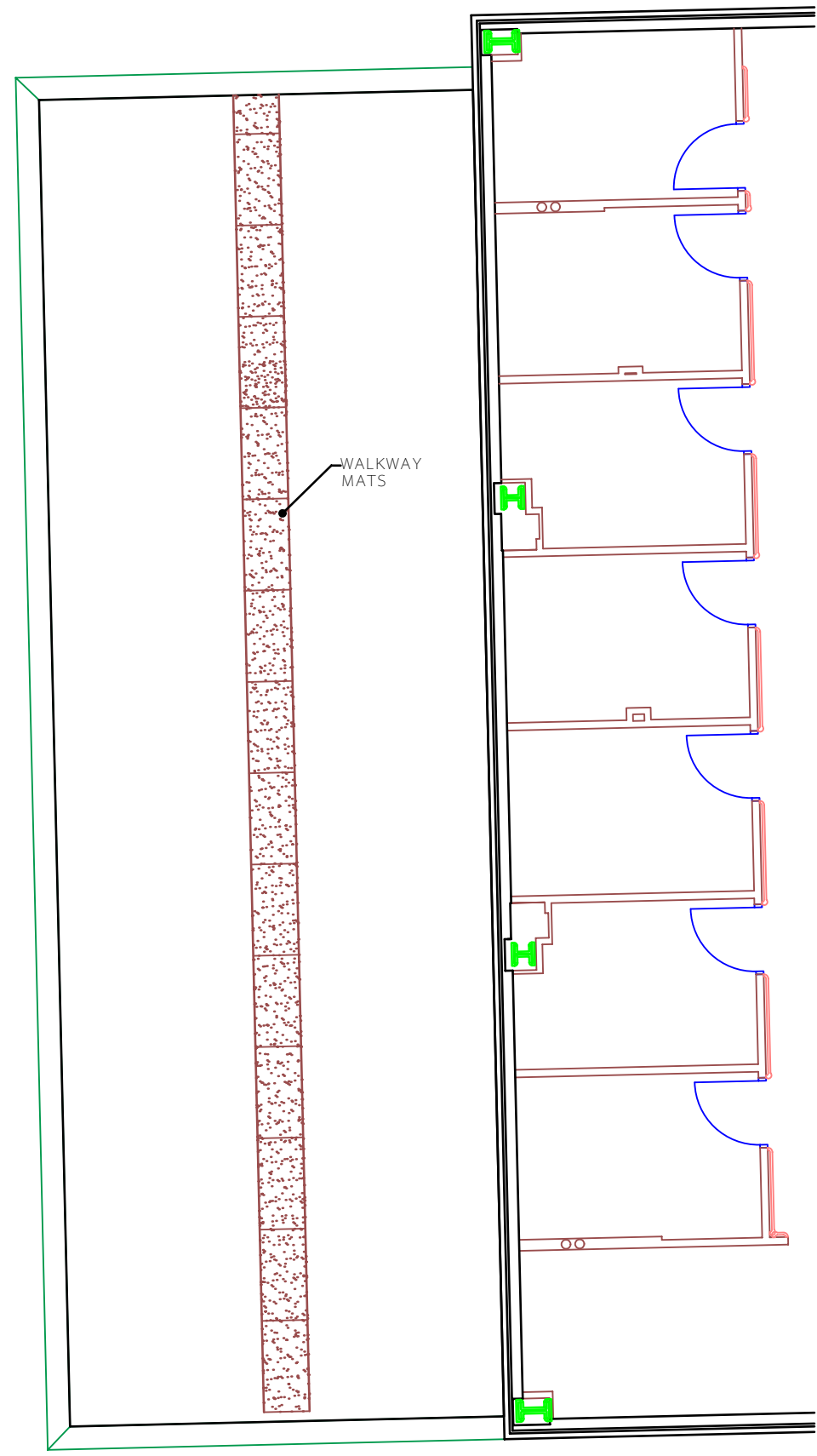
Revisions:	Date	PLOT DATE:	ADDRESS:	NORTH REFERENCE	PROJECT ENGINEER:	PROJECT MANAGER:	DRAWN BY:	Drawing Title	Project Title	Project Number	Engineering and Facilities Management Services Department of Veterans Affairs
		PLOT DATE: MAY 13, 2014	Richard L. Roudebush VA Medical Center 1481 W. 10th St. Indianapolis, Indiana 46202		PEDRO MARISTELA	GERALD MOORE	A. FERNANDEZ	MECHANICAL ROOF PLANS (HR and EMT))	REPLACE ROOFS - BUILDING 1 (P)	583-16-123	
		CAD DRAWING FILE LOCATION: S:\PEDRO\FY14 PROJECTS\REPLACE ROOFS - BUILDING 1 (PVC)						Approved: Project Director	Location WEST TENTH STREET	Building Number BUILDING #1	
									Date MAY 13, 2014	Checked AF	
										Drawing Number M-102	
										7FY014	
										Dwg. 8 10of	



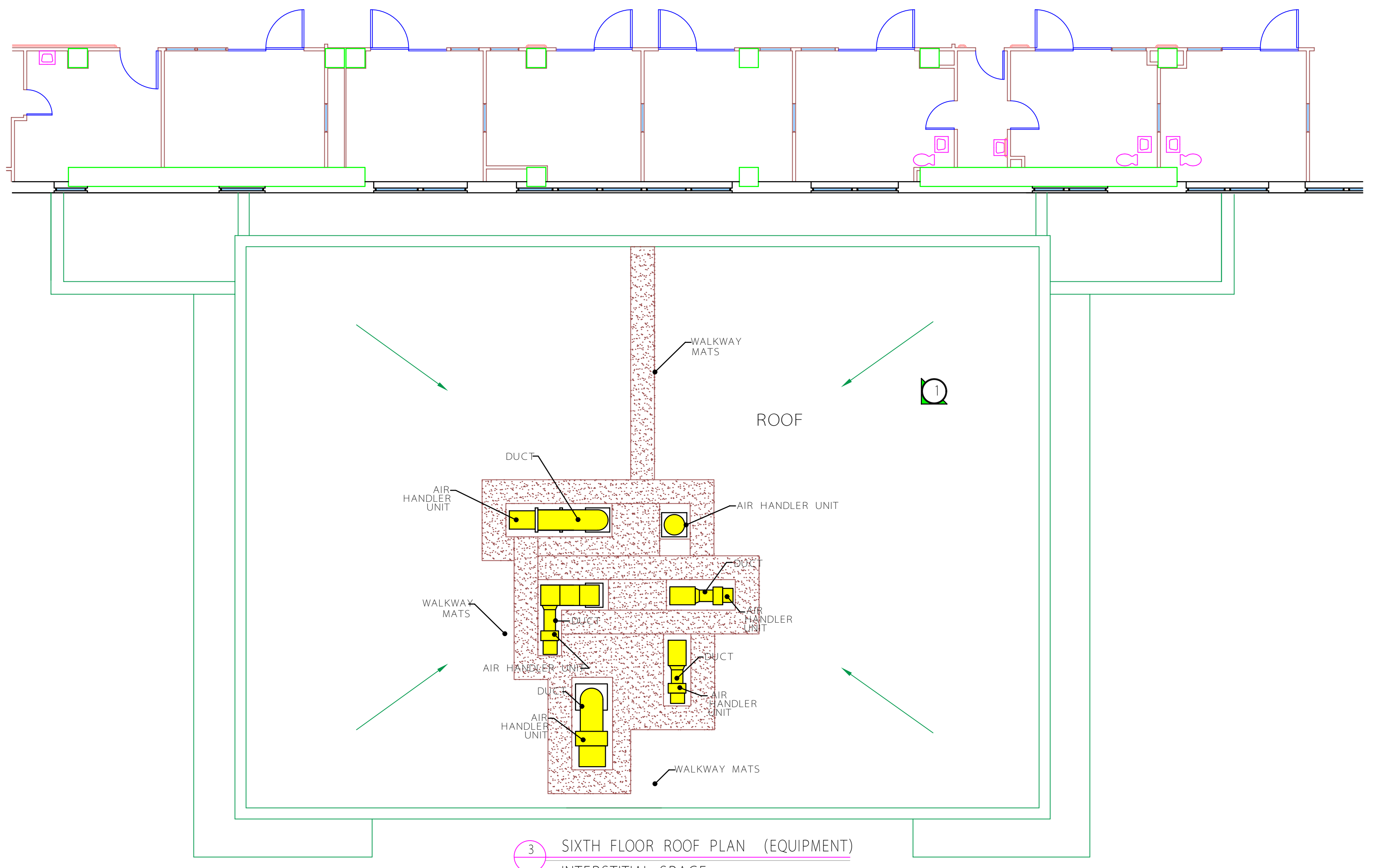
three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



1 EIGHTH FLOOR ROOF PLAN (EQUIPMENT)  
RESEARCH LAB  
SCALE: 1/8" = 1'-0"



10 FIRST FLOOR ROOF PLAN (NO EQUIPMENT)  
WAREHOUSE  
SCALE: 1/8" = 1'-0"



3 SIXTH FLOOR ROOF PLAN (EQUIPMENT)  
INTERSTITIAL SPACE  
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- COORDINATE ALL UTILITY / EQUIPMENT SHUTDOWNS WITH COR AND VA ENGINEERING ONE WEEK PRIOR TO DISCONNECTION. FORMS MUST BE FILLED OUT AND IN PLACE WITH VA ENGINEERING.
- DISCONNECT, REMOVE AND REINSTALL EXISTING ELECTRICAL, HVAC, PLUMBING, EQUIPMENT, ETC; INCLUDING BUT NOT LIMITED TO CONDUITS, WIRING, RAILING, STRUCTURAL MATERIAL AND LIGHTING PROTECTION.
- REFER TO ROOF DETAIL ON THIS SHEET FOR ADDITIONAL INFORMATION; INCLUDING EXISTING CONDUIT SUPPORTS AND PENETRATIONS. ALL ROOF PENETRATIONS SHALL BE SEALED FROM PEST / INSECT / WATER.
- CONTRACTOR SHALL SUBMIT DETAILED INSTALLATION DRAWINGS AND AS-BUILT FOR ALL ROOF REPLACEMENTS AS SHOWN AND SPECIFIED. DRAWINGS SHALL THE SUPPLIER, WARRANTY UNDERWRITER AND CONTRACTOR.
- CONTRACTOR SHALL PROVIDE MAINTENANCE WALKWAYS AS SHOWN, AND SPECIFIED IN DRAWINGS, DETAILS AND PHOTOS. WALKWAYS SHALL BE 30" WIDE BY 60" LONG MAX SECTION, 3mm THICK, INSTALLED PER MANUF. SPEC.
- CRANE LOCATIONS SHALL BE COORDINATED ONE WEEK PRIOR TO ARRIVAL.
- REMOVE AND REPLACE ALL ROOF DRAINS UP TO 5'-0". COORDINATE ABOVE CEILING WORK WITH COR SO THAT NOTIFICATION CAN BE PROVIDED TO THE SERVICE BELOW. INFECTION CONTROL BARRIERS ARE REQUIRED FOR WORKING INSIDE HOSPITAL AND ABOVE CEILING WORK.
- PROVIDE NEW FLASHING IN ALL ROOF PENETRATIONS.

GENERAL DEMOLITION NOTES:

- HATCHED AREA INDICATES PROJECT AREA (ROOF SYSTEM TO BE REMOVED DOWN TO METAL OR CONCRETE DECKS AND REPLACED) WITH NEW R40 THERMO PLASTIC MEMBRANE (PVC) ROOF SYSTEM. ALL MATERIALS TO BE REMOVED BY CONTRACTOR FROM SITE.
- ONLY REMOVE PORTIONS OF ROOF AREA SUCH THAT NEW ROOF CAN BE REINSTALLED BY THE END OF THE DAY. WORK AFTER HOURS WILL NEED TO BE APPROVED BY COR AND COORDINATED WITH VA POLICE AND VA CHILLER PLANT OPERATORS.
- SEAL ALL WALL MASONRY WHICH ARE PERPENDICULAR TO ROOF (TO AVOID PEST/INSECT/WATER FROM PENETRATING DOWN THE WALL. IF APPLICABLE, WHEN ROOF IS DEMOLISHED, CONCRETE DECK SHALL BE SEAL COATED AND EPOXY COATED TO SEAL ALL CRACKS IN DECK. REMOVE DAMAGED CAPSTONE. PROVIDE UP TO 100 PIECES PER 1000 SQUARE FOOT OF ROOF AREA.
- REMOVE AND REINSTALL NEW ROOF DRAINS IN PROJECT HATCHED AREA. REPLACEMENT OF DRAINS SHALL BE COORDINATED WITH COR AND VA ENGINEERING, TO ACCESS FLOOR BELOW DIRECTLY BELOW WHICH DRAIN ENTERS IN THE HOSPITAL. PROVIDE SLOPE DRAINAGE DRAWING PRIOR TO INSTALLATION.
- SCUPPERS SHALL BE REPLACED WITH NEW SCUPPERS PER DETAIL AND SPECIFICATIONS, IF APPLICABLE TO EITHER WEST 10TH STREET.
- REMOVE OBSOLETE EQUIPMENT CURBS, RAILS, PENETRATIONS, COPING AND OTHER DAMAGED ROOF MATERIALS.
- REMOVE/REPLACE ALL MECHANICAL/ELECTRICAL IN THE WAY OF THE REMOVAL OF EXISTING AND INSTALLATION OF NEW ROOF.

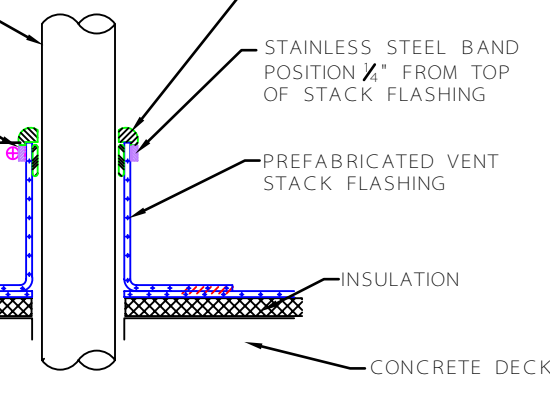
UTILITY SHUT DOWNS:

- PROVIDE ONE WEEK NOTIFICATION TO COR FOR SHUT DOWN OF AIR INTAKE VENTS AND ASSOCIATED AIR HANDLING UNIT. NO SPRAYING OF PRODUCTS UNLESS V.A. INSPECTOR IS ON-SITE WITH CONTRACTOR AND AIR INTAKES ARE COVERED. SCHEDULE SHUT DOWN AROUND HOSPITAL OPERATIONS AND THIS MAY NEED TO BE EVENINGS OR WEEKEND WORK.
- PROVIDE TEMPORARY BACK-UP SYSTEMS (EMERGENCY GENERATORS, CRITICAL EXHAUST OR AIR HANDLING SYSTEMS) FOR PROLONGED UTILITY SHUTDOWNS, NO EXCEPTIONS GIVEN WITHOUT COR APPROVAL.

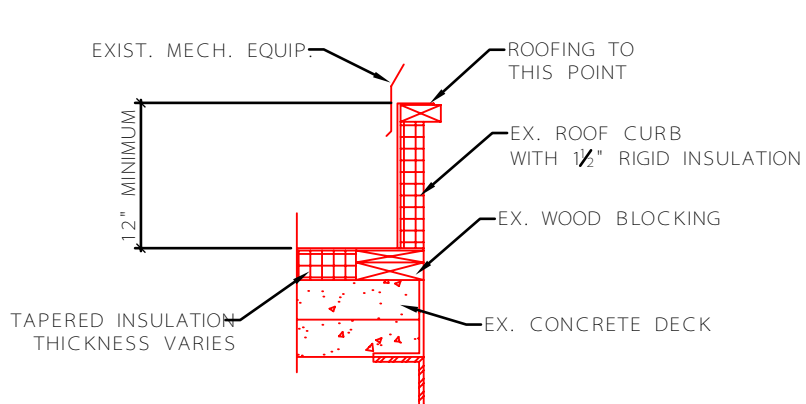
NEW CONSTRUCTION NOTES: (NOT ALL NOTES ARE USED)

- LOCATION OF NEW PARAPET RAILING AS REQUIRED. COORDINATE EXACT LOCATION.
- LOCATION OF NEW CATWALK AS REQUIRED. COORDINATE EXACT LOCATION.
- LOCATION OF NEW ROOF DRAINS AS REQUIRED.
- LOCATION OF MAINTENANCE MATS. COORDINATE AROUND EQUIPMENT.
- LOCATION OF EXISTING SCUPPERS TO BE REPLACED WITH NEW.
- LOCATION OF NEW ROOF ACCESS AS REQUIRED.

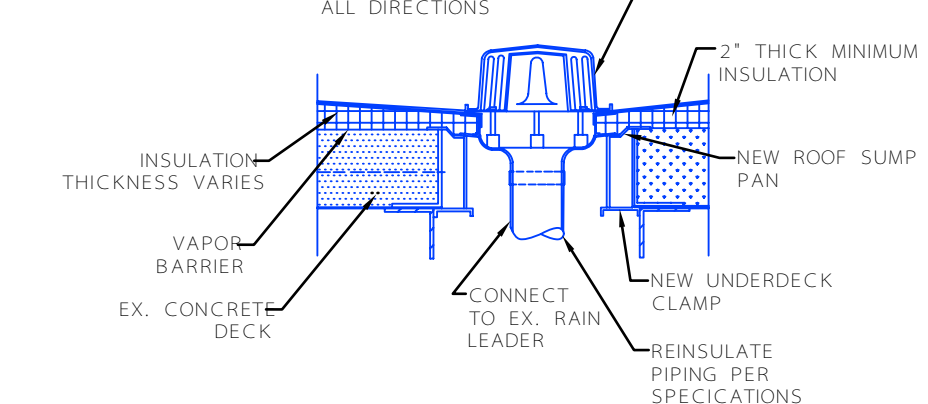
NOT ALL ROOF DRAINS ARE SHOWN ON DRAWING. CONTRACTOR SHALL FIELD VERIFY.



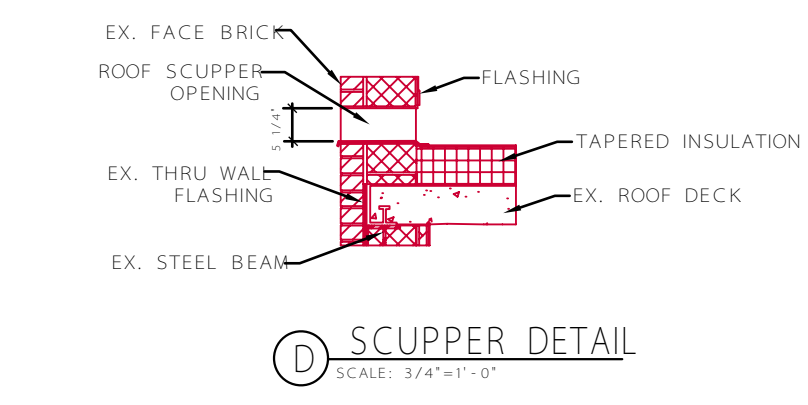
A VENT THRU ROOF DETAIL  
SCALE: 3/4" = 1'-0"



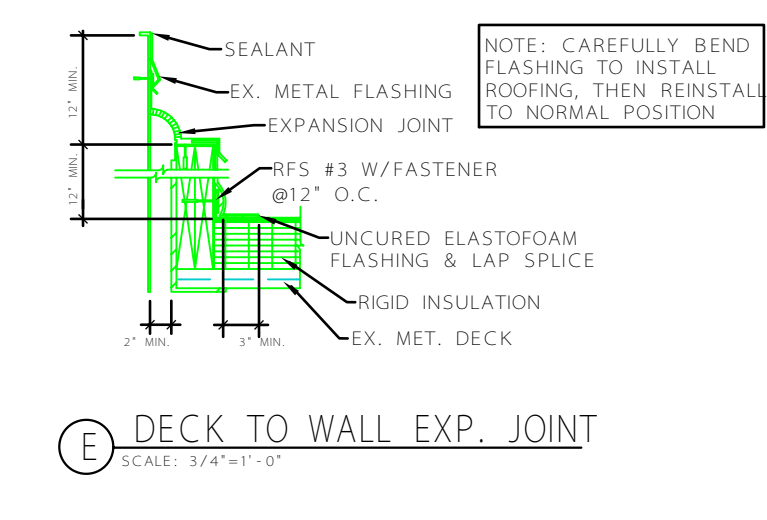
B ROOF CURB  
SCALE: 3/4" = 1'-0"



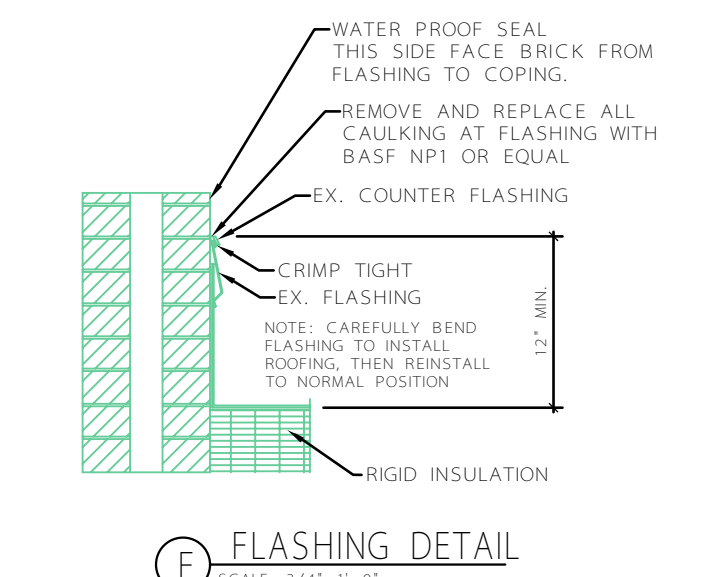
C ROOF DRAIN  
SCALE: 3/4" = 1'-0"



D SCUPPER DETAIL  
SCALE: 3/4" = 1'-0"



E DECK TO WALL EXP. JOINT  
SCALE: 3/4" = 1'-0"



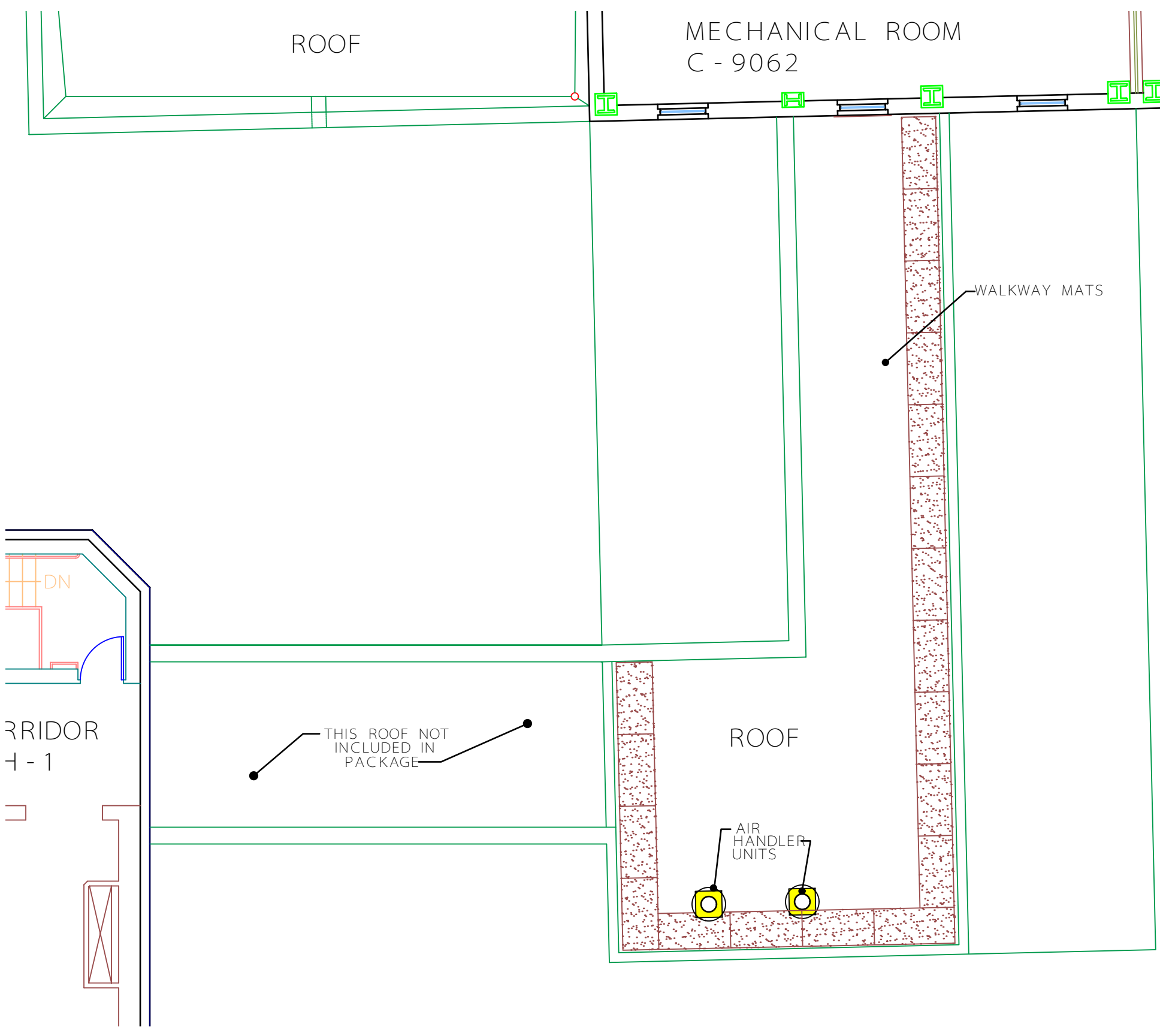
F FLASHING DETAIL  
SCALE: 3/4" = 1'-0"

HATCHING SYMBOL IN KEY PLAN INDICATES NEW ROOF REQUIRED

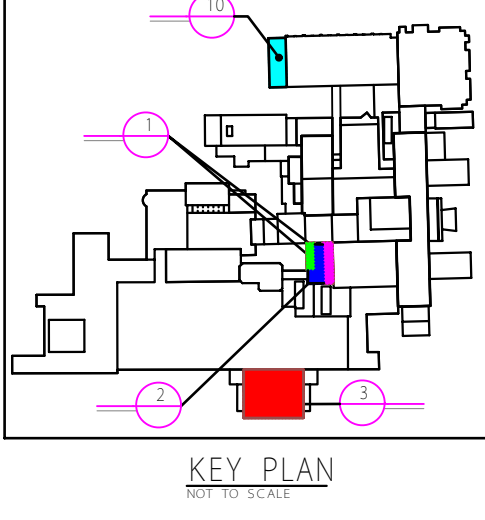
SOLID DOTS INDICATES ROOF DRAINS

ROOF DRAINS:  
"NOT ALL ROOF DRAINS MAY BE SHOWN ON DRAWINGS." CONTRACTOR SHALL PROVIDE AN ADDITIONAL (5) ROOF DRAINS NOT SHOWN TO THE CONTRACT FOR THE FINAL AS-BUILT. CONTRACTOR SHALL PROVIDE LOCATIONS OF ROOF DRAINS TO THE V.A. ANY UNUSED ROOF DRAINS SHALL BE TURNED OVER TO THE V.A.M.

MAINTENANCE MATS:  
"NOT ALL MAINTENANCE MATS MAY BE SHOWN ON DRAWINGS." CONTRACTOR SHALL PROVIDE AN ADDITIONAL (250) MAINTENANCE MATS NOT SHOWN TO THE CONTRACT. COORDINATE FINAL LOCATIONS WITH COR. FOR THE FINAL AS-BUILT, CONTRACTOR SHALL PROVIDE LOCATIONS OF MAINTENANCE MATS TO THE V.A. ANY UNUSED MAINTENANCE MATS SHALL BE TURNED OVER TO THE V.A.M.



2 NINTH FLOOR ROOF PLAN (EQUIPMENT)  
CORRIDOR C8 - 5A  
SCALE: 1/8" = 1'-0"

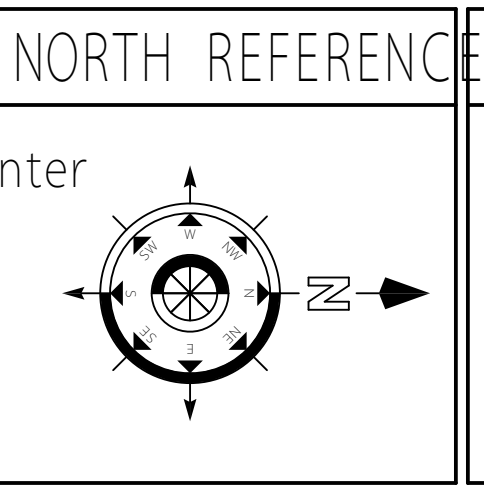


KEY PLAN

Revisions:	Date

PLOT DATE:
PLOT DATE: MAY 13, 2014
CAD DRAWING FILE LOCATION: S:\PEDRO\FY14 PROJECTS\REPLACE ROOFS - BUILDING 1 (PVC)

ADDRESS:
Richard L. Roudebush VA Medical Center 1481 W. 10th St. Indianapolis, Indiana 46202



NORTH REFERENCE
PROJECT ENGINEER:
PEDRO MARISTELA

PROJECT MANAGER:
GERALD MOORE

DRAWN BY:
A. FERNANDEZ

Drawing Title
MECHANICAL ROOF PLANS (7th, 8th and 5th FLOOR A-WING)
Approved: Project Director

Project Title
REPLACE ROOFS - BUILDING 1 (PVC)
Date
MAY 13, 2014

Project Number
583-16-123
Building Number
BUILDING #1
Drawing Number
M-103
7FY014
Dwg. 9 of 10

Engineering and Facilities Management Services
Department of Veterans Affairs



RLR VAMC FORM 09 - JD0227