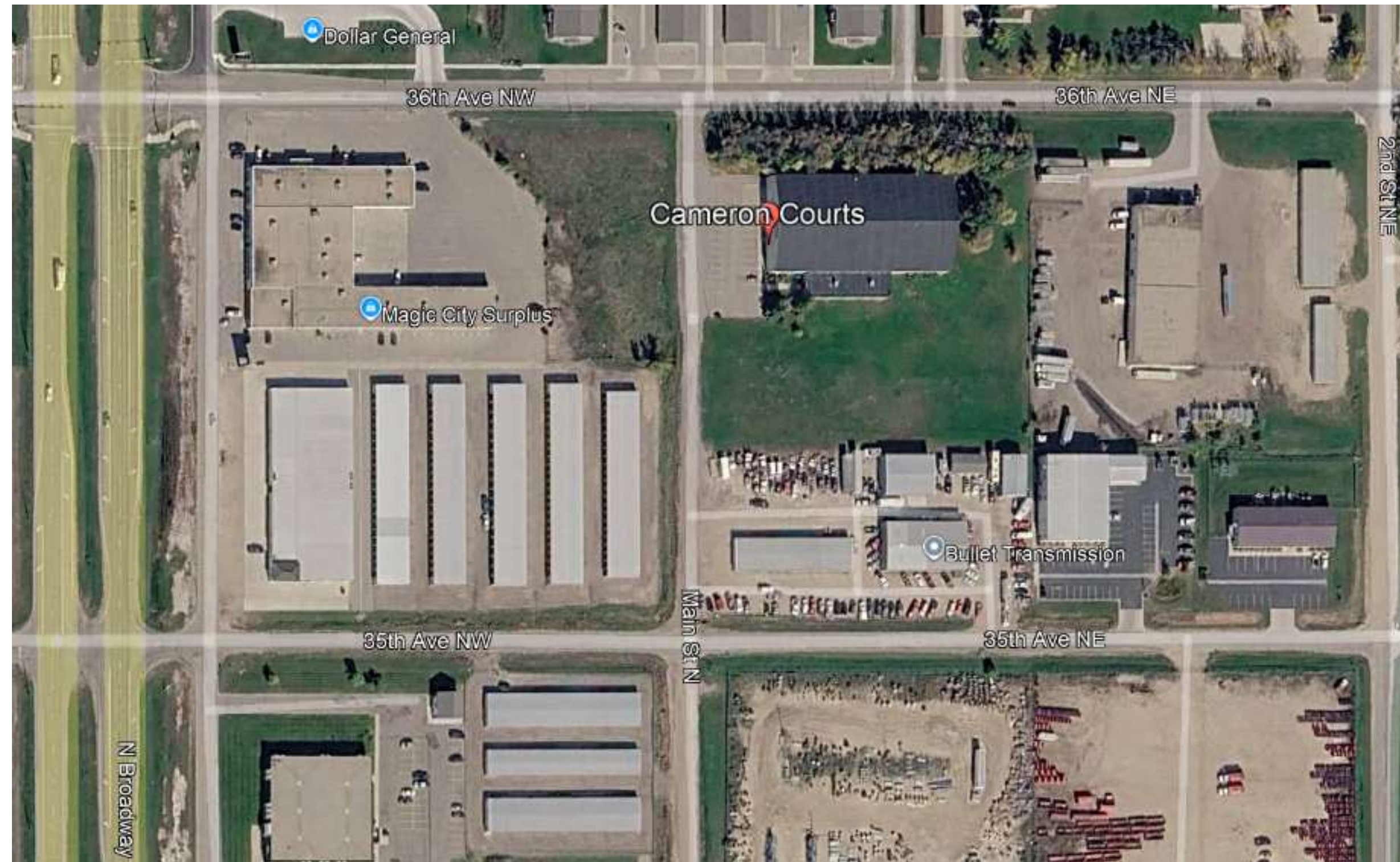


CAMERON INDOOR TENNIS INTERIOR UPDATES

Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



PREPARED FOR:

MINOT PARK DISTRICT

LOCATION:

3521 MAIN ST N, MINOT, ND

DATE:

MAY 2026

AE2S PROJECT NO:

11550-2026-001

ALT PROJECT NO:

Alt Project Number

ENGINEERING TEAM:

PRIME CONSULTANT

Advanced Engineering and Environmental Services, LLC

ARCHITECT

JLG Architects

ELECTRICAL ENGINEER

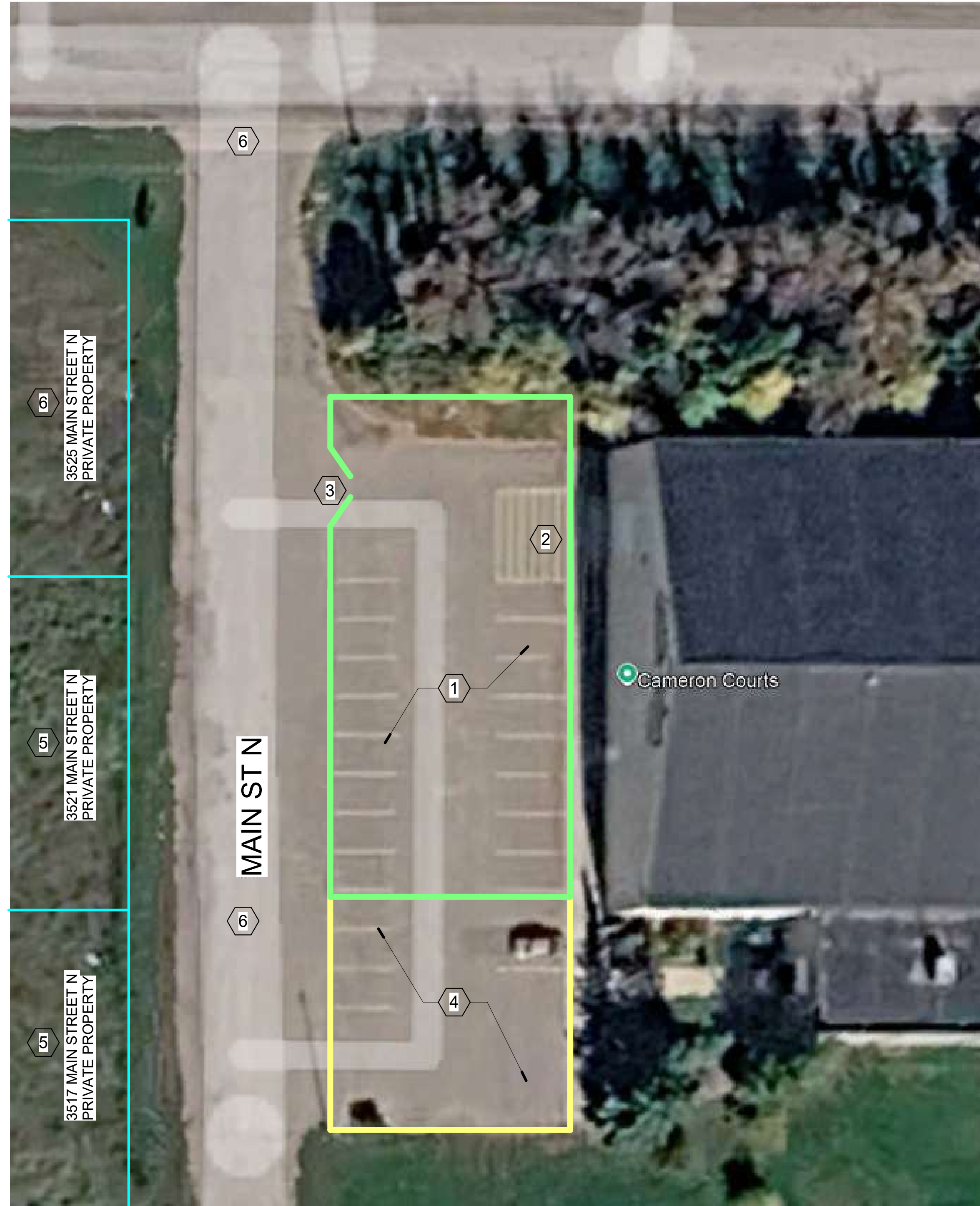
CMTA, INC

MECHANICAL ENGINEER

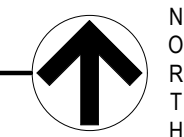
Advanced Engineering and Environmental Services, LLC

SHEET INDEX:

- G001 - STAGING AND SITE ACCESS
- G111 - LIFE SAFETY PLAN
- A201 - FIRST FLOOR PLAN
- A510 - DETAILS
- A611 - INTERIOR ELEVATIONS
- A701 - FIRST FLOOR RCP
- E000 - ELECTRICAL TITLE SHEET
- E101 - FIRST LEVEL - ELECTRICAL DEMOLITION
- E201 - FIRST LEVEL - ELECTRICAL
- E300 - ELECTRICAL DETAILS



1
G001 **SITE ACCESS PLAN**
NO SCALE



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GENERAL NOTES

1. CONTRACTOR RESPONSIBLE TO PROTECT OR RESTORE EXISTING SURFACES AND STRUCTURES.
2. CONTRACTOR SHALL PROVIDE LOCKABLE AND SECURE FENCING, TRAILERS, OR OTHER MEANS OF PROTECTING THEIR EQUIPMENT AND MATERIALS. REFER TO SPECIFICATION 01 5000 - TEMPORARY FACILITIES AND CONTROLS FOR MORE INFORMATION

CONSTRUCTION NOTES

1. DAILY STAGING AND STORAGE AREA - DO NOT ENCROACH FURTHER WEST THAN WEST EDGE OF WEST PARKING STALLS
2. OVERHEAD DOOR LOADING AREA - MAINTAIN ACCESS AT LEAST 8'-0" WIDE INTO THE DOOR OPENING FOR OWNER ACCESS. DOOR IS 14'x14' AND HAS A POWERED DOOR OPENER
3. MINIMUM 8' WIDE VEHICLE ACCESS GATE. PROVIDE OWNER WITH A KEY OR ACCESS CODE
4. DO NOT STAGE OR STORE IN THIS AREA - PARKING TO REMAIN OPEN FOR OWNER'S MANAGEMENT AND MAINTENANCE USE
5. CONTRACTOR MAY CONTACT THE PRIVATE OWNER TO MAKE ARRANGEMENT FOR CONTRACTOR USE BUT OTHERWISE ACCESS AND USE IS PROHIBITED (TTJ, LLC, 2705 NORTH BROADWAY, MINOT ND 58701
6. PUBLIC STREET - DO NOT ENCROACH OR USE THIS AREA FOR ANY PURPOSE

STATUS: CONSTRUCTION
REVISIONS
SYM DATE DESCRIPTION

CAMERON INDOOR TENNIS INTERIOR UPDATES
Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: **STAGING AND SITE ACCESS**

CLIENT: **MINOT PARK DISTRICT**
3521 MAIN ST N, MINOT, ND

PREPARED BY: DH
CHECKED BY: DH
APPROVED BY: JRK

PROJECT NO: 11550-2026-001 SHEET DESIGNATOR: SHEET NO:
DATE: MAY 2026
ALT PROJECT NO:

G001

NUMBER	NAME	AREA	OCCUPANCY CLASSIFICATION (IBC CHAPTER 3)	FUNCTION OF SPACE	IBC CHAPTER 10		OCCUPANT LOAD		REMARKS
					SF PER OCC. LOAD FACTOR (OLF)	SF PER OCC. MEASUREMENT	ACTUAL	MAX. OCC. LOAD	
LEVEL 01									
1	TENNIS COURT	2,830 SF	A-3	EXERCISE ROOM	50	GROSS	20	20	
2	TENNIS COURT	2,830 SF	A-3	EXERCISE ROOM	50	GROSS	20	20	
3	TENNIS COURT	2,830 SF	A-3	EXERCISE ROOM	50	GROSS	20	20	
4	TENNIS COURT	2,830 SF	A-3	EXERCISE ROOM	50	GROSS	20	20	
5	MECH/ELEC	132 SF	A-3	ACCESSORY STORAGE, MECH EQUIPMENT ROOM	300	GROSS	0	1	
6	LOBBY	2,986 SF	A-3	BUSINESS AREA	150	GROSS	0	20	
							80	101	

PATH ID	TRAVEL DISTANCE		OCCUPANTS	OCC.
	TOTAL	MAX. DIST.		
01	188'-10"	250'-0"	16	A-3
02	192'-1"	250'-0"	16	A-3
03	98'-2"	250'-0"	16	A-3
04	66'-10"	250'-0"	16	A-3
05	36'-2"	250'-0"	1	A-3
06	167'-10"	250'-0"	66	A-3

CODE SUMMARY:

ESTIMATED TOTAL SF: 30,000 SF

OCCUPANCY: 303.4: A-3 (Indoor tennis courts without spectator seating)

TABLE 601: Type II-B (0 HR rating)

SPRINKLER: Not provided

APPLICABLE CODES:

- Building Code: 2021 IBC w/ local amendments
- Fire Code: 2021 IFC w/ local amendments
- Mechanical Code: 2021 IMC w/ local amendments
- Energy Code: 2021 IECC w/ local amendments
- Plumbing Code: 2021 UPC
- Electrical Code: 2023 NEC
- Accessibility Code: ICC/ANSI A117.1-2017

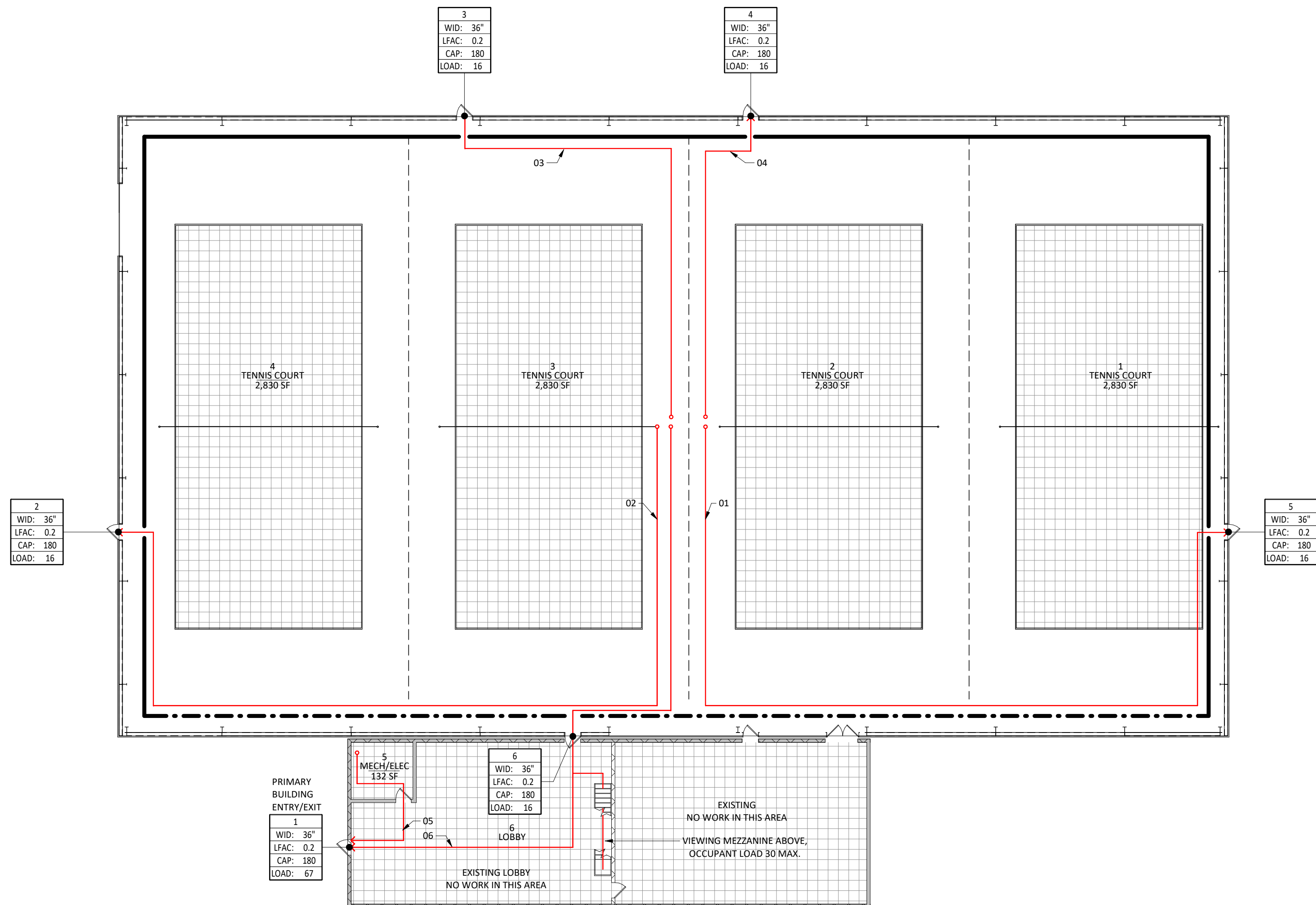
ARCHITECTURAL SCOPE OF WORK NARRATIVE:

BASE SCOPE:

- DEMOLITION:** Removal and disposal of the existing perimeter tennis backdrop and all existing column pads.
- INTERIOR LINER SYSTEM:** A new high-reflectivity liner system will be install across both the wall and ceiling surfaces. Specific portions of the existing PEMB structural frame will be framed out and clad in the same reflective liner panel. This application extends to the existing West mechanical fan, which will be wrapped to integrate seamlessly into the wall assembly.
- COURT ACCESSORIES:** New protective column pads and coordinated wall base will be installed at all existing PEMB structural locations. A new tennis backdrop will be installed around the entire perimeter of the playing area. This backdrop will feature integrated court marker numbers for clear court identification.
- SAFETY AND EGRESS:** New exit signage will be installed at designated locations to clearly identify emergency egress paths.

PROJECT ADD ALTERNATES:

- ALTERNATE BID 1:** Replace Divider Curtains Between Tennis Courts: Replace (3) interior divider curtains between the existing tennis courts with new supporting devices, as specified in specification 11 6623.
- ALTERNATE BID 2:** Add Interior Insulation: Add interior insulation between the reflective liner panel and existing structure, as specified in specification 07 2100.



1A
G111 LIFE SAFETY PLAN - FIRST FLOOR
SCALE: 1/16" = 1'-0"

LIFE SAFETY LEGEND

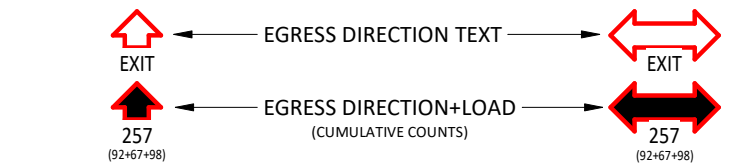
OCC. LOAD TAG

- 101 ← NUMBER
- Name ← NAME
- 150 SF / 100 OCC. ← AREA / OCCUPANT LOAD

EGRESS DATA TAG

- NUMBER ← ELEMENT ID NUMBER
- WID: 34" ← EGRESS WIDTH
- LFAC: .2 ← EGRESS FACTOR
- CAP: 170 ← EGRESS CAPACITY
- LOAD: ### ← EGRESS LOAD

(UNI-DIRECTION) EGRESS DIRECTION SYMBOL (BI-DIRECTION)

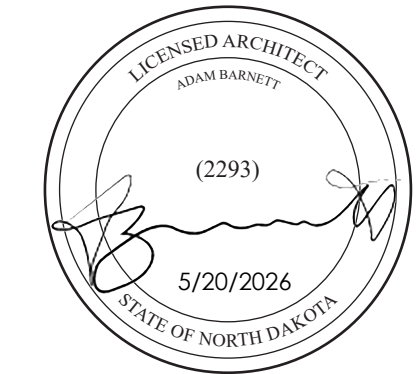


EGRESS SYMBOL

- PE (ADA) ← PUBLIC ENTRANCE DOOR ID / NOTE (ADA) = ACCESSIBLE ENTRANCE
- #12 (EO) ← NON-PUBLIC ENTRANCE DOOR ID (EO) = EXIT ONLY
- HE (48) ← HORIZONTAL EXIT (##) = REQ. OPENING WIDTH IN INCHES



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: CONSTRUCTION

REVISIONS

SYM

DATE

DESCRIPTION

APPR

CAMERON INDOOR TENNIS INTERIOR UPDATES
Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: **LIFE SAFETY PLAN**

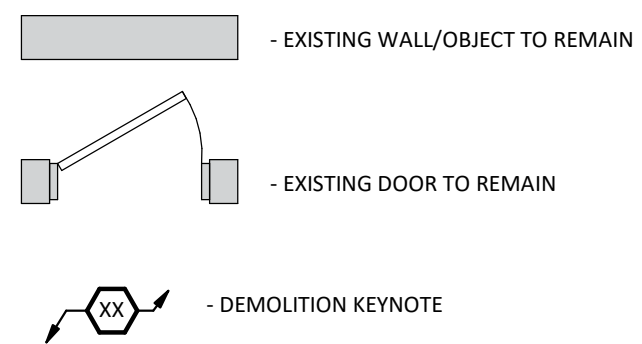
CLIENT: **MINOT PARK DISTRICT**
3521 MAIN ST N, MINOT, ND

PREPARED BY: Author
CHECKED BY: Checker
APPROVED BY: Approver

PROJECT NO: 11550-2026-001 SHEET DESIGNATOR: SHEET NO:
DATE: MAY 2026
ALT PROJECT NO:

G111

DEMOLITION LEGEND

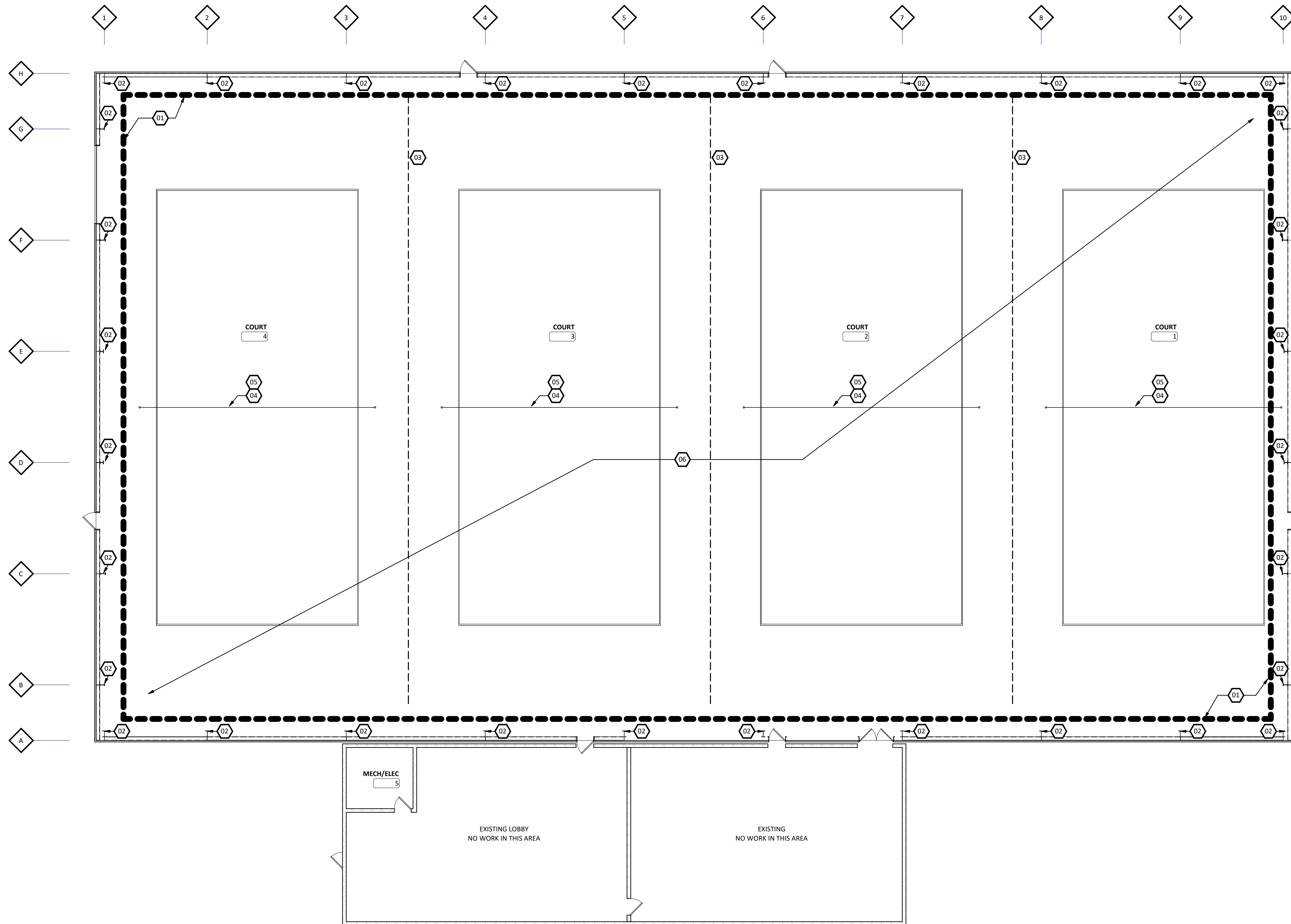


KEYNOTES - DEMOLITION

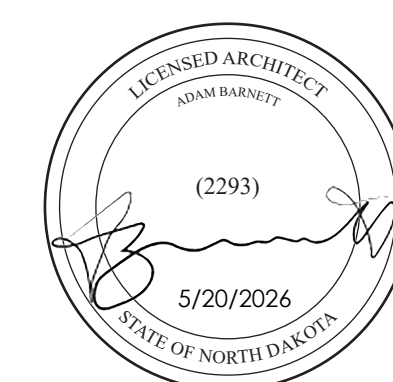
NO	NOTE	REV.
01	REMOVE AND DISPOSE OF EXISTING TENNIS BACKDROP. PREPARE FOR NEW TENNIS BACKDROP.	
02	REMOVE AND DISPOSE OF EXISTING PEMB COLUMN PAD WRAP. PREPARE FOR NEW COLUMN WRAP.	
03	UNDER PROJECT ALTERNATE ONLY: REMOVE AND DISPOSE OF EXISTING TENNIS DIVIDER CURTAINS. PREPARE FOR NEW TENNIS DIVIDER CURTAINS.	
04	TENNIS NETS WILL BE REMOVED AND SAVED BY OWNER.	
05	TENNIS NET POSTS WILL REMAIN IN PLACE AND MUST BE PROTECTED.	
06	INSTALL FLOOR PROTECTION COVERING THROUGHOUT THE ENTIRE DURATION OF THE PROJECT.	

GENERAL NOTES - DEMOLITION

- A. PROTECT FROM DAMAGE EXISTING FINISH WORK THAT IS TO REMAIN IN PLACE AND BECOME EXPOSED DURING DEMOLITION OPERATIONS.
- B. PROTECT FLOORS WITH SUITABLE COVERING WHEN NECESSARY.
- C. REPAIR DEMOLITION PERFORMED IN EXCESS OF THAT REQ'D. RETURN ELEMENTS OF CONSTRUCTION AND SURFACES TO REMAIN TO THE CONDITION EXISTING PRIOR TO START OF OPERATIONS. REPAIR ADJACENT CONSTRUCTION OR SURFACES SOILED OR DAMAGED BY SELECTIVE DEMOLITION.
- D. REMOVAL OF ITEMS NOTED INCLUDES REMOVAL OF ANCHORS, ADHESIVES, HARDWARE, CONDUIT, WIRE, PIPING, ETC. FOR A COMPLETE REMOVAL OF THE ITEMS OR SYSTEMS.
- E. DEMOLITION OF ANY EXISTING CONSTRUCTION SHALL INCLUDE WHAT IS NECESSARY AND REQ'D TO ACCOMMODATE THE REQUIREMENTS OF NEW CONSTRUCTION. REFER TO THE APPROPRIATE DRAWINGS AS TO THE EXTENT OF NEW CONSTRUCTION TO REMAIN.
- F. SURFACES SHALL BE CLEANED AND PREPPED WITHIN THE NEW MATERIALS GUIDELINES OF INSTALLATION OF THEIR PRODUCT IN EXISTING CONSTRUCTION.
- G. ALL DEMOLITION SHALL COMPLY WITH APPLICABLE LOCAL CODES AND STATE CODES AND ORDINANCES.
- H. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS
- I. CONTRACTOR TO REMOVE AND DISPOSE OF THE EXISTING PERIMETER TENNIS BACKDROP AND ALL EXISTING COLUMN PADS. ENSURE SUBSTRATE IS CLEAN AND PREPARED FOR THE INSTALLATION OF NEW FINISHES.



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: CONSTRUCTION

REVISIONS
SYM DATE DESCRIPTION

CAMERON INDOOR TENNIS INTERIOR UPDATES

Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: **FIRST FLOOR DEMOLITION PLAN**

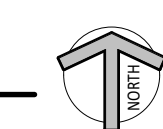
CLIENT: **MINOT PARK DISTRICT**
3521 MAIN ST N, MINOT, ND

PREPARED BY: Author
CHECKED BY: Checker
APPROVED BY: Approver

PROJECT NO: 11550-2026-001 SHEET DESIGNATOR: SHEET NO: **A101**

DATE: MAY 2026
ALT PROJECT NO:

1A
A101 DEMO FLOOR PLAN - LEVEL 1
SCALE: 3/32" = 1'-0"



GENERAL NOTES - FLOOR PLAN

- A. CONTRACTOR TO REMOVE AND DISPOSE OF THE EXISTING PERIMETER TENNIS BACKDROP AND ALL EXISTING COLUMN PADS. ENSURE SUBSTRATE IS CLEAN AND PREPARED FOR THE INSTALLATION OF NEW FINISHES.
- B. INSTALL NEW REFLECTIVE WALL AND CEILING LINER PANEL THROUGHOUT THE ENTIRE SPACE AS INDICATED. LINER PANEL WILL TERMINATE AROUND DOORS.
- C. INSTALL NEW TENNIS BACKDROP AROUND THE ENTIRE PERIMETER OF THE COURT AREA. REFER TO INTERIOR ELEVATIONS AND SPECIFICATIONS FOR TYPE AND LOCATIONS.
- D. COORDINATE PERMANENT APPLICATION OF COURT MARKER NUMBERS ONTO THE NEW BACKDROP AS INDICATED ON INTERIOR ELEVATIONS.
- E. COORDINATE PERMANENT APPLICATION OF EXIT SIGNAGE MARKERS ONTO THE NEW BACKDROP AS INDICATED ON INTERIOR ELEVATIONS.
- F. CONTRACTOR SHALL FRAME OUT DESIGNATED PORTIONS OF EXISTING PEMB STRUCTURAL FRAME AND WRAP WITH SPECIFIED REFLECTIVE LINER PANEL, SEE DETAIL 1B/A510.
- G. PROVIDE AND INSTALL NEW PROTECTIVE COLUMN PADS AND COORDINATED WALL BASE AT ALL EXISTING PEMB STRUCTURAL COLUMNS, SEE DETAIL 1A/A510.
- H. FIELD VERIFY ALL DOOR LOCATIONS TO LOCATE THE DOOR SEAM BREAK IN TENNIS BACKDROP.

KEYNOTES - FLOOR PLAN

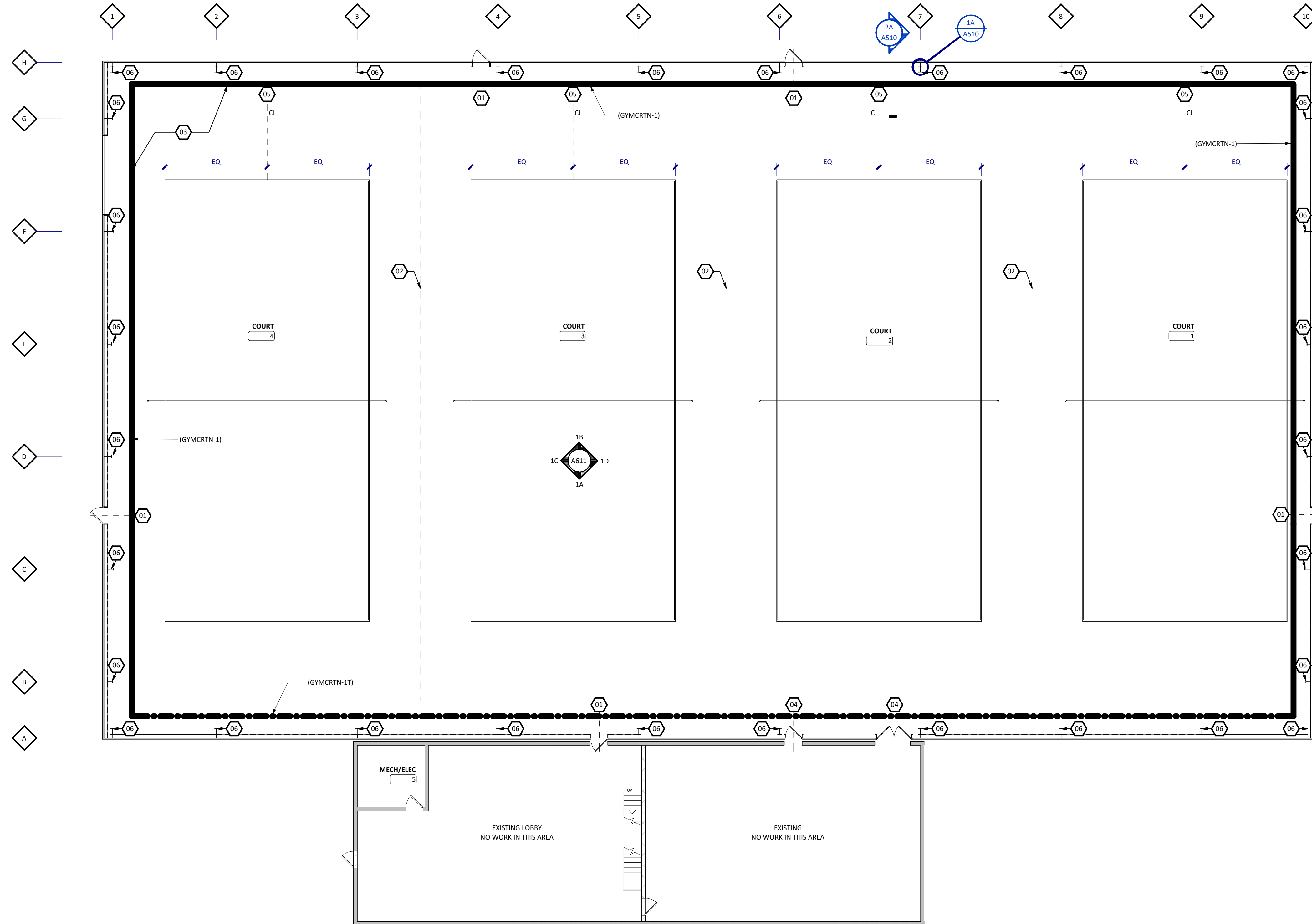
NO	NOTE	REV.
01	PROVIDE SEAM BREAK IN TENNIS BACKDROP FOR EMERGENCY EGRESS. PROVIDE EXIT SIGNAGE MOUNTED TO BACKDROP PER LIFE SAFETY PLAN.	
02	UNDER PROJECT ALTERNATE ONLY: PROVIDE (GYM CRTN-2). INSTALL PER MANUFACTURER'S RECOMMENDATION.	
03	PROVIDE NEW TENNIS BACKDROP. REFER TO INTERIOR ELEVATIONS FOR TYPE AND EXTENT. INSTALL PER MANUFACTURER'S RECOMMENDATION.	
04	PROVIDE SEAM BREAK IN TENNIS BACKDROP FOR GENERAL CIRCULATION. (NO EXIT SIGNAGE REQUIRED AT THIS LOCATION).	
05	NEW VINYL COURT NUMBERS ON TENNIS BACKDROP. 8'-0" ABOVE FINISHED FLOOR, 12" TALL LETTERS TO BE CENTERED ON THE COURTS. REFER TO SPECIFICATIONS.	
06	PROVIDE NEW (WALL PAD-1). REFER TO DETAIL 1A/A510. FRAME OUT AND ENCLOSE EXISTING PEMB STRUCTURE WITH (FAB LIN-1) PER DETAILS 1B/A510 AND 2A/A510.	

SHEET SPEC ID LIST

SPEC ID	SPEC SECTION & DESCRIPTION
GYMCRTN-1	11 6623 - BACKDROP CURTAIN
GYMCRTN-1T	11 6623 - BACKDROP CURTAIN



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



1A
A201 FLOOR PLAN - LEVEL 1
SCALE: 3/32" = 1'-0"



STATUS: CONSTRUCTION

REVISIONS

SYM DATE DESCRIPTION

APPR

CAMERON INDOOR TENNIS INTERIOR UPDATES

Advanced Engineering and Environmental Services, LLC www.ae2s.com

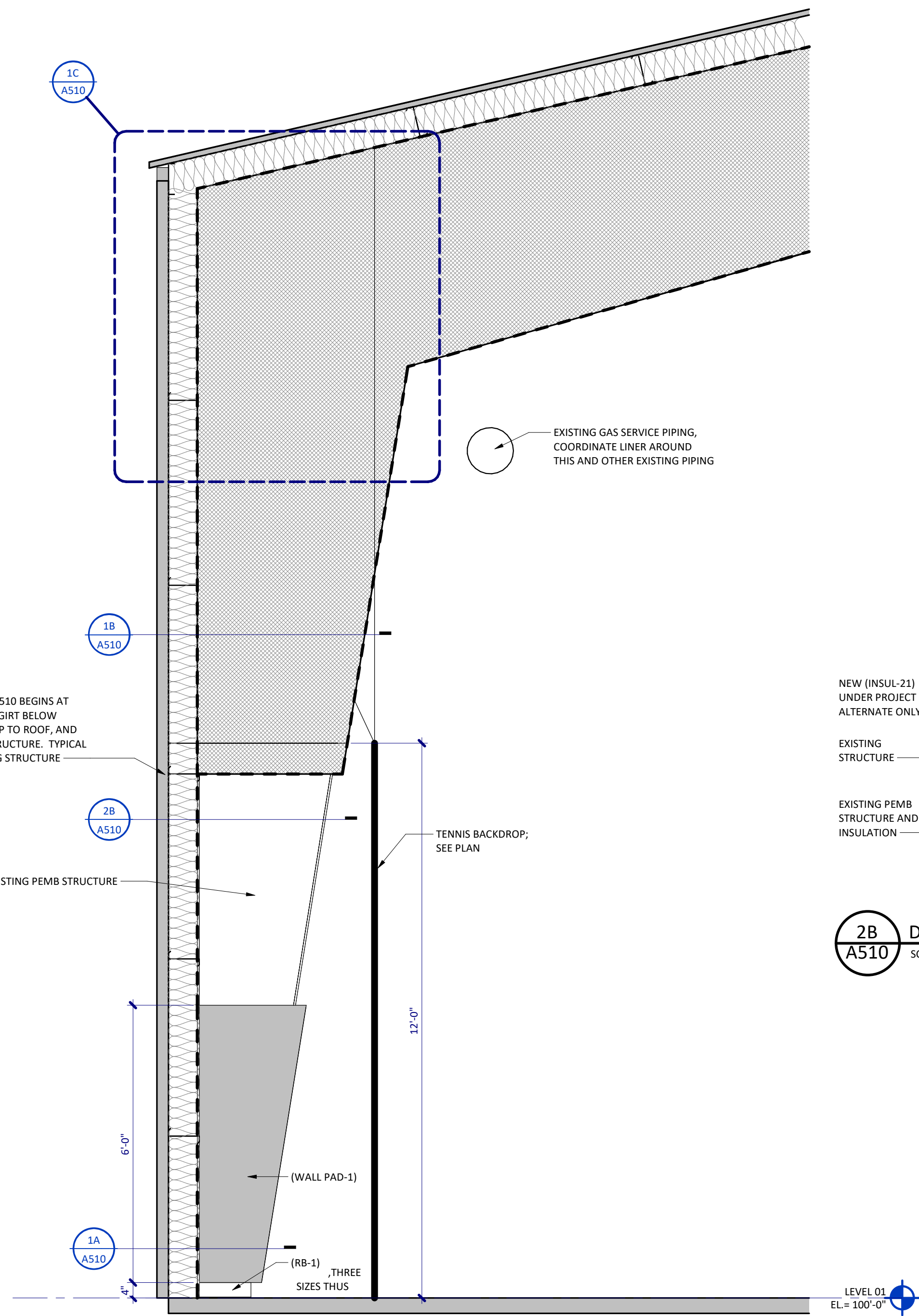
SHEET TITLE: **FIRST FLOOR PLAN**

CLIENT: **MINOT PARK DISTRICT**
3521 MAIN ST N, MINOT, ND

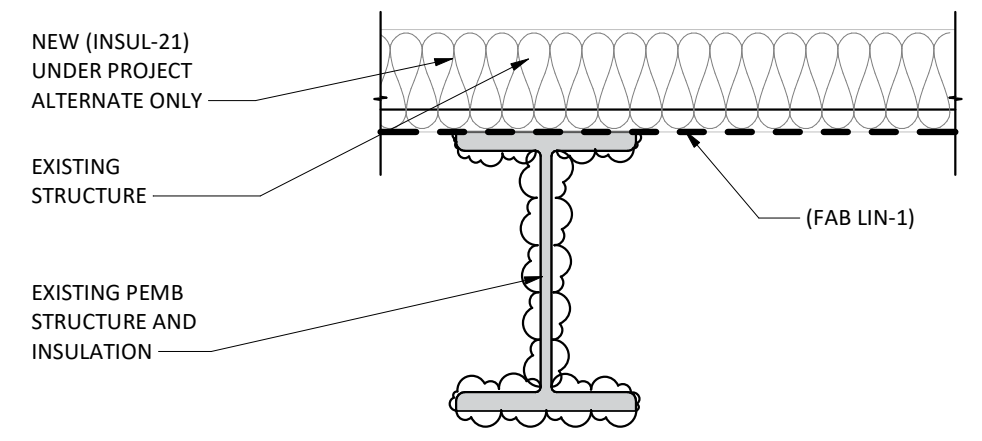
PREPARED BY: Author
CHECKED BY: Checker
APPROVED BY: Approver

PROJECT NO: 11550-2026-001 SHEET DESIGNATOR: SHEET NO: **A201**

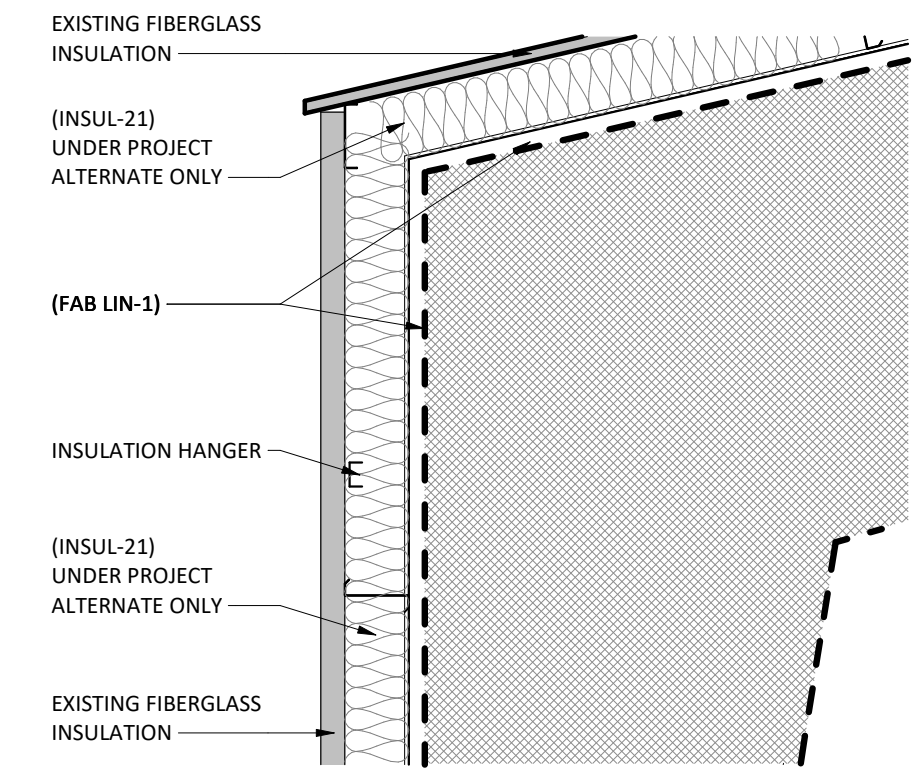
DATE: MAY 2026
ALT PROJECT NO:



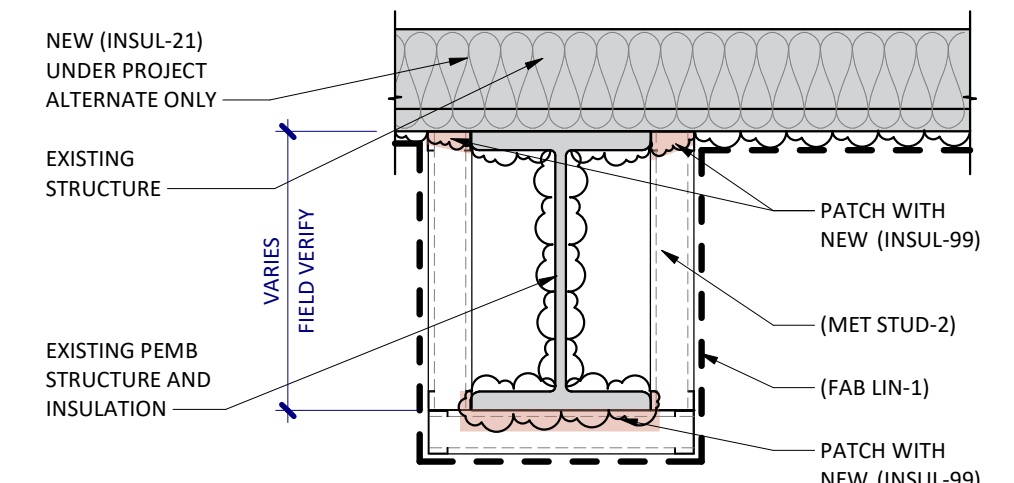
2A
A510 TYPICAL WALL SECTION
SCALE: 1/2" = 1'-0"



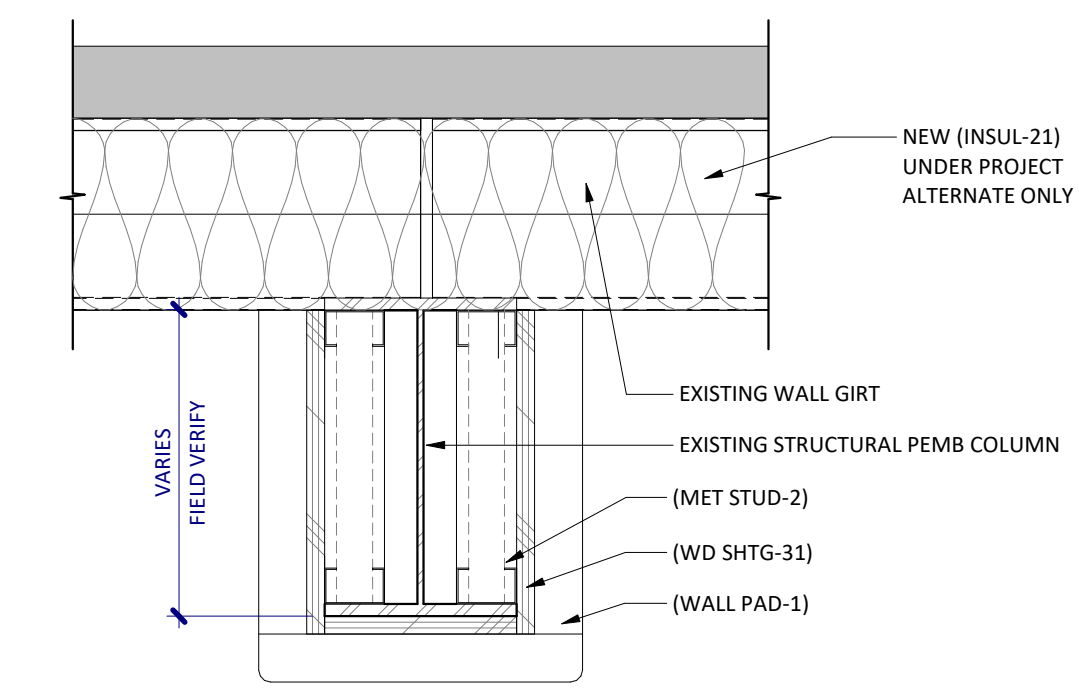
2B
A510 DETAIL OF LINER SYSTEM NO BOX OUT FRAMING
SCALE: 3/4" = 1'-0"



1C
A510 WALL AT CEILING DETAIL
SCALE: 1/2" = 1'-0"



1B
A510 DETAIL OF LINER SYSTEM WITH BOX OUT FRAMING
SCALE: 3/4" = 1'-0"

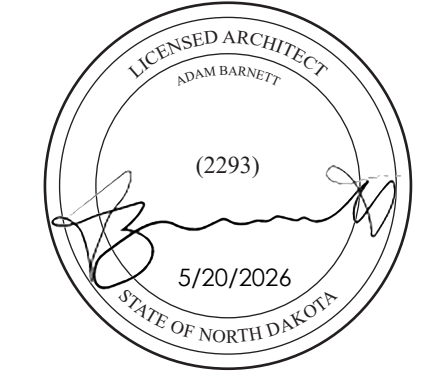


1A
A510 PLAN DETAIL GYM WALL PADDING
SCALE: 1 1/2" = 1'-0"

SHEET SPEC ID LIST	
SPEC ID	SPEC SECTION & DESCRIPTION
FAB LIN-1	07 2600 - REFLECTIVE LINER PANEL
INSUL-21	07 2100 - UNFACED FIBERGLASS BATT INSULATION
INSUL-99	07 2129 - SPRAYED FIBERGLASS/POLYMER ADHESIVE INSULATION
MET STUD-2	09 2116 - NON-LOADBEARING METAL STUDS, 20 GA.
RB-1	09 6500 - RESILIENT BASE
WALL PAD-1	11 6623 - WALL PADDING
WD SHTG-31	06 1000 - 5/8" SHEATHING



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: CONSTRUCTION

REVISIONS

SYM

DATE

DESCRIPTION

APPR

CAMERON INDOOR TENNIS INTERIOR UPDATES

Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: **DETAILS**

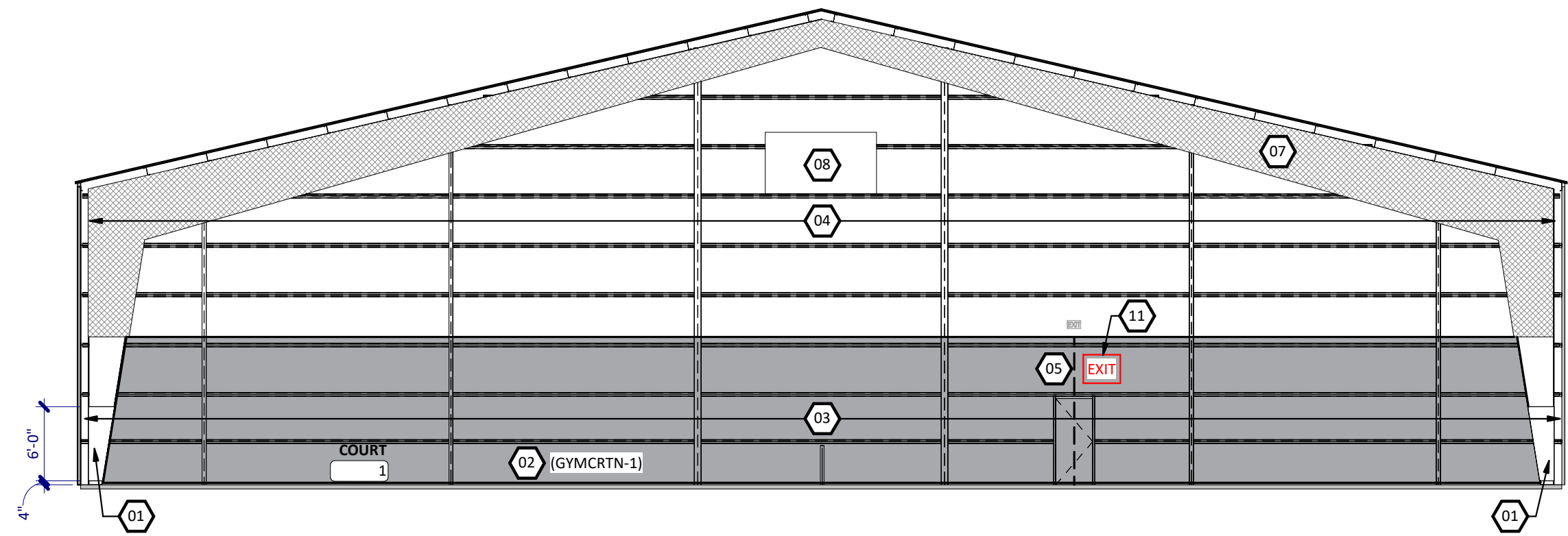
CLIENT: **MINOT PARK DISTRICT**
3521 MAIN ST N, MINOT, ND

PREPARED BY: Author
CHECKED BY: Checker
APPROVED BY: Approver

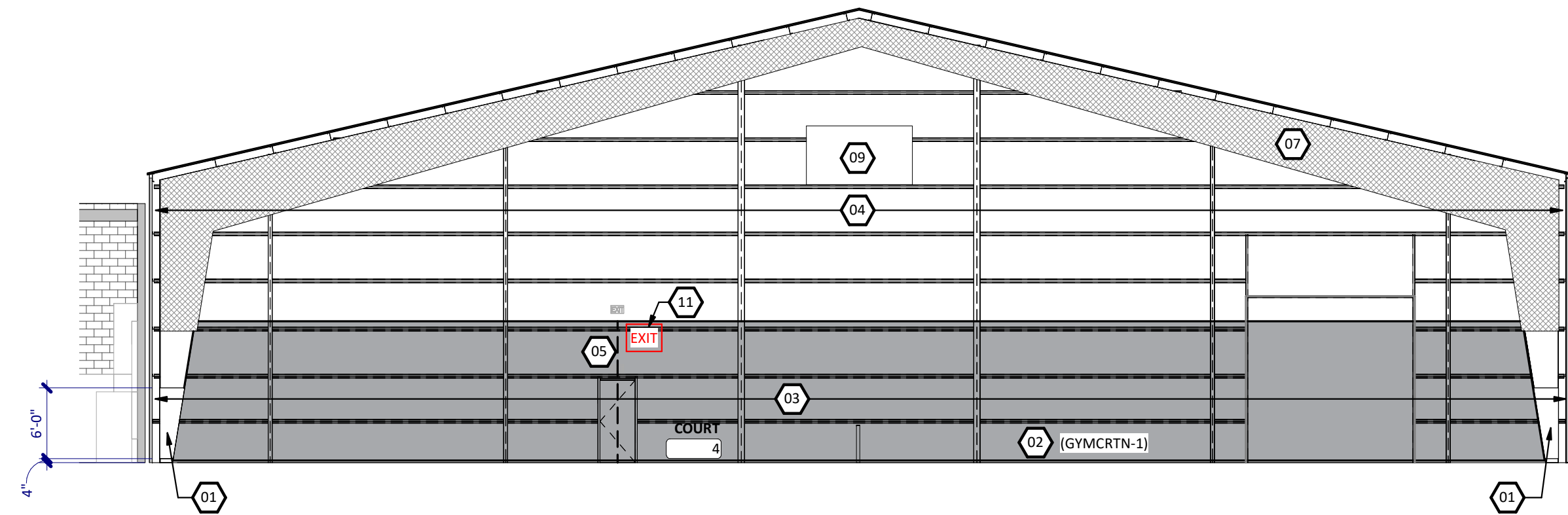
PROJECT NO: 11550-2026-001
DATE: MAY 2026
ALT PROJECT NO:

SHEET DESIGNATOR: SHEET NO:

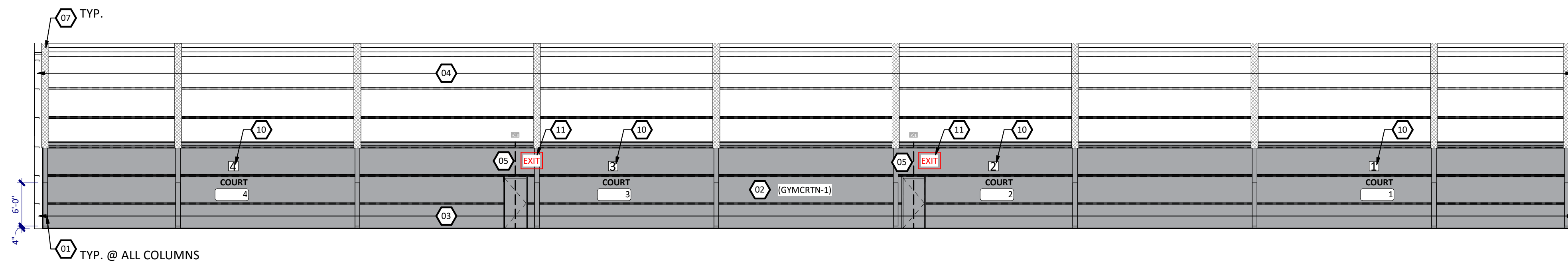
A510



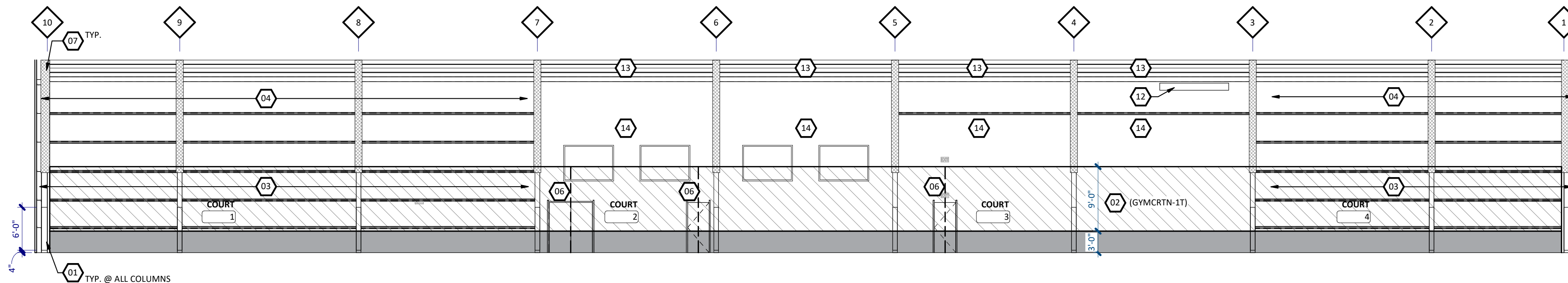
1D EAST INTERIOR ELEVATION
A611 SCALE: 3/32" = 1'-0"



1C WEST INTERIOR ELEVATION
A611 SCALE: 3/32" = 1'-0"

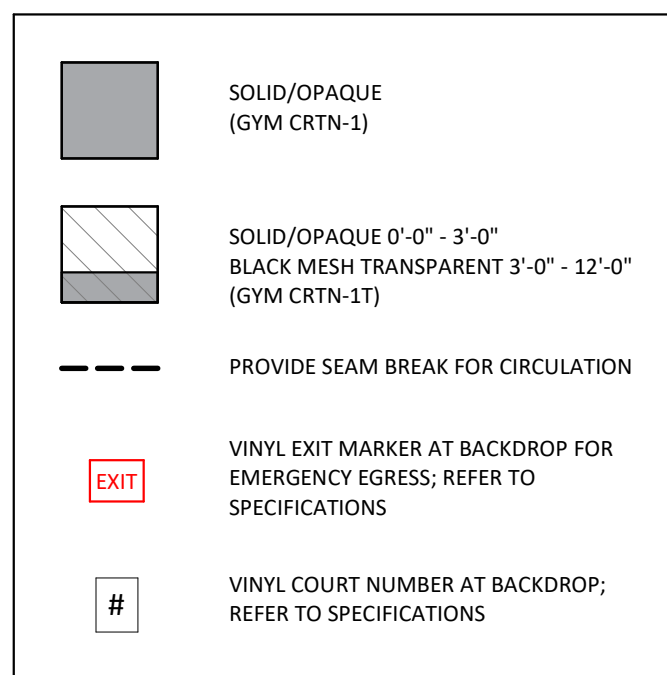


1B NORTH INTERIOR ELEVATION
A611 SCALE: 3/32" = 1'-0"



1A SOUTH INTERIOR ELEVATION
A611 SCALE: 3/32" = 1'-0"

TENNIS BACKDROP KEY



SHEET SPEC ID LIST

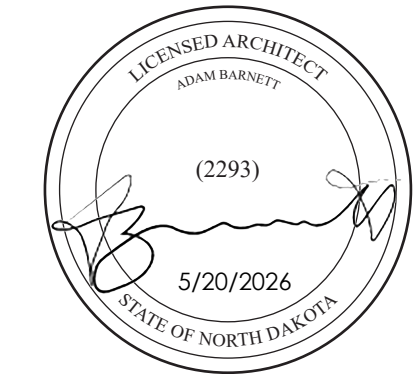
SPEC ID	SPEC SECTION & DESCRIPTION
GYMCRTN-1	11 6623 - BACKDROP CURTAIN
GYMCRTN-1T	11 6623 - BACKDROP CURTAIN

KEYNOTES - INTERIOR ELEV.

NO	NOTE	REV.
01	REMOVE AND DISPOSE OF EXISTING COLUMN PADS. PREPARE SUBSTRATE FOR NEW (WALL PAD-1). REFER TO DETAIL 1A/AS10.	
02	REMOVE AND DISPOSE OF EXISTING TENNIS BACKDROP. PREPARE SUBSTRATE FOR NEW BACKDROP. REFER TO INTERIOR ELEVATIONS AND TENNIS BACKDROP KEY FOR TYPE AND EXTENT. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.	
03	NEW (FAB LIN-1) WALL LINER EXTENDED TO FLOOR BEHIND TENNIS BACKDROP. REFER TO DETAIL 2A/AS10. UNDER PROJECT ALTERNATE ONLY: PROVIDE (INSUL-21) INSULATION.	
04	NEW (FAB LIN-1) WALL LINER, REFER TO DETAILS 2A/AS10 AND 1C/AS10. UNDER PROJECT ALTERNATE ONLY: PROVIDE (INSUL-21) INSULATION.	
05	PROVIDE SEAM BREAK IN TENNIS BACKDROP AT EMERGENCY EXIT. PROVIDE EXIT SIGNAGE MOUNTED TO BACKDROP PER LIFE SAFETY PLAN.	
06	PROVIDE SEAM BREAK IN TENNIS BACKDROP FOR ACCESS/EGRESS.	
07	FRAME OUT AND ENCLOSE EXISTING PEMB STRUCTURE WITH (FAB LIN-1). REFER TO DETAILS 1B/AS10 AND 2A/AS10.	
08	EXISTING MECHANICAL LOUVER.	
09	PAINT EXISTING MECHANICAL FAN UNIT BRIGHT WHITE.	
10	NEW VINYL COURT NUMBERS ON TENNIS BACKDROP. 8'-0" ABOVE FINISHED FLOOR. 12" TALL LETTERS TO BE CENTERED ON THE COURTS. REFER TO SPECIFICATIONS.	
11	NEW VINYL EXIT SIGN ON TENNIS BACKDROP FOR EMERGENCY EGRESS. REFER TO SPECIFICATIONS.	
12	EXISTING ELECTRICAL POWER BUS.	
13	EXTEND REFLECTIVE WALL LINER TO FIRST WALL GIRT BELOW THE PEMB EAVE, ABOVE ELECTRICAL BUS.	
14	NO WALL LINER AT EXISTING CMU. PAINT EXISTING CMU BRIGHT WHITE.	



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: CONSTRUCTION

REVISIONS

SYM DATE

DESCRIPTION

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CAMERON INDOOR TENNIS INTERIOR UPDATES
Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: **INTERIOR ELEVATIONS**

CLIENT: **MINOT PARK DISTRICT**
3521 MAIN ST N, MINOT, ND

PREPARED BY: Author
CHECKED BY: Checker
APPROVED BY: Approver

PROJECT NO: 11550-2026-001 SHEET DESIGNATOR: SHEET NO:
DATE: MAY 2026
ALT PROJECT NO:

A611

GENERAL NOTES - RCP

- A. SEE ELECTRICAL DRAWINGS FOR FIXTURE TYPES AND NIGHT LIGHT LOCATIONS.
- B. INSTALL NEW REFLECTIVE WALL AND CEILING LINER PANEL THROUGHOUT THE ENTIRE SPACE AS INDICATED.
- C. CONTRACTOR SHALL FRAME OUT DESIGNATED PORTIONS OF EXISTING PEMB STRUCTURAL FRAME AND WRAP WITH SPECIFIED REFLECTIVE LINER PANEL. SEE DETAIL 18/A510.
- D. EXISTING GAS PIPING BELOW THE ROOF STRUCTURE IS PRESENT ALONG THE SOUTH EDGE OF THE ROOF STRUCTURE. COORDINATE PLACEMENT OF THE LINER PANEL ABOVE THE GAS PIPING.

SHEET SPEC ID LIST

SPEC ID	SPEC SECTION & DESCRIPTION

KEYNOTES - CEILING PLAN

NO	NOTE	REV.
01	FRAME OUT AND ENCLOSE EXISTING PEMB STRUCTURE WITH (FAB LIN-1) PER DETAILS 18/A510 AND 2A/A510.	
02	NEW LED LIGHT FIXTURES. COORDINATE FINAL LAYOUT AND INSTALLATION WITH ELECTRICAL SERIES DRAWINGS AND SPECIFICATION SECTION 26.	
03	NEW (FAB LIN-1) REFLECTIVE CEILING LINER AT UNDERSIDE OF ROOF. TYP. REFER TO DETAIL 18/A510 AND 2A/A510. ADD ALTERNATE 01: PROVIDE (INSUL-21) INSULATION.	
04	EXISTING MAKEUP AIR UNIT COMBUSTION EXHAUST, SEAL AND WRAP LINER PANEL AROUND.	
05	EXISTING ROOF TOP EXHAUST UNIT DUCT, SEAL AND WRAP LINER PANEL AROUND.	



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively

STATUS: CONSTRUCTION

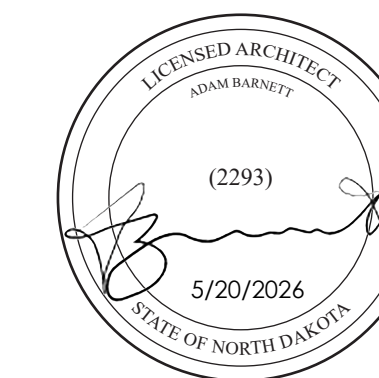
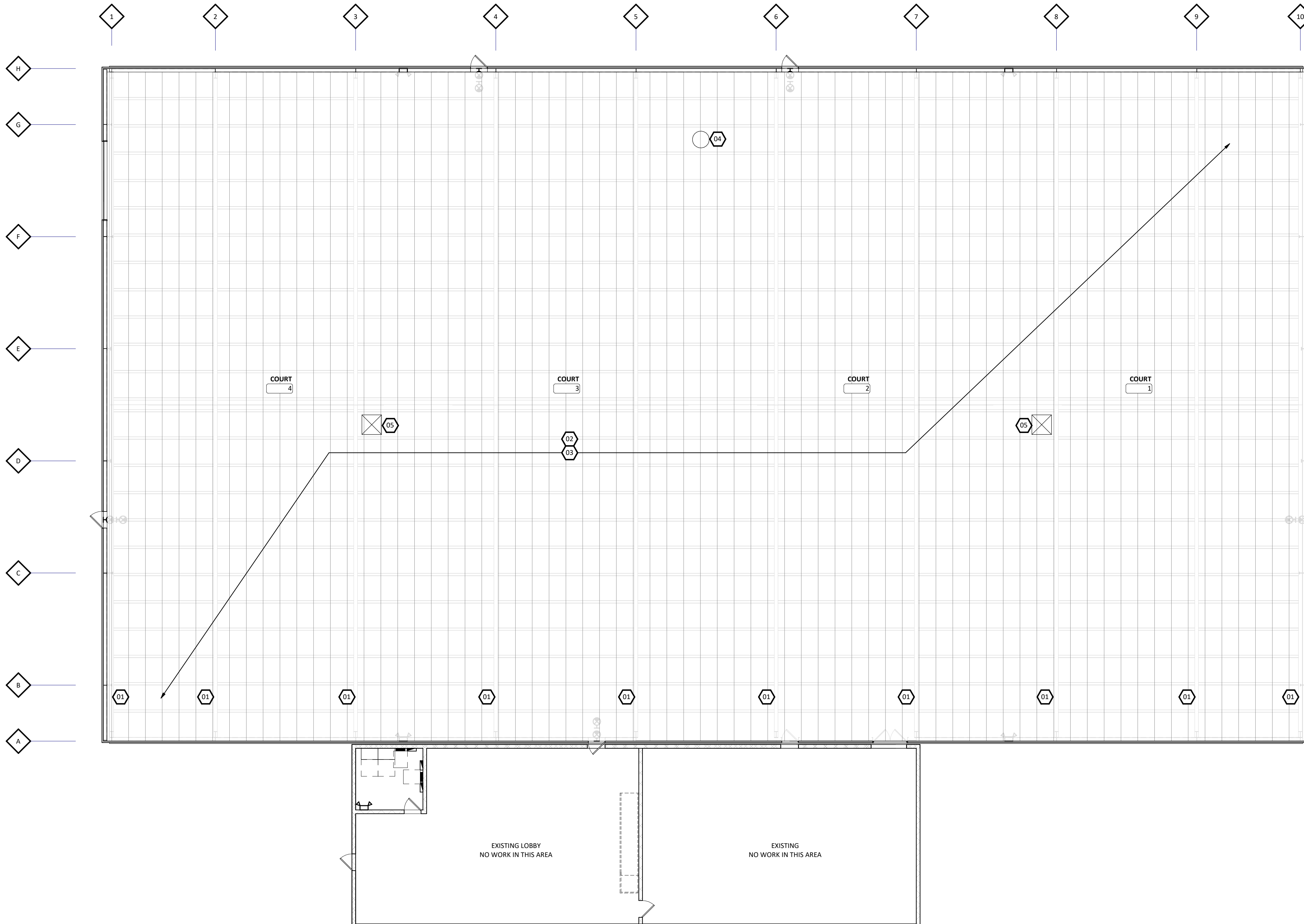
REVISIONS

SYM

DATE

DESCRIPTION

APPR



CAMERON INDOOR TENNIS INTERIOR UPDATES

Advanced Engineering and Environmental Services, LLC www.ae2s.com

PROJECT TITLE:

SHEET TITLE: **FIRST FLOOR RCP**

CLIENT: **MINOT PARK DISTRICT**
3521 MAIN ST N, MINOT, ND

PREPARED BY: Author
CHECKED BY: Checker
APPROVED BY: Approver

PROJECT NO: 11550-2026-001 SHEET DESIGNATOR: SHEET NO: **A701**

DATE: MAY 2026
ALT PROJECT NO:

6A
A701 CEILING PLAN - LEVEL 1
SCALE: 3/32" = 1'-0"



ABBREVIATIONS table with columns for symbol, description, and notes. Includes entries for AMPERE, MECH, ABOVE FINISHED FLOOR, etc.

ELECTRICAL SYMBOLS table with columns for SHEET, DESCRIPTION, LIGHTING, LIGHTING CONTROL, and DISTRIBUTION. Includes symbols for SHEET NOTE REFERENCE, WALL MOUNTED LIGHT FIXTURE, etc.

ELECTRICAL SHEET INDEX table with columns for E000, E101, E201, E300 and their corresponding descriptions like ELECTRICAL TITLE SHEET, FIRST LEVEL - ELECTRICAL DEMOLITION, etc.

GENERAL ELECTRICAL NOTES:

- A. INSTALL ELECTRICAL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE, STATE, COUNTY, MUNICIPAL AND FEDERAL LAWS AND ORDINANCES GOVERNING THE PROJECT...

GENERAL ELECTRICAL DEMOLITION NOTES:

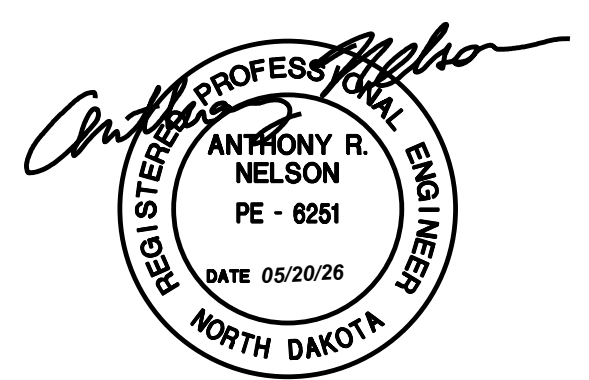
- A. DRAWINGS ARE DIAGRAMMATIC ONLY AND ARE NOT INTENDED TO INDICATE ALL DEVICES OR CONDITIONS ASSOCIATED WITH DEMOLITION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ACTUAL CONDITIONS INVOLVED IN THE DEMOLITION AND SUBSEQUENT RECONSTRUCTION REQUIRED TO COMPLETE THE ELECTRICAL INSTALLATION...

GENERAL LIGHTING NOTES:

- A. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN DRAWINGS FOR LOCATION OF LUMINAIRES AND CEILING MOUNTED ELECTRICAL DEVICES. B. REFER TO ARCHITECTURAL ELEVATIONS AND DETAILS FOR LOCATION OF WALL MOUNTED LUMINAIRES, TASK LIGHTING, DISPLAY LIGHTING, AND COVE LIGHTING...

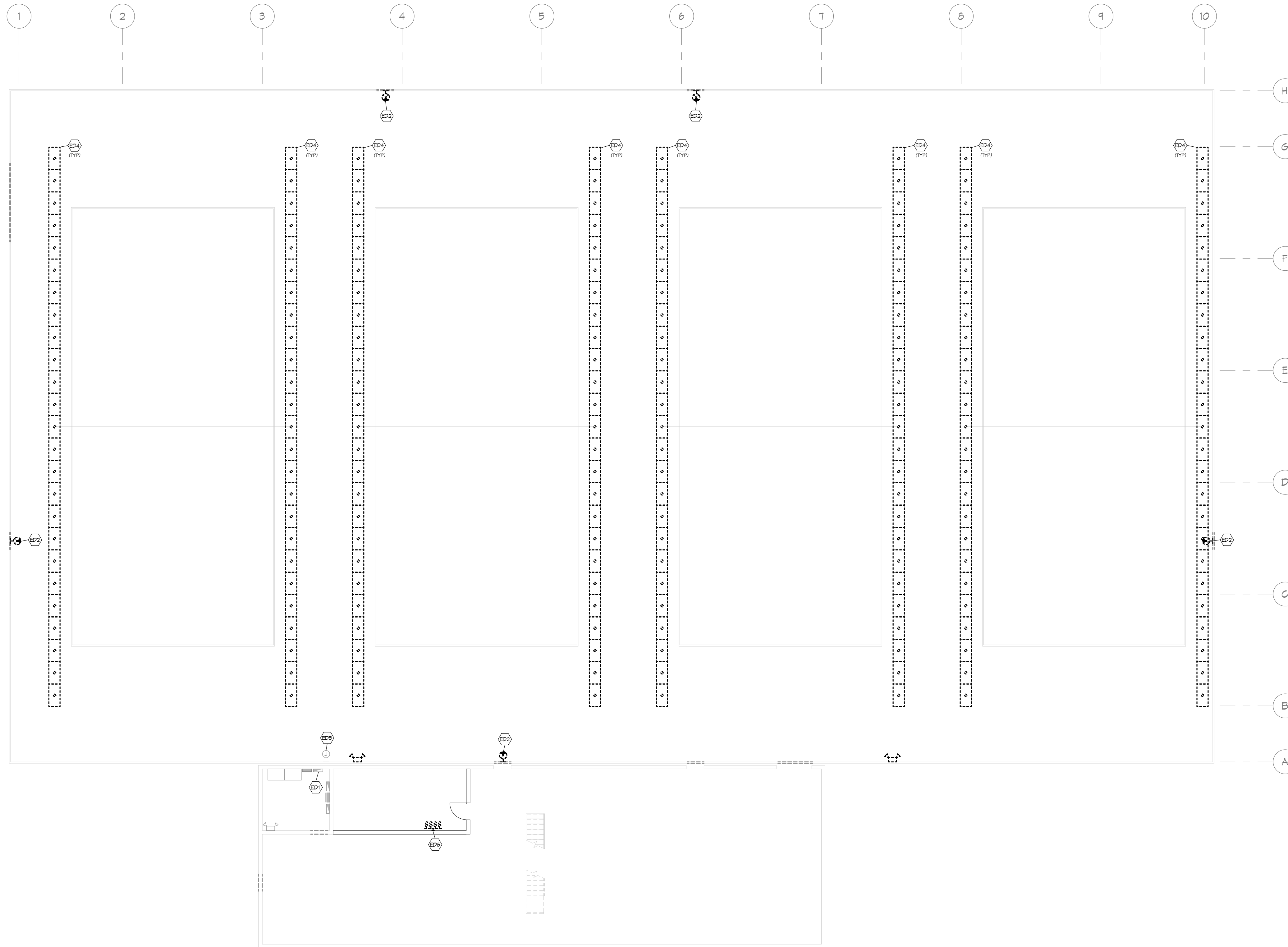


Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



Vertical sidebar containing project information: STATUS: CONSTRUCTION, REVISIONS, SYM, DATE, DESCRIPTION, APPR, PROJECT TITLE: CAMERON INDOOR TENNIS INTERIOR UPDATES, Advanced Engineering and Environmental Services, LLC www.aes.com

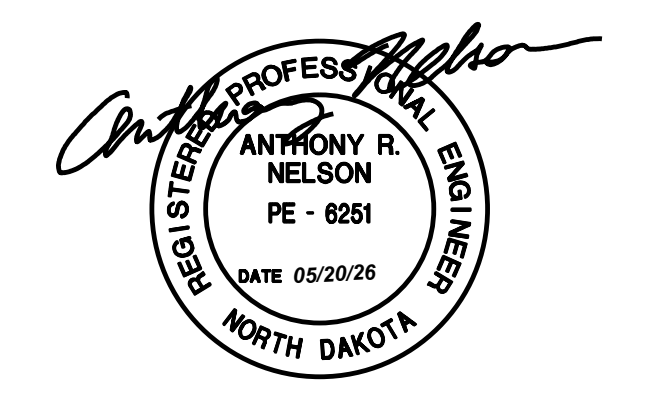
Project metadata section including SHEET TITLE: ELECTRICAL TITLE SHEET, CLIENT: MINOT PARK DISTRICT, PROJECT NO: 2026091, SHEET DESIGNATOR: --, SHEET NO: E000, DATE: MAY 2026, and approval signatures for DPH, CDC, and ARN.



- SHEET NOTES**
- ED1 DISCONNECT AND DEMOLISH EXISTING LIGHTING CONTACTOR. SALVAGE LINE SIDE, LOAD SIDE, AND SWITCH LES WIRING FOR REUSE WITH NEW RELAY LIGHTING CONTROL SYSTEM. RETAIN EXISTING ENCLOSURE.
 - ED2 DISCONNECT AND DEMOLISH EXISTING FIXTURE. SALVAGE WIRING AND CONDUIT FOR CONNECTION TO NEW FIXTURE.
 - ED4 DISCONNECT AND DISPOSE OF EXISTING 6-LAMP LIGHT FIXTURES. UTILIZE EXISTING BOXES AND EXTEND EXISTING CONDUIT AS REQUIRED FOR INSTALLATION OF NEW LIGHT FIXTURES.
 - ED5 SALVAGE AND REUSE EXISTING JUNCTION BOXES WHERE POSSIBLE. REMOVE ALL JUNCTION BOXES NO LONGER REQUIRED. MINIMIZE JUNCTION BOX QUANTITIES TO REDUCE PENETRATIONS IN NEW LINER INSTALLATION.
 - ED6 DEMO EXISTING LINE VOLTAGE SWITCHES. SWITCHES TO BE REPLACED WITH LOW VOLTAGE SWITCHES. SEE NEW PLAN.



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STATUS: CONSTRUCTION

REVISIONS

SYM DATE DESCRIPTION

CAMERON INDOOR TENNIS INTERIOR UPDATES
Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: **FIRST LEVEL - ELECTRICAL DEMOLITION**

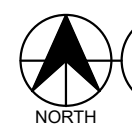
CLIENT: **MINOT PARK DISTRICT**
3520 MAIN ST N, MINOT, ND

PREPARED BY: DPH
CHECKED BY: CDC
APPROVED BY: ARN

PROJECT NO: 2026091 SHEET DESIGNATOR: -- SHEET NO: **E101**

DATE: MAY 2026
ALT PROJECT NO:

1 FIRST LEVEL - ELECTRICAL DEMOLITION
SCALE: 3/32" = 1'-0"



SHEET NOTES

- L1 CONNECT NEW FIXTURE TO EXISTING CIRCUIT, JUNCTION AND EXTEND CIRCUIT AS REQUIRED.
- L2 PROVIDE NEW LIGHTING RELAY CONTROL PANEL, ADJACENT TO EXISTING ENCLOSURE, JUNCTION AND EXTEND EXISTING LINE AND LOAD SIDE WIRING AS REQUIRED FOR CONNECTION TO NEW PANEL. UTILIZE EXISTING ENCLOSURE AS JUNCTION BOX.
- L3 PROVIDE NEW LOW VOLTAGE SWITCHES COMPATIBLE WITH THE NEW RELAY PANEL FOR THE ZONES INDICATED.

GENERAL NOTES

A. MOUNT NEW SPORTS LIGHTING FIXTURES PER MANUFACTURER'S SPECIFICATIONS. PROVIDE ALL MOUNTING HARDWARE NECESSARY.

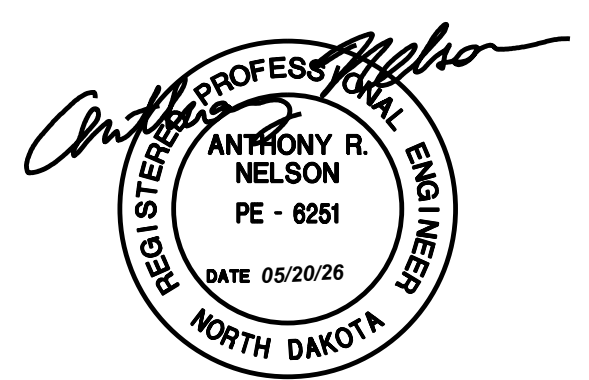
LIGHTING CONTROL NOTES:

GENERAL NOTES:
 A. TYPE L4 FIXTURES SHALL BE CONNECTED TO THE EMERGENCY LIGHTING INVERTER. FIXTURES SHALL BE CONTROLLED VIA CONTACTOR/RELAY PANEL FOR NORMAL NIGHTLIGHT OPERATION, ENERGIZING WHEN ALL OTHER LIGHTING IN THE SPACE IS DE-ENERGIZED. UPON LOSS OF NORMAL POWER, INVERTER SHALL AUTOMATICALLY ENERGIZE ALL CONNECTED FIXTURES TO FULL OUTPUT REGARDLESS OF CONTACTOR POSITION.

LC1 AUTO ON/OFF VIA TIME-OF-DAY SCHEDULE THROUGH LIGHTING RELAY CONTROL PANEL, EXISTING HALL SWITCHES PROVIDE LOW VOLTAGE MANUAL OVERRIDE FOR ASSOCIATED ZONE. COORDINATE SCHEDULE WITH OWNER PRIOR TO PROGRAMMING.



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: CONSTRUCTION

REVISIONS	SYM	DATE	DESCRIPTION

CAMERON INDOOR TENNIS INTERIOR UPDATES
Advanced Engineering and Environmental Services, LLC www.ae2s.com

PROJECT TITLE:

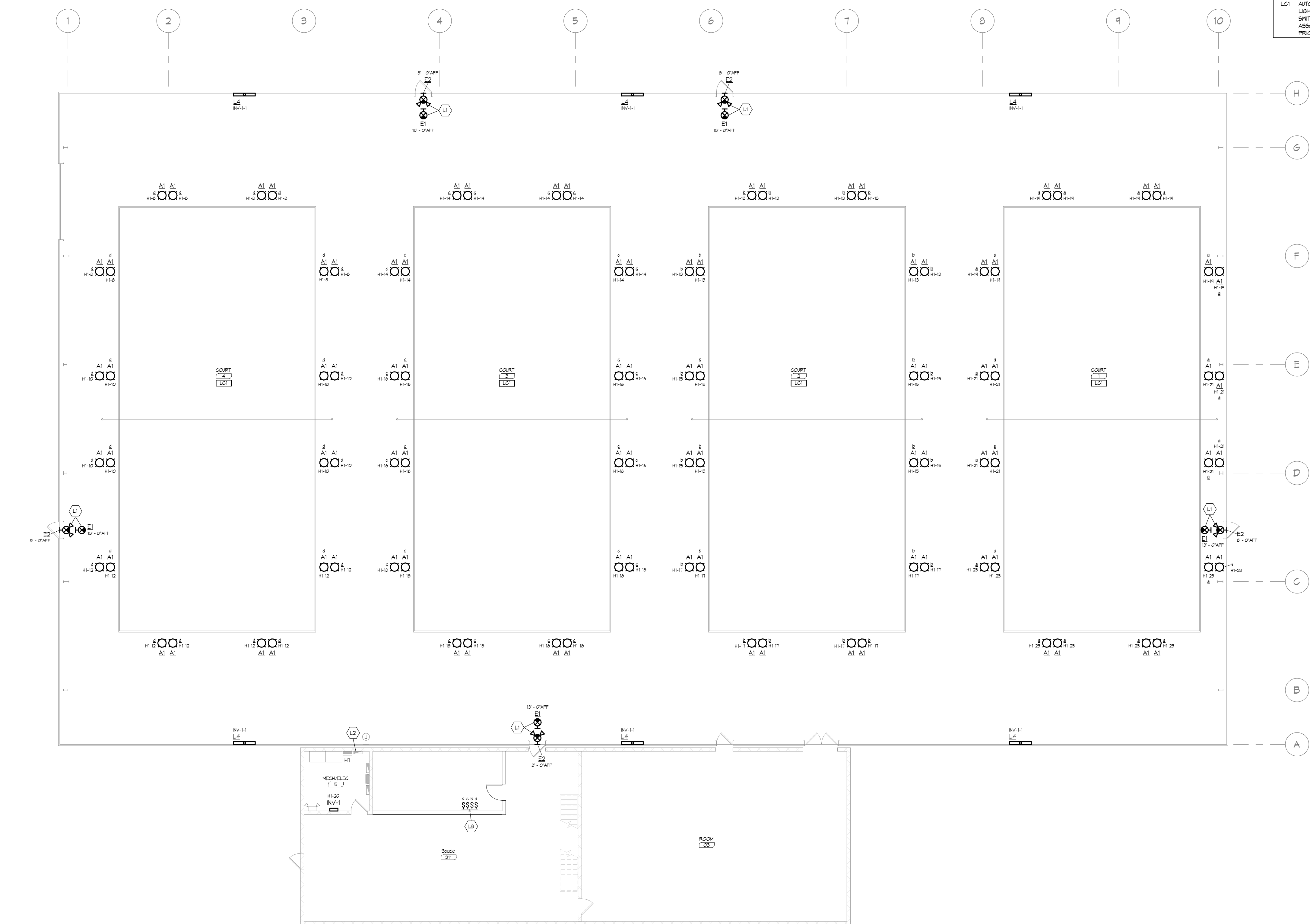
SHEET TITLE: **FIRST LEVEL - ELECTRICAL**

CLIENT: **MINOT PARK DISTRICT**
3520 MAIN ST N, MINOT, ND

PREPARED BY: DPH
 CHECKED BY: CDC
 APPROVED BY: ARN

PROJECT NO: 2026091
 DATE: MAY 2026
 ALT PROJECT NO: --

SHEET DESIGNATOR: --
 SHEET NO: **E201**



1 FIRST LEVEL - ELECTRICAL
 SCALE: 3/32" = 1'-0"



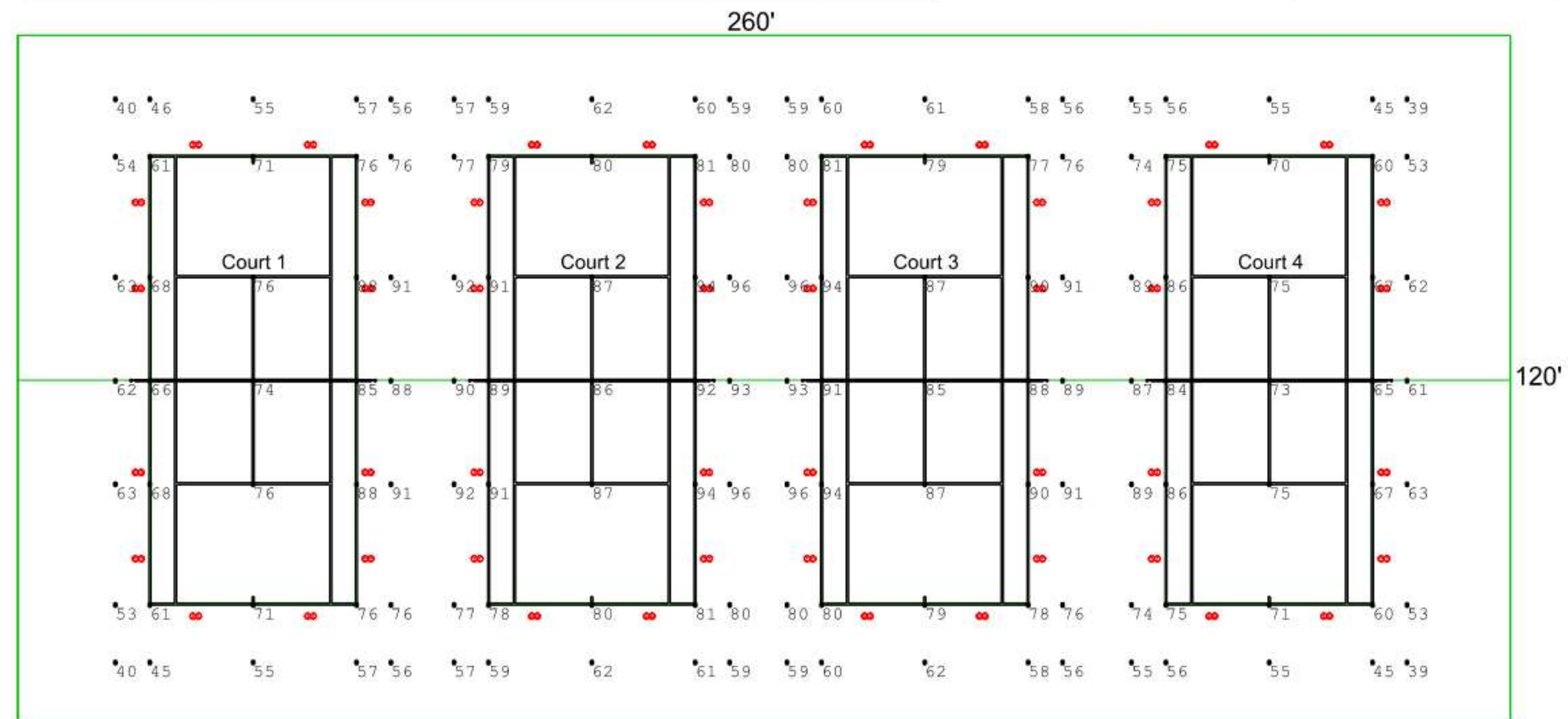
EXISTING PANELBOARD: H1												
LOCATION: MEGH/ELEG 3			VOLTS: 208/120 V _{ph}			A.I.C. RATING:						
SUPPLY FROM:			PHASES: 3			MAINS TYPE: MCB						
MOUNTING: SURFACE			WIRES: 4			MAINS RATING: 100 A						
ENCLOSURE: NEMA 1			OPTIONS:			BUSING: 100 A						
Notes:												
CKT	CIRCUIT DESCRIPTION	CONDUIT & WIRE	TRIP	POLE	A (VA)	B (VA)	C (VA)	POLE	TRIP	CONDUIT & WIRE	CIRCUIT DESCRIPTION	CKT
1	EXISTING LOAD	--	20 A	1	0	0			1	20 A	--	2
3	SPARE	--	20 A	1					1	20 A	--	4
5	EXISTING LOAD	--	20 A	3					1	20 A	--	6
7	EXISTING LOAD	--	20 A	3	0	1600			1	20 A	--	8
9	EXISTING LOAD	--	20 A	3					1	20 A	--	10
11	SPARE	--	20 A	1					1	20 A	--	12
13	COURT #2 - NORTH LIGHTING	--	20 A	1	1600	1600			1	20 A	--	14
15	COURT #2 - MIDDLE LIGHTING	--	20 A	1		1600	1600		1	20 A	--	16
17	COURT #2 - SOUTH LIGHTING	--	20 A	1			1600	1600	1	20 A	--	18
19	COURT #1 - NORTH LIGHTING	--	20 A	1	1600	300			1	20 A	--	20
21	COURT #1 - MIDDLE LIGHTING	--	20 A	1		1600	0		1	20 A	--	22
23	COURT #1 - SOUTH LIGHTING	--	20 A	1			1600	0	1	20 A	--	24
25	SPARE	--	20 A	1	0	0			1	20 A	--	26
27	SPARE	--	20 A	1		0	0		1	20 A	--	28
29	SPARE	--	20 A	1			0	0	1	20 A	--	30
31	EXISTING LOAD	--	20 A	1	0	0			1	20 A	--	32
33	EXISTING LOAD	--	20 A	1		0	0		1	20 A	--	34
35	EXISTING LOAD	--	20 A	1			0	0	1	20 A	--	36
37	EXISTING LOAD	--	20 A	1	0	0			1	20 A	--	38
39	SPARE	--	20 A	1		0	0		1	20 A	--	40
41	SPARE	--	20 A	1			0	0	1	20 A	--	42
TOTAL LOAD (VA):					6686 VA	6400 VA	6400 VA					
TOTAL AMPS:					56 A	53 A	53.3 A					
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS								
Lighting	11425 VA	125%	24391 VA	TOTAL CONN. LOAD (VA): 11425 VA								
				TOTAL EST. DEMAND (VA): 24391 VA								
				TOTAL CONNECTED: 54 A								
				TOTAL EST. DEMAND: 60 A								

LIGHT FIXTURE SCHEDULE												
GENERAL NOTES:												
A. SEE SPEC SECTION 26-0000 AND 26-9100 FOR ADDITIONAL REQUIREMENTS AS REQUIRED.												
B. EQUAL TO AND OR EQUAL: WHERE MATERIALS ARE SPECIFICALLY IDENTIFIED WITH EQUAL TO / OR EQUAL, SUBSTITUTE MANUFACTURERS COMPLYING WITH THE REQUIREMENTS OF THESE SPECIFICATIONS BUT NOT LISTED MAY BE INCORPORATED IN THE WORK, SUCH MATERIAL EQUAL TO OR SUPERIOR, IN ENGINEER'S OPINION, TO THAT SPECIFIED IN CONSTRUCTION, EFFICIENCY, APPEARANCE, AND UTILITY.												
C. ALL DIMENSIONS ARE NOMINAL UNLESS NOTED OTHERWISE.												
D. RATED LIFE OF LED LUMINAIRES SHALL BE 50,000 HOURS UNLESS OTHERWISE NOTED.												
E. EMERGENCY LUMINAIRES SHALL BE EQUIPPED WITH SELF-DIAGNOSTIC BATTERIES UNLESS OTHERWISE NOTED.												
F. COLOR TEMPERATURE OF LED LUMINAIRES IS NOMINAL UNLESS OTHERWISE NOTED.												
G. SYSTEM WATTAGE SCHEDULED IS NOMINAL UNLESS NOTED OTHERWISE.												
H. 0-10V LED DRIVERS TO BE FURNISHED WITH ISOLATED GROUNDS. COMMON WIRE SHALL BE ISOLATED FROM THE POWER SYSTEM GROUND WIRE OF THE POWER SUPPLY.												
J. DIMMING COMPONENTS SHALL BE COMPATIBLE WITH SPECIFIED LIGHTING CONTROL SYSTEMS.												
K. LINEAR LUMINAIRE LENGTHS GREATER THAN 8'-0" LENS & REFLECTOR SHALL BE CONTINUOUS FROM END TO END (WITHOUT VISIBLE JOINTS) FOR THE TOTAL RUN LENGTH.												
L. REFER TO ARCHITECTURAL, LANDSCAPING, AND CIVIL PLANS FOR COORDINATION AND ADDITIONAL INFORMATION, DETAILS, MOUNTING, AND LOCATION OF EQUIPMENT.												
M. FOR SITE POLE LIGHTING, PROVIDE ROUND, TAPERED, STEEL POLE, WITH HANDLE, ANCHOR BOLTS, BOLT TEMPLATE, VIBRATION DAMPER, AND BASE COVER. SHALL BE FACTORY FINISHED TO MATCH LUMINAIRE. REFER TO POLE BASE DETAILS FOR ADDITIONAL INFORMATION.												
N. PROVIDE T-RID MOUNTING HARDWARE WHERE REQUIRED. REFER TO ARCHITECTURAL RCP PLANS FOR MORE INFORMATION.												
NOTES:												
1. ANY PROPOSED SUBSTITUTION MUST PROVIDE PHOTOMETRIC CALCULATIONS DEMONSTRATING EQUIVALENT OR SUPERIOR PERFORMANCE TO THE BASIS OF DESIGN, INCLUDING AVERAGE FOOT-CANDLE LEVELS AND MAXIMUM TO MINIMUM UNIFORMITY RATIOS.												
TYPE	MANUFACTURER	SERIES	VOLT	CGT	CRI	LUMENS	POWER SUPPLY SYSTEM	DIMMING	DIMENSIONS	MOUNTING	FINISH	DESCRIPTION
A1	(NOTE 1) APPROVED EQUAL TO: SHINETOO	HBL200N	MVOLT	2100K-1000K	90	28,000	200 W	--	STANDARD	SUSPENDED	WHITE	LED HIGH-BAY SPORTS LUMINAIRE, DIE-CAST ALUMINUM HOUSING WITH 120° POLYCARBONATE OPTICS, 50,000-HOUR RATED LIFE. PROVIDE RIGID MOUNTING STEMS FOR THE FIXTURES AS RECOMMENDED BY THE MANUFACTURER TO MOUNT AT THE PROPER HEIGHT FOR OPTIMAL PERFORMANCE. VERIFY WITH THE MANUFACTURER.
E1	EQUAL TO: BISHNELL DUAL-LITE EVEN-LITE SURE-LITES	FTZ EYE4X LV SERIES	MVOLT	MS	MS	MS	25 W	--	STANDARD	EXTERIOR WALL	WHITE	SINGLE FACE DIE-CAST ALUMINUM EXIT SIGN, STENCIL FACE WITH RED OPTICAL DIFFUSER, INTEGRAL NI-CAD BATTERY EQUIPPED WITH SELF-DIAGNOSTICS, MET LOCATION LISTED, VANDAL RESISTANT.
E2	EQUAL TO: SURE-LITES	APC	3.6 V	MS	MS	MS	25 W	--	MS	WALL	WHITE	SINGLE FACE THERMOPLASTIC / POLYCARBONATE EXIT SIGN WITH (2) ADJUSTABLE EMERGENCY HEADS, STENCIL FACE WITH RED OPTICAL DIFFUSER, INTEGRAL NI-CAD BATTERY EQUIPPED WITH SELF-DIAGNOSTICS.
INV-1	EQUAL TO: ISOLITE	ES	277 V	--	--	--	500 W	--	--	--	--	SEALED LEAD CALCIUM BATTERY, PURE SINE WAVE EMERGENCY LIGHTING INVERTER, UL254 LISTED WITH 90 MINUTE RUN-TIME AT FULL LOAD, 3 FIELD SELECTABLE OUTPUTS INCLUDING SWITCHED OUTPUT THAT AUTOMATICALLY DRIVES OUTPUT TO ON REGARDLESS OF SWITCHED POSITION, 3-YEAR WARRANTY.
L4	EQUAL TO: LUMINAIRE	CLF11L	MVOLT	4000K	80	8000	50 W	10% 0-10V DIM	11" H 1-1/2" W 4'-0" L	WALL SURFACE	M.S.	WALL MOUNTED VAPOR TIGHT POLYCARBONATE HOUSING, CONTINUOUS CLOSED CELL GASKET, WIDE DISTRIBUTION WITH FROSTED POLYCARBONATE LENS.

Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Description	LLF	Lum Watts
⊕	96	A	Single	ST-HBL200N	0.950	196.042

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	
Court 01	Illuminance	Fc	66.54	91	40	1.66	2.28	
Court 02	Illuminance	Fc	78.80	96	57	1.38	1.68	
Court 03	Illuminance	Fc	78.20	96	56	1.40	1.71	
Court 04	Illuminance	Fc	65.54	89	39	1.68	2.28	

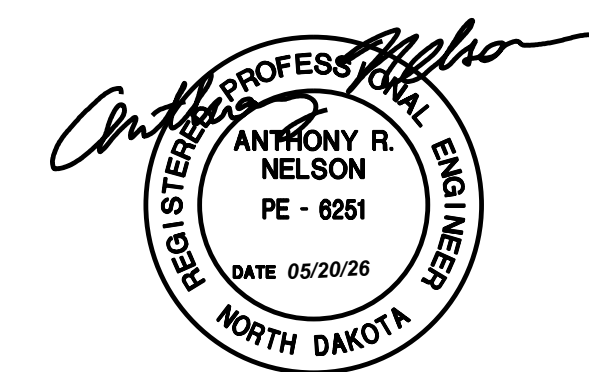
Ceiling Height=40ft (Peak)
 Side Eaves Height=20ft
 Mounting Height=7ft Below Ceiling
 Tilt=180° (Indirect Lighting)
 Calculation Grids Are 3ft Above Grade
 Light Loss Factor=0.95 (Maintained Footcandles)



1 INDOOR TENNIS PHOTOMETRICS
 SCALE: NTS



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STATUS: CONSTRUCTION

REVISIONS

SYM

DATE

DESCRIPTION

APPR

CAMERON INDOOR TENNIS INTERIOR UPDATES
 Advanced Engineering and Environmental Services, LLC www.ae2s.com

PROJECT TITLE:

SHEET TITLE: ELECTRICAL DETAILS

CLIENT: MINOT PARK DISTRICT
 3520 MAIN ST N, MINOT, ND

PREPARED BY: DPH
 CHECKED BY: CDC
 APPROVED BY: ARN

PROJECT NO: 2026091
 DATE: MAY 2026
 ALT PROJECT NO:

SHEET DESIGNATOR: --

SHEET NO: E300