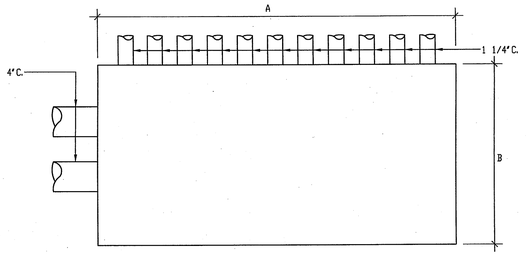
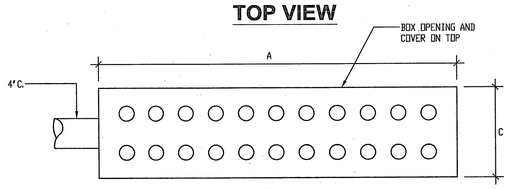


TOP VIEW



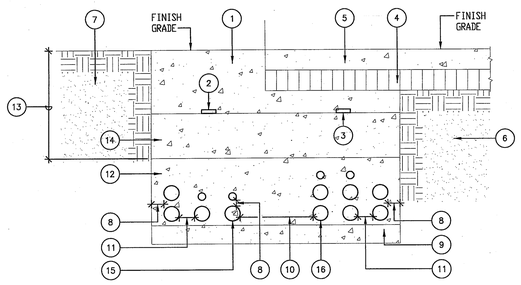
SIDE VIEW

PULLBOX SIZE = A X B X C
= 36" X 18" X 12"

NOTE: DETAIL DREAWING IS FOR ILLUSTRATIVE PURPOSES ONLY. ACTUAL SIZE OF BOX WILL BE DETERMINED BY NUMBER OF CONDUITS TO ROOM DROPS AND NEC SPACING REQUIREMENTS. CONDUIT CONFIGURATION SHOWN MAY EMPLOY IF BOX DEPTH AND CEILING SPACE ALLOWS. CEILING ACCESS PANEL MUST ALLOW ACCESS TO TOP OF BOX. BOX SHALL BE NEMA 1 ENCLOSURE.

VOICE/DATA PULLBOX

SCALE: NTS | 6

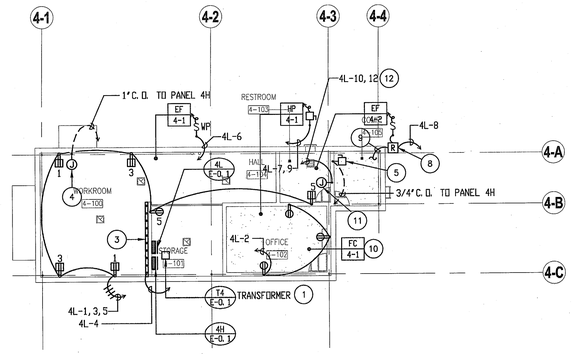


DUCT BANK NOTES:

1. SELECTED BACKFILL SOIL COMPACTED TO 90% RELATIVE DENTSITY.
2. 3" WIDE WARNING TAPE. TAPE SHALL INDICATE "CAUTION BURIED ELECTRICAL CONDUITS".
3. 3" WIDE WARNING TAPE. TAPE SHALL INDICATE "CAUTION BURIED COMMUNICATION CONDUITS".
4. PAVING BASE (WHERE APPLICABLE).
5. NEW ASPHALT OR CONCRETE PAVING (WHERE APPLICABLE).
6. UNDISTURBED EARTH SOIL.
7. BACKFILL TO MATCH EXISTING GRADE AT LANDSCAPED AREAS.
8. 3" MINIMUM COVERAGE.
9. 6" BED OF DAMP SAND.
10. 24" BETWEEN DIFFERENT SYSTEM CONDUITS.
11. 3" BETWEEN IDENTICAL SYSTEM CONDUITS.
12. CONCRETE ENCASEMENT.
13. 36" IN TRAFFIC AREAS, 24" IN NON-TRAFFIC AREAS.
14. DAMP SAND BACKFILL TO WITHIN 12" OF GRADE FINISH.
15. ELECTRICAL CONDUITS SEE SITE PLAN AND RISER DIAGRAM FOR LOCATION, SIZE AND QUANTITY.
16. COMMUNICATION CONDUITS. SEE SITE PLAN AND BLOCK DIAGRAMS FOR LOCATION, SIZE AND QUANTITY.

TYPICAL DUCT DETAIL

SCALE: NTS | 4

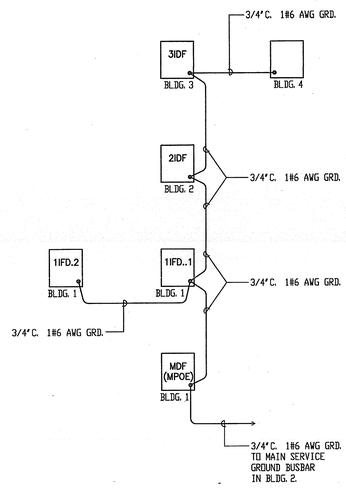


BUILDING 4 - POWER PLAN

SCALE: 1/8"=1'-0" | 1

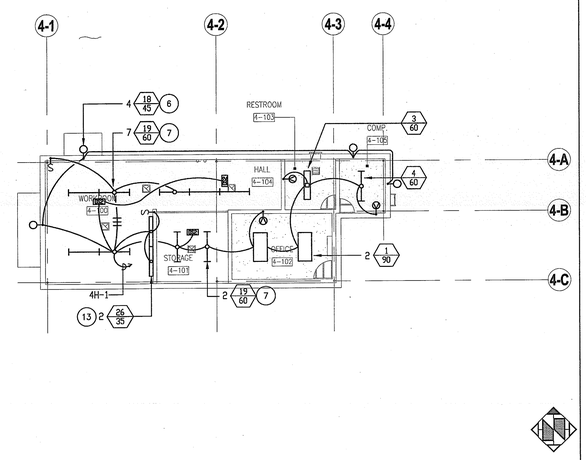
KEYNOTES

1. SUSPEND FROM ROOF FRAMING ABOVE PANELS.
2. 12"SQ X 4"D. NEMA 1 SCREW COVER SURFACE MOUNT PULLBOX.
3. PROVIDE WIREMOLD G3000 SERIES RACEWAY WITH DUPLEX RECEPTACLES 18" O.C. WALL MOUNT +12" ABOVE WORK BENCH.
4. FOR FUTURE 480V. WELDER.
5. 30A, 3-POLE 600V DISCONNECT SWITCH, NEMA 3R, FUSED AT 20A. FOR AIR COMPRESSOR. COMPLETE WIRING TO MOTOR MAGNETIC STARTER PROVIDED BY OTHERS.
6. MOUNT +7'-8" TO BOTTOM OF FIXTURE.
7. CHAIN HANG +9'-6" AFF.
8. CONTROL RELAY BY ELECTRICAL CONTRACTOR.
9. TO LIGHT FIXTURE IN RESTROOM. EXHAUST FAN SHALL BE CONTROLLED WITH THE LIGHT IN RESTROOM. COORDINATE WITH MECHANICAL CONTRACTOR.
10. POWER IS PROVIDED FROM OUTDOOR UNIT. COORDINATE WITH MECHANICAL CONTRACTOR.
11. PROVIDE J-BOX BELOW SINK FOR HARD-WIRED POWER CONNECTION TO INSTA-HOT WATER. COORDINATE POINT OF POWER CONNECTION AND FINAL LOCATION OF BOX PRIOR TO ROUGH-IN.
12. 3/4"C.,2#10,1#10 GROUND.
13. MOUNT FIXTURE ON WALL 6'-0" A.F.F. FROM CENTER OF FIXTURE FOR TASK LIGHTING.
14. (1) 1 1/2"C. WITH LIGHTING CIRCUITS HOMERUNS TO 31DF GROUND BUS IN DATA ROOM, BLDG. 3.



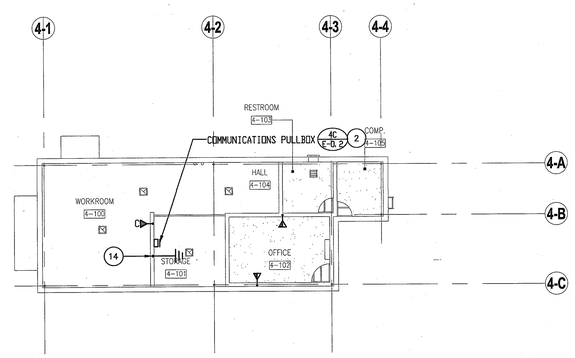
TELECOMMUNICATIONS GROUNDING RISER DIAGRAM

SCALE: NTS | 5



BUILDING 4 - LIGHTING PLAN

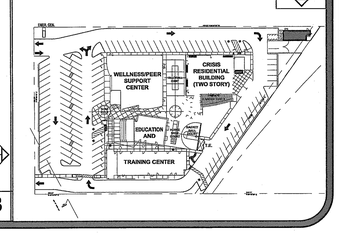
SCALE: 1/8"=1'-0" | 2



BUILDING 4 - SIGNAL PLAN

SCALE: 1/8"=1'-0" | 3

KEYPLAN



County of Orange
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Revisions

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Sht Title BUILDING 4 ELECTRICAL PLANS AND DETAILS
Project COUNTY OF ORANGE HEALTH CARE AGENCY
401 SOUTH TUSTIN STREET
401 SOUTH TUSTIN STREET
ORANGE, CA 92866
PROJ. NO. 100-042-P210-4200

Plan No.
52333-03608

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E-2.4.1

0742 COUNTY OF ORANGE HEALTH CARE AGENCY 401 SOUTH TUSTIN STREET

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