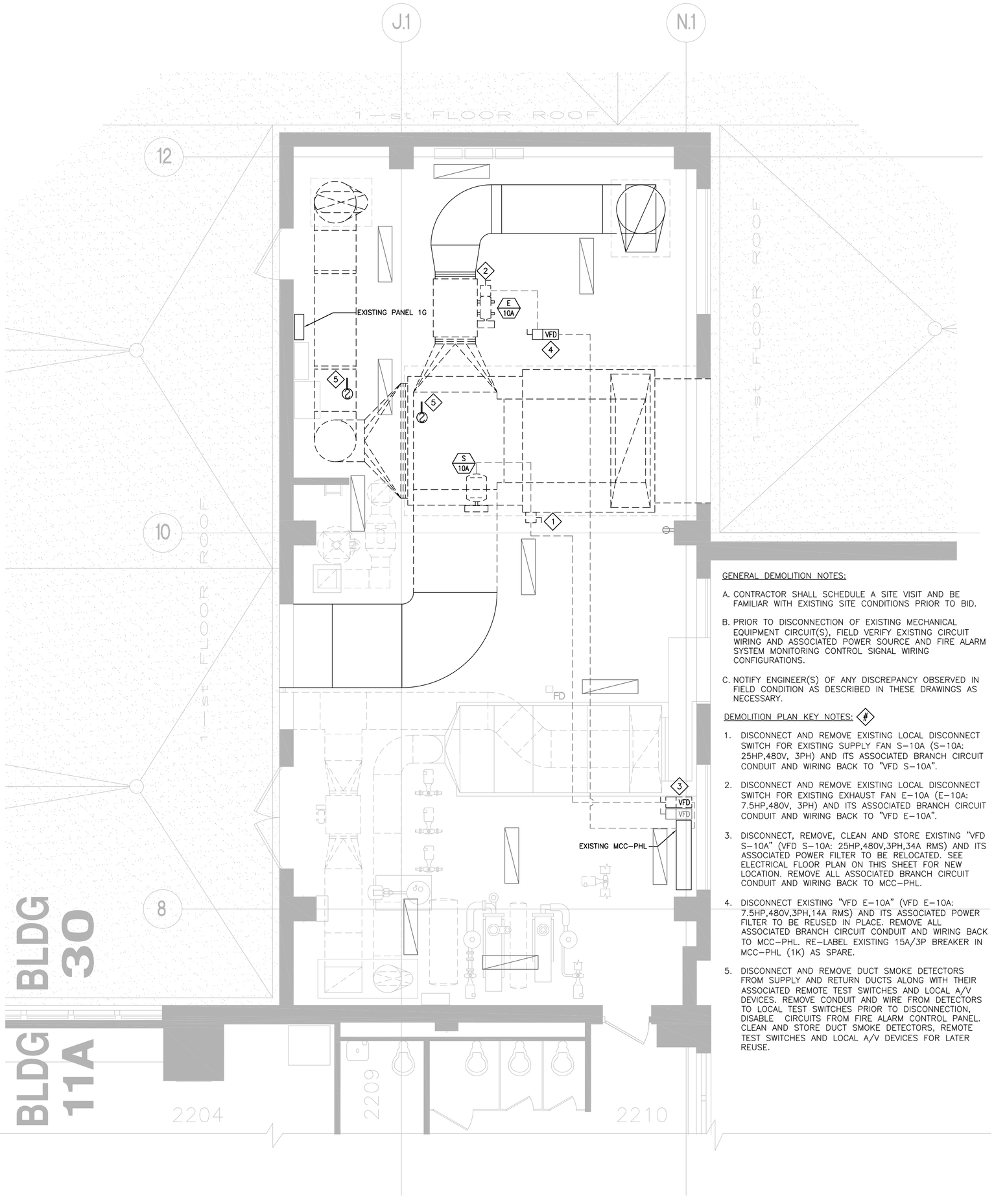



## GENERAL DEMOLITION NOTES:

A. CONTRACTOR SHALL SCHEDULE A SITE VISIT AND BE FAMILIAR WITH EXISTING SITE CONDITIONS PRIOR TO BID.

B. PRIOR TO DISCONNECTION OF EXISTING MECHANICAL EQUIPMENT CIRCUIT(S), FIELD VERIFY EXISTING CIRCUIT WIRING AND ASSOCIATED POWER SOURCE AND FIRE ALARM SYSTEM MONITORING CONTROL SIGNAL WIRING CONFIGURATIONS.

C. NOTIFY ENGINEER(S) OF ANY DISCREPANCY OBSERVED IN FIELD CONDITION AS DESCRIBED IN THESE DRAWINGS AS NECESSARY.

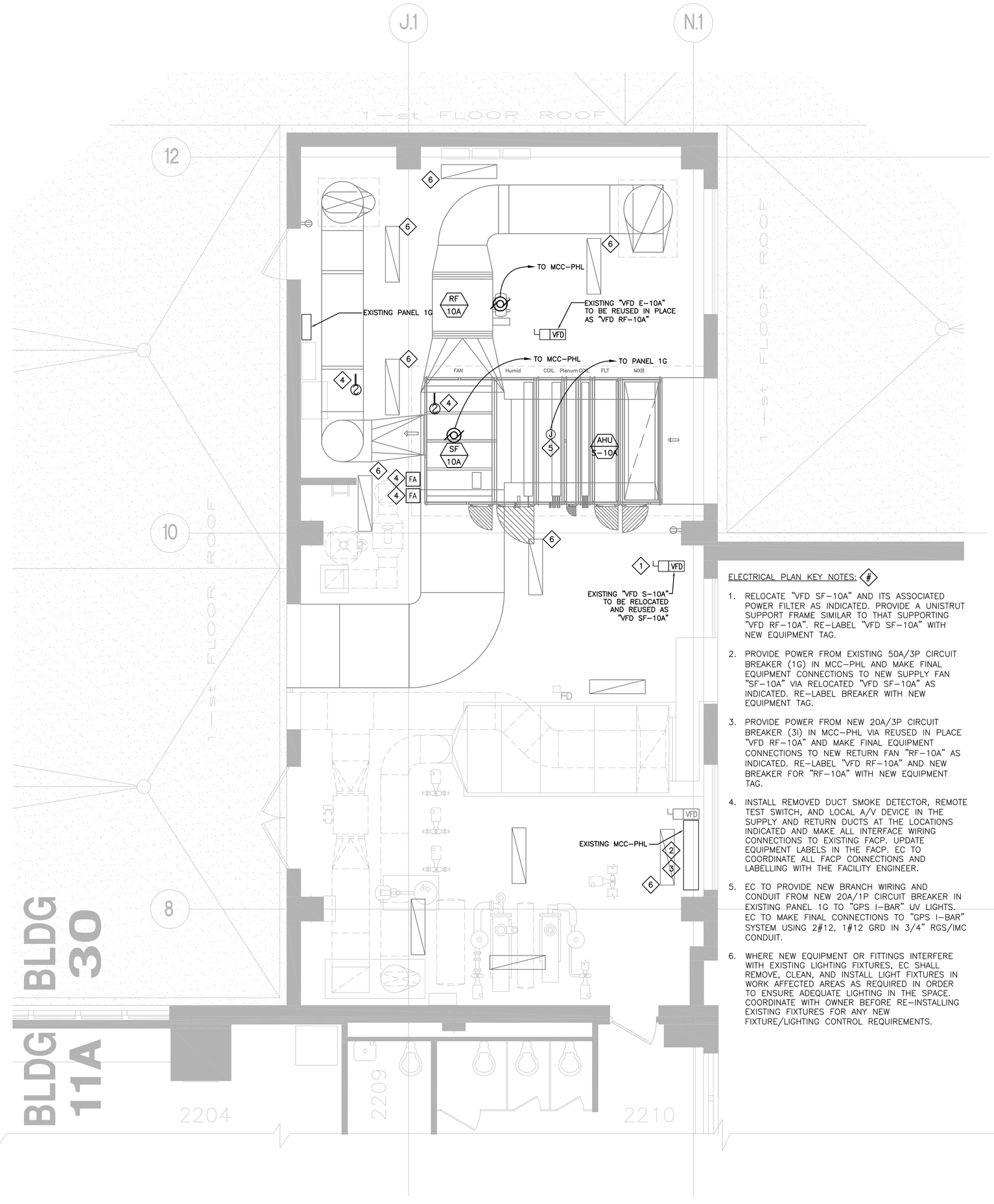
## DEMOLITION PLAN KEY NOTES: (#)

1. DISCONNECT AND REMOVE EXISTING LOCAL DISCONNECT SWITCH FOR EXISTING SUPPLY FAN S-10A (S-10A: 25HP,480V, 3PH) AND ITS ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING BACK TO "VFD S-10A".
2. DISCONNECT AND REMOVE EXISTING LOCAL DISCONNECT SWITCH FOR EXISTING EXHAUST FAN E-10A (E-10A: 7.5HP,480V, 3PH) AND ITS ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING BACK TO "VFD E-10A".
3. DISCONNECT, REMOVE, CLEAN AND STORE EXISTING "VFD S-10A" (VFD S-10A: 25HP,480V,3PH,34A RMS) AND ITS ASSOCIATED POWER FILTER TO BE RELOCATED. SEE ELECTRICAL FLOOR PLAN ON THIS SHEET FOR NEW LOCATION. REMOVE ALL ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING BACK TO MCC-PHL.
4. DISCONNECT EXISTING "VFD E-10A" (VFD E-10A: 7.5HP,480V,3PH,14A RMS) AND ITS ASSOCIATED POWER FILTER TO BE REUSED IN PLACE. REMOVE ALL ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING BACK TO MCC-PHL. RE-LABEL EXISTING 15A/3P BREAKER IN MCC-PHL (1K) AS SPARE.
5. DISCONNECT AND REMOVE DUCT SMOKE DETECTORS FROM SUPPLY AND RETURN DUCTS ALONG WITH THEIR ASSOCIATED REMOTE TEST SWITCHES AND LOCAL A/V DEVICES. REMOVE CONDUIT AND WIRE FROM DETECTORS TO LOCAL TEST SWITCHES PRIOR TO DISCONNECTION, DISABLE CIRCUITS FROM FIRE ALARM CONTROL PANEL. CLEAN AND STORE DUCT SMOKE DETECTORS, REMOTE TEST SWITCHES AND LOCAL A/V DEVICES FOR LATER REUSE.

## 2 ELECTRICAL DEMOLITION PLAN

1/4" = 1'-0"

NORTH




## ELECTRICAL PLAN KEY NOTES: (#)

1. RELOCATE "VFD SF-10A" AND ITS ASSOCIATED POWER FILTER AS INDICATED. PROVIDE A UNISTRUT SUPPORT FRAME SIMILAR TO THAT SUPPORTING "VFD RF-10A". RE-LABEL "VFD SF-10A" WITH NEW EQUIPMENT TAG.
2. PROVIDE POWER FROM EXISTING 50A/3P CIRCUIT BREAKER (1G) IN MCC-PHL AND MAKE FINAL EQUIPMENT CONNECTIONS TO NEW SUPPLY FAN "SF-10A" VIA RELOCATED "VFD SF-10A" AS INDICATED. RE-LABEL BREAKER WITH NEW EQUIPMENT TAG.
3. PROVIDE POWER FROM NEW 20A/3P CIRCUIT BREAKER (3I) IN MCC-PHL VIA REUSED IN PLACE "VFD RF-10A" AND MAKE FINAL EQUIPMENT CONNECTIONS TO NEW RETURN FAN "RF-10A" AS INDICATED. RE-LABEL "VFD RF-10A" AND NEW BREAKER FOR "RF-10A" WITH NEW EQUIPMENT TAG.
4. INSTALL REMOVED DUCT SMOKE DETECTOR, REMOTE TEST SWITCH, AND LOCAL A/V DEVICE IN THE SUPPLY AND RETURN DUCTS AT THE LOCATIONS INDICATED AND MAKE ALL INTERFACE WIRING CONNECTIONS TO EXISTING FACP. UPDATE EQUIPMENT LABELS IN THE FACP. EC TO COORDINATE ALL FACP CONNECTIONS AND LABELLING WITH THE FACILITY ENGINEER.
5. EC TO PROVIDE NEW BRANCH WIRING AND CONDUIT FROM NEW 20A/1P CIRCUIT BREAKER IN EXISTING PANEL 1G TO "GPS I-BAR" UV LIGHTS. EC TO MAKE FINAL CONNECTIONS TO "GPS I-BAR" SYSTEM USING 2#12, 1#12 GRD IN 3/4" RGS/IMC CONDUIT.
6. WHERE NEW EQUIPMENT OR FITTINGS INTERFERE WITH EXISTING LIGHTING FIXTURES, EC SHALL REMOVE, CLEAN, AND INSTALL LIGHT FIXTURES IN WORK AFFECTED AREAS AS REQUIRED IN ORDER TO ENSURE ADEQUATE LIGHTING IN THE SPACE. COORDINATE WITH OWNER BEFORE RE-INSTALLING EXISTING FIXTURES FOR ANY NEW FIXTURE/LIGHTING CONTROL REQUIREMENTS.

## 1 ELECTRICAL PLAN

1/4" = 1'-0"

NORTH

FULLY SPRINKLERED

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

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| ISSUED FOR CONSTRUCTION DOCUMENTS (FINAL BID) | 11/26/13 |
| ISSUED FOR 100% DESIGN SUBMITTAL | 10/28/13 |
| ISSUED FOR 75% DESIGN DEVELOPMENT | 08/22/13 |
| Revisions: | Date |

CONSULTANTS:

ARCHITECT/ENGINEERS:

EPSTEIN

600 West Fulton Street
Chicago, Illinois 60661

Drawing Title: MECHANICAL ROOM ELECTRICAL PLAN

Approved: Project Director

Project Title: REPLACEMENT OF AHU S-10A IN BUILDING 30

Location: 820 S. DAMEN AVE. CHICAGO, IL 60612

Date: 11/26/2013 | Checked: PD | Drawn: JF

Project Number: 537-10-122

Building Number: BUILDING 30

Drawing Number: 30-E-101

Dwg. 10 of 10

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

three inches = one foot 6"
one and one half inches = one foot 1 6"
one inch = one foot 0 6"
three quarters inch = one foot 2 6" 0
one half inch = one foot 4 0
three eighths inch = one foot 4 0
one quarter inch = one foot 8 4 0
one eighth inch = one foot 16 8 4 0
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