

HIGHLAND CENTRAL SCHOOL DISTRICT HIGHLAND MIDDLE SCHOOL 2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1



ISSUED FOR BID: 08/18/23

CSARCH - ARCHITECTS

PASSERO ASSOCIATES - SITE CIVIL & STRUCTURAL ENGINEERS

BLAKE ENGINEERING, PLLC - M.E.P. ENGINEERS

QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC. - HAZARDOUS MATERIALS DESIGNER

STATE EDUCATION DEPARTMENT PROJECT CONTROL NUMBER:

HIGHLAND MIDDLE SCHOOL 62-08-03-04-0-001-010

THE DESIGN OF THIS PROJECT CONFORMS TO APPLICABLE PROVISIONS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, AND THE MANUAL OF PLANNING STANDARDS OF THE NEW YORK STATE EDUCATION DEPARTMENT.

CSArch PROJECT NO. 197-2201.01

DRAWING LIST

HIGHLAND BUS GARAGE (HBG)

GENERAL DRAWINGS

HMS G000 COVER
HMS G001 SYMBOLS, ABBREVIATIONS, KEY PLANS, AND MISC.

CIVIL DRAWINGS

HMS C120 EXISTING CONDITIONS AND KEY PLAN
HMS C130 DEMOLITION, SITE PLAN, AND DETAILS

LIFE SAFETY DRAWINGS

HMS LS112 FIRST FLOOR LIFE SAFETY PLAN - GYMNASIUM

ARCHITECTURAL DRAWINGS

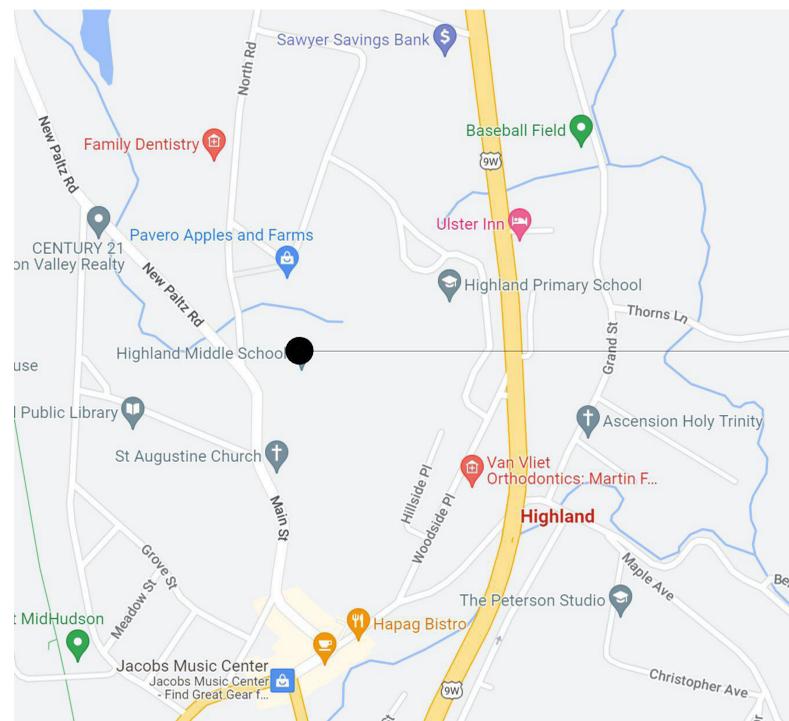
HMS A110 FIRST FLOOR OVERALL NEW WORK PLAN
HMS A501 STAIRS, RAMPS, & LANDINGS PLANS
HMS A502 STAIRS, RAMPS, & LANDINGS PHOTOS
HMS A503 STAIRS, RAMPS, & LANDINGS PHOTOS
HMS A504 STAIRS, RAMPS, & LANDINGS REPAIR DETAILS

ELECTRICAL GENERAL DRAWINGS

HMS E101 ELECTRICAL NOTES, LEGEND, SCHEDULES & DETAILS

ELECTRICAL DRAWINGS

HMS E201 GYMNASIUM SOUND SYSTEM PLAN



HIGHLAND MIDDLE SCHOOL
71 MAIN STREET,
HIGHLAND, NY 12528

VICINITY MAP

NTS



VOLUME 1 OF 4

ABBREVIATIONS

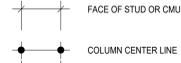
ABBREVIATION	DESCRIPTION
ADD	ADDENDUM
ADMIN	ADMINISTRATIVE
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT / ARCHITECTURAL
AV	AUDIO VISUAL
BLDG	BUILDING
BOT OR B1	BOTTOM OF BASEMENT
CJ	CONTROL / CONSTRUCTION JOINT
CL	CENTERLINE
CLG / CLNG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONT	CONTINUOUS
COORD	COORDINATE
COOR	CORRIDOR
DEMO	DEMOLITION
DET	DETAIL
DA	DIAMETER
DN	DOWN
DWG	DRAWING
ED	EDUCATION
EIFS	EXTERIOR INSULATION FINISH SYSTEM
ELECT	ELECTRIC / ELECTRICAL
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
EXST	EXISTING
EJ	EXPANSION JOINT
EXT	EXTERIOR
FIN	FINISH
FIN FL	FINISH FLOOR
FKT	FIXTURE
FLR	FLOOR
FRT	FIRE-RETARDANT-TREATED MATERIAL
FTG	FOOTING
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GND	GROUND
GWB	GYPSON WALL BOARD
GWSB	GYPSON WALL BOARD SOFFIT
HC	HANDICAPPED ACCESSIBLE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HTG	HEATING
HVAC	HEATING/VENTILATING/AIR CONDITIONING
ID	INSIDE DIMENSION
INCH	INCH / INCHES
INT	INTERIOR
JAN	JANITOR
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
LAB	LABORATORY
LB	POUND
LN	LINEAR
LVL	LEVEL
MAN	MANUAL
MAS	MASONRY
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURE(R)
MD	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OHHD	OVERHEAD
OPT	OPTIONAL
OZ	OUNCE
PERIM	PERIMETER
PLAM	PLASTIC LAMINATE
PLBG	PLUMBING
PLAS	PLASTER
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT(ED)
POLYISO	POLYISOCYANURATE
PPT	PRESSURE PRESERVATIVE TREATED
PR	PAIR
PREP	PREPARATORY
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
RAD	RADIUS
RB	RUBBER / RUBBER WALL BASE
REQD	REQUIRED
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
SCH	SCHEDULED
SECT	SECTION
SF	SQUARE FEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL / STRUCTURE
SUSP	SUSPENDED
SAC	SUSPENDED ACOUSTICAL CEILING
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TECH	TECHNOLOGY
TEMP	TEMPERARY
TMPD	TEMPERED
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VEST	VESTIBULE
VF	VERIFY IN FIELD
W	WITH
W/O	WITHOUT
WD	WOOD
WPT	WOOD PRESERVED-TREATED MATERIAL
WT	WEIGHT
YD	YARD

ARCHITECTURAL LEGEND

MATERIAL INDICATIONS

	EARTH
	GRANULAR FILL
	BRICK
	CONCRETE MASONRY UNIT
	CONCRETE
	GROUT
	ROUGH WOOD BLOCKING
	SHIM
	FINISH WOOD
	PLYWOOD
	SHEATHING
	RIGID INSULATION
	BATT INSULATION
	SPRAY FOAM INSULATION
	EPS INSULATION
	STEEL

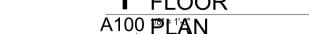
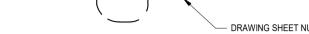
DIMENSIONING CONVENTIONS



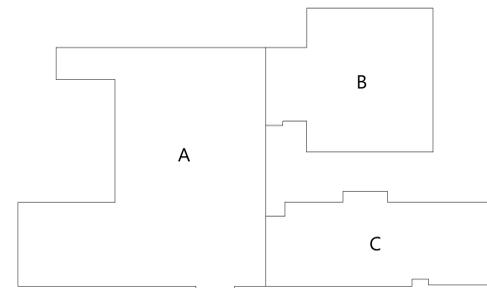
SYMBOL

	ROOM NAME
	ROOM NUMBER
	AREA OF ROOM
	DOOR NUMBER, REFER TO A900 DRAWINGS
	WINDOW TAG, REFER TO A900 DRAWINGS
	BORROWED LIGHT NUMBER, REFER TO A900 DRAWINGS
	STOREFRONT / CURTAINWALL NUMBER, REFER TO A900 DRAWINGS
	COLUMN GRID DESIGNATION
	PARTITION TAG, REFER TO A700 DRAWINGS
	HOUR RATING OF PARTITION
	ADDITIONAL NOTES FOR PARTITION
	REVISION NUMBER
	KEY NOTE, NEW WORK
	KEY NOTE, DEMOLITION WORK
	ELEVATION TAG
	HANDICAPPED ACCESSIBLE ELEMENT OR FIXTURE
	WALL FINISH TAG, REFER TO AF100 DRAWINGS
	FLOOR FINISH TAG, REFER TO AF100 DRAWINGS
	CEILING FINISH TAG, REFER TO AF100 DRAWINGS

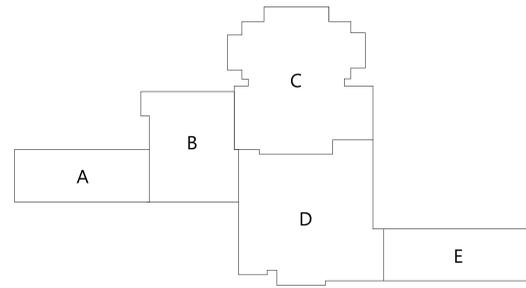
DETAIL INDICATOR LEGEND



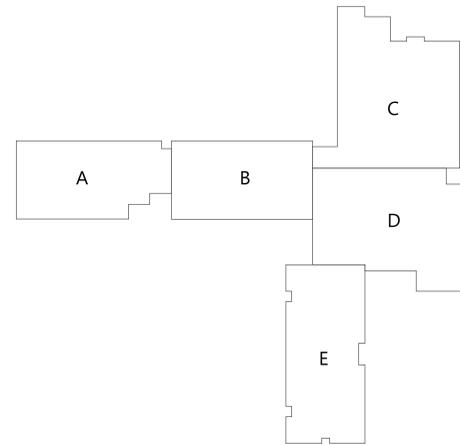
BUILDING KEYPLANS



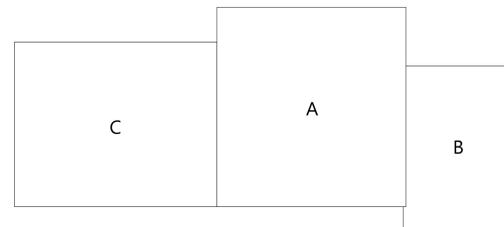
HIGHLAND MIDDLE SCHOOL (HMS)



HIGHLAND HIGH SCHOOL (HHS)



HIGHLAND ELEMENTARY SCHOOL (HES)

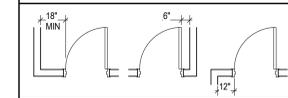


HIGHLAND BUS GARAGE (HBG)

PLAN GRAPHICS

	EXISTING CONSTRUCTION TO REMAIN
	EXISTING CONSTRUCTION TO BE REMOVED
	NEW CONCRETE MASONRY WALL
	NEW METAL STUD WALL
	NEW BRICK VENEER
	EXISTING DOOR TO REMAIN
	EXISTING DOOR TO BE REMOVED
	NEW DOOR

FINISHED DOOR OPENINGS SHALL BE LOCATED AS INDICATED BELOW UNO. DIMENSIONS SHOWN ARE CLEAR DIMENSIONS FROM INSIDE OF FRAME TO WALL FINISH.



GENERAL NOTES

- DIMENSIONS ARE GIVEN THUS (UNLESS NOTED OTHERWISE)
 - A. TO FACE OF MASONRY WALL
 - B. TO FACE OF METAL STUD
 - C. TO COLUMN CENTERLINES
 - D. TO FINISH FACE OF SOFFIT OR CEILING
 - E. FACE OF EXISTING CONSTRUCTION
- DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
- WALLS ON COLUMN LINES ARE CENTERED UNO.
- ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD. CONTRACTOR TO NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
- LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSION. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
- ALL ELEVATIONS (X'-X") ARE REFERENCE FROM FIRST FLOOR ELEVATION.
- ALL WOOD BLOCKING WITHIN ROOFING SYSTEM AND WITHIN 2'-0" OF GRADE SHALL BE PRESSURE TREATED.
- ALL FLOOR PENETRATIONS SHALL BE SMOKE-SEALED AND FOR FIRE STOPPED. COORDINATE WITH HW DWSGS FOR SMOKE / FIRE DAMPER REQUIREMENTS.
- FOR INTERIOR PARTITION TYPES, REFER TO DRAWING A701.
- FOR FINISH SCHEDULE, REFER TO DRAWING AF901.
- ALL EXPOSED SURFACES OF NEW PARTITIONS AND SOFFITS ARE TO BE FINISHED.
- PROVIDE PATCH TO MATCH EXISTING FINISHES AT ALL REMOVAL AREAS, COORDINATE WITH DEMOLITION DRAWINGS AND SPECIFICATIONS.
- FOR ALL MATERIAL TESTING, REFER TO SPECIFICATION DIVISION 00020.
- ALL CONSTRUCTION SHOWN IS NEW UNLESS NOTED OTHERWISE.

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Consultant

HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND MIDDLE SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



Expiration Date: 02/28/2025

DATE	DESCRIPTION

Drawn By:	CSA
Checked By:	CSA
Proj. #:	62-08-03-04-0-001-010
CSArch Proj. #:	197-2201-01
Issued for Bid:	08/18/23

Sheet Title

SYMBOLS, ABBREVIATIONS, KEY PLANS, AND MISC.

Sheet No.

HMS
G001

CONSTRUCTION DOCUMENTS

GENERAL NOTES:

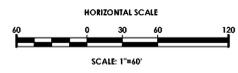
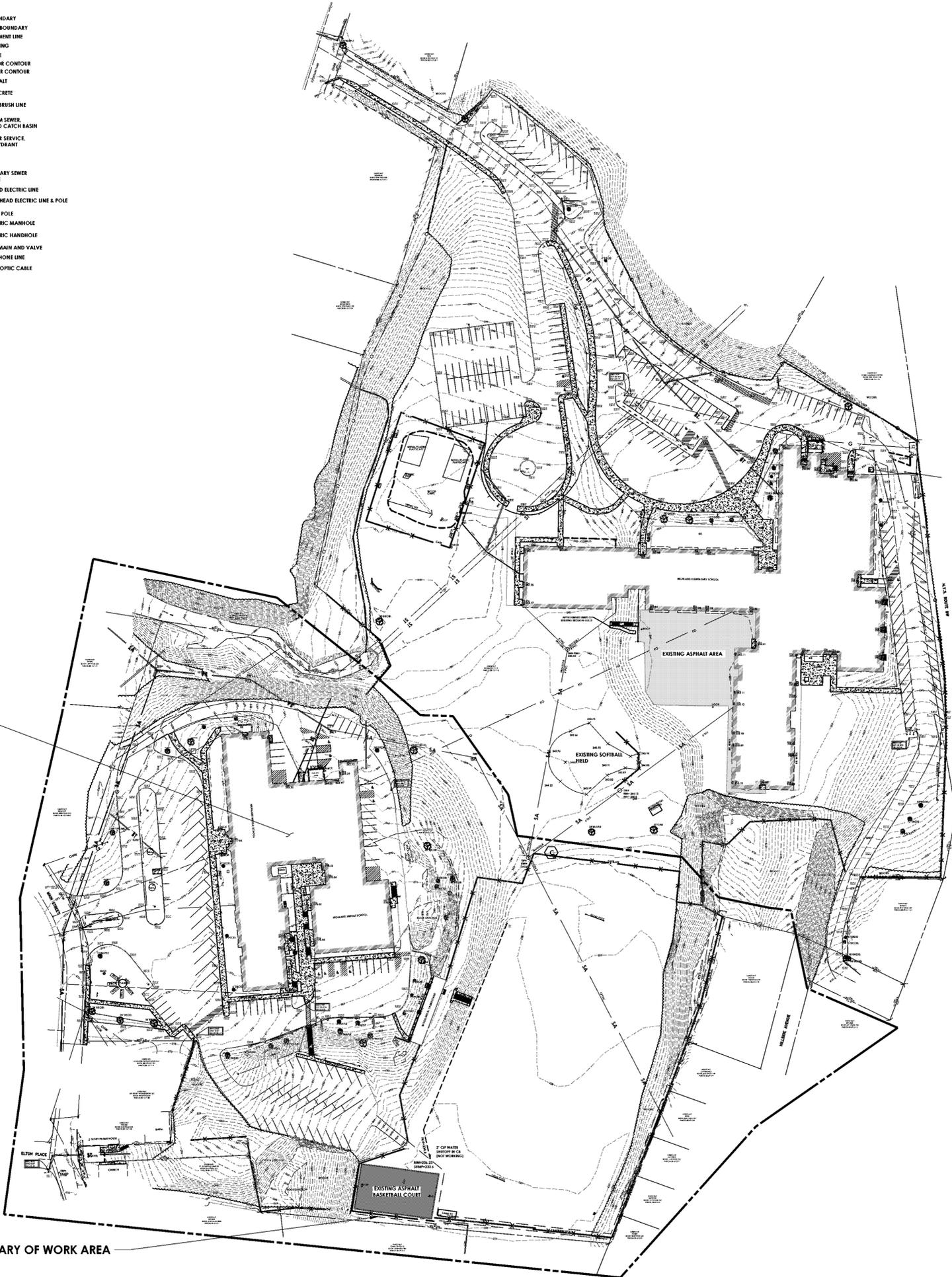
- EXISTING CONDITIONS SHOWN ARE BASED ON THE BOUNDARY AND TOPOGRAPHIC SURVEY PREPARED BY BOLTON SURVEYING P.C. ON DEC. 31, 2014 AND REVISED JANUARY 11, 2015.
- CONTRACTOR SHALL FIELD VERIFY ACTUAL SITE CONDITIONS. CONTRACTOR SHALL IDENTIFY DISCREPANCIES THAT AFFECT THE WORK TO THE OWNER REPRESENTATIVE AND OBTAIN APPROVAL FOR DEVIATIONS PRIOR TO PROCEEDING WITH THE WORK.
- CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY AND NOTIFY OWNER REPRESENTATIVE OF DEVIATIONS THAT AFFECT THE WORK, AND OBTAIN WRITTEN APPROVAL FROM THE OWNER REPRESENTATIVE FOR ADJUSTMENTS TO THE WORK.
- CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES DURING THE WORK, AND VERIFY THEIR FUNCTIONALITY FOLLOWING INSTALLATION OF THE NEW CONCRETE SIDEWALK.
- UPON COMPLETION, ALL PAVEMENT AREAS SHALL BE SMOOTH. ALL CURBS SHALL HAVE A 6-INCH REVEAL (UNLESS OTHERWISE SPECIFIED), AND STORMWATER RUNOFF SHALL DRAIN TO EXISTING OR PROPOSED CATCH BASINS.
- ALL EXISTING SURFACE UTILITIES SHALL BE FLORED WITH ADJACENT CONCRETE OR LAWN SURFACE.
- RESTORE LAWN DAMAGED DURING THE WORK WITH MATERIALS MATCHING THE EXISTING CONDITION.

LEGEND:

- PROPERTY BOUNDARY
- RIGHT OF WAY BOUNDARY
- EXISTING EASEMENT LINE
- EXISTING BUILDING
- EXISTING FENCE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING TREE/BRUSH LINE
- EXISTING STORM SEWER, MANHOLE, AND CATCH BASIN
- EXISTING WATER SERVICE, VALVE, AND HYDRANT
- EXISTING SIGN
- EXISTING SANITARY SEWER AND MANHOLE
- EXISTING BURIED ELECTRIC LINE
- EXISTING OVERHEAD ELECTRIC LINE & POLE
- EXISTING LIGHT POLE
- EXISTING ELECTRIC MANHOLE
- EXISTING ELECTRIC HANDHOLE
- EXISTING GAS MAIN AND VALVE
- EXISTING TELEPHONE LINE
- EXISTING FIBER OPTIC CABLE

HIGHLAND MIDDLE SCHOOL

APPROXIMATE BOUNDARY OF WORK AREA



Project Title
**HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND MIDDLE SCHOOL
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1**

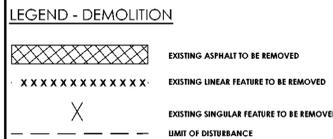
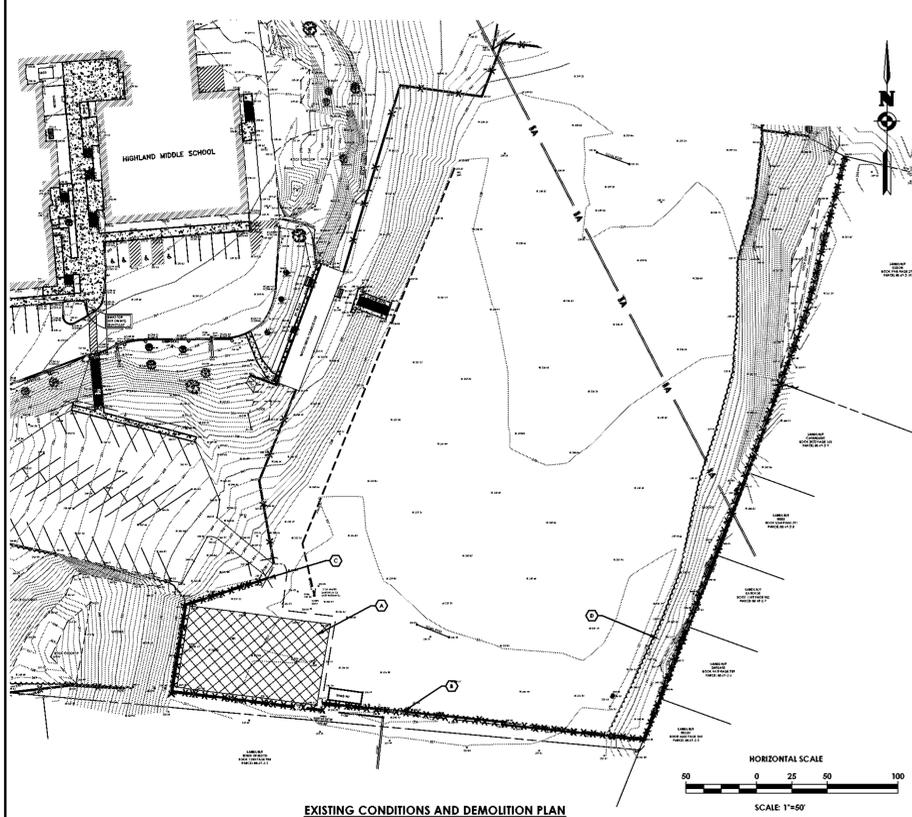


DATE	DESCRIPTION

Drawn By: CV
Checked By: CIL
Proj. #: 62-08-03-04-0-001-010
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Sheet Title
**EXISTING
CONDITIONS
AND KEY PLAN**

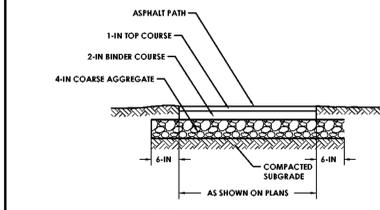
Sheet No.
**HMS
C120**



- DEMOLITION NOTES:**
- DIMENSIONS SHOWN ARE APPROXIMATE AND MAY VARY BASED ON FIELD CONDITIONS.
 - SECURITY: PROVIDE, INSTALL AND MAINTAIN TEMPORARY BARRIERS AND SECURITY DEVICES.
 - DISPOSE: CONTRACTOR IS RESPONSIBLE TO CALL DGS SAFE PRIOR TO BEGINNING DEMOLITION.
 - ASPHALT: THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION WORK SHOWN INCLUDING ALL REMOVALS AS NECESSARY FOR THE CONSTRUCTION OF THE WORK. EVEN IF NOT SPECIFICALLY NOTED ON THE CONTRACT DOCUMENTS.
 - DEMOLITION: CONTRACTOR SHALL COORDINATE THE REMOVAL OF DEMOLISHED MATERIAL WITH THE OWNERS REPRESENTATIVE. SITE FURNISHINGS AND MATERIAL DETERMINED TO BE REMOVED SHALL BE REMOVED AND EXPORTED OFF-SITE BY TRUCK AND IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
 - PROTECT: ALL EXISTING FEATURES TO REMAIN, DAMAGE TO EXISTING ASPHALT, LAWN AND OTHER FEATURES TO REMAIN SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 - EXISTING UTILITIES THAT ARE PROPOSED TO BE REMOVED, UNLESS OTHERWISE INDICATED, SHALL BE EXCAVATED, UTILITY MATERIAL REMOVED, AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE SPECIFICATIONS. ALL TRENCHES SHALL BE BACKFILLED WITH GRANULAR FILL, COMPACTED IN 12" LIFTS TO 90% MOISTURE PROCTOR TEST. ALL DISTURBED AREAS SHALL BE RESTORED IN KIND IN ACCORDANCE WITH THE DETAILS IN THESE PLANS AND AT A MINIMUM TO THEIR ORIGINAL STATE.
 - REMOVE: AREAS OF ASPHALT AND CONCRETE REMOVAL SHALL BE SAWCUT WITH A HEAT STRAIGHT LINE AT ALL REMOVAL LIMITS.
 - PERMITS: CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL PERMITS REQUIRED FOR DEMOLITION AND CONSTRUCTION, INCLUDING ALL FEES ASSOCIATED WITH THOSE PERMITS, IN THE BID.
 - ENVIRONMENTAL CONDITIONS OR ISSUES, NOT PREVIOUSLY IDENTIFIED, ARE ENCOUNTERED DURING DEMOLITION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND ENGINEER BEFORE CONTINUING THE DEMOLITION PROCESS.

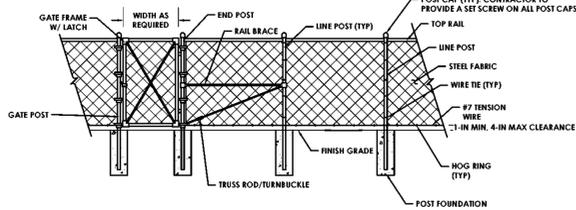
PAVEMENT DEMOLITION NOTES:

- REMOVE FULL DEPTH OF ASPHALT AND/OR CONCRETE.
- EXISTING SURFABLE SUB-BASE ENCOUNTERED DURING EXCAVATION SHALL BE STOCKPILED FOR RE-USE. EXCESS OR UNSURFABLE MATERIALS SHALL BE HAULED OFF-SITE.
- PREPARE AND PLACE A SUB-BASE COURSE COMPOSED OF A BLEND OF THE EXISTING SUB-BASE (FROM STOCKPILE) AND ADDITIONAL STONE AGGREGATE (IF NEEDED) TO OBTAIN THE SPECIFIED DEPTH.



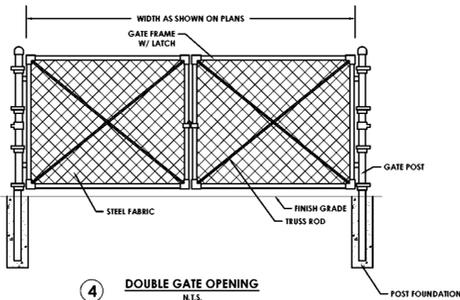
- NOTES:**
- ALL DEPTHS SHOWN ARE COMPACTED DEPTH.
 - MAXIMUM LIFT THICKNESS = SIX INCHES.
 - COMPACT SUBGRADE TO A FIRM AND UNYIELDING STATE.
 - SURFACE SHALL BE SLOPED AT 1/4-IN PER FOOT.

2 ASPHALT PATH DETAIL
N.T.S.

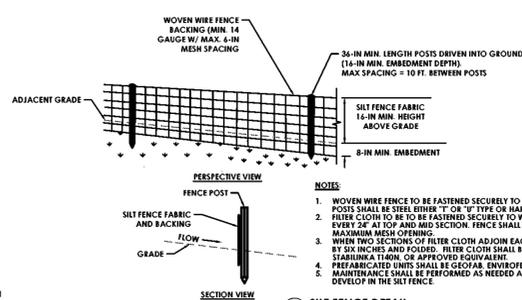


3 4 FOOT HIGH CHAIN-LINK PERIMETER-SECURITY FENCE
N.T.S.

- NOTES:**
- A GROUNDING ROD AND CONNECTION SHALL BE PLACED EVERY 500 FT.
 - FENCE FABRIC SHALL HAVE BLACK VINYL COATING.

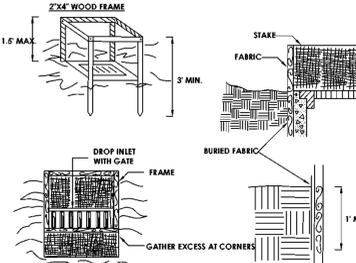


4 DOUBLE GATE OPENING
N.T.S.



- NOTES:**
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
 - FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH IRCS SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 14 GAUGE, 4" MAXIMUM MESH OPENING.
 - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND BOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MILITARY TOX, STABILUMMA T100N, OR APPROVED EQUIVALENT.
 - PREFABRICATED UNITS SHALL BE GEOTEX, ENVIRONMENTAL, OR APPROVED EQUIVALENT. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

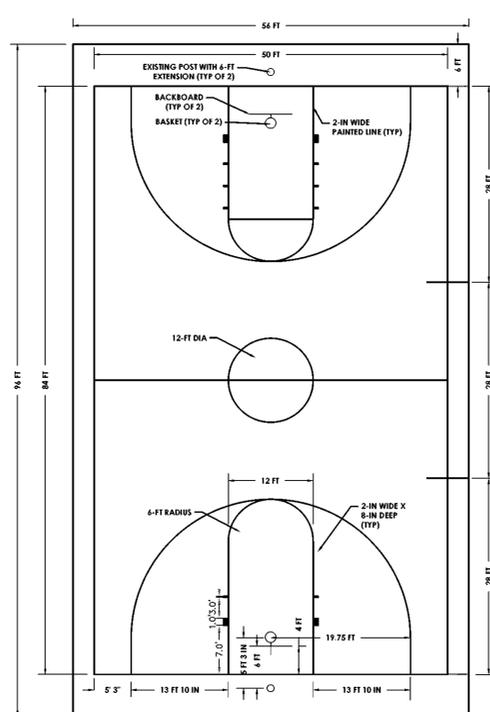
5 SILT FENCE DETAIL
N.T.S.



- CONSTRUCTION SPECIFICATIONS:**
- FILTER FABRIC SHALL HAVE AN EOS OF 40-65. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
 - CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
 - STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
 - SPACE STAKES EXTERNALLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. STAKES GREATER THAN 1 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
 - FABRIC SHALL BE UNLAPPED 4 FEET MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
 - A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.

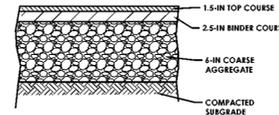
6 FILTER FABRIC DROP INLET PROTECTION
N.T.S.

CAD FILE NOTE:
CAD FILE CAN BE PREPARED AND PROVIDED TO THE SITE CONTRACTOR FOR A FEE, PAID FOR BY THE CONTRACTOR, AND SIGNING OF PASSERO'S CAD RELEASE FORM.



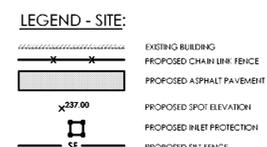
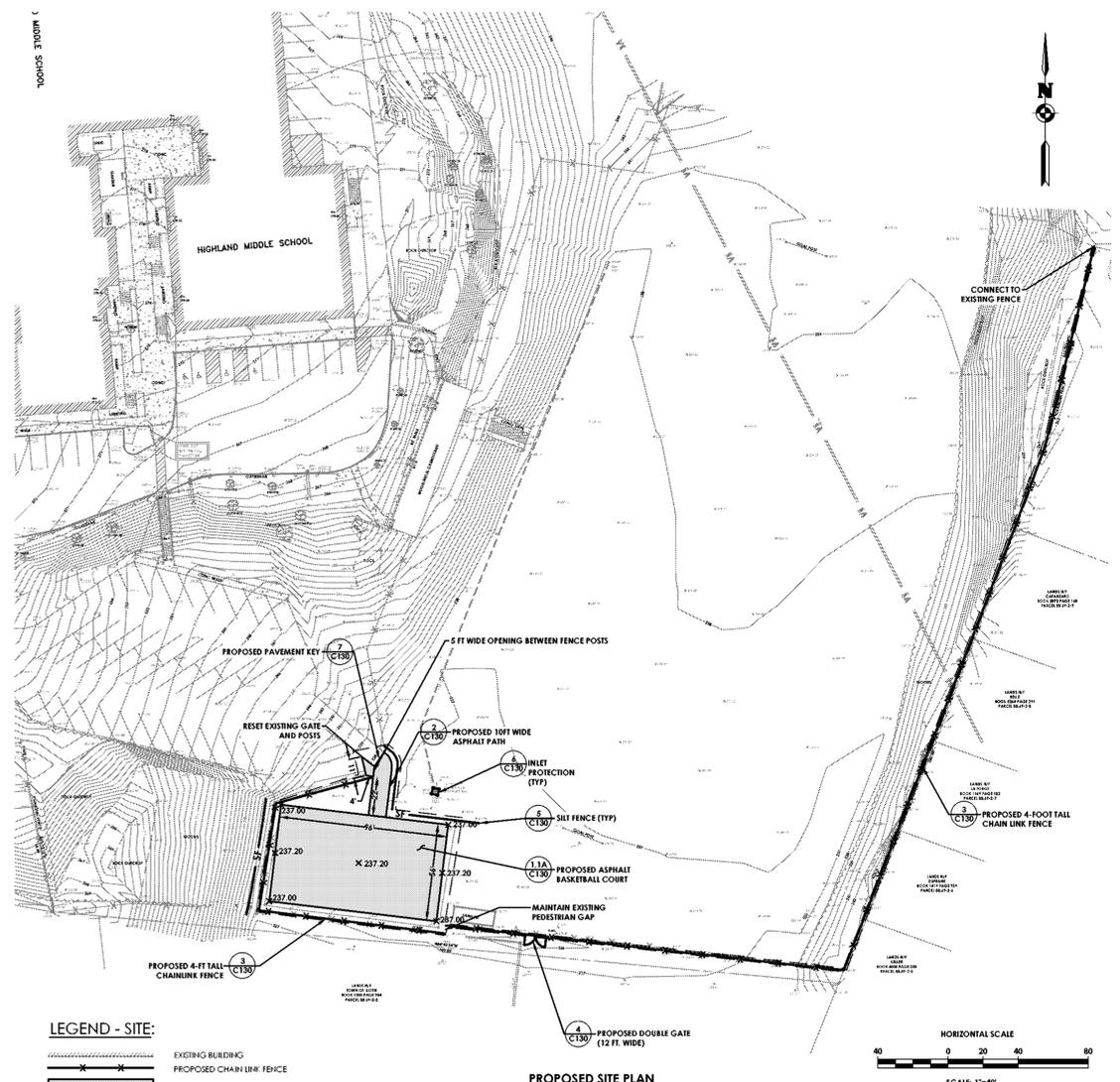
- NOTES:**
- THE TOP OF THE METAL BASKET RING SHALL BE 10 FT ABOVE THE PLAYING SURFACE AS RECOMMENDED BY THE NISHA BASKETBALL HANDBOOK.
 - PITCH FINISH GRADE AWAY FROM GOAL POSTS.

1 BASEKETBALL COURT DETAIL
N.T.S.

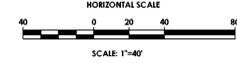


1A BASEKETBALL COURT ASPHALT PAVEMENT SECTION
N.T.S.

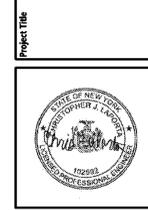
- NOTES:**
- FOLLOWING REMOVAL OF THE EXISTING ASPHALT, CONTRACTOR SHALL INSTALL THE SUB-BASE MATERIALS. IF EXISTING SUB-BASE IS SUITABLE FOR RE-USE TO BE CONFIRMED BY THE ENGINEER. THE CONTRACTOR MAY GRADE AND COMPACT THE EXISTING SUB-BASE FOR RE-USE PRIOR TO APPLYING NEW ASPHALT.
 - ALL DEPTHS SHOWN ARE COMPACTED DEPTH.
 - MAXIMUM LIFT THICKNESS = SIX INCHES.



PROPOSED SITE PLAN
1" = 40'



HIGHLAND CENTRAL SCHOOL DISTRICT
HIGHLAND MIDDLE SCHOOL
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DATE	DESCRIPTION

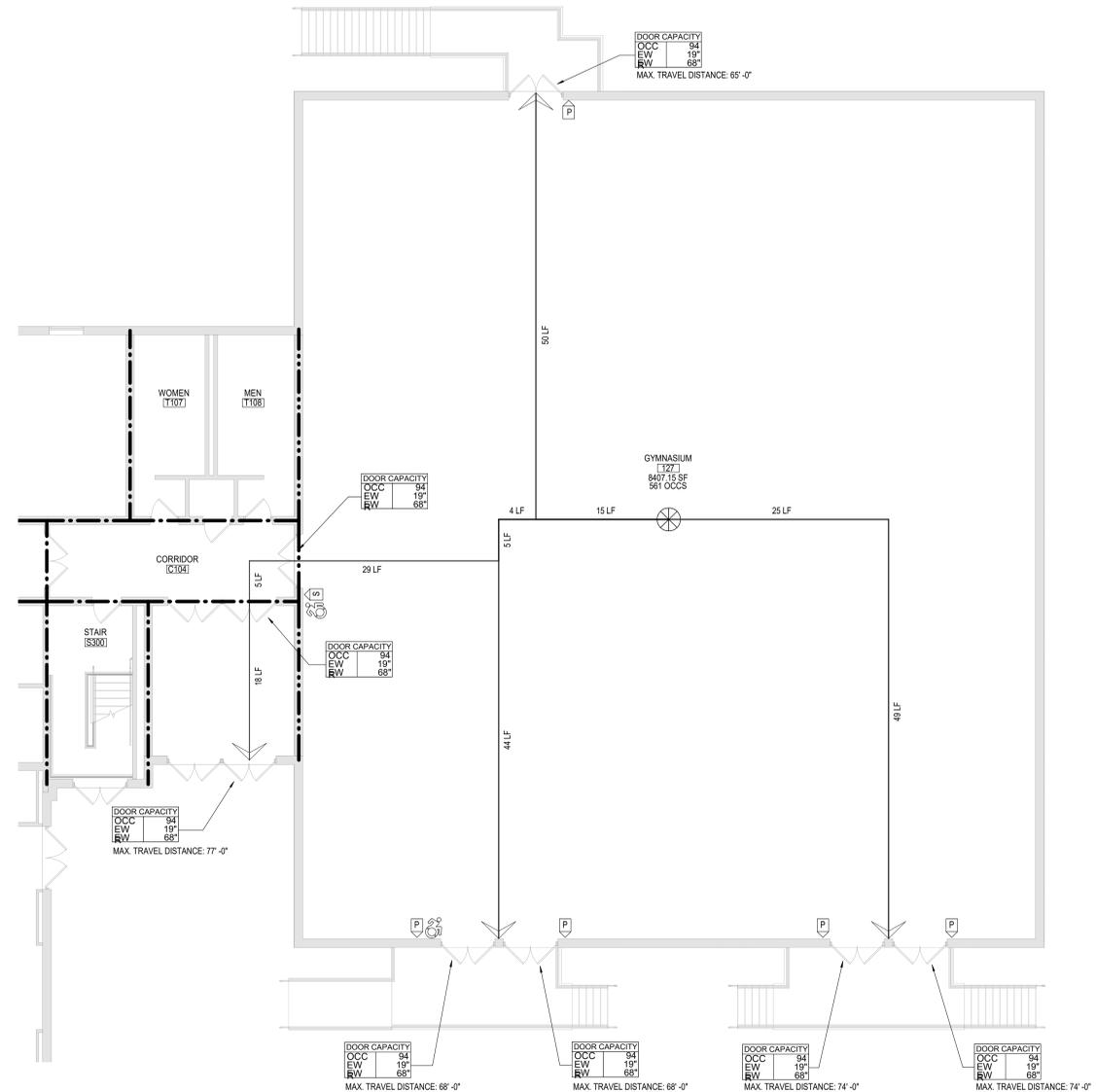
Drawn By: **RL**
Checked By: **CS**
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Sheet Title
DEMOLITION, SITE PLAN, AND DETAILS

Sheet No.
HMS C130
CONSTRUCTION DOCUMENTS

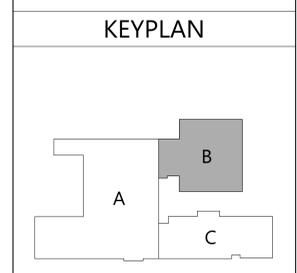
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CODE NOTES	LIFE SAFETY PLAN LEGEND
<p>ALL NEW WORK TO BE PERFORMED SHALL BE IN ACCORDANCE WITH THE FOLLOWING:</p> <ol style="list-style-type: none"> 2020 INTERNATIONAL BUILDING CODE 2020 INTERNATIONAL EXISTING BUILDING CODE NYS BUILDING CODE SUPPLEMENTS ANSI A117.1-09 2022 NYS ED MANUAL OF PLANNING STANDARDS <p>ALL EXISTING CONDITIONS AND NEW WORK CONDITIONS CONTAIN THE FOLLOWING MAXIMUM TRAVEL DISTANCES:</p> <ol style="list-style-type: none"> EXIT ACCESS TRAVEL DISTANCE SHALL NOT EXCEED 200 FEET FOR UNSPRINKLERED BUILDINGS OF OCCUPANCY TYPE 'E' ANY POINT IN ANY GROUND FLOOR CORRIDOR MUST BE WITHIN 150 FEET ALONG THE LINE OF TRAVEL TO AN EXTERIOR DOORWAY. ANY POINT IN A CORRIDOR OTHER THAN A GROUND FLOOR CORRIDOR SHALL NOT EXCEED 120 FEET ALONG THE LINE OF TRAVEL TO THE STAIR ENCLOSURE OR AN EXIT STAIRWAY. <p>ALL EXISTING CONDITIONS AND NEW WORK CONDITIONS CONTAIN THE FOLLOWING DEAD-END CORRIDOR INFORMATION:</p> <ol style="list-style-type: none"> DEAD-END CORRIDOR POCKETS SHALL NOT EXCEED A MAXIMUM DEPTH OF 1 1/2 TIMES THE WIDTH OF THE POCKET, OR 1 1/2 TIMES THE WIDTH OF THE CORRIDOR, WHICHEVER IS LESS. MAX DEAD- END DISTANCE IS 20'. 	<p>PRIMARY EXIT</p> <p>SECONDARY EXIT</p> <p>RESCUE WINDOW (SECONDARY EXIT)</p> <p>ACCESSIBLE EXIT</p> <p>RESCUE ASSISTANCE STATION / AREA OF REFUGE</p> <p>NUMBER OF OCCUPANTS PER TABLE 1004.1.2 (ACTUAL NUMBER OF OCCUPANTS)</p> <p>REQUIRED EXIT WIDTH FOR DOOR BASED ON (OCCUPANT * 0.2)</p> <p>REQUIRED EXIT WIDTH FOR STAIRS BASED ON (OCCUPANT * 0.3)</p> <p>EXIT PATH OF TRAVEL (START - END)</p> <p>ABBREVIATIONS</p> <p>DC DEFIBRILLATOR CABINET</p> <p>EWP EXIT WIDTH PROVIDED</p> <p>EWR EXIT WIDTH REQUIRED</p> <p>FE FIRE EXTINGUISHER</p> <p>FEC FIRE EXTINGUISHER CABINET</p> <p>OCCS NUMBER OF OCCUPANTS IN SPACE</p> <p>SMOKE SEPARATION NOTES</p> <p>PER S.E.D. S105-1, FLOORS SMOKE SEPARATED</p> <p>PER S.E.D. S-105.3.0.5, SMOKE SEPARATED ZONES APPROX. 30,000 SF OR LESS</p> <p>SMOKE BARRIER</p> <p>DUCTWORK PENETRATIONS REQUIRED</p> <p>SMOKE DAMPER</p> <p>PER S.E.D. S105-2.4, IN SPRINKLERED BUILDINGS, ALL CORRIDORS SHALL BE PROTECTED FROM THE SPREAD OF SMOKE FROM ADJACENT SPACES. DOOR CLOSERS AND SMOKE DAMPERS ARE REQUIRED</p> <p>FIRE SEPARATION NOTES</p> <p>1 HOUR RATED FIRE PARTITION</p> <p>2 HOUR RATED FIRE PARTITION</p> <p>CODE NARRATIVE:</p> <p>1938 ORIGINAL CONSTRUCTION:</p> <p>CONSTRUCTION TYPE: IB</p> <p>GROUND FLOOR AREA: 7,357 SF GROSS</p> <p>FIRST FLOOR AREA: 32,919 SF GROSS</p> <p>SECOND FLOOR AREA: 32,919 SF GROSS</p> <p>CURRENT USE: 'E' - EDUCATION</p> <p>2001 CONSTRUCTION:</p> <p>CONSTRUCTION TYPE: IB</p> <p>GROUND FLOOR AREA: 8,212 SF GROSS</p> <p>FIRST FLOOR AREA: 44,513 SF GROSS</p> <p>SECOND FLOOR AREA: 35,982 SF GROSS</p> <p>CURRENT USE: 'E' - EDUCATION</p> <p>BUILDING AREA:</p> <p>(PER TABLE 506.2)</p> <p>PERMITTED FOR TYPE IB / GROUP 'E'</p> <p>REQUIRED CORRIDOR FIRE-RESISTANCE RATING:</p> <p>(PER TABLE 1004.3.2.1)</p> <p>1 HOUR</p>
<p>CONSTRUCTION HISTORY</p>	



1 FIRST FLOOR LIFE SAFETY PLAN - GYMNASIUM
 LS112 1/8" = 1'-0"

NOTE:
 SCOPE OF WORK IN THE GYMNASIUM INCLUDES NEW SOUND SYSTEM AND EQUIPMENT.
 REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION

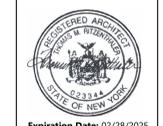


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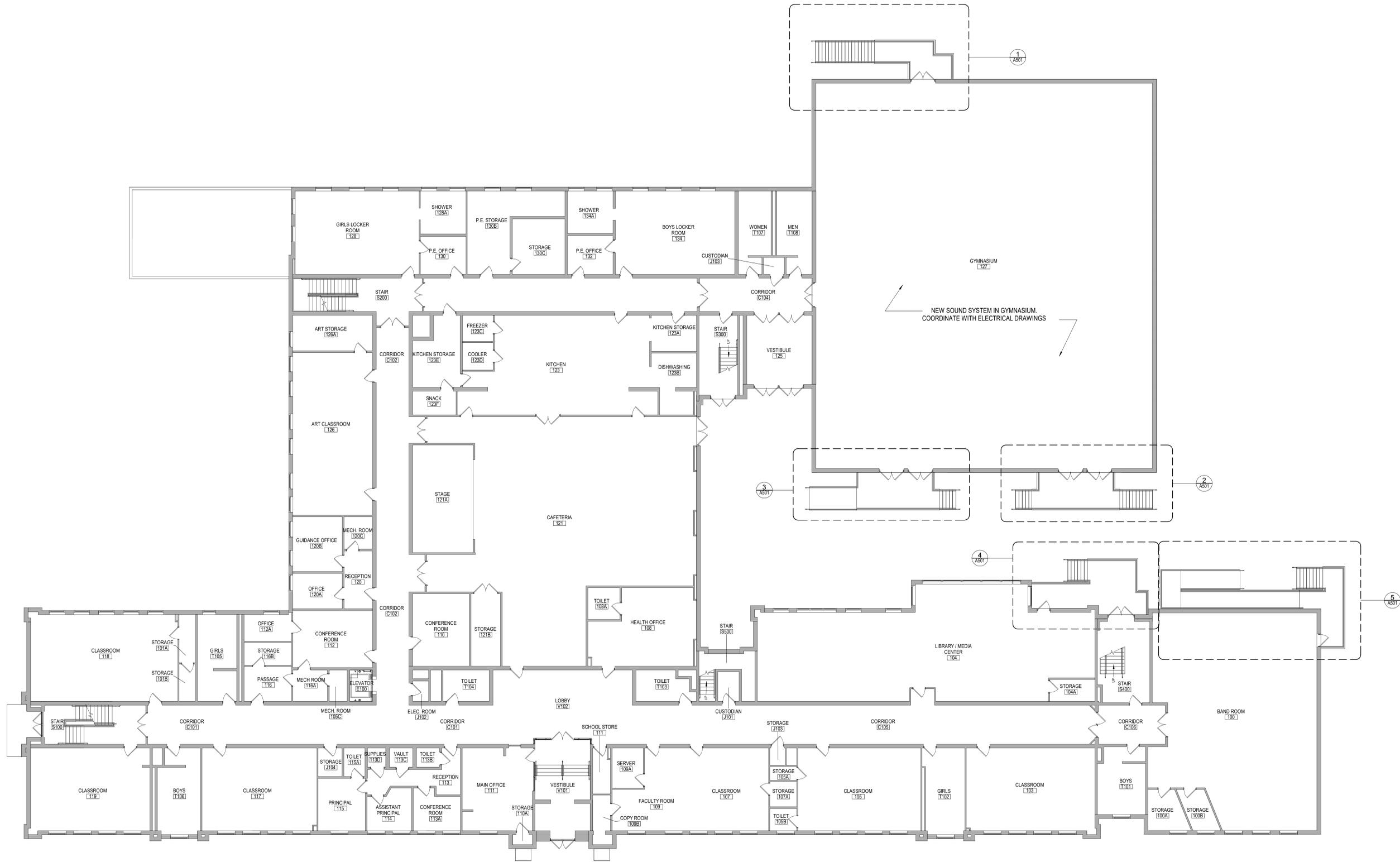
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Sheet Title
**FIRST FLOOR
 LIFE SAFETY
 PLAN -
 GYMNASIUM**

Sheet No.
**HMS
 LS112**

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1 FIRST FLOOR OVERALL NEW WORK PLAN
 A110 1" = 10'-0"

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HIGHLAND CENTRAL SCHOOL DISTRICT
 HIGHLAND MIDDLE SCHOOL
 2022 CAPITAL IMPROVEMENT PROJECT - PHASE 1

Project Title



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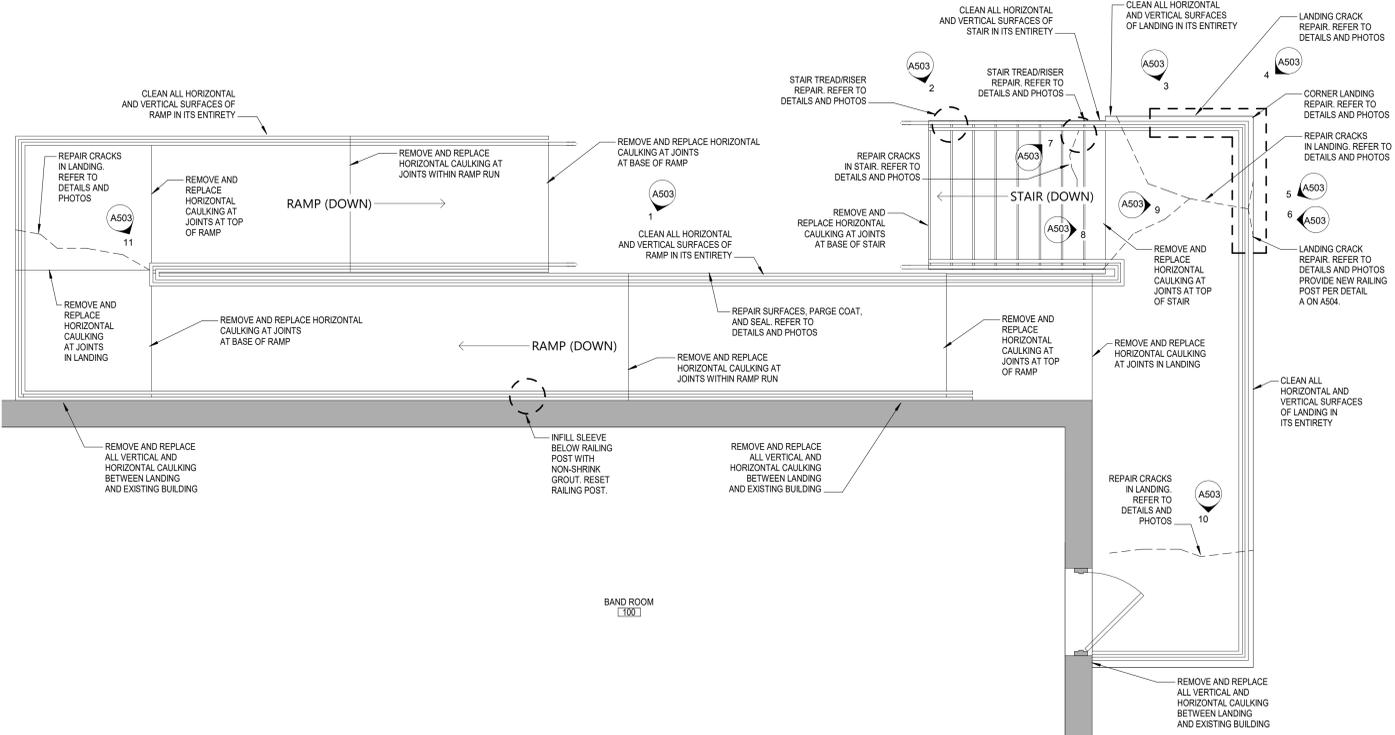
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Sheet Title
 FIRST FLOOR
 OVERALL NEW
 WORK PLAN

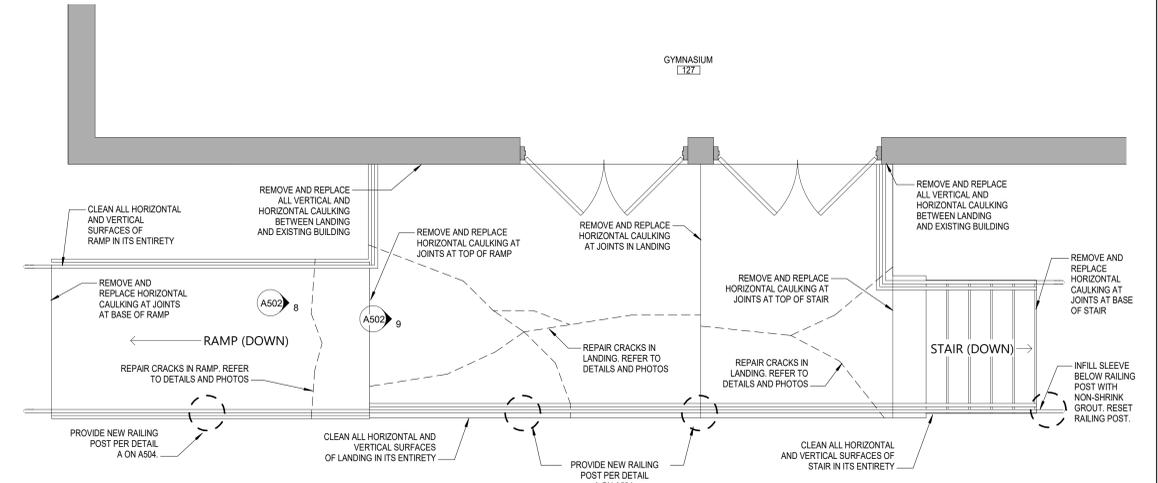
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**HMS
 A110**

GENERAL NOTES

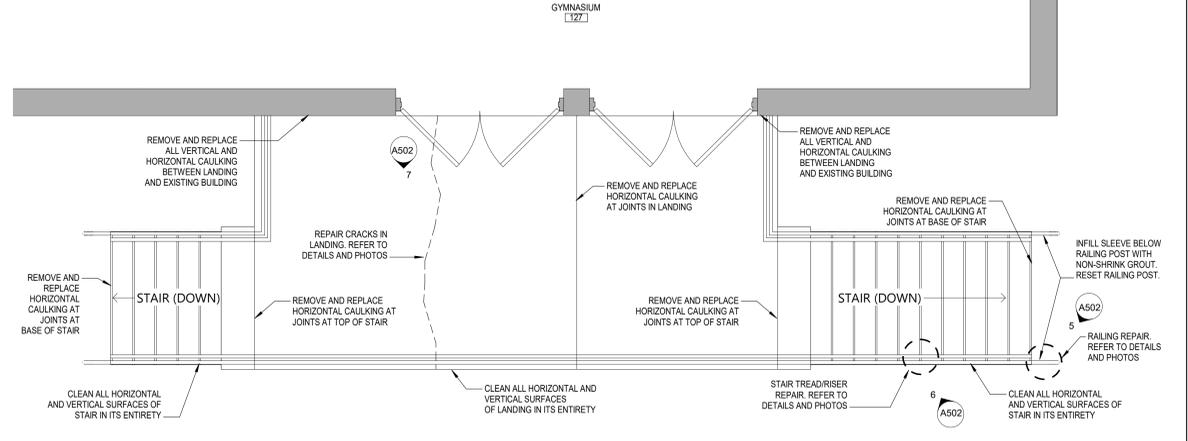
1. ALL HORIZONTAL AND VERTICAL CONCRETE SURFACES TO BE SEALED WITH NEW CONCRETE SEALING MATERIAL.
 - A. BASIS OF DESIGN:
 - a. PENETREAT 244-100 WATER REPELLENT PENETRATING SEALER MANUFACTURED BY W.R. MEADOWS. INSTALL AS PER THE MANUFACTURER'S REQUIREMENTS
2. AFTER THE COMPLETION OF ALL RAILING REPAIRS, PROVIDE NEW HIGH-PERFORMANCE PAINT COATING ON ALL POSTS, RAILS, AND ESCUTCHEONS.
 - A. BASIS OF DESIGN:
 - a. PRO INDUSTRIAL ACRYLIC COATING MANUFACTURED BY SHERWIN WILLIAMS. PREP AND INSTALL AS PER THE MANUFACTURER'S REQUIREMENTS



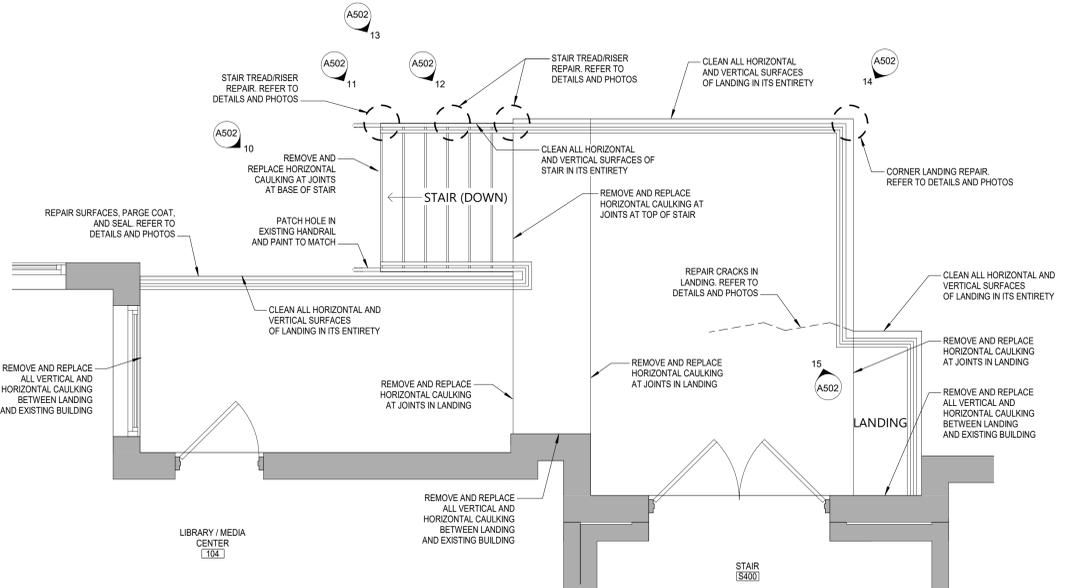
5 ENLARGED PLAN - STAIR, RAMP, AND LANDING B
A501 3/8" = 1'-0"



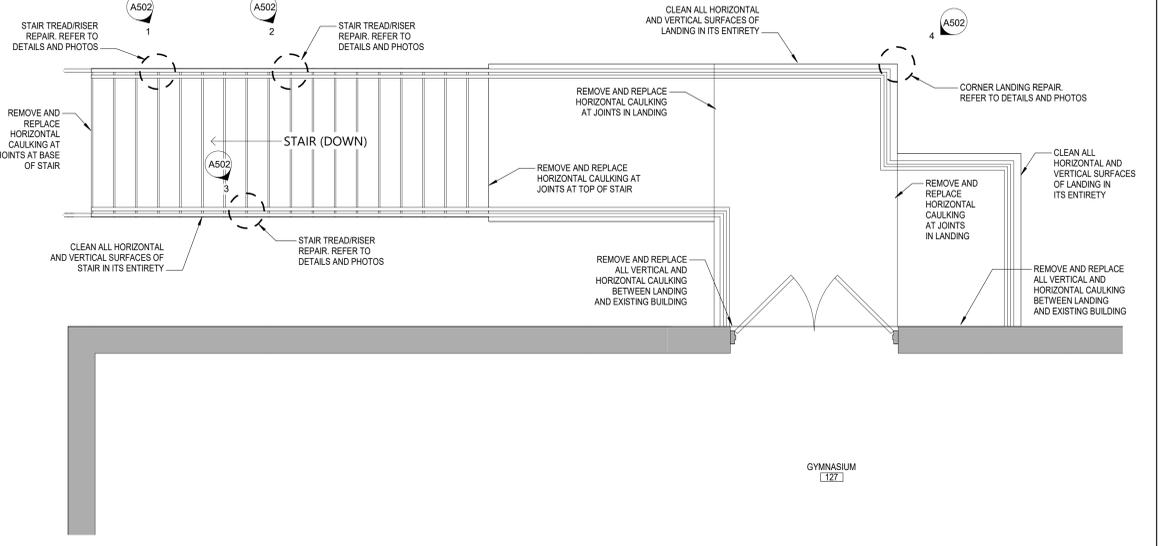
3 ENLARGED PLAN - STAIR, RAMP, AND LANDING C
A501 3/8" = 1'-0"



2 ENLARGED PLAN - STAIRS AND LANDING B
A501 3/8" = 1'-0"



4 ENLARGED PLAN - STAIR AND LANDING D
A501 3/8" = 1'-0"



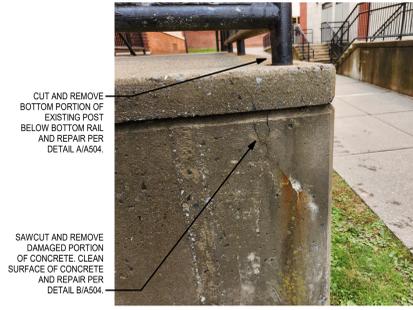
1 ENLARGED PLAN - STAIR AND LANDING A
A501 3/8" = 1'-0"



DATE	DESCRIPTION



15 PHOTO AREA D - 006
A502 12" = 1'-0"



14 PHOTO AREA D - 005
A502 12" = 1'-0"



13 PHOTO AREA D - 004
A502 12" = 1'-0"



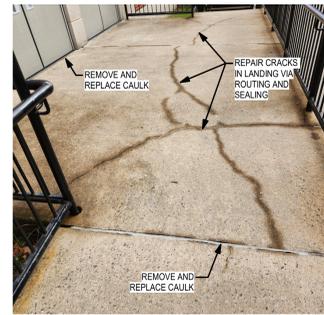
12 PHOTO AREA D - 003
A502 12" = 1'-0"



11 PHOTO AREA D - 002
A502 12" = 1'-0"



10 PHOTO AREA D - 001
A502 12" = 1'-0"



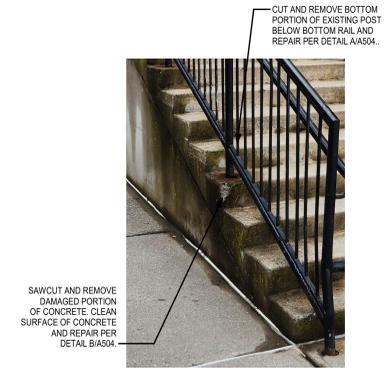
9 PHOTO AREA C - 002
A502 12" = 1'-0"



8 PHOTO AREA C - 001
A502 12" = 1'-0"



7 PHOTO AREA B - 003
A502 12" = 1'-0"



6 PHOTO AREA B - 002
A502 12" = 1'-0"



5 PHOTO AREA B - 001
A502 12" = 1'-0"



4 PHOTO AREA A - 004
A502 12" = 1'-0"



3 PHOTO AREA A - 003
A502 12" = 1'-0"



2 PHOTO AREA A - 002
A502 12" = 1'-0"



1 PHOTO AREA A - 001
A502 12" = 1'-0"

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Project Title



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Sheet Title
**STAIRS,
RAMPS, &
LANDINGS
PHOTOS**

Sheet No.
**HMS
A502**

CONSTRUCTION DOCUMENTS



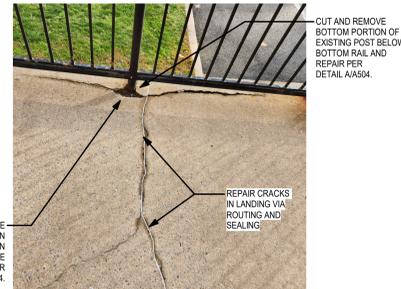
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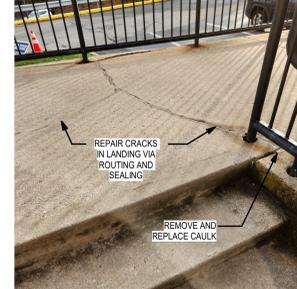
11 PHOTO AREA E - 011
A503 12" = 1'-0"



10 PHOTO AREA E - 010
A503 12" = 1'-0"



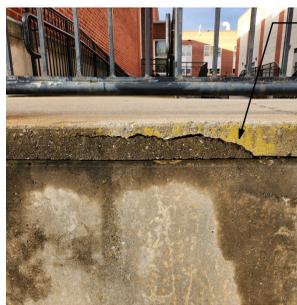
9 PHOTO AREA E - 009
A503 12" = 1'-0"



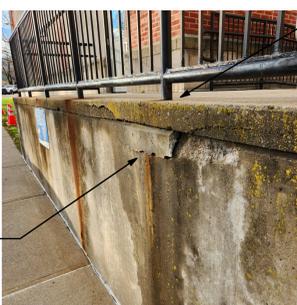
8 PHOTO AREA E - 008
A503 12" = 1'-0"



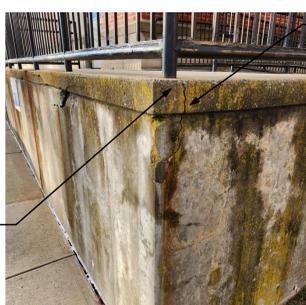
7 PHOTO AREA E - 007
A503 12" = 1'-0"



6 PHOTO AREA E - 006
A503 12" = 1'-0"



5 PHOTO AREA E - 005
A503 12" = 1'-0"



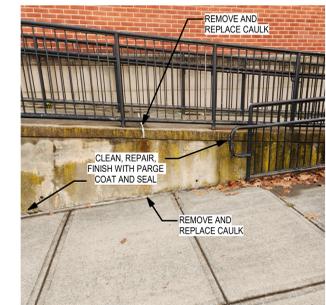
4 PHOTO AREA E - 004
A503 12" = 1'-0"



3 PHOTO AREA E - 003
A503 12" = 1'-0"



2 PHOTO AREA E - 002
A503 12" = 1'-0"



1 PHOTO AREA E - 001
A503 12" = 1'-0"

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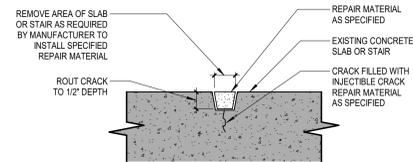
Sheet Title
**STAIRS,
RAMPS, &
LANDINGS
PHOTOS**

Sheet No.
**HMS
A503**

CONSTRUCTION DOCUMENTS

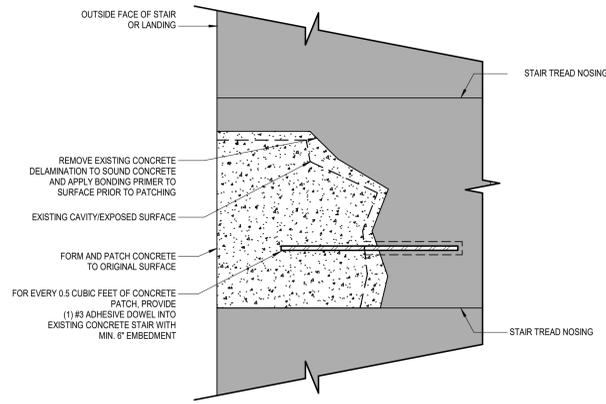
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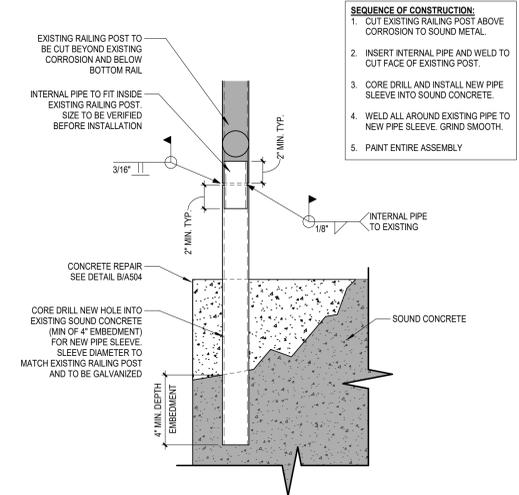
- NOTES:**
- CLEAN AND ROUT CRACK OF ALL FOREIGN MATERIALS AND PREPARE IN ACCORDANCE WITH REPAIR MATERIAL MANUFACTURER'S RECOMMENDATIONS PRIOR TO INSTALLING REPAIR MATERIAL.
 - USE REPAIR MATERIAL PER SPECIFICATION FOR CRACK REPAIR.
 - FOR CRACKS BELOW THE ROUT DEPTH, INJECT CRACK REPAIR MATERIAL INTO CRACK AFTER ROUTING PER SPECIFICATION.

C TYPICAL ROUT AND SEAL CRACK DETAIL
A504 6" = 1'-0"



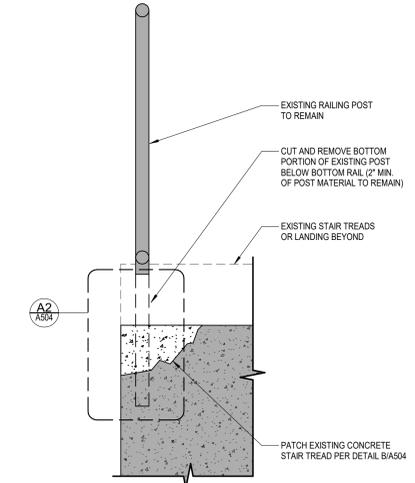
NOTE:
IF EXISTING REBAR IS EXPOSED AFTER REMOVAL OF DELAMINATED CONCRETE, SANDBLAST CLEAN AND REMOVE EXISTING CONCRETE FROM UNDER REINFORCING SO THAT NEW PATCH WILL ENGAGE EXISTING REBAR.

B TYPICAL CONCRETE PATCH DETAIL
A504 3" = 1'-0"



- SEQUENCE OF CONSTRUCTION:**
- CUT EXISTING RAILING POST ABOVE CORROSION TO SOUND METAL.
 - INSERT INTERNAL PIPE AND WELD TO CUT FACE OF EXISTING POST.
 - CORE DRILL AND INSTALL NEW PIPE SLEEVE INTO SOUND CONCRETE.
 - WELD ALL AROUND EXISTING PIPE TO NEW PIPE SLEEVE. GRIND SMOOTH.
 - PAINT ENTIRE ASSEMBLY.

A2 TYPICAL RAILING POST REPAIR
A504 3" = 1'-0"



A1 TYPICAL SECTION AT RAILING POSTS
A504 1 1/2" = 1'-0"

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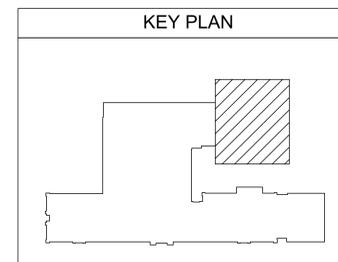
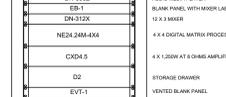
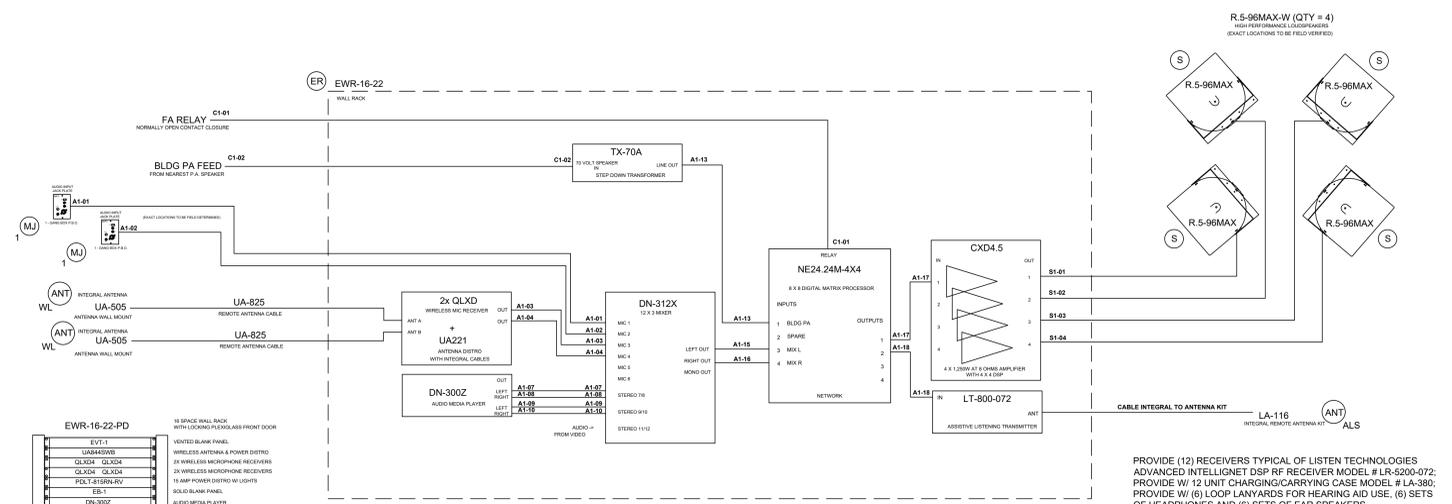
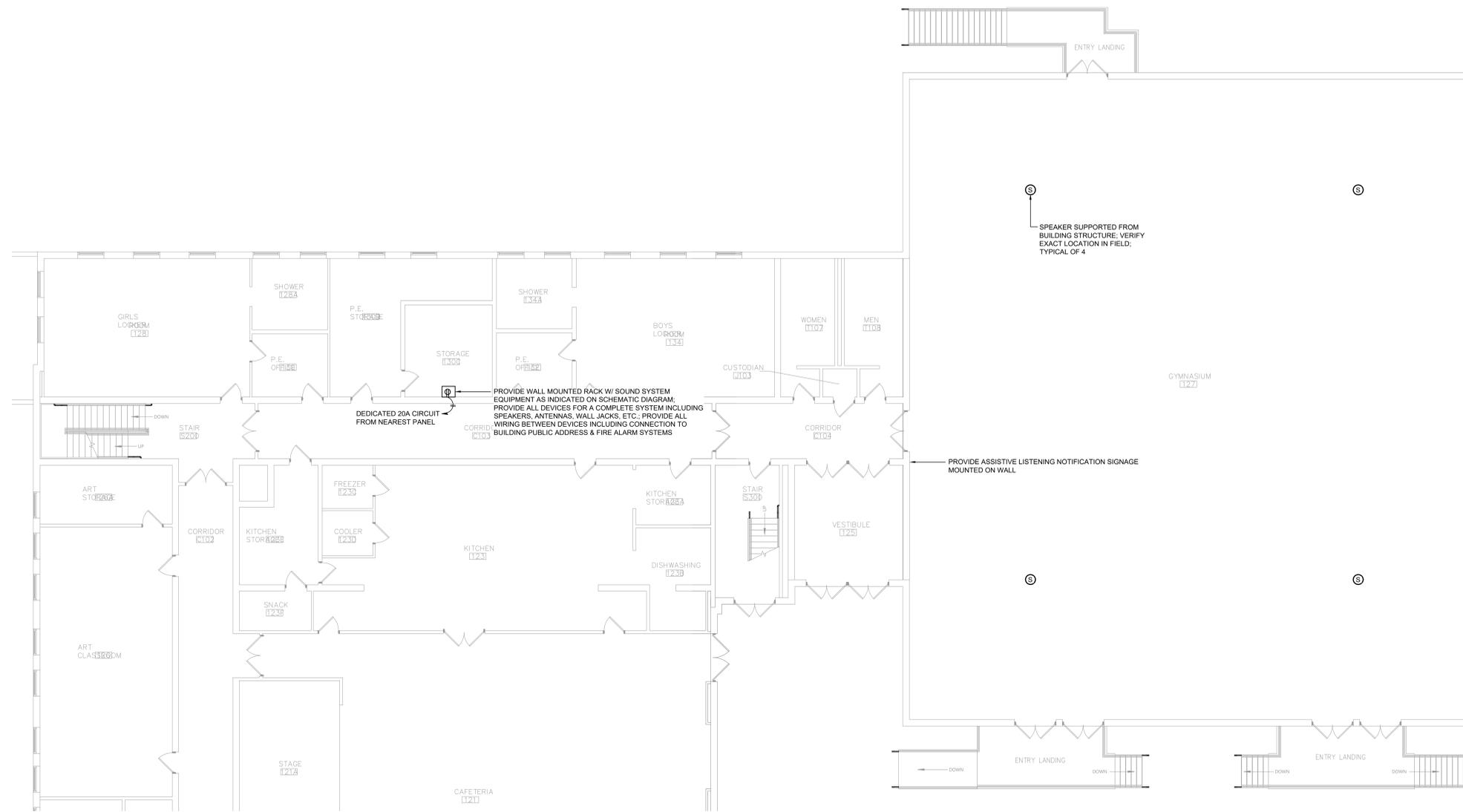
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Sheet Title
STAIRS, LANDINGS & REPAIR DETAILS

Sheet No.
HMS A504

CONSTRUCTION DOCUMENTS

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