BEN L. SMITH HIGH SCHOOL VISITOR FOOTBALL BLEACHERS REPLACEMENT
GUILFORD COUNTY SCHOOLS
Greensboro, NC

VICINITY MAP

2407 S. Holden Road
Greensboro, North Carolina 27407

NOTE: BACKGROUND IMAGE IS FROM MAPS.GOOGLE.COM

ABBREVIATIONS

AFF above finish floor
ACT acoustical tile
ADJ adjacent
ALUM aluminum
AB anchor bolt
ANOD anodized
APPROX approximate
ARCH architectural

BSMT basement
BRG bearing
BID bid alternate
BD board
BOT bottom
BLDG building

CPT carpet
CI cast iron
CLG ceiling
CT ceramic tile
CLSRM classroom
CO clean out
CLR clear
COL column
CONC concrete
CMU conc. masonry unit
CONST construction
CM construction manager
CONT continuous
CJ control joint
CSK counter sunk

DEPT department
DET detail
DIA diameter
DIM dimension
DS down spout
DWG drawing

EA each
ELEC electric
EWC elec. water cooler
EL elevation
ELEV elevator
EQ equal
EQUIP equipment
EXIST existing
EJ expansion joint
EJC expansion joint cover
EXP exposed
EXT exterior

FOC face of concrete
FOS face of stud
FOM face of masonry
FIN finish
FFE finished floor elev.
FE fire extinguisher
FT fire-retardant-treated
FLR floor
FD floor drain
FLUOR fluorescent
FTG footing
FND foundation
FWP fabric-wrapped panel

GALV galvanized
GA gauge
GC general contract(or)
GL glass
GLZ glazing
GYP BD gypsum board
GWB gypsum wallboard

HDW hardware
HD heavy duty
HT height
HM hollow metal
HORIZ horizontal
HB hose bibb

ID inside diameter
IF inside face
INSUL insulation
INT interior

KPL kickplate

LAB laboratory
LAM laminate
LAV lavatory
LVR louver
LPT low point

MH manhole
MFR manufacture(r)
MBL marble
MAS masonry
MO masonry opening
MATL material
MAX maximum
MCH mechanical
MTL metal
MIN minimum
MISC miscellaneous
MVBL moveable

NOM nominal
NIC not in contract
NTS not to scale

OC on center
OPNG opening
OPP opposite
OD outside diameter
OF outside face
OH overhang
OHD over head

PT pressure treated
PNT paint(ed)
PTN partition
PLAM plastic laminate
PLYWD plywood
PVC polyvinyl chloride
PSF pounds/ sq. ft.
PSI pounds/ sq. in.
PROP property

QTY quantity
QT quarry tile

R radius
REF reference
REINF reinforcing(e)
REQD required
RA return air
REV revision(s), revised
REBAR steel reinforc. bars
RCP reflected ceiling plan
RD roof drain
RDL roof drain leader
RM room
RB rubber base

SECT section
SS stainless steel
SHT sheet
SIM similar
SC solid core
SPEC specification(s)
SPKLR sprinkler
SF square feet
SQ IN square inch
STD standard
STL steel
STOR storage
STRUCT structural
SUSP suspend(ed)

TEL telephone
THRES threshold
TOM top of masonry
TOS top of steel
TYP typical

UPS uninterrupted power supply
UON unless otherwise noted

VERT vertical
VB vinyl base
VCT vinyl composition tile

WSCT wainscot
WC water closet
WWF welded wire fabric
WWM welded wire mesh
WG wire glass
W/ with
WD wood
WB wood base

SYMBOL LEGEND

- ROOM / AREA
- WINDOW TYPE
- WALL PARTITION TYPE
- DOOR NUMBER
- KEY NOTE
- REVISIONS
- ACCESSORIES
- ELEVATION
- ELEVATIONS
- CENTERLINE OF COLUMN
- SECTIONS
- DETAIL
- NORTH ARROW

DESIGN TEAM

The Owner:
Guilford County Schools
Greensboro, North Carolina
Contact: Jared Skelton
336-451-5666
skeltoj@gcsnc.com

Architect:
Davis Kane Architects, PA
Raleigh, North Carolina
Contact: Chad Volk
919-719-2814
cvolk@daviskane.com

Civil/Landscape Engineer:
CLH Design, PA
Cary, North Carolina
Contact: Troy Olson
919-319-6716
tolson@clhdesignpa.com

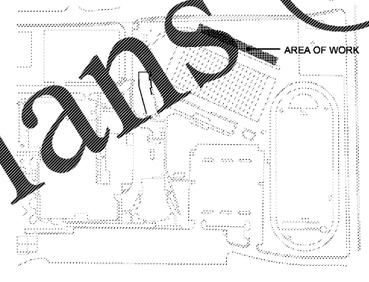
Surveyor
Davis-Martin-Powell & Assoc, Inc.
High Point, North Carolina
Contact: Brad Phillips
336-886-4821
bphillips@dmp-inc.com

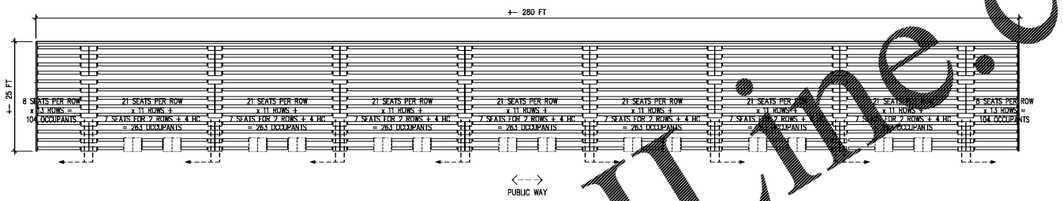
SHEET INDEX

Title Sheets:
T-1.1 Title Sheet & Life Safety Plan
T-1.2 Building Code Summary

Civil/Landscape:
C1.1 Existing Conditions & Demolition Plan
C2.1 Site Erosion and Grading Plan
C3.1 Site Staking and Landscape Plan
C4.1 Site Details

LOCATION AREA OF WORK





G5 LIFE SAFETY PLAN
VISITOR FOOTBALL BLEACHERS
1/16" = 1'-0"

IBC 2012 SUMMARY FOR GRANDSTAND SEATING:

- SECTION 403.1: OCCUPANT LOAD (CALCULATED AS 18 LINEAR INCHES OF BENCH PER PERSON) EQUATES TO 2049 OCCUPANTS.
- SECTION 404.1: REQUIRES A MINIMUM OF 3 EXITS; 3 EXITS ARE PROVIDED.
- TABLE 404.5(3): REQUIRED AISLE AND MEANS OF EGRESS WIDTH FOR AN OCCUPANT LOAD OF EQUAL TO OR LESS THAN 15,000:
  STAIRS/AISLE STEPS = OCCUPANTS X 0.080
  PASSAGEWAYS AND RAMPS NOT STEEPER THAN 1:10 = OCCUPANTS X 0.060
  RAMPS STEEPER THAN 1:10 = OCCUPANTS X 0.066

  FOR EXAMPLE, A DOUBLE-LOADED AISLE SERVES 13 ROWS WITH 11 SEATS ON EACH SIDE OF THE AISLE. 11 SEATS + 11 SEATS = 22 SEATS X 13 ROWS = 286 SEATS. 286 SEATS X 0.080 = 22.88 INCHES WIDE.
- SECTION 405.2: EACH AISLE IS 54 INCHES WIDE WITH A 1-1/2" DIAMETER HANDRAIL IN THE MIDDLE, CREATING TWO 26.25 INCH WIDE AISLES ON EITHER SIDE OF THE HANDRAIL.

LIFE SAFETY SYMBOL KEY

- DENOTES ENTRANCE TO EXIT
- DENOTES EXIT DISCHARGE, TYP.
- ACCESSIBLE PATHWAY TO PUBLIC WAY
- LOCATION WHERE TRAVEL DIVERGES TO 2 EXITS OR MORE, TYP.
- WORST-CASE TRAVEL DISTANCE PER EXIT
- WORST-CASE COMMON PATH OF TRAVEL PER EXIT
- WORST-CASE GROUP BATHROOM TRAVEL DISTANCE
- DEAD END CORRIDOR
- RATED DOOR
- (E) PANIC HARDWARE LOCATION
- INDICATES FIRE EXTINGUISHER LOCATIONS
- INDICATES HOLD OPEN

LIFE SAFETY PLAN REQUIREMENTS

- ☐ Fire and/or smoke rated wall locations (Chapter 7) – N/A
- ☒ Assumed and real property line locations – BEYOND 30'
- ☐ Exterior wall opening area with respect to distance to assumed property lines (705.8) – N/A
- ☐ Existing structures within 30 of the proposed building – N/A
- ☒ Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.1)
- ☒ Occupant loads for each area
- ☐ Exit access travel distances (1016) – N/A
- ☐ Common path of travel distances (1014.3 & 1028.8) – N/A
- ☐ Dead end lengths (1018.4) – N/A
- ☐ Clear exit widths for each exit door – SEE NOTE RELATED TO ICC 300 ABOVE
- ☒ Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.1)– SEE NOTE RELATED TO ICC 300 ABOVE
- ☐ Actual occupant load for each exit door – SEE NOTE RELATED TO ICC 300 ABOVE
- ☐ A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation – N/A
- ☐ Location of doors with panic hardware (1008.1.10) – N/A
- ☐ Location of doors with delayed egress locks and the amount of delay (1008.1.9.7) – N/A
- ☐ Location of doors with electromagnetic egress locks (1008.1.9.8) – N/A
- ☐ Location of doors equipped with hold-open devices – N/A
- ☐ Location of emergency escape windows (1029) – N/A
- ☐ The square footage of each fire area (902) – N/A
- ☐ The square footage of each smoke compartment (407.4) – N/A
- ☒ Note any code exceptions or table notes that may have been utilized regarding the items above

LIFE SAFETY OCCUPANCY IS ALL A-5 (SEATING IN A GRANDSTAND)

Bid Documents SET NO. ☐

Order Plans @ WWW.LDILine.com

Davis Kane ARCHITECTS PA
architecture
planning
interiors

PROJECT MANAGER
Kevin M. Kane

SEALS

DAVIS KANE ARCHITECTS PA 30304 RALEIGH, NC

KEVIN M KANE 5688 REGISTERED ARCHITECT RALEIGH, NC
1/5/18

CLIENT
Guilford County Schools

JOB TITLE
Smith High School
Visitor Football Bleachers
Replacement
Greensboro, North Carolina

JOB NUMBER
1424-A

REVISIONS	DATE

DATE ISSUED
BID DOCUMENTS
1/5/2018

These drawings are the property of Davis Kane Architects, P.A. They may not be reused for any purpose without written permission.
Copyright ©2018 by Davis Kane Architects, P.A. All rights reserved.

PLOT DATE: 1/4/2018
PLOT TIME: 3:36 PM
FILE NAME: A1424A T11A
VIEW: T-1.1
DRAWN BY: CV

BUILDING AREA

SHEET
TITLE SHEET
T-1.1