



ELKHART COUNTY COURTHOUSE

WEST EXTERIOR STAIR RECONSTRUCTION

GOSHEN, INDIANA

BID DOCUMENTS

JUNE 2, 2022

**ELKHART COUNTY
BOARD OF COMISSIONERS**

FRANK LUCCHESI - VICE PRESIDENT	DISTRICT 1
BRAD ROGERS - MEMBER	DISTRICT 2
SUZANNE WEIRICK - PRESIDENT	DISTRICT 3

ADMINISTRATION

JEFFERY TAYLOR, COUNTY ADMINISTRATOR
DONALD TUBICISAK, DIRECTOR OF BUILDINGS AND GROUNDS

FACILITY ADDRESS

ELKHART COUNTY COURTHOUSE
101 N. MAIN ST.
GOSHEN, INDIANA 46526

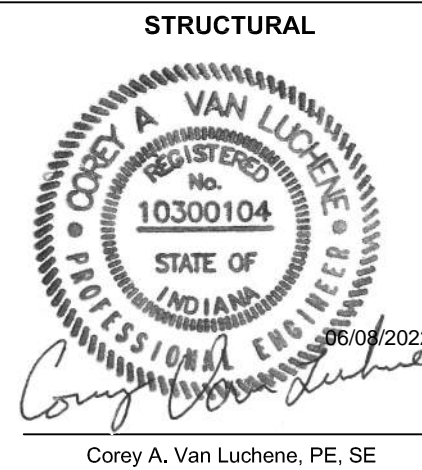


DLZ PROJECT NO. 2261-4862-01



ARCHITECT/ENGINEER:
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South Bend, Indiana 46615
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EACH SEAL APPLIES TO ITS DESIGNATED DISCIPLINE.



ABBREVIATIONS

A.B.	ANCHOR
A.C.	ANCH COF
A.C.T	ACOUST
A.D.	AREA DN
ADD	ADJEN
A.F.F.	ABOVE
A.F.G.	ABOVE
A.P.	ACCESS
A.P.C.	ACOUST
A.V.	AUDIO
AR	ARCHIT
AGGR.	AGGREG
ALT.	ALTERN
ALUM.	ALUMINUM
APPROX.	APPROX
ARCH.	ARCHIT
ASPH.	ASPH
ASSOC.	ASSOC
AVG.	AVERAGE
B.(BOTT.)	BOTTOM
B.S.	BOND BR
B.C.	BOTTOM
B.F.	BARRIER
B.F.P.	BACK FIP
B.L.	BUILDING
B.M.	BENCH
B.T.U.	B.T.U.
B.U.	BUILT UP
BD.	BOARD
BTWN	BETWEEN
BLDG.	BUILDING
B.L.K.	BLOCK
B.L.M.	BLOCKING
BR	BEAM
BRG.	BEARING
BRZ.	BRONZBRN
BSMT.	BASEMENT
C.	CONDUIT
C.B.	CABINET
C.B.	CATCH
CB.	CORNER
CB.	CORNER
C.C.	CEMENT
C.F.M.	CERAMIC
C.G.	CUBIC
CI	CORNER
O.I.	CAST IR
C.I.P.	CIRCUIT
CJ	CIRCLE
CKBD.	CONTRCT
CL.	CHALK
CL.	CENTER
CLG.	CEILING
CLR.	CLOSE
C.M.U.	CLEAR
C.O.	CONCR
C.O.	CLEAN
C.O.	CLEAN
COMP.	COMPAN
CONC.	CONCRE
COND.	CONDE
CONST.	CONSTR
CONTR.	CONTIN
COORD.	COORD
CORR.	CORRID
CORST.	CORRUC
CPT.	CARPET
C.S.	CALCUL
CSB	CAULKING
CTF	CERAMIC
CTW	CERAMIC
CW	CERAMIC
D.	COLD
D.	DEEP
D.F.	DRINKING
D.L.	DEAD L
D.L.S.	DOUBLE
DBL.	DOUBLE
DEG.	DEGREE
DEMO.	DEMOLIT
DEPT.	DEPART
DI.	DIMEN
DIM.	DIMEN
DWG.	DRAWING
DTL.	DETAIL
E.	EXHAU
E.A.	EXHAU
E.C.	ELECTR
E.I.F.S.	EXT. INS
E.H.	EMERG
E.M.	ELECTR
E.MER.	ELECTR
E.PAN.	ELECTR
E.W.	EACH W
E.W.C.	ELEVAT
E.W.C.	ELEVAT
E.L.C.	ELEVAT
ELEV.	ELEVAT
ENG.	ENGINE
E.Q.	EQUAL
E.S.	EXPOS
EQUIP.	EQUIPM
EX.	EXTER
EXIST.	EXISTIN
EXP.	EXPANS
EXT.	EXTERI
F.A.C.P.	FIRE AL
F.C.	FRESH
F.C.	FURNACE
F.D.	FLOOR
F.E.	FIRE EX
F.E.C.	FIRE EX
F.H.C.	FIRE EX
F.M.	FLOOR
F.M.	FIN RAD
F.S.	FOOT SD
F.W.C.	FABRIC
F.F.	FIRE
FLR.	FLOOR
FT.	FOOT
FTG.	FOOTIN

G.A.
G.R.V.
GL
GNP
GR
GR.PD.

H.
H.B.
H.M.
H.O.A.
H.V.A.C.
HWS
HWR
HDWR
HT.(HGT
H.D.P.
HORIZ.
HR.
HYD.

I.D.
I.F.
I.R.
KND.
INFO.
INSUL.
INT.
INV.

JAN.
J.B.
JCT.
JT.

L.
L.M.
LAV.
LBS.
LG.
LG.H
L.H.T.
L.L.(LF.)
L.H.R.
L.L.
L.O.A.
LIN.
LTG.

M.C.
M.D.P.
M.O.
M.O.
M.M.
MAX.
MECH.
MEMB.
MEZZ.
MFR.
M.I.
MISC.
MK.
M.O.
M.TD.
M.G.
MTG.

N.
N.(N/A)
N.C.
NF
N.O.P.
NO.
NOM.
N.T.S.

OA.
O.A.
O.A.I.
O.C.
O.D.
O.F.
O.T.O.

O.R.
OL.
OFC.
O.M.
OPNG.
OPP.
OR.
ORIG.
OZ.

P.A.
P.C.
P.D.
P.F.
P.R.V.
PASS.
PAT.
PERP.
P.LAM.
PLAS.
P.M.G.
PLYWD.
PNEU.
PREFAB.
PROJ.
P.V.
P.CONC.
PTN.
PV.
PVC.

QCV
Q.T.
QUAL.
QTY.

GAUGE
GENERAL CONTRACTOR
GRAVITY ROOF VENTILATOR
GLASS
GROUND
GRADE
GYPSUM BOARD

HIGH
HOSE BIBB
HOLLOW METAL
HAND-OFF-AUTOMATIC
HEATING VENTILATING & AIR-CONDITIONING
HOT WATER
HOT WATER SUPPLY
HOT WATER RETURN
HARDWOOD
HARDWARE
HEIGHT
HIGH DENSITY PARTICLE BOARD
HORIZONTAL
HOUR
HYDRAULIC

INSIDE DIAMETER
INSIDE FACE
INSIDE RADIUS
INCH
INFORMATION
INSULATION
INTERIOR
INVERT

JANITOR OR JANITORIAL
JUNCTION BOX
JUNCTION
JOINT

KILN-DRIED
KITCHEN
KNOCKOUT
KICK PLATE

LEFT
LAMINATED
LAVATORY
POUNDS
LARGE
LENGTH
LEFT HAND
LINEAR FEET
LEFT HAND REVERSE
LIVE LOAD
LENGTH OVER ALL
LINEAR
LIGHTING

MECHANICAL CONTRACTOR
MAIN DISTRIBUTION PANEL
MAIN HOLE
MASONRY OPENING
MATERIAL
MAXIMUM
MECHANICAL
MEMBRANE
MEZZANINE
MANUFACTURER
MINIMUM
MISCELLANEOUS
MIXTURE
MARK
MASONRY
MOUNTED
METAL
MOUNTING

NORTH
NOT APPLICABLE
NOT IN CONTRACT
NEAR FACE
NOT OTHERWISE PROVIDED
NUMBER
NOMINAL
NOT TO SCALE

OVERALL
OUTSIDE AIR
OUTSIDE AIR INTAKE
ON CENTER
OUTSIDE DIAMETER
OUT TO OUT
OUTSIDE FACE
OUTSIDE RADIUS
OVERLOAD
OFFICE
OVERHEAD
OPENING
OPPOSITE
OUTSIDE RADIUS
ORIGINAL
OUNCE

PIPE ANCHOR
PLUMBING CONTRACTOR
PRESSURE DROP
PRE MOLDED JOINT FILLER
PRESSURE REDUCING VALVE
PASSENGER
PATTERN
PERPENDICULAR
PLASTIC LAMINATE
PLASTIC
PLUMBING
PLYWOOD
PNEUMATIC
PANEL
PREFABRICATED
PROJECT
PAINT
PRECAST CONCRETE SLAB
PARTITION
PAVERS
POLYVINYL CHLORIDE

QUICK COUPLER VALVE
QUARRY TILE
QUALITY
QUANTITY

R.
RAD.(R.)
R.A.
R.B.
RBR
RD.
R.D.
REC.
REF.
REV.
REM.
R.H.
R.H.R.
RCP
RECPT.
RECT.
REFR.
REINF.
REQD.
REV.
RFG.
RLG.
RM.
R.R.
RT.
RQVW (R/W)
RVS.
RWC.
RWL

S.A.
S.V.T.
S.C.
S.F.S.
S.P.S.
S.
S.S.
S. TO S.
SHM.
S.V.
SAN.
SCHED.
SECT.
SEW.
SHT.
SHWR.
SIM.
S.M.C.
SPKRS.
SPKR.
SQ.
ST.
STD.
STOR.
STRUCT.
SUSP.
SW.

T
T.&B.
T.&G.
T.C.
T.C.C.
T.C.P.
T.P.
T.W.C.
TBB
TEL.
TEMP.
TERR.
THRU.
TKBD.
TLT.
TOL.
TYP.

U
U.F.D.
U.L.
UNO
U.V.
UR.
UTIL.

VVL
VAR.
VAB.
V.C.P.
VCT.
VERT.
VEST.
VIF
VOL.
V.P.
V.S.
VWC

W.
W.C.
WD.
W.F.
WH
W.H.
W.I.
WP
W.P.
W.M.
WS
W.S.
W.W.F.
WT.

XFMR
XFR

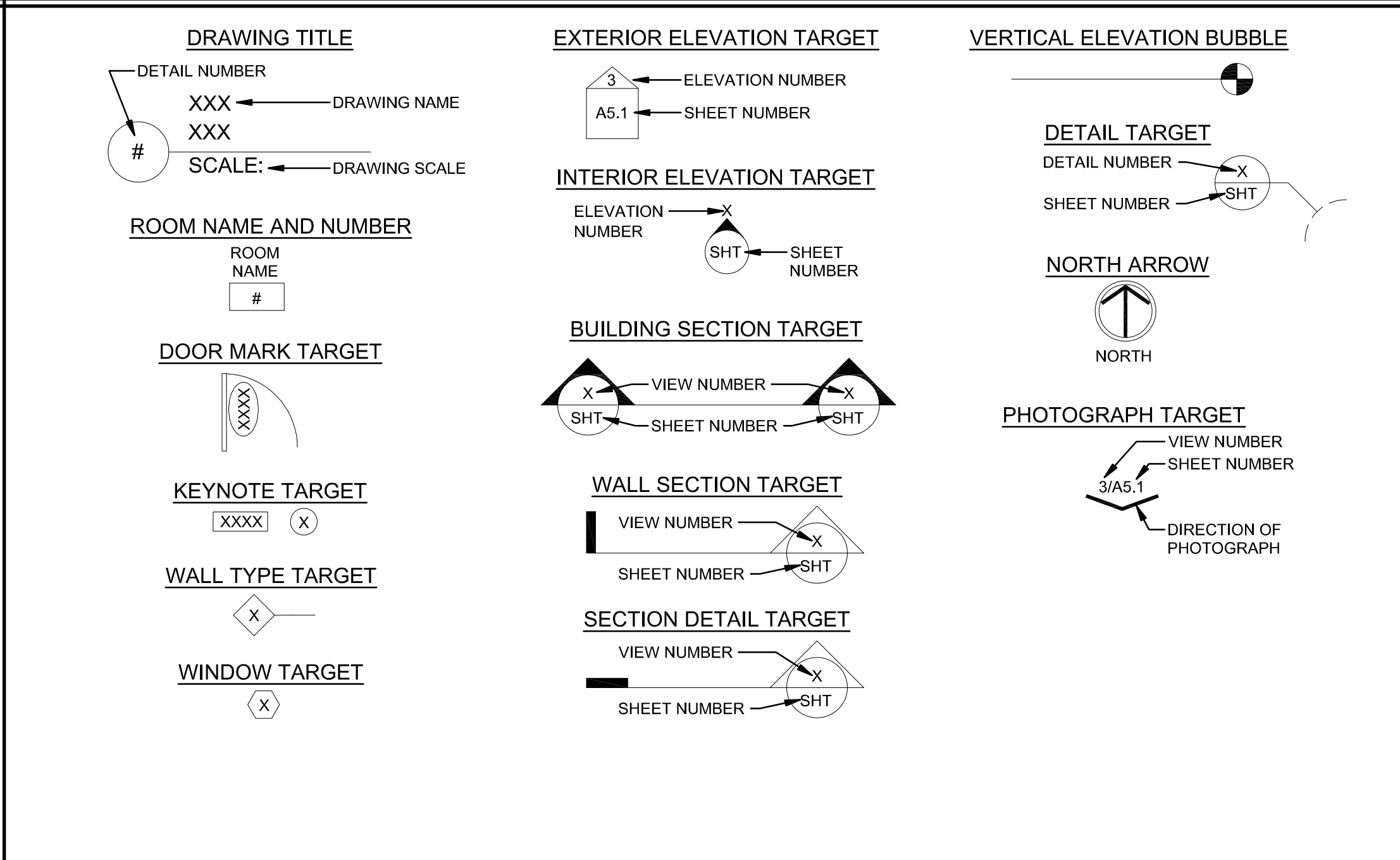
YD.
YCO

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x
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W/

THERMAL RESISTANCE
 RISER OR RIGHT
 RADIUS
 RETURN AIR
 RUBBER BASE
 RUBBER
 ROAD
 ROOF DRAIN
 RECESSED
 REFERENCE
 REVISION
 REMOVABLE
 RIGHT HAND
 RIGHT HAND REVERSE
 REINFORCED CONCRETE PIPE
 REFLECT CO.
 RECTANGLE
 RECTANGLE OR RECTANGULAR
 REFRIGERATOR
 REINFORCE (D) (ING) (MENT)
 REQUIRED
 REVERSE
 ROOFING
 RAILING
 ROOM
 RAIL ROAD
 RIGHT
 RIGHT OF WAY
 REVERSE
 MAIN WATER COLLECTOR
 MAIN WATER LEADER
 SUPPLY AIR
 SUSPENDED ACOUSTICAL TILE
 SEALED CONCRETE
 STORE FRONT SYSTEM
 STAND PIPE
 SOUTH
 STAINLESS STEEL
 STUD TO STUD
 SECURITY HOLLOW METAL
 SHEET VINYL
 SANITARY
 SCHEDULE
 SECTION
 SEWER
 SEWER
 SHEET
 SHOWER
 SIMILAR
 SECTIONAL OVERHEAD
 SPECIFICATIONS
 SPEAKER
 SQUARE
 STEEL
 STANDARD
 STORAGE
 STRUCTURAL
 SUSPENDED
 SWITCH
 TEMPERED
 TOP AND BOTTOM
 TONGUE AND GROOVE
 TOP CURB
 TEMP. CONTROL CONTRACTOR
 TEMP. CONTROL PANEL
 TEMPI WATER
 TEMPI WATER CONTROLLER
 TILE BACKER BOARD
 TELEPHONE
 TEMPERATURE
 TERRAZZO
 THROUGH
 TACK BOARD
 TOILET
 TOLERANCE
 TYPICAL
 HEAT TRANSFER COEFFICIENT
 UNDER FLOOR DUCT
 UNDERWRITER'S LABORATORIE
 UNLESS NOTED OTHERWISE
 UNIT VENTILATOR
 URINAL
 UTILITY
 VINYL
 VAPOR
 VARIES
 VINYL COVE BASE
 VITRIFIED CLAY PIPE
 VINYL COMPOSITION TILE
 VERTICAL
 VESTIBULE
 VENTILATE
 VERIFY IN FIELD
 VOLUME
 VENT PIPE
 VENT STACK
 VINYL WALL COVERING
 WEST
 WATER CLOSET
 WOOD
 WASH FOUNTAIN
 WALL HUNG
 WATER HEATER
 WROUGHT IRON
 WORKING POINT
 WATERPROOFING
 WIND LOAD
 WALK OFF MAT
 WEATHER STRIP
 WORK SINK
 WELDED WIRE FABRIC
 WEIGHT
 TRANSFORMER
 TRANSFER
 YARD
 YARD CLEAN OUT
 DEGREE
 PLUS OR MINUS
 DIAMETER
 CENTERLINE
 PLATE
 AND
 BY
 NUMBER
 WITH

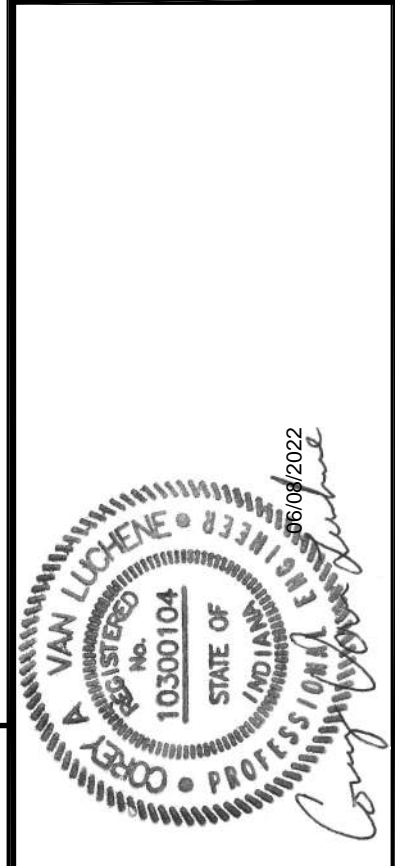
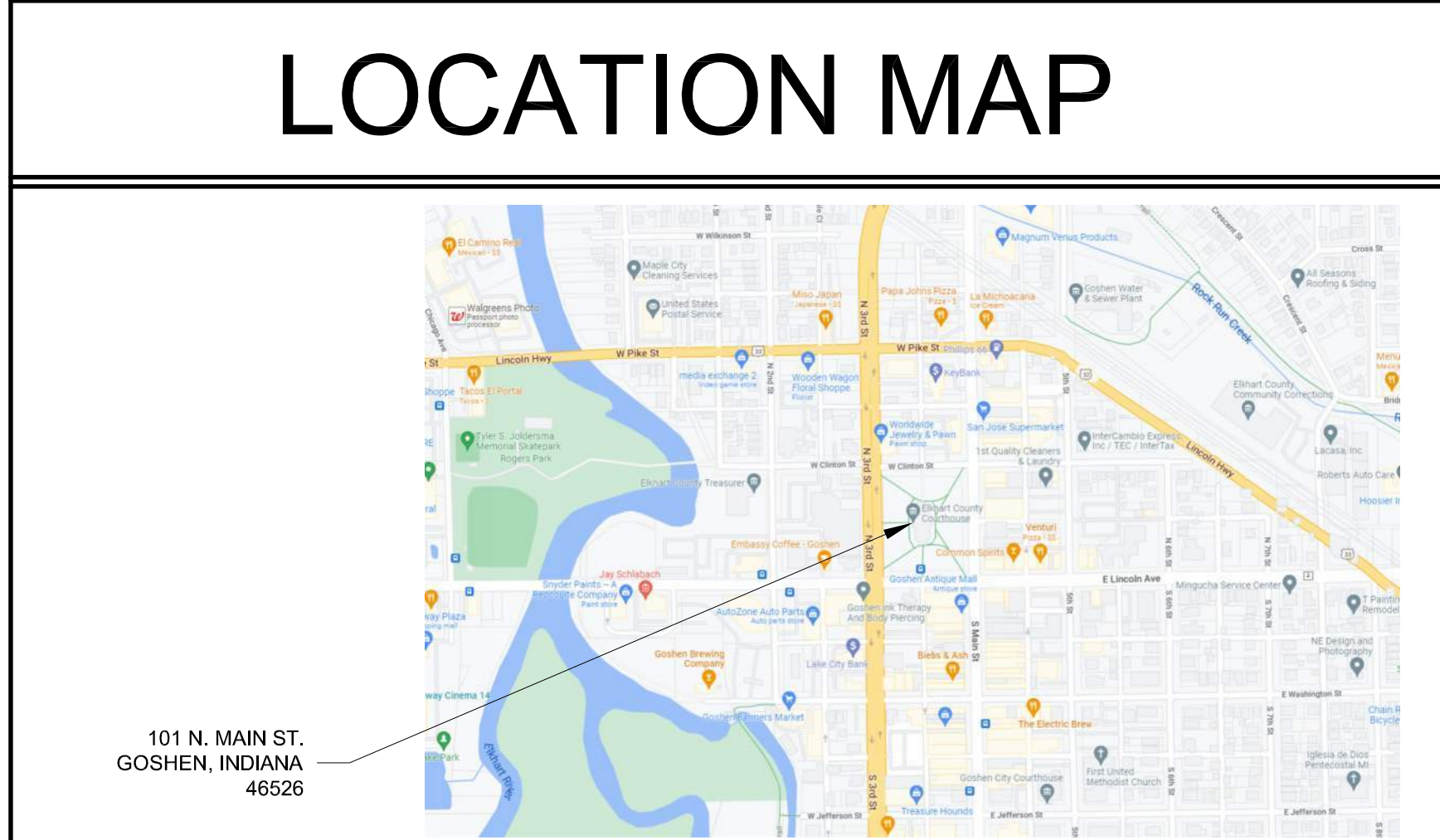
SYMBOLS	
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GENERAL NOTES

SHEET INDEX

GENERAL	
G1.0	TITLE SHEET
G1.1	GENERAL NOTES AND INFORMATION
STRUCTURAL	
S1.0	STRUCTURAL PLANS AND DETAILS
S1.1	PHOTOGRAPHS

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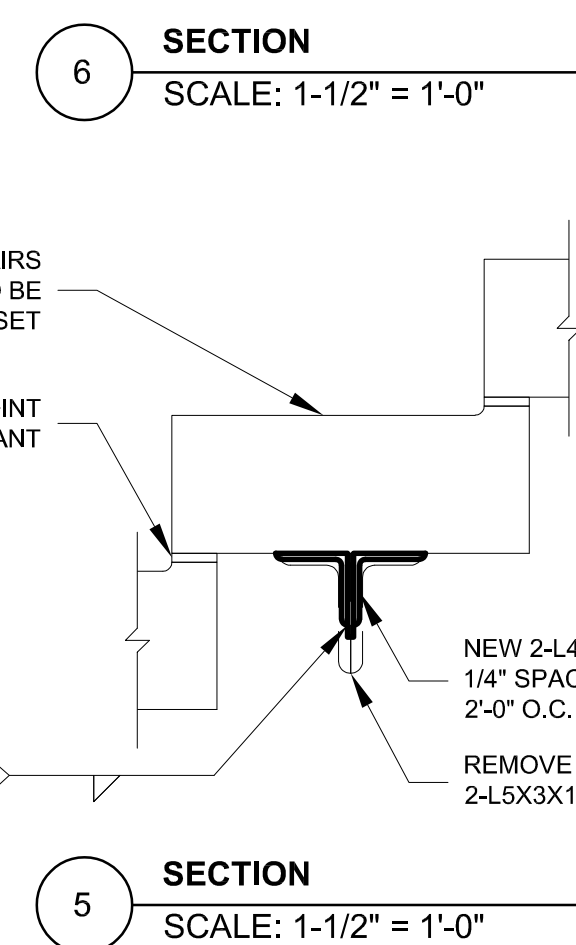
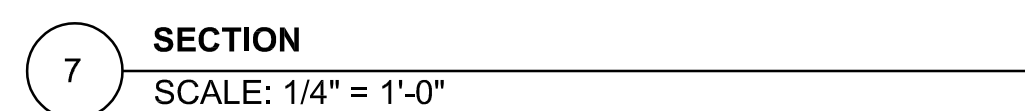
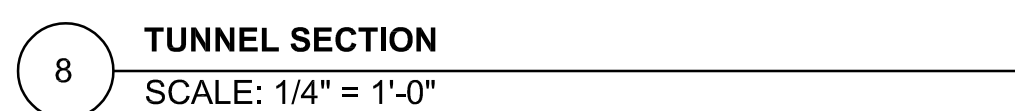
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DESIGNED: ESE	
APPR'D: CVAN	
DATE: JUNE 2, 2022	
PROJECT NUMBER	2261-4862-01

GOSHEN	INDIANA
<p>ELKHART COUNTY COURTHOUSE WEST EXTERIOR STAIR RECONSTRUCTION</p>	
<p>GENERAL NOTES AND INFORMATION</p>	

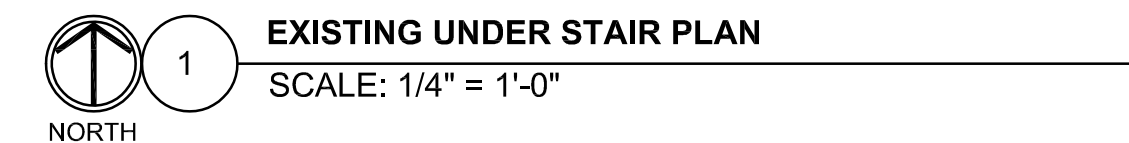
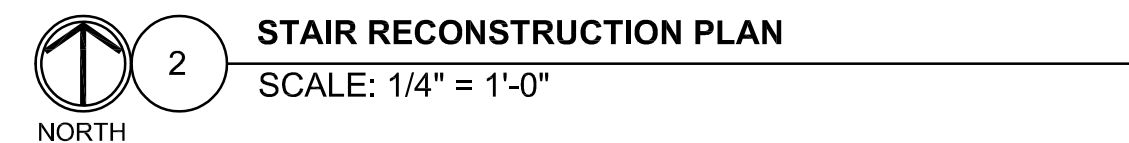
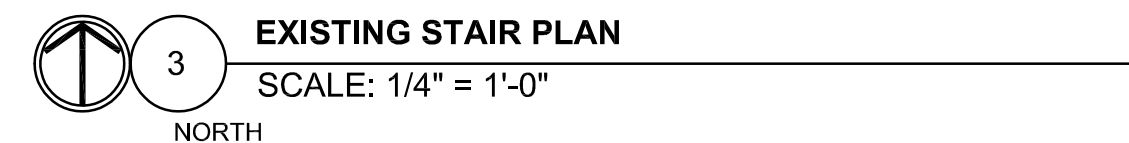
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GENERAL

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|---|--|-----------------------|---------------|-----------------------|--------------------|-----|------|---------------------------------|--|--|
| 1. GENERAL | 2. DESIGN DATA | | | | | | | | | |
| <p>A. CONTRACTOR IS RESPONSIBLE TO CONFORM WITH APPLICABLE FEDERAL, STATE, AND LOCAL CODES AND REGULATIONS INCLUDING APPLICABLE ORDINANCES AND REFERENCED STANDARDS.</p> <p>B. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO SUBMITTING A BID OR BEGINNING ANY WORK. CONDITIONS FOUND TO BE IN VARIANCE FROM THE INFORMATION IN THE DRAWINGS OR PROJECT MANUAL SHALL BE SUBMITTED TO THE ARCHITECT IN WRITING FOR CLARIFICATION.</p> <p>C. CONTRACTOR IS RESPONSIBLE FOR ALL WORK IDENTIFIED ON ALL DRAWINGS AND INFORMATION IN THE PROJECT MANUAL. AS A COMPLETE PROJECT, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE SPECIFIC SCOPE OF WORK FOR ANY SUBCONTRACTORS FOR THIS PROJECT.</p> <p>D. FIELD VERIFY ACTUAL LOCATIONS OF EXISTING UTILITIES, STRUCTURES, WATER LINES, STORM AND SANITARY LINES, GAS LINES, ELECTRICAL CONDUIT, AND OTHER UTILITIES PRIOR TO PERFORMING ANY EARTHWORK, EXCAVATION, OR UTILITY WORK. ENGAGE THE SERVICES OF A PRIVATE UTILITY LOCATE COMPANY IF NECESSARY TO COMPLETELY LOCATE EXISTING UNDERGROUND UTILITIES AND STRUCTURES.</p> <p>E. THE LOCATION OF ALL TEMPORARY FACILITIES COORDINATE WITH OWNER AND ARCHITECT PRIOR TO MOBILIZATION ON-SITE, INCLUDING BUT NOT LIMITED TO TEMPORARY STAGING AREA, MATERIAL STORAGE AREA, ACCESS DRIVE(S), PARKING AREA, TOPSOIL STOCKPILE AREA, WASTE DISPOSAL AREA, FIELD OFFICES AND TEMPORARY FACILITIES, JOB SIGN, AND TEMPORARY FENCING.</p> <p>F. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL MISCELLANEOUS BLOCKING REQUIRED FOR INSTALLATION OF ALL BUILDING COMPONENTS, INCLUDING BUT NOT LIMITED TO FURNISHINGS, FIXTURES, EQUIPMENT, HARDWARE, BRACKETS, AND OWNER-PROVIDED EQUIPMENT. CONTRACTOR SHALL COORDINATE SPECIFIC REQUIREMENTS ASSOCIATED WITH EACH TRADE AND WITH OWNER'S REPRESENTATIVE.</p> <p>G. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL MISCELLANEOUS WOOD AND METAL TRIM, FLASHING, CLIP ANGLES, ANCHORS, SUPPORTS, AND CLOSURE TRIM REQUIRED TO PROVIDE A COMPLETE, UNIFORM, AND WEATHERTIGHT ASSEMBLY AS REQUIRED TO ACCOMPLISH THE DESIGN INTENT.</p> <p>H. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS. CONTRACTOR SHALL PROVIDE AND INSTALL ALL ACCESSORY COMPONENTS AS REQUIRED TO FULLY COMPLY WITH MANUFACTURER'S RECOMMENDATIONS.</p> <p>I. CONTRACTOR SHALL PROVIDE ACCESS DOORS IN ALL WALLS AND CEILINGS WHERE SERVICE OR ADJUSTMENT TO MECHANICAL, PLUMBING, FIRE PROTECTION OR ELECTRICAL ITEMS MAY BE REQUIRED. ACCESS DOORS SHALL BE OF AN APPROPRIATE SIZE REQUIRED FOR EACH APPLICATION, WHERE APPLICABLE. ACCESS DOORS SHALL MATCH THE FIRE RATING OF THE WALL ASSEMBLY.</p> <p>J. CONTRACTOR SHALL SEAL ALL PENETRATIONS IN EXTERIOR WALL AND ROOF ASSEMBLIES WITH APPROPRIATE JOINT SEALANT(S) AND FLASHING(S) TO MAINTAIN A WEATHERTIGHT AND AIRTIGHT BUILDING ENVELOPE. ALL JOINTS AND PENETRATIONS SHALL BE SEALED, GASKETED, OR WEATHER-STRIPPED TO MINIMIZE AIR LEAKAGE, INCLUDING THE FOLLOWING:</p> <ol style="list-style-type: none"> 1) JOINTS AROUND PENETRATION AND DOOR FRAMES. 2) JUNCTIONS BETWEEN WALLS AND FOUNDATIONS, BETWEEN WALLS AT BUILDING CORNERS, BETWEEN WALLS AND FLOORS OR ROOFS, AND BETWEEN WALLS AND ROOF OR WALL PANELS. 3) OPENINGS AT PENETRATIONS OF UTILITY SERVICES THROUGH ROOFS, WALLS, AND FLOORS. 4) JOINTS, SEAMS, AND PENETRATIONS OF VAPOR RETARDERS. 5) ALL OTHER OPENINGS IN THE BUILDING ENVELOPE. <p>K. COORDINATE WITH OTHER CONSTRUCTION ACTIVITIES AND CONSTRUCTION SEQUENCING WITH OTHER PROJECT(S) AND WORK BEING PERFORMED CONCURRENTLY ON-SITE.</p> <p>L. CONTRACTOR TO PROTECT ALL ITEMS WITHIN THE CONSTRUCTION LIMITS (INCLUDING SITE ELEMENTS) THAT ARE DESIGNATED TO REMAIN; ITEMS DAMAGED AS A RESULT OF WORK PERFORMED UNDER THIS CONTRACT SHALL BE REPAIRED OR REPLACED TO ORIGINAL CONDITION.</p> <p>M. INFORMATION ON THIS SHEET SUPPLEMENTS THE PROJECT SPECIFICATIONS. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.</p> <p>N. UNLESS OTHERWISE NOTED, ALL DETAILS, SECTIONS AND NOTES ON THE DRAWINGS ARE INTENDED TO INDICATE DESIGN INTENT AND ARE TO BE TYPICAL FOR SIMILAR SITUATIONS ELSEWHERE.</p> <p>O. CONTRACTOR IS TO ASSUME FULL RESPONSIBILITY, UNRELIEVED BY REVIEW OF SHOP DRAWINGS OR PERIODIC OBSERVATION OF CONSTRUCTION, FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS, FOR DIMENSIONS TO BE CONFIRMED AND CORRELATED ON THE JOB SITE AND BETWEEN INDIVIDUAL DRAWINGS OR SETS OF DRAWINGS FOR FABRICATION PROCESSES AND CONSTRUCTION TECHNIQUES (INCLUDING EXCAVATING, BRACING, ETC.), AND FOR COORDINATION OF THE VARIOUS TRADES, AND FOR SAFE CONDITIONS ON THE JOB SITE. VARIATIONS IN FIELD CONDITIONS RELATIVE TO THE CONTRACT DOCUMENTS SHALL BE REPORTED TO THE ENGINEER AS SOON AS THEY ARE FOUND. WORK SHALL NOT PROGRESS UNTIL WRITTEN PERMISSION FROM THE ENGINEER IS OBTAINED.</p> <p>P. WHERE CONFLICTS OR DISCREPANCIES BETWEEN DRAWINGS AND SPECIFICATIONS EXIST THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY FOR CLARIFICATION. THE CONTRACTOR SHALL NOT ASSUME ANY ITEM TAKES PRECEDENCE OVER THE OTHER. ANY ACTION THE CONTRACTOR MAKES PRIOR TO NOTIFICATION SHALL BE AT THE CONTRACTOR'S SOLE RISK.</p> <p>Q. THESE DRAWINGS SHALL NOT BE SCALED TO OBTAIN DIMENSIONS. IF THE DIMENSIONS CANNOT BE DETERMINED BY THE INFORMATION GIVEN, CONTRACTOR SHALL CONTACT ENGINEER FOR REQUIRED INFORMATION.</p> <p>R. SITE OBSERVATION BY THE ENGINEER IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK OF THE CONTRACTOR IS PROCEEDING IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN AN EFFORT TO GUARD THE OWNER AGAINST DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR.</p> <p>S. THE DRAWINGS, SPECIFICATIONS, AND OTHER DOCUMENTS PREPARED BY DLZ INDIANA, LLC (DLZ) FOR THIS PROJECT ARE INSTRUMENTS OF THE ENGINEER'S SERVICE, AND MAY BE USED SOLELY WITH RESPECT TO THE PROJECT AND, UNLESS OTHERWISE PROVIDED, THE ENGINEER SHALL BE DEEMED THE AUTHOR OF THESE PLANS AND RETAINS ALL COMMON LAW RIGHTS, TITLES AND INTEREST THEREIN. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES, INCLUDING REPRODUCIBLE COPIES, OF THE ENGINEER'S DRAWINGS, SPECIFICATIONS OTHER DOCUMENTS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT. DLZ SHALL NOT BE LIABLE FOR ANY HARM OR DAMAGE SUFFERED BY ANY PARTY BY REASON OF THE UNAUTHORIZED USE OF THESE PLANS. DLZ EXPRESSLY RESERVES ITS COPYRIGHTS IN THESE PLANS. THESE PLANS MAY NOT BE REPRODUCED, CHANGED, OR COPIED IN ANY FORM OR MANNER WHATSOEVER, NOR MAY THEY BE ASSIGNED OR OTHERWISE MADE AVAILABLE TO ANY THIRD PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN CONSENT OF DLZ.</p> <p>T. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND REMOVAL OF ALL TEMPORARY BRACING AND CONSTRUCTION SUPPORTS, FOR NEW AND EXISTING STRUCTURES, AS NECESSARY TO COMPLETE THE PROJECT. NO PORTION OF THE PROJECT, WHILE UNDER CONSTRUCTION, IS TO BE IN PLACE IN THE ABSENCE OF THE CONTRACTOR'S TEMPORARY BRACES AND SUPPORTS UNTIL ALL OF THE STRUCTURAL ELEMENTS ARE IN PLACE AND FULLY CONNECTED AS INDICATED ON THESE DRAWINGS. CONTRACTOR SHALL RETAIN A LICENSED PROFESSIONAL ENGINEER TO DESIGN ALL TEMPORARY BRACING AND CONSTRUCTION SUPPORTS.</p> | <p>A. DESIGN CODE:</p> <ol style="list-style-type: none"> 1) ALL DESIGN IS IN CONFORMANCE WITH THE 2014 INDIANA BUILDING CODE (2012 INTERNATIONAL BUILDING CODE AS AMENDED BY THE INDIANA ADMINISTRATIVE CODE) (IBC). RISK CATEGORY IS TYPE III. <p>B. DESIGN DEAD LOADS: WEIGHT OF ALL MATERIALS OF CONSTRUCTION INCORPORATED INTO THE BUILDING.</p> <ol style="list-style-type: none"> 1) STAIRCASE - 10 PSF <p>C. DESIGN LIVE LOADS</p> <table> <tr> <td>1) LOAD TYPE</td><td>UNIFORM (PSF)</td><td>CONCENTRATED (POUNDS)</td></tr> <tr> <td>2) FLOOR LIVE LOAD</td><td>100</td><td>2000</td></tr> <tr> <td>3) LIVE LOAD REDUCTION NOT USED</td><td></td><td></td></tr> </table> <p>D. SNOW LOADING CRITERIA</p> <ol style="list-style-type: none"> 1) PG=30 PSF <p>E. MATERIALS:</p> <ol style="list-style-type: none"> 1) CLAY BRICK (SOLID) ASTM C-62, GRADE SW 2) MORTAR - ASTM C270 - TYPE S 3) STRUCTURAL STEEL: <ol style="list-style-type: none"> A) PLATES, BARS, RODS, ANGLES AND CHANNELS - A36, HOT DIP GALV. AFTER FABRICATION 4) FILLER METAL FOR WELDING: SHIELDED METAL ARC WELDING - AWS A5.1 OR A5.5 OR E70XX. <p>F. DESIGN STANDARDS:</p> <ol style="list-style-type: none"> 1) TMS 402-11 "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" - ASD 2) ANSI/AISC 360-10 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" - ASD | 1) LOAD TYPE | UNIFORM (PSF) | CONCENTRATED (POUNDS) | 2) FLOOR LIVE LOAD | 100 | 2000 | 3) LIVE LOAD REDUCTION NOT USED | | |
| 1) LOAD TYPE | UNIFORM (PSF) | CONCENTRATED (POUNDS) | | | | | | | | |
| 2) FLOOR LIVE LOAD | 100 | 2000 | | | | | | | | |
| 3) LIVE LOAD REDUCTION NOT USED | | | | | | | | | | |
| | 3. MASONRY | | | | | | | | | |
| | <p>A. MASONRY CONSTRUCTION SHALL CONFORM TO TMS602-11 "SPECIFICATION FOR MASONRY STRUCTURES AND COMMENTARY". CONTRACTOR SHALL MAINTAIN A COPY OF THIS REFERENCED SPECIFICATION ON SITE DURING CONSTRUCTION OF ALL MASONRY WALLS.</p> <p>B. ALL MASONRY JOINTS SHALL HAVE CONCAVE JOINTS AND BE FULLY BEDDED IN MORTAR.</p> | | | | | | | | | |
| | 4. SELECTIVE STRUCTURE DEMOLITION | | | | | | | | | |
| | <p>A. AREAS OF THE EXISTING CONSTRUCTION REQUIRE DEMOLITION AND REMOVAL OF SELECTED PORTIONS OF THE BUILDING OR STRUCTURE.</p> <p>B. PRE-DEMOLITION MEETINGS SHALL BE CONDUCTED TO DISCUSS CONDITION OF CONSTRUCTION TO BE SELECTIVELY DEMOLISHED, REVIEW STRUCTURAL LIMITATIONS, REVIEW AND FINALIZE SELECTIVE DEMOLITION SCHEDULE, DEMOLITION PERSONNEL EQUIPMENT, AND OTHER REQUIREMENTS NECESSARY TO MAKE PROGRESS AND AVOID DELAYS, REVIEW REQUIREMENTS OF WORK PERFORMED BY OTHER TRADES THAT RELY ON THE SUBSTRATES EXPOSED BY SELECTIVE DEMOLITION OPERATIONS AND REVIEW AREAS WHERE EXISTING CONSTRUCTION IS TO REMAIN AND REQUIRES PROTECTION.</p> <p>C. NOTIFY ENGINEER/ARCHITECT OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND DRAWINGS BEFORE PROCEEDING WITH SELECTIVE DEMOLITION.</p> <p>D. PROVIDE AND MAINTAIN TEMPORARY SHORING, BRACING, AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE STABILITY AND PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF CONSTRUCTION AND FINISHES TO REMAIN, AND TO PREVENT UNEXPECTED OR UNCONTROLLED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED. STRENGTHEN OR ADD NEW SUPPORTS WHEN REQUIRED DURING PROGRESS OF SELECTIVE DEMOLITION. MEANS OF PROTECTION SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS TO BE BUILT.</p> <p>E. DEMOLISH TO THE EXTENTS INDICATED IN THE CONTRACT DOCUMENTS. CONTRACTOR TO REPAIR OR REPLACE UNAUTHORIZED DEMOLITION OR ANY ITEMS DAMAGED BY DEMOLITION ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.</p> <p>F. SUGGESTED SEQUENCE OF CONSTRUCTION:</p> <ol style="list-style-type: none"> 1) PROVIDE NEW TEMPORARY SUPPORT FROM THE SLAB-ON-GRADE OR PERMANENT SUPPORT OF RELOCATED UTILITIES FOR ALL EXISTING UTILITIES UNDER STONE STAIRS. 2) DEMO UTILITY SUPPORT ATTACHING UTILITIES. 3) DEMO EXISTING HANDRAIL. 4) REMOVE STONE STAIRS FROM CURRENT LOCATION. ANY DAMAGED STONE STAIRS MUST BE REPLACED. 5) DEMO ALL STEEL SUPPORT ANGLES. 6) DEMO ANY DETERIORATED BRICKS FROM BRICK WALLS UNDER STONE STAIRS. 7) RECONSTRUCT BRICK WALL AND REPOINT JOINTS TO FACILITATE NEW ANGLE OR STONE STAIR BEARING. 8) INSTALL NEW ANGLES IN INDICATED LOCATIONS. 9) RESET STONE STAIRS. 10) INSTALL NEW HANDRAILS IN PREVIOUS LOCATIONS. 11) PROVIDE MORTAR AND JOINT SEALANT BETWEEN EACH STAIR. | | | | | | | | | |



- A. EXISTING UTILITIES ARE CURRENTLY OBSTRUCTING PLANNED RESTORATION WORK. EXISTING UTILITIES ARE TO BE ADJUSTED/ROUTED SUCH THAT THERE IS A MINIMUM OF 12 INCHES BETWEEN THE UTILITY AND BOTTOM OF STAIR.
- B. COORDINATE UTILITY SHUTDOWN TO MINIMIZE IMPACTS TO FACILITY OPERATIONS.
- C. UTILITIES ARE NOT TO BE SUPPORTED BY STONE STAIR CONSTRUCTION. PROVIDE NEW SLOTTED CHANNEL FRAMING FASTENED TO BRICK FOR SUPPORT OF ALL UTILITIES.
- D. CONTRACTOR SHALL NOT STAGE ANY WORK OVER TOP OF EXISTING TUNNEL.
- E. PROVIDE SLEEVES AT ALL NEW PIPE PENETRATIONS THROUGH NEW MASONRY WALL.
- F. ALL PIPING SHALL BE SUPPORTED BY NEW FLOOR OR WALL MOUNTED SUPPORTS. REMOVE SUPPORT CONDITIONS WHICH ARE FROM ABOVE AND UNDERSIDE OF STONE STEPS.
- G. PROVIDE OPENINGS WITH MASONRY WING WALL TO ALLOW ACCESS INTO NORTH AND SOUTH AREAS BELOW STONE.





A photograph of a set of concrete stairs leading up to a building entrance. A metal handrail runs along the left side of the stairs. A chain barrier is strung across the bottom of the stairs. The building has a brick wall and a concrete base.

A photograph of a basement interior. On the left, a large black pipe runs vertically. The wall is made of red brick, with some areas showing signs of wear or peeling material. A large white pipe runs horizontally across the upper part of the frame. In the background, wooden joists and other pipes are visible, suggesting a crawlspace or basement area.

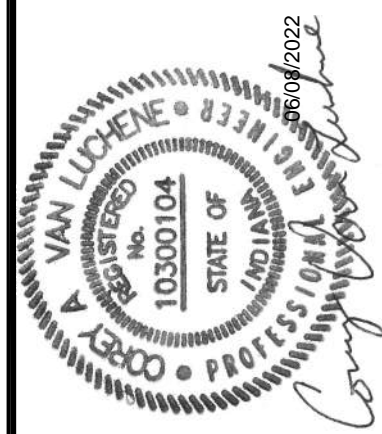
A wide set of concrete stairs with black metal handrails leading up to a building entrance. A red "NO PARKING" sign is visible on the right handrail.

A photograph of a narrow, cluttered alleyway between brick buildings. The ground is covered in debris and trash. A large, coiled white hose hangs from a metal structure on the left. A yellow barrel is visible in the distance.

A photograph showing the interior of a brick vaulted structure, possibly a tunnel or underground passage. The walls are constructed from red and grey bricks, with some areas showing peeling plaster or mortar. A wooden ladder or scaffolding is visible on the left side, and the floor is dark and uneven. The lighting is dim, highlighting the texture of the brickwork.



DLZ
ARCHITECTURE • ENGINEERING • PLANNING
SURVEYING • CONSTRUCTION SERVICES
DLZ INDIANA, LLC



DATE	REVISION	NO.	CHKD: CVAN	DRAWN: ESE
				DESIGNED: ESE
				UPRVD: CVAN
				DATE: JUNE 2, 2022
				PROJECT NUMBER
				2261-4862-01

GOSHEN

ELKHART COUNTY COURTHOUSE

INDIANA

LEHART COUNTY COURTHOUSE
WEST EXTERIOR STAIR RECONSTRUCTION

PHOTOGRAPHS

DRAWING NUMBER

S1.1

STRUCTURAL