

24-5064 Chesterton Hinh School - Socrer Field/dwo/2024-5064.dwo 2/4/2025 158:43 PM

GENERAL DEMOLITION NOTES:

A. SITE SURV CONTRACTO B. UNDERGRO SOME UTIL EXACT LOO TO CONSTR EXISTING U EXISTING U

-+

EXISTING DETENTION AREA

 \diagdown \checkmark

WOODED AREA A. SITE SURVEY INFORMATION IS PROVIDED BY OWNER, IS NOT 100% CERTIFIED BY TORRENGA ENGINEERING INC. CONTRACTOR IS TO VERIFY ALL ELEVATIONS AND NOTIFY CONSTRUCTION MANAGER AND ARCHITECT OF ANY DISCREP
 B. UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS BASED ON INFORMATION AT THE TIME OF SURVEY SOME UTILITIES ARE NOT SHOWN. REGARDLESS OF SHOWN OR NOT, THE CONTRACTOR IS RESPONSIBLE FOR DETER EXACT LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES TO REMAIN AND REPAIRING OR REPLACING ANY DAMAGE TO CONSTRUCTION ACTIVITY. CONTRACTOR IS TO NOTIFY CONSTRUCTION MANAGER AND ARCHITECT OF ANY DISCREPATION CONSTRUCTION ACTIVITY. CONTRACTOR IS TO NOTIFY CONSTRUCTION MANAGER AND ARCHITECT OF ANY DISCREPATION UTILITIES ALONG WITH CONNECTING NEW UTILITIES ASSOCIATED WITH CONSTRUCTION SCOPE.
 C. VALVES, MANHOLES, HAND-HOLES, UTILITY BOXES, AND SIMILAR STRUCTURES NOT DESIGNATED FOR REMOVAL, SHAL PROTECTED AND ADJUSTED TO NEW FINISH ELEVATIONS BY CONTRACTOR.
 E. CONTRACTOR IS REQUIRED TO PROVIDE DEMOLITION AND CONSTRUCTION PLAN FOR OWNER AND CONSTRUCTION MANAGER.

DEMOLITION PLAN NOTES:

CONTRACTOR IS TO REMOVE THE EXISTING SUB SURFACE DRAINAGE SYSTEM IN ITS ENTIRETY AND PREPARE AS REQUIRED FOR NEW ARTIFICIAL TURF SYSTEM. CONTRACTOR IS TO REMOVE THE EXISTING IRRIGATION SYSTEM IN ITS ENTIRETY AND PREPARE AS REQUIRED FOR

ARTIFICIAL TURF SYSTEM. REMOVE EXISTING CHAIN LINK FENCE IN ITS ENTIRETY. WHERE EXISTING FENCE IS IN CONCRETE SIDEWALK, PATCH REPAIR CONCRETE SIDEWALK TO MAKE LIKE NEW.

REMOVE AND REINSTALL EXISTING SOCCER GOALS AS REQUIRED.

REMOVE MINIMUM AMOUNT OF EXISTING EDGE OF ASPHALT IN ORDER TO INSTALL NEW CONCRETE CURB. REMOVE EXISTING FLAG IN ITS ENTIRETY.

	DEMOLITION NOTES
2 2 2 2 2 2 2 - 7 2 2 2 2 2 2 2 7 2 2 2 2 2 2 2	DEMOLITION LIMITS
1] REMOVE ASPHALT PAVEMENT
2	REMOVE CONCRETE PAVEMENT/SIDEWALK/CURB
3] REMOVE TREES
4] REMOVE FENCE
5	REMOVE OR RELOCATE LIGHT POLE/POWER POLE (SEE ELECTRICAL PLAN)
6] REMOVE FLAG POLE
7] REMOVE SIGNAGE / POSSIBLE RELOCATION
8	REMOVE STORM MH/CB
9	REMOVE STORM SEWER LINE
10	REMOVE SCOREBOARD, REFER TO THE ELECTRICAL PLANS FOR ELECTRIC RELOCATION
11] REMOVE ELECTRIC PANEL, REFER TO THE ELECTRICAL PLANS FOR ELECTRIC RELOCATION
12] REMOVE STONE
[12] REMOVE UNDERDRAIN SYSTEM AND IRRIGATION SYSTEM
AD-1] REMOVE WELL/SPIGOT AND CAP BY OWNER
~~~~~	

# NOTE:

1. THE EXISTING TOPOGRAPHY WAS GENERATED BY POINT ELEVATION SHOTS TAKEN BY TORRENGA SURVEYING, LLC.

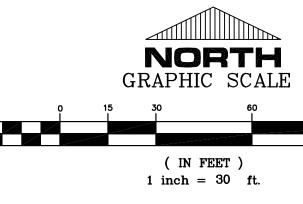
2. ALL VERTICAL DATUM IS BASED ON NAVD 88.

3. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL EXISTING SITE CONDITIONS AND SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND ALL PROPOSED IMPROVEMENTS IN THE CONSTRUCTION DRAWINGS.

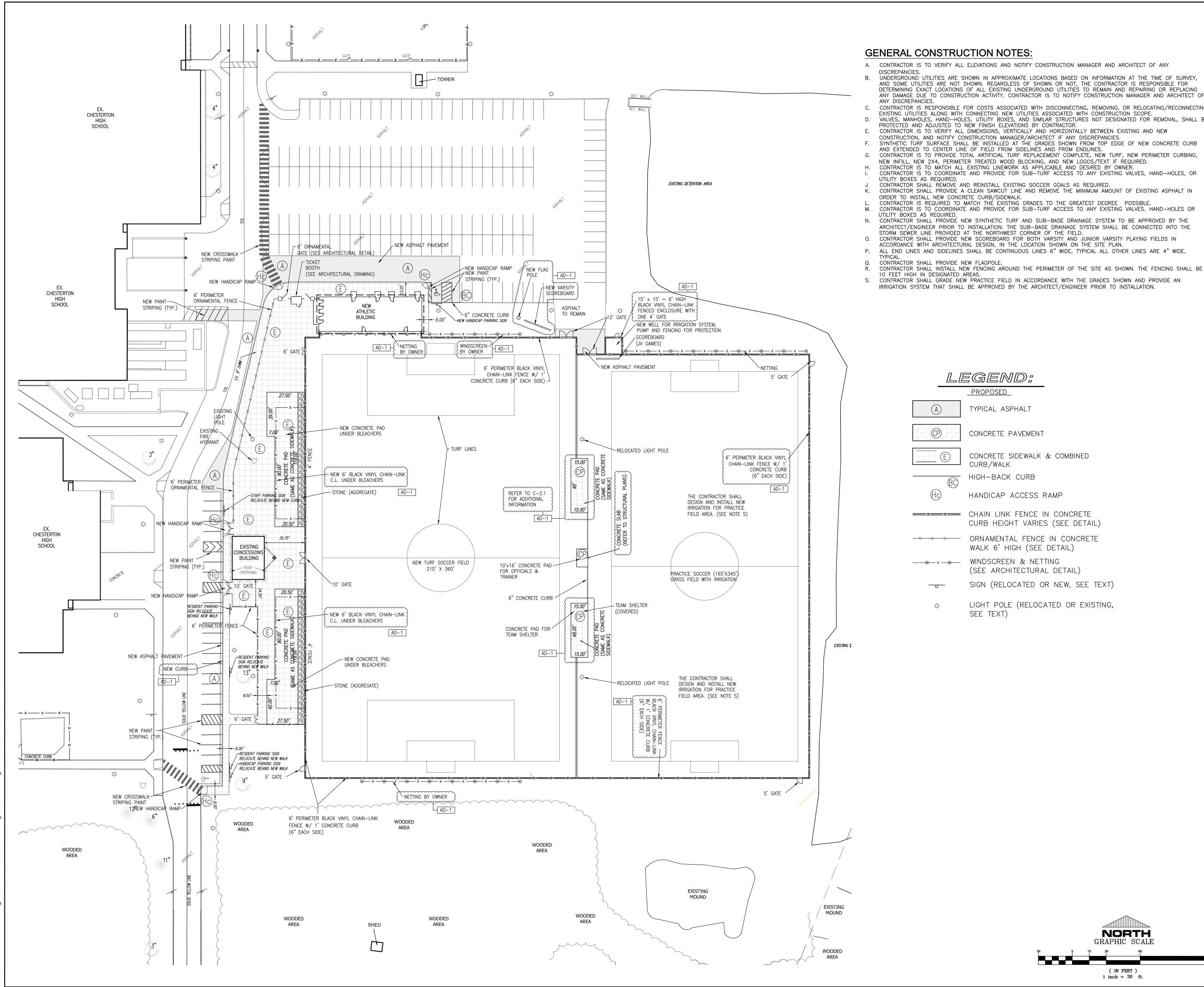
# LEGEND: 1" EXISTING PVC PIPING W/ SIZE ○ EXISTING SPRINKLER HEADS ● EXISTING CONTROL VALVE ● EXISTING GATE VALVE ● EXISTING GATE VALVE ● EXISTING PVC PIPING W/ SIZE ● EXISTING CONTROL VALVE ● EXISTING GATE VALVE ● EXISTING GATE VALVE ● BACKFLOW PREVENTER

NOTE:

1) THE LOCATION OF THE IRRIGATION SPRINKLER HEADS WAS TAKEN FROM THE ORIGNAL PLAN DESIGN BY FANNING/HOWEY ASSOCIATES, INC. FOR THE DUNELAND SCHOOL GROUP DATED APRIL 21, 1997. THE LOCATIONS ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.

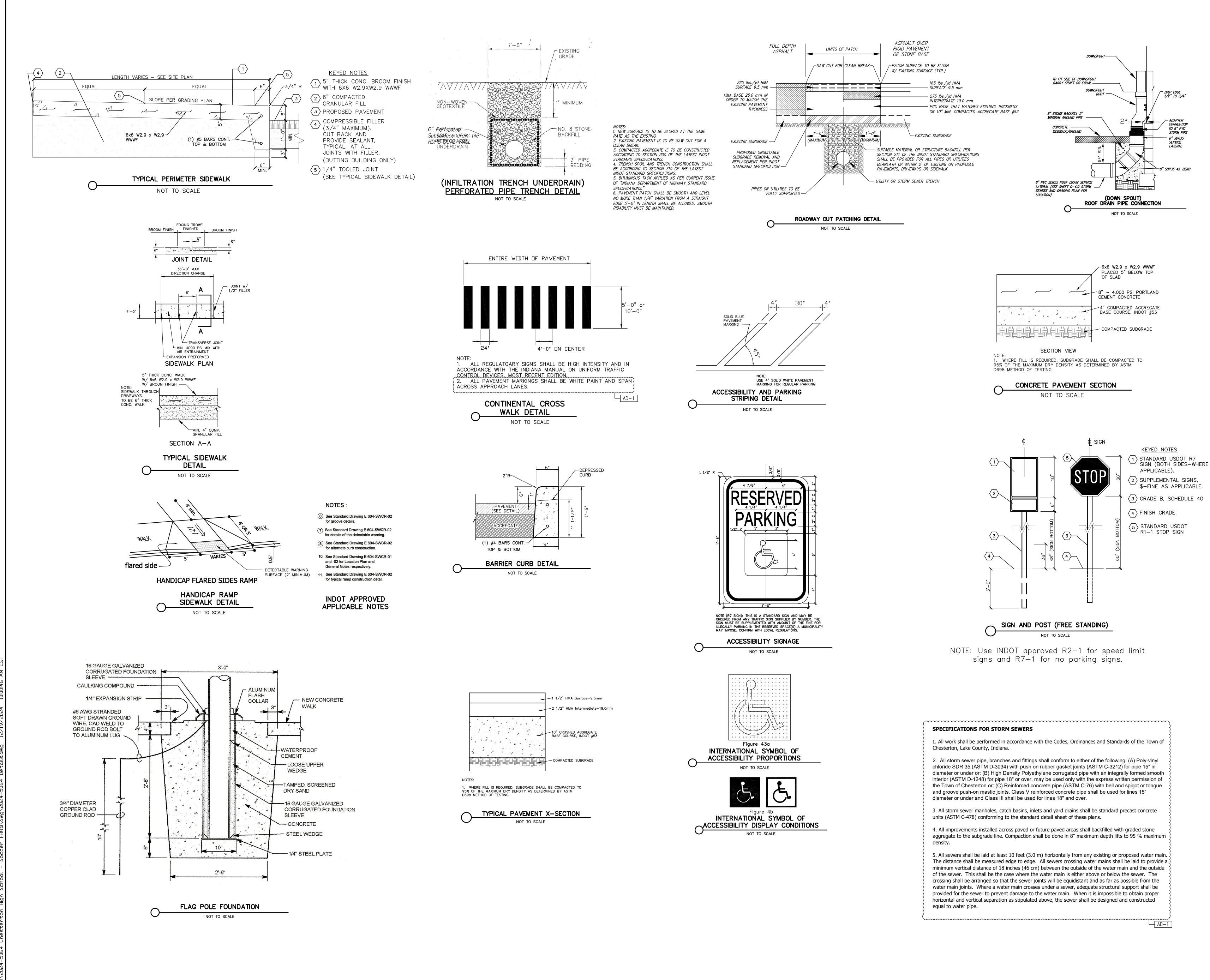


ANCIES. Y, AND MINING E DUE ANCIES. CTING L BE NAGER	G		
	Ał		DESIGN ENGINEERING • INTERIOR DESIGN
NEW I AND	SC	HEST DCCE	ERTON HS ER FIELD
	CHE	STERTON	I, INDIANA
			TAR DESIGN St., Ste. 300
	Indiano Homep Email	apolis, IN 46 bage www.Gib info@Gibraltc	260 oraltarDesign.com ırDesign.com 77 Fax 317.580.5778
	COORI DCT DRAWI	134 20/25 Dinated by	B STATE OF B STATE OF
	DCT copyrigi	HT NOTICE:	
	DOCUMENT FOR USE BE USED EXPRESS RETAIN CC	ARE THE PROPER ON THIS SPECIFIC BY ANY PERSON C WRITTEN CONSENT PIES FOR INFORMA PROJECT.	ANS, DETAILS, ETC, SHOWN ON THIS TY OF GIBRALTAR DESIGN AND WERE CREATED PROJECT. NONE OF THIS INFORMATION SHALL R FIRM FOR ANY PURPOSE WITHOUT THE OF GIBRALTAR DESIGN. THE OWNER MAY TION AND REFERENCE IN CONNECTION ONLY
	MARK AD-1	DATE	ISSUED FOR ADDENDUM NO. 1
			N PLAN
	PROJE CHE		N HS SOCCER FIELD
120	© GIBRALT.	ar design	SHEET C-1.2
			~



- B. UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS BASED ON INFORMATION AT THE TIME OF SURVEY, AND SOME UTILITIES ARE NOT SHOWN. REGARDLESS OF SHOWN OR NOT, THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXACT LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES TO REMAIN AND REPAIRING OR REPLACING ANY DAMAGE DUE TO CONSTRUCTION ACTIVITY. CONTRACTOR IS TO NOTIFY CONSTRUCTION MANAGER AND ARCHITECT OF
- D. VALVES, MANHOLES, HAND-HOLES, UTILITY BOXES, AND SIMILAR STRUCTURES NOT DESIGNATED FOR REMOVAL, SHALL B
- F. SYNTHETIC TURF SURFACE SHALL BE INSTALLED AT THE GRADES SHOWN FROM TOP EDGE OF NEW CONCRETE CURB G. CONTRACTOR IS TO PROVIDE TOTAL ARTIFICIAL TURF REPLACEMENT COMPLETE, NEW TURF, NEW PERIMETER CURBING,
- CONTRACTOR IS TO COORDINATE AND PROVIDE FOR SUB-TURF ACCESS TO ANY EXISTING VALVES, HAND-HOLES, OR
- K. CONTRACTOR SHALL PROVIDE A CLEAN SAWCUT LINE AND REMOVE THE MINIMUM AMOUNT OF EXISTING ASPHALT IN
- CONTRACTOR IS TO COORDINATE AND PROVIDE FOR SUB-TURF ACCESS TO ANY EXISTING VALVES. HAND-HOLES OR
- N. CONTRACTOR SHALL PROVIDE NEW SYNTHETIC TURF AND SUB-BASE DRAINAGE SYSTEM TO BE APPROVED BY THE ARCHITECT/ENGINEER PRIOR TO INSTALLATION. THE SUB-BASE DRAINAGE SYSTEM SHALL BE CONNECTED INTO THE
- P. ALL END LINES AND SIDELINES SHALL BE CONTINUOUS LINES 6" WIDE, TYPICAL ALL OTHER LINES ARE 4" WIDE,
- CONTRACTOR SHALL INSTALL NEW FENCING AROUND THE PERIMETER OF THE SITE AS SHOWN. THE FENCING SHALL BE S. CONTRACTOR SHALL GRADE NEW PRACTICE FIELD IN ACCORDANCE WITH THE GRADES SHOWN AND PROVIDE AN

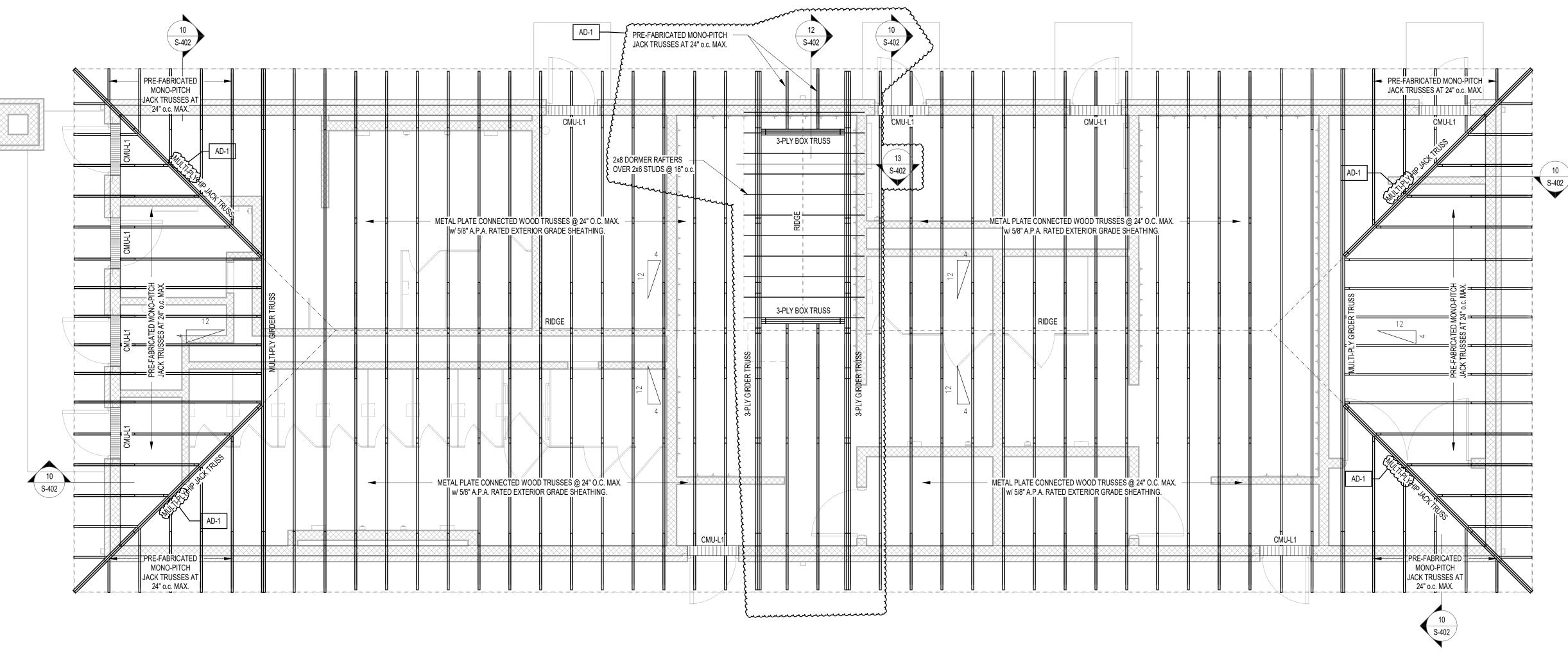
- IG BE	PROJE CH SC	CT HEST DCCE	CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRA
	9102 Indiano Homep Email Phone 24– DATE 01/2 COORI DCT DRAWN EM CHECH DCT	N. Meridian apolis, IN 46 bage www.Gib info@Gibralto 317.580.57 CCT 134 20/25 DINATED BY DCT KED BY	AraltarDesign.com arDesign.com 77 Fax 317.580.5778 C. TOANING C. TOANING C. TOANING C. TOANING No. 19868 STATE OF MDI ANA ON MOLANA
	DRAWI	ARE THE PROPER ON THIS SPECIFIC BY ANY PERSON O WRITTEN CONSENT PIES FOR INFORMA PROJECT.	ANS, DETALS, ETC, SHOWN ON THIS TY OF GIBRALTAR DESIGN AND WERE CREATED PROJECT. NONE OF THIS INFORMATION SHALL R FIRM FOR ANY PURPOSE WITHOUT THE OF GIBRALTAR DESIGN. THE OWNER MAY TION AND REFERENCE IN CONNECTION ONLY
120	PROJE CHE	STERTON	N HS SOCCER FIELD

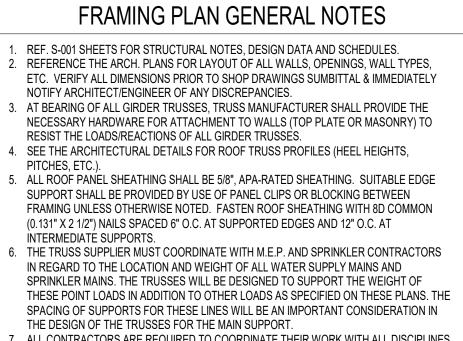


<image/> <image/> <section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header>
GIBRALTAR DESIGN         9102 N. Meridian St., Ste. 300         Indianapolis, IN 46260         Homepage www.GibraltarDesign.com         Email info@GibraltarDesign.com         Phone 317.580.5777 Fax 317.580.5778         PROJECT         24–134         DATE         01/20/25         COORDINATED BY         DRAWN BY         EM DCT         CHECKED BY         DCT         DRAWN BY         EM DCT         CHECKED BY         DCT         COPYRIGHT NOTICE:         THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS         DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED
DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED         FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL         BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE         EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY         RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY         WITH THIS PROJECT.         REVISIONS         MARK       DATE         ISSUED FOR
AD-1 02/07/25 ADDENDUM NO. 1
DRAWING DETAILS AND
SPECIFICATIONS PROJECT
CHESTERTON HS SOCCER FIELD
C-5.1

2/6/2025 1:15:44 PM C:\Users\nfeller\Deskto

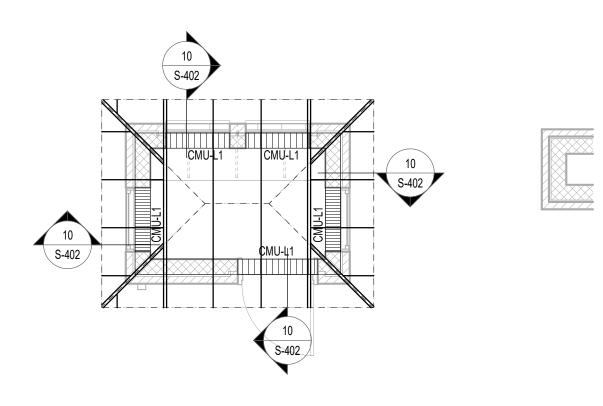
# / 1/4" = 1'-0"





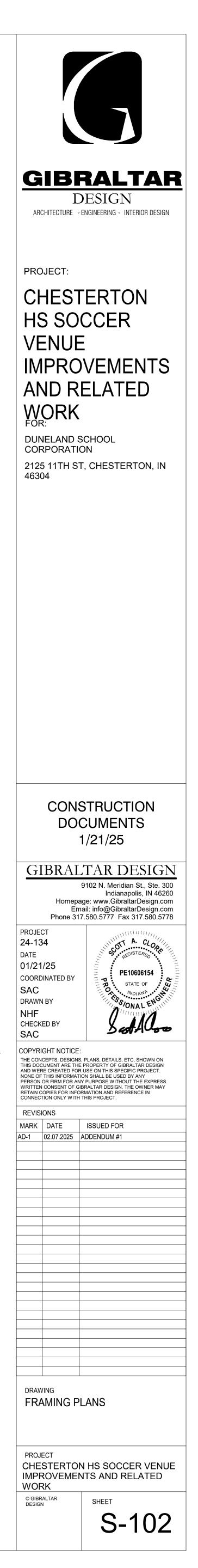
7. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.

XXXX

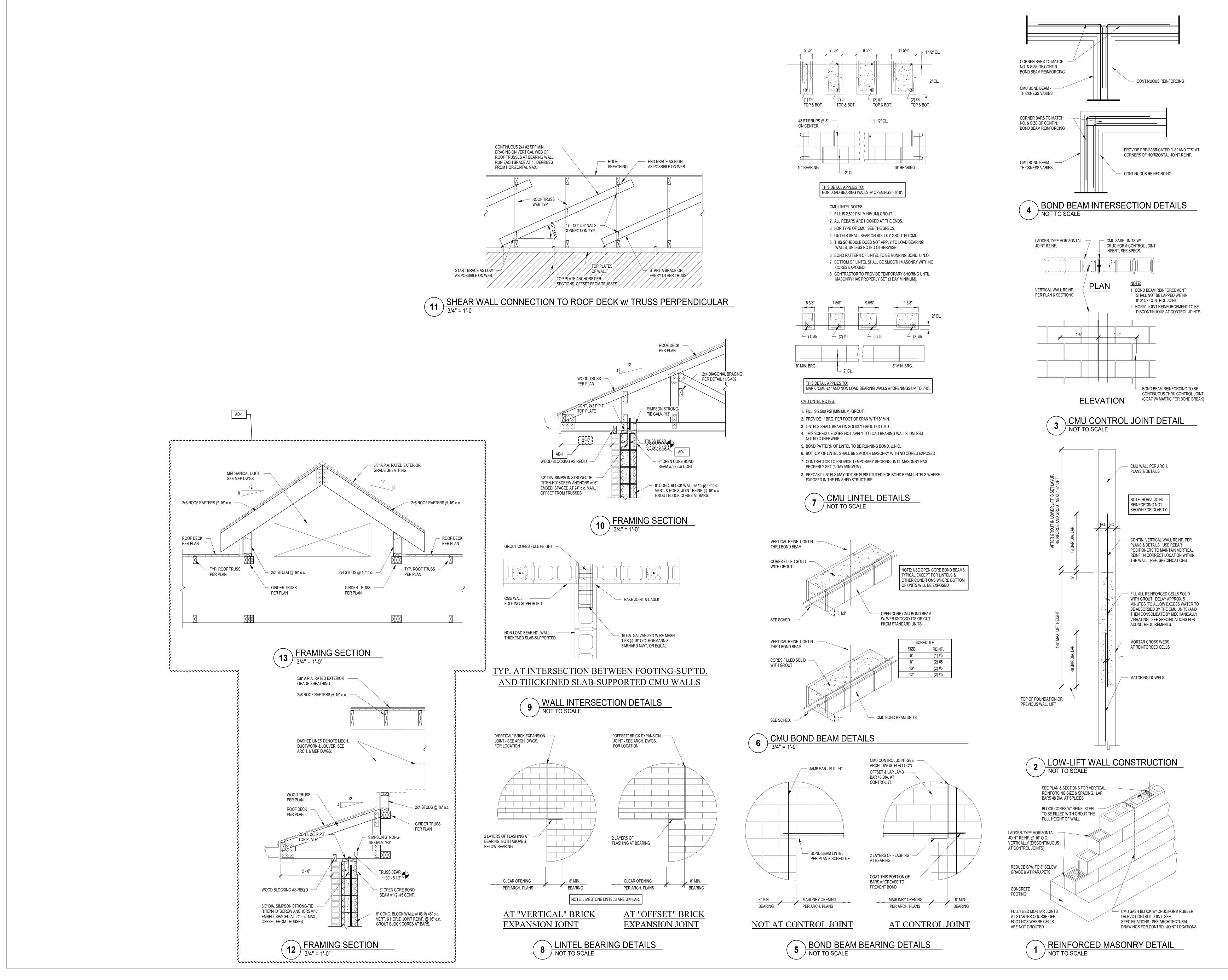




**ROOF FRAMING PLAN - ATHLETIC BUILDING** 

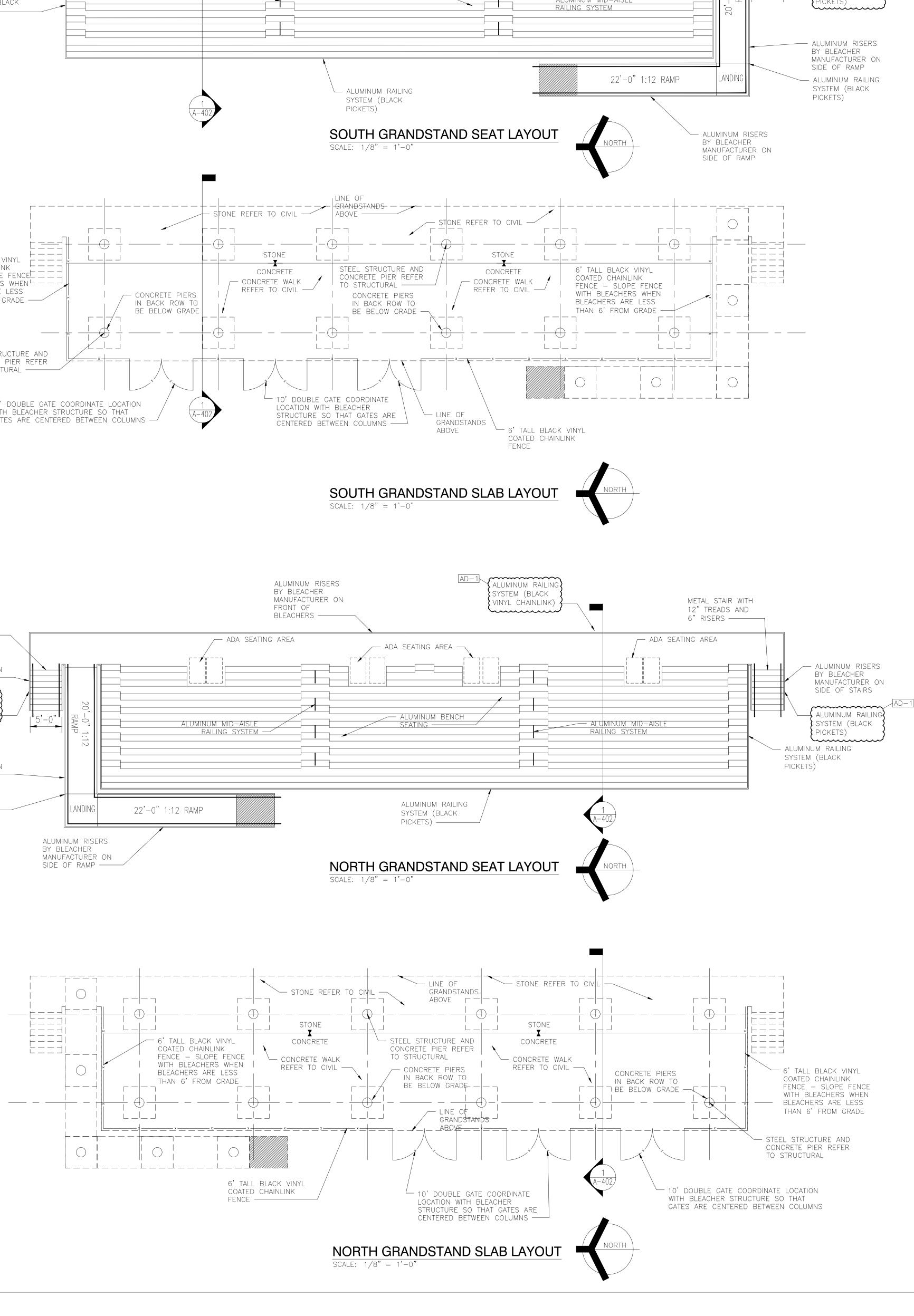


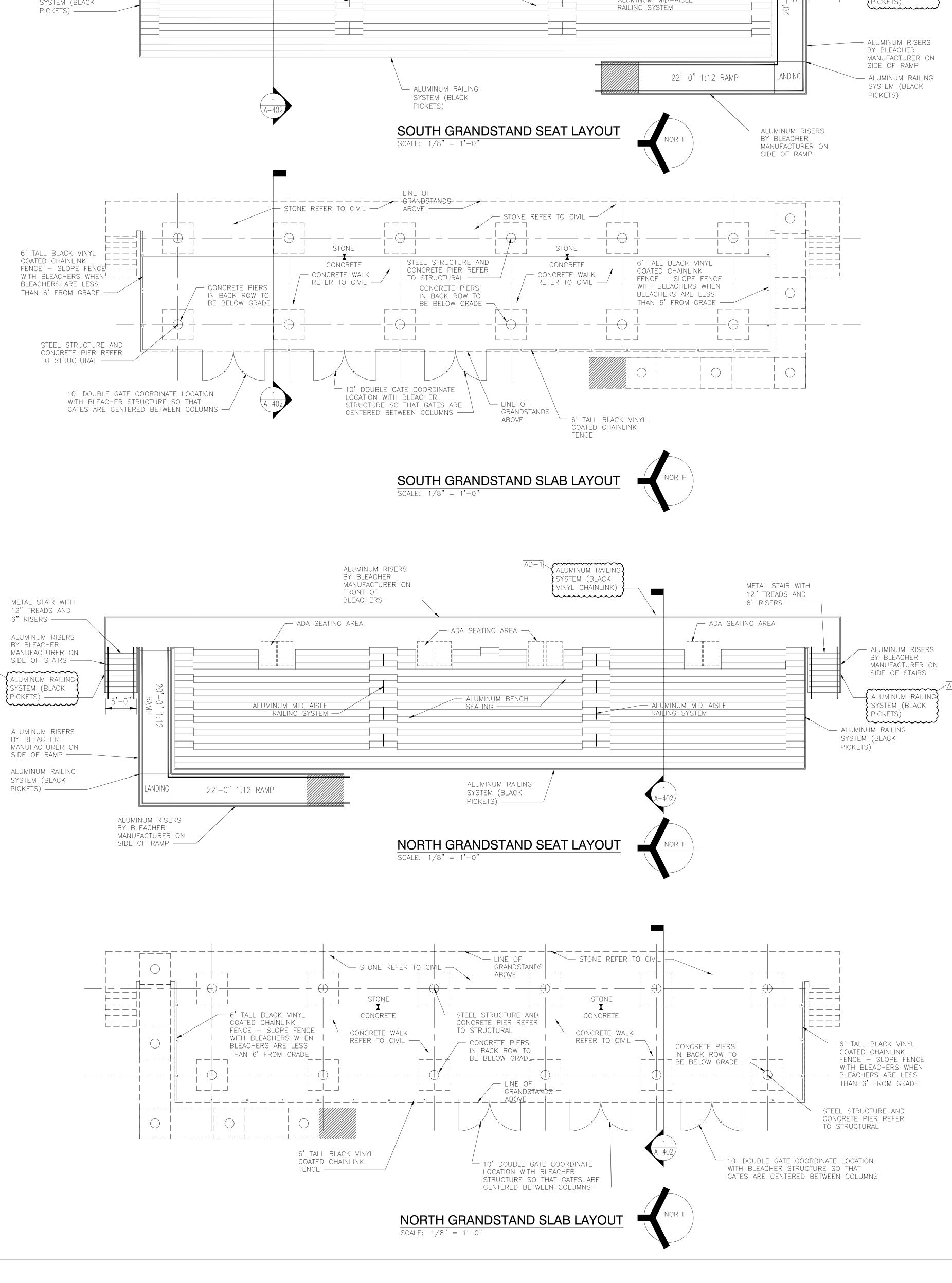


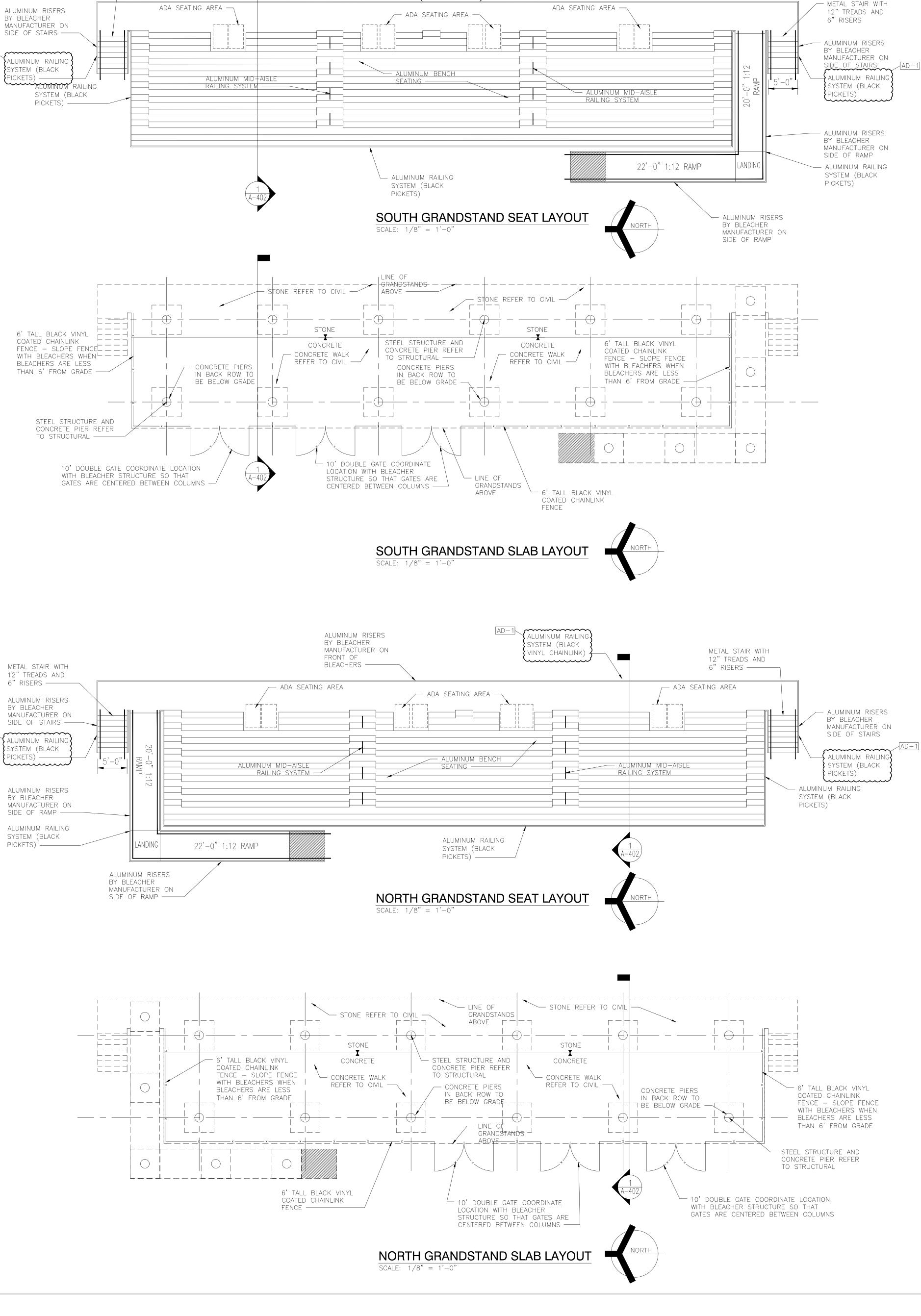




Friday, 2/7/2025 – 11:43 AM – LAST SAVED BY:DSHE Y:\24-134 DUNELAND SC – CHESTERTON HS SOCCER VENUE IMPROVEMENTS AND RELATED WORK\24-134 DRAWINGS\05 ARCH\A-102.DWG









 $\sim$ ALUMINUM RAILING

METAL STAIR WITH

6" RISERS

AD-1

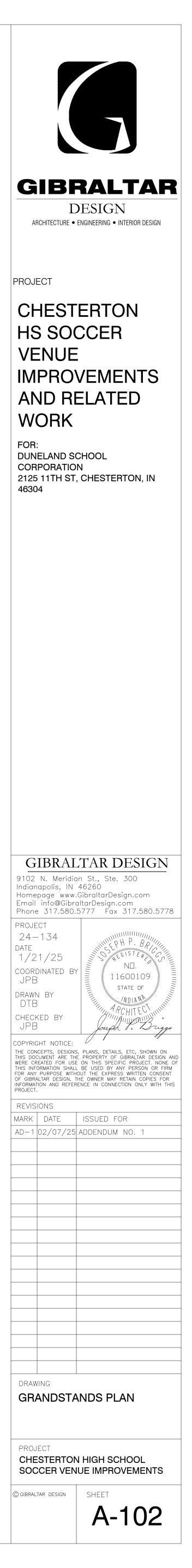
1

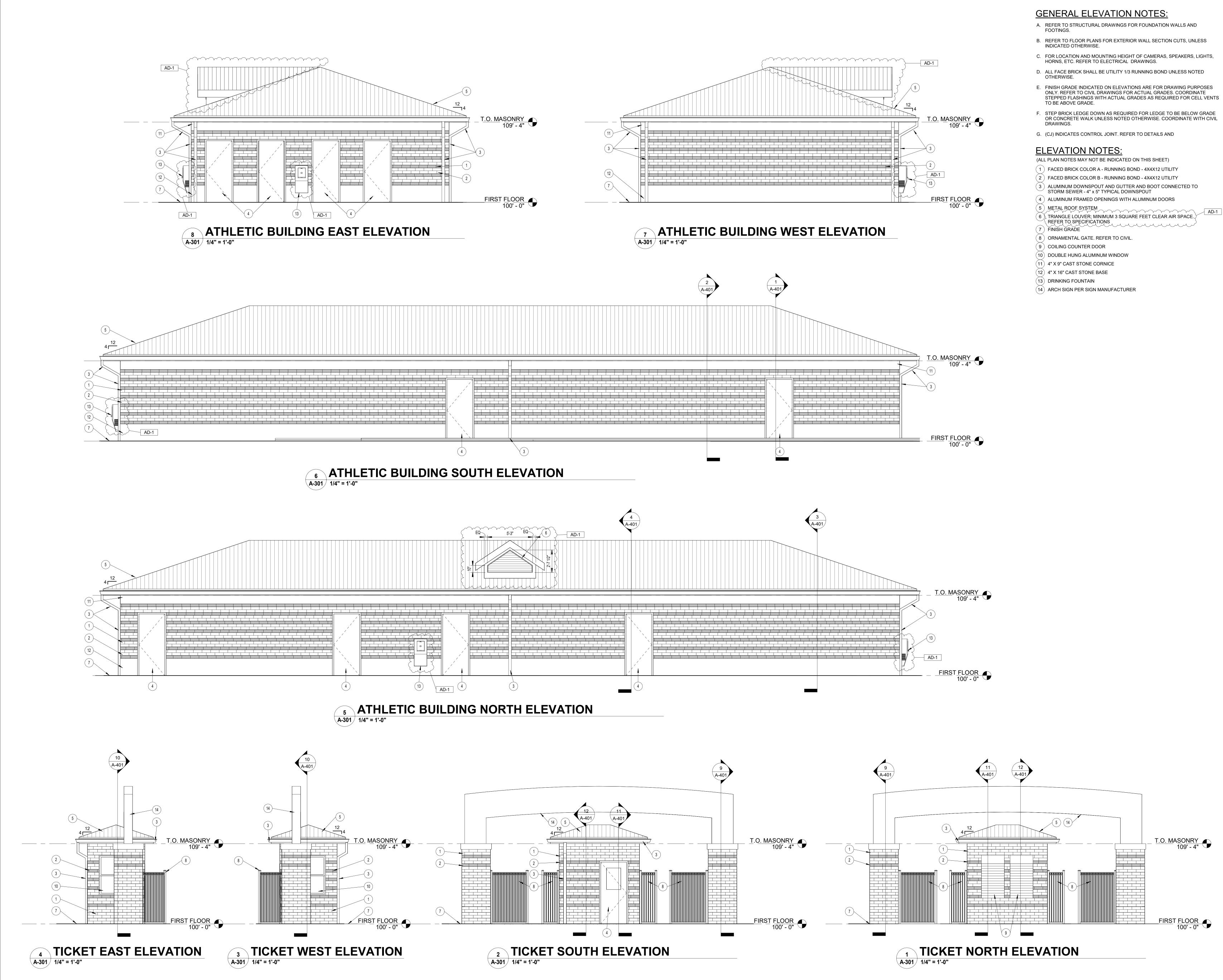
12" TREADS AND

SYSTEM (BLACK

VINYL CHAINLINK)

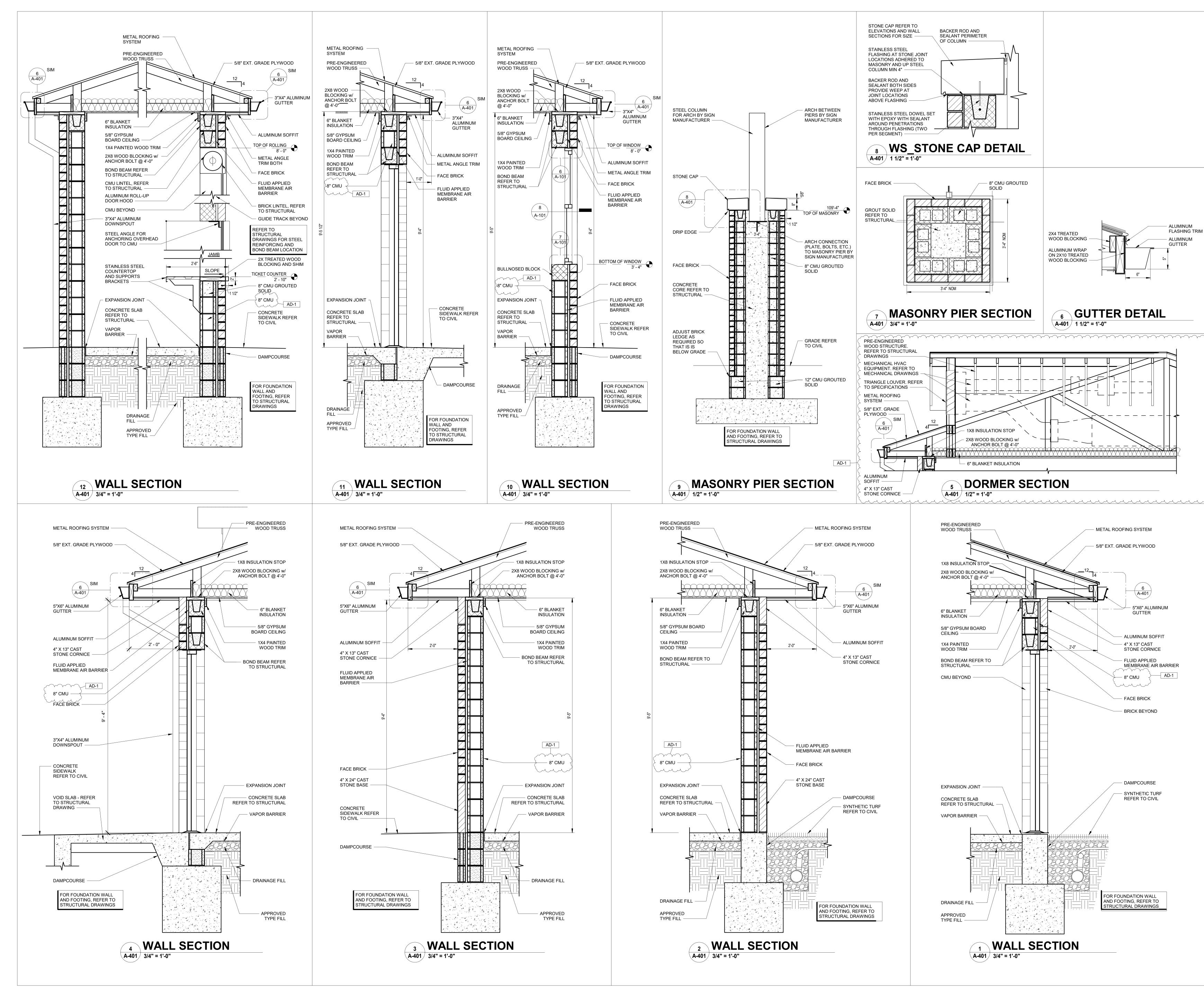
 $\sim$ 





- STEPPED FLASHINGS WITH ACTUAL GRADES AS REQUIRED FOR CELL VENTS







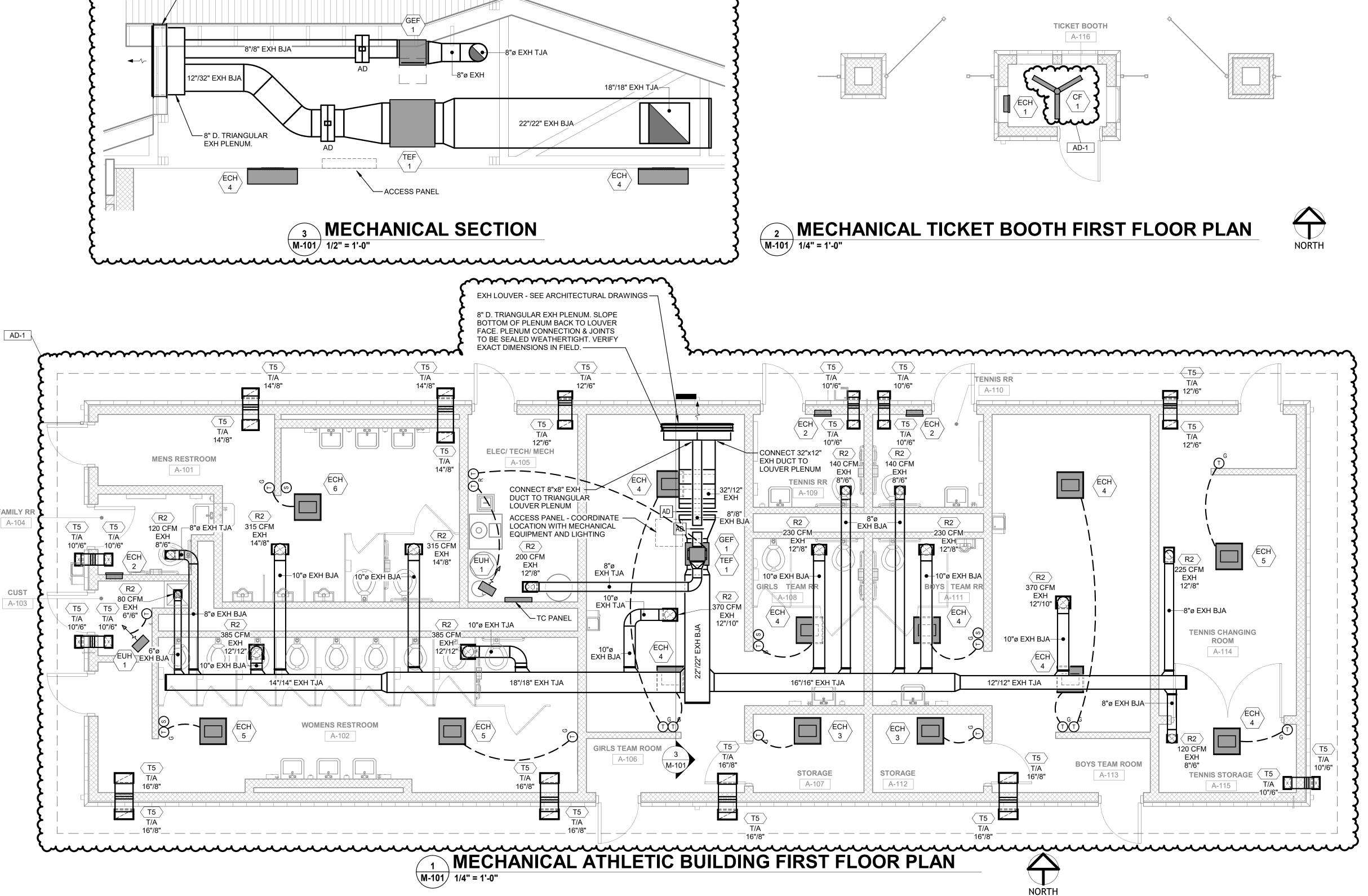
2/7/ C:\U

AD-1

ARCHITECTURAL DRAWINGS

FAMILY F A-104

> CUST A-103





Copyright © 2025 Millies Engineering Gro

A.	WORK SHALL COI
B.	COMMISSIONING: COMMISSION THE A COMMISSIONING FOR EACH COMM COMMISSIONING COMMISSIONING AND PRIOR TO CO
C.	THE SCOPE OF W PERFORMED UNE CONSTRUCTION I TO THE EXACT SO CONSTRUCTION I BROUGHT TO THE ARCHITECT/ENGI
D.	LAYOUT IS DIAGR EQUIPMENT TO M BEFORE STARTIN SPECIFICATIONS.
E.	LAYOUT WORK TO AND BUILDING ST
F.	COORDINATE EQU BEFORE ORDERIN
G.	COORDINATE EXA LIGHTING LAYOU REFLECTED CEILI VERIFY CEILING S DIFFUSERS. PRO STYLE AND TYPES AND TO PREVENT DIFFUSERS/REGIS COORDINATE WIT
H.	ROUTE DUCTWOP ROUTE DUCTWOP FIXTURES AS REC TO INSTALLATION
I.	DUCTWORK, PIPI CHORD OF ENGIN ENGINEER.
J.	FLEXIBLE DUCTW ACOUSTICAL FLE FLEXIBLE CONNE WHERE REQUIRE
K.	PROVIDE MANUAI AIR AND EXHAUS DISTRIBUTION DE SPRING LOADED RESPONSIBLE FO TESTING AND BAI
L.	SCHEDULE WORK EXISTING FACILIT OF EXISTING UTIL NOTIFY OWNER'S OF EXISTING MEC
М.	ANY HIDDEN CON BE IMMEDIATELY OTHERWISE, BE F CORRECT SAID H
N.	ADJUST NEW ROO LOCATIONS AS RI OUTSIDE AIR-INTA MAINTAIN MINIMU ANY EXHAUST OF STRUCTURAL JOI HEIGHT ROOF CU INSTALLATION BE

# **GENERAL NOTES**

OMPLY WITH LOCAL, MUNICIPAL, AND STATE HVAC CODES.

: THE OWNER WILL HIRE A COMMISSIONING AGENCY (CXA) TO E MECHANICAL SYSTEMS FOR THIS PROJECT. THE CXA WILL DEVELOP NG PLAN THAT WILL OUTLINE THE REQUIREMENTS AND PROCEDURES MISSIONED SYSTEM AND WILL BE RESPONSIBLE THAT THE MEETS THE REQUIREMENTS OF THE CURRENT ENERGY CODE. THE S PLAN WILL BE DEVELOPED AFTER CONTRACTS HAVE BEEN AWARDED COMPLETION OF THE SYSTEMS TO BE COMMISSIONED.

WORK SPECIFIED HEREIN AND IN THE SPECIFICATIONS SHALL BE IDER THE DIRECTION OF A CONSTRUCTION MANAGER. REFER TO THE MANAGER'S INSTRUCTIONS AND DIRECTIONS FOR DETAILS RELATING SCOPE OF EACH TRADE. ANY DISCREPANCIES BETWEEN THE DOCUMENTS AND CONSTRUCTION MANAGER'S DIRECTIONS SHALL BE HE ATTENTION OF THE ARCHITECT/ENGINEER FOR CLARIFICATION. THE SINEER'S DECISION SHALL BE FINAL.

RAMMATIC AND CONTRACTOR SHALL INSTALL DUCTWORK, PIPING AND MEET ACTUAL FIELD CONDITIONS. REVIEW PROJECT SPECIFICATIONS NG ANY WORK. SUBMIT SHOP DRAWINGS OF WORK AS PER

TO AVOID CONFLICTS BETWEEN DUCTWORK, LIGHTING, CEILINGS, PIPING TRUCTURE.

QUIPMENT ELECTRICAL REQUIREMENTS (VOLTAGES, PHASE, LOAD, ETC.) ING ANY EQUIPMENT.

ACT LOCATION OF CEILING REGISTERS, GRILLES AND DIFFUSERS WITH JT, SPRINKLER HEADS, AND CEILING GRID. SEE ARCHITECTURAL LING PLAN. VERIFY EXACT LOCATION IN FIELD PRIOR TO INSTALLATION. STYLES AND TYPES BEFORE ORDERING REGISTERS, GRILLES AND OVIDE APPROPRIATE FRAME STYLES AS REQUIRED TO MATCH CEILING ES. SET ADJUSTABLE BLADES AS REQUIRED FOR OPTIMUM AIR PATTERN T DRAFTS. THE MINIMUM DISTANCE BETWEEN SUPPLY ISTERS AND SMOKE OR HEAT DETECTORS IS TO BE A MINIMUM OF 3'. ITH FIRE ALARM SYSTEM AS REQUIRED.

ORK AS HIGH AS POSSIBLE TO AVOID CONFLICTS WITH OTHER TRADES. ORK BETWEEN AND THROUGH JOIST SPACES AND BETWEEN LIGHT QUIRED. VERIFY CONDITIONS AND DUCTWORK ROUTING IN FIELD PRIOR

ING, EQUIPMENT, ETC. SHALL NOT BE SUPPORTED FROM THE BOTTOM NEERED JOISTS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL

NORK SHALL BE UL LABELED FOR USE IN RETURN AIR PLENUM. EXIBLE DUCTWORK AT THE INLET TO AIR DIFFUSERS MAY BE USED. ECTIONS SHALL BE 5'-0" MAXIMUM LENGTH, AND SHALL BE SUPPORTED ED TO PREVENT MOVEMENT.

L BALANCING DAMPERS AT EACH LOW PRESSURE SUPPLY AIR, RETURN ST DUCTWORK TAKE-OFF INCLUDING TAKEOFFS TO EACH AIR EVICE. DAMPERS SHALL HAVE LOCKING QUADRANT REGULATORS WITH END BEARING. INSTALLATION SHALL BE RATTLE FREE. BE OR LOCATING BALANCING DEVICES AND COORDINATE LOCATIONS FOR ALANCING.

RK TO AVOID DOWNTIME AND INCONVENIENCE TO OWNER. OWNER'S TY SHALL REMAIN IN OPERATION AT ALL TIMES. REQUIRED SHUTDOWN ILITIES SHALL BE SCHEDULED WITH OWNER'S OPERATING PERSONNEL. S REPRESENTATIVE 48 HOURS IN ADVANCE PRIOR TO ANY SHUTDOWN CHANICAL SYSTEMS.

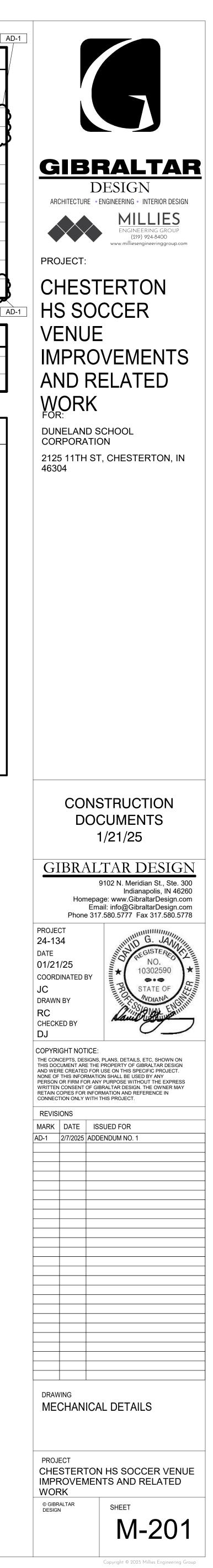
NDITIONS IDENTIFIED THROUGH THE COURSE OF CONSTRUCTION SHALL Y REPORTED IN WRITTEN FORM FOR REVIEW AND DIRECTION. RESPONSIBLE FOR ANY AND REQUIRED CHANGES AND COSTS TO HIDDEN CONDITION.

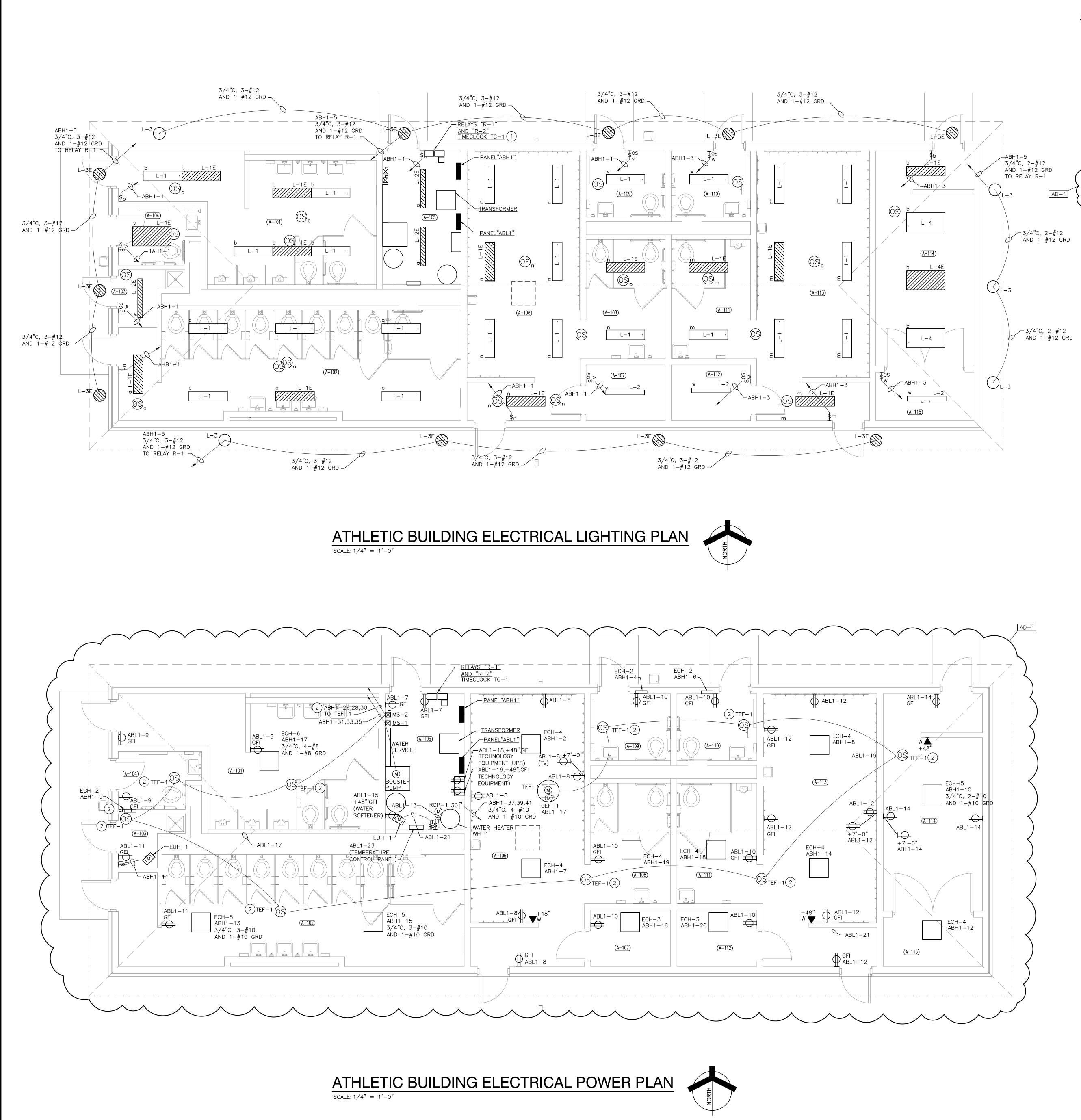
OOF-TOP EQUIPMENT LOCATIONS BEING INSTALLED ON ROOF REQUIRED TO COORDINATE WITH STRUCTURAL CONDITIONS. PROVIDE TAKE EXTENSIONS WITH DUCTWORK SUPPORTS AS REQUIRED TO UM 10 FEET CLEARANCE BETWEEN OUTSIDE AIR INTAKE OPENING AND R VENT LOCATION. COORDINATE DUCTWORK INSTALLATION BETWEEN DISTS, CEILING AND LIGHT FIXTURES AS REQUIRED. PROVIDE INCREASE URBS AS REQUIRED TO DUCTWORK TRANSITIONS TO ALLOW ETWEEN STRUCTURAL COMPONENTS, IF NECESSARY.

					FAN MO	OR DATA		EL	CTRIC HE	EATING EQUIP./COI	L DATA			ELECT	TRICAL DA	ATA						
JAG	MANUFACTURER	MODEL		CFM	ISP ESP	BHP	₩.		KW	EAL LAT	STEPS HP		D FLA	NOCP	VOLT	HASE		STARTER: PROV. BY:	UNUTS CON	TROLLEDBY	EQUIPMENT	REMARKS
EF-1	GREENHECK	SQ-12-M2-VG	SUSPENDED INLINE TOILET EXHAUST FAN	3425	0.75	1.1	2	2641					2	15	480	3	60	X	SEI	NSÓR	182	NOTE 1
EF-1	GREENHECK	CSP-A390-VG	SUSPENDED INLINE GENERAL EXHAUST FAN		0.5	0.05	0.1	1252	مب	un	m			15	120	1	60	×	تسم	SE ACT'G	36	
CH-1	OUELETTE	OAWH01502	WALL MOUNTED ELECTRICA CABINET HEATER	160				5.7	1.5		1		13	15	120	1	60	X	INTEGR	AL TSTAT	24	NOTE 2
CH-2	OUELETTE	OAWH03077	WALL MOUNTED ELECTRICA CABINET HEATER	160				10.	2 3		1		11	15	277	1	60	X	INTEGR	AL TSTAT	24	NOTE 2
CH-3	OUELETTE	ODSAU02077	CEILING MOUNTED ELECTRIC CABINET HEATER	310			1/50	1550 6.8	2		1		7	15	277	1	60	X	WALL M	TD. TSTAT	25	NOTE 3
ECH-4	OUELETTE	ODSAU03077	CEILING MOUNTED ELECTRIC CABINET HEATER	310				1550 10.	2 3		1		11		277	1	60	X	WALL M	TD. TSTAT	25	NOTE 3
CH-5	OUELETTE	ODSAU05077	CEILING MOUNTED ELECTRIC CABINET HEATER	310				1550 17			1		18		277	1	60	X		TD. TSTAT	50	NOTE 3
CH-6	OUELETTE	ODSBU07577	CEILING MOUNTED ELECTRIC CABINET HEATER	600					3 7.5		1		27		277	1	60	X		TD. TSTAT	34	NOTE 3
	OUELETTE	OHVU03077	SUSPENDED ELECTRIC UNIT HEATER	310			1/50	1550 10.	2 3		1		11	15	277	1	60	X	VVALL M	TD. TSTAT	50	NOTE 3
JH-1					$\sim$	$\sim$			$\sim$			$\sim$	$\mathbf{m}$	$\sim$	$\sim$	$\sim$	$\sim$	$\sim$		$\sim$	$\sim$	$\gamma \gamma $
CF-1	QMARK	36201	HIGH EFFICIENCY CEILING FAN	12500				395					1	15	120		60	X	WALL	SWITCH		NOTE 4
CF-1	QMARK	36201		12500				395					1					×	WALL	SWITCH		NOTE 4
CF-1	QMARK ES: PROVIDE WIT	36201 CONCECT SWITCH	HIGH EFFICIENCY CEILING FAN	12500				395											WALL	SWITCH		NOTE 4
:F-1	QMARK <u>ES:</u> PROVIDE WIT • DISCC • ECM M	36201 CONCECT SWITCH	HIGH EFFICIENCY CEILING FAN	12500				395		GRI	LLE, F				R, 8			USE	WALL	SWITCH		NOTE 4
NOT	QMARK ES: PROVIDE WIT DISCC ECM N MOTO VIBRA	36201 36201 ONNECT SWITCH MOTOR WITH POT PRIZED DAMPER TION ISOLATION F	HIGH EFFICIENCY CEILING FAN	12500			TAG R2	395 MANUF NA		MODEL 6145H-O	LLE, F	REG RIPTION EXHAUST STER		AIR PAT LOUVE GRIL	R, 8	suri	IFF MOUNTIN FACE-MC	USE IG DUNTED	ER SC SIZE		DULE	NOTE 4
<u>NOT</u> 1. SEE 2.	QMARK ES: PROVIDE WITI ODISCO ECM N MOTO VIBRA SPECIFICATIONS PROVIDE WITI NTEG DISCO	36201 36201 ONNECT SWITCH MOTOR WITH POT PRIZED DAMPER TION ISOLATION H FOR ADDITIONAL H: FRAL THERMOSTA ONNECT SWITCH	HIGH EFFICIENCY CEILING FAN TENTIOMETER SPEED CONTROLLER HANGERS L REQUIREMENTS.	12500			TAG	395 MANUF NA	ACTURER	GRI	LLE, F	REG RIPTION EXHAUST STER (HAUST/T.			R, 8 TTERN ERED LLE ERED	suri		USE IG DUNTED	ER SC SIZE		DULE REMA	NOTE 4
DF-1 NOT 1. SEE 2.	QMARK ES: PROVIDE WITI ODISCO ECM N MOTO VIBRA SPECIFICATIONS PROVIDE WITI ODISCO SPECIFICATIONS PROVIDE WITI ODISCO SPECIFICATIONS	36201 36201 ONNECT SWITCH MOTOR WITH POT PRIZED DAMPER TION ISOLATION H FOR ADDITIONAL H: SRAL THERMOSTA ONNECT SWITCH FOR ADDITIONAL	HIGH EFFICIENCY CEILING FAN	12500			TAG R2	395 MANUF NA		MODEL 6145H-O	DESCR RETURN/ RETURN/EX GRI	REG RIPTION EXHAUST STER (HAUST/T. ILLE		AIR PAT LOUVE GRIL LOUVE	R, 8 TTERN ERED LLE ERED	suri	IFF MOUNTIN FACE-MC	USE IG DUNTED	SEE PLANS	SWITCH CHEC CHEC S PROVIDE COLOR F	DULE REMA	RKS

SYMBOL	DESCRIPTION
	SQUARE TO ROUND TRANSITION
	NEW DUCTWORK
Ĥ	DUCT TRANSITION
	FLEXIBLE DUCTWORK
X	SUPPLY OR OUTSIDE AIR DUCT DOWN
$\boxtimes$	SUPPLY OR OUTSIDE AIR DUCT UP
<u>`</u>	RETURN OR EXHAUST OR RELIEF DUCT DOWN
	RETURN OR EXHAUST OR RELIEF DUCT UP
	RETURN OR EXHAUST REGISTER
$\bowtie$	SUPPLY AIR DIFFUSER
AD	AUTOMATIC (MOTORIZED) DAMPER
$\bigcirc$	SEE SCHEDULES
$\bigcirc$	SHEET NOTE
T	THERMOSTAT - ADJUSTABLE
$(\mathbf{T})^{G}$	THERMOSTAT W/ COVER GUARD
S	SPACE TEMPERATURE SENSOR

- CH CABINET HEATER DN. DOWN DS DISCONNECT SWITCH
- EAT ENTERING AIR TEMPERATURE EDB ENTERING DRY BULB TEMPERATURE
- ESP EXTERNAL STATIC PRESSURE EWB ENTERING WET BULB TEMPERATURE
- EXH EXHAUST
- FC FLEXIBLE CONNECTION FPM FEET PER MINUTE GEF GENERAL EXHAUST FAN HP HORSE POWER
- HZ HERTZ
- LAT LEAVING AIR TEMPERATURE LDB LEAVING DRY BULB TEMPERATURE
- LV LOUVER MBH 1,000 BTU/HOUR MD MANUAL DAMPER
- MUA MAKEUP AIR NK NECK
- O/A OUTSIDE AIR OAI OUTSIDE AIR INTAKE R/A RETURN AIR
- RPM REVOLUTIONS PER MINUTE
- S/A SUPPLY AIR T/A TRANSFER AIR TC TEMPERATURE CONTROL TEF TOILET EXHAUST FAN
- TJA THRU JOIST ABOVE
- TSP TOTAL STATIC PRESSURE TYP TYPICAL UH UNIT HEATER





# **GENERAL NOTES:**

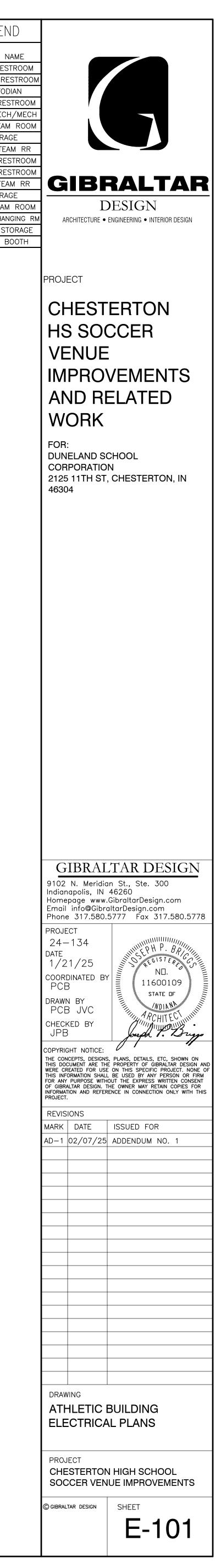
- 1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
- SEE E-600 SHEETS FOR ELECTRICAL DETAILS, SCHEDULES AND ELECTRICAL DISTRIBUTION DIAGRAMS.
- 3. SEE TECHNOLOGY DRAWINGS FOR ADDITIONAL WORK. ROUTE ALL TECHNOLOGY CABLING IN CONDUIT. VERIFY EXACT LOCATIONS AND ELECTRICAL REQUIREMENTS WITH THE TECHNOLOGY INSTALLER, ARCHITECT, CONSTRUCTION MANAGER AND OWNER PRIOR TO ROUGHING-IN.

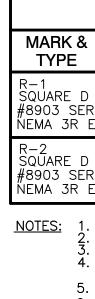
## **ELECTRICAL PLAN NOTES:** (THESE NOTES APPLY TO THIS SHEET ONLY)

(1) TORK DZS200BP TWO CHANNEL DIGITAL TIMECLOCK TC-MB1. (ABH1-5). CHANNEL ONE CONTROLS RELAY R-1 (BUILDING SECURITY LIGHTS) AND CHANNEL TWO CONTROLS RELAY R-2 (ELAG POLE LIGHT).

2 OCCUPANCY SENSOR TO CONTROL EXHAUST FAN TEF-1. PROVIDE LABELING ON SENSOR "TEF-1 ABL1-17. PROVIDE THE APPROPRIATE WIRING SO THAT WHEN ANY OF THE OCCUPANCY SENSORS SENSES OCCUPANCY, IT TURNS ON THE MOTOR STARTER CONTROLING TEF-1. ······

ROOM	M LEGEN
ROOM NO.	ROOM N
A-101	MENS RES
A-102	WOMENS RE
A-103	CUSTO
A-104	FAMILY RES
A-105	ELECT/TECI
A-106	GIRLS TEAM
A-107	STORA
A-108	GIRLS TEA
A-109	TENNIS RE
A-110	TENNIS RE
A-111	BOYS TEA
A-112	STORA
A-113	BOYS TEAM
A-114	TENNIS CHAN
A-115	TENNIS ST
A-116	TICKET E





MARK &
SFR-1 MUSCO
SFR-2 MUSCO
SFR-3 MUSCO
SFR-4 MUSCO

8. ALTERNATE BID.

	MOTOR STARTER SCHEDULE										
	MARK	IARK ITEM NEMA SIZE		HP	ROOM NO.		TROL	SEE NOTES			
	MS-1	BOQSTER PUMP	0	7	A 1.0.5	ENCL.	REMOTE	1,2,3,5,7,8			
AD-1	MS-2		$\sim \sim $	$\frac{\gamma}{2}$	A-105	SA SA		1,2,3,5,7,8			
(					A=103						
	<u>NOTES:</u>	1. MOTOR STARTERS SHALL BE 2. MOTOR STARTERS SHALL H	E 3–POLE AVE 480/1	COMBINA 20 VOLT	ATION TYP CONTRO	PE WITH	NEMA JIT TRAN	1 ENCLOSURE. ISFORMER WITH			
		CONTROL CIRCUIT FUSES. 3. MOTOR STARTERS SHALL HA 4. 120 VOLT MOMENTARY CON	AVE 120 V			0 VOLT		CTS. BUTTON; T2=HI-LO			
		TEST PUSH BUTTON; PO2= 5. 120 VOLT MAINTAINED CON	HI-LO-OFF TACT SELE	<del>.</del> Ctor sw							

# ATHLETIC BUILDING LIGHTING RELAY SCHEDULE

&	ITEM	CONTROLLED CIRCUIT(S)	COIL CKT.	COIL VOLT	ROOM NO.	CONTACTS	SELECTOR SWITCH	CONTROL	SEE NOTES
D SERIES W/ R ENCLOS.	BUILDING SECURITY LIGHTS	ABH1-5	ABH1-1	277	105	N.O.	НОА	TIMECLOCK	1,2,4,5,6
D SERIES W/ R ENCLOS.	FLAG POLE LIGHT	ABH1-5	ABH1-5	277	105	N.O.	HOA	TIMECLOCK	1,2,4,5,6

<u>NOTES:</u> 1. FURNISH NEMA 1 ENCLOSURE WITH HINGED COVER UNLESS OTHERWISE NOTED.
 2. ELECTRICALLY HELD.
 3. MECHANICALLY HELD.
 4. PROVIDE SELECTOR SWITCH IN RELAY ENCLOSURES WITH LOOP AND BRIDLE STRAPS FROM MAIN DEPARTMENT TO HINGED COVER FOR SELECTOR SWITCHES.
 5. FURNISH FUSE PROTECTION FOR COIL CIRCUIT.
 6. ALL RELAYS AND SELECTOR SWITCHES SHALL BE PREWIRED BY MANUFACTURER.

	SOC	CER FIELD	LIGHT	ING R	ELAY	SCHEDU	JLE		
ι.	ITEM	CONTROLLED	COIL CKT.	COIL VOLT	ROOM NO.	CONTACTS	SELECTOR SWITCH	CONTROL	SEE NOTES
	SOCCER FIELD LIGHTS (POLE #1)	VSCFH-7.9.11	1VL1-40	120	SOCCER PRESSBOX	N.O.	HOA	ON-OFF	1,2,4,5,6,7,8
	SOCCER FIELD LIGHTS (POLE #2)	VSCFH-8,10,12	1VL1-40	120	SOCCER PRESSBOX	N.O.	HOA	ON-OFF	1,2,4,5,6,7,8
	SOCCER FIELD LIGHTS (POLE #3)	VSCFH-13,15,17	1VL1-40	120	SOCCER PRESSBOX	N.O.	HOA	ON-OFF	1,2,4,5,6,7,8
	SOCCER FIELD LIGHTS (POLE #4)	VSCFH-14,16,18	1VL1-40	120	SOCCER PRESSBOX	N.O.	HOA	ON-OFF	1,2,4,5,6,7,8

NOTES: 1. FURNISH NEMA 3R ENCLOSURE WITH HINGED COVER UNLESS OTHERWISE NOTED.
 2. ELECTRICALLY HELD.
 3. MECHANICALLY HELD.
 4. PROVIDE SELECTOR SWITCH IN RELAY ENCLOSURES WITH LOOP AND BRIDLE STRAPS FROM MAIN DEPARTMENT TO HINGED COVER FOR SELECTOR SWITCHES.
 5. FURNISH FUSE PROTECTION FOR COLL CIRCUIT.
 6. ACCESSORY 47 TWO WIRE CONTROLS.
 7. ALL BELAYS AND SELECTOR SWITCHES.

7. ALL RELAYS AND SELECTOR SWITCHES SHALL BE PREWIRED BY MANUFACTURER.

SO2=HI-LO-OFF; SA=HAND-OFF-AUTOMATIC. 6. PILOT LIGHTS SHALL BE FURNISHED WITH ALL REMOTE CONTROL UNITS. 7. MOTOR STARTERS SHALL BE SINGLE SPEED. 8. MOTOR STARTER SHALL HAVE ONE NORMALLY OPEN CONTACT.

SFL-1/S1 SFL-2/S2 SFL-3/S3 SFL-4/S4

TYPE

1 - 3F

	$\sim\sim\sim\sim\sim$	$\sim$	$\sim$	$\sim$	$\sim$	$\sim$	$\sim$	$\sim$	
Ź	HESTERTON HIGH	SCHO	OL A	THLE	TIC E	BUILD	DING	LIGH	ITING FIXTURE SCHEDULE
	MANUFACTURERS	VOLTAGE	LIGHT SOURCE	MINIMUM LUMENS	DEGREE K.	MAXIMUM WATTAGE	DIMMING	MOUNTING	DESCRIPTION
	LITHONIA CPX-1X4-5000LM-80CRI-40K-SWL-MIN MVOLT-1X4SMKSH METALUX 14FP264OC-FPXSURF14 COLUMBIA CFP14-55/41/3980-SRPSMK-14	N1-ZT- 120/277	LED	4000 (5086/4226 /3980/ 4375)	4000	39.2/ 38.83/31	0-10V 1% DIMMING	SURFACE	1X4 SURFACE MOUNTED LED FLAT PANEL TYPE LIGHTING FIXTURE WITH MOUNTING KIT AND LED DIMMING DRIVER.
	LITHONIA CPX-1X4-5000LM-80CRI-40K-SWL-MIN MVOLT-E10WCP-1X4SMKSH METALUX 14FP264OC-FPXSURF14 COLUMBIA CFP14-55/41/3440-PLD10M-SRPSMI		LED	4000 (5086/4226 /3980/ 4375)	4000	39.2/ 38.83/31	0-10V 1% DIMMING	SURFACE	1X4 SURFACE MOUNTED LED FLAT PANEL TYPE LIGHTING FIXTURE WITH MOUNTING KIT, LED DIMMING DRIVER AND INTEGRAL EMERGENCY BAT UNIT WITH SELF DIAGNOSTIC FEATURE.
	METALUX 4SNLED-LD5-33SL-LW-UNV-L840-CD1 COLUMBIA MPS4-40MW-CW-ED-U LITHONIA ZL1D-L48-5000LM-FST-MVOLT-40K-80 WH		LED	3504/3702/ 4028	4000	28/30.4/30	NONE		4' PENDANT MOUNTED INDUSTRIAL LIGHTING FIXTURE WITH LENSED AN DISTRIBUTION
	METALUX 4SNLED-LD5-33SL-LW-UNV-L840-CD1 EL14WST COLUMBIA MPS4-40MW-CW-ED-U-ELL14ST LITHONIA ZL1D-L48-5000LM-FST-MVOLT-40K-80 WH-EL14ST		LED	3504/3702/ 4028	4000	28/30.4/30	NONE		4' PENDANT MOUNTED INDUSTRIAL LIGHTING FIXTURE WITH LENSED, W DISTRIBUTION AND INTEGRAL EMERGENCY BATTERY UNIT WITH SELF- DIAGNOSTIC FEATURE.
	HALO PD6-30-D010-PDM6A-840-61V-C LITHONIA LDN6-40/30-L06AR-LSS-TRW-MVOLT-	GZ1	LED	2963/ 3033.9	4000	36.4/34.69	0-10V		6" ROUND RECESSED MOUNTED DOWNLIGHT WITH CLEAR ALZAK REFLEG AND MULTI-VOLT LED DIMMING DRIVER. UL LISTED FOR DAMP LOCATIC FIXTURE SHALL BE IC RATED.
	HALO HC6-30-D010-HM6-3040-840-61WD-C-IEN LITHONIA LDN6-40/30-L06AR-LSS-TRW-MVOLT- ELRSD	-	LED	2963/ 3033.9	4000	36.4/34.69	0-10V		6" ROUND RECESSED MOUNTED DOWNLIGHT WITH CLEAR ALZAK REFLEG MULTI-VOLT LED DIMMING DRIVER AND INTEGRAL BATTERY UNIT WITH DIAGNOSTIC FEATURE. UL LISTED FOR DAMP LOCATIONS. FIXTURE SHAL RATED.
	LITHONIA CPX-2X4-5000LM-80CRI-40K-SWL-MIN MVOLT-2X4SMKSH METALUX 24CGTX-55-L840-HCD1-SK-24-WS COLUMBIA SRP24-40-ML-G-ED1-U-PSMK-24	N1-ZT- 120/277	LED	4800 (5193/5412 /4934)	4000	45 (40/44.1/ 45)	0-10V 1% DIMMING	SURFACE	2X4 SURFACE MOUNTED LED FLAT PANEL TYPE LIGHTING FIXTURE WITH DIMMING DRIVER AND SURFACE MOUNTING KIT.
	LITHONIA CPX-2X4-5000LM-80CRI-40K-SWL-MIN EZT-MVOLT-E10WCP-2X4SMKSH METALUX 24CGTX-55-L840-HCD1-EL10WSD COLUMBIA SRP24-40-ML-G-ED1-U-ELL14ST-PSN		LED	4800 (5193/5412 /4934)	4000	45 (40/44.1/ 45)	0-10V 1% DIMMING		2X4 SURFACE MOUNTED LED FLAT PANEL TYPE LIGHTING FIXTURE WITH DIMMING DRIVER, SURFACE MOUNTING KIT AND INTEGRAL/EXTERNAL EMERGENCY BATTERY UNIT WITH SELF DIAGNOSTIC FEATURE.
	LITHONIA ARC2-LED-P3-40K-MVOLT-E4WH-CBA LUMARK AXCS1A-C-CBA-CBP	120/277	LED	1800 (3387/ 1806)	4000	24 (24/14)	NONE		WALL MOUNTED OUTDOOR WEATHERPROOF CUTOFF TYPE LIGHTING FI WITH LED LAMPS, LED DRIVER AND COLD WEATHER EMERGENCY BATTE UL LISTED FOR WET LOCATIONS. COLOR TO BE SELECTED BY THE ARCHIT
	FC OUTDOOR LIGHTING FCFF1109-UNV-4K-CRI90 CCE-40-LD-CV9-FE6	)-73L- 277	LED	3620 LUMENS	4000	26 WATTS		POLE	BRACKET MOUNTED TO SCOREBOARD SUPPORT STRUCTURE.
	RELOCATED SITE LIGHITNG FIXTURE AND POLE							POLE	RELOCATED LIGHTING FIXTURE AND POLE ON NEW CONCRETE BASE.

# CHESTERTON HIGH SCHOOL SOCCER FIELD LIGHTING FIXTURE SCHEDULE

SFL-1/S1	MUSCO TLC-LED-1500	480	LED	181,000	4000	1500		POLE	SEVEN (7) MUSCO TLC-1500 LED LIGHTING FIXTURES AND CROSS ARMS
				LUMENS		WATTS			MOUNTED ON RELOCATED POLES TO BE MOUNTED ON NEW POLE BASES
SFL-2/S2	MUSCO TLC-LED-1500	480	LED	181,000 LUMENS	4000	1500 WATTS		POLE	SEVEN (7) MUSCO TLC-1500 LED LIGHTING FIXTURES AND CROSS ARMS MOUNTED ON RELOCATED POLES TO BE MOUNTED ON NEW POLE BASES
SFL-3/S3	MUSCO TLC-LED-1500	480	LED	181,000 LUMENS	4000	1500 WATTS		POLE	EIGHT (8) MUSCO TLC-1500 LED LIGHTING FIXTURES AND CROSS ARMS MOUNTED ON EXISTING POLES.
SFL-4/S4	MUSCO TLC-LED-1500	480	LED	181,000 LUMENS	4000	1500 WATTS		POLE	EIGHT (8) MUSCO TLC-1500 LED LIGHTING FIXTURES AND CROSS ARMS MOUNTED ON EXISTING POLES.
NOTE: ANY SI	UBMITTED EQUALS MUST INLCUDE DATA S	HEETS, FULL SIZE DRAWING	S SHOWING	FOOTCANDL	ES AND ALL	APPROPRIAT	E INFORMAT		ING COMPLIANCE WITH DESIGN CRITERIA AND BE SUBMITTED AND APPRO

FOJECT CHESTERTON HS SOCCER VENUE IMPROVEMENTS AND RELATED
WORK FOR: DUNELAND SCHOOL CORPORATION 2125 11TH ST, CHESTERTON, IN 46304
GIBRALTAR DESIGN         9102 N. Meridian St., Ste. 300         Indianapolis, IN 46260         Homepage www.GibraltarDesign.com         Phone 317.580.5777 Fax 317.580.5778         PROJECT         24-134         DATE         1/21/25       ND.         COORDINATED BY         PCB       ND.         DRAWN BY         PCB/JVC       CHECKED BY         JPB         COPYRIGHT NOTICE:         THE concepts, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON         THE concepts of gibraltar DESIGN AND
THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRATAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT. REVISIONS MARK DATE ISSUED FOR AD-1 02/07/25 ADDENDUM NO. 1 
DRAWING ELECTRICAL SCHEDULES PROJECT CHESTERTON HIGH SCHOOL SOCCER VENUE IMPROVEMENTS © GIBRALTAR DESIGN SHEET E-601

CH	IES'	TER	TON			HOOL	SO	CCE	R FIE	LD F	ANE	LBOA	RD	SCH	IED	ULE	] /	
MARK & TYPE				REM/	ARKS												] (	MARK & TYP
"1VL1"				EXISTIN	NG SQU	ARED	QOB F	ANELE	BOARD								1 \	"ABL1"
TYPE: EXISTING SQU/ 120/208V, 3 PH, 4W 100 AMP MAIN BREAK NEMA 1		NQOE	8															TYPE: SQ D NQ ( 120/208V, 3 PH, 4 100 AMP MAIN B NEMA 1
SURFACE MOUNTED				SERVE					D 30 KV		SEORME	FR					/	SURFACE MOUN
DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	A	В	C	HEAT	-	FUTR		TRIP	CIR	DESCRIPTION	4 \	DESCRIPTION
RECP (NEW UPS)	1	1	20		1.50	LQOI	1.50			112/11	700	1 Unix		TT MI				SPARE
			20		1.00	0.10	0.10						1	20	2	SOCCER FIELD CCTV CAMERAS		SPARE
SPARE	3	1	20														1 /	SPARE
					0.36	0.10		0.46					1	20	4	SOCCER FIELD RECPS AND CCTV CAMERAS		SPARE
SPARE	5	1	20													SOCCER FIELD	] (	A 105 RECPS
					0.72				0.72				1	20	6	RECPS		A101,104 RECPS
PRESS BOX LIGHTS	7	1	20	0.52			0.52						L					1
				0.50		1.50	1.50	0.75					1	20	8	SOCCER SOUND	1	A102,103 RECPS
STORAGE LIGHTS	9	1	20	0.52	0.36			0.52					4	20	10	PRESS BOX RECPS	/	
CONCESSIONS		-	1		0.30			0.36						20	10	FRESS BUX REUPS		RECIRCULATING
LIGHTS	11	1	20	0.77					0.77	1								PUMP RCP-1 (1/6
					0.36				0.36	1	1		1	20	12	PRESS BOX RECPS	1 >	RECP (WATER
EXTERIOR LIGHTS	13	1	20	0.40			0.40										ert	SOFTENER)
																CONCESSIONS RECP	1 (	CONTENEN
					1.50		1.50						1	20	14	(POPCORN MACHINE)		
EF-V1 (1/10 HP)	15	1	20	3		0.38		0.38									/	GEF-1 (0.1 HP)
					1 50			1 50					4	20	10	CONCESSIONS RECP		
WATER HEATER	17	2	30		1.50	2.50		1.50	2.50					20	10	BETWEEN WINDOWS	+	SDARE
	17	<u> </u>	30			2.00			2.00		+	+				CONCESSIONS RECP	1 (	SPARE
										1						(EAST WALL NORTH		SPARE
					1.50				1.50	1			1	20	18	END)		
	19	$\geq$	$\geq$			2.50	2.50										1 /	A 105 TEMPERAT
																CONCESSIONS GFI	1 (	CONTROL PANEL
																RECP (WEST WALL		
CDADE	04	4	00		1.50	1 50	1.50	4.50					1	20	20	NORTH END)	/	SPARE
SPARE	21	1	20			1.50		1.50								CONCESSIONS GFI	+ (	SPARE
												1				RECP (NORTH WALL		
					1.50			1.50					1	20		SOUTH)	(	SPARE
SPARE	23	2	15			1.00			1.00								1	
					1.00				1.00				2	30	24	CONCESSIONS RECP	17	TOTAL C
	25	$\left[ \right]$			4.00	1.00	1.00					ļ		$\setminus$			(	TOT
	07	4	20	-	1.00		1.00				-		$\square$		26		$\downarrow$ $\checkmark$	Į
FURNACE	27	1	20		1.00			1.00					2	30	28	CONCESSIONS RECP	-	
SPARE	29	1	20		1.00			1.00				-	2		20	SUNULUUIUNO REUP	1	$\sim$
	20				1.00				1.00	1		1	$\sim$	$\sim$	30		1	
SPARE	31	1	20								1						1	
					0.36		0.36						1	20	32	STORAGE RECPS		
SPARE	33	1	20															
00405					0.54			0.54					1	20	34	STORAGE RECPS	4	
SPARE	35	1	20					L						20	20	SDARE	-	
SDARE	37	1	20					ļ					1	20	36	SPARE	4	
SPARE	31	1	20										1	20	38	SPARE		
EXISTING	39	2	100								+			20	00		1	
		-									1	1	1	20	40	SPARE	1	
	<mark>41</mark>	$\sim$	$\sim$					1			1						1	
								1		1	1					LIGHTING		
		<u>                                      </u>											1	20	42	CONTACTOR	1	
TOTAL CONN						10.58	11.88	7.76	8.85									
TOTAL DE	MANE		0 (kVA)	2.21	12.85	10.58												
1		1									1			1			1	

MARK & TYPE				<b>REM</b>	RKS												
"VSCFH"				EXISTIN	IG SQU	ARE D		OARD									
TYPE: EXISTING SQUA	RE C	)		REPLA	CE TWE	ELVE (12	2) 1P-50	AMP CI	RCUIT	BREAKE	RS (CIF	RCUITS	7-18) W	ИТН Т	WEL	/E (12) 1P-30 AMF	
277/480V, 3 PH, 4W					AMP CIRCUIT BREAKERS (CIRCUIT 17-30)												
225 AMP MAIN LUGS																	
NEMA 1																	
SURFACE MOUNTED																	
DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	Α	B	С	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION	
SPARE	1	1	20									1					
													1	20	2	SPARE	
SPARE	3	1	20														
													1	20	4	SPARE	
SPARE	5	1	20					2									
													1	20	6	SPARE	
POLE S1	7	1	30														
													1	30	8	POLE S2	
POLE S1	9	1	30														
													1	30	10	POLE S2	
POLE S1	11	1	30														
													1	30	12	POLE S2	
POLE S3	13	1	30														
													1	30	14	POLE S4	
POLE S3	15	1	30														
													1	30	16	POLE S4	
POLE S3	17	1	30														
													1	30	18	POLE S4	
RRIGATION PUMP	19	3	20														
							10000000000000000000000000000000000000						1	20	20	SPARE	
	21																
													1	20	22	SPARE	
	23	$\square$															
													1	20	24	SPARE	
SPARE	25	1	20														
													1	20	26	SPARE	
SPARE	27	1	20	~													
													1	20	28	SPARE	
SPARE	29	1	20			ļ											
0.04.05													1	20	30	SPARE	
SPARE	31	1	20	8												00405	
	- 22	4							ļ				1	20	32	SPARE	
SPARE	33	1	20	8									4		24		
	25	4											1	20	34	SPARE	
SPARE	35	1	20	8									4		20		
SPARE	27	4	20										1	20	30	SPARE	
DEALE	37	1	20										4	20	20		
SPARE	39	1	20										1	20	38	SPARE	
DENCE	აყ	1	20										1	20	40	SPARE	
SPARE	41	1	20					1					1	20	40	SPARE	
	41	1	20										1	20	12	SPARE	
			(kVA)			L				<u> </u>		<u> </u>		20	42		

CHESTERTON HIGH SCHOOL SOCCER FIELD TICKET BOOTH PANEL BOARD SCHEDULE

MARK & TYPE				REM/	ARKS										
"TBL1"				BRANC	H CIRC	UITS SH	ALL BE	CIRCUI	T BREAK	KERS.					
TYPE:SQ D LOADCE	NTER			CIRCUI	T BREA	KERS S	HALL H	AVE MI	VIMUM 1	10,000 A	MP INT	ERRUF	TING		CITY.
120/208V, 1 PH, 3W						RE D LOA									
40 AMP MAIN BREAK	(ER														
NEMA 1															
SURFACE MOUNTED	)														
DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	Α	B	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
LIGHTS AND															
TIMECLOCK	1	1	20	0.20			0.20								
															RECPS AND CEILING
					0.72		0.72					1	20	2	FAN
SPARE	3	1	20												
								1.50	1.50			1	20	4	ECH-1 (1.5 KW)
SPARE	5	1	20												
												1	20	6	SPARE
SPARE	7	1	20												
												1	20	8	SPARE
TOTAL CON	NECTE	D LOAD	) (kVA)	0.20	0.72		0.92	1.50	1.50						
TOTAL D	EMAN	LOAD	(kVA)	0.20	0.72				1.50						
											_				

(	
(	MARK & TY "ABH1"
	TYPE: SQUAR
>	277/480V, 3 PH 225 AMP MAIN
	NEMA 1 SURFACE MO
$\langle$	
	DESCRIPTION A101,102,103,1
>	106,107,108 LIC
	A109,110,111,1 114,115,116 Ll0
(	
$\geq$	(R-1) FLAG PO TIMECLOCK AI
$\left( \right)$	1 AND R-2 COM
	ECH-4 A106 (3
<b>`</b>	ECH-2 A104 (3
>	EUH-1 A103 (3
	ECH-5 A102 (5
$\rangle$	ECH-5 A102 (5
	ECH-6 A101 (7.
$\rangle$	ECH-4 A108 (3
5	EUH-1 A105 (3
(	SPARE
(	SPARE
$\geq$	
	SPARE
$\mathbf{\mathbf{b}}$	SPARE
	DOMESTIC BO DBP-1 (3 HP)
$\rangle$	
$\rangle$	WH-1 (12 KW)
/	
$\boldsymbol{\boldsymbol{\succ}}$	SPARE
	SPARE
>	SPARE
>	
>	
$\boldsymbol{\boldsymbol{\succ}}$	
,	
/	CON
5	
	$\sim$

	ON		SH S	-		THLE	TIC E	BUILE	ING	BUIL	DING	3 PAN	IELE	SOA	۲D	SCHEDULE
MARK & TYPE				REM/												
'ABL1"				A DOUBLINH DURI MUTUR				CIRCUI								
TYPE: SQ D NQ OR AP	PRO	ED EG	QUAL	CIRCUI	I BREA	KERS S	HALL H			22,000 A	MP INT	ERRUPI	ING C	APACI	IY - I	YPE QOB-BH.
120/208V, 3 PH, 4W 100 AMP MAIN BREAK	=D															
NEMA 1	_1											_				
SURFACE MOUNTED																
DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	A	B	С	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
PARE	1	1	20													
																VARSITY SCORE
	_					1.50	1.50						1	20	2	BOARD
SPARE	3	1	20	8		4.50		4.50					4			
SPARE	5	1	20			1.50		1.50					1	20	4	JV SCORE BOARD
	0	1	20													SCOREBOARD
					0.18				0.18				1	20	6	RECPS
105 RECPS	7	1	20	8	0.72		0.72		0.10			1				
					0.90		0.90						1	20	8	A106 RECPS
101,104 RECPS	9	1	20		0.54			0.54								
					0.36			0.36					1	20	10	A106,111 RECPS
102,103 RECPS	11	1	20		0.54				0.54							
					0.90				0.90				1	20	12	A113 RECPS
	10	4	00			0.54	0.54									
UMP RCP-1 (1/6 HP)	13	1	20	8	0.54	0.51	0.51						1	20	14	A114 RECPS
ECP (WATER					0.54		0.34	<b>r</b>					1	20	14	ATT4 RECFS
OFTENER)	15	1	20		1.50			1.50								
	10				1.00			1.00								A105 RECP (TECH
					1.50			1.50					1	20	16	EQUIPMENT)
EF-1 (0.1 HP)	17	1	20			1.12			1.12							
														_		A105 RECP (TECH
					1.50				1.50				1	20	18	EQUIPMENT - UPS
SPARE	19	1	20	8												00.05
PARE	04	4	20										1	20	20	SPARE
PARE	21	1	20	8				-					1	20	22	SPARE
105 TEMPERATURE									-				1	20	22	OF AIL
ONTROL PANEL	23	1	20			1.00			1.00							
						2.25			2.25				1	20	24	SPARE
PARE	25	1	20													
						2.25	2.25						1	20	26	SPARE
PARE	27	1	20													
DA DE				0.10	0.72			0.82					2	40	28	"TBL1"
PARE	29	1	20	8					1.50	1 50			<hr/>		20	
	OTT			0.40	0.00	10.12	6.40	6.00	1.50	1.50					30	
					9.90 9.90	10.13 10.13	6.42	6.22	8.99	1.50 1.50		<u> </u>				
TOTAL CONNE TOTAL DEI	VIAINL	LUAL	(KVA)	0.10	9.90	10.13				1.50						

AD-1

TYPE				REMA	RKS									_ 0	511	EDULE		
ARE D NF OR APF PH, 4W AIN BREAKER	PROV	ED E	Q	CIRCUI	BRANCH CIRCUITS SHALL BE CIRCUIT BREAKERS. CIRCUIT BREAKERS SHALL HAVE MINIMUM 35,000 AMP INTERRUPTING CAPACITY. PANEL SHALL BE RATED FOR SERVICE ENTRANCE.													
IOUNT																		
DN	CKT	P	TRIP	LTS	REC	EQUIP	Α	в	С	HEAT	A/C	MOTOR	Ρ	TRIP	CKT	DESCRIPTION		
3,104,105, LIGHTS	1	1	20	0.91			0.91											
	1	1	20	0.31			3.00			3.00			1	20	2	ECH-4 A106 (3 KW)		
1,112,113, LIGHTS	3	1	20	0.57				0.57 3.00		3.00			1	20		ECH-2 A109 (3 KW)		
XTERIOR LIGHTS POLE LIGHT (R-2) AND RELAYS R- CONTROL	5	1	20	0.32		0.50		3.00	0.82				1	20				
(3 KW)	7	1	20				3.00		3.00	3.00 3.00			1	20	6	ECH-2 A110 (3 KW)		
							3.00	2.00		3.00			1	20	8	ECH-4 A113 (3 KW)		
(3 KW)	9	1	20					3.00 5.00		3.00 5.00			1	30	10	ECH-5 A114 (5 KW)		
(3 KW)	11	1	20						3.00 3.00	3.00 3.00			1	20	12	ECH-4 A115 (3 KW)		
(5 KW)	13	1	30	1			5.00			5.00								
(5 KW)	15	1	30				3.00	5.00		3.00 5.00			1	20	14	ECH-4 A113 (3 KW)		
(7.5 KW)	17	1	40					2.00	7.50	2.00 7.50			1	20	16	ECH-3 A112 (2 KW)		
									4.00	4.00			1	20	18	ECH-3 A111 (3 KW)		
(3 KW)	19	1	20				3.00 2.00			3.00			1	20	20	ECH-3 A107 (2 KW)		
(3 KW)	21	1	20	1				3.00		3.00								
	23	1	20										1	20		SPARE		
	25	1	20										1	20	24	SPARE		
						0.94	0.94						3	20	26	TEF-1 (2 HP)		
	27	1	20			0.94		0.94					$\overline{}$	/	28			
	29	1	20			0.94			0.94						30			
BOOSTER PUMP									0.94				$\rightarrow$	$\sim$	30			
?)	31	3	20			1.32 3.05	1.32 3.05						3	20	32	WELL PUMP (7.5 HP)		
	33		$\leq$			1.32		1.32								······································		
	35		$\sim$			3.05 1.32		3.05	1.32						34			
<b>√</b> )	37	3	30			3.05	4.00		3.05	4.00			$\leq$	$\leq$	36			
v)	51	5	- 30							4.00						30 KVA TRANSFORMER		
	39				2.16	5.20	7.36	4.00		4.00			3	70	38	(PANEL "ABL1")		
	44			0.10	4.62	2.12		6.84	4.00	4.00			$\overline{\}$	$\leq$	40			
	41				3.12	3.37			4.00 7.99	4.00 1.50			$\overline{}$	<u> </u>	42			
	43	1	20										1	20	44	SPARE		
	45	1	20															
	47	1	20										1	20	46	SPARE		
													1	20	48	SPARE		
									[									
NNECTED LOAD				1.90	9.90	27.12	39.58	37.72	38.62	77.00								
DEMAND LOAD ( DEMAND A				1.90	9.90	27.12	39.58 142.9	37.08 133.9	38.62 139.5	77.00								
//			TOTAL	DEMAN	D KVA:	115.92				ΤΟΤΑ	L DEM	AND AM	PS:	143				

