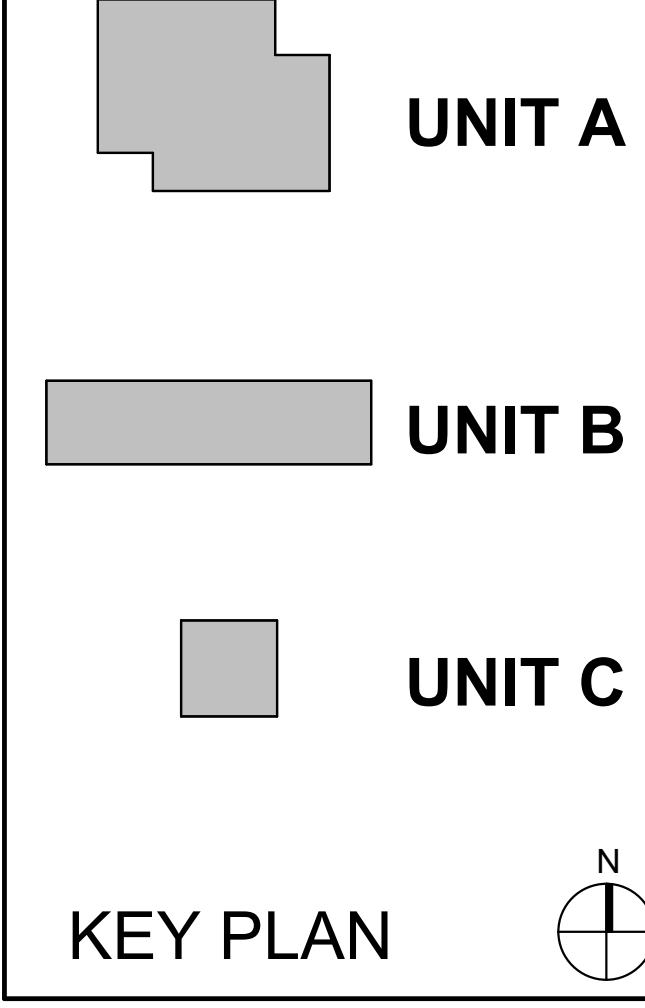


#	Revision	Date
A2	ADDENDUM 2	2.03.2025
A3	ADDENDUM 3	2.10.2025

4355 E Stop 11 Rd
 Indianapolis, IN 46237



Perry Township Schools

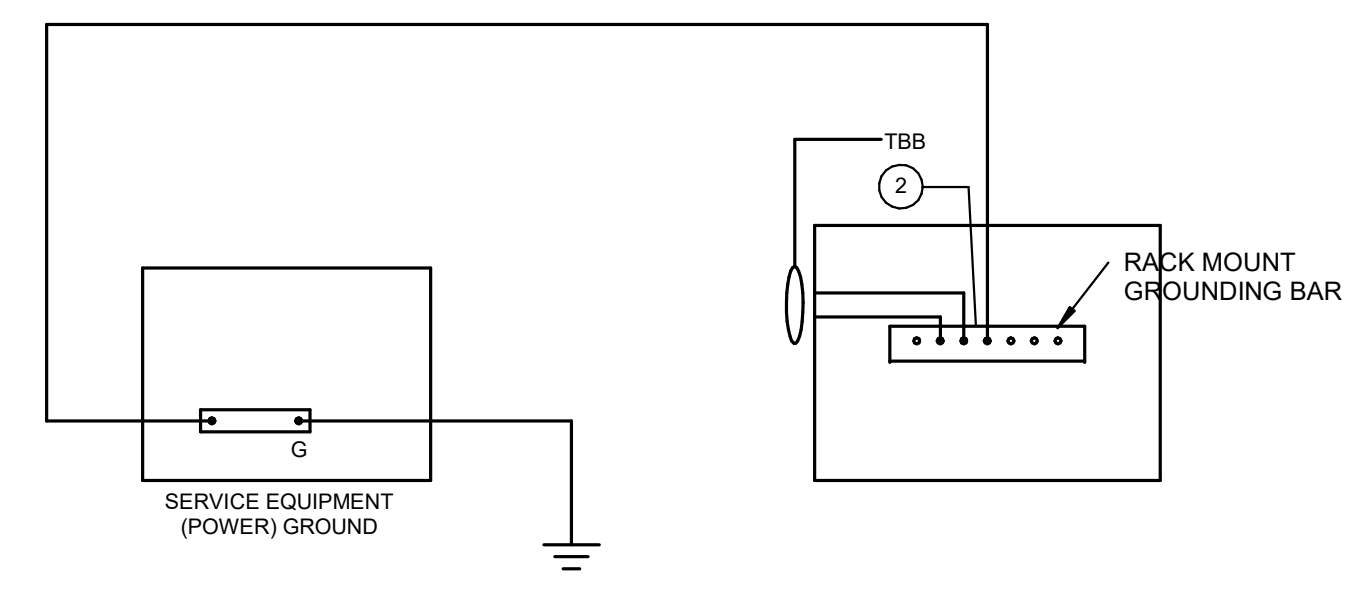
HOLDER FIELD BASEBALL AND SOFTBALL COMPLEX

TELECOMMUNICATIONS DETAILS

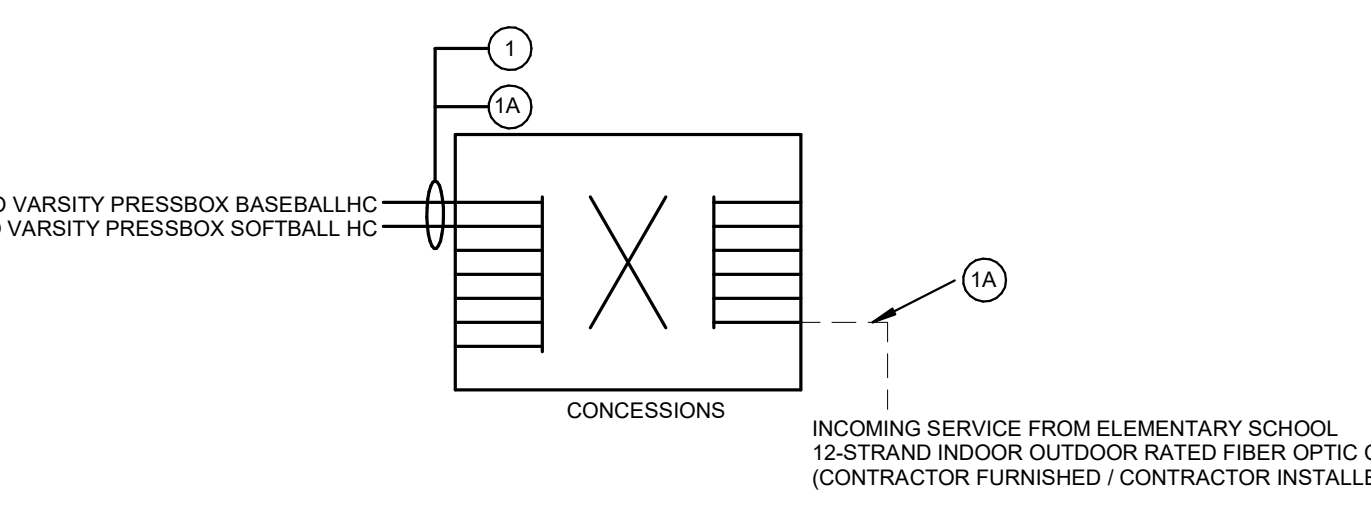
T-501

ROUGH-IN GENERAL NOTES:

1. TERMINATE ALL ROUGH-IN CONDUITS WITH 90 DEGREE SWEEP AND BUSHINGS IN NEAREST CONCEALED ACCESSIBLE CEILING SPACE.
2. CONDUIT BEND RADIIUS TO BE COMPLIANT WITH BICSI TDMM MANUAL 12TH ED.
3. ALL ROUGH-IN CONDUITS ARE 1" UNLESS OTHERWISE NOTED.
4. PROVIDE NO MORE THAN THE EQUIVALENT OF (2) 90 DEGREE BENDS IN A SINGLE CONDUIT RUN.
5. ROUGH-IN OUTLET BOXES TO HAVE 90 DEGREE OPENING CORNERS ON FACE OF BOX.
6. ALL ROUGH-INS BY ELECTRICAL CONTRACTOR.



IF THIS CONNECTOR OR CABLE IS LOOSE OR MUST BE REMOVED, PLEASE CALL THE BUILDING TELECOMMUNICATIONS MANAGER.
 PROVIDE THE ABOVE LABEL ON ALL TMGB / TGB



SIZING OF THE TBB

TBB LENGTH (FEET)	TBB SIZE (AWG)
LESS THAN 13	6
14-20	4
21-26	3
27-33	2
34-41	1
42-52	1/0
53-66	2/0
67-84	3/0
85-105	4/0
106-125	250 kcmil
126-150	300 kcmil
151-175	350 kcmil
176-250	500 kcmil
251-300	600 kcmil
Greater than 301	750 kcmil

CONFIRM ALL SIZING WITH J-STD-607-A

ABBREVIATIONS:
 MC - MAIN CROSS-CONNECT
 HC - HORIZONTAL CROSS-CONNECT
 ER - EQUIPMENT ROOM
 TR - TELECOMMUNICATIONS ROOM
 TBB - TELECOMMUNICATIONS BONDING BACKBONE
 TGB - TELECOMMUNICATIONS GROUNDING BUSBAR
 TMGB - TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
 BC - TELECOMMUNICATIONS BONDING CONDUCTOR

DRAWING NOTES:

1. PROVIDE TELECOMMUNICATIONS BACKBONE CABLING AND GROUNDING / BONDING TBB BETWEEN THE MC AND EACH HC/IC AS FOLLOWS:

- 1A - PROVIDE 6 STRANDS OF SINGLE-MODE FIBER AS SPECIFIED. - TBB SIZED PER STANDARDS
- 1B - PROVIDE 12 STRANDS OF SINGLE-MODE FIBER AS SPECIFIED.
2. WITHIN THE TELECOMMUNICATIONS EQUIPMENT ROOM (ER) AND EACH TELECOMMUNICATIONS ROOM (TR) BOND THE TMGB AND EACH TGB TO THE FOLLOWING:
 - STRUCTURAL STEEL
 - ALL METALLIC MATERIAL
 - CABLE TRAY
 - EQUIPMENT CABINETS AND RACKS

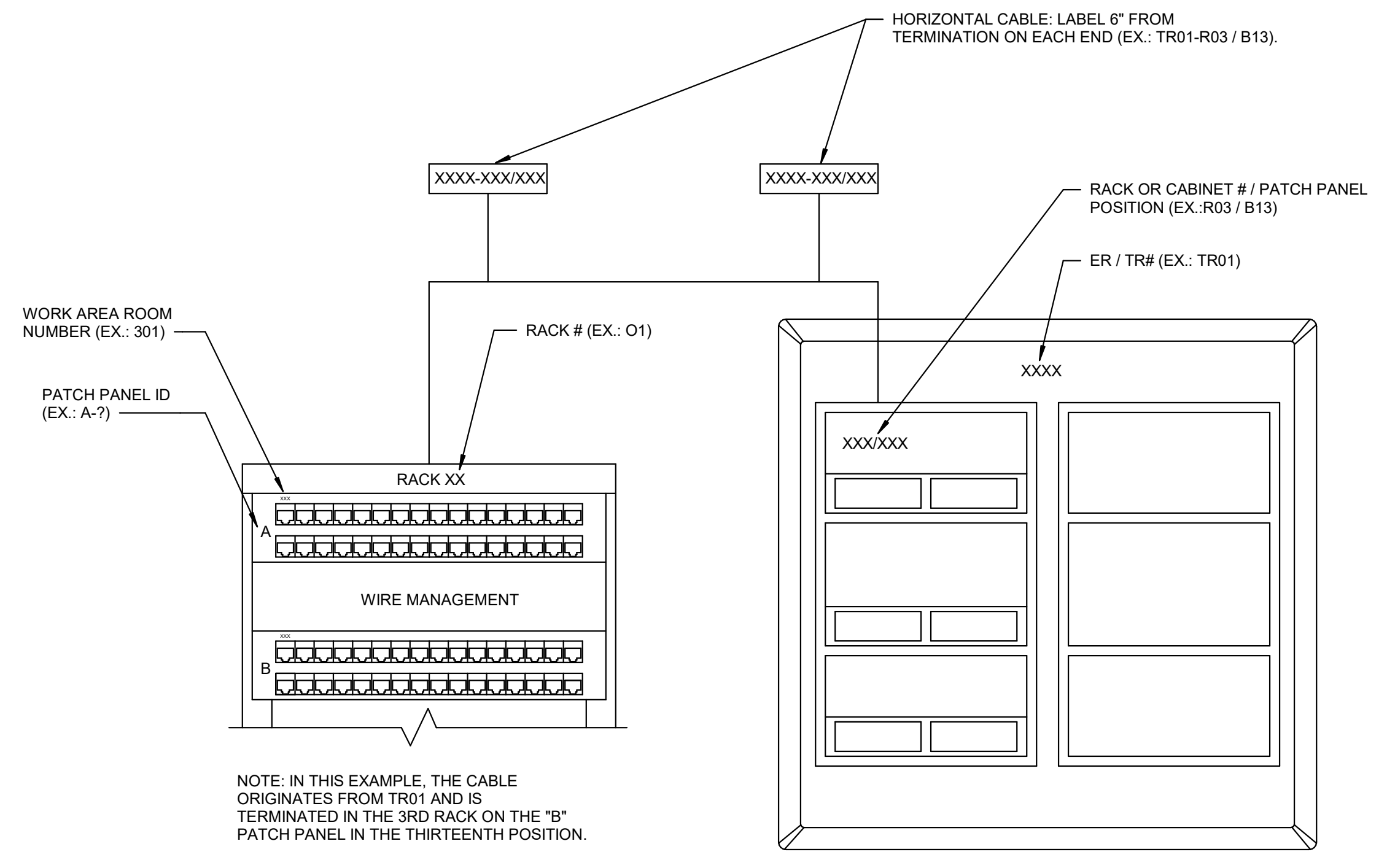
GENERAL NOTES:

1. ALL WORK INDICATED SHALL BE FULLY COMPLIANT WITH THE FOLLOWING STANDARDS.

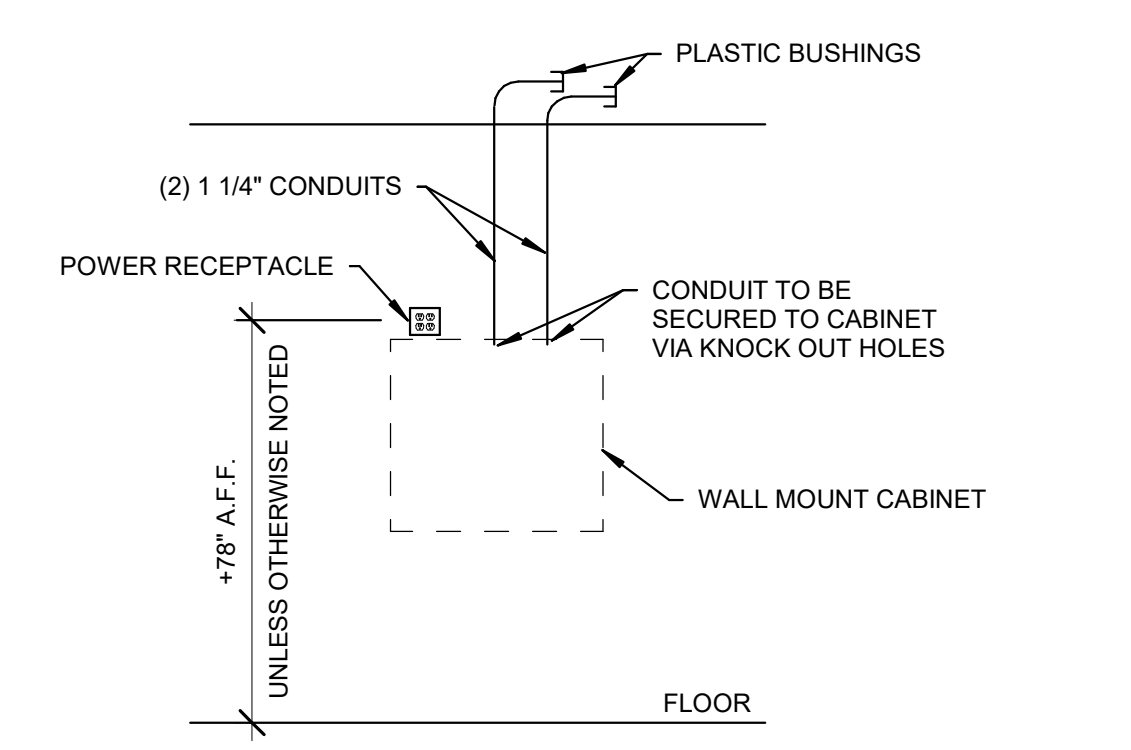
- A. ANSI / TIA / EIA - 568 - B COMMERCIAL BUILDING TELECOMMUNICATIONS STANDARD PART 1, PART 2 AND PART 3 INCLUDING ALL SUB-PARTS AND ADDENDUMS.
- B. TIA - 569 - B COMMERCIAL BUILDING STANDARD FOR TELECOMMUNICATIONS PATHWAYS AND SPACES INCLUDING ALL SUB-PARTS AND ADDENDUMS.
- C. ANSI / TIA / EIA - 606 - A ADMINISTRATION STANDARD FOR COMMERCIAL TELECOMMUNICATIONS INFRASTRUCTURE INCLUDING ALL SUB-PARTS AND ADDENDUMS.
- D. ANSI - J - STD - 607 - A COMMERCIAL BUILDING GROUNDING (EARTHING) AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS.

2. ROUTE ALL TBB ALONG PRIMARY PATHWAY WITH TELECOMMUNICATIONS CABLING.
3. COORDINATE SPECIFIC EQUIPMENT ELEVATIONS WITH ARCHITECT ENGINEER.

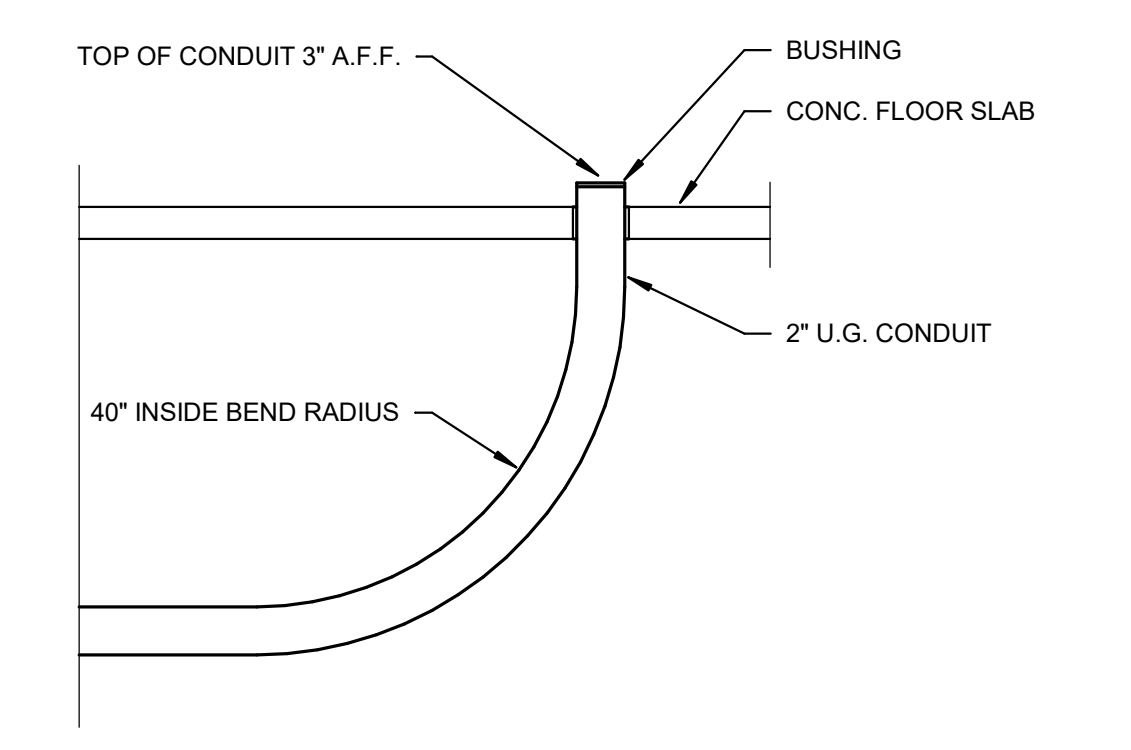
3D BACKBONE / GROUNDING SCHEMATICS
 NOT TO SCALE



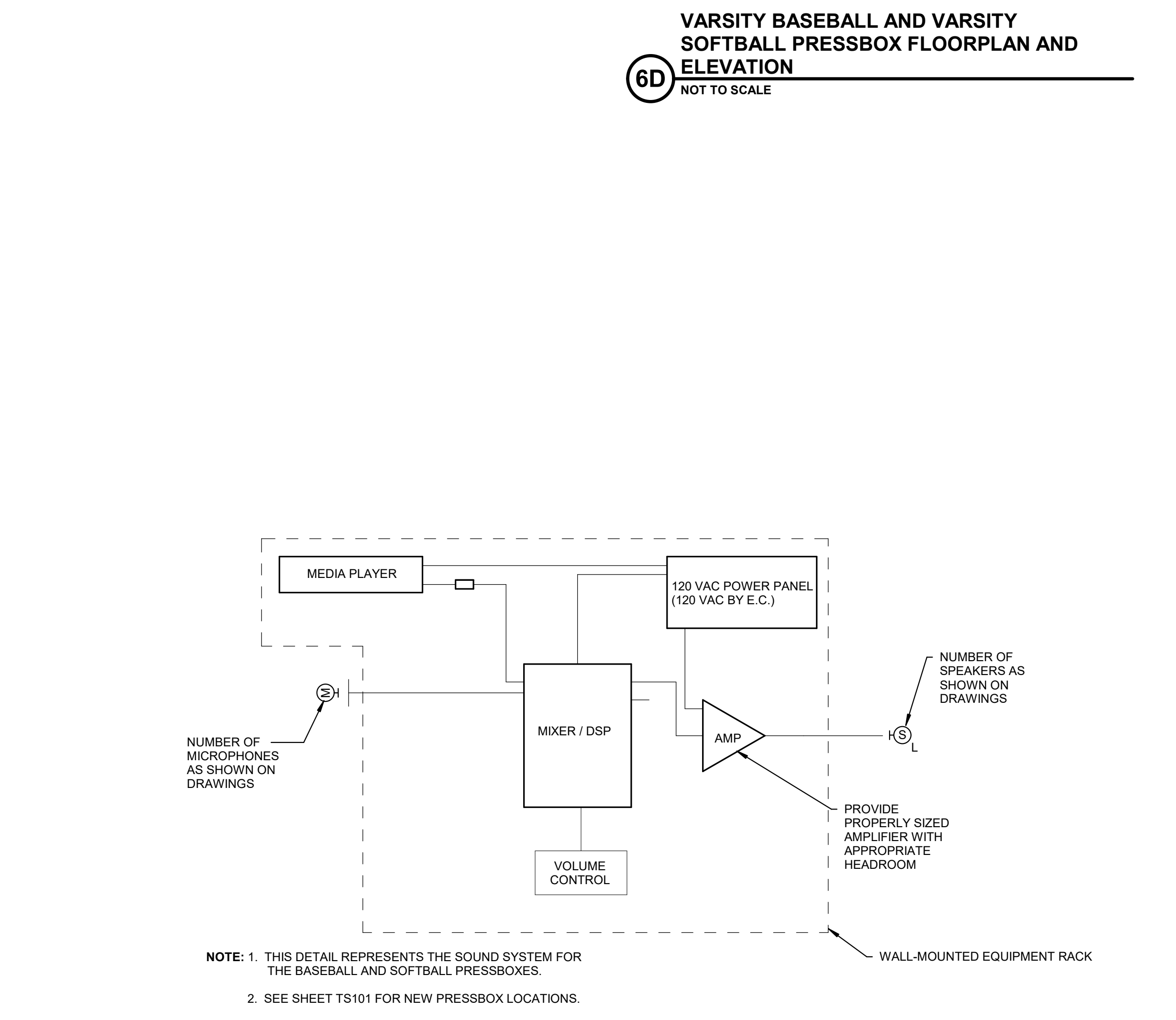
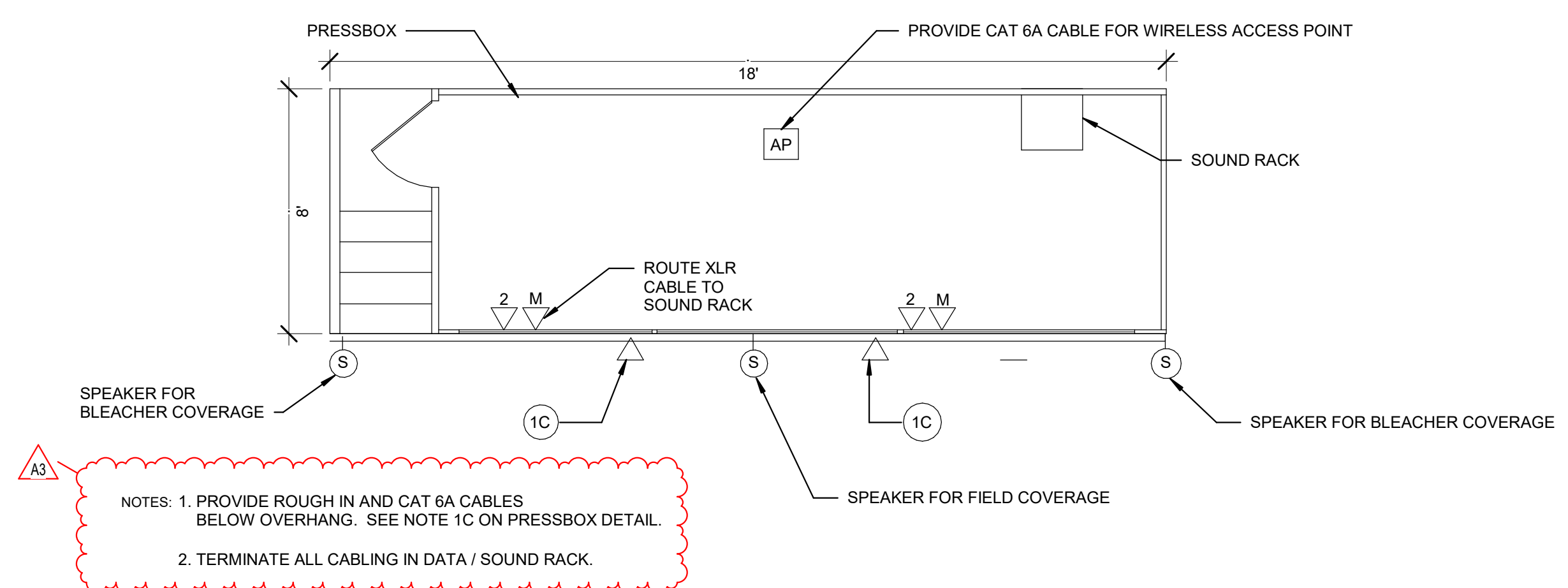
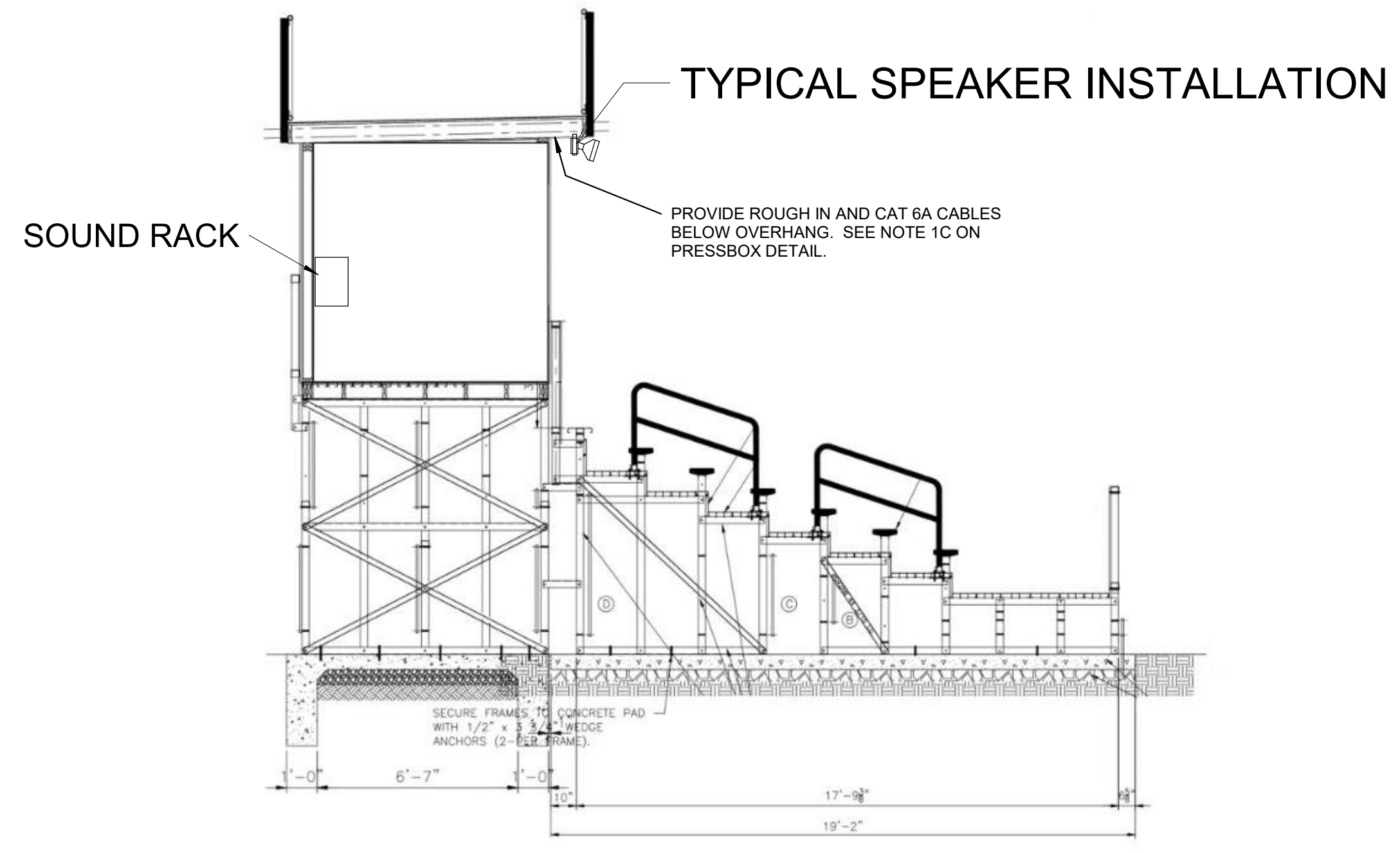
1D WALL-MOUNTED DEVICE ROUGH-IN
 NOT TO SCALE

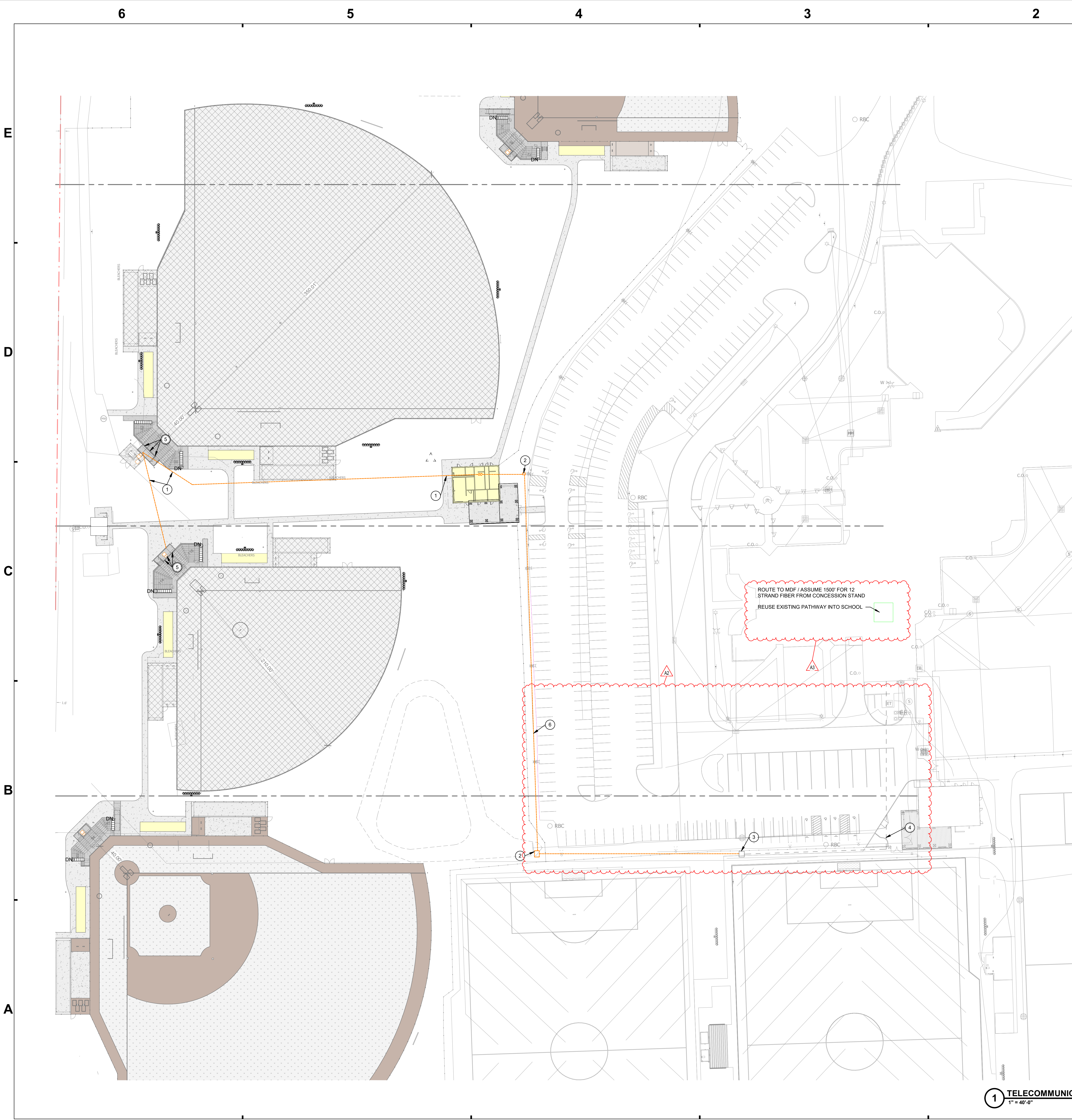


1B WALL-MOUNT SOUND CABINET ROUGH-IN DETAIL
 NOT TO SCALE



1A UNDER GROUND CONDUIT FLOOR TERMINATION DETAIL
 NOT TO SCALE





GENERAL SITE NOTES
NOTES
 A REFER TO SHEET T-001 FOR ADDITIONAL INFORMATION.

TELECOMMUNICATIONS SITE PLAN...
 NOT ALL NOTES APPLY TO EVERY SHEET.
NOTES
 1 PROVIDE 2" UNDERGROUND CONDUIT AND 6-STRAND INDOOR OUTDOOR SINGLE MODE FIBER OPTIC CABLEING.
 2 PROVIDE HANDHOLE AS SPECIFIED.
 3 EXTEND NEW CONDUIT AND FIBER OPTIC CABLEING TO EXISTING HANDHOLE. CONTINUE ROUTING NEW FIBER TO SCHOOL MDF ROOM.
 4 EXISTING CONDUIT ROUTE TO SCHOOL MDF.
 5 PROVIDE 3 OUTDOOR SPEAKERS FOR NEW SOUND SYSTEM LOCATED IN PRESSBOY.
 6 PROVIDE 2" UNDERGROUND CONDUIT AND 12-STRAND INDOOR OUTDOOR RATED SINGLE-MODE FIBER OPTIC CABLE. ROUTE CABLE FROM THE CONCESSION BUILDING TO SCHOOL AND TERMINATE IN MDF ROOM.

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Project No. 2024-029.HF2
 Project Date 01.07.2025
 Produced JLB

Sarah K. Hempstead
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KEY PLAN

Perry Township Schools

Perry Township Schools

HOLDER FIELD BASEBALL AND SOFTBALL COMPLEX

TELECOMMUNICATIONS SITE PLAN
 TS101

1 TELECOMMUNICATIONS SITE PLAN
 1" = 40'-0"

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