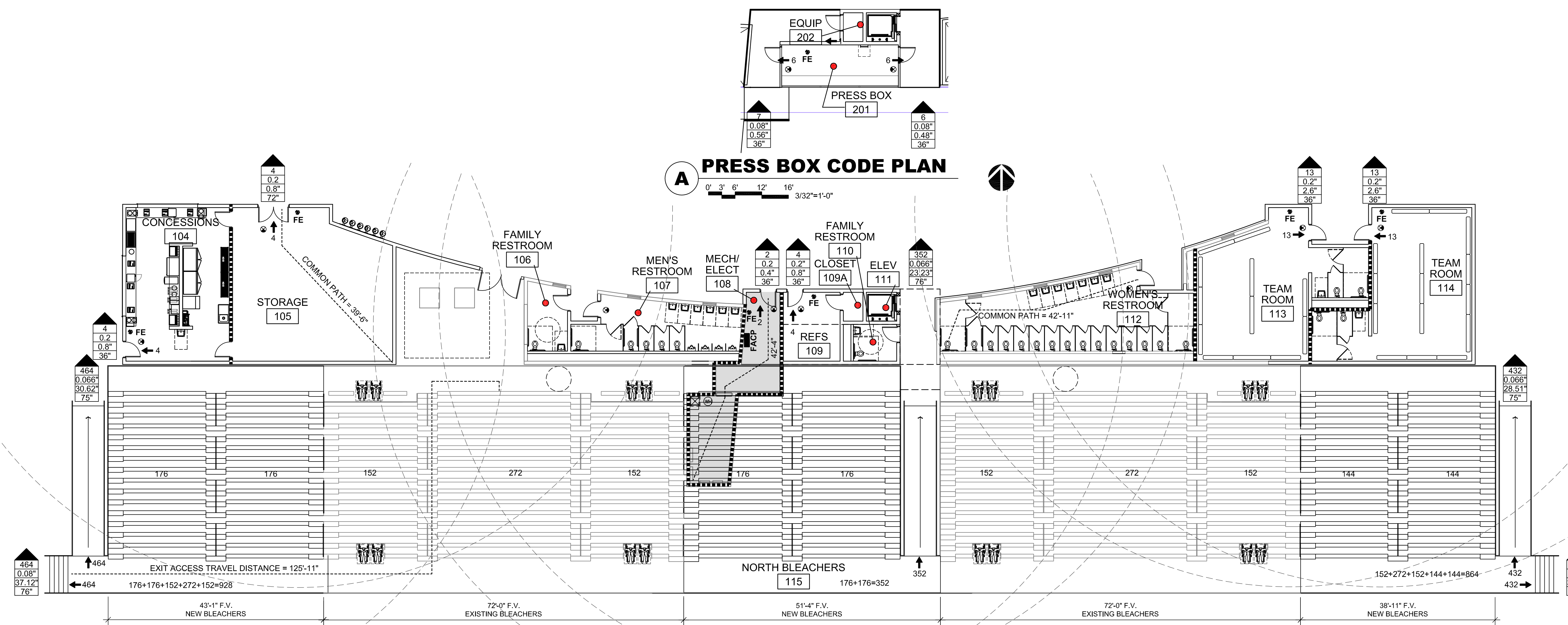


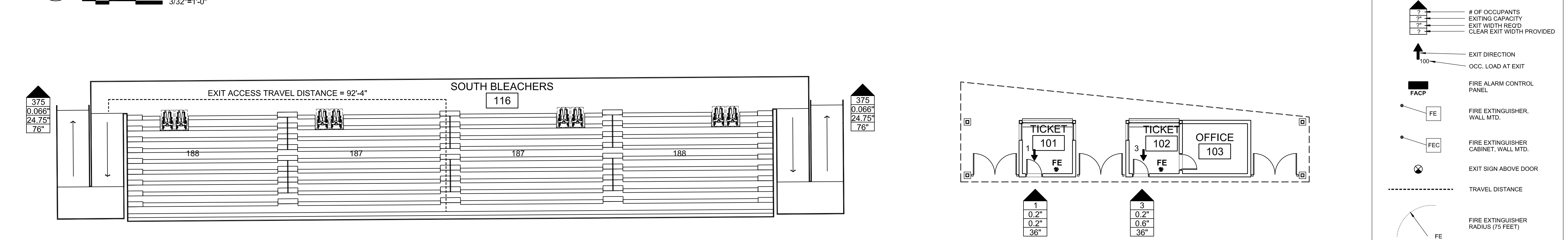
OCCUPANCY LOAD TABLE				
ROOM NUMBER	ROOM NAME	AREA (SQ.FT.)	OCCUPANCY LOAD FACTOR	TOTAL OCCUPANCY
101	TICKET	100	100	1
102	TICKET	100	100	1
103	TICKET OFFICE	130	100	2
104	CONCESSIONS	634	200	4
105	STORAGE	913	300	4
106	FAMILY RR	-----	-----	-----
107	MEN'S RR	-----	-----	-----
108	MECH / ELECT	315	300	2
109	REFS	144	50	3
109A	CLOSET	22	300	1
110	FAMILY RR	-----	-----	-----
111	ELEV	-----	-----	-----
112	WOMEN'S RR	-----	-----	-----
113	TEAM ROOM	604	50	13
114	TEAM ROOM	614	50	13
115	NORTH BLEACHER	-----	-----	-----
	EXISTING	-----	-----	1138
	HANDICAP	-----	-----	16
	NEW WEST	-----	-----	352
	NEW MIDDLE	-----	-----	352
	NEW EAST	-----	-----	288
	TOTAL	-----	-----	2146
116	SOUTH BLEACHER	-----	-----	-----
201	PRESS BOX	172	15	12
202	EQUIP	22	300	1
TOTAL				2953

REQUIRED PLUMBING FIXTURES				
OCC. LOAD=2,953	MALE=1,477		FEMALE=1,477	
	REQ'D	PROVIDED	REQ'D	PROVIDED
WATER CLOSET	-----	7	-----	17
URINAL	-----	4	-----	-----
FAMILY W/C	-----	-----	-----	2
W/C & URINALS	-----	-----	-----	-----
MALE 1/75	20	-----	37	-----
FEMALE 1/40	-----	-----	-----	-----
* W/C PER VARIANCE AT FIELD	20x(2/3)=14 14x(3/4)=11*	11	37x(2/3)=25 25x(3/4)=19*	19
* W/C PER VARIANCE AT INDOOR FACILITY	14-11=3*	4	25-19=6*	6
LAVATORIES	-----	-----	-----	-----
MALE 1/200	8	-----	10	-----
FEMALE 1/150	-----	-----	-----	-----
* W/C PER VARIANCE AT FIELD	8x(2/3)=6 6x(3/4)=5*	7	10x(2/3)=7 7x(3/4)=6*	10
* W/C PER VARIANCE AT INDOOR FACILITY	-----	2	-----	3
SERVICE SINK	1	1	-----	-----
DRINKING FOUNTAIN 1/1000	3	6	-----	-----

\*NOTE:  
VARIANCE WAS ALLOWED ON DECEMBER 12, 2017 TO ALLOW FOR A REDUCTION IN THE OVERALL PLUMBING FIXTURE COUNT. AGREEMENT IS NOTED BELOW & SEE SHEET SA0.3.  
- ALLOW A REDUCTION OF 1/3 OF THE TOTAL REQUIRED FIXTURES (WOMEN'S 21 & MEN'S 12).  
- ALLOW THE FIXTURE PLACEMENT TO BE SPLIT BETWEEN THE EXISTING CHAMPIONSHIP FIELD STRUCTURE AND THE NEW INDOOR FACILITY (3/4 OF THE FIXTURES IN THE CHAMPIONSHIP STRUCTURE AND THE BALANCE IN THE NEW INDOOR FACILITY). THIS IS WITH THE UNDERSTANDING THAT THE OPERATOR OF THE FACILITY WILL ENSURE THAT BOTH BUILDINGS ARE OPEN AND ACCESSIBLE TO PATRONS DURING TOURNAMENT ACTIVITIES. LAVATORY NUMBERS AND PLACEMENT IS APPROVED AS PROPOSED.  
- DURING TOURNAMENT ACTIVITIES THE OPERATOR OF THE FACILITY WILL SUPPLEMENT THE FIXTURE COUNT WITH PORTABLE RESTROOM UNITS.

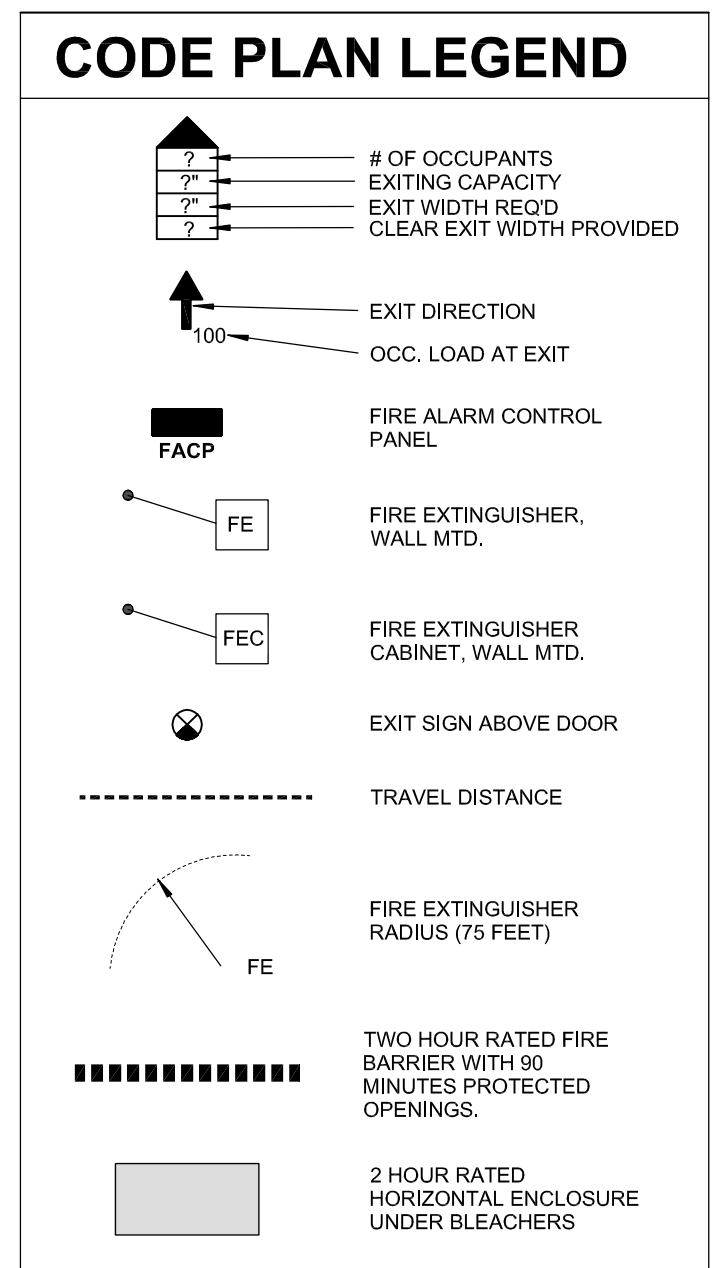


**B NORTH BLEACHERS CODE PLAN**  
0' 3' 6' 12' 16' 3/32"=1'-0"



**C SOUTH BLEACHERS CODE PLAN**  
0' 3' 6' 12' 16' 3/32"=1'-0"

**D TICKET BOOTH CODE PLAN**  
0' 3' 6' 12' 16' 3/32"=1'-0"



**CODE NARRATIVE**

**BUILDING PROJECT TYPE:** ADDITION AND REMODEL

**PROJECT DESCRIPTION:** THE PROJECT IS FOR THE ADDITION AND REMODEL OF AN EXISTING SPORTS COMPLEX.

**PROJECT LOCATION:** 28TH ST. NORTH AND GREENWICH ROAD WICHITA, KS 67226

**OWNER:** CITY OF WICHITA

**COUNTY:** SEDGWICK

**FACILITY NAME:** STRYKER SPORTS COMPLEX

**LOCAL FIRE DEPT:** SEDGWICK COUNTY FIRE DEPARTMENT

**WATER SERVICE:** CITY OF WICHITA

**LOCAL BUILDING INSPECTION DEPT:** METROPOLITAN AREA BUILDING AND CONSTRUCTION DEPT. 271 WEST 3RD STREET NORTH, SUITE 101 WICHITA, KS 67202

**DESIGNERS:** ARCHITECT: GLMV ARCHITECTURE 1525 E. DOUGLAS WICHITA, KANSAS 67206 TEL: (316) 265-9387 FAX: (316) 265-5646  
CIVIL / MECH / ELEC / STRUCTURAL ENGINEERS: MKEC ENGINEERING 411 N. WEBB RD WICHITA, KS 67206 TEL: (316) 684-9600

**APPLICABLE CODES:** 2012 INTERNATIONAL BUILDING CODE (IBC)  
2012 INTERNATIONAL FIRE CODE (IFC)  
2015 INTERNATIONAL PLUMBING CODE (IPC)  
2015 INTERNATIONAL MECHANICAL CODE (IMC)  
2015 INTERNATIONAL FUEL GAS CODE (IFGC)  
2017 NATIONAL ELECTRICAL CODE (NEC)  
2012 INTERNATIONAL FIRE CODE (IFC)  
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN  
2012 INTERNATIONAL CODE COUNCIL 300 (ICC 300)  
- STANDARD FOR BLEACHERS, FOLDING & TELESCOPIC SEATING, AND GRANDSTANDS

**BUILDING / PROJECT SUMMARY:** USE: SPORTS ACTIVITIES  
OCCUPANCY CLASSIFICATION: GROUP A-5 SECTION 303.6 (IBC)  
CONSTRUCTION TYPE: TYPE II-B TABLE 503 (IBC)  
AUTOMATIC SPRINKLERS: NO SECTION 903.2.1.5 (IBC)  
ALL AREAS UNDER 1,000 SQ. FT. TABLE 503 (IBC)  
GROUP A-5 - UNLIMITED SECTION 506 (IBC)  
EQUATION S-1 TABLE 503 (IBC)  
MAX HEIGHT = 55'  
ACTUAL HEIGHT = 32'  
MAX STORIES = UNLIMITED  
ACTUAL STORIES = 2

**CODE ANALYSIS**

**NORTH BLEACHERS:**  
BUILDING AREA: 18,970 SQ. FT.  
FIRST FLOOR: 740 SQ. FT. (PRESS BOX)  
SECOND FLOOR: 19,710 SQ. FT.  
TOTAL: UNLIMITED  
ALLOWABLE: UNLIMITED

**SOUTH BLEACHERS:**  
BUILDING AREA: 4,335 SQ. FT.  
TOTAL: UNLIMITED  
ALLOWABLE: UNLIMITED

**TICKET BOOTH:**  
BUILDING AREA: 415 SQ. FT.  
TOTAL: UNLIMITED  
ALLOWABLE: UNLIMITED

**STRUCTURAL FIRE PROTECTION (TABLES 601 & 602)**  
EXTERIOR BEARING WALLS: 0 HOURS TABLE 601 / TABLE 602 (IBC)  
INTERIOR LOAD BEARING WALLS: 0 HOURS TABLE 601 (IBC)  
EXTERIOR NON-BEARING WALLS: 0 HOURS TABLE 601 / TABLE 602 (IBC)  
STRUCTURAL FRAME: 0 HOURS TABLE 601 (IBC)  
PERMANENT PARTITIONS: 0 HOURS TABLE 601 (IBC)  
ROOFS: 0 HOURS TABLE 601 (IBC)  
CORRIDOR: 1 HOURS (NO CORRIDORS) SECTION 1017.1 (IBC)

**FIRE BARRIER (REQUIRED PER SECTION 903.2.1.5 & SECTION 1028.1.1.1):** 2 HOURS TABLE 707.3.10 (IBC)

**HORIZONTAL ASSEMBLIES (REQUIRED PER SECTION 1028.1.1.1):** 2 HOURS SECTION 711 & TABLE 707.3.10 (IBC)

**OPENING PROTECTIONS (DOORS):** 1 1/2 HOURS TABLE 716.5 (IBC)  
**FIRE WINDOW ASSEMBLIES:** NOT PERMITTED TABLE 716.5 (IBC)

**INTERIOR FINISHES (ROOMS AND ENCLOSED SPACES CORRIDORS):** CLASS C CLASS A TABLE 803.9 (IBC)

**FIRE SUPPRESSION**  
PORTABLE FIRE EXTINGUISHER CLASS 'A' FIRE HAZARD LIGHT HAZARD SECTION 906 / NFPA 10 TABLE 601 / TABLE 602 (IBC)  
MIN. RATING = 2-A  
MAX. FLOOR AREA PER UNIT OF A = 3,000 SF  
MAX. FLOOR AREA PER EXTINGUISHER = 11,250 SF  
MAX. TRAVEL DISTANCE TO EXTINGUISHER = 75 FT

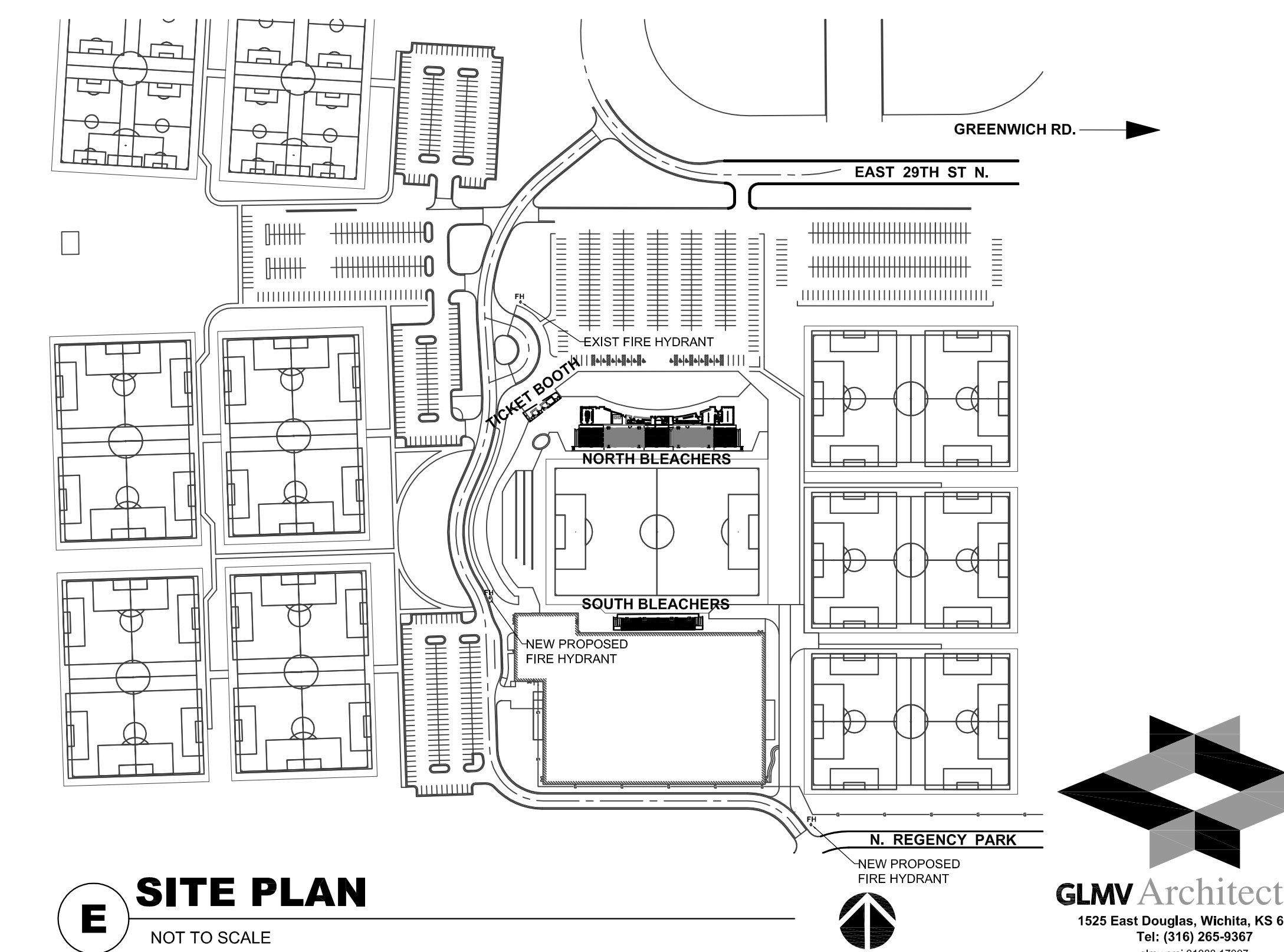
**FIRE SAFETY FEATURES**  
FIRE ALARM SYSTEM & DETECTION SYSTEMS: MANUAL ALARM w/ OCCUPANT NOTIFICATION SYSTEM SECTION 907.2.1

**OCCUPANT LOAD (REFER TO CODE PLAN)**  
TOTAL CALCULATED OCCUPANTS: 2953  
BUILDING OCCUPANTS: 57  
BUILDING EXIT WIDTH REQ'D: 396"  
BUILDING EXITS PROVIDED: 11  
BUILDING EXITS REQUIRED: 2  
N. BLEACHER OCCUPANTS: 2146  
N. BLEACHER EXIT WIDTH REQ'D: 154.04"  
N. BLEACHER EXIT WIDTH PROVIDED: 378"  
N. BLEACHER EXITS REQUIRED: 3  
N. BLEACHER EXITS PROVIDED: 5  
S. BLEACHER OCCUPANTS: 750  
S. BLEACHER EXIT WIDTH REQ'D: 49.5"  
S. BLEACHER EXIT WIDTH PROVIDED: 152"  
S. BLEACHER EXITS REQUIRED: 2  
S. BLEACHER EXITS PROVIDED: 2

**TRAVEL DISTANCE**  
COMMON PATCH OF EGRESS TRAVEL: 75' ALLOWED 42-11" ACTUAL TABLE 1014.3 (IBC)  
MAX TRAVEL DISTANCE TO EXIT: 200' ALLOWED 42-11" ACTUAL TABLE 1016.2 (IBC)  
MAX DEAD END CORRIDOR: 20' ALLOWED 0' ACTUAL SECTION 1016.4 (IBC)

**BLEACHERS**  
MAX TRAVEL DISTANCE TO EXIT: 400' ALLOWED 125-11" ACTUAL SECTION 404 (ICC 300)

**SEPARATION OF EXITS**  
1/2 DIAGONAL DISTANCE SECTION 1015.2.1 (IBC)



**E SITE PLAN**  
NOT TO SCALE