COMMUNICATION SYMBOL LEGEND

SYMBOL	DESCRIPTION
1	THIS SYMBOL WITH A NUMBER INSIDE REFERS TO KEYNOTES. REFER TO NOTES ON THE SHEET OR WITHIN THE DETAIL FOR ADDITIONAL INFORMATION
A	EQUIPMENT SCHEDULE. THIS SYMBOL WITH LETTERS INSIDE REFERS EQUIPMENT SCHEDULES, SEE DETAILS AND EQUIPMENT SCHEDULES ON TC101, TC301, TC501 AND TC701.
1	CABLE SCHEDULE. THIS SYMBOL WITH NUMBERS INSIDE REFERS EQUIPMENT SCHEDULES, SEE DETAILS AND EQUIPMENT SCHEDULES ON TC101, TC301, TC501 AND TC701.
1 XXXX	DATA COMMUNICATIONS OUTLET CONNECTIVITY CODE. X IS A 1 THRU 99. SEE TC1XX SHEETS FOR SPECIFIC REQUIREMENTS. XXXX NOTES THAT THE CABLE IS FOR A SPECIFIC USE
1 12:08	SINGLE SIDED DIGITAL CLOCK. SEE CONNECTIVITY CODE FOR CLOCK TYPE. MAY BE LARGE CLOCKS WITH 4" TALL DIGITS AND 6 DIGITS TO INCLUDE SECONDS. SEE DRAWINGS

ABBREVIATIONS

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
2G	TWO-GANG BOX - PROVIDED BY EC	NIC	NOT IN CONTRACT
AC	ABOVE COUNTER - INSTALL BACKBOX SAME HEIGHT AS OTHER ELECTRICAL OUTLETS ABOVE THE COUNTER.	PBO	PROVIDED BY OTHERS
AFF	ABOVE FINISHED FLOOR	PCO-1	PATCH CORD ORGANIZER - 1 UNIT HIGH
AFG	ABOVE FINISHED GROUND	PCO-2	PATCH CORD ORGANIZER - 2 UNITS HIGH
AWG	AMERICAN WIRE GAUGE	PET	PROTECTED ENTRANCE TERMINAL
EMT	EMT TYPE CONDUIT	QTY	QUANTITY
EC	ELECTRICAL CONTRACTOR		

COMMUNICATION EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
A	4-POST ADJUSTABLE RACK. TAPPED SCREW HOLES. EQUIP WITH TWO 6" VERTICAL ORGANIZERS. SHALL HAVE STANDARD SCREW HOLES FOR MOUNTING 19" RACK COMPONENTS. EQUIP WITH CABLE LADDER AS PER SPECS AND DETAILS.	ORTRONICS	19-84-T4SDA2132
B	POWER STRIP, VERTICAL, FOR BACK OF EACH RACK. SALL HAVE (14) NEMA 5-15/20R RECEPTACLES. PLUG INTO WALL OUTLET. SHALL HAVE L5-20P PLUG AND 15' CORD.ATTACH TO THE RACK OR VERTICAL CABLE LADDER OF EACH RACK.	EATON	PDUMV20-36
C	VERTICAL ORGANIZER, 6" WIDE, MOUNT TO SIDE OF RACKS AND IN BETWEEN RACKS WHEN THERE ARE MULTIPLE RACKS IN A ROW	RXL	3326-BK06
D	TELECOMMUNICATIONS GROUND BAR (TGB). 1/4"x4"x10" EQUIPPED WITH INSULATED STAND-OFFS.	HUBBELL	HBBB14210A
E	SINGLE RACK UNIT PATCH CORD ORGANIZER (PCO-1) WITH HINGED COVER.	HUBBELL	HS13C
F	PATCH PANEL-24 PORT, EQUIPPED WITH 8-PIN MODULAR JACKS TO MATCH THE CABLE COLOR AND CABLE TYPE BEING TERMINATED. PROVIDE ONE MODULAR JACK FOR EACH CABLE BEING TERMINATED. SEE SPEC AND DRAWINGS FOR COLORS. EQUIP WITH REAR CABLE ORGANIZER	HUBBELL	PANEL:HPJ24 ORGANIZER:ECMBR3
G	RACK MOUNT FIBER PANEL. USE WHEN TERMINATING 24 OR LESS FIBER STRANDS. PROVIDE EACH FIBER PANEL WITH "SC" SIX OR 12 PACKS AS REQUIRED FOR TERMINATION OF ALL FIBERS. PROVIDE SPLICE TRAY AND SHELF FOR FUSION SPLICES TO PIGTAILS.	HUBBELL	FPR3SP
H	FIBER OPTIC CABLE STOWAGE RING. WALL MOUNTED. 12" OR 24". PROVIDE AND INSTALL TO SUPPORT BEND RADIUS REQUIREMENTS OF THE FIBER CABLE'	LEVITON	12" #48900-IFR / 24" #48900-OFR
J	RACK MOUNT SHELF. MESH BASE WITH 14" DEPTH MINIMUM	MIDDLE ATLANTIC	UFA-14.5

CABLE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
1	CAT-6 UTP CABLES FOR DATA COMMUNICATIONS SHALL BE BLUE IN COLOR	MOHAWK	M58281
2	CAT-6 UTP CABLES FOR SECURITY CAMERAS SHALL BE GREEN IN COLOR	MOHAWK	M58286
3	CAT-6A UTP CABLES FOR WIRELESS ACCESS POINTS SHALL BE YELLOW IN COLOR	MOHAWK	M59148
4	CAT-6 UTP CABLES FOR INTERCOMS SHALL BE PURPLE IN COLOR	MOHAWK	M58290
5	LONG-DISTANCE UTP CABLE. PLENUM RATED	PAIGE	SEE SPECS
6	CAT-6 UTP CABLES FOR CLOCK/PAGING CONNECTIVITY SHALL BE BROWN IN COLOR	MOHAWK	M58756
7	24 STRAND SINGLEMODE, INDOOR/OUTDOOR FIBER CABLE, PLENUM RATED	OCC	DZ024TSLA9YP
8	CAT-6 OUTDOOR RATED, SHIELDED CABLE	BELDEN	OSP6F

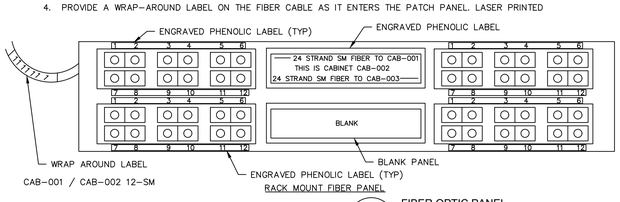
1

IP CLOCK EQUIPMENT SCHEDULE

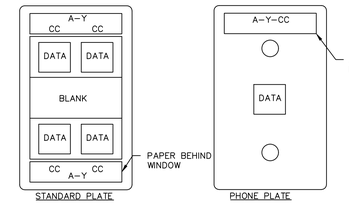
MARK	DESCRIPTION	MANUFACTURER	PART NO.
TA	DIGITAL CLOCK, 2.5" RED DIGITS, WALL MOUNT.	SAPLING	SBP-31S-254-OG
TB	DIGITAL, "LARGE CLOCK", 4" RED DIGITS, 6 DIGITS WITH SECONDS WALL MOUNT.	SAPLING	SBP-31S-406-OG

NOTES

1. THE FIBER PANELS AT THE RACK AND AT THE EXTERIOR CABINETS SHALL BE LABELED TO IDENTIFY THE FIBER.
2. LABELS IDENTIFYING THE FIBER CABLES SHALL BE ENGRAVED LABELS WITH BLACK BACKGROUND AND WHITE LETTERS.
3. SIZE THE LABELS TO MATCH THE SIZE OF THE PANEL. PROVIDE A SAMPLE TO THE OWNER AND ENGINEER PRIOR TO PURCHASING.
4. PROVIDE A WRAP-AROUND LABEL ON THE FIBER CABLE AS IT ENTERS THE PATCH PANEL. LASER PRINTED



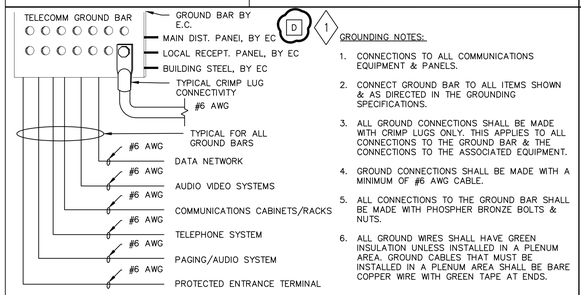
4 TC103 FIBER OPTIC PANEL LABELING DETAIL — NOT TO SCALE



NOTES:
1. INSTALL A PAPER LABEL BEHIND THE PLASTIC WINDOW IN STANDARD PLATES THAT ARE EQUIPPED WITH THE WINDOWS.
2. PROVIDE ADHESIVE LABELS ON WALL PHONE PLATES & SURFACE MOUNT OUTLETS & PLATES WITHOUT LABELING WINDOWS.

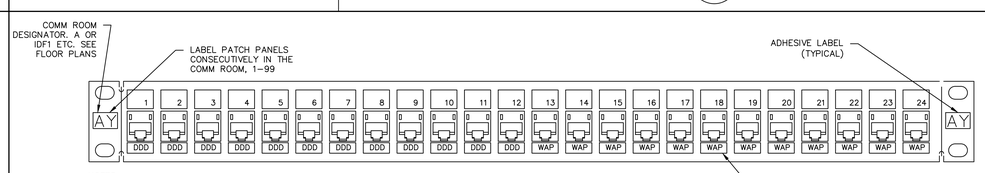
DATA CABLE LABEL:
A = COMMUNICATIONS ROOM, A, B, ETC.
Y = PATCH PANEL IN THAT RACK OR CABINET 1-X
CC = PORT ON THAT PANEL FROM 01-24

1 TC101 TYPICAL FACEPLATE LABELING



GROUNDING NOTES:
1. CONNECTIONS TO ALL COMMUNICATIONS EQUIPMENT & PANELS.
2. CONNECT GROUND BAR TO ALL ITEMS SHOWN & AS DIRECTED IN THE GROUNDING SPECIFICATIONS.
3. ALL GROUND CONNECTIONS SHALL BE MADE WITH CRIMP LUGS ONLY. THIS APPLIES TO ALL CONNECTIONS TO THE GROUND BAR & THE CONNECTIONS TO THE ASSOCIATED EQUIPMENT.
4. GROUND CONNECTIONS SHALL BE MADE WITH A MINIMUM OF #6 AWG CABLE.
5. ALL CONNECTIONS TO THE GROUND BAR SHALL BE MADE WITH PHOSPHER BRONZE BOLTS & NUTS.
6. ALL GROUND WIRES SHALL HAVE GREEN INSULATION UNLESS INSTALLED IN A PLENUM AREA. GROUND CABLES THAT MUST BE INSTALLED IN A PLENUM AREA SHALL BE BARE COPPER WIRE WITH GREEN TAPE AT ENDS.

7 TC101 COMMUNICATIONS GROUNDING DETAIL



NOTES:
1. INSTALL A LABEL TO EACH PATCH PANEL DETAILING THE COMM ROOM NUMBER AND PATCH PANEL NUMBER. EACH PANEL IS PRE-NUMBERED 01-24 ON EACH PANEL.
2. ALL LABELS ADDED TO THE PANEL SHALL BE LASER PRINTED AND CUT TO FIT. ALL NUMBERS SHALL EXACTLY ALIGN WITH THE LOCATION ON THE PATCH PANEL.
3. IF THE PANEL IS NOT PRE-LABELED 01-24 THEN THE CONTRACTOR SHALL INSTALL A LABEL FOR EACH PORT.
4. THE CABLES SHALL BE TERMINATED ON THE PATCH PANEL IN NUMERICAL ORDER. NO EXCEPTIONS.
5. ADD LABELS FOR CAMERA NUMBERS OR WAP NUMBERS DEPENDING UPON PATCH PANEL. SEE RACK LAYOUTS TO DETERMINE IF CAMERA AND WAP CABLES WILL BE ON SEPARATE OR SHARED PATCHPANELS

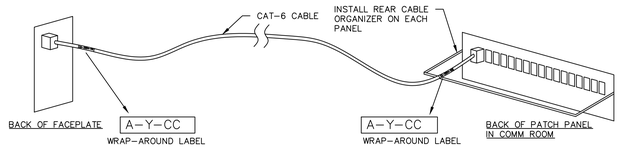
DATA CABLE LABELING A-Y-CC

A = COMMUNICATIONS ROOM NUMBER. A, B OR C ETC.
Y = PATCH PANEL IN THAT COMMUNICATIONS ROOM
CC = PORT NUMBER ON PATCH PANEL 1-24.

DDD = CAMERA NUMBER. MEET WITH OWNER AND SECURITY CONTRACTOR TO OBTAIN THIS NUMBER

WAP = WAP NUMBER. MEET WITH OWNER TO OBTAIN THIS NUMBER

5 TC101 CAMERA OR WIRELESS PANEL LABELING

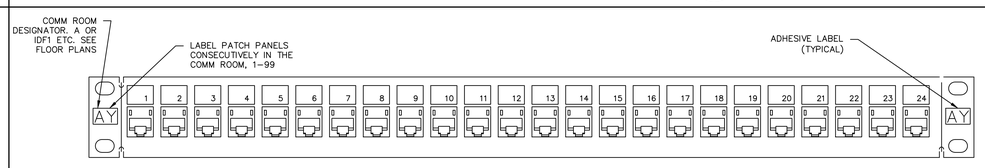


NOTES:
1. INSTALL A WRAP-AROUND LABEL AT EACH END OF EACH CABLE.
2. WRAP-AROUND LABELS SHALL BE LASER-PRINTED AND SHALL BE SELF-LAMINATING.

CABLE LABEL:

A = COMMUNICATIONS ROOM NUMBER. A, B OR C ETC.
Y = PATCH PANEL IN THAT COMMUNICATIONS ROOM
CC = PORT NUMBER ON PATCH PANEL 0-24.
DDD = CAMERA OR WAP NUMBER

2 TC101 TYPICAL CABLE LABELING AT FACEPLATE & PATCH PANEL

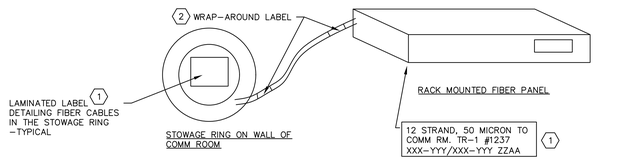


NOTES:
1. INSTALL A LABEL TO EACH PATCH PANEL DETAILING THE COMM ROOM NUMBER AND PATCH PANEL NUMBER. EACH PANEL IS PRE-NUMBERED 01-24 ON EACH PANEL.
2. ALL LABELS ADDED TO THE PANEL SHALL BE LASER PRINTED AND CUT TO FIT. ALL NUMBERS SHALL EXACTLY ALIGN WITH THE LOCATION ON THE PATCH PANEL.
3. IF THE PANEL IS NOT PRE-LABELED 01-24 THEN THE CONTRACTOR SHALL INSTALL A LABEL FOR EACH PORT.
4. INDIVIDUAL CABLES AT A SINGLE FACEPLATE SHALL BE LABELED IN SEQUENCE AS PER THE PATCH PANEL.
5. THE CABLES SHALL BE TERMINATED ON THE PATCH PANEL IN NUMERICAL ORDER. NO EXCEPTIONS.

DATA CABLE LABELING A-Y-CC

A = COMMUNICATIONS ROOM NUMBER. A, B OR C ETC.
Y = PATCH PANEL IN THAT COMMUNICATIONS ROOM
CC = PORT NUMBER ON PATCH PANEL 0-24.

6 TC101 CAT-6 DATA PANEL LABELING



KEYED NOTES:
1. PROVIDE ADHESIVE LABEL ON FRONT OF EACH FIBER PANEL FOR LABELING THE FIBER CABLES
2. INSTALL SELF-LAMINATING, WRAP-AROUND LABELS AT FIBER PANEL AND STOWAGE RING.

XXX = CABINET OR BUILDING. CAB/ADM IN EXAMPLE
YYY = CABINET NUMBER OR BUILDING ROOM #
ZZ = FIBER STRAND COUNT
AA = MULTIMODE MM OR SINGLEMODE SM

3 TC101 FIBER OPTIC CABLE LABELING

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

NEW FIELD HOUSE

Dexter Community School District

DRAWING TITLE

Cabling Legends, Schedules & Details

ISSUE DATES

03-18-2026	D.R. 2 - ADDENDUM #1
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS

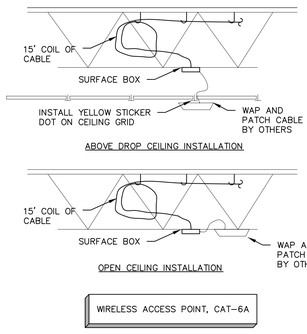
DATE:	ISSUED FOR:
DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25026E

DRAWING NO.

TC101



10

PARTS

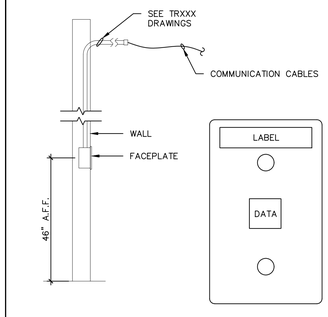
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6A CABLES-YELLOW	MOHAWK	M59148
1	CAT-6A JACK	HUBBELL	HJ6AY

CONNECTIVITY CODE

INSTALLATION NOTES:

1. PROVIDE A SURFACE MOUNT BOX TO THE BUILDING STRUCTURE NEAR THE ACCESS POINT LOCATION.
2. INSTALL A LASER PRINTED CABLE LABEL ON THE CEILING WHERE THE CABLE TERMINATES. THIS WILL ALLOW THE FUTURE USER TO FIND THE CABLE TO EVENTUALLY INSTALL WIRELESS ACCESS POINT.

10 CONNECTIVITY CODE
TC102



5

PARTS

QTY	DESCRIPTION	MANUFACTURER	PART #
1	CAT-6 CABLE	MOHAWK	M58281
1	TELEPHONE PLATE	HUBBELL	SP6F

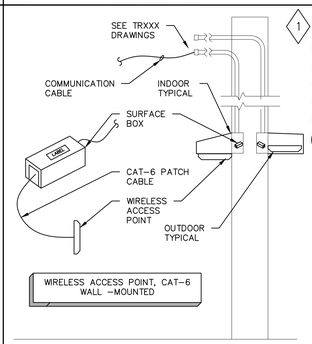
CONNECTIVITY CODE

5 CONNECTIVITY CODE
TC102

CONNECTIVITY CODE INSTALLATION NOTES:

1. REFER TO THESE NOTES FOR ALL CONNECTIVITY CODES. FOR SPECIALIZED NOTES SEE THE ACTUAL CONNECTIVITY CODE.
2. ROUTE ALL USER CABLES FROM THE RACK OR CABINET, THROUGH THE CABLE TRAY IF SO PROVIDED. IF NO CABLE TRAY IS SHOWN INSTALL CABLES THROUGH "J" HOOKS. PROVIDE ALL "J" HOOKS.
3. CABLES SHALL BE SUPPORTED NO LESS THAN EVERY 5 FEET.
4. PROVIDE A SMALL LOOP OF CABLE ABOVE THE CEILING PRIOR TO INSTALLING THE CABLE INTO THE USER CONDUIT OR RACEWAY.
5. ROUTE THE CABLE THROUGH THE CONDUIT OR RACEWAY AND TO THE WALLBOX, FLOORBOX OR SURFACE MOUNT BOX. PROVIDE ENOUGH EXTRA CABLE FOR TERMINATION AND MAINTENANCE.
6. TERMINATE ALL CABLES WITH THE CORRECT CONNECTORS.
7. ALL CONNECTORS SHALL BE INSERTED INTO THE KEYSTONE PLATES AND THEN THE KEYSTONE PLATES SHALL BE INSTALLED INTO THE FACEPLATES.
8. INSTALL FACEPLATES TO THE BOXES OR DIRECTLY TO THE WALL OR FURNITURE IN THE CASE OF SURFACE MOUNT BOXES.
9. EACH CABLE SHALL HAVE A LASER-PRINTED, SELF-LAMINATING WRAP-AROUND LABEL AT EACH END. SEE DETAILS ON TC101
10. OUTLETS SHALL BE AT 18" AFF UNLESS NOTED ON THE CONNECTIVITY CODE OR PLAN DRAWINGS.
11. LABEL EACH FACEPLATE WITH A LASER-PRINTED LABEL THAT IS INSTALLED BEHIND THE CLEAR PLASTIC LABEL STRIP. WHERE NO LABEL STRIP IS PROVIDED, THE CONTRACTOR SHALL INSTALL A LASER PRINTED ADHESIVE LABEL. WHERE SPECIFICALLY NOTED, THE CONTRACTOR SHALL INSTALL ENGRAVED LAMACOID LABELS.
12. AFTER INSTALLATION, ALL CABLES SHALL BE TESTED. SEE SPECIFICATIONS FOR TESTING REQUIREMENTS.
13. SEE DRAWINGS AND SPECS FOR DETAILS ON LABELING PLATES AND PANELS IN THE COMM ROOMS
14. PROVIDE FLEXIBLE CONDUIT FROM THE WALLBOX OR FLOORBOX TO THE FURNITURE RACEWAY WHERE CABLES ARE INSTALLED IN FURNITURE.

N CONNECTIVITY CODE MOHAWK NOTE
TC102



1

11

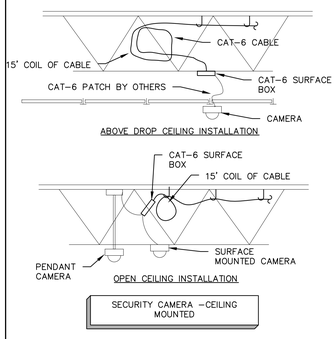
PARTS

QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6A CABLES-YELLOW	MOHAWK	M59148
1	CAT-6A JACK	HUBBELL	HJ6AY
INDOOR MOUNT			
1	RIGHT ANGLE AP MOUNT OBERON		1011-00-WH
OUTDOOR MOUNT			
1	RIGHT ANGLE AP MOUNT OBERON		1022 SERIES

CONNECTIVITY CODE

NOTES:
1. IF NO CONDUIT EXISTS, FISH WALL.
2. INSTALL IN BACKBOX OR ABOVE CEILING.

11 CONNECTIVITY CODE
TC102



6

PARTS

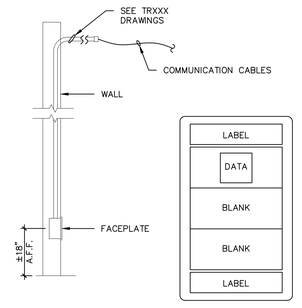
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLES-GREEN	MOHAWK	M58286
1	CAT-6 JACK	HUBBELL	HXJ6GN

CONNECTIVITY CODE

INSTALLATION NOTES:

1. PROVIDE A SURFACE MOUNT BOX TO THE BUILDING STRUCTURE NEAR THE SECURITY CAMERA LOCATION.
2. SEE FLOORPLAN FOR LOCATION.
3. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR TYPE

6 CONNECTIVITY CODE
TC102



1

PARTS

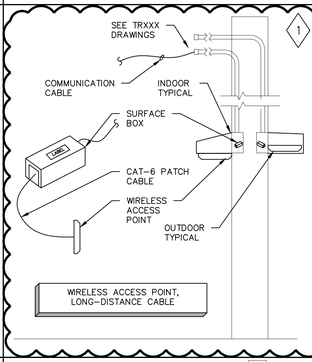
QTY	DESCRIPTION	MANUFACTURER	PART #
1	FACEPLATE	HUBBELL	IMF1OW
1	CAT-6 CABLES	MOHAWK	M58281
1	CAT-6 JACK	HUBBELL	HXJ6OW
1	ONE-HOLE KEYSTONE	HUBBELL	IM1K1OW
2	1 UNIT BLANK	HUBBELL	IMB1OW

CONNECTIVITY CODE

INSTALLATION NOTES:

1. SEE FLOORPLAN FOR LOCATION.
2. TERMINATE CABLES. LABEL CABLES AND FACEPLATE. SEE DETAILS AND SPECS FOR LABELING REQUIREMENTS

1 CONNECTIVITY CODE
TC102



1

12

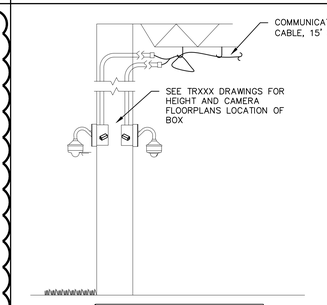
PARTS

QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	LONG DISTANCE-YELLOW	PAIGE	SEE SPECS
1	CAT-6A JACK	HUBBELL	HJ6AY
INDOOR MOUNT			
1	RIGHT ANGLE AP MOUNT OBERON		1011-00-WH
OUTDOOR MOUNT			
1	RIGHT ANGLE AP MOUNT OBERON		1022 SERIES

CONNECTIVITY CODE

NOTES:
1. IF NO CONDUIT EXISTS, FISH WALL.
2. INSTALL IN BACKBOX OR ABOVE CEILING.

12 CONNECTIVITY CODE
TC102



7

PARTS

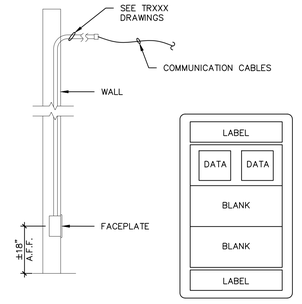
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLES-GREEN	MOHAWK	M58286
1	CAT-6 JACK	HUBBELL	HXJ6GN

CONNECTIVITY CODE

INSTALLATION NOTES:

1. PROVIDE A SURFACE MOUNT BOX TO THE BACKBOX AT THE SECURITY CAMERA LOCATION.
2. SEE FLOORPLAN FOR INSTALLATION LOCATION. SEE TR RACEWAY DRAWINGS FOR HEIGHT OF CAMERA AND CABLING.

7 CONNECTIVITY CODE
TC102



2

PARTS

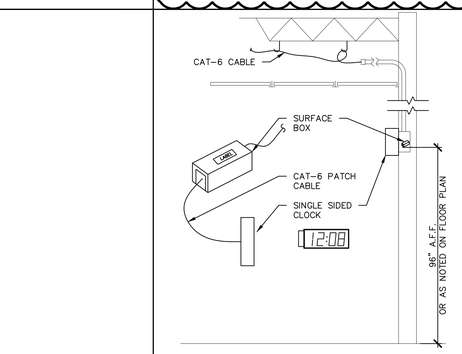
QTY	DESCRIPTION	MANUFACTURER	PART #
1	FACEPLATE	HUBBELL	IMF1OW
2	CAT-6 CABLES	MOHAWK	M58281
2	CAT-6 JACK	HUBBELL	HXJ6OW
1	TWO-HOLE KEYSTONE	HUBBELL	IM2K1OW
2	1 UNIT BLANK	HUBBELL	IMB1OW

CONNECTIVITY CODE

INSTALLATION NOTES:

1. SEE FLOORPLAN FOR LOCATION.
2. TERMINATE CABLES. LABEL CABLES AND FACEPLATE. SEE DETAILS AND SPECS FOR LABELING REQUIREMENTS

2 CONNECTIVITY CODE
TC102



13

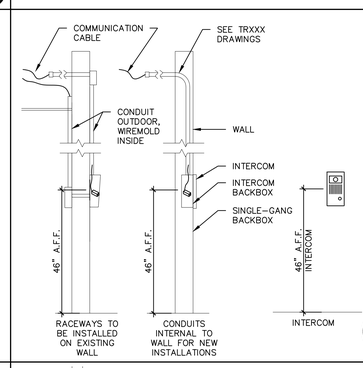
PARTS

QTY	DESCRIPTION	MANUFACTURER	PART #	
1	SURFACE BOX	HUBBELL	HSB10W	
1	CAT-6 CABLE-BLUE	MOHAWK	M58281	
1	CAT-6 JACK-BLUE	HUBBELL	HXJ6BL	
1	IP CLOCK	SAPLING	SBP-31S-254-OG	TA
WHERE NOTED AS "LARGE CLOCK" PROVIDE:				
1	IP CLOCK	SAPLING	SBP-31S-406-OG	TB

CONNECTIVITY CODE

NOTES:
1. INSTALL THE DATA CABLE IN THE BACKBOX.
2. PROVIDE A PATCH CABLE TO CONNECT THE CLOCK DEVICE.
3. TEST CLOCK

13 CONNECTIVITY CODE
TC102



8

PARTS

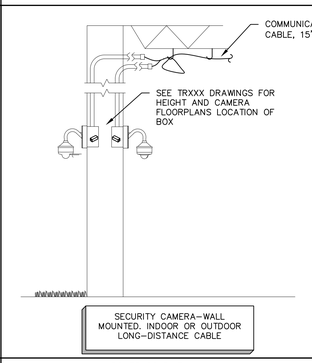
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLE-PURPLE	MOHAWK	M58290
1	CAT-6 JACK-PURPLE-RACK	HUBBELL	HXJ6P
1	CAT-6 JACK-PURPLE-PLATE	HUBBELL	HXJ6P

CONNECTIVITY CODE

INSTALLATION NOTES:

1. PROVIDE A SURFACE MOUNT BOX TO THE BACKBOX AT THE INTERCOM LOCATION.
2. SEE FLOORPLAN FOR INSTALLATION LOCATION.
3. TERMINATE THE PURPLE CABLE WITH A PURPLE JACK AT BACKBOX AND AT COMM ROOM. CHOOSE LAST PORT ON A PATCH PANEL.

8 CONNECTIVITY CODE
TC102



3

PARTS

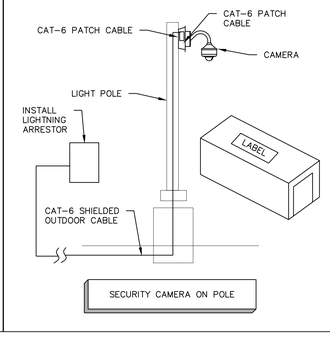
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	LONG DISTANCE	PAIGE	SEE SPECS
1	CAT-6 JACK	HUBBELL	HXJ6GN

CONNECTIVITY CODE

INSTALLATION NOTES:

1. PROVIDE A SURFACE MOUNT BOX TO THE BACKBOX AT THE SECURITY CAMERA LOCATION.
2. SEE FLOORPLAN FOR INSTALLATION LOCATION. SEE TR RACEWAY DRAWINGS FOR HEIGHT OF CAMERA AND CABLING.
3. UTILIZE LONG-DISTANCE CABLE AS THIS WILL BE FAR AWAY FROM THE COMM ROOM. TERMINATE CABLE WITH GREEN JACKS.

3 CONNECTIVITY CODE
TC102



14

PARTS

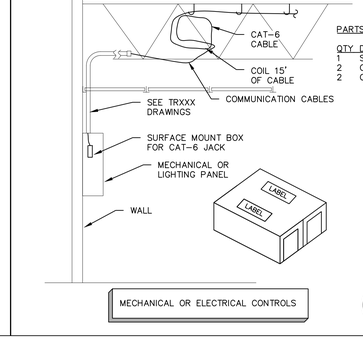
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLES	BELDEN	OSP6F
1	CAT-6 JACK	HUBBELL	SHIELDED
1	LIGHTNING ARRESTOR WITH POE PASS THRU	EMERSON/EDCO	CAT6-POE

CONNECTIVITY CODE

INSTALLATION NOTES:

1. PROVIDE A SURFACE MOUNT BOX IN THE CAMERA BACKBOX.
2. SEE SECURITY CAMERA ONE-LINE FOR ACTUAL ROUTING OF CABLES TO SERVE THE CAMERA.
3. INSTALL SHIELDED CAT-6 JACKS AT EACH END OF THE CABLE.
4. CONNECT TO LIGHTNING ARRESTOR AT THE BUILDING. CONNECT TO GROUND BAR IN COMM ROOM.

14 CONNECTIVITY CODE
TC102



9

PARTS

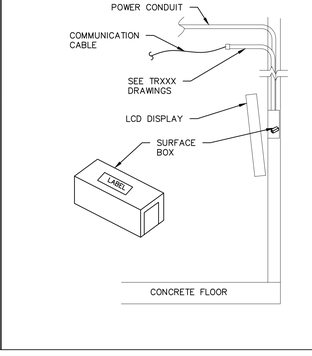
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB2OW
2	CAT-6 CABLE	MOHAWK	M58281
2	CAT-6 JACK	HUBBELL	HXJ6OW

CONNECTIVITY CODE

INSTALLATION NOTES:

1. PROVIDE A SURFACE MOUNT BOX TO THE INTERIOR SIDE OF THE MECHANICAL CONTROLS PANEL LOCATION.
2. SEE FLOOR PLANS FOR INSTALLATION LOCATION.
3. TERMINATE CABLE AT COMM ROOM IN A PATCH PANEL. PROVIDE MODULAR JACK AT PANEL.
4. COORDINATE LOCATION WITH MECHANICAL OR ELECTRICAL CONTRACTOR

9 CONNECTIVITY CODE
TC102



4 RACEWAY CODE

PARTS

QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLES	MOHAWK	M58281
1	CAT-6 JACK	HUBBELL	HXJ6OW

CONNECTIVITY CODE

INSTALLATION NOTES:

1. LABEL CABLE AND SURFACE BOX WITH CABLE NUMBER
2. COIL DATA CABLE AND MOUNT SURFACE MOUNT BOX TO SIDE OF THE IN-WALL BACKBOX.

4 CONNECTIVITY CODE
TC102

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

NEW FIELD HOUSE

Dexter Community School District

DRAWING TITLE

Cabling Connectivity Codes

ISSUE DATES

DATE:	ISSUED FOR:
03-18-2026	D.R. 2 - ADDENDUM #1
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

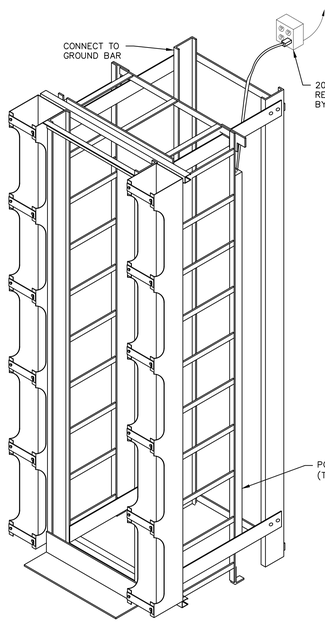
PROJECT NO.

25026E

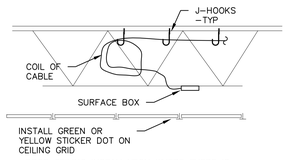
DRAWING NO.

TC102

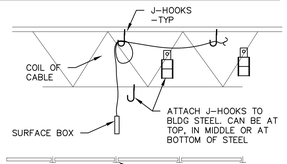
NOTES:
1. ALL RACKS SHALL BE SECURED TO THE FLOOR WITH ANCHORS & SECURED TO THE WALL WITH ADDITIONAL CABLE LADDER.
2. CONTRACTOR SHALL INSTALL RACKS WITH ALL 12" CABLE LADDER AS SHOWN. CABLE LADDER SHALL BE USED FOR ROUTING CABLES FROM ABOVE & BELOW TO THE BACK OF THE PATCH PANELS IN THE RACKS.
3. CABLE LADDER SHALL BE INSTALLED VERTICALLY & HORIZONTALLY BEHIND EACH RACK. VERTICAL LADDER SHALL BE CENTERED DIRECTLY BEHIND THE 6" VERTICAL ORGANIZER.
4. EACH RACK SHALL CONNECT TO THE NEXT WITH UNISTRUT BRACKETS CONNECTING THE CABLE LADDER, AS WELL AS A DIRECT CONNECTION OF EACH RACK TO THE VERTICAL ORGANIZERS.
5. ALL CABLE LADDER AND UNISTRUT SHALL BE CONFIGURED SO IT WILL NOT IMPEDE COMPONENTS INSTALLED IN THE RACK.
6. COMMUNICATIONS CONTRACTOR SHALL INSTALL POWER STRIPS TO THE BACK OF THE CABLE LADDER & EXTEND POWER CORD TO RECEPTACLE MOUNTED TO THE BACK OF THE VERTICAL ORGANIZER. RECEPTACLE SHALL BE A 20 AMP PLUG.
7. CONNECT RACK AND CABLE LADDER TO THE GROUND BAR IN THE COMM ROOM. SEPARATE GROUND CABLE FOR EACH. ENSURE ALL CABLE LADDER IS ELECTRICALLY CONNECTED WITH STAR WASHERS OR INDIVIDUAL GROUND BARS FOR EACH SECTION
8. ROUTE POWER CABLE ALONG CABLE LADDER FROM RACK TO THE POWER OUTLET ON THE WALL
9. ELECTRICAL CONTRACTOR SHALL INSTALL ELECTICAL BOXES, CONDUIT & POWER CABLING.



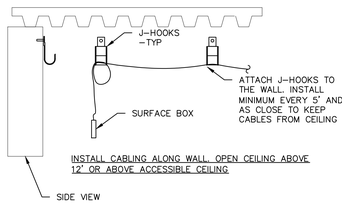
7 TC103 CABLE LADDER & RACK DETAIL



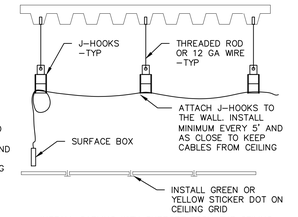
DROP CEILING INSTALLATION WHERE THERE IS BUILDING STEEL WITHIN 24" OF DROP CEILING



DROP CEILING INSTALLATION WHERE THERE IS BUILDING STEEL MOPE THAN 24" OF DROP CEILING



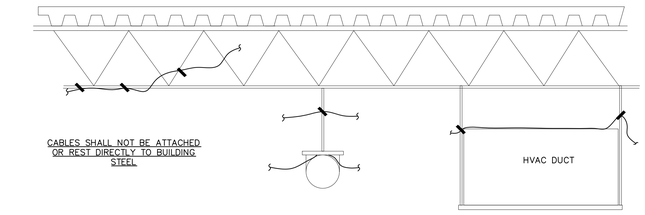
INSTALL CABLING ALONG WALL. OPEN CEILING ABOVE 12" OR ABOVE ACCESSIBLE CEILING



INSTALL CABLING WITH SUPPORT FROM THE CEILING

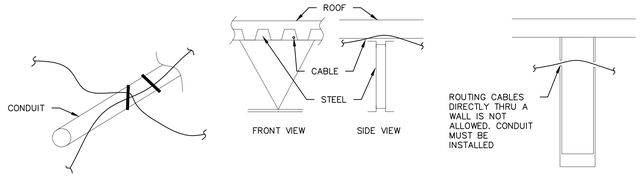
INSTALLATION NOTES:
1. CONTRACTOR SHALL INSTALL CABLE SUPPORTS TO ENSURE CABLES ARE NOT LAYING ON CONDUIT, WATERPIPE OR BUILDING STEEL.
2. CONTRACTOR SHALL INSTALL CABLE SUPPORTS SUCH AS J-HOOKS AND BRIDLE RINGS TO SUPPORT CABLE EVERY 5' MINIMUM
3. WHEN ROUTING CABLES ALONG A WALL, ABOVE A CEILING OR ABOVE 12' AFF, INSTALL J-HOOKS ON WALL EVERY 5' MINIMUM OR AS REQUIRED TO KEEP CABLES FROM RESTING ON CEILING.
4. THERE SHALL BE ABSOLUTELY NO USE OF TAPE OR TY-WRAPS ON THE CABLES. USE ONLY VELCRO STRAPS ON CABLE. DO NOT SUPPORT CABLE DIRECTLY TO CONDUITS, PIPES OR BUILDING STEEL.
5. DO NOT USE DROP CEILING TILE WIRES TO SUPPORT CABLES. WHERE NO BUILDING STEEL OR WALL IS AVAILABLE INSTALL DROP CEILING WIRES AND ANCHORT TO BUILDING STEEL OR DIRECTLY INTO CONCRETE CEILING.
6. INSTALL CABLE SUPPORTS DIRECTLY ABOVE THE CAMERA OR WAP LOCATION. COIL CABLE AND SUPPORT ON A J-HOOK OR BRIDLE RING. USE VELCRO TO SECURE LOOP TO THE CABLE SUPPORT.

3 TC103 DATA CABLE SUPPORT DETAILS AND REQUIREMENTS



DO NOT USE TY-WRAPS OR VELCRO TO ATTACH CABLES TO BUILDING STRUCTURE OR OTHER SUPPORTS

CABLES SHALL NOT BE ATTACHED OR REST DIRECTLY TO THREADED ROD OR OTHER ONTO PIPES



CABLES SHALL NOT REST ON CONDUIT NOR BE ATTACHED TO CONDUIT

CABLES SHALL NOT BE INSTALLED IN BETWEEN BUILDING STEEL AND ROOF

CABLES SHALL NOT BE INSTALLED THRU A WALL WITHOUT A CONDUIT PASS-THRU

INSTALLATION NOTES:
1. CONTRACTOR SHALL INSTALL CABLES AROUND THE BUILDING AND SHALL SUPPORT CABLES AS PER NOTES, DETAILS AND INDUSTRY STANDARDS.
2. DO NOT USE ANY TY-WRAPS OR TAPE TO SUPPORT CABLES.
3. DO NOT ATTACH CABLES TO BUILDING STEEL, CONDUITS OR PIPES.
4. DO NOT INSTALL CONDUITS THRU A WALL WITHOUT INSTALLING NYLON GROMMETS TO THE END OF THE CONDUIT PASS THRUS.
5. DO NOT ALLOW CABLES TO REST ON HVAC DUCTS.

| = TIE WRAPS OR VELCRO IS NOT TO BE USED FOR DIRECT SUPPORT OF CABLES TO PIPES, STEEL OR BUILDING STRUCTURE

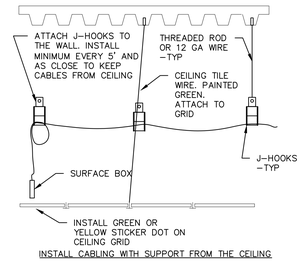
1 TC103 CABLE INSTALLATION AND SUPPORT TYPES OF SUPPORT THAT ARE DISALLOWED

KEYED NOTES:
1. INSTALL FIBER OPTIC RINGS ON THE WALL OF THE COMM ROOM. PROVIDE A SPARE 30' COIL OF CABLE.
2. INSTALL FIBER CABLES THROUGH THE CONDUITS BETWEEN BUILDINGS. WHEN INSTALLING THE FIBER INSIDE THE BUILDING ENSURE IT IS ROUTED INSIDE CONDUIT. SEE ELECTRICAL PLANS FOR CONDUIT LOCATIONS
3. SEE RACK LAYOUTS FOR FIBER PANEL PARTS.

GENERAL NOTES:
1. INSTALL ALL EQUIPMENT SHOWN. THE CONTRACTOR SHALL WALK THE BUILDING AND SITE WITH THE OWNER PRIOR TO INSTALLATION TO IDENTIFY ACTUAL LOCATION OF ALL EQUIPMENT.
2. IDENTIFY LOCATION OF ALL FIBER PANELS IN THE RACKS WITH THE OWNER. PRIMARILY IDENTIFY AT THE TOP OF THE RACKS IN EACH COMM ROOM. LOCATE THE FIBER OPTIC STOWAGE RINGS ON THE WALL WITH THE DESIGNER.
3. ALL CABLES SHALL HAVE A WRAP-AROUND LABEL AT THE TERMINATION TO IDENTIFY THE CABLE AT EACH END. INSTALL AT COIL ON WALL AND WHERE THE FIBER ENTERS THE FIBER OPTIC PANEL
4. TEST ALL FIBER CABLES FOR LOSS. PROVIDE REPORTS.



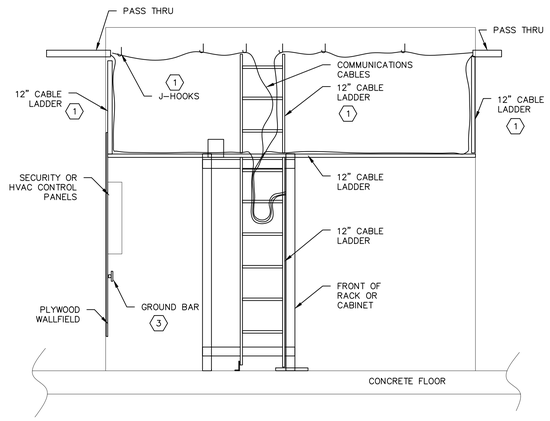
4 TC103 BUILDING FIBER BACKBONE CONNECTIVITY



INSTALL CABLING WITH SUPPORT FROM THE CEILING

INSTALLATION NOTES:
1. CONTRACTOR SHALL INSTALL CABLE SUPPORTS TO ENSURE CABLES ARE NOT LAYING ON CONDUIT, WATERPIPE OR BUILDING STEEL.
2. CONTRACTOR SHALL INSTALL CABLE SUPPORTS SUCH AS J-HOOKS AND BRIDLE RINGS TO SUPPORT CABLE EVERY 5' MINIMUM
3. WHEN ROUTING CABLES ALONG A WALL, ABOVE A CEILING OR ABOVE 12' AFF, INSTALL J-HOOKS ON WALL EVERY 5' MINIMUM OR AS REQUIRED TO KEEP CABLES FROM RESTING ON CEILING.
4. THERE SHALL BE ABSOLUTELY NO USE OF TAPE OR TY-WRAPS ON THE CABLES. USE ONLY VELCRO STRAPS ON CABLE. DO NOT SUPPORT CABLE DIRECTLY TO CONDUITS, PIPES OR BUILDING STEEL.
5. DO NOT USE EXISTING DROP CEILING TILE WIRES TO SUPPORT CABLES. WHERE NO BUILDING STEEL OR WALL IS AVAILABLE INSTALL DROP CEILING WIRES AND ANCHOR TO BUILDING STEEL OR DIRECTLY INTO CONCRETE CEILING. ATTACH TO DROP CEILING GRID. PAINT WIRES GREEN PRIOR TO INSTALLATION.
6. INSTALL CABLE SUPPORTS DIRECTLY ABOVE THE CAMERA OR WAP LOCATION. COIL CABLE AND SUPPORT ON A J-HOOK OR BRIDLE RING. USE VELCRO TO SECURE LOOP TO THE CABLE SUPPORT.

2 TC103 DATA CABLE DROP CEILING CABLE SUPPPORT. TYPICAL

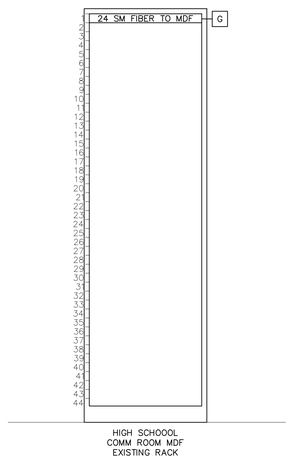


GENERAL NOTES:
1. REVIEW LOCATION OF INCOMING CONDUITS FOR ROUTING OF BACKBONE AND USER CABLES TO THE RACKS. INSTALL CABLE LADDER FROM RACKS TO INCOMING CABLE PATHWAYS.
2. INSTALL CABLE LADDER FROM THE TOP OF THE RACKS/CABINETS TO THE CABLE PATH IN CEILING. INSTALL ENOUGH LADDER TO ROUTE ALL CABLES TO THE RACKS. DO NOT GROUP CABLES IN GROUPS LARGER THAN 24 CABLES.
3. ATTACH THE RACKS/CABINETS TO THE FLOOR. VERIFY LOCATION WITH ENGINEER PRIOR TO INSTALLATION.
4. PROVIDE ALL MANUFACTURER RECOMMENDED HARDWARE FOR INSTALLATION OF CABLE LADDER AND ATTACHMENT TO THE WALLS, FLOOR AND RACKS.
5. USE ONLY 3/8" HARDWARE FOR BOLTS AND CONNECTIVITY

KEYED NOTES:
1. INSTALL J-HOOKS AND CABLE LADDER FOR SUPPORT OF CABLES ALONG THE WALL AND IN THE CEILING.
2. WHERE NEW RACKS OR CABINETS ARE INSTALLED, EXTEND CABLE LADDER TO BUILDING STRUCTURE FOR TRANSITION OF CABLES FROM CEILING TO COMM RACKS.
3. CONNECT RACKS/CABINETS AND CABLE LADDER TO THE GROUND BAR

8 TC103 TYPICAL ELEVATION VIEW OF COMM ROOM FREE STANDING RACKS AND CABINETS

GENERAL NOTES:
1. TERMINATE FIBER CABLE INTO A NEW PANEL. LOCATE IN EXISTING RACK WITH THE OWNER.
2. PROVIDE FIBER COIL ON THE WALL IN A FIBER STOWAGE RING. PROVIDE A MINIMUM OF 30' AT THE RING.
3. LABEL FIBER PANEL, CABLE AND CABLE AT THE STOWAGE RING.
4. TEST FIBER CABLE.
5. TERMINATE WITH LC STYLE CONNECTORS.

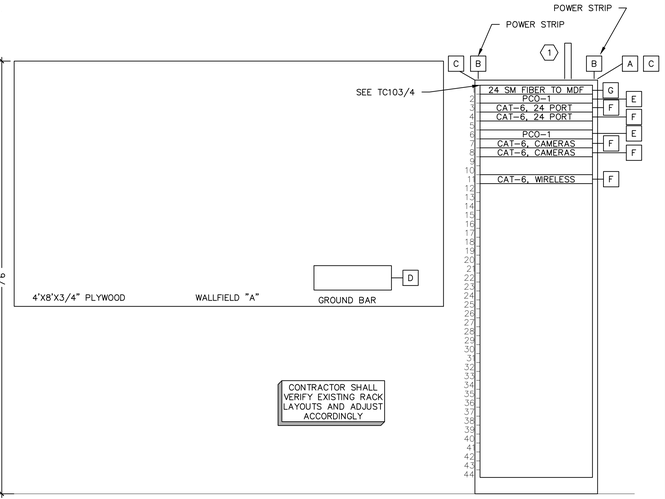


6 TC103 HIGH SCHOOL MDF RACK LAYOUT

GENERAL NOTES:
1. RACKS SHALL BE SECURED TO THE FLOOR WITH ANCHORS.
2. INSTALL THE BACKBONE CABLES THAT ROUTE BETWEEN COMMUNICATIONS ROOMS. COIL SPARE FIBER CABLE ON THE WALL. ROUTE CABLES TO THE RACK/CABINET VIA CABLE LADDER.
3. ALL USER DATA CABLES SHALL ROUTE IN THE CEILING & THEN ROUTE DOWN VERTICAL CABLE LADDER TO THE RACK. AT THE RACK/CABINET, PROVIDE A "DRIP LOOP" FOR ALL THE CABLES DRIP LOOP SHALL BE A MINIMUM OF ONE FOOT.
4. CONNECT ALL RACKS, CABINETS AND CABLE LADDER TO THE GROUND BAR AS DESCRIBED IN THE GROUNDING DETAIL DETAIL & THE GROUNDING SPECIFICATIONS.
5. IDENTIFY LOCATIONS ON THE DRAWINGS THAT WILL EXCEED 300' AND PROVIDE AND INSTALL "LONG-DISTANCE" CABLE AT THESE LOCATIONS. SEE SPECS AND OTHER DETAILS.
6. INSTALL CABLE LADDER FROM THE RACK TO THE WALL AND USE THIS TO ROUTE DATA CABLES FROM ABOVE AND BELOW TO THE RACK. SEE DETAIL

WALLFIELD NOTES:
A. PLYWOOD SHALL BE INSTALLED ON THE WALL SHOWN IN THE COMMUNICATIONS ROOM FLOOR PLAN AND AS DETAILED IN THIS DRAWING.
B. HORIZONTAL PLYWOOD SHALL BE MOUTED AT 42" AFF TO THE BOTTOM OF THE PLYWOOD.
C. PLYWOOD SHALL BE FIRE RESISTANT PLYWOOD. GRADE "A" ON THE SIDE TOWARDS THE USER.
D. PLYWOOD SHALL BE PAINTED WITH WHITE PAINT. LEAVE ONE OF THE FIRE RESISTANT STAMPS VISIBLE. DO NOT PAINT OVER THE STAMP.
E. THE CONTRACTOR SHALL INSTALL D-RINGS OR CABLE LADDER TO ROUTE CABLES HORIZONTALLY & VERTICALLY ALONG THE WALLFIELD.

KEYED NOTES:
1. CONTRACTOR SHALL INSTALL 12" CABLE LADDER VERTICALLY FROM TOP OF CABINET OR RACK TO THE CEILING AREA FOR ROUTING USER CABLES TO THE PANELS. SEE TC103/6



5 TC103 COMM ROOM "FH" ROOM A205 RACK LAYOUT

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561 FX - 248.338.0223
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE
NEW FIELD HOUSE

Dexter Community School District

DRAWING TITLE
Cable Routing Details & Fiber Backbone

ISSUE DATES

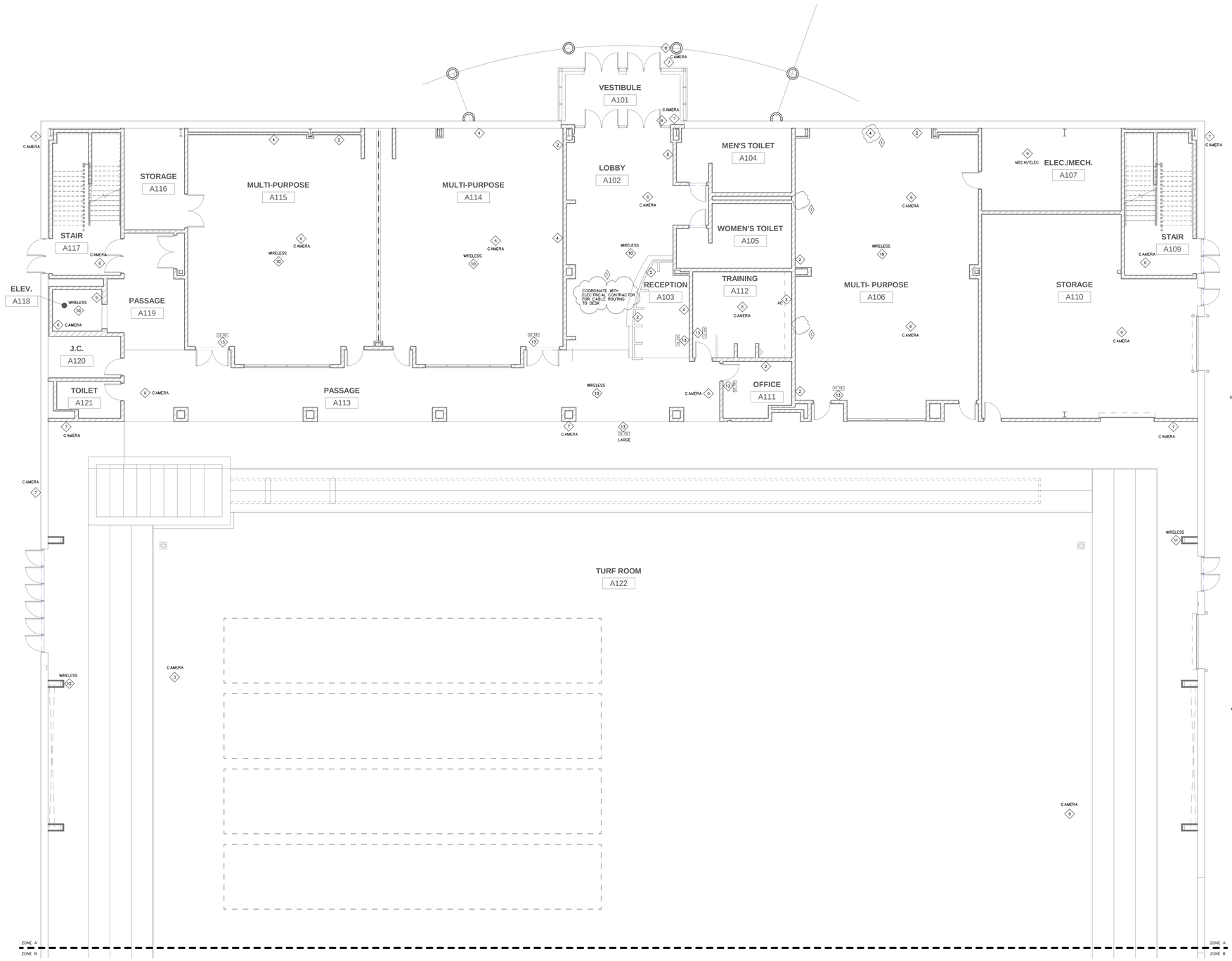
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS
DATE:	ISSUED FOR:
DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.
25026E

DRAWING NO.
TC103

GENERAL CABLING NOTES

1. COMMUNICATIONS CONTRACTOR SHALL INSTALL ANY PASS-THRU'S REQUIRED FOR ROUTING CABLES AROUND THE BUILDING THAT ARE NOT SHOWN AS BEING INSTALLED AS PART OF THE "TR" SERIES DRAWINGS. SEE ATTACHED.
2. CONTRACTOR SHALL COMPLETE A WALK-THRU OF THE SITE DURING CONSTRUCTION AND SHALL VERIFY ALL CONDUITS AND PASS THRU'S ARE INSTALLED FOR CABLES.
3. ALL CABLES SHALL BE SUPPORTED ABOVE THE DROP CEILING BY J-HOOKS. HOOKS SHALL BE LOCATED NO LESS THAN EVERY 5 FEET.



1 CABLING FIRST FLOOR-ZONE A
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

259 E. MICHIGAN AVENUE - SUITE 308
KALAMAZOO - MICHIGAN - 49007
PH - 269.327.0077 FX - 269.327.9090
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

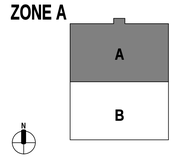
PROJECT TITLE

NEW FIELD HOUSE

DEXTER COMMUNITY
SCHOOLS
DEXTER, MI

DRAWING TITLE

FIRST FLOOR CABLING - ZONE A



KEY PLAN

ISSUE DATES

03-18-2026	D.R. 2 - ADDENDUM #1
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS
02-12-26	OWNER REVIEW
01-23-26	90% CD DOCUMENTS

DATE:	ISSUED FOR:
DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25026E

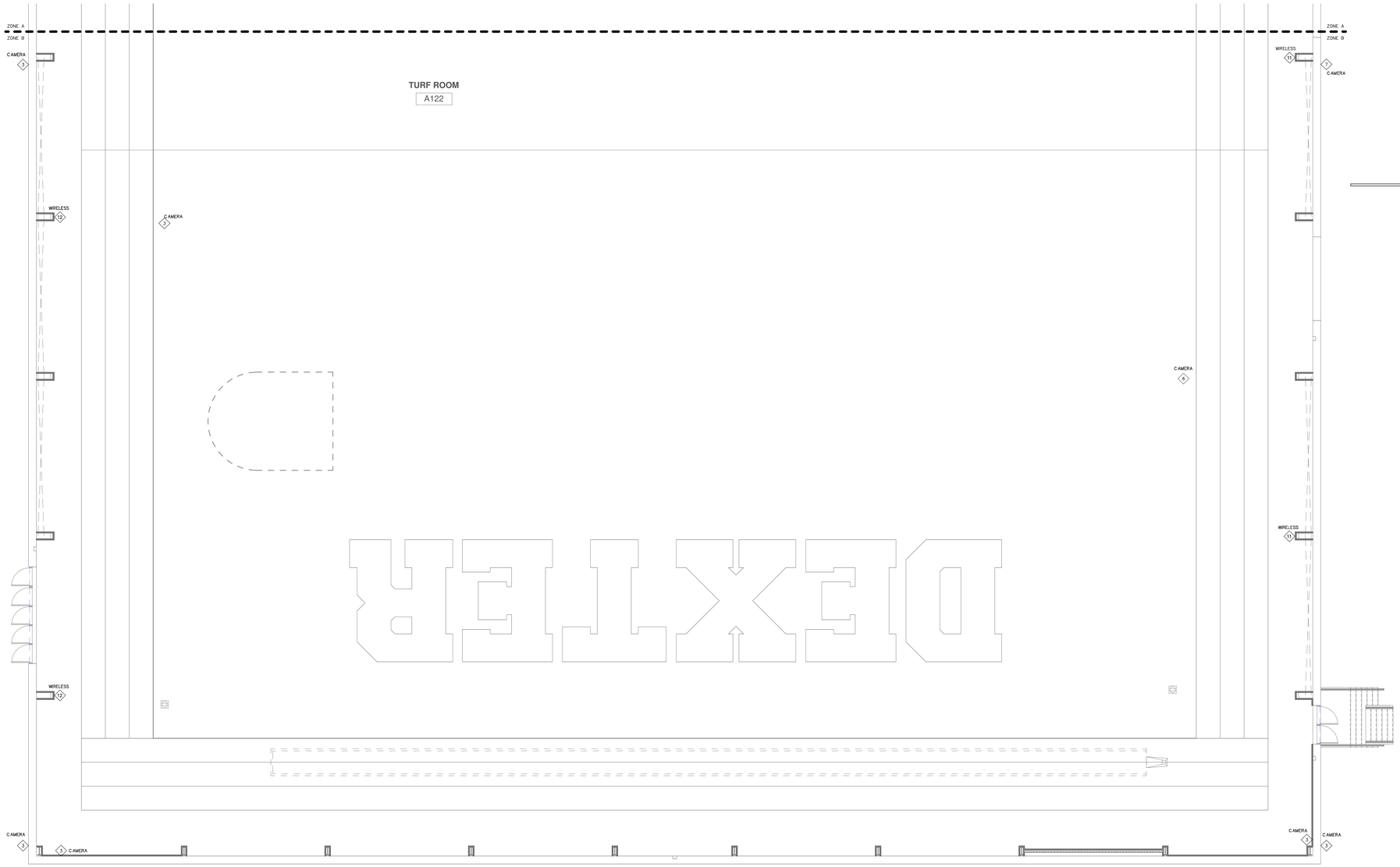
DRAWING NO.

TC201A

Autodesk Docs://25026E_Dexter - New Field House/25026E-Tech-R2025.rvt
3/17/2026 11:04:28 AM

GENERAL CABLING NOTES

1. COMMUNICATIONS CONTRACTOR SHALL INSTALL ANY PASS-THRU'S REQUIRED FOR ROUTING CABLES AROUND THE BUILDING THAT ARE NOT SHOWN AS BEING INSTALLED AS PART OF THE 'TR' SERIES DRAWINGS. SEE ATTACHED.
2. CONTRACTOR SHALL COMPLETE A WALK-THRU OF THE SITE DURING CONSTRUCTION AND SHALL VERIFY ALL CONDUITS AND PASS THRU'S ARE INSTALLED FOR CABLES.
3. ALL CABLES SHALL BE SUPPORTED ABOVE THE DROP CEILING BY J-HOOKS. HOOKS SHALL BE LOCATED NO LESS THAN EVERY 5 FEET.



1 CABLING FIRST FLOOR-ZONE B
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
259 E. MICHIGAN AVENUE - SUITE 308
KALAMAZOO - MICHIGAN - 49007
PH - 269.327.0077 FX - 269.327.8090
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

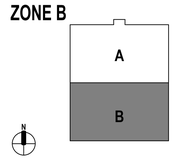
PROJECT TITLE

NEW FIELD HOUSE

DEXTER COMMUNITY
SCHOOLS
DEXTER, MI

DRAWING TITLE

FIRST FLOOR CABLING - ZONE B



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS
02-12-26	OWNER REVIEW
01-23-26	90% CD DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25026E

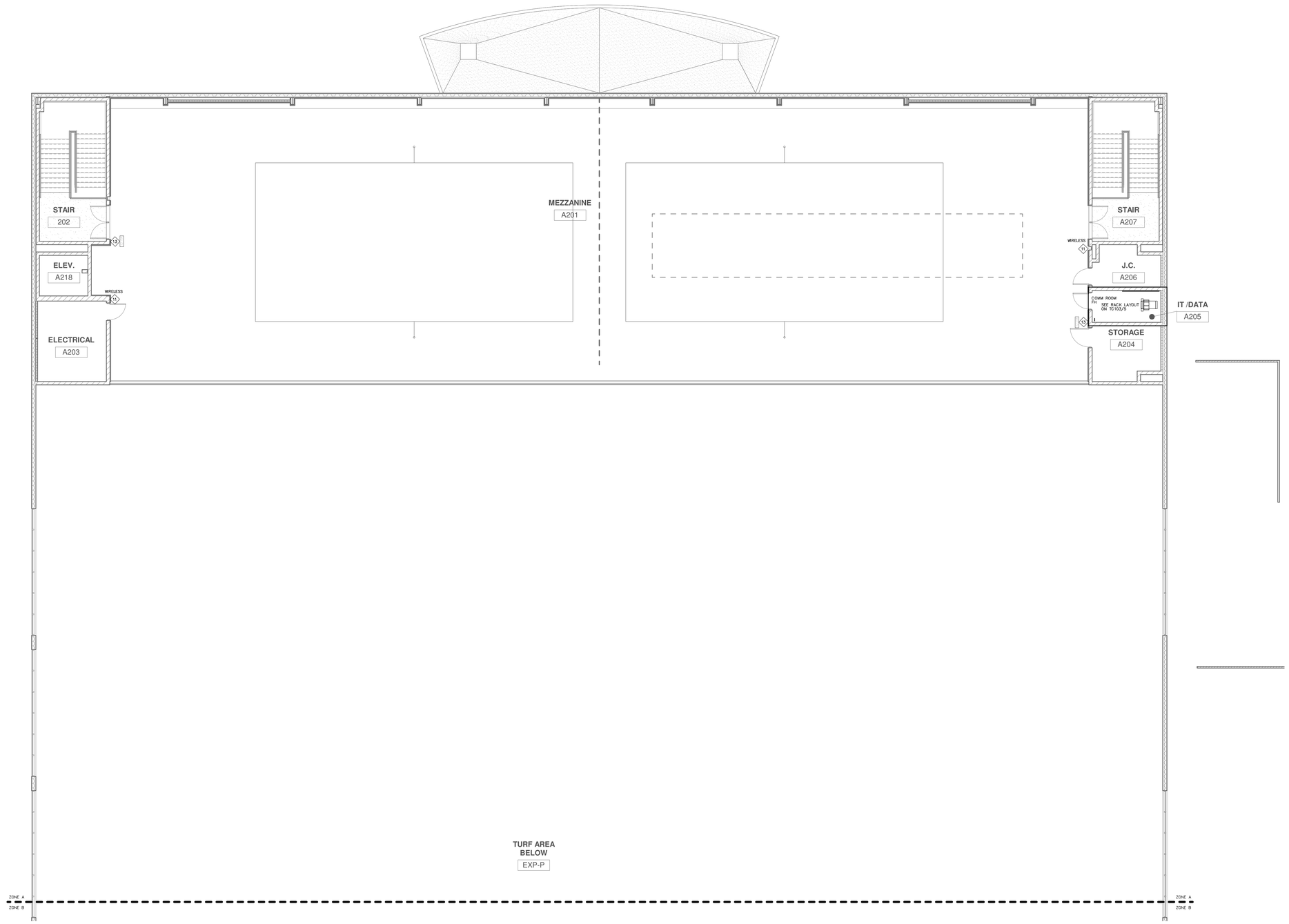
DRAWING NO.

TC201B

Autodesk Docs://25026E_Dexter - New Field House/25026E-Tech-R2025.rvt
2/25/2026 9:39:06 AM

GENERAL CABLING NOTES

1. COMMUNICATIONS CONTRACTOR SHALL INSTALL ANY PASS-THRU'S REQUIRED FOR ROUTING CABLES AROUND THE BUILDING THAT ARE NOT SHOWN AS BEING INSTALLED AS PART OF THE "TR" SERIES DRAWINGS. SEE ATTACHED.
2. CONTRACTOR SHALL COMPLETE A WALK-THRU OF THE SITE DURING CONSTRUCTION AND SHALL VERIFY ALL CONDUITS AND PASS THRU'S ARE INSTALLED FOR CABLES.
3. ALL CABLES SHALL BE SUPPORTED ABOVE THE DROP CEILING BY J-HOOKS. HOOKS SHALL BE LOCATED NO LESS THAN EVERY 5 FEET.



1 CABLING SECOND FLOOR-ZONE A
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

259 E. MICHIGAN AVENUE · SUITE 308
KALAMAZOO · MICHIGAN · 49007
PH · 269.327.0077 FX · 269.327.8090
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

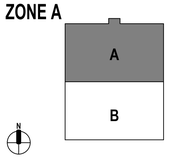
PROJECT TITLE

NEW FIELD HOUSE

DEXTER COMMUNITY
SCHOOLS
DEXTER, MI

DRAWING TITLE

SECOND FLOOR CABLING - ZONE A



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS
02-12-26	OWNER REVIEW
01-23-26	90% CD DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25026E

DRAWING NO.

TC202A

Autodesk Docs://25026E_Dexter - New Field House/25026E-Tech-R2025.rvt
2/25/2026 9:39:08 AM

COMMUNICATION SYMBOL LEGEND

SYMBOL	DESCRIPTION
⟨1⟩	THIS SYMBOL WITH A NUMBER INSIDE REFERS TO KEYNOTES. REFER TO NOTES ON THE SHEET OR WITHIN THE DETAIL FOR ADDITIONAL INFORMATION
A	EQUIPMENT SCHEDULE. THIS SYMBOL WITH LETTERS INSIDE REFERS EQUIPMENT SCHEDULES, SEE DETAILS AND EQUIPMENT SCHEDULES ON TC101, TC301, TC501 AND TC701.
1	CABLE SCHEDULE. THIS SYMBOL WITH NUMBERS INSIDE REFERS EQUIPMENT SCHEDULES, SEE DETAILS AND EQUIPMENT SCHEDULES ON TC101, TC301, TC501 AND TC701.
⟨X⟩ XXXX	AUDIO/VIDEO COMMUNICATIONS OUTLET. REFER TO THE ASSOCIATED AV SYSTEM DETAIL FOR REQUIREMENTS. ZZ REFERS TO HEIGHT OF OUTLET. 18" UNLESS OTHER WISE NOTED.
SEE TC3XX/X	AV SYSTEM DETAIL. REFER TO THIS SHEET AND DETAIL NUMBER FOR THE REQUIREMENTS OF THE AUDIO/VIDEO SYSTEM IN THIS ROOM
(S) ZZ X	SPEAKERS. SEE SPEAKER SCHEDULE ON TC301."X" REFERS TO SPEAKER TYPE. "ZZ" REFERS TO SPEAKER ZONE IF THIS IS A PAGING SPEAKER.
LCD XX"	LCD DISPLAY. WHERE XX IS THE DIAGONAL MEASUREMENT. INCLUDE A MOUNT. SEE AV SYSTEM DETAIL AND SPECS FOR SPECIFICS

ABBREVIATIONS

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
2G	TWO-GANG BOX - PROVIDED BY EC	NIC	NOT IN CONTRACT
AC	ABOVE COUNTER - INSTALL BACKBOX SAME HEIGHT AS OTHER ELECTRICAL OUTLETS ABOVE THE COUNTER.	PBO	PROVIDED BY OTHERS
AFF	ABOVE FINISHED FLOOR	PCO-1	PATCH CORD ORGANIZER - 1 UNIT HIGH
AFG	ABOVE FINISHED GROUND	PCO-2	PATCH CORD ORGANIZER - 2 UNITS HIGH
AWG	AMERICAN WIRE GAUGE	PET	PROTECTED ENTRANCE TERMINAL
EMT	EMT TYPE CONDUIT	QTY	QUANTITY
EC	ELECTRICAL CONTRACTOR		

AUDIO EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
WA	CLASSROOM AUDIO SYSTEM INCLUDING SPEAKERS A	LIGHTSPEED	T25-FD
WB	WIRED MICROPHONE WITH 20' MIC CABLE	AUDIO	OM3
WC	PLASTIC MESH CABLE PROTECTOR AND WRAP. SAMSUNG #HT4044 CABLE FLEXWRAP	TECH FLEX	F6NXX
WD	DRAWER FOR STORING MISCELLANEOUS AUDIO & VIDEO MATERIAL. 4 RU W/LOCK	LOWELL	UDEL-414
WE	POWER STRIP	SURGEX	SX1120RT
WF	AUDIO MIXER AND DIGITAL SIGNAL PROCESSOR (DSP). INCLUDE ALL SOFTWARE REQUIRED FOR FULL SYSTEM USE AND REMOTE ACCESS THRU DATA NETWORK	QSC	CORE 8 FLEX
WG	NETWORK AUDIO AMPLFIIER. 4-Channel 500W/CH	QSC	CX-Q-2K4
WH	NETWORK AUDIO AMPLFIIER. 4-Channel 1000W/CH	QSC	CX-Q-4K4
WJ	NETWORK AUDIO AMPLFIIER. 4-Channel 2000W/CH	QSC	CX-Q-8K4
WK	WIRELESS MICROPHONE WITH (HANDHELD) (LAVALIER) (HEADWORN) MIC	AUDIX	R42 RECEIVER HANDHELD MIC #H60 BODYPACK #B60 HEADWORN MIC #HT2
WL	WIRELESS MIC ANTENNA EXTENDER. CABLE AND MOUNTS TO EXTEND ANTENNAS	AUDIX	ANTDA4161
WM	NETWORK SWITCH. 26 PORTS	QSYS	NS26-480+
WN	LINE LEVEL AUDIO TRANSMITTER VIA CAT-6 CABLE	RDL	TX-TPS1A
WO	LINE LEVEL AUDIO RECEIVER VIA CAT-6 CABLE. EQUIP WITH POWER SUPPLY	RDL	TX-TPR1A / PS-24AS

FLAT PANEL DISPLAY EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
XA	65" FLAT PANEL. EQUIP WITH A MOUNT. VERIFY MOUNT PRIOR TO ORDERING.	SHARP	PN-ME652
XB	75" FLAT PANEL. EQUIP WITH A MOUNT. VERIFY MOUNT PRIOR TO ORDERING.	SHARP	PN-ME752
XC	86" FLAT PANEL. EQUIP WITH A MOUNT. VERIFY MOUNT PRIOR TO ORDERING.	SHARP	PN-ME862
XD	86" FLAT PANEL, TOUCH ENABLED. EQUIP WITH A MOUNT. VERIFY MOUNT PRIOR TO ORDERING.	NEWLINE	TT8625QELT
XE	TILT WALL MOUNT FOR FLAT PANEL 65" TO 75" DIAGONAL	CHIEF	LTM1U
XF	TILT WALL MOUNT FOR FLAT PANEL 86" TO 98" DIAGONAL	CHIEF	XTM1U
XG	PULL OUT MOUNT FOR FLAT PANEL 65" AND 75"	CHIEF	TS525TU
XH	LCD ROLLING MOUNT.	CHIEF	PFCUB
XJ	AT EACH DISPLAY WHERE THERE ARE DEVICES TO BE INSTALLED BEHIND THE FLAT PANEL DISPLAY, INSTALL A COMPONENT STORAGE PANEL	CHIEF	CSMP9X12
XK	SINGLE GANG FACEPLATE FOR CONTROL OF LCD ON/OFF, VOLUME AND INPUT	KRAMER	RC-206
XL	DIGITAL SIGNAGE PLAYER WITH RS-232 CONTROL	BRIGHTSIGN	HD1026

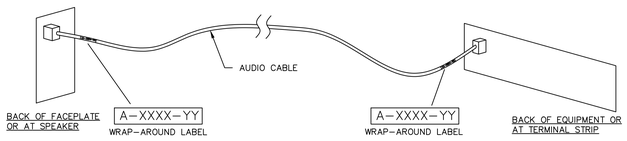
SPEAKER SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
(S)1	NOT USED		
(S)2	IN-CEILING SPEAKER, 6.5". INSTALL IN DROP CEILING OR DRYWALL CEILING.	ELECTROVOICE	C6.2-G2
(S)3	CLASSROOM AUDIO SPEAKER. DROP CEILING MOUNTED. CUSTOM CUT INTO CEILING	LIGHTSPEED	DRQ
(S)4	MEZZANINE SPEAKER. EQUIP WITH YOKE AND SECURITY MOUNT	QSC	PL-DC26 WITH YM YOKE
(S)5	FIELD SUSPENDED SPEAKER. COVER THE MAIN FIELD. EQUIP WITH YOKE AND SECURITY MOUNT	QSC	PL-CA-15 WITH YM YOKE
(S)6	FIELD SUSPENDED SUBWOOFER. EQUIP WITH YOKE AND SECURITY MOUNT	QSC	PL-SUB18 WITH PL-LA12-AF MOUNT

VIDEO EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
VA	DIGITAL SIGNAGE PLAYER WITH RS-232 CONTROL	BRIGHTSIGN	HD1026
VB	HDMI DISTRIBUTION AMPLIFIER 1-IN, 4-OUT	KEY DIGITAL	KD-DAx1X4
VC	POWER STRIP	SURGEX	SX1120RT
VD	PATCH PANEL-24 PORT, EQUIPPED WITH 8-PIN MODULAR JACKS TO MATCH THE CABLE COLOR AND CABLE TYPE BEING TERMINATED. PROVIDE ONE MODULAR JACK FOR EACH CABLE BEING TERMINATED. SEE SPEC AND DRAWINGS FOR COLORS. EQUIP WITH REAR CABLE ORGANIZER	HUBBELL	PANEL: HPJ24 ORGANIZER: HPRCMB

⟨1⟩

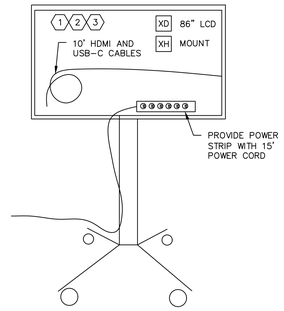


GENERAL NOTES:

1. INSTALL A WRAP-AROUND LABEL AT EACH END OF EACH CABLE.
2. WRAP-AROUND LABELS SHALL BE LASER-PRINTED AND SHALL BE SELF-LAMINATING.

A = AUDIO/VIDEO CABINET
XXXX = SPK FOR SPEAKER LINE
XXXX = LINE FOR LINE LEVEL
XXXX = MIC FOR MICROPHONE
XXXX = CTRL FOR CONTROL LINE
YY = AUDIO ZONE FOR SPEAKER
YY = FACEPLATE NUMBER FOR LINE AND MIC

3 TC301 TYPICAL CABLE LABELING FOR AUDIO CABLES



NOTES:

1. CONTRACTOR SHALL PROVIDE ALL PATCH CABLES SHOWN BETWEEN THE DEVICES. ATTACH CABLES TO THE ROLLING MOUNT SO THEY DO NOT PULL OUT OF THE PC OR SWITCHER.
2. PROVIDE THE MOUNT AND THE LCD AND INSTALL AT THE SITE.
3. TEST THE SYSTEM WITH ONE OF THE OWNERS LAPTOPS AND CONNECTION TO NUMEROUS ROOM SYSTEMS.

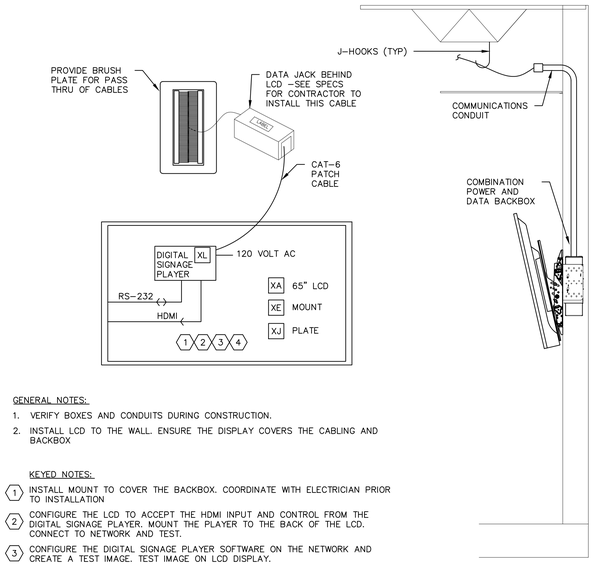
KEYED NOTES:

⟨1⟩ MOUNT THE LCD ON THE ROLLING CART. ATTACH POWER STRIP TO THE LCD MOUNT.

⟨2⟩ SECURELY ATTACH CABLES TO THE MOUNT AND LCD SO THEY WILL NOT PULL OUT OF THE LCD IF THE LAPTOP IS DROPPED ETC.

⟨3⟩ PROVIDE COIL OF CABLE AND WAY TO ATTACH COIL TO LCD MOUNT

2 TC301 LCD ON ROLLING CART AUDIO/VIDEO CONNECTIVITY



GENERAL NOTES:

1. VERIFY BOXES AND CONDUITS DURING CONSTRUCTION.
2. INSTALL LCD TO THE WALL. ENSURE THE DISPLAY COVERS THE CABLING AND BACKBOX

KEYED NOTES:

⟨1⟩ INSTALL MOUNT TO COVER THE BACKBOX. COORDINATE WITH ELECTRICIAN PRIOR TO INSTALLATION

⟨2⟩ CONFIGURE THE LCD TO ACCEPT THE HDMI INPUT AND CONTROL FROM THE DIGITAL SIGNAGE PLAYER. MOUNT THE PLAYER TO THE BACK OF THE LCD. CONNECT TO NETWORK AND TEST.

⟨3⟩ CONFIGURE THE DIGITAL SIGNAGE PLAYER SOFTWARE ON THE NETWORK AND CREATE A TEST IMAGE. TEST IMAGE ON LCD DISPLAY.

⟨4⟩ SET SCHEDULE ON LCD ON/OFF THRU DIGITAL SIGNAGE PLAYER.

1 TC301 WALL MOUNT DISPLAY LCD FOR DIGITAL SIGNAGE

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE
NEW FIELD HOUSE

Dexter Community School District

DRAWING TITLE
Audio/Video Legends, Schedules & Details

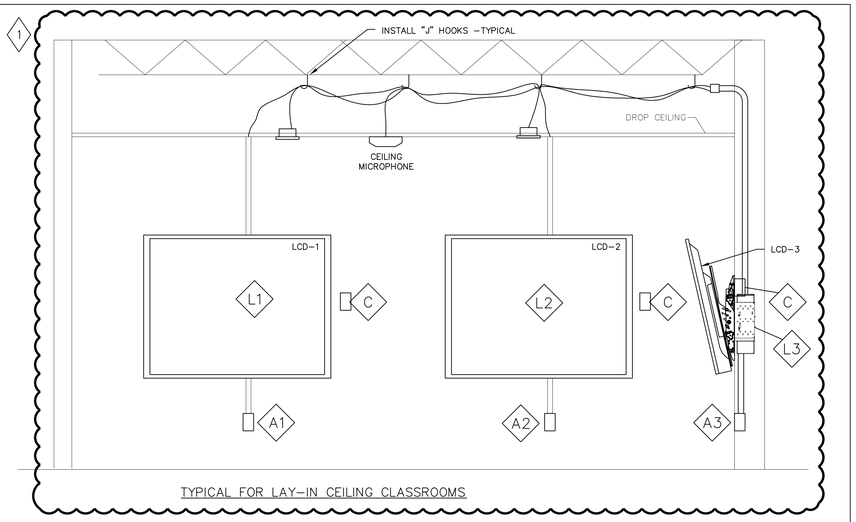
ISSUE DATES

DATE:	ISSUED FOR:
03-18-2026	D.R. 2 - ADDENDUM #1
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.
25026E

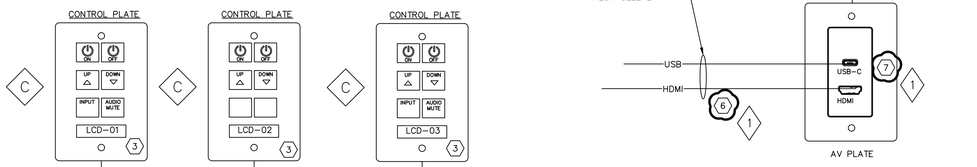
DRAWING NO.
TC301



TYPICAL FOR LAY-IN CEILING CLASSROOMS

PARTS

QTY	DESCRIPTION	MANUFACTURER	PART #
1	SINGLE GANG STAINLESS STEEL STYLE LINE PLATE	HUBBELL	SS26
1	HDMI WITH FEMALE PIGTAIL AND USB-C 3.0 F-F KEYSTONE	COMPREHENSIVE	WPD-HD-U3C-AW
1	HDMI CABLE TO LCD		
1	USB-C CABLE TO LCD		

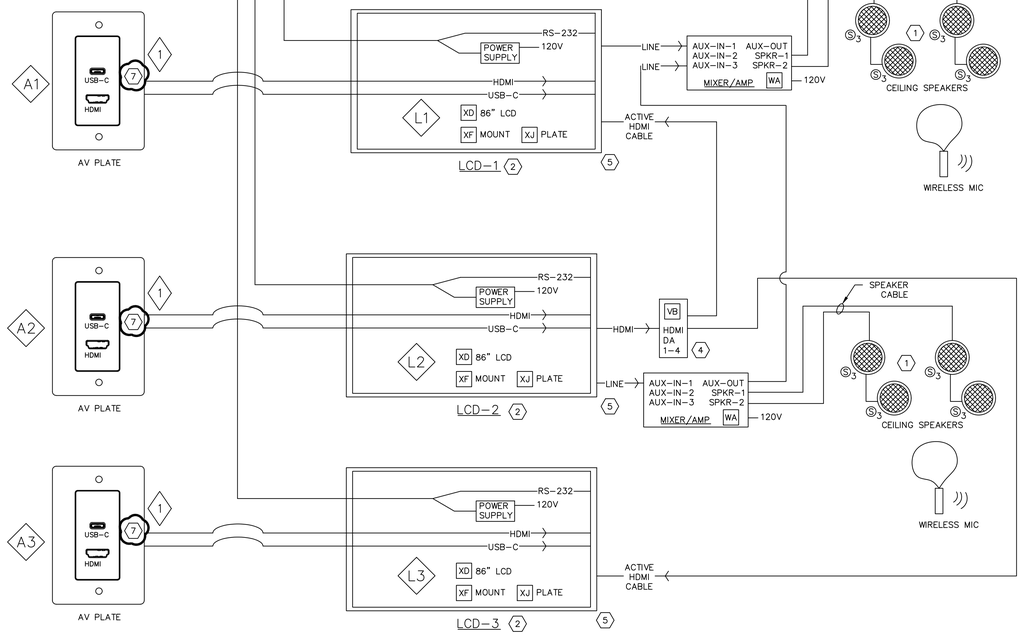


A/V NOTES:

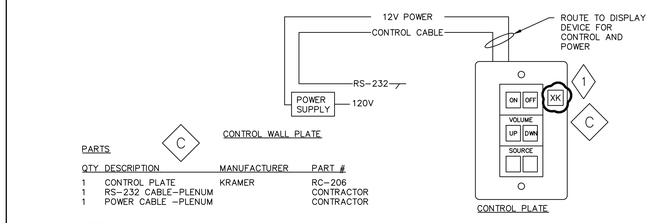
1. INSTALL ALL EQUIPMENT SHOWN. THE CONTRACTOR SHALL WALK THE BUILDING WITH THE OWNER PRIOR TO INSTALLATION TO IDENTIFY ACTUAL LOCATION OF ALL EQUIPMENT.
2. SPEAKERS SHALL BE INSTALLED WHERE SHOWN AND CONNECTED TO THE AUDIO SYSTEM THAT IS IN THE LECTERN.
3. ALL CABLES FROM THE WALL TO THE DESK SHALL BE INSTALLED INSIDE A NYLON MESH. TY/WRAP MESH AT EACH END TO SECURE BUNDLE.
4. INSTALL ALL PATCH CABLES SHOWN. CONNECT THE DEVICES AND FULLY TEST THE SYSTEM INCLUDING ALL AUDIO AND VIDEO INPUTS AND OUTPUTS.
5. WALK THE SITE TO CONFIRM ALL RACEWAYS ARE INSTALLED TO SUPPORT THE AV SYSTEM INSTALLATION. IF THE CONTRACTOR DOES NOT VERIFY ALL CONDUITS PRIOR TO THE DRYWALL GOING UP THEN THE CONTRACTOR SHALL INSTALL RACEWAY.
6. INSTALL ALL CABLES INCLUDING POWER CABLE FROM THE WALL TO THE DESK. ALL CABLES SHALL BE NO SHORTER THAN 10'
7. PROVIDE AND INSTALL ANY AND ALL BALUNS, ADAPTERS OR CABLES REQUIRED FOR CONNECTIVITY.
8. COMBINE AND UNCOMBINE THE AV SYSTEMS.
9. CREATE A LAMINATED SHEET AND ATTACH TO THE WALL AT ALL LCD'S TO DETAIL HOW TO COMBINE THE ROOMS AND HOW TO UNCOMBINE THE ROOMS
10. SETUP THE CONTROL PLATE AT LCD-1 TO INCLUDE AN AUDIO MUTE BUTTON. LABEL THE PLATES. WHEN ROOM IS COMBINED THE CONTRACTOR SHALL MUTE AUDIO COMING OUT OF LCD-1 TO THE MIXER.

KEYED NOTES:

1. PROVIDE SPEAKERS IN EACH CLASSROOM. CHECK TO SEE IF THEY ARE DROP CEILING OR OPEN CEILING PRIOR TO ORDERING. DISTRIBUTE THROUGHOUT THE ROOM TO COVER THE ENTIRE AREA.
2. INSTALL THE LCD AT THE OWNERS DIRECTION AND HEIGHT. COVER THE BACKBOX. INSTALL SO THAT IT DOES NOT COVER THE CONTROL PLATE.
3. INSTALL THE CONTROL PLATE AND CONNECT TO THE LCD. SETUP TO CONTROL VOLUME UP AND DOWN. ON CONTROL PANEL FOR LCD-1 AND LCD-3 CREATE AN AUDIO MUTE BUTTON. ON LCD-1 THIS WILL ALLOW THE AUDIO FROM LCD-2 AND TEACHER MIC TO WORK THRU THE AUDIO AMP ON LCD-1 AND WILL NOT MIX ADDITIONAL PROGRAM AUDIO FROM LCD-1
4. INSTALL AN HDMI 1/IN, 4/OUT DISTRIBUTION AMPLIFIER BEHIND THE LCD-2. INSTALL ACTIVE HDMI CABLE TO LCD-1 AND LCD-3
5. TEST CONNECTIVITY AS ONE ROOM AND TEST CONNECTIVITY AS TWO ROOMS. DEMONSTRATE HOW TO COMBINE AND UNCOMBINE TO THE OWNER. LAMINATE INSTRUCTION SHEET AND ATTACH TO EACH LCD WITH A STRING AND MOUNT ON BACK OF LCD.
6. INSTALL BLACK MESH AS YOU TRANSITION CABLES FROM THE PLATE TO DESK.
7. CUSTOMIZE THE FACEPLATE TO MATCH BACKBOX PROVIDED AND CABLES REQUIRED TO BE TERMINATED.



1 TC302 COMBINEABLE AV ROOM THREE LCD WITH AUDIO. -CONNECTIVITY



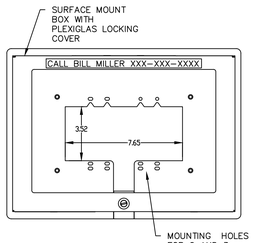
PARTS

QTY	DESCRIPTION	MANUFACTURER	PART #
1	CONTROL PLATE	KRAMER	RC-206
1	RS-232 CABLE-PLENUM		CONTRACTOR
1	POWER CABLE -PLENUM		CONTRACTOR

GENERAL NOTES:

1. INSTALL THE PLATE AND CONFIGURE AND CUSTOM LABEL FOR THE CONTROLS REQUIRED.
2. AT A STANDARD LCD IT SHOULD BE FOR ON/OFF, VOLUME UP AND DOWN AND INPUT CONTROL
3. LABEL FACEPLATE WITH INPUT NAME OR NUMBER FROM THE DISTRIBUTION AMPLIFIER
4. TEST VIDEO FROM ALL INPUTS.

4 TC302 LCD CONTROL PLATE TYPICAL CONNECTIVITY



PARTS

QTY	DESCRIPTION	MANUFACTURER	PART #
1	TOUCHPANEL	QSYS	TSC-101-G3
1	CAT-6-ORANGE	MOHAWK	M58288
1	COVERPLATE	FSR	WB-TCS-FM-10

GENERAL NOTES:

1. INSTALL CAT-6 CABLES TO THE PANEL IN THE AV ROOM/CABINET.
2. PROVIDE LOCK TO THE OWNER.
3. LABEL THE COVERPLATE WITH THE NAME AND PHONE NUMER OF THE PERSON TO CALL IN CASE OF AN ISSUE. SHALL BE ENGRAVED, PHENOLIC LABEL.

5 TC302 DUAL MICROHPONE PLATE AUDIO INPUT PLATE AND CABLING



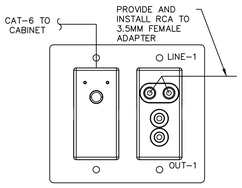
PARTS

QTY	DESCRIPTION	MANUFACTURER	PART #
1	SINGLE-GANG GANG STAINLESS STEEL PLATE		CUSTOM
2	XLR INPUTS	NEUTRIK	CONTRACTOR
2	MIC CABLES-PLENUM	CONTRACTOR	CONTRACTOR

GENERAL NOTES:

1. INSTALL PLENUM RATED MIC CABLES TO THE PANEL IN THE AV ROOM/CABINET.
2. LABEL THE PLATE WITH PHENOLIC, ENGRAVED LABELS DETAILING THE INPUT TO MATCH THE INPUT ON THE CONTROL PANEL.

3 TC302 DUAL MICROHPONE PLATE AUDIO INPUT PLATE AND CABLING



PARTS

QTY	DESCRIPTION	CONNECTIVITY CODE	MANUFACTURER	PART #
1	GFI TWO-HOLE		HUBBELL	SS262
1	CAT-6-ORANGE		MOHAWK	M58288
1	BLUETOOTH AND LINE LEVEL AUDIO TO DANTE		QSYS	UND610-BT

GENERAL NOTES:

1. INSTALL CAT-6 CABLES TO THE PANEL IN THE AV ROOM/CABINET.
2. SETUP THE BLUETOOTH PLATE TO ALLOW MULTIPLE USERS TO USE THE PLATE. REMEMBER USERS FOR EASY CONNECTIVITY.
3. LABEL THE PLATE WITH PHENOLIC, ENGRAVED LABELS DETAILING THE INPUT TO MATCH THE INPUT ON THE CONTROL PANEL.

2 TC302 BLUETOOTH AND LINE LEVEL AND MIC AUDIO INPUT PLATE AND CABLING

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561 FX - 248.338.0223
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

NEW FIELD HOUSE

Dexter Community School District

DRAWING TITLE

Audio/Video Connectivity Details

ISSUE DATES

DATE:	ISSUED FOR:
03-18-2026	D.R. 2 - ADDENDUM #1
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS

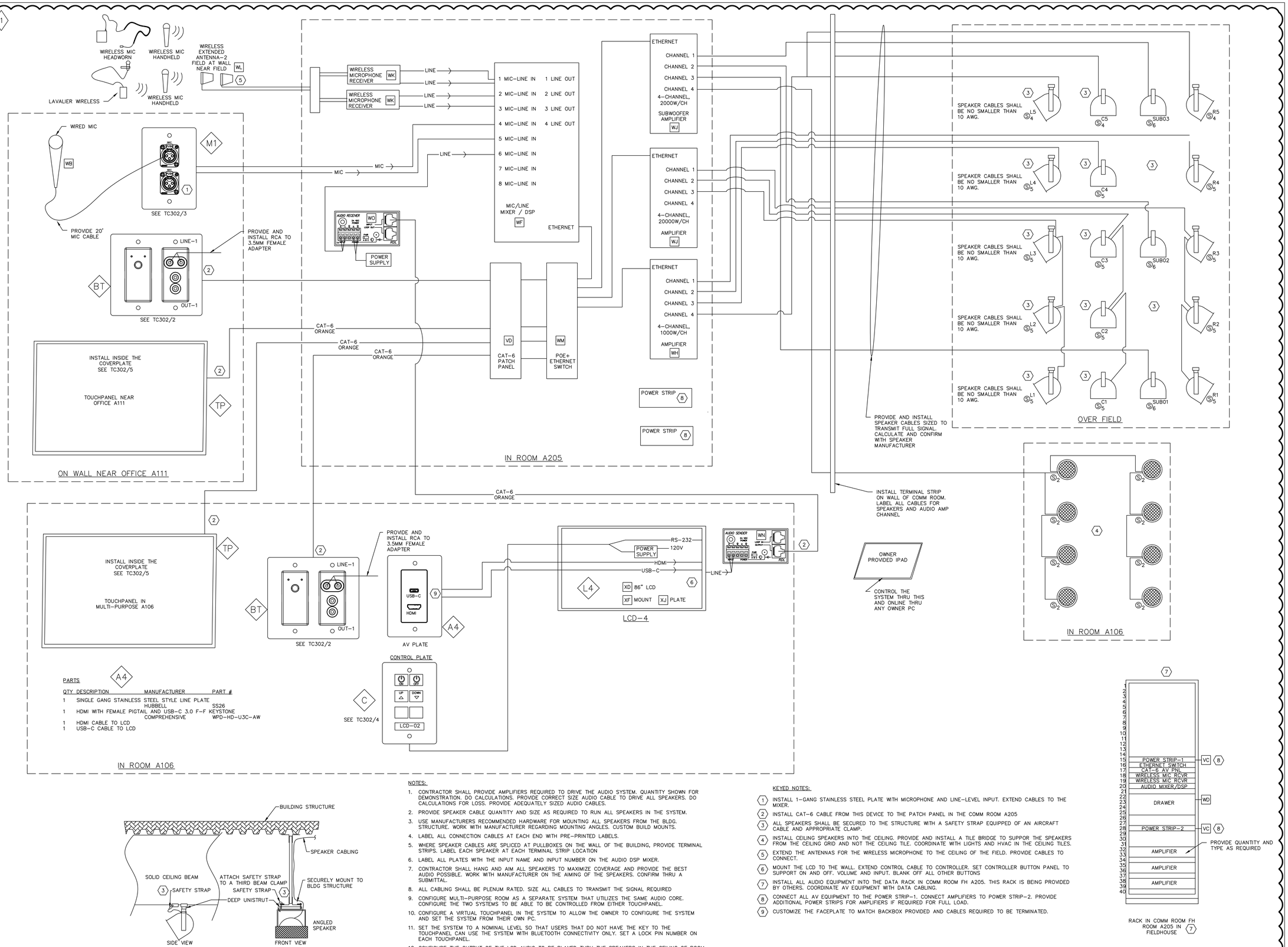
DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25026E

DRAWING NO.

TC302



OPEN CEILING SPEAKER MOUNT-ANGLED OR STRAIGHT DOWN

NOTES:

1. CONTRACTOR SHALL PROVIDE AMPLIFIERS REQUIRED TO DRIVE THE AUDIO SYSTEM. QUANTITY SHOWN FOR DEMONSTRATION. DO CALCULATIONS. PROVIDE CORRECT SIZE AUDIO CABLE TO DRIVE ALL SPEAKERS. DO CALCULATIONS FOR LOSS. PROVIDE ADEQUATELY SIZED AUDIO CABLES.
2. PROVIDE SPEAKER CABLE QUANTITY AND SIZE AS REQUIRED TO RUN ALL SPEAKERS IN THE SYSTEM.
3. USE MANUFACTURERS RECOMMENDED HARDWARE FOR MOUNTING ALL SPEAKERS FROM THE BLDG. STRUCTURE. WORK WITH MANUFACTURER REGARDING MOUNTING ANGLES. CUSTOM BUILD MOUNTS.
4. LABEL ALL CONNECTION CABLES AT EACH END WITH PRE-PRINTED LABELS.
5. WHERE SPEAKER CABLES ARE SPLICED AT PULLBOXES ON THE WALL OF THE BUILDING, PROVIDE TERMINAL STRIPS. LABEL EACH SPEAKER AT EACH TERMINAL STRIP LOCATION
6. LABEL ALL PLATES WITH THE INPUT NAME AND INPUT NUMBER ON THE AUDIO DSP MIXER.
7. CONTRACTOR SHALL HANG AND AIM ALL SPEAKERS TO MAXIMIZE COVERAGE AND PROVIDE THE BEST AUDIO POSSIBLE. WORK WITH MANUFACTURER ON THE AIMING OF THE SPEAKERS. CONFIRM THRU A SUBMITTAL.
8. ALL CABLING SHALL BE PLENUM RATED. SIZE ALL CABLES TO TRANSMIT THE SIGNAL REQUIRED
9. CONFIGURE MULTI-PURPOSE ROOM AS A SEPARATE SYSTEM THAT UTILIZES THE SAME AUDIO CORE. CONFIGURE THE TWO SYSTEMS TO BE ABLE TO BE CONTROLLED FROM EITHER TOUCHPANEL.
10. CONFIGURE A VIRTUAL TOUCHPANEL IN THE SYSTEM TO ALLOW THE OWNER TO CONFIGURE THE SYSTEM AND SET THE SYSTEM FROM THEIR OWN PC.
11. SET THE SYSTEM TO A NOMINAL LEVEL SO THAT USERS THAT DO NOT HAVE THE KEY TO THE TOUCHPANEL CAN USE THE SYSTEM WITH BLUETOOTH CONNECTIVITY ONLY. SET A LOCK PIN NUMBER ON EACH TOUCHPANEL.
12. CONFIGURE THE OUTPUT OF THE LCD AUDIO TO BE PLAYED THRU THE SPEAKERS IN THE CEILING OF ROOM A106.

KEYED NOTES:

1. INSTALL 1-GANG STAINLESS STEEL PLATE WITH MICROPHONE AND LINE-LEVEL INPUT. EXTEND CABLES TO THE MIXER.
2. INSTALL CAT-6 CABLE FROM THIS DEVICE TO THE PATCH PANEL IN THE COMM ROOM A205
3. ALL SPEAKERS SHALL BE SECURED TO THE STRUCTURE WITH A SAFETY STRAP EQUIPPED OF AN AIRCRAFT CABLE AND APPROPRIATE CLAMP.
4. INSTALL CEILING SPEAKERS INTO THE CEILING. PROVIDE AND INSTALL A TILE BRIDGE TO SUPPOR THE SPEAKERS FROM THE CEILING GRID AND NOT THE CEILING TILE. COORDINATE WITH LIGHTS AND HVAC IN THE CEILING TILES.
5. EXTEND THE ANTENNAS FOR THE WIRELESS MICROPHONE TO THE CEILING OF THE FIELD. PROVIDE CABLES TO CONNECT.
6. MOUNT THE LCD TO THE WALL. EXTEND CONTROL CABLE TO CONTROLLER. SET CONTROLLER BUTTON PANEL TO SUPPORT ON AND OFF, VOLUME AND INPUT. BLANK OFF ALL OTHER BUTTONS
7. INSTALL ALL AUDIO EQUIPMENT INTO THE DATA RACK IN COMM ROOM FH A205. THIS RACK IS BEING PROVIDED BY OTHERS. COORDINATE AV EQUIPMENT WITH DATA CABLING.
8. CONNECT ALL AV EQUIPMENT TO THE POWER STRIP-1. CONNECT AMPLIFIERS TO POWER STRIP-2. PROVIDE ADDITIONAL POWER STRIPS FOR AMPLIFIERS IF REQUIRED FOR FULL LOAD.
9. CUSTOMIZE THE FACEPLATE TO MATCH BACKBOX PROVIDED AND CABLES REQUIRED TO BE TERMINATED.

1 TC303 FIELDHOUSE AND WEIGHT ROOM AUDIO/VIDEO SYSTEM CONNECTIVITY

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO @ TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

NEW FIELD HOUSE

Dexter Community School District

DRAWING TITLE

Audio/Video Connectivity Details

ISSUE DATES

03-18-2026	D.R. 2 - ADDENDUM #1
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS

DATE:	ISSUED FOR:
DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

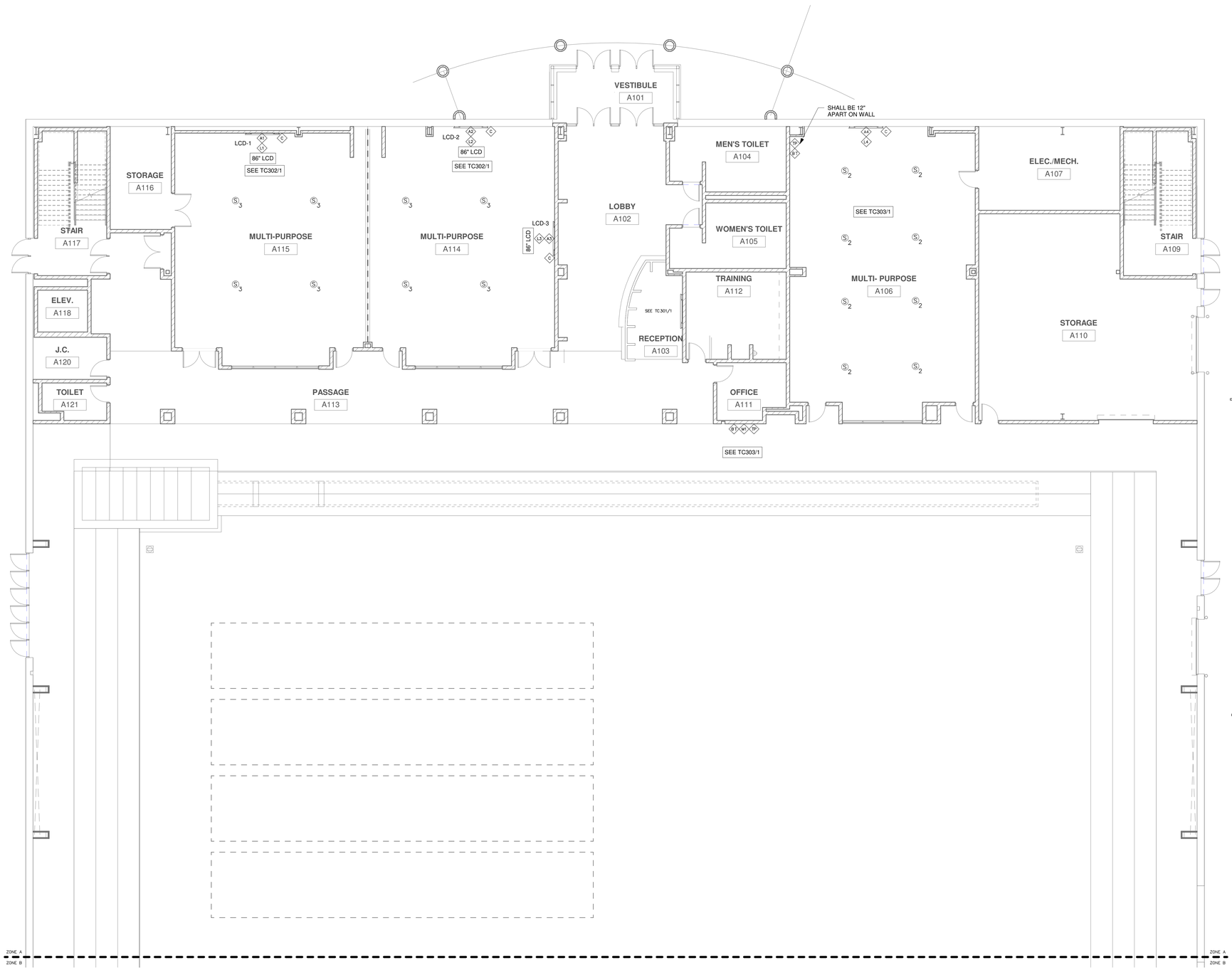
25026E

DRAWING NO.

TC303

GENERAL AV NOTES

1. AV CONTRACTOR SHALL INSTALL ANY PASS-THRU'S REQUIRED FOR ROUTING CABLES AROUND THE BUILDING. FIRESTOP ALL PASS-THRU'S TO MEET APPLICABLE CODES.
2. CONTRACTOR SHALL COMPLETE A WALK-THRU OF THE SITE DURING CONSTRUCTION AND SHALL VERIFY ALL RACEWAYS ARE AS NOTED.
3. NOTE TO THE ELECTRICIAN ANY RACEWAYS REQUIRED THAT ARE NOT ON THE DRAWINGS OR INSTALLED
4. ALL CABLES SHALL BE SUPPORTED ABOVE THE DROP CEILING BY J-HOOKS. HOOKS SHALL BE LOCATED NO LESS THAN EVERY 5 FEET.



1 A/V FIRST FLOOR-ZONE A
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

259 E. MICHIGAN AVENUE · SUITE 308
KALAMAZOO · MICHIGAN · 49007
PH · 269.327.0077 FX · 269.327.8090
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

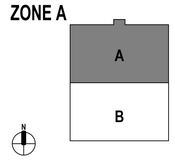
PROJECT TITLE

NEW FIELD HOUSE

DEXTER COMMUNITY SCHOOLS
DEXTER, MI

DRAWING TITLE

FIRST FLOOR AUDIO/VIDEO - ZONE A



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS
02-12-26	OWNER REVIEW
01-23-26	90% CD DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25026E

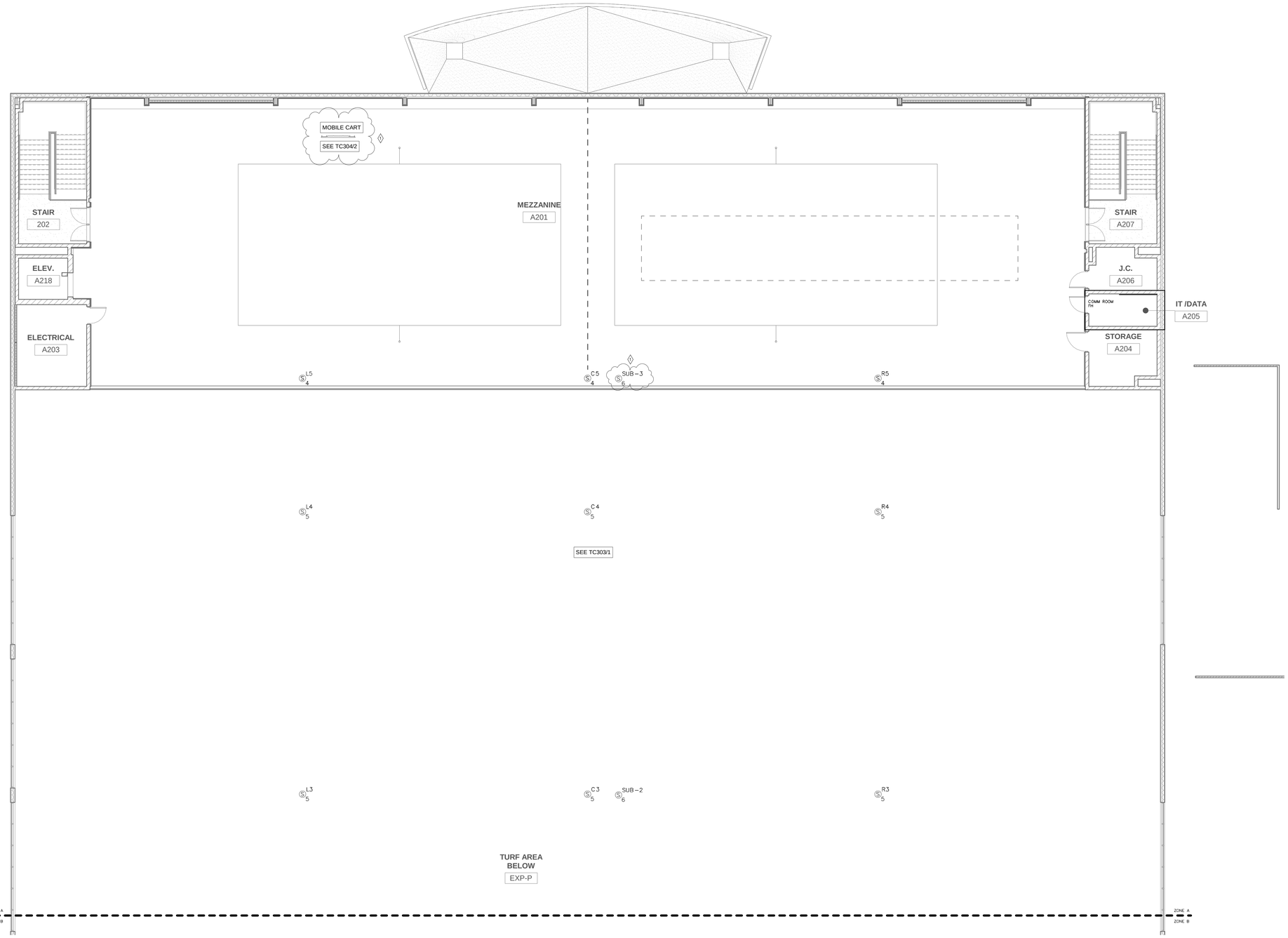
DRAWING NO.

TC401A

Autodesk Docs://25026E_Dexter - New Field House/25026E-Tech-R2025.rvt
2/25/2026 11:52:38 AM

GENERAL AV NOTES

1. AV CONTRACTOR SHALL INSTALL ANY PASS-THRU'S REQUIRED FOR ROUTING CABLES AROUND THE BUILDING. FIRESTOP ALL PASS-THRU'S TO MEET APPLICABLE CODES.
2. CONTRACTOR SHALL COMPLETE A WALK-THRU OF THE SITE DURING CONSTRUCTION AND SHALL VERIFY ALL RACEWAYS ARE AS NOTED.
3. NOTE TO THE ELECTRICIAN ANY RACEWAYS REQUIRED THAT ARE NOT ON THE DRAWINGS OR INSTALLED
4. ALL CABLES SHALL BE SUPPORTED ABOVE THE DROP CEILING BY J-HOOKS. HOOKS SHALL BE LOCATED NO LESS THAN EVERY 5 FEET.



1 A/V SECOND FLOOR-ZONE A
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

259 E. MICHIGAN AVENUE - SUITE 308
KALAMAZOO - MICHIGAN - 49007
PH - 269.327.0077 FX - 269.327.9090
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

CommtechDesign
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

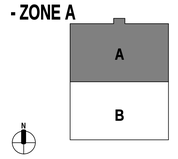
PROJECT TITLE

NEW FIELD HOUSE

DEXTER COMMUNITY
SCHOOLS
DEXTER, MI

DRAWING TITLE

SECOND FLOOR AUDIO/VIDEO - ZONE A



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-19-2026	D.R. 2 - ADDENDUM #1
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS
02-12-26	OWNER REVIEW
01-23-26	90% CD DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25026E

DRAWING NO.

TC402A

Autodesk Docs://25026E_Dexter - New Field House/25026E-Tech-R2025.rvt
3/17/2026 11:04:28 AM

GENERAL AV NOTES

1. AV CONTRACTOR SHALL INSTALL ANY PASS-THRU'S REQUIRED FOR ROUTING CABLES AROUND THE BUILDING. FIRESTOP ALL PASS-THRU'S TO MEET APPLICABLE CODES.
2. CONTRACTOR SHALL COMPLETE A WALK-THRU OF THE SITE DURING CONSTRUCTION AND SHALL VERIFY ALL RACEWAYS ARE AS NOTED.
3. NOTE TO THE ELECTRICIAN ANY RACEWAYS REQUIRED THAT ARE NOT ON THE DRAWINGS OR INSTALLED
4. ALL CABLES SHALL BE SUPPORTED ABOVE THE DROP CEILING BY J-HOOKS. HOOKS SHALL BE LOCATED NO LESS THAN EVERY 5 FEET.



1 A/V SECOND FLOOR-ZONE B
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

259 E. MICHIGAN AVENUE · SUITE 308
KALAMAZOO · MICHIGAN · 49007
PH · 269.327.0077 FX · 269.327.8090
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

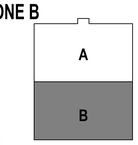
PROJECT TITLE

NEW FIELD HOUSE

DEXTER COMMUNITY SCHOOLS
DEXTER, MI

DRAWING TITLE

SECOND FLOOR AUDIO/VIDEO - ZONE B



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS
02-12-26	OWNER REVIEW
01-23-26	90% CD DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25026E

DRAWING NO.

TC402B

Autodesk Docs://25026E_Dexter - New Field House/25026E-Tech-R2025.rvt
2/25/2026 9:39:09 AM

SECURITY SYMBOL LEGEND

SYMBOL	DESCRIPTION
⟨1⟩	THIS SYMBOL WITH A NUMBER INSIDE REFERS TO KEYNOTES. REFER TO NOTES ON THE SHEET OR WITHIN THE DETAIL FOR ADDITIONAL INFORMATION
A	EQUIPMENT SCHEDULE. THIS SYMBOL WITH LETTERS INSIDE REFERS EQUIPMENT SCHEDULES, SEE DETAILS AND EQUIPMENT SCHEDULES ON TC101, TC301, TC501 AND TC701.
1	CABLE SCHEDULE. THIS SYMBOL WITH NUMBERS INSIDE REFERS EQUIPMENT SCHEDULES, SEE DETAILS AND EQUIPMENT SCHEDULES ON TC101, TC301, TC501 AND TC701.
⟨XX⟩	ACCESS CONTROL SYMBOL. "XX" IS LETTERS. SEE DETAILS ON TC5XX SHEETS FOR EQUIPMENT, CABLING AND RACEWAY DETAILS.
(XXX)	DOOR NUMBER
SEC.PNL	SECURITY PANEL. PROVIDE PANEL AND CONNECT AS SHOWN ON FLOORPLANS AND IN THE SPECIFICATIONS.
C	SECURITY CAMERA. PROVIDE AND INSTALL A NEW SECURITY CAMERA. SEE DETAILS ON TC5XX SHEETS.
C	SECURITY CAMERA WITH 180 DEGREE VIEWING. PROVIDE AND INSTALL A NEW SECURITY CAMERA. SEE DETAILS ON TC5XX SHEETS.
C	SECURITY CAMERA WITH 360 DEGREE VIEWING, SINGLE-IMAGER. PROVIDE AND INSTALL A NEW SECURITY CAMERA. SEE DETAILS ON TC5XX SHEETS.
C C C C	SECURITY CAMERA WITH 270 OR 360 DEGREE VIEWING, MULTI-IMAGER. PROVIDE AND INSTALL A NEW SECURITY CAMERA. SEE DETAILS ON TC5XX SHEETS.

ABBREVIATIONS

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
2G	TWO-GANG BOX - PROVIDED BY EC	NIC	NOT IN CONTRACT
AC	ABOVE COUNTER - INSTALL BACKBOX SAME HEIGHT AS OTHER ELECTRICAL OUTLETS ABOVE THE COUNTER.	PBO	PROVIDED BY OTHERS
AFF	ABOVE FINISHED FLOOR	PCO-1	PATCH CORD ORGANIZER - 1 UNIT HIGH
AFG	ABOVE FINISHED GROUND	PCO-2	PATCH CORD ORGANIZER - 2 UNITS HIGH
AWG	AMERICAN WIRE GAUGE	PET	PROTECTED ENTRANCE TERMINAL
EMT	EMT TYPE CONDUIT	QTY	QUANTITY
EC	ELECTRICAL CONTRACTOR		

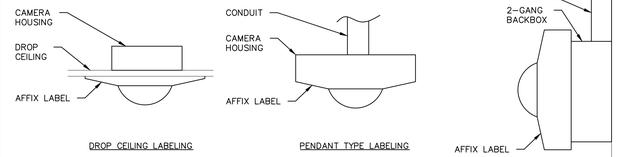
VIDEO SECURITY EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
SA	VIDEO SECURITY NVR SERVER AND RECORDING SOFTWARE. PROVIDE AND INSTALL A SERVER OR SERVERS WITH THE PROCESSING AND STORAGE TO MEET THE OWNERS NEED AS DETAILED ON THE DRAWINGS AND SPECS.	SEE SPECS	SEE SPECS
SB	INTERIOR/EXTERIOR IP CAMERA. 4K RESOLUTION MOUNT AS SHOWN. SEE DETAILS AND SPECIFICATIONS. SEAL AROUND CONDUIT AND MOUNT.-OBJECT ANALYTIC, INTEGRATED WITH THE VMS FOR DETECTING AND SEARCHING BASED UPON SPECIFICS SUCH AS PERSON/VEHICLE/COLOR OF CLOTHES AND COLOR OF VEHICLE	DIGITAL WATCHDOG	DWC-VSDE08Mi
SC	360 DEGREE CAMERA-SINGLE IMAGER. INTERIOR/EXTERIOR. 9 MEGAPIXEL.-OBJECT ANALYTIC, INTEGRATED WITH THE VMS FOR DETECTING AND SEARCHING BASED UPON SPECIFICS SUCH AS PERSON/VEHICLE/COLOR OF CLOTHES AND COLOR OF VEHICLE	DIGITAL WATCHDOG	DWC-PVF9DI2TW
SD	360 DEGREE CAMERA -FOUR (4) SEPARATE IMAGERS, 20 MEGAPIXEL EACH. 270 COVERAGE WITH A DOWNARDS FACING CAMERA. INDOOR/OUTDOOR. -OBJECT ANALYTIC, INTEGRATED WITH THE VMS FOR DETECTING AND SEARCHING BASED UPON SPECIFICS SUCH AS PERSON/VEHICLE/COLOR OF CLOTHES AND COLOR OF VEHICLE	DIGITAL WATCHDOG	DWC-PVX20WATX
SE	180 DEGREE CAMERA -MULTIPLE IMAGERS INDOOR RATED. -OBJECT ANALYTIC, INTEGRATED WITH THE VMS FOR DETECTING AND SEARCHING BASED UPON SPECIFICS SUCH AS PERSON/VEHICLE/COLOR OF CLOTHES AND COLOR OF VEHICLE	DIGITAL WATCHDOG	IN: DWC-XSWA08Bi OUT: DWC-XSBC08Bi

ACCESS CONTROL EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
CA	ACCESS CONTROL SYSTEM, SOFTWARE AND ASSOCIATED/REQUIRED SERVERS	SEE SPECS	SPECS
CB	ACCESS CONTROL ENCLOSURE. BACKPLATE AND LOCKABLE PANEL	ALTRONIX	TROVE 1/2/3
CC	POWER SUPPLY FOR ACCESS CONTROL EQUIPMENT. EQUIP WITH ETHERNET CONNECTIVITY MODULE	ALTRONIX	E-FLOW SERIES W/ LINQ2 ENET MOD.
CD	POWER DISTRIBUTION BOARD AND VOLTAGE REGULATOR. POWERS OTHER BOARDS IN THE ACCESS CTRL PANEL	ALTRONIX	PDS8 SERIES WITH VR6 REGULATOR
CE	ACCESS POWER CONTROLLER	ALTRONIX	ACMS8 OR EQUAL
CF	DOOR ACCESS CONTROL MODULE. IP ATTACHED. QTY AS REQUIRED	MERCURY	LP SERIES OR EQUAL
CG	DOOR ACCESS CONTROL MODULE. RS-485 ATTACHED. QTY AS REQUIRED	MERCURY	MR SERIES OR EQUAL
CH	BATTERY FOR ACCESS CONTROL PANEL	SEE SPECS	SEE SPECS
CJ	INTERCOM BASE STATION	AIPHONE	IX-MV7-HW-JP
CK	IP PROGRAMMABLE RELAY	AIPHONE	IXW-MAA
CL	INTERCOM -SURFACE MOUNT. EQUIP WITH CUSTOM BACKBOX AND PUSHBUTTON BELOW. CUSTOM WIRE TO SUPPORT ADA APPROVED CALL BUTTON HEIGHT	AIPHONE /ALARM CONTROLS	IX-DVF

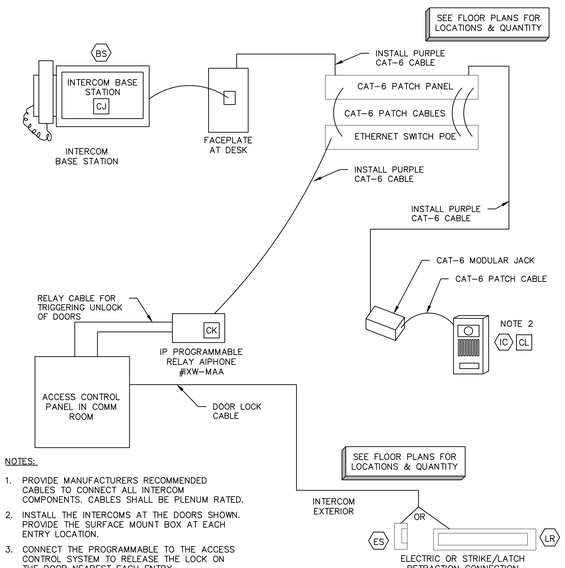
NOTES:
1. INSTALL A SELF-ADHESIVE, LASER PRINTER LABEL TO THE CAMERA THAT IS VISIBLE FROM BELOW THE DROP CEILING.
2. LABEL SHALL BE OF STRONG ADHESIVE TO ATTACH TO CAMERA HOUSING. LABEL SHALL MATCH THE CAMERA NUMBER IN THE SOFTWARE.
3. DEMONSTRATE TO THE DESIGNER THE LABEL AND WHERE THE LABEL WILL BE AFFIXED TO EACH CAMERA PRIOR TO INSTALLATION. AFFIX A LABEL TO EACH CAMERA



XX-DDD
ADHESIVE CAMERA LABEL

XX = BUILDING NAME
DDD = CAMERA NUMBER

1 TC501 CAMERA LABELING VISIBLE PORTION OF THE BUILDING



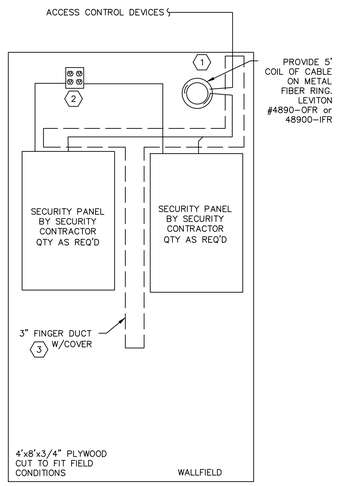
NOTES:
1. PROVIDE MANUFACTURERS RECOMMENDED CABLES TO CONNECT ALL INTERCOM COMPONENTS. CABLES SHALL BE PLENUM RATED.
2. INSTALL THE INTERCOMS AT THE DOORS SHOWN. PROVIDE THE SURFACE MOUNT BOX AT EACH ENTRY LOCATION.
3. CONNECT THE PROGRAMMABLE TO THE ACCESS CONTROL SYSTEM TO RELEASE THE LOCK ON THE DOOR NEAREST EACH ENTRY.
4. FULLY CONFIGURE THE SYSTEM TO RELEASE THE LOCK AT THE DOOR WHERE THE EXTERIOR INTERCOM IS LOCATED.
5. INSTALL CAT-6 CABLE FROM DEVICE TO THE PATCH PANEL IN EACH COMM ROOM. CABLE SHALL BE PURPLE. PROVIDE A PURPLE CAT-6 MODULAR JACK AND "BISCUIT" TYPE JACK AT EACH LOCATION.

4 TC501 ENTRY DOOR INTERCOM CONNECTIVITY DIAGRAM

NO SCALE

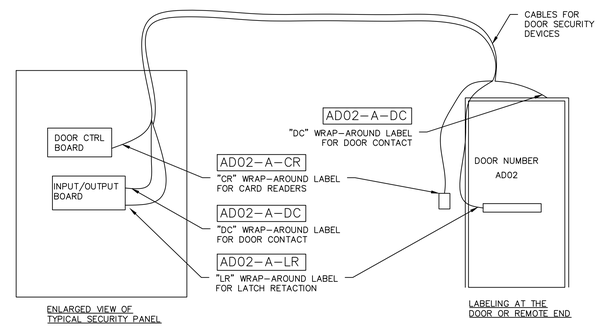
SECURITY PANEL WALLFIELD NOTES:
1. PLYWOOD SHALL BE INSTALLED ON THE WALL BEHIND THE PANELS AND RACEWAYS.
2. PLYWOOD SHALL BE FIREPROOF, A/C GRADE, C SIDE TO THE WALL.
3. INSTALL "FINGER-DUCT" TYPE RACEWAY OR D-RINGS TO ROUTE THE CABLES FROM THE CEILING TO THE PANELS.
4. MOUNT THE PANELS SO THAT THE TOP OF THE PANELS IS ABOUT 6' AFF.
5. CONNECT SECURITY PANELS TO A GROUND BAR. PROVIDE GROUND BAR ON THE WALLFIELD.

KEYED NOTES:
1. PROVIDE 5' OF CABLE PRIOR TO TERMINATION IN THE SECURITY PANEL. PROVIDE ON A FIBER OPTIC METAL RING. INSTALL ABOVE THE PANELS. PROVIDE ONE FOR EACH PANEL. GROUP PANEL CABLES ONTO PANEL SPECIFIC RING.
2. EXTEND 120V POWER TO THE POWER SUPPLIES IN THE PANELS. HARDWIRE ALL CONNECTIONS. PROVIDE CONDUIT AND WIRING FROM CLOSEST CIRCUIT.
3. PROVIDE SUPPORT FOR THE CABLES WITH "FINGER-DUCT" OR OTHER RACEWAY.



3 TC501 TYPICAL SECURITY WALLFIELD

NO SCALE



AD02 = DOOR NUMBER AS SHOWN ON DRAWINGS
A = COMM ROOM WHERE PANEL RESIDES
LR = TWO LETTER DESIGNATION FOR DEVICE THAT THE CABLE CONNECTS TO.

NOTES:
1. INSTALL A WRAP-AROUND LABEL AT EACH END OF EACH CABLE.
2. WRAP-AROUND LABELS SHALL BE LASER-PRINTED AND BE SELF-LAMINATING.
3. AT THE PANEL THE CABLE SHALL BE LABELED AS IT CONNECTS TO THE PANEL LABEL INDIVIDUAL SHEATHED CABLES IN A MULTI-SERVICE CABLE.
4. AT THE DOOR INSTALL THE LABEL AT THE DEVICE WHERE IT IS CONNECTED.

2 TC501 TYPICAL ACCESS CONTROL CABLE LABELING

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE
NEW FIELD HOUSE

Dexter Community School District

DRAWING TITLE
Security Legends, Schedules & Details

ISSUE DATES

DATE:	ISSUED FOR:
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.
25026E

DRAWING NO.
TC501

OPERATION SEQUENCE WHEN THE DOORS ARE LOCKED ENTERING FROM OUTSIDE –VALID ID CARD

1. IF THE PERSON PRESENTS A VALID CARD THEN THE LATCH SHALL RETRACT INSIDE THE EXTERIOR DOOR
.
2. THE SECURITY SYSTEM SHALL ALLOW THE EXTERIOR PUSH BUTTON TO BE ENERGIZED. ONCE THE PUSH BUTTON IS ENERGIZED THEN THE EXTERIOR DOOR SHALL BE OPENED OF THE BUTTON IS PUSHED.

3. THE EXTERIOR AUTO OPENER CONTROL BOARD SHALL COMMUNICATE TO THE CONTROL BOARD OF THE INTERIOR DOOR AND THAT DOOR SHALL OPEN.

OPERATION SEQUENCE WHEN THE DOORS ARE UNLOCKED ENTERING FROM OUTSIDE

1. THE LATCH BOLT MONITOR SHALL NOTE THAT THE LATCH IS RETRACTED AND SHALL COMMUNICATE THAT INFORMATION TO THE CONTROL BOARD IN THE AUTO OPENER.

2. THE CONTROL BOARD SHALL ALLOW THE EXTERIOR PUSH BUTTON TO BE ENERGIZED. ONCE THE PUSH BUTTON IS ENERGIZED THEN THE EXTERIOR DOOR SHALL BE OPENED OF THE BUTTON IS PUSHED.

3. THE EXTERIOR AUTO OPENER CONTROL BOARD SHALL COMMUNICATE TO THE CONTROL BOARD OF THE INTERIOR DOOR AND THAT DOOR SHALL OPEN.

OPERATION SEQUENCE WHEN THE DOORS ARE LOCKED ENTERING FROM OUTSIDE –NO CARD OR INVALID CARD

1. IF THE PERSON PUSHES THE EXTERIOR OPENER BUTTON THEN THE AUTO OPENER SHALL NOT ENGAGE BECAUSE THE OPENER BUTTON IS NOT ENERGIZED.

2. THE EXTERIOR OPENER BUTTON IS NOT ENERGIZED UNLESS THE LATCH BOLT MONITOR NOTES THAT THE LATCH IS RETRACTED.

OPERATION SEQUENCE WHEN THE DOORS ARE LOCKED, EXITING FROM INTERIOR

1. WHEN A PERSON PUSHES THE INTERIOR OPENER BUTTON THEN THAT SHALL COMMUNICATE WITH THE INTERIOR AUTO OPENER AND OPEN THAT DOOR.

2. THE CONTROL BOARD OF THE INTERIOR AUTO OPENER SHALL COMMUNICATE WITH THE CONTROL BOARD OF THE EXTERIOR AUTO OPENER AND NOTE THAT THE INTERIOR OPENER BUTTON HAS BEEN PRESSED.

3. THE CONTROL BOARD OF THE EXTERIOR AUTO OPENER SHALL COMMUNICATE WITH THE ACCESS CONTROL SYSTEM AND INSTRUCT IT TO RETRACT THE LATCH ON THE EXTERIOR DOOR.

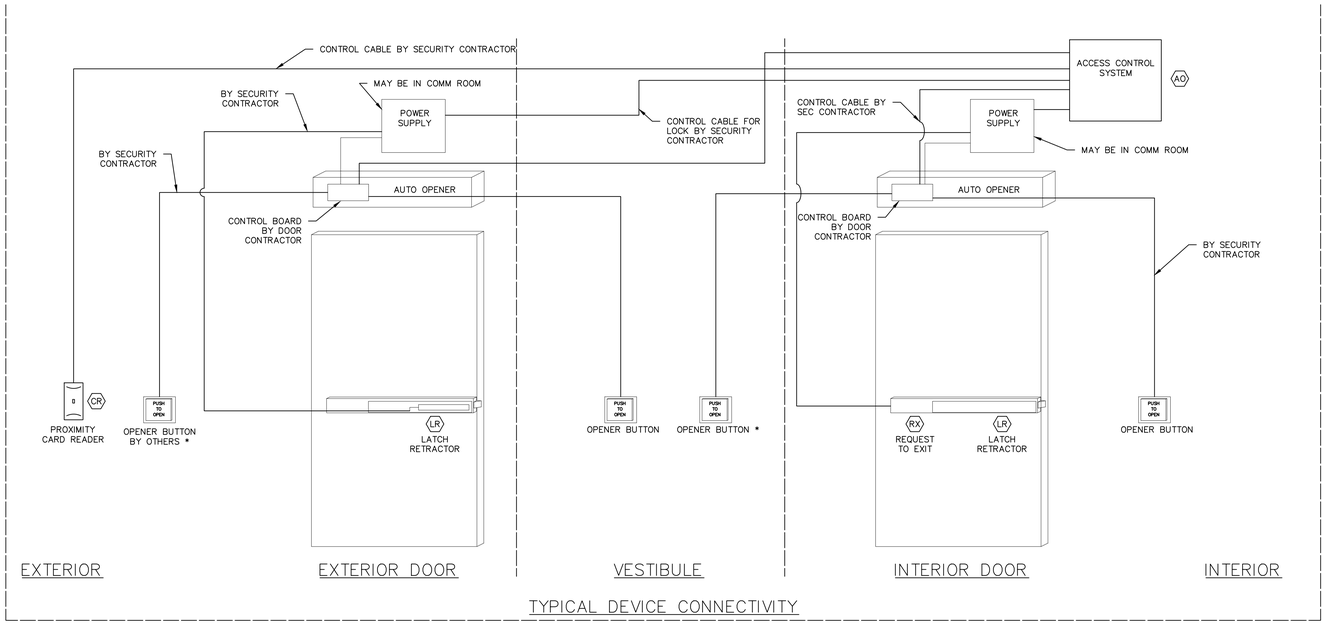
4. THE EXTERIOR CONTROL BOARD SHALL WAIT A SET NUMBER OF SECONDS AND THEN IT SHALL ENGAGE THE EXTERIOR AUTO OPENER TO OPEN THE EXTERIOR DOOR.

OPERATION SEQUENCE WHEN THE DOORS ARE LOCKED, EXITING FROM VESTIBULE

1. WHEN A PERSON PUSHES THE VESTIBULE OPENER BUTTON THEN THAT SHALL COMMUNICATE WITH THE INTERIOR AUTO OPENER AND OPEN THAT DOOR. IT SHALL ALSO COMMUNICATE WITH THE CONTROL BOARD OF THE EXTERIOR AUTO OPENER.

2. THE CONTROL BOARD OF THE EXTERIOR AUTO OPENER SHALL COMMUNICATE WITH THE ACCESS CONTROL SYSTEM AND INSTRUCT IT TO RETRACT THE LATCH ON THE EXTERIOR DOOR.

3. THE EXTERIOR CONTROL BOARD SHALL WAIT A SET NUMBER OF SECONDS AND THEN IT SHALL ENGAGE THE EXTERIOR AUTO OPENER TO OPEN THE EXTERIOR DOOR.
4.

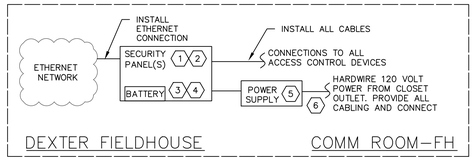


TYPICAL DEVICE CONNECTIVITY

GENERAL NOTE:

- THE OUTSIDE OPENER BUTTON WILL BE ENABLED & DISABLED BY THE ACCESS CONTROL SYSTEM. THE BUTTONS WILL BE ENABLED WHEN THE DOOR IS UNLOCKED.

1 / TC502 — ADA DOOR OPENER & ACCESS CONTROL INTEGRATION DIAGRAM



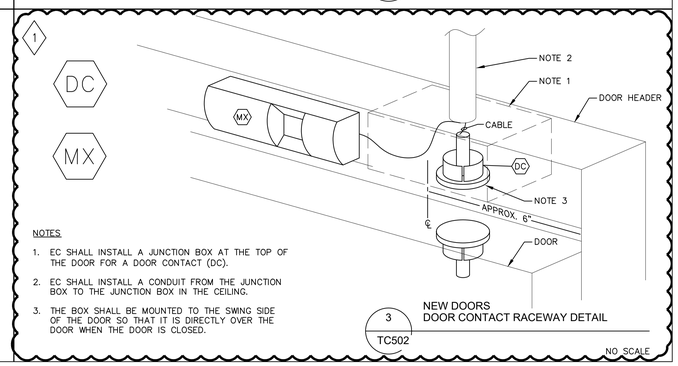
CONNECTIVITY NOTES:

1. PROVIDE THE QUANTITY OF EACH ITEM AS SHOWN ON THE DRAWINGS.
2. THE COMMUNICATIONS CONTRACTOR SHALL WORK WITH THE OWNER TO CONFIGURE THE SYSTEM TO MEET THE OWNERS REQUIREMENTS.
3. CABLES FOR CONNECTION FROM THE ACCESS CONTROL PANELS SHALL BE PLENUM RATED.
4. CONTRACTOR SHALL PROVIDE ALL CABLING FOR CONNECTION OF NEW SECURITY DEVICES. THE CABLES SHALL BE THE SAME COLOR. COORDINATE CABLE COLOR WITH OTHER CONTRACTORS SO THAT THE SECURITY CABLES ARE A UNIQUE COLOR.
5. ALL CABLES SHALL BE LABELED AT EACH END. LABEL THEM WITH THE DOOR NUMBER AND THEN FOR THE DEVICE TO WHICH THEY CONNECT. IN EXAMPLE: P124–DC.
6. THE CONTRACTOR SHALL INCLUDE SUFFICIENT TIME INTO THE PROJECT TO CUSTOM CONFIGURE THE ACCESS CONTROL SYSTEM TO INTERFACE AND CONTROL EACH SYSTEM SHOWN ON THE DIAGRAM AND DESCRIBED IN THE SPECIFICATIONS.
7. PROVIDE THE QUANTITY OF BADGES/FOBS/MOBILE CREDENTIALS AS NOTED. PRINT ALL PROXIMITY CARDS AS PER THE OWNERS DIRECTION.

KEYED NOTES:

1. ACCESS CONTROL PANELS SHALL BE LOCATED WHERE SHOWN ON THE DRAWINGS. CONNECT ALL DEVICES TO THESE PANELS. ALSO PROVIDE CABLING TO CONNECT THE PANELS TO THE ETHERNET SWITCHES IN THE RACKS.
2. WHERE MORE THAN ONE PANEL IS AT THE SAME LOCATION, THE CONTRACTOR CAN CONNECT ONE PANEL TO THE ETHERNET NETWORK AND CONNECT THE OTHER PANELS TO THE ETHERNET CONNECTED PANEL.
3. THERE WILL BE PANELS IN ONE OR MORE COMMUNICATIONS ROOMS. SEE THE FLOORPLANS FOR SUGGESTED PANEL LOCATIONS. INSTALL PANELS AS NOTED AND AS REQUIRED FOR COMPLETE CONNECTIVITY. CONNECT TO THE DATA NETWORK AND OTHER ACCESS CONTROL PANELS.
4. INSTALL BATTERY BACKUP TO EACH PANEL TO SUPPORT DURING A SHORT POWER OUTAGE. SEE SPECIFICATIONS FOR BATTERY BACKUP REQUIREMENTS.
5. THE CONTRACTOR SHALL PROVIDE A POWER SUPPLY IN THE COMMUNICATIONS ROOM TO POWER ALL THE DOOR HARDWARE.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTING THE PANELS TO 120 VOLT POWER. CONNECT WITH A HARDWIRED CONNECTION. PROVIDE CABLING AND CONDUIT/BOXES FOR CONNECTIVITY

2 / TC502 — ACCESS CONTROL DIAGRAM



NOTES

1. EC SHALL INSTALL A JUNCTION BOX AT THE TOP OF THE DOOR FOR A DOOR CONTACT (DC).
2. EC SHALL INSTALL A CONDUIT FROM THE JUNCTION BOX TO THE JUNCTION BOX IN THE CEILING.
3. THE BOX SHALL BE MOUNTED TO THE SWING SIDE OF THE DOOR SO THAT IT IS DIRECTLY OVER THE DOOR WHEN THE DOOR IS CLOSED.

3 / TC502 — NEW DOORS DOOR CONTACT RACEWAY DETAIL

NO SCALE

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561 FX • 248.338.0223
EM • INFO @ TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

NEW FIELD HOUSE

Dexter Community School District

DRAWING TITLE

Security Equipment Details

ISSUE DATES

03–18–2026	D.R. 2 – ADDENDUM #1
02–26–2026	D.R. 2 – CONSTRUCTION DOCUMENTS

DATE:	ISSUED FOR:
DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25026E

DRAWING NO.

TC502

ACCESS CONTROL READER DETAILS

CR	CARD READER – INSTALL TO THE BACKBOX OR IN THE DOOR FRAME. COORDINATE IN FIELD PRIOR TO ORDERING. WIRE TO SECURITY SYSTEM

ACCESS CONTROL LOCK DETAILS

LR	LATCH RETRACTION DEVICE – THIS DEVICE IS AN ELECTRONIC PUSHBAR ON THE SECURE SIDE OF THE DOOR. WIRE FROM THIS DEVICE, THROUGH THE DOOR HINGETO THE POWER SUPPLY IN THE COMMUNICATIONS ROOM. PROVIDE POWER SUPPLY
ES	ELECTRIC STRIKE – STRIKE IS PROVIDED AND INSTALLED BY DOOR CONTRACTOR. WIRE FROM THIS DEVICE TO SECURITY PANEL. PROVIDE POWER SUPPLY IN COMM ROOM.

INTERCOM / ASST. OPENER DETAILS

IC	INTERCOM – INSTALL TO THE BOX OR SURFACE MOUNT TO THE WALL. WIRE TO THE COMM ROOM VIA CAT–6 CABLE.
BS	INTERCOM BASE SYSTEM – THIS DEVICE SHALL BE INSTALLED AT THE RECEPTION DESK. WIRE TO COMM ROOM VIA CAT–6 CABLE.
AO	ASSISTED OPENER – THIS MECHANICALLY OPENS A DOOR. IT IS INSTALLED BY THE DOOR HARDWARE CONTRACTOR. COORDINATE LOCKS AND ALARMS WITH THIS OPENER AND ASSOCIATED OPENER BUTTONS. SEE SPECS. CONFIGURE TO RELEASE LOCK AND WIRE TO RELEASE LOCK PRIOR TO ENGAGING ON EXTERIOR CONTROLLED DOORS
AB	ASSISTED OPENER BUTTON– THIS BUTTON IS BY THE DOOR CONTRACTOR. IT IS NOTED FOR LOCATION. ON INTERIOR BUTTONS. WIRE TO THIS BUTTON TO MOMENTARILY UNLOCK EXTERIOR DOOR PRIOR TO ENGAGING OPENER.

ACCESS CONTROL AT DOOR DETAILS

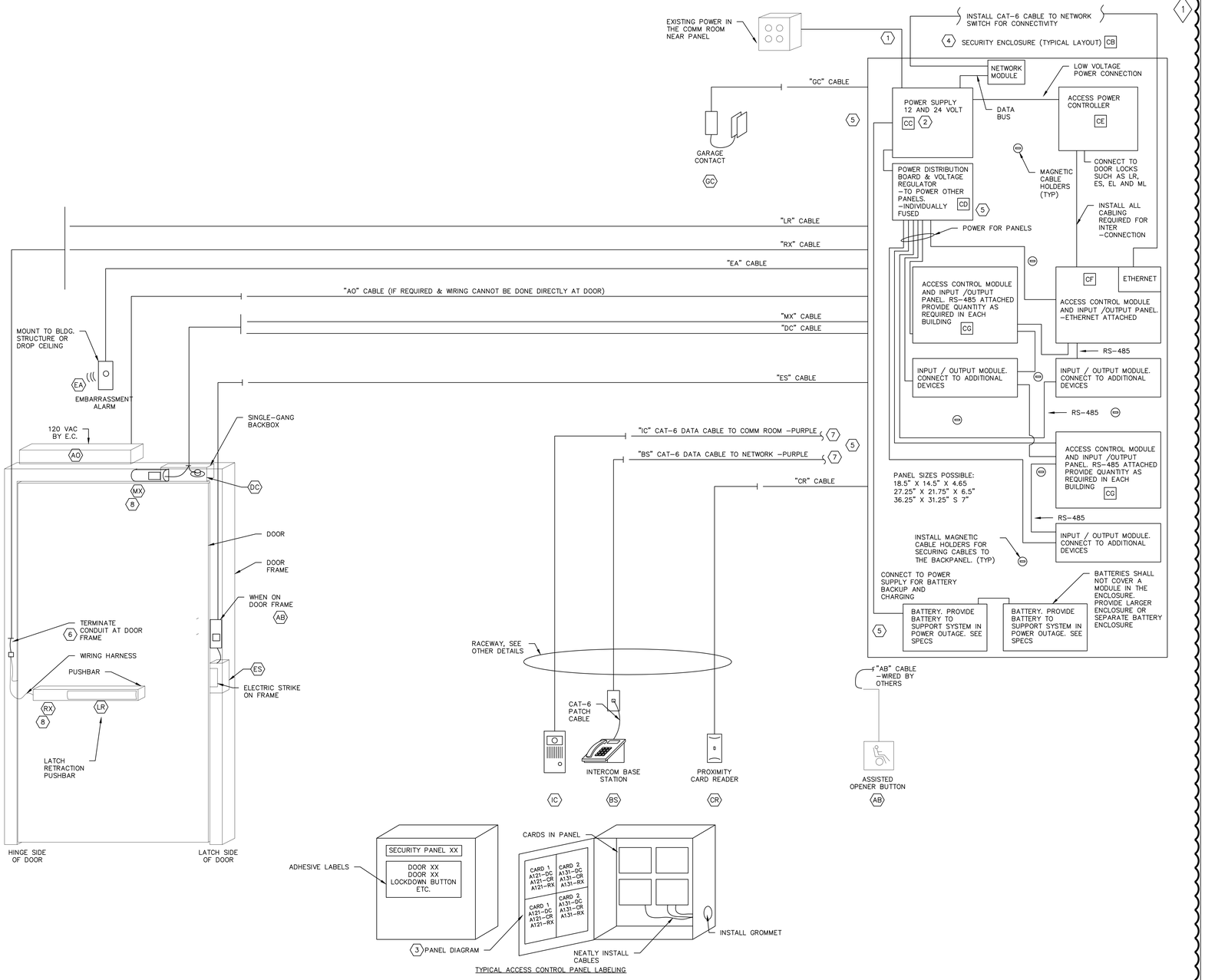
MX	MOTION SENSOR REQUEST TO EXIT – MOUNT ABOVE THE DOOR. WIRE TO SECURITY SYSTEM/ACCESS CONTROL SYSTEM TO SHUNT DOOR CONTACT WHEN EXITING BLDG.
RX	REQUEST TO EXIT IN LOCK – THIS IS A SWITCH THAT IS PROVIDED WITH THE DOOR LOCKING DEVICE. WIRE TO SECURITY PANEL TO SHUNT DOOR CONTACT WHEN EXITING BLDG.
DC	DOOR CONTACT – MOUNT ABOVE THE DOOR. WIRE TO SECURITY SYSTEM/INTRUSION DETECTION SYSTEM TO TRIGGER AN ALARM
GC	GARAGE CONTACT – INSTALL AN OVERHEAD DOOR CONTACT. WIRE TO SECURITY SYSTEM/INTRUSION DETECTION SYSTEM TO TRIGGER AN ALARM
EA	PIEZO EXIT / EMBARASSMENT ALARM – LOCATE TO BUILDING STRUCTURE OR INTO DROP CEILING. WIRE TO SECURITY SYSTEM/INTRUSION DETECTION SYSTEM TO TRIGGER AN AUDIBLE ALARM WHEN A DOOR IS OPEN. CONFIGURE ON A TIME SCHEDULE.

GENERAL NOTES:

1. SEE OTHER DETAILS FOR RACEWAY REQUIREMENTS FOR ALL CABLING AND DEVICES. REFER TO THE PLAN DRAWINGS FOR THE SPECIFIC FIELD DEVICE AND WHERE IT IS TO BE INSTALLED.
2. AT SOME LOCATIONS THE CARD READER WILL HAVE TO BE INSTALLED INTO THE DOOR FRAME. PROVIDE A FRAME TYPE READER AT THESE LOCATIONS. VERIFY PRIOR TO ORDERING EQUIPMENT.
3. ALL SECURITY DEVICES SHALL BE WIRED DIRECTLY BACK TO THE SECURITY SYSTEM (ACCESS CONTROL) PANELS OR INTRUSION DETECTION PANEL. LOCATE PANELS ON THE WALLS OF COMMUNICATIONS ROOMS OR AS SHOWN ON THE FLOOR PLANS. SEE OTHER DETAILS FOR MOUNTING AND RACEWAY REQUIREMENTS FOR CABLING.
4. PROVIDE ALL SECURITY CABLES AND ALL SECURITY PANELS REQUIRED FOR CONNECTIVITY OF THE SYSTEM. SHALL BE PLENUM RATED IN PLENUM AREAS.
5. LABEL THE OUTSIDE OF THE PANEL FOR THE DOORS AND DEVICES THAT ARE CONNECTED INSIDE THE PANEL. PROVIDE A PANEL DIAGRAM INSIDE THE PANEL THAT SHOWS THE CARDS AND WHAT IS CONNECTED TO EACH PORT ON THE CARDS.
6. PROVIDE MAGNETIC CABLE SUPPORTS THROUGHOUT THE PANEL FOR SUPPORT OF CABLES AS THEY ROUTE BETWEEN CARDS IN THE PANEL.
7. INCLUDE NYLON OR PLASTIC GROMMETS IN THE PANELS WHERE CABLES ROUTE INTO THE PANELS.
8. CONNECT BATTERIES TO THE PANEL TO SUPPORT THE PANEL AND DEVICES FOR A SHORT POWER OUTAGE.

KEYED ACCESS CONTROL NOTES:

1. CONTRACTOR SHALL EXTEND POWER FROM EXISTING OUTLET TO THE POWER SUPPLIES ON THE WALL/IN THE PANEL. PROVIDE ALL RACEWAY AND WIRING FOR EXTENSION OF POWER. MAKE ALL CONNECTIONS
2. PROVIDE A POWER SUPPLY TO SUPPORT THE SECURITY PANELS AND ALL END USER DEVICES SUCH AS LOCKS, STROBES, REQUEST TO EXIT DEVICES, ALARMS ETC.
3. AFFIX A CUSTOM SHEET OF PAPER INSIDE THE PANEL DOOR THAT SHOWS WHAT DOORS OR DEVICES ARE CONNECTED TO EACH PANEL. LAMINATE OR INSTALL IN A PLASTIC SLEEVE.
4. CUT HOLE IN PANEL TO SUPPORT CABLE INSTALLATION. INSTALL A NYLON OR PLASTIC GROMMET IN THE PANEL.
5. CONNECT ALL CABLES AND DEVICES TO THE CONTROLLERS/BOARDS WITHIN THE PANEL THAT IS REQUIRED FOR CONNECTIVITY AND SYSTEM OPERATION. PROVIDE A COIL OF 5' OF CABLE ABOVE THE PANEL ON THE WALL.
6. FOR AN EL OR LR DEVICE THE DOOR HARDWARE SUPPLIER WILL PROVIDE A WIRING HARNESS FROM THE LOCK THROUGH THE HINGE AND INTO THE DOOR FRAME. SECURITY CONTRACTOR TO WIRE FROM PANEL OR POWER SUPPLY TO THE WIRING HARNESS.
7. INSTALL A CAT–6 CABLE FROM THIS LOCATION TO THE PATCH PANEL IN THE RACK IN THE COMM ROOM. CABLE AND JACKS SHALL BE PURPLE. TERMINATE WITH A CAT–6 MODULAR JACK AT EACH END.
8. CONNECT TO THE MOTION REQUEST TO EXIT (MX) OR REQUEST TO EXIT (RX) TO SHUNT ALARM. SHALL BE MOUNTED TO THE SECURE SIDE OF THE DOOR.



TYPICAL ACCESS CONTROL PANEL LABELING

1 DOOR HARDWARE & SECURITY EQUIPMENT CONNECTIVITY REQUIREMENTS
TC503

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561 FX - 248.338.0223
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE
NEW FIELD HOUSE

Dexter Community School District

DRAWING TITLE
Access Control Diagram

ISSUE DATES

DATE:	ISSUED FOR:
03–18–2026	D.R. 2 – ADDENDUM #1
02–26–2026	D.R. 2 – CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.
25026E

DRAWING NO.
TC503

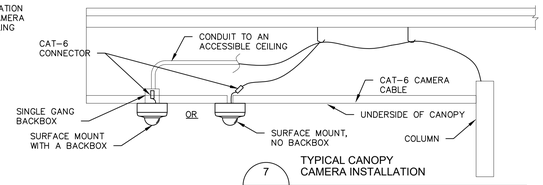
CANOPY MOUNT



SURFACE MOUNT ON ONE-LINE DIAGRAM

NOTES
1. INSTALL CAMERA TO THE UNDERSIDE OF THE CANOPY.
2. ROUTE CABLE WITHIN THE CANOPY FROM CAMERA LOCATION TO THE VERTICAL COLUMN.
3. INSTALL CABLE DOWN COLUMN, THROUGH CONDUIT AND TO THE BUILDING.
4. IF A BACKBOX IS INSTALLED THEN ATTACH TO THE BACKBOX. IF NO BACKBOX IS INSTALLED THEN ATTACH TO THE CANOPY UNDERSIDE. CUT A HOLE TO PULL CABLE DOWN TO CAMERA. COORDINATE LOCATION OF CABLE AND CAMERA PRIOR TO CEILINING BEING INSTALLED.
5. INSTALL THE PATCH CABLE FROM CAT-6 CONNECTOR TO CAMERA. SHALL BE PLENUM RATED.
6. INSTALL A LABEL ON THE CAMERA THAT IS VISIBLE FROM BELOW.

TYPICAL INSTALLATION FOR INTERIOR CAMERA IN AN OPEN CEILING PENDANT MOUNT



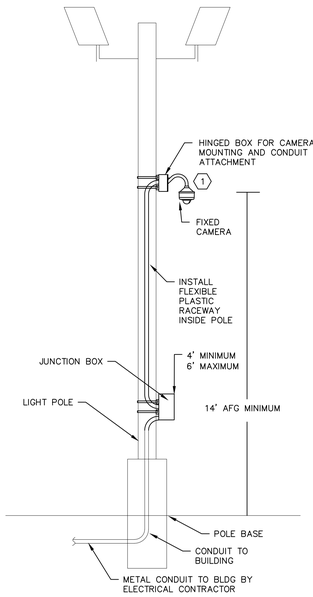
7 TC504 TYPICAL CANOPY CAMERA INSTALLATION

KEYED NOTES:

1 PROVIDE ONE (1) SURGE SUPPRESSOR FOR EACH CAT-6 CABLE THAT IS FED FROM THE POLE. CONNECT TO GROUND BAR. ENSURE DIRECTION OF ARRESTOR IS CORRECT.

GENERAL NOTES:

1. POLE IS BEING INSTALLED AS PART OF THIS PROJECT. INSTALL NEW CAMERAS WHERE SHOWN ON SITE PLAN OR CAMERA ONE LINE.
2. INSTALL JUNCTION BOX AT BOTTOM OF POLE FOR TERMINATION OF CABLE AND INSTALLATION OF LIGHTNING ARRESTOR. SEE ELECTRICAL FOR BOX SIZE.
3. INSTALL CONDUIT AND PATCH CABLE FROM JUNCTION BOX TO THE CAMERA. CONNECT CAMERA AND TEST.



CABLE INSIDE OF POLE

SEE ELECTRICAL DRAWINGS FOR ACTUAL CONDUIT REQUIREMENTS AND ROUTING

8 TC504 CAMERA POLE MOUNTING DETAIL

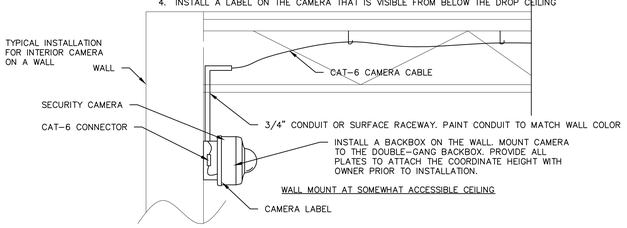
WALL/CEILING MOUNT – FIXED CEILING

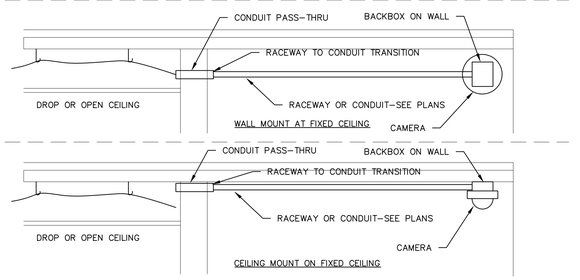


WALL/CEILING MOUNT ON ONE-LINE DIAGRAM

NOTES
1. INSTALL CAMERAS ON THE WALL. PROVIDE THE RACEWAY AND BACKBOX.
2. SEE SPECS AND DRAWINGS FOR INFORMATION ABOUT WHO INSTALLS CAT-6 CABLE FROM COMM ROOM TO CAMERA LOCATION
3. SECURITY CONTRACTOR SHALL INSTALL THE PATCH CABLE FROM CAT-6 CONNECTOR TO CAMERA. SHALL BE PLENUM RATED.
4. INSTALL A LABEL ON THE CAMERA THAT IS VISIBLE FROM BELOW THE DROP CEILING

TYPICAL INSTALLATION FOR INTERIOR CAMERA ON A WALL

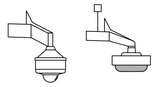




5 TC504 TYPICAL INTERIOR WALL/CEILING MOUNT CAMERA INSTALLATION

NOT TO SCALE

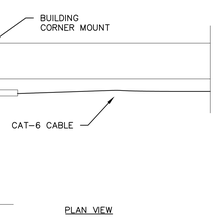
EXTERIOR CORNER MOUNT



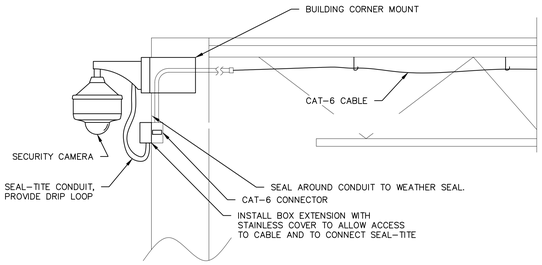
CORNER WALL MOUNT ON ONE-LINE DIAGRAM

NOTES:
1. INSTALL A CORNER MOUNT AT HEIGHT APPROVED BY OWNER.
2. INSTALL PATCH CABLE FROM CAT-6 CONNECTOR TO CAMERA. SHALL BE PLENUM RATED.
3. ALL CAMERAS SHALL BE INSTALLED WITH SEAL-TITE. SEAL AT WALL. NO CABLE SHALL BE VISIBLE. PROVIDE ALL CONNECTORS FOR SEAL-TITE

TYPICAL INSTALLATION FOR EXTERIOR CAMERA ON THE CORNER OF A BUILDING.



PLAN VIEW



ELEVATION

6 TC504 EXTERIOR CORNER, WALL MOUNT NEW BUILD. IN-WALL BOX PROVIDED

NOT TO SCALE

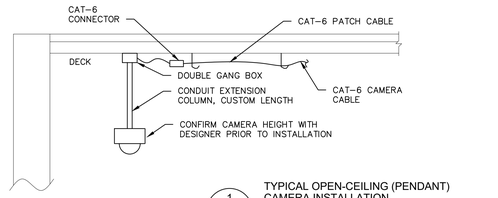
PENDANT MOUNT IN OPEN CEILING



PENDANT MOUNT ON ONE-LINE DIAGRAM

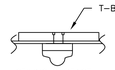
NOTES
1. INSTALL CAMERA IN A PENDANT MOUNT SUPPORTED BY CONDUIT TO THE DECK OR STRUCTURE.
2. INSTALL THE PATCH CABLE FROM CAT-6 CONNECTOR TO CAMERA. SHALL BE PLENUM RATED.
3. INSTALL A LABEL ON THE CAMERA THAT IS VISIBLE FROM BELOW.

TYPICAL INSTALLATION FOR INTERIOR CAMERA IN AN OPEN CEILING PENDANT MOUNT

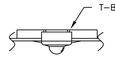


1 TC504 TYPICAL OPEN-CEILING (PENDANT) CAMERA INSTALLATION

DROP OR FIXED CEILING



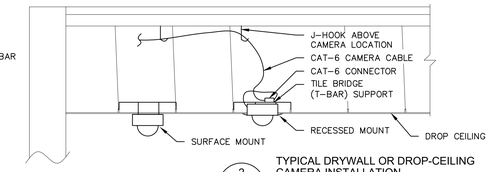
CEILING SURFACE MOUNT ON ONE-LINE DIAGRAM



CEILING RECESSED MOUNT ON ONE-LINE DIAGRAM

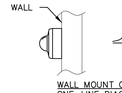
NOTES
1. INSTALL CAMERAS RECESSED IN DROP CEILING OR DRYWALL CEILING. PROVIDE THE CORRECT MOUNT.
2. SEE SPECS & DRAWINGS FOR INFORMATION ABOUT WHO INSTALLS CAT-6 CABLE FROM COMM ROOM TO CAMERA LOCATION.
3. SECURITY CONTRACTOR SHALL INSTALL THE PATCH CABLE FROM CAT-6 CONNECTOR TO CAMERA. SHALL BE PLENUM RATED.
4. INSTALL A LABEL ON THE CAMERA THAT IS VISIBLE FROM BELOW THE DROP CEILING.

TYPICAL INSTALLATION FOR INTERIOR CAMERA IN A DROP CEILING OR FIXED CEILING.



2 TC504 TYPICAL DRYWALL OR DROP-CEILING CAMERA INSTALLATION

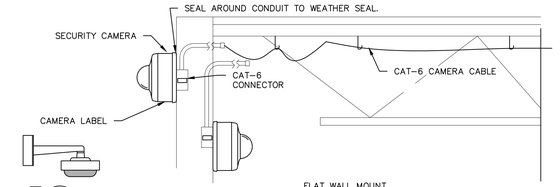
EXTERIOR/INTERIOR WALL MOUNT



WALL MOUNT ON ONE-LINE DIAGRAM

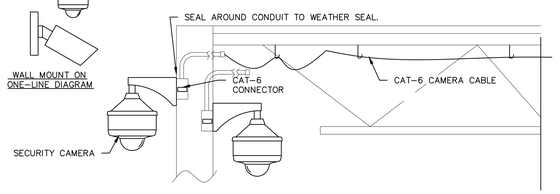
NOTES
1. INSTALL CAMERAS TO THE BACKBOX IN THE WALL. CHECK CONDUIT AND BACKBOX WITH ELECTRICIAN DURING CONSTRUCTION
2. SEE SPECS & DRAWINGS FOR INFORMATION ABOUT WHO INSTALLS CAT-6 CABLE FROM COMM ROOM TO CAMERA LOCATION.
3. SECURITY CONTRACTOR SHALL INSTALL THE PATCH CABLE FROM CAT-6 CONNECTOR TO CAMERA. SHALL BE PLENUM RATED.
4. WHERE THE CAMERA LOOKS OUT FROM THE BUILDING INSTALL THE FLAT WALL MOUNT. WHERE THE CAMERA IS SHOWN LOOKING ALONG THE BUILDING THE CONTRACTOR SHALL INSTALL THE PENDANT WALL MOUNT.

TYPICAL INSTALLATION FOR EXTERIOR CAMERA MOUNTED ON A WALL



FLAT WALL MOUNT

USE THIS MOUNT WHEN THE CAMERA IS LOOKING STRAIGHT OUT FROM THE BUILDING.



PENDANT WALL MOUNT

USE THIS MOUNT WHEN THE CAMERA IS AIMED TO PROVIDE AN IMAGE ALONG THE EXTERIOR WALL.

3 TC504 EXTERIOR OR INTERIOR WALL MOUNT NEW BUILD. BACKBOX PROVIDED

NOT TO SCALE

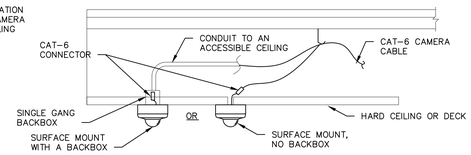
HARD CEILING



SURFACE MOUNT ON ONE-LINE DIAGRAM.

NOTES
1. INSTALL CAMERA TO THE UNDERSIDE OF THE CEILING OR STRUCTURE.
2. IF A BACKBOX IS INSTALLED THEN ATTACH TO THE BACKBOX. IF NO BACKBOX IS INSTALLED THEN ATTACH TO THE CEILING. CUT A HOLE TO PULL CABLE DOWN TO CAMERA. COORDINATE LOCATION OF CABLE AND CAMERA PRIOR TO CEILINING BEING INSTALLED.
3. INSTALL THE PATCH CABLE FROM CAT-6 CONNECTOR TO CAMERA. SHALL BE PLENUM RATED.
4. INSTALL A LABEL ON THE CAMERA THAT IS VISIBLE FROM BELOW.

TYPICAL INSTALLATION FOR INTERIOR CAMERA IN AN OPEN CEILING PENDANT MOUNT



4 TC504 TYPICAL HARD CEILING CAMERA INSTALLATION

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

NEW FIELD HOUSE

Dexter Community School District

DRAWING TITLE

Camera Mounting Details

ISSUE DATES

DATE:	ISSUED FOR:
02-26-2026	D.R. 2 – CONSTRUCTION DOCUMENTS

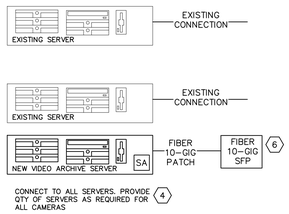
DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

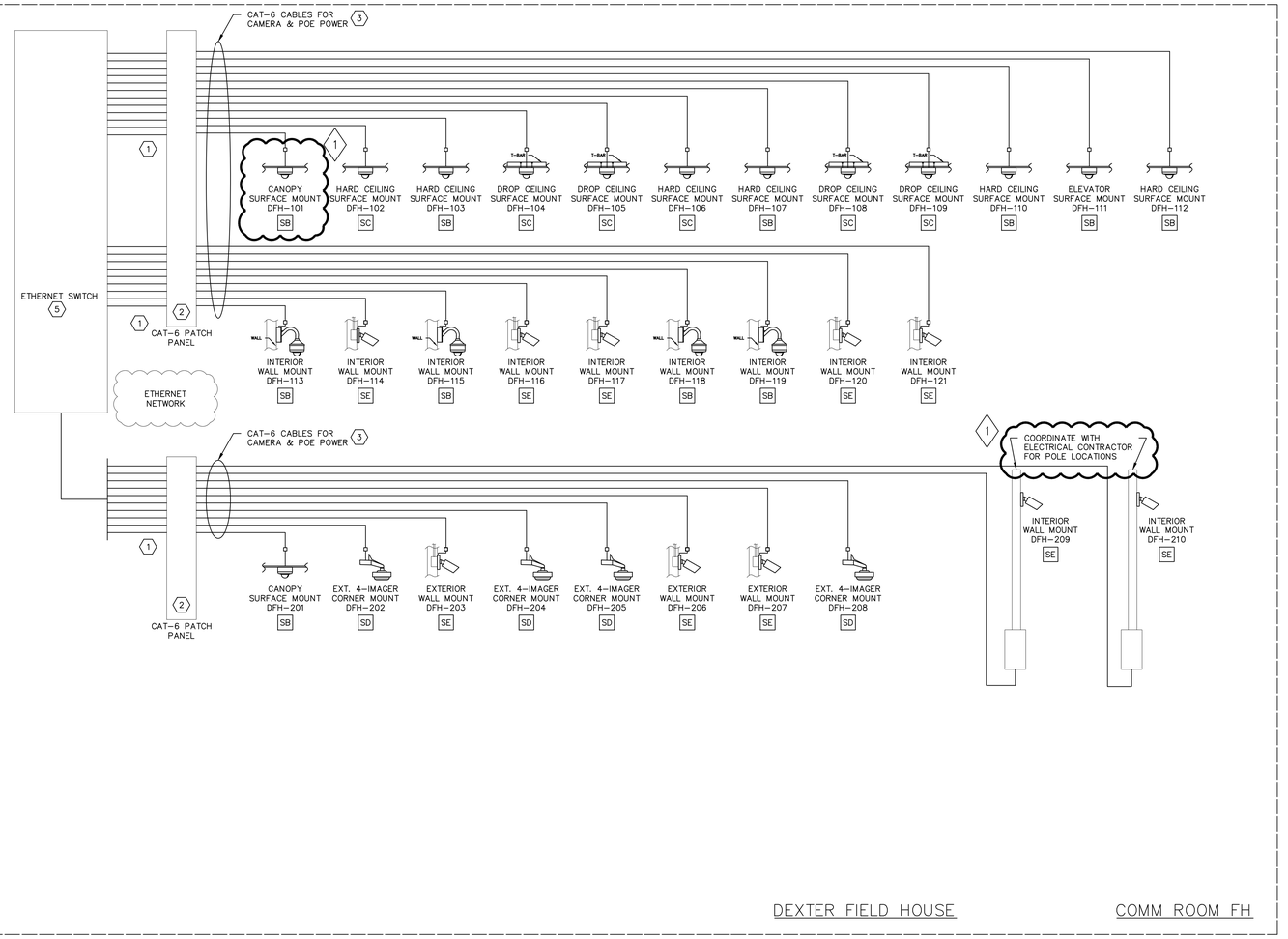
PROJECT NO.

25026E

DRAWING NO.

TC504





GENERAL VIDEO SECURITY NOTES:

1. CONTRACTOR SHALL PROVIDE ALL PATCH CABLES AT THE CAMERA AND AT THE COMM ROOM. MATCH COLOR OF CAMERA CABLE. 12" LONG AT SWITCH. 10' AT THE CAMERA
2. THE CONTRACTOR SHALL SUPPLY ANY & ALL BALUNS, COUPLERS ADAPTERS & CONVERTERS THAT ARE REQUIRED FOR THE INTER-CONNECTION OF ALL THE SECURITY COMPONENTS.
3. CONTRACTOR SHALL PROVIDE THE CORRECT CAMERA MOUNT BASED ON CAMERA LOCATION AND STRUCTURE AVAILABLE. VERIFY CAMERA LOCATION PRIOR TO ORDERING MOUNTS AND CAMERAS.
4. CAMERAS IN DROP CEILINGS SHALL BE RECESSED MOUNT. PROVIDE BACKPLATE OR T-BAR FOR SUPPORT FROM GRID, NOT JUST THE TILE.
5. WHERE THE CAMERA IS NOT INSTALLED INTO A DROP CEILING THE CONTRACTOR SHALL PROVIDE A MOUNT AND HOUSING. PROVIDE WEATHERPROOF MOUNTS ON EXTERIOR CAMERAS.
6. EXTERIOR CAMERAS SHALL BE RATED FOR OUTDOOR INSTALLATION AND SHALL PROVIDE THEIR OWN HEAT.
7. CONTRACTOR SHALL MEET WITH THE OWNER AND DETAIL ALL THE CAPABILITIES OF THE SYSTEM. THE CONFIGURATION OF THE RECORDER AND CAMERAS SHALL BE BASED ON THESE MEETINGS WITH THE OWNER. TAKE NOTES DURING THE MEETINGS. SUBMIT WITH AS-BUILTS
8. CONTRACTOR SHALL PROVIDE THE CORRECT LENS TO EACH CAMERA BASED ON THE INSTALLED LOCATION AND THE OWNERS REQUIREMENTS FOR THE FIELD OF VIEW. WORK WITH THE OWNER DURING INSTALLATION.
9. ALL CAMERAS SHALL CONNECT TO THE IP NETWORK SWITCH IN THE COMMUNICATIONS ROOM. CONTRACTOR SHALL WORK WITH THE OWNER ON CONFIGURATION OF THE ETHERNET SWITCH.
10. PRIOR TO CAMERA INSTALLATION THE CONTRACTOR SHALL CONDUCT A "GREEN-TAPE" WALK-THRU OF THE SITES WITH THE OWNER AND IDENTIFY ALL CAMERA LOCATIONS AND INSTALL TAPE AT EACH CAMERA LOCATION.
11. NETWORK VIDEO RECORDER(S) (NVR) SHALL BE PROVIDED BY THE CONTRACTOR. SEE SPECS FOR SIZING AND TYPE. SHALL BE DIGITAL WATCHDOG TO MATCH EXISTING.

KEYED VIDEO SECURITYNOTES:

1. PROVIDE ALL PATCH CABLES REQUIRED FOR CONNECTION OF ALL CAMERAS AT THE CAMERA AND AT THE NETWORK SWITCH. ALL PATCH CABLES SHALL BE MATCH CABLE COLOR
2. LABEL THE CAT-6 PATCH PANEL WITH THE CAMERA NUMBER THE CABLE CONNECTS TO. SHALL BE LASER PRINTED. SEE SPECS
3. SEE SPECIFICATIONS AND BID SCOPES TO DETERMINE WHICH CONTRACTOR IS TO INSTALL AND TERMINATE THE CAT-6 CABLES USED FOR SECURITY CAMERAS.
4. THE SERVER(S) SHALL BE LOCATED IN THE COMMUNICATIONS ROOM IN CREEKSIDE. CONTRACTOR SHALL PROVIDE A NEW SERVER OR SERVERS BASED ON THE SIZING REQUIRED IN THE SPECIFICATINS. LOAD ALL SOFTWARE REQUIRED TO RECORD AND MANAGE ALL CAMERAS THROUGHOUT THE BUILDING. PROVIDE THE QUANTITY OF SERVERS AND STORAGE AS REQUIRED TO RECORD AND VIEW ALL CAMERAS AS PER THE SPECIFICATIONS PLUS GROWTH SHOWN IN THE SPECIFICATIONS
5. THE SECURITY CONTRACTOR SHALL MEET WITH THE OWNER TO CONFIRM ALL NETWORK SPECIFICATION REQUIREMENTS FOR A VLAN OR OTHER QUALITY OF SERVICE SETTINGS FOR THE CAMERA SYSTEM
6. PROVIDE AN SFP MODULE FOR 10 GIGABIT CONNECTIVITY VIA FIBER CABLE INTO THE ETHERNET SWITCH

REFER TO THE PLANS FOR CAMERA LOCATIONS

1 / TC505 — VIDEO SECURITY DIAGRAM DEXTER FIELD HOUSE

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561 FX - 248.338.0223
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

NEW FIELD HOUSE

Dexter Community School District

DRAWING TITLE

Camera One-Line

ISSUE DATES

DATE:	ISSUED FOR:
03-18-2026	D.R. 2 - ADDENDUM #1
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

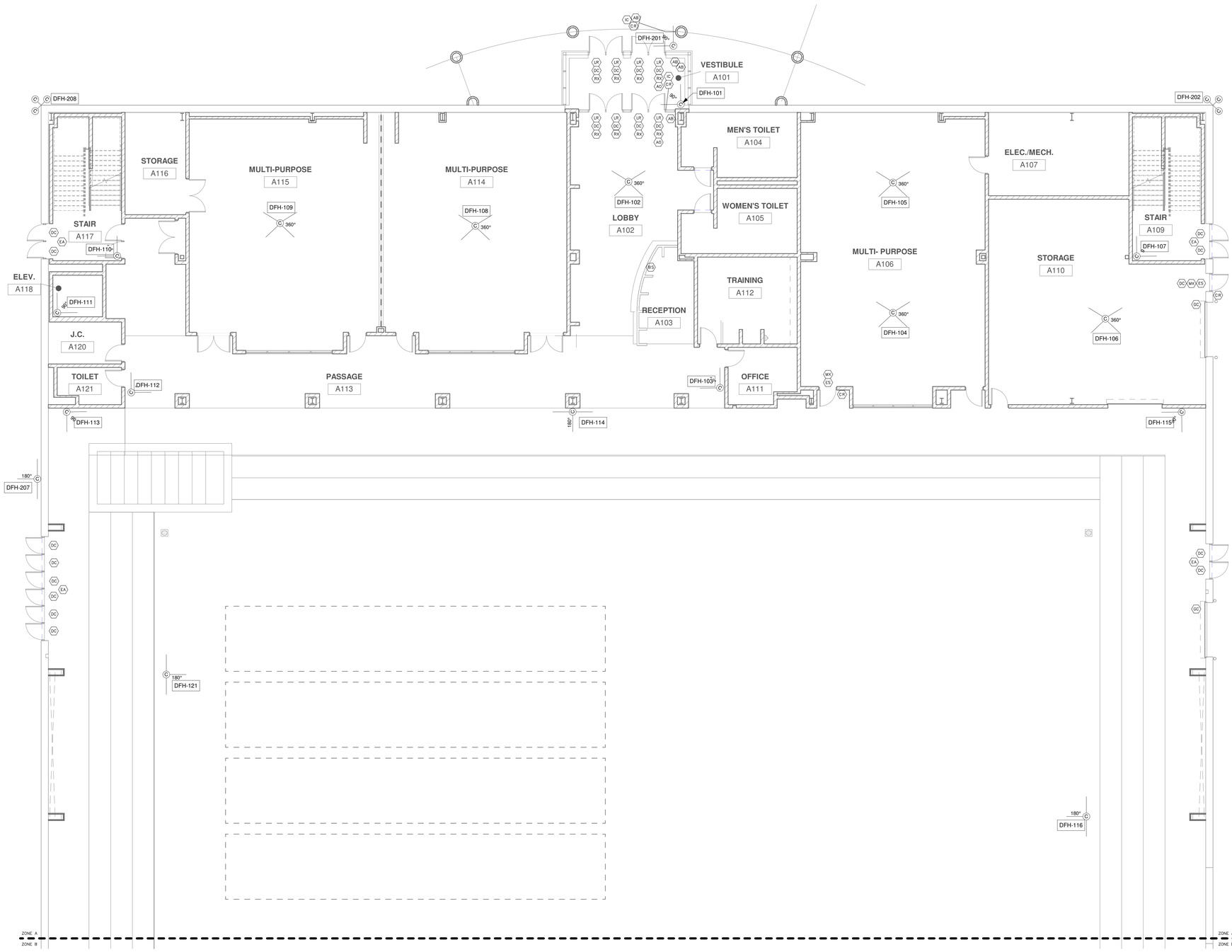
25026E

DRAWING NO.

TC505

GENERAL SECURITY NOTES

1. SECURITY CONTRACTOR SHALL INSTALL ANY CONDUITS & PASS-THRU'S REQUIRED FOR ROUTING CABLES AROUND THE BUILDING IN ADDITION TO THOSE SHOWN.
2. CONTRACTOR SHALL COMPLETE A WALK-THRU PRIOR TO CONSTRUCTION & SHALL VERIFY ALL RACEWAYS & PATHWAYS.
3. ALL CABLES SHALL BE SUPPORTED ABOVE THE DROP CEILING BY J-HOOKS. HOOKS SHALL BE LOCATED NO LESS THAN EVERY 5 FEET.
4. WHERE A CAMERA IS MARKED AS SURFACE MOUNTED ON THE ONE-LINE, THAT CAMERA MAY BE MOUNTED TO THE CEILING OR WALL. PROVIDE A BACKBOX & RACEWAY.



1 SECURITY FIRST FLOOR-ZONE A
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

259 E. MICHIGAN AVENUE · SUITE 308
KALAMAZOO · MICHIGAN · 49007
PH · 269.327.0077 FX · 269.327.8090
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

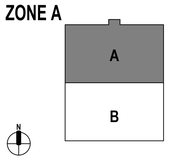
PROJECT TITLE

NEW FIELD HOUSE

DEXTER COMMUNITY
SCHOOLS
DEXTER, MI

DRAWING TITLE

FIRST FLOOR SECURITY - ZONE A



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS
02-12-26	OWNER REVIEW
01-23-26	90% CD DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25026E

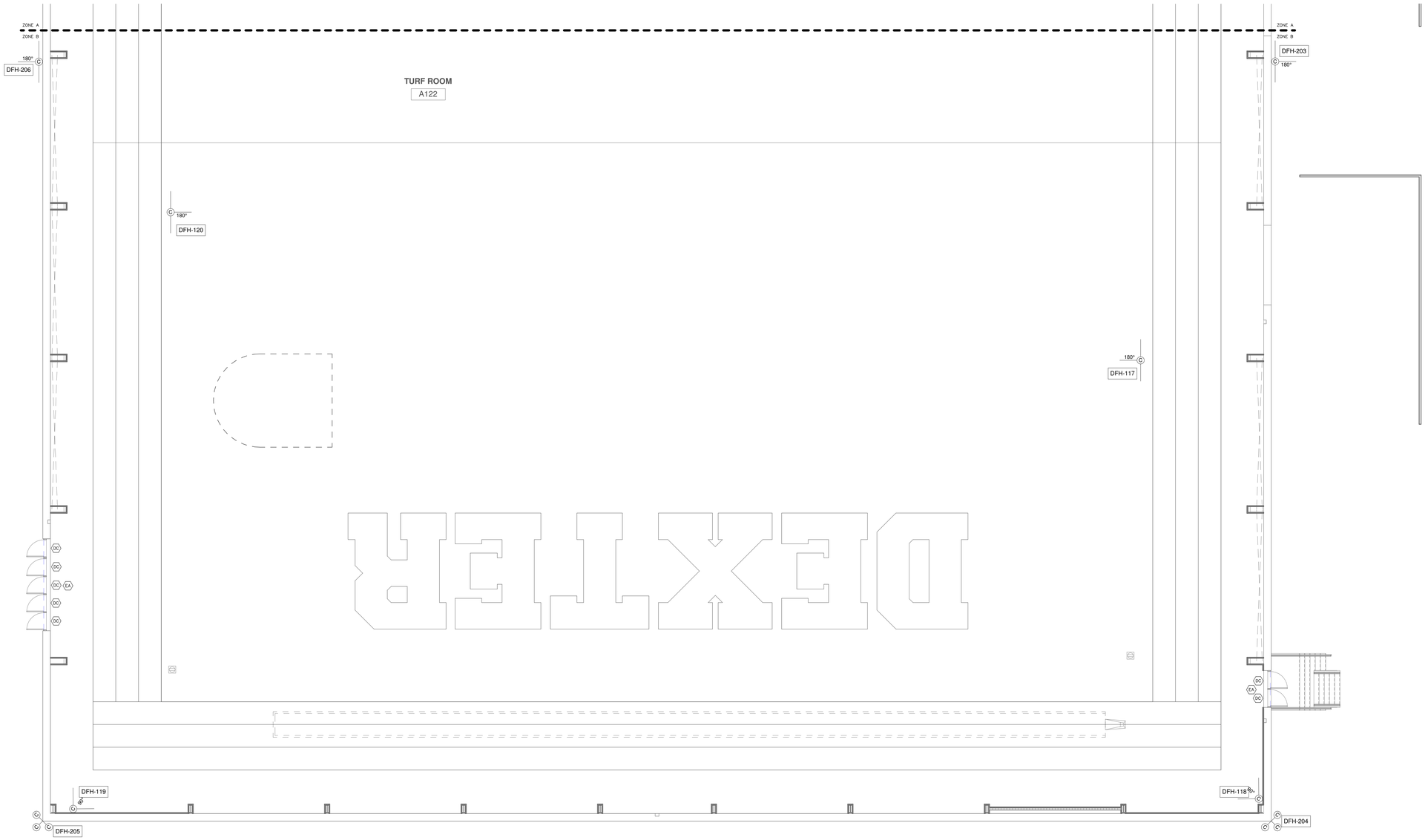
DRAWING NO.

TC601A

Autodesk Docs://25026E_Dexter - New Field House/25026E-Tech-R2025.rvt
2/25/2026 9:39:07 AM

GENERAL SECURITY NOTES

1. SECURITY CONTRACTOR SHALL INSTALL ANY CONDUITS & PASS-THRU'S REQUIRED FOR ROUTING CABLES AROUND THE BUILDING IN ADDITION TO THOSE SHOWN.
2. CONTRACTOR SHALL COMPLETE A WALK-THRU PRIOR TO CONSTRUCTION & SHALL VERIFY ALL RACEWAYS & PATHWAYS.
3. ALL CABLES SHALL BE SUPPORTED ABOVE THE DROP CEILING BY J-HOOKS. HOOKS SHALL BE LOCATED NO LESS THAN EVERY 5 FEET.
4. WHERE A CAMERA IS MARKED AS SURFACE MOUNTED ON THE ONE-LINE, THAT CAMERA MAY BE MOUNTED TO THE CEILING OR WALL. PROVIDE A BACKBOX & RACEWAY.



1 SECURITY FIRST FLOOR-ZONE B
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

259 E. MICHIGAN AVENUE · SUITE 308
KALAMAZOO · MICHIGAN · 49007
PH · 269.327.0077 FX · 269.327.8090
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

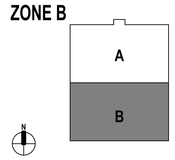
PROJECT TITLE

NEW FIELD HOUSE

DEXTER COMMUNITY
SCHOOLS
DEXTER, MI

DRAWING TITLE

FIRST FLOOR SECURITY - ZONE B



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS
02-12-26	OWNER REVIEW
01-23-26	90% CD DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25026E

DRAWING NO.

TC601B

Autodesk Docs://25026E_Dexter - New Field House/25026E-Tech-R2025.rvt
2/25/2026 9:39:08 AM

ABBREVIATIONS

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
2G	TWO–GANG BOX – PROVIDED BY EC	NIC	NOT IN CONTRACT
AC	ABOVE COUNTER – INSTALL BACKBOX SAME HEIGHT AS OTHER ELECTRICAL OUTLETS ABOVE THE COUNTER.	PBO	PROVIDED BY OTHERS
AFF	ABOVE FINISHED FLOOR	PCO–1	PATCH CORD ORGANIZER – 1 UNIT HIGH
AFG	ABOVE FINISHED GROUND	PCO–2	PATCH CORD ORGANIZER – 2 UNITS HIGH
AWG	AMERICAN WIRE GAUGE	PET	PROTECTED ENTRANCE TERMINAL
EMT	EMT TYPE CONDUIT	QTY	QUANTITY
EC	ELECTRICAL CONTRACTOR		

RACEWAY SYMBOL LEGEND

SYMBOL	DESCRIPTION
(1)	THIS SYMBOL WITH A NUMBER INSIDE REFERS TO KEYNOTES. REFER TO NOTES ON THE SHEET OR WITHIN THE DETAIL FOR ADDITIONAL INFORMATION
X"	PASS THRU. CONDUIT WITH GROMMETS TO BE INSTALLED. SIZE AS NOTED. NO LESS THAN 1". SEE DETAILS ON TRXXX FLOOR PLANS AND DETAILS. SEAL PER UL REQUIREMENTS
X"	VERTICAL RISER CONDUIT WITH GROMMETS TO BE INSTALLED. SIZE AS NOTED. SEE DETAILS ON TRXXX FLOOR PLANS AND DETAILS. SEAL PER UL REQUIREMENTS
(E)	RACEWAY SYMBOL. SEE TRXXX SHEETS FOR DETAILS FOR RACEWAY REQUIREMENTS.

ACCESS CONTROL AT DOOR RACEWAY

MX	MOTION SENSOR REQUEST TO EXIT – INSTALLED AT TOP OF DOOR FRAME ABOVE DOOR. INSTALL BACKBOX AT DOOR FRAME AND CONDUIT TO CEILING.
RX	REQUEST TO EXIT IN LOCK – SWITCH INSIDE PUSHBAR OR ELECTRIC LATCH. INSTALL CONDUIT TO HINGE SIDE OF DOOR
DC	DOOR CONTACT – INSTALLED AT TOP OF DOOR FRAME ABOVE DOOR. INSTALL BACKBOX AT DOOR FRAME AND CONDUIT TO CEILING.
GC	GARAGE CONTACT – INSTALL AN OVERHEAD DOOR CONTACT. CONDUIT AND BACKBOX INSTALLED AT 6'6" AFF
EA	EMBARASSMENT ALARM – MOUNT TO DROP OR HARD CEILING. INSTALL CONDUIT AND BACKBOX ON WALL AT 9' AFF IF NO CEILING IS INSTALLED

INTERCOM / ASST. OPENER RACEWAY

IC	INTERCOM – DEVICE FOR AUDIO AND VIDEO CONNECTION TO UNSECURE SIDE OF DOOR. INSTALL CONDUITS AND BACKBOX.
BS	INTERCOM BASE SYSTEM – DEVICE FOR AUDIO AND VIDEO CONNECTION AT DESK. INSTALL CONDUITS AND BACKBOX TO UNDERSIDE OF DESK
AO	ASSISTED OPENER – THIS MECHANICALLY OPENS A DOOR. CONDUIT FROM OPENER TO CEILING.
AB	ASSISTED OPENER BUTTON– BUTTON TO TRIGGER ASSISTED OPENER. INSTALL CONDUIT AND BACKBOX AT 46" AFF TO CENTER. MATCH LIGHT SWITCH HEIGHT

ACCESS CONTROL READER RACEWAY

CR	CARD READER – PROXIMITY DEVICE BESIDE A DOOR. PROVIDE BACKBOX AND CONDUIT. WHERE NOTED TO BE INSTALLED ON DOOR FRAME INSTALL CONDUIT TO DOOR FRAME

ACCESS CONTROL LOCK RACEWAY

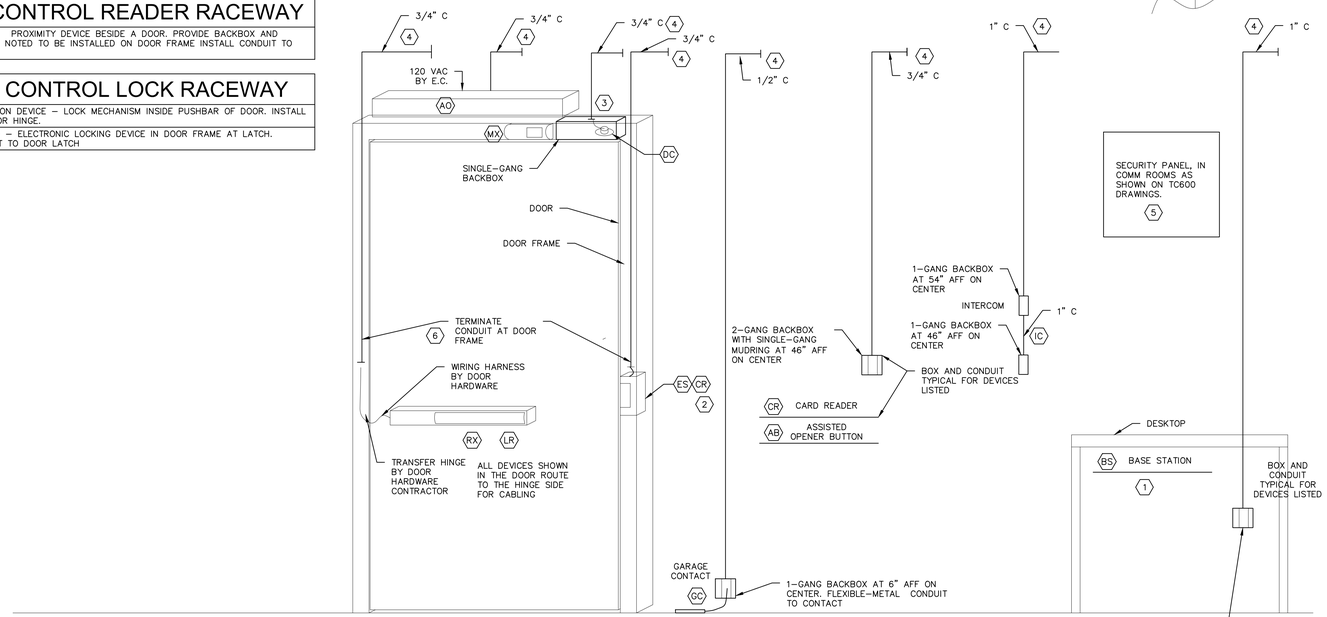
LR	LATCH RETRACTION DEVICE – LOCK MECHANISM INSIDE PUSHBAR OF DOOR. INSTALL CONDUIT TO DOOR HINGE.
ES	ELECTRIC STRIKE – ELECTRONIC LOCKING DEVICE IN DOOR FRAME AT LATCH. INSTALL CONDUIT TO DOOR LATCH

KEYED NOTES:

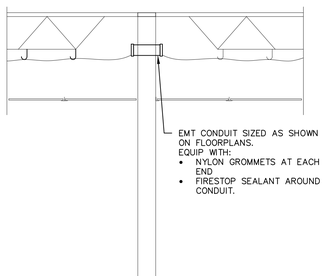
1. ONLY ONE CONDUIT AND BACKBOX IS REQUIRED WHERE THESE DEVICES ARE INSTALLED AT THE SAME DESK
2. WHEN THE "CR" IS SHOWN AS BEING ON A DOOR FRAME, DO NOT INSTALL A BACKBOX. INSTALL CONDUIT INTO THE DOOR FRAME
3. INSTALL BACKBOX FACING DOWN AT HEADER OF DOOR FOR DC AND RX. INSTALL CONDUIT TO CEILING AREA.
4. INSTALL A CONDUIT TO AN ACCESSIBLE CEILING AREA.
5. ACCESS CONTROL PANEL WILL BE INSTALLED IN THE COMM ROOM. PROVIDE POWER TO THE PANEL
6. COORDINATE LENGTH AND TERMINATION POINT OF CONDUIT WITH THE DOOR HARDWARE AND DOOR INSTALLER.

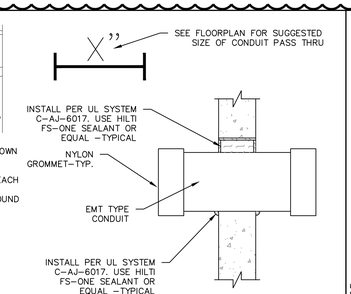
GENERAL NOTES:

1. INSTALL RACEWAYS AND BACKBOXES AT DOORS AND DESKS FOR CONNECTION OF SECURITY AND ALARM DEVICES.
2. CONDUIT INSTALLER SHALL WORK WITH DOOR INSTALLER, DOOR HARDWARE CONTRACTOR AND SECURITY CONTRACTOR WHEN INSTALLING CONDUITS.

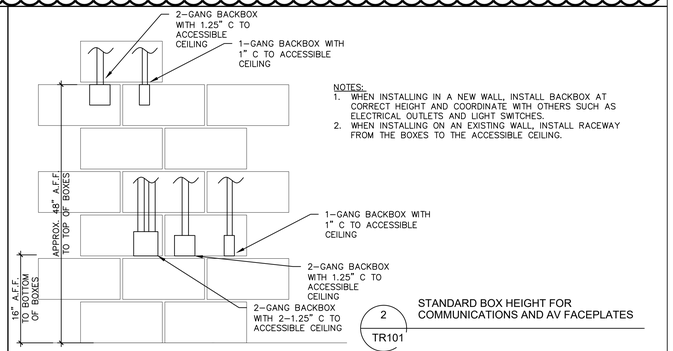


1 ACCESS CONTROL RACEWAY DETAIL — TR101

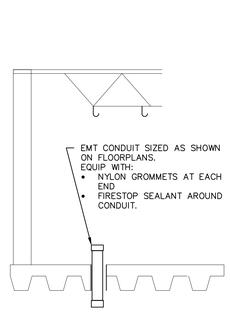


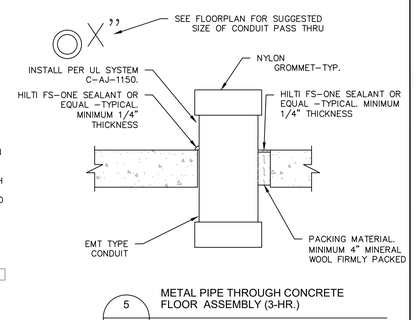


4 METAL PIPE THROUGH CONCRETE OR BLOCK WALL ASSEMBLY (2-HR.) — TR101

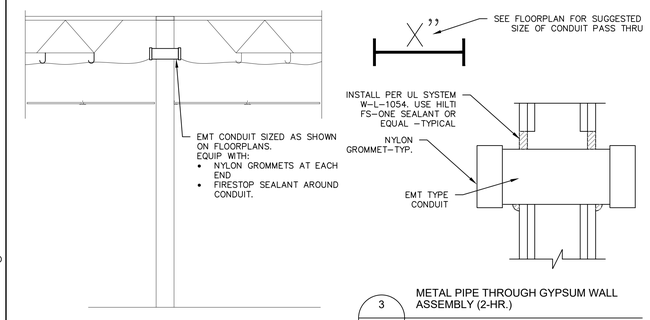


2 STANDARD BOX HEIGHT FOR COMMUNICATIONS AND AV FACEPLATES — TR101





5 METAL PIPE THROUGH CONCRETE FLOOR ASSEMBLY (3-HR.) — TR101



3 METAL PIPE THROUGH GYPSUM WALL ASSEMBLY (2-HR.) — TR101

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561 FX - 248.338.0223
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

NEW FIELD HOUSE

Dexter Community School District

DRAWING TITLE

Raceway Legends, Schedules & Details

ISSUE DATES

DATE:	ISSUED FOR:
03–18–2026	D.R. 2 – ADDENDUM #1
02–26–2026	D.R. 2 – CONSTRUCTION DOCUMENTS

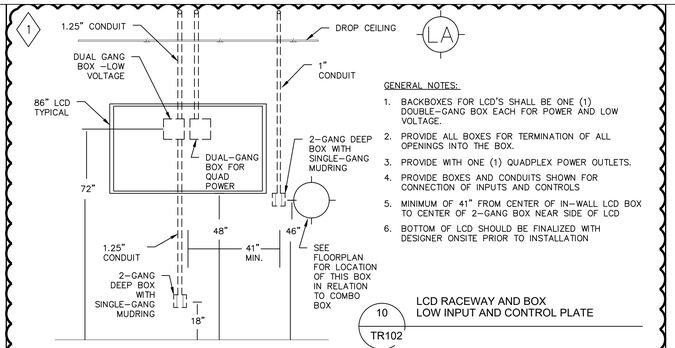
DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25026E

DRAWING NO.

TR101

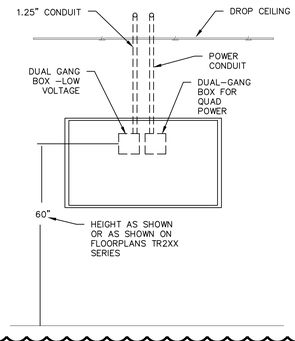


LA

GENERAL NOTES:

1. BACKBOXES FOR LCD'S SHALL BE ONE (1) DOUBLE–GANG BOX EACH FOR POWER AND LOW VOLTAGE.
2. PROVIDE ALL BOXES FOR TERMINATION OF ALL OPENINGS INTO THE BOX.
3. PROVIDE WITH ONE (1) QUADPLEX POWER OUTLETS.
4. PROVIDE BOXES AND CONDUITS SHOWN FOR CONNECTION OF INPUTS AND CONTROLS
5. MINIMUM OF 41" FROM CENTER OF IN–WALL LCD BOX TO CENTER OF 2–GANG BOX NEAR SIDE OF LCD
6. BOTTOM OF LCD SHOULD BE FINALIZED WITH DESIGNER ONSITE PRIOR TO INSTALLATION

10 TR102 — LCD RACEWAY AND BOX LOW INPUT AND CONTROL PLATE

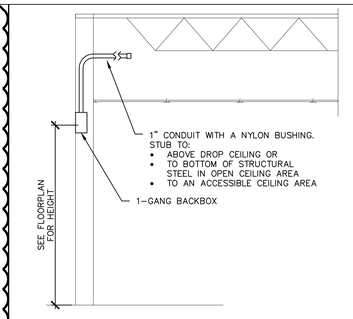


LB

GENERAL NOTES:

1. BACKBOXES FOR LCD'S SHALL BE ONE (1) DOUBLE–GANG BOX EACH FOR POWER AND LOW VOLTAGE.
2. PROVIDE ALL BOXES FOR TERMINATION OF ALL OPENINGS INTO THE BOX.
3. PROVIDE WITH ONE (1) QUADPLEX POWER OUTLET.
4. PROVIDE BOXES AND CONDUITS SHOWN FOR CONNECTION OF INPUTS AND CONTROLS
5. BOTTOM OF LCD SHOULD BE FINALIZED WITH DESIGNER ONSITE PRIOR TO INSTALLATION

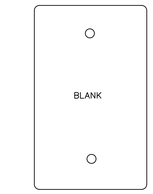
11 TR102 — LCD RACEWAY AND BOX -HUDDLE ROOM STAND ALONE



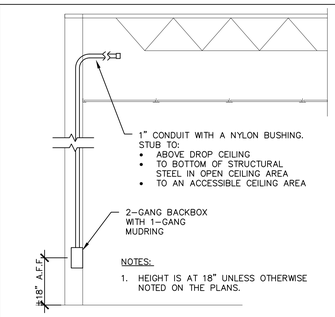
F

RACEWAY CODE

QTY	DESCRIPTION	PART #
1	SINGLE–GANG BLANK PLATE	STAINLESS STEEL



6 TR102 — CONNECTIVITY CODE



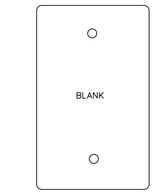
NOTES:

1. HEIGHT IS AT 18" UNLESS OTHERWISE NOTED ON THE PLANS.

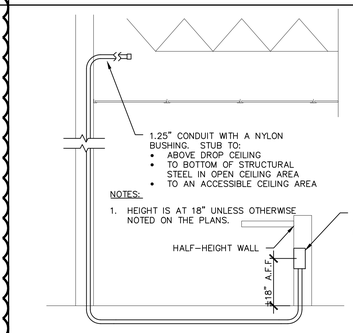
A

RACEWAY CODE

QTY	DESCRIPTION	PART #
1	SINGLE–GANG BLANK PLATE	STAINLESS STEEL



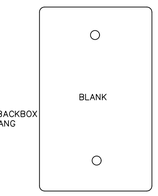
1 TR102 — RACEWAY CODE



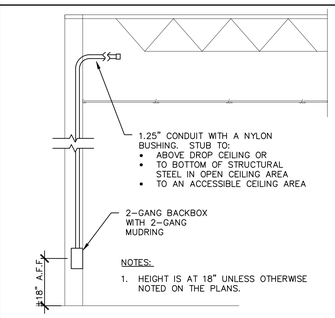
G

RACEWAY CODE

QTY	DESCRIPTION	PART #
1	SINGLE–GANG BLANK PLATE	STAINLESS STEEL



7 TR102 — RACEWAY CODE



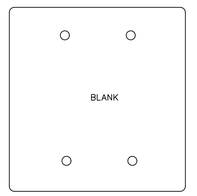
NOTES:

1. HEIGHT IS AT 18" UNLESS OTHERWISE NOTED ON THE PLANS.

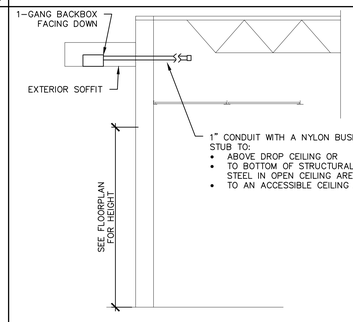
B

RACEWAY CODE

QTY	DESCRIPTION	PART #
1	DOUBLE–GANG BLANK PLATE	STAINLESS STEEL



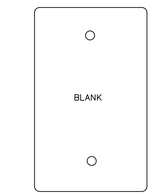
2 TR102 — RACEWAY CODE



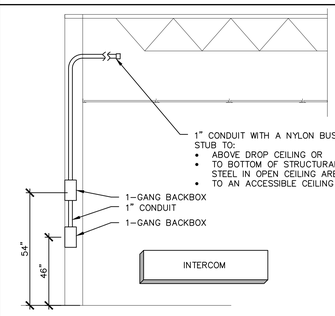
H

RACEWAY CODE

QTY	DESCRIPTION	PART #
1	SINGLE–GANG BLANK PLATE	STAINLESS STEEL



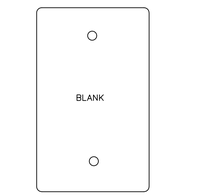
8 TR102 — CONNECTIVITY CODE



C

RACEWAY CODE

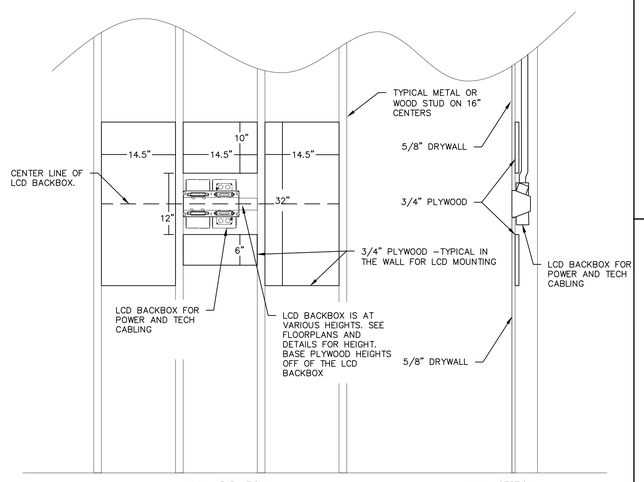
QTY	DESCRIPTION	PART #
2	SINGLE–GANG BLANK PLATES	STAINLESS STEEL



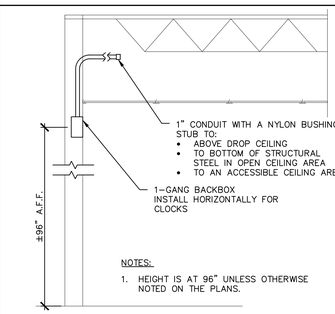
3 TR102 — RACEWAY CODE

GENERAL NOTES:

1. INSTALL 5/8" OR 3/4" PLYWOOD IN THE WALL FOR SUPPORT OF THE LCD DISPLAYS.
2. BACKBOXES FOR LCD'S ARE AT DIFFERENT HEIGHTS. SEE DETAILS AND FLOORPLANS FOR HEIGHTS.
3. INSTALL PLYWOOD AS SHOWN BETWEEN WALL STUDS. MOUNT TO THE STUDS ON EACH SIDE.
4. COORDINATE CONDUIT INSTALLATION AND DRYWALL TO PROVIDE A SMOOTH AND SUPPORTIVE INSTALLATION.
5. COORDINATE BACKBOXES AND POSSIBLE BOXES FOR INPUT AND CONTROL PLATES. INSTALL PLWOOD TO ALLOW IN–WALL BACKBOXES TO BE INSTALLED.



9 TR102 — LCD MOUNTING -TYPICAL IN-WALL BACKBOARD SUPPORT



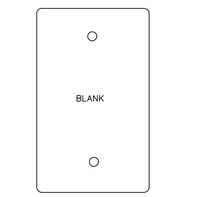
NOTES:

1. HEIGHT IS AT 96" UNLESS OTHERWISE NOTED ON THE PLANS.

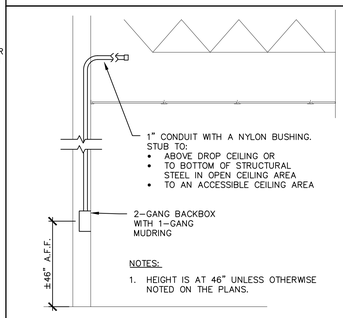
D

RACEWAY CODE

QTY	DESCRIPTION	PART #
1	SINGLE–GANG BLANK PLATE	STAINLESS STEEL



4 TR102 — RACEWAY CODE -CLOCK



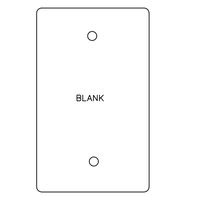
NOTES:

1. HEIGHT IS AT 46" UNLESS OTHERWISE NOTED ON THE PLANS.

E

RACEWAY CODE

QTY	DESCRIPTION	PART #
1	SINGLE–GANG BLANK PLATE	STAINLESS STEEL



5 TR102 — RACEWAY CODE

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

NEW FIELD HOUSE

Dexter Community School District

DRAWING TITLE

New Door Access Control

ISSUE DATES

DATE:	ISSUED FOR:
03–18–2026	D.R. 2 – ADDENDUM #1
02–26–2026	D.R. 2 – CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

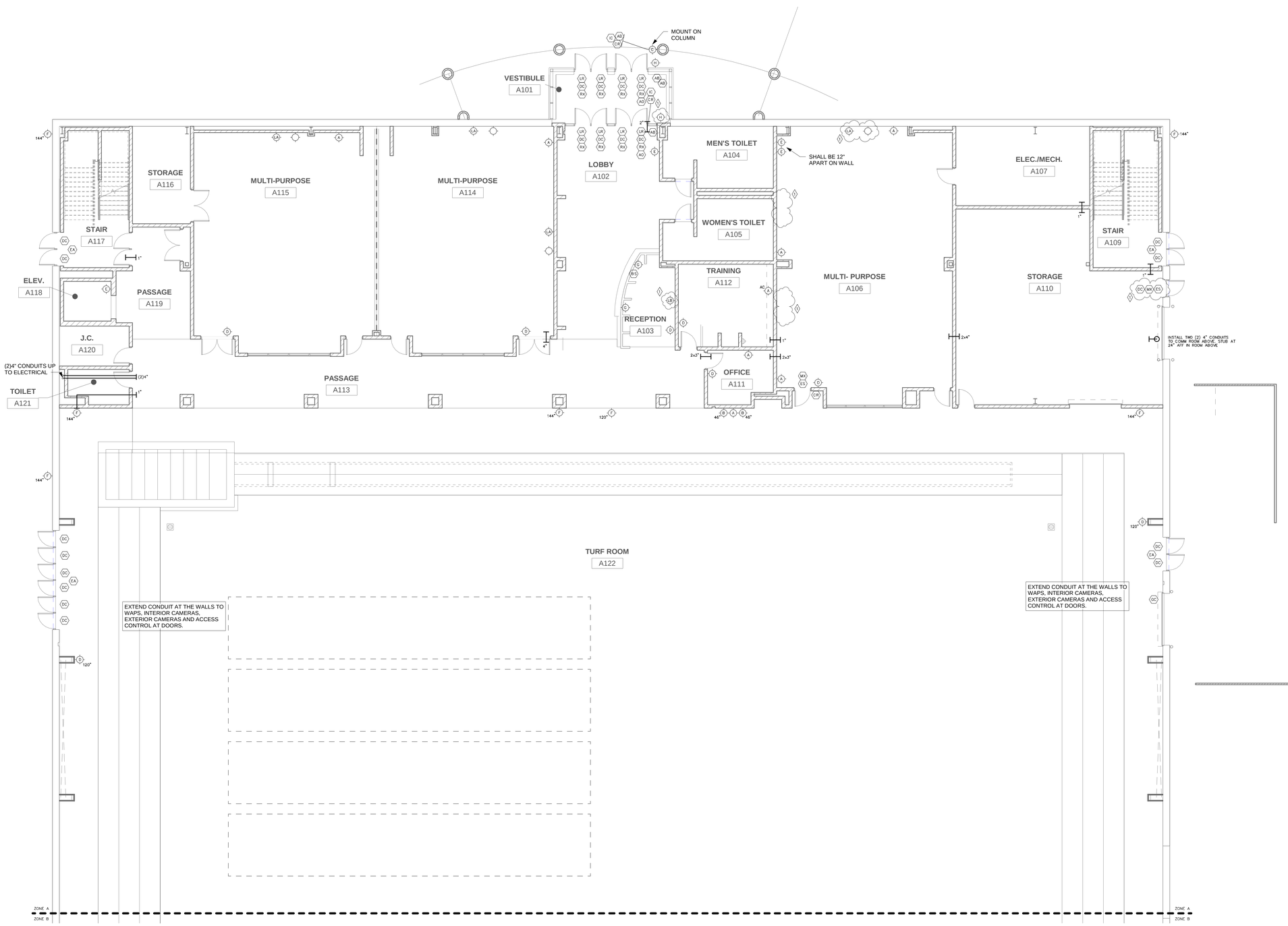
25026E

DRAWING NO.

TR102

GENERAL RACEWAY NOTES

1. SEE THE SERIES FLOOR PLANS AND DETAILS FOR ALL TECHNOLOGY RACEWAYS.
2. FLOORBOXES ARE SHOWN ON THE ELECTRICAL DRAWINGS. SEE ELECTRICAL DETAILS FOR FLOORBOX TECHNOLOGY RACEWAYS.
3. FINAL COORDINATE HEIGHT OF ALL LCD BACKBOXES WITH THE TECHNOLOGY CONTRACTOR PRIOR TO INSTALL. CONDUCT A SITE WALK THRU AND MARKUP DRAWINGS. PROVIDE TO DESIGNER FOR REVIEW PRIOR TO INSTALLATION OF RACEWAYS.
4. SEE SHEETS TR1XX FOR RACEWAY AND FIRSTOP REQUIREMENTS.
5. SEE ELECTRICAL SPECIFICATIONS FOR RACEWAY TYPE REQUIREMENTS AND INSTALLATION STANDARDS



1 RACEWAY FIRST FLOOR-ZONE A
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
259 E. MICHIGAN AVENUE - SUITE 308
KALAMAZOO - MICHIGAN - 49007
PH - 269.327.0077 FX - 269.327.9090
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

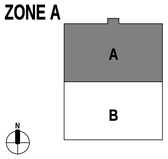
PROJECT TITLE

NEW FIELD HOUSE

DEXTER COMMUNITY SCHOOLS
DEXTER, MI

DRAWING TITLE

FIRST FLOOR RACEWAY - ZONE A



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-18-2026	D.R. 2 - ADDENDUM #1
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS
02-12-26	OWNER REVIEW
01-23-26	90% CD DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25026E

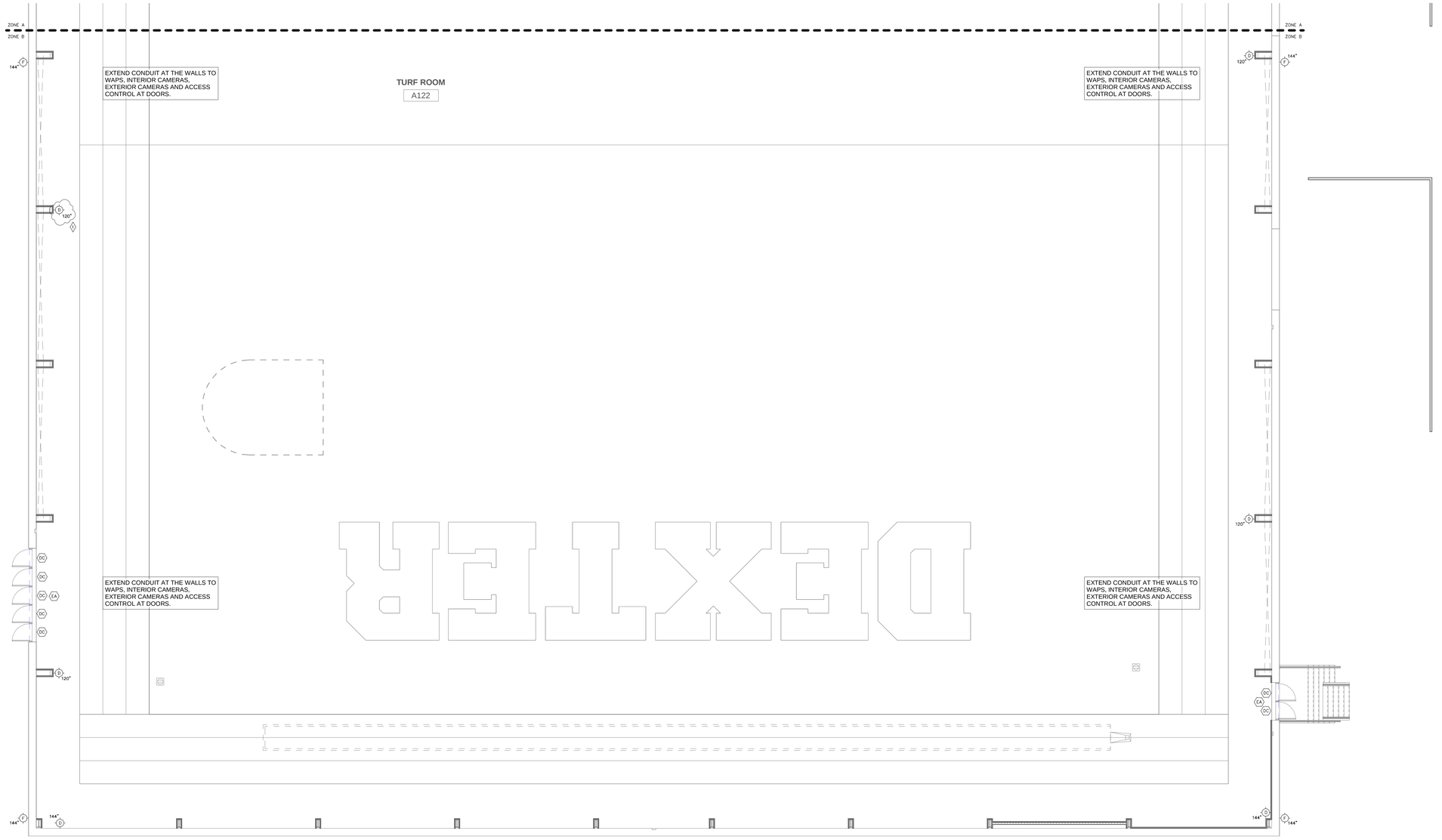
DRAWING NO.

TR201A

Autodesk Docs://25026E_Dexter - New Field House/25026E-Tech-R2025.rvt
3/17/2026 11:04:29 AM

GENERAL RACEWAY NOTES

1. SEE THE SERIES FLOOR PLANS AND DETAILS FOR ALL TECHNOLOGY RACEWAYS.
2. FLOORBOXES ARE SHOWN ON THE ELECTRICAL DRAWINGS. SEE ELECTRICAL DETAILS FOR FLOORBOX TECHNOLOGY RACEWAYS.
3. FINAL COORDINATE HEIGHT OF ALL LCD BACKBOXES WITH THE TECHNOLOGY CONTRACTOR PRIOR TO INSTALL. CONDUCT A SITE WALK THRU AND MARKUP DRAWINGS. PROVIDE TO DESIGNER FOR REVIEW PRIOR TO INSTALLATION OF RACEWAYS.
4. SEE SHEETS TR1XX FOR RACEWAY AND FIRSTOP REQUIREMENTS.
5. SEE ELECTRICAL SPECIFICATIONS FOR RACEWAY TYPE REQUIREMENTS AND INSTALLATION STANDARDS



1 RACEWAY FIRST FLOOR-ZONE B
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

259 E. MICHIGAN AVENUE - SUITE 308
KALAMAZOO - MICHIGAN - 49007
PH - 269.327.0077 FX - 269.327.8090
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

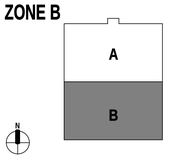
PROJECT TITLE

NEW FIELD HOUSE

DEXTER COMMUNITY SCHOOLS
DEXTER, MI

DRAWING TITLE

FIRST FLOOR RACEWAY - ZONE B



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-18-2026	D.R. 2 - ADDENDUM #1
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS
02-12-26	OWNER REVIEW
01-23-26	90% CD DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25026E

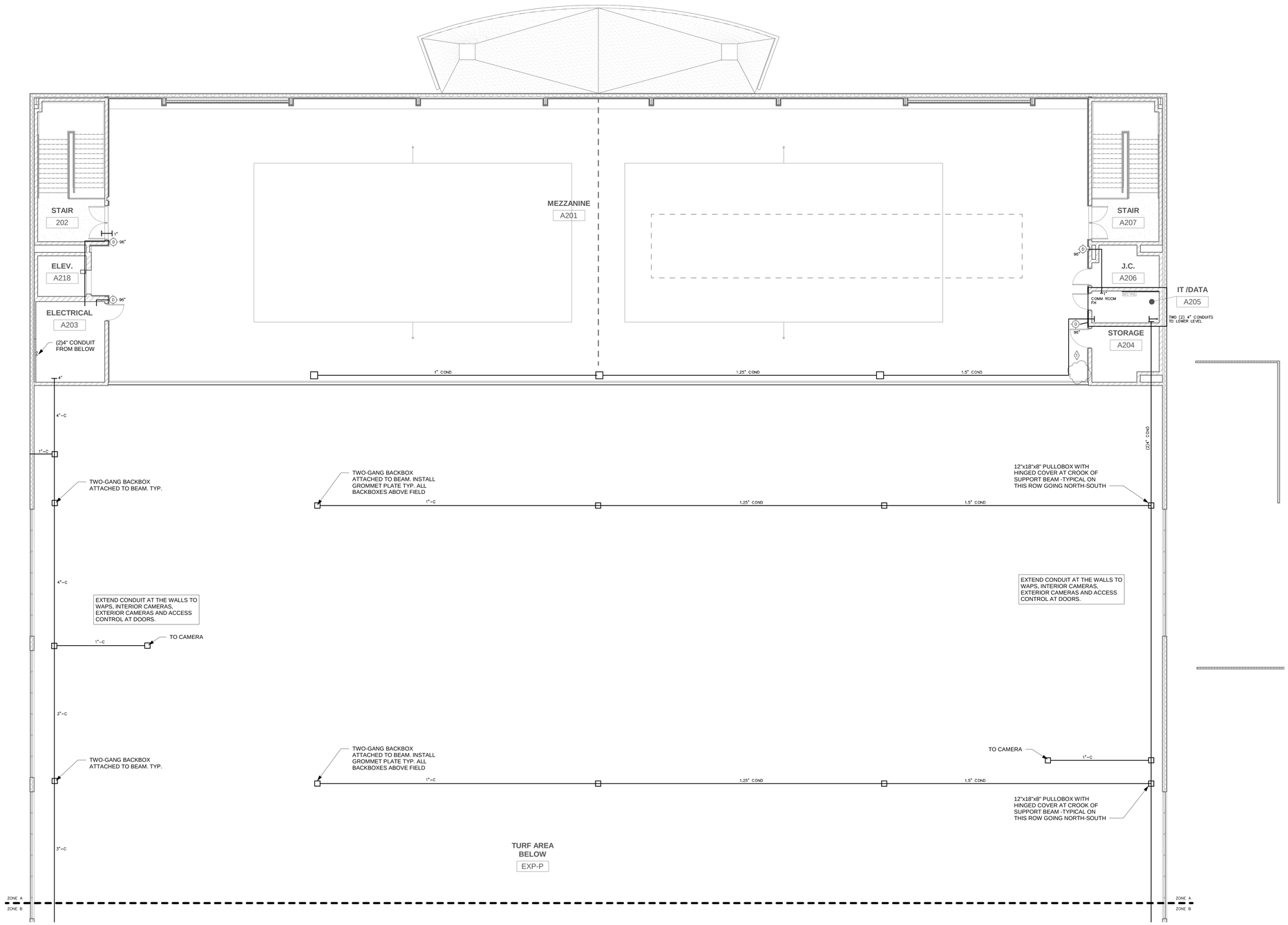
DRAWING NO.

TR201B

Autodesk Docs://25026E_Dexter - New Field House/25026E-Tech-R2025.rvt
3/17/2026 11:04:30 AM

GENERAL RACEWAY NOTES

1. SEE THE SERIES FLOOR PLANS AND DETAILS FOR ALL TECHNOLOGY RACEWAYS.
2. FLOORBOXES ARE SHOWN ON THE ELECTRICAL DRAWINGS. SEE ELECTRICAL DETAILS FOR FLOORBOX TECHNOLOGY RACEWAYS.
3. FINAL COORDINATE HEIGHT OF ALL LCD BACKBOXES WITH THE TECHNOLOGY CONTRACTOR PRIOR TO INSTALL. CONDUCT A SITE WALK THRU AND MARKUP DRAWINGS. PROVIDE TO DESIGNER FOR REVIEW PRIOR TO INSTALLATION OF RACEWAYS.
4. SEE SHEETS TR1XX FOR RACEWAY AND FIRSTOP REQUIREMENTS.
5. SEE ELECTRICAL SPECIFICATIONS FOR RACEWAY TYPE REQUIREMENTS AND INSTALLATION STANDARDS



1 RACEWAY SECOND FLOOR-ZONE A
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

259 E. MICHIGAN AVENUE - SUITE 308
KALAMAZOO - MICHIGAN - 49007
PH - 269.327.0077 FX - 269.327.9090
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

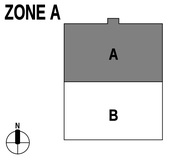
PROJECT TITLE

NEW FIELD HOUSE

DEXTER COMMUNITY SCHOOLS
DEXTER, MI

DRAWING TITLE

SECOND FLOOR RACEWAY - ZONE A



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-18-2026	D.R. 2 - ADDENDUM #1
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS
02-12-26	OWNER REVIEW
01-23-26	90% CD DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25026E

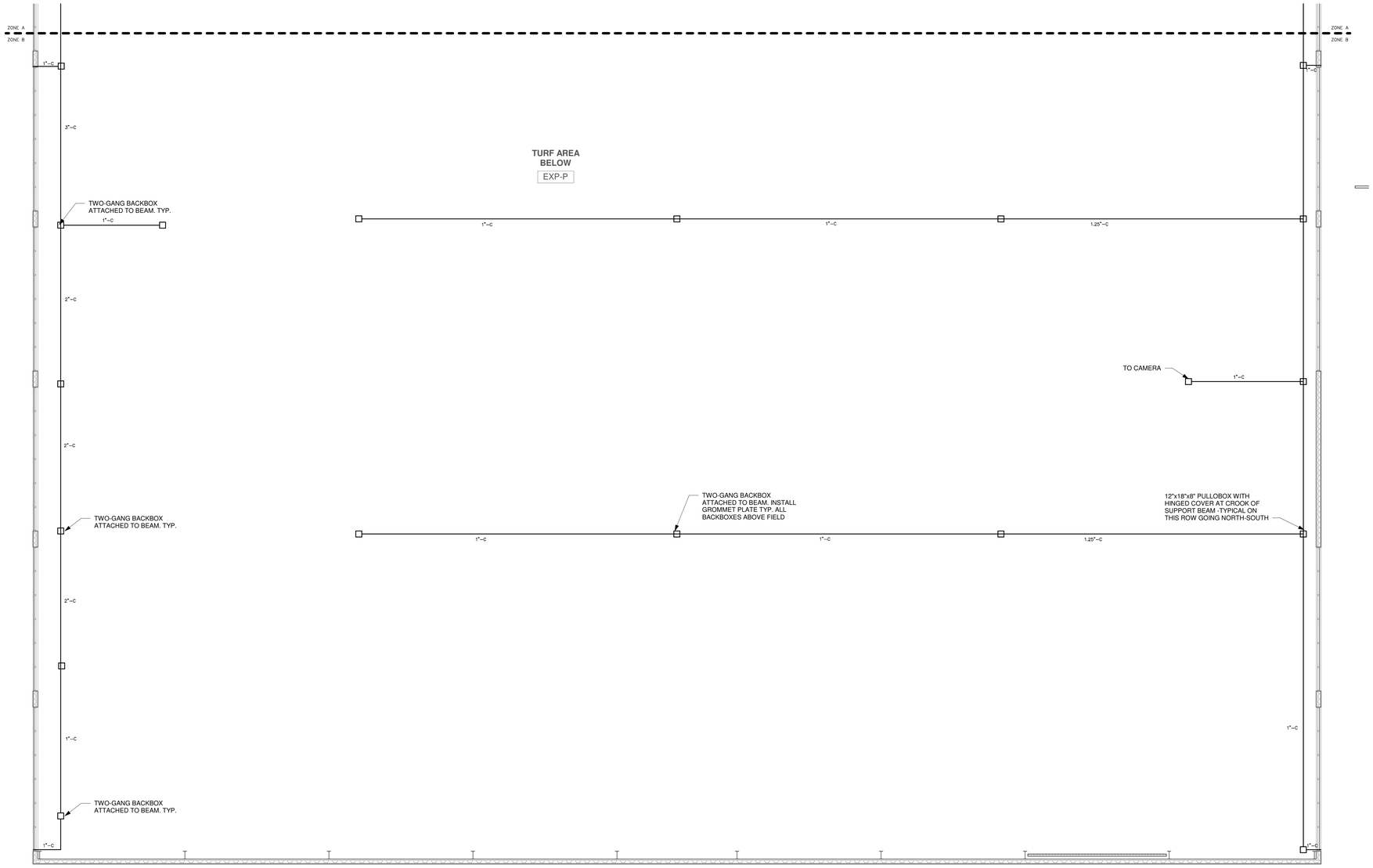
DRAWING NO.

TR202A

Autodesk Docs://25026E_Dexter - New Field House/25026E-Tech-R2025.rvt
3/17/2026 11:04:31 AM

GENERAL RACEWAY NOTES

1. SEE THE SERIES FLOOR PLANS AND DETAILS FOR ALL TECHNOLOGY RACEWAYS.
2. FLOORBOXES ARE SHOWN ON THE ELECTRICAL DRAWINGS. SEE ELECTRICAL DETAILS FOR FLOORBOX TECHNOLOGY RACEWAYS.
3. FINAL COORDINATE HEIGHT OF ALL LCD BACKBOXES WITH THE TECHNOLOGY CONTRACTOR PRIOR TO INSTALL. CONDUCT A SITE WALK THRU AND MARKUP DRAWINGS. PROVIDE TO DESIGNER FOR REVIEW PRIOR TO INSTALLATION OF RACEWAYS.
4. SEE SHEETS TR1XX FOR RACEWAY AND FIRSTOP REQUIREMENTS.
5. SEE ELECTRICAL SPECIFICATIONS FOR RACEWAY TYPE REQUIREMENTS AND INSTALLATION STANDARDS



1 RACEWAY SECOND FLOOR-ZONE B
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

259 E. MICHIGAN AVENUE · SUITE 308
KALAMAZOO · MICHIGAN · 49007
PH · 269.327.0077 FX · 269.327.8090
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

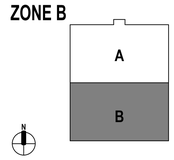
PROJECT TITLE

NEW FIELD HOUSE

DEXTER COMMUNITY SCHOOLS
DEXTER, MI

DRAWING TITLE

SECOND FLOOR RACEWAY - ZONE B



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-26-2026	D.R. 2 - CONSTRUCTION DOCUMENTS
02-12-26	OWNER REVIEW
01-23-26	90% CD DOCUMENTS

DRAWN	BVH
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25026E

DRAWING NO.

TR202B

Autodesk Docs://25026E_Dexter - New Field House/25026E-Tech-R2025.rvt
2/25/2026 9:39:10 AM