

TELECOMMUNICATIONS LEGEND

AC WORK AREA OUTLET (WAO). THE NUMBER AFTER THE D IS THE QUANTITY OF DATA (CAT6) CABLES. THE NUMBER AFTER THE V IS THE QUANTITY OF VIDEO (RG6) CABLES. MOUNT ON WALL AT 18" AFF UNLESS SUBSCRIPTED OTHERWISE. DO NOT TERMINATE CABLES. TERMINATIONS ARE OFOI. PROVIDE 25' OF SLACK ON ALL CABLES IN THE TR FOR OFOI TERMINATION. SUBSCRIPTS INDICATE AS FOLLOWS:

AC - MOUNT ABOVE COUNTER. COORDINATE WITH CASEWORK PRIOR TO ROUGH-IN.
MF - MOUNT IN MODULAR FURNITURE. COORDINATE WITH FURNITURE PRIOR TO ROUGH-IN.
84" - MOUNTING HEIGHT AFF.
WAP - INDICATES OUTLET IS LOCATED ABOVE CEILING FOR A WAP, SEE DETAIL.

(D3V1) WAO TYPE IDENTIFICATION TAG. THE NUMBER AFTER THE D INDICATES THE QUANTITY OF DATA/VOICE CABLES. THE NUMBER AFTER THE V INDICATES THE QUANTITY OF VIDEO CABLES. EACH CABLE SHALL BE A DEDICATED HORIZONTAL CABLE HOMERUN.

- WAO MOUNTED IN MILLWORK.
- WAO MOUNTED FACE DOWN IN CEILING.
- WAO MOUNTED IN MULTI-UTILITY FLOOR BOX. SEE DETAIL.
- CABLE TRAY. ALL CABLE TRAY SHALL BE MINIMUM 12" WIDE, WELDED STEEL WIRE TYPE CABLE TRAY WITH MINIMUM 4" DEEP SIDE-RAILS.
- TELECOMMUNICATIONS GROUNDING BUSBAR (TGB). SEE DETAILS AND NOTES.
- CONDUIT TERMINATION TO INSULATED BUSHING.
- SHEET NOTE TAG.
- LEADERS.

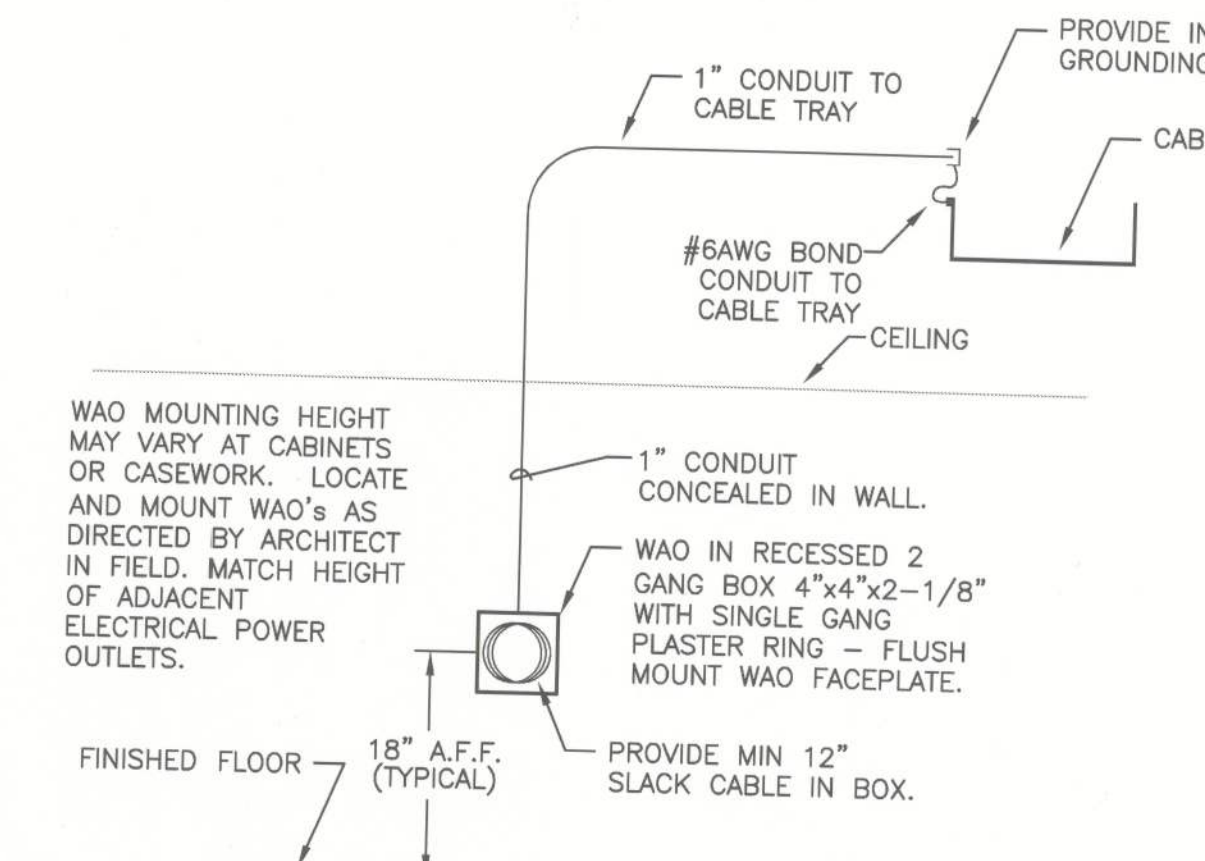
RESPONSIBILITIES & COORDINATION NOTE

THIS LIST IS NOT COMPREHENSIVE. THE STRUCTURED CABLING SYSTEM CONTRACTOR (SCSC) SHALL BE RESPONSIBLE FOR ANY ADDITIONAL REQUIREMENTS SHOWN ON THE TELECOMMUNICATIONS DRAWINGS AND/OR REQUIRED TO PROVIDE A COMPLETE SYSTEM.

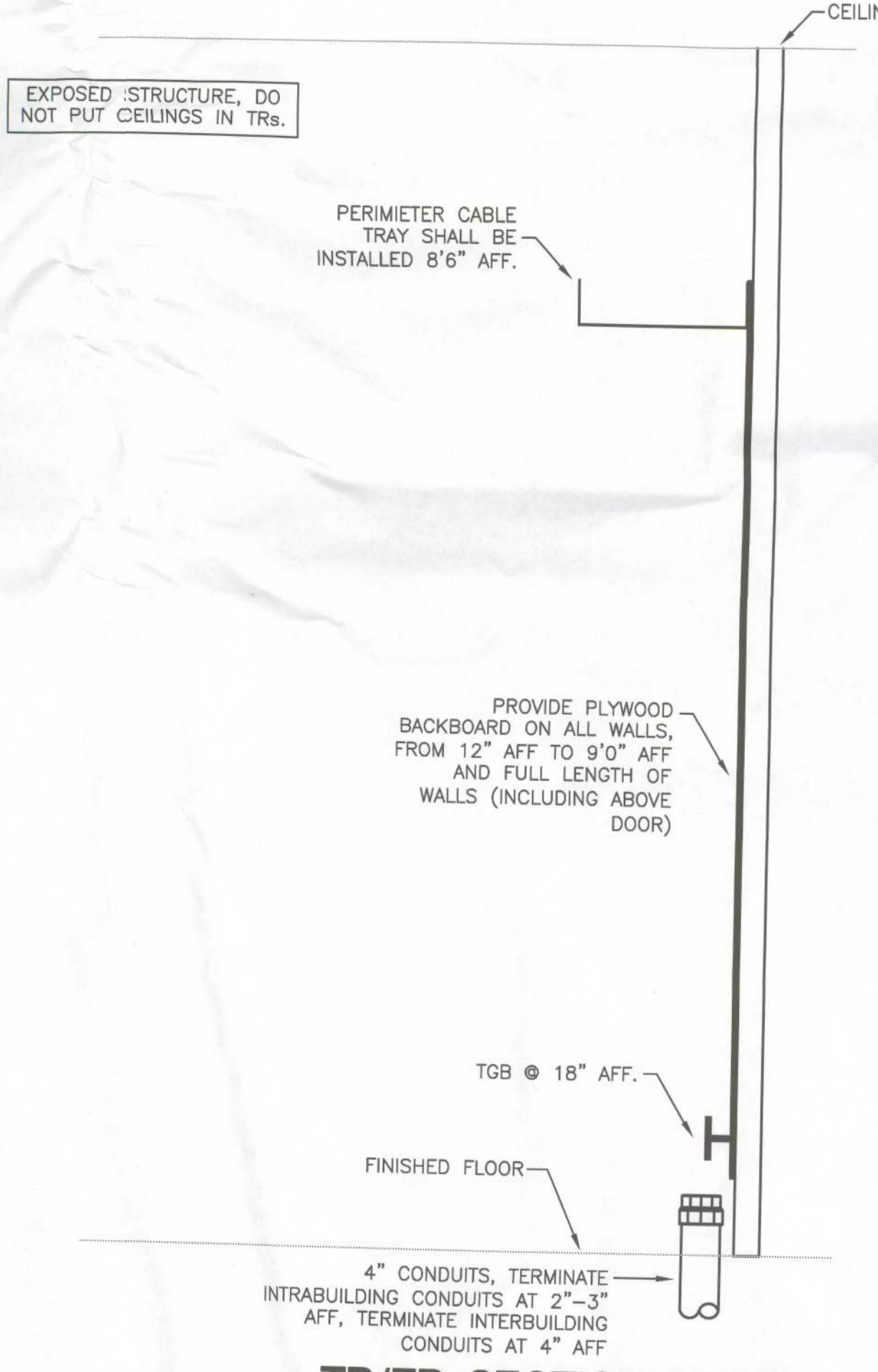
- 1. GROUNDING:
THE ELECTRICAL CONTRACTOR (EC) SHALL BE RESPONSIBLE FOR INSTALLING THE GROUNDING BUSBARS AS SHOWN ON THE DRAWINGS AND CONNECTING THEM TO THE BUILDINGS MAIN ELECTRICAL SERVICE GROUND. THE EC SHALL ALSO BE RESPONSIBLE FOR ALL BONDING BACKBONES AND GROUNDING ALL BACKBONE CONDUIT AND CABLE TRAY. THE STRUCTURED CABLING SYSTEM CONTRACTOR (SCSC) SHALL BE RESPONSIBLE FOR GROUNDING ALL CABLE TRAY IN COMMUNICATION ROOMS TO THE LOCAL TGB IN THE TR.
- 2. FIRESTOPPING:
THE EC SHALL BE RESPONSIBLE FOR FIRESTOPPING SLEEVE ASSEMBLIES TO OBTAIN A UL RATING. THE SCSC SHALL BE RESPONSIBLE FOR FIRESTOPPING INSIDE THE RACEWAYS AFTER INSTALLATION OF CABLING IS COMPLETE.
- 3. RACEWAYS:
THE EC SHALL BE RESPONSIBLE FOR ALL BACKBONE CONDUIT, HORIZONTAL CONDUIT, CABLE TRAYS (EXCEPT PERIMETER CABLE TRAYS AND LADDER TRAYS IN TRs) AND CABLING PATHWAYS. THIS IS TO INCLUDE ALL INTERIOR AND EXTERIOR CONDUIT, ALL WALL PENETRATIONS AND CONDUIT SLEEVES WHETHER SHOWN ON THE DRAWINGS OR AS REQUIRED TO PENETRATE FULL HEIGHT PARTITIONS AS SHOWN ON THE ARCHITECTURAL DRAWINGS. CONDUIT PATHWAYS SHALL INCLUDE ALL DEVICE BOXES, PULLBOXES, PULLTAPE, PULLSTRINGS, CONDUIT MARKINGS, ETC. PROVIDE END BUSHINGS ON ALL CONDUIT. THE SCSC SHALL BE RESPONSIBLE FOR THE FOLLOWING ITEMS IN TELECOMMUNICATIONS ROOMS ONLY: PERIMETER CABLE TRAY, D-RINGS, CABLE TIES AND/OR ANY OTHER REQUIREMENTS FOR ROUTING AND SECURING CABLE IN THE TELECOMMUNICATIONS ROOMS. THE SCSC SHALL PROVIDE ANY INNERDUCT IN BACKBONE CONDUITS AS REQUIRED IN THE SPECIFICATIONS AND DRAWINGS.
- 4. COMMUNICATIONS CABLING:
THE SCSC SHALL BE RESPONSIBLE FOR PROVIDING, INSTALLING AND LABELING ALL COMMUNICATIONS CABLES. VOICE/DATA CABLES SHALL BE CAT6. VIDEO CABLES SHALL BE RG-6 QUAD SHIELD.
- 5. COMMUNICATIONS WORK AREA OUTLETS:
THE EC SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL CONDUIT AND BACKBOXES ASSOCIATED WITH THE WAOS. SCSC SHALL PROVIDE ALL CABLING.
- 6. BACKBOARDS:
THE SCSC SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL BACKBOARDS AS SHOWN ON THE DRAWINGS AND AS REQUIRED TO PROVIDE A COMPLETE SYSTEM. THE EC SHALL BE RESPONSIBLE FOR ROUGH-IN OF ELECTRICAL CONDUIT PRIOR TO INSTALLATION OF BACKBOARDS. ALL POWER CONDUIT SHALL BE CONCEALED IN WALL BEHIND ALL BACKBOARDS. BACKBONE CONDUIT SHALL BE EXPOSED.

ABBREVIATIONS

A	AMPS
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BLDG	BUILDING
C	CONDUIT
C/L	CENTERLINE
CLG	CEILING
CU	COPPER
EC	ELECTRICAL CONTRACTOR
EF	ENTRANCE FACILITY
EGC	EQUIPMENT GROUNDING CONDUCTOR
EMGB	ELECTRICAL MAIN GROUNDING BUSBAR
EX	EXISTING TO REMAIN
EMT	ELECTRICAL METALLIC TUBING
FACP	FIRE ALARM SYSTEM CONTROL PANEL
FLR	FLOOR
GND	GROUND
GEC	GROUNDING ELECTRODE CONDUCTOR
JB	JUNCTION BOX
MCE	MAIN COMMUNICATIONS EQUIPMENT ROOM
M/M	MULTIMODE
MNT	MOUNTING HEIGHT
NEC	NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
OFOI	OWNER FURNISHED OWNER INSTALLED
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
RM	ROOM
RGS	RIGID GALVANIZED STEEL CONDUIT
RNC	RIGID NON-METALLIC CONDUIT
SCSC	STRUCTURED CABLING SYSTEM CONTRACTOR
S/M	SINGLEMODE
TBB	TELECOMMUNICATIONS BONDING BACKBONE
TR	TELECOMMUNICATIONS ROOM
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
TYP	TYPICAL
UFR	UNDERFLOOR RACEWAY
UL	UNDERWRITERS' LABORATORIES
UNO	UNLESS NOTED OTHERWISE
V	VOLT
VA	VOLT-AMPERES
W	WATTS
WAO	WORK AREA OUTLET
WAP	WIRELESS ACCESS POINT
WP	WEATHERPROOF



TYPICAL WAO MOUNTING DETAIL
NOT TO SCALE



TR/ER SECTION DETAIL
SCALE: NONE