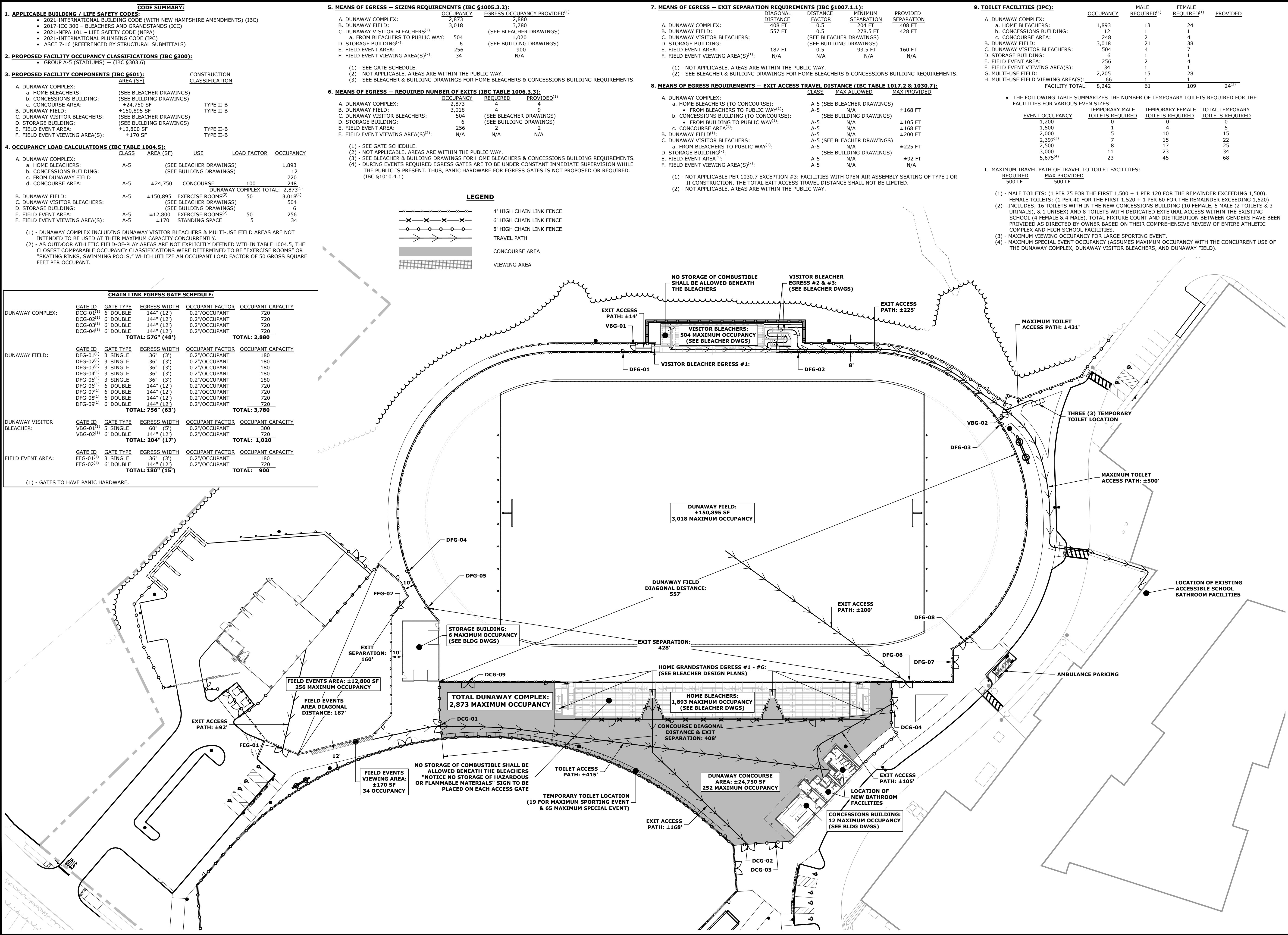
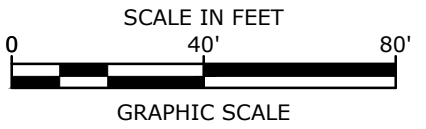
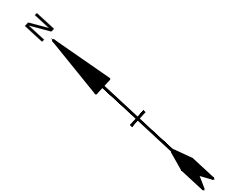


Plot Date: Wednesday, May 06, 2026 Plotted By: Craig M. Langton
Last Save Date: May 6, 2026 @ 8:22 AM By: Craig M. Langton
File Location: J:\AD5085-Dover School District\001_High School Athletic Complex\Drawings\AutoCAD\Sheet\DWG\5085-0001_C-Design.dwg Layout Tab: Code Plan





Dover High School Athletic Facility Project

Dover School District, SAU #11

25 Alumni Drive
Dover, New Hampshire

B	5/5/2026	Rev for Code Review
A	4/3/2026	Issued for Code Review
MARK	DATE	DESCRIPTION
PROJECT NO: D5085-0001		
DATE: 4/3/2026		
FILE: D5085-0001_C-DESIGN.DWG		
DRAWN BY: C. LANGTON		
DESIGNED BY: C. LANGTON		
CHECKED BY: N. HANSEN		
APPROVED BY: J. PERSECHINO		
DUNAWAY FIELD AREA CODE PLAN		
SCALE: AS SHOWN		
G-100.1		

Plot Date: Wednesday, May 06, 2026 Plotted By: Craig M. Langton
Last Save Date: May 6, 2026 @ 8:22 AM By: Craig M. Langton
File Location: J:\05085\ Dover School District\001_High_School_Athletic_Complex\Drawings\AutoCAD\Sheet\Civil\05085-0001_C-Design.dwg Layout Tab: Code Plan (2)

- 1. APPLICABLE BUILDING / LIFE SAFETY CODES:**
- 2021-INTERNATIONAL BUILDING CODE (WITH NEW HAMPSHIRE AMENDMENTS) (IBC)
 - 2021-NFPA 101 - LIFE SAFETY CODE (NFPA)
 - 2021-INTERNATIONAL PLUMBING CODE (IPC)

- 2. PROPOSED FACILITY OCCUPANCY CLASSIFICATIONS (IBC §300):**
- GROUP A-5 (STADIUMS) — (IBC §303.6)

3. PROPOSED FACILITY COMPONENTS (IBC §601):		CONSTRUCTION
AREA (SF)	CLASSIFICATION	
A. MULTI-USE FIELD:	±110,240 SF	TYPE II-B
B. MULTI-USE FIELD VIEWING AREA(S):	±330 SF	TYPE II-B

CHAIN LINK EGRESS GATE SCHEDULE:				
MULTI-USE FIELD:	GATE ID	GATE TYPE	EGRESS WIDTH	OCCUPANT CAPACITY
	MFG-01 ⁽¹⁾	3' SINGLE	36" (3')	0.2"/OCCUPANT 180
	MFG-02 ⁽¹⁾	3' SINGLE	36" (3')	0.2"/OCCUPANT 180
	MFG-03 ⁽¹⁾	3' SINGLE	36" (3')	0.2"/OCCUPANT 180
	MFG-04 ⁽¹⁾	3' SINGLE	36" (3')	0.2"/OCCUPANT 180
	MFG-05 ⁽¹⁾	3' SINGLE	36" (3')	0.2"/OCCUPANT 180
	MFG-06 ⁽¹⁾	3' SINGLE	36" (3')	0.2"/OCCUPANT 180
	MFG-07 ⁽¹⁾	3' SINGLE	36" (3')	0.2"/OCCUPANT 180
	MFG-08 ⁽¹⁾	3' SINGLE	36" (3')	0.2"/OCCUPANT 180
	MFG-09 ⁽¹⁾	3' SINGLE	36" (3')	0.2"/OCCUPANT 180
	MFG-10 ⁽¹⁾	6' DOUBLE	144" (12')	0.2"/OCCUPANT 720
	MFG-11	6' DOUBLE	144" (12')	0.2"/OCCUPANT 720
	TOTAL: 540" (45')			TOTAL: 3,060

(1) - GATES TO HAVE PANIC HARDWARE.

LEGEND

—x—x—x—x—x—x—	4' HIGH CHAIN LINK FENCE
—x—x—x—x—x—x—	6' HIGH CHAIN LINK FENCE
—o—o—o—o—o—o—	8' HIGH CHAIN LINK FENCE
—>—>—>—>—>—	TRAVEL PATH
■	CONCOURSE AREA
▨	VIEWING AREA

4. OCCUPANCY LOAD CALCULATIONS (IBC TABLE 1004.5):				
	CLASS	AREA (SF)	USE	LOAD FACTOR
C. MULTI-USE FIELD:	A-5	±110,240	EXERCISE ROOMS ⁽²⁾	50
D. MULTI-USE FIELD VIEWING AREA(S):	A-5	±330	STANDING SPACE	5

- (1) - DUNAWAY COMPLEX INCLUDING DUNAWAY VISITOR BLEACHERS & MULTI-USE FIELD AREAS ARE NOT INTENDED TO BE USED AT THEIR MAXIMUM CAPACITY CONCURRENTLY.
(2) - AS OUTDOOR ATHLETIC FIELD-OF-PLAY AREAS ARE NOT EXPLICITLY DEFINED WITHIN TABLE 1004.5, THE CLOSEST COMPARABLE OCCUPANCY CLASSIFICATIONS WERE DETERMINED TO BE "EXERCISE ROOMS" OR "SKATING RINKS, SWIMMING POOLS," WHICH UTILIZE AN OCCUPANT LOAD FACTOR OF 50 GROSS SQUARE FEET PER OCCUPANT.

5. MEANS OF EGRESS — SIZING REQUIREMENTS (IBC §1005.3.2):		
	OCCUPANCY	EGRESS OCCUPANCY PROVIDED ⁽¹⁾
E. MULTI-USE FIELD:	2,205	2,340 ⁽²⁾
F. MULTI-USE FIELD VIEWING AREA(S) ⁽³⁾ :	66	N/A

- (1) - SEE GATE SCHEDULE.
(2) - BY GATES EQUIPPED WITH PANIC HARDWARE.
(3) - NOT APPLICABLE. AREAS ARE WITHIN THE PUBLIC WAY.

6. MEANS OF EGRESS — REQUIRED NUMBER OF EXITS (IBC TABLE 1006.3.3):			
	OCCUPANCY	REQUIRED	PROVIDED ⁽¹⁾
G. MULTI-USE FIELD:	2,205	4	9
H. MULTI-USE FIELD VIEWING AREA(S) ⁽²⁾ :	N/A	N/A	N/A

- (1) - SEE GATE SCHEDULE.
(2) - NOT APPLICABLE. AREAS ARE WITHIN THE PUBLIC WAY.
(3) - DURING EVENTS REQUIRED EGRESS GATES ARE TO BE UNDER CONSTANT IMMEDIATE SUPERVISION WHILE THE PUBLIC IS PRESENT. THUS, PANIC HARDWARE FOR EGRESS GATES IS NOT PROPOSED OR REQUIRED. (IBC §1010.4.1)

7. MEANS OF EGRESS — EXIT SEPARATION REQUIREMENTS (IBC §1007.1.1):				
	DIAGONAL DISTANCE	DISTANCE FACTOR	MINIMUM SEPARATION	PROVIDED SEPARATION
I. MULTI-USE FIELD:	484 FT	0.5	242 FT	475 FT
J. MULTI-USE FIELD VIEWING AREA(S) ⁽¹⁾ :	N/A	N/A	N/A	N/A

- (1) - NOT APPLICABLE. AREAS ARE WITHIN THE PUBLIC WAY.

8. MEANS OF EGRESS REQUIREMENTS — EXIT ACCESS TRAVEL DISTANCE (IBC TABLE 1017.2 & 1030.7):			
	CLASS	MAX ALLOWED	MAX PROVIDED
K. MULTI-USE FIELD ⁽¹⁾ :	A-5	N/A	±162 FT
L. MULTI-USE FIELD VIEWING AREA(S) ⁽²⁾ :	A-5	N/A	N/A

- (1) - NOT APPLICABLE PER 1030.7 EXCEPTION #3: FACILITIES WITH OPEN-AIR ASSEMBLY SEATING OF TYPE I OR II CONSTRUCTION, THE TOTAL EXIT ACCESS TRAVEL DISTANCE SHALL NOT BE LIMITED.
(2) - NOT APPLICABLE. AREAS ARE WITHIN THE PUBLIC WAY.

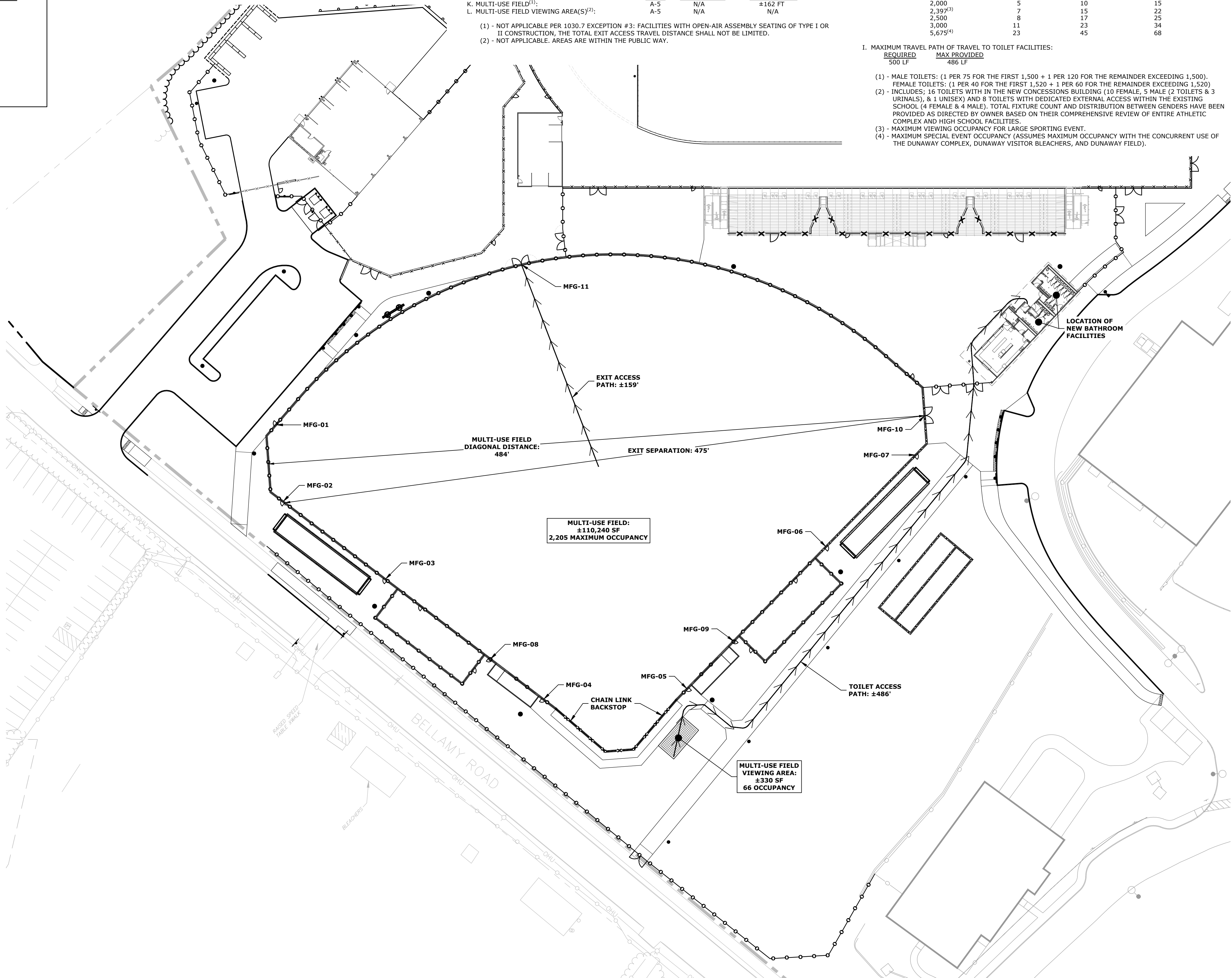
9. TOILET FACILITIES (IPC):		OCCUPANCY	MALE REQUIRED ⁽¹⁾	FEMALE REQUIRED ⁽¹⁾	PROVIDED
A. DUNAWAY COMPLEX:					
a. HOME BLEACHERS:		1,893	13	24	
b. CONCESSIONS BUILDING:		12	1	1	
c. CONCOURSE AREA:		248	2	4	
B. DUNAWAY FIELD:		3,018	21	38	
C. DUNAWAY VISITOR BLEACHERS:		504	4	7	
D. STORAGE BUILDING:		6	1	1	
E. FIELD EVENT AREA:		256	2	4	
F. FIELD EVENT VIEWING AREA(S):		34	1	1	
G. MULTI-USE FIELD:		2,205	15	28	
H. MULTI-USE FIELD VIEWING AREA(S):		66	1	1	
FACILITY TOTAL:		8,242	61	109	24 ⁽²⁾

- THE FOLLOWING TABLE SUMMARIZES THE NUMBER OF TEMPORARY TOILETS REQUIRED FOR THE FACILITIES FOR VARIOUS EVEN SIZES:

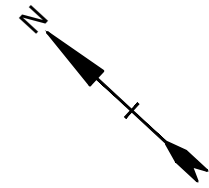
EVENT OCCUPANCY	TEMPORARY MALE TOILETS REQUIRED	TEMPORARY FEMALE TOILETS REQUIRED	TOTAL TEMPORARY TOILETS REQUIRED
1,200	0	0	0
1,500	1	4	5
2,000	5	10	15
2,397 ⁽³⁾	7	15	22
2,500	8	17	25
3,000	11	23	34
5,675 ⁽⁴⁾	23	45	68

- I. MAXIMUM TRAVEL PATH OF TRAVEL TO TOILET FACILITIES:
REQUIRED 500 LF
MAX PROVIDED 486 LF

- (1) - MALE TOILETS: (1 PER 75 FOR THE FIRST 1,500 + 1 PER 120 FOR THE REMAINDER EXCEEDING 1,500). FEMALE TOILETS: (1 PER 40 FOR THE FIRST 1,520 + 1 PER 60 FOR THE REMAINDER EXCEEDING 1,520)
(2) - INCLUDES: 16 TOILETS WITH IN THE NEW CONCESSIONS BUILDING (10 FEMALE, 5 MALE (2 TOILETS & 3 URINALS), & 1 UNISEX) AND 8 TOILETS WITH DEDICATED EXTERNAL ACCESS WITHIN THE EXISTING SCHOOL (4 FEMALE & 4 MALE). TOTAL FIXTURE COUNT AND DISTRIBUTION BETWEEN GENDERS HAVE BEEN PROVIDED AS DIRECTED BY OWNER BASED ON THEIR COMPREHENSIVE REVIEW OF ENTIRE ATHLETIC COMPLEX AND HIGH SCHOOL FACILITIES.
(3) - MAXIMUM VIEWING OCCUPANCY FOR LARGE SPORTING EVENT.
(4) - MAXIMUM SPECIAL EVENT OCCUPANCY (ASSUMES MAXIMUM OCCUPANCY WITH THE CONCURRENT USE OF THE DUNAWAY COMPLEX, DUNAWAY VISITOR BLEACHERS, AND DUNAWAY FIELD).



Tighe & Bond



SCALE IN FEET
0 40' 80'
GRAPHIC SCALE

Dover High School Athletic Facility Project

Dover School District, SAU #11

25 Alumni Drive
Dover, New Hampshire

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MULTI-USE FIELD AREA
CODE PLAN

SCALE: AS SHOWN

G-100.2