GENERAL NOTES
S-010
FOR BLUEBEAM LABELINGOOR:

MATERIAL IDENTIFICATION SYMBOLS

THE FOLLOWING MATERIAL IDENTIFICATION SYMBOLS MAY BE USED IN THE SECTIONS AND DETAILS:

ALUMINUM | CAST-IN-PLACE CONCRETE | EARTH | EARTH (UNDISTURBED) | EXISTING CONSTRUCTION | GRAVEL | GROUT

MASONRY | RIGID INSULATION | ROCK | STEEL | STRUCTURAL PRECAST CONCRETE | WOOD | BACKFILL

THE FOLLOWING MATERIAL IDENTIFICATION SYMBOLS MAY BE USED IN THE PLANS:

STEEL COLUMN | CONCRETE COLUMN | CONCRETE WALL | LOADBEARING MASONRY WALL

STRUCTURAL TILT-UP WALL | NON-LOADBEARING MASONRY WALL | GRATING

EXISTING — BOUNDARY OF EXISTING CONSTRUCTION

DEMO W16x26 — BOUNDARY OF EXISTING CONSTRUCTION TO BE DEMOLISHED

BOUNDARY OF FUTURE EXPANSION

BOUNDARY OF CONCRETE TOPPING SLAB POURED ON SUBSTRUCTURE

SYMBOLIC LINEWORK

THE FOLLOWING SYMBOLIC LINEWORK MAY BE USED THROUGHOUT THE DRAWINGS:

- REFERENCE GRID LINE SYMBOL
- CENTERLINE SYMBOL
- PLAN MATCHLINE SYMBOL
- NON-STRUCTURAL LINE SYMBOL
- WELDED WIRE REINFORCEMENT SYMBOL
- STEEL JOIST LINE SYMBOL
- OPENING LINE SYMBOL
- PIPING RUN

PLAN SYMBOLS

THE FOLLOWING SYMBOLS MAY BE USED THROUGHOUT THE PLANS:

SLOPE TRANSITION INDICATOR SYMBOL

SLOPE EDGE — SLOPE DN — RAMP SLOPE INDICATOR SYMBOL

12 — 1 — HORIZONTAL DIMENSION — VERTICAL DIMENSION — SLOPE PITCH INDICATOR SYMBOL

SIZE OF STEP (IF PROVIDED) — 3" — STEP INDICATOR SYMBOL

SIZE OF STEP (IF PROVIDED) — 8" — STEP TO SLOPE INDICATOR SYMBOL

RIDGE INDICATOR SYMBOL

N — PROJECT NORTH ARROW SYMBOL

SLOPE — SLOPE MARK

2 — KEYNOTE INDICATOR SYMBOL

S1 — SLAB OR DECK TYPE (IF PROVIDED) — ONE-WAY SLAB OR DECK SPAN INDICATOR SYMBOL

S1 — SLAB OR DECK TYPE (IF PROVIDED) — TWO-WAY SLAB SPAN INDICATOR SYMBOL

DEAD END — STRESSING END — POST-TENSIONING TENDON SYMBOLS

ROOF DECK — TYPE 1 — DECK SYMBOL

SMALL OPENINGS IN STRUCTURAL SLAB OR DECK

OPEN — LARGE OPENING IN STRUCTURAL SLAB OR DECK

XXX-x — 4,000# — ROUGH OUTLINE OF UNIT — UNIT NAME (IF PROVIDED) — MAXIMUM TOTAL ALLOWABLE WEIGHT OF UNIT OR EQUIPMENT INCLUDING WEIGHT OF CURB — MECHANICAL UNIT OR OTHER EQUIPMENT

STEEL ANNOTATION STYLES

WF COLUMN SIZE REF PLAN — W10X33 — BP-T — BASE PLATE TYPE (IF PROVIDED) REFER TO S-500 — WF COLUMN LEGEND

HSS COLUMN SIZE REF PLAN — HSS4X4X1/8 — BP-T — BASE PLATE TYPE (IF PROVIDED) REFER TO S-500 — HOLLOW STRUCTURAL STEEL COLUMN LEGEND

THE FOLLOWING STRUCTURAL ANNOTATIONS MAY APPEAR ON THE STEEL FRAMING PLANS. ALL LOADS INDICATED ARE FACTORED:

BEAM SIZE — W16x26 C=1.5 R20/25 — BEAM CAMBER — LEFT END VERTICAL SHEAR REACTION (IN KIPS) — RIGHT END VERTICAL SHEAR REACTION (IN KIPS) — NOTE: IF ONLY ONE REACTION IS PROVIDED, IT APPLIES TO BOTH ENDS — NON-COMPOSITE BEAM

NUMBER OF SHEAR STUDS AT UNIFORM SPACING — BEAM SIZE — W16x26 (18) C=1.5 R20/25 — BEAM CAMBER — LEFT END VERTICAL SHEAR REACTION (IN KIPS) — RIGHT END VERTICAL SHEAR REACTION (IN KIPS) — NOTE: IF ONLY ONE NUMBER IS PROVIDED, REACTION APPLIES TO BOTH ENDS — COMPOSITE BEAM

W16x26 C=1.5 R20/25 — (8) (5) (10) (5) — ALTERNATE SHEAR STUD CALLOUT FOR NON-UNIFORM SPACING

VERTICAL BRACE

BEAM BOTTOM BRACING ON PLAN

INDICATES MOMENT CONNECTION - REF MOMENT CONNECTION DETAILS

INDICATES STEEL BEAM SPLICE - REF STRUCTURAL STEEL SIMPLE BEAM CONNECTION SBX-1

20 K SP1 — LOADING CONDITION, REF GENERAL NOTES — JOIST SERIES — NORMAL JOIST DEPTH — INDICATES OPEN-WEB STEEL JOIST KEY

REF PLAN FOR SIZE — INDICATES BOTTOM OF KNEE BRACE — INDICATES KNEE BRACE

VIEW REFERENCE SYMBOLS

THESE FOLLOWING SYMBOLS MAY BE USED THROUGHOUT THE DRAWINGS TO REFER TO OTHER VIEWS:

REFERENCE OBJECT — DETAIL NUMBER OR LETTER — 1/S-600 — SHEET NUMBER — FRAMING ELEVATION SYMBOL

DETAIL NUMBER OR LETTER — A — SHEET NUMBER — S-300 — AREA OR ITEM BEING DETAILED — DETAIL REFERENCE SYMBOL

REFERENCE OBJECT — 1/S300 — 1/S300 — DETAIL NUMBER OR LETTER — SHEET NUMBER — OVERALL SECTION SYMBOL

REFERENCE OBJECT — 1/S300 — DETAIL NUMBER OR LETTER — SHEET NUMBER — PARTIAL SECTION SYMBOL

UNIVERSAL SYMBOLS

THESE FOLLOWING SYMBOLS MAY BE USED THROUGHOUT THE DRAWINGS:

AREA OR ITEM BEING REVISED — 2 — REVISION NUMBER OR LETTER — REVISION CLOUD SYMBOL

TOSC ELEV — 10'-0" — SURFACE REFERENCED — ELEVATION OF SURFACE — ELEVATION DESIGNATION SYMBOL

GRID — GRID LABEL — REFERENCE GRID INDICATOR SYMBOL

WP — WORK POINT SYMBOL

FLAT FACE BREAK MARK | CURVED FACE BREAK MARK | LINE BREAK MARK

CONTINUOUS WATERSTOP — SHEAR KEY — SHEAR KEY WIT CONT. WATERSTOP

FOUNDATION ANNOTATION STYLES

THE FOLLOWING STRUCTURAL ANNOTATIONS MAY APPEAR ON THE FOUNDATION PLANS:

24/48 — -3'-6" — PIER SHAFT DIA. — PIER BELL DIA. — TOP OF PIER ELEVATION (IF PROVIDED) BELOW TOSC ELEV

F1 — -3'-6" — SPREAD FOOTING MARK — TOP OF FOOTING ELEVATION (IF PROVIDED) BELOW TOSC ELEV

INDICATES THAT COLUMN STOPS AT THIS LEVEL

INDICATES STRUCTURE OVER VOID BOX; REF EXPANSIVE CLAY SOIL DETAILS

WF5.0 — WALL FOOTING MARK

MV2 — WALL MARK (IF PROVIDED)

STEP IN FOOTING — ALL STEPS WILL BE NOTED

CONCRETE ANNOTATION STYLES

THE FOLLOWING STRUCTURAL ANNOTATIONS MAY APPEAR ON THE CONCRETE FRAMING PLANS:

4-#4x5'-0" TOP — REINFORCING STEEL NOTED IN PLAN SHALL BE LOCATED ACCORDING TO PLAN NOTES, TYPICAL VIEWS, AND SCHEDULES. HOOKS ARE INDICATED IN PLAN WHERE REQUIRED FOR NON-SCHEDULED REINFORCING STEEL. WHERE HOOKS ARE SHOWN, LENGTHS PROVIDED DO NOT INCLUDE HOOK.

Tx — A SINGLE ARROWED LINE INDICATES THE EXTENT OVER WHICH THE REINFORCING STEEL IS TO BE DISTRIBUTED WITH AN EQUAL SPACING BETWEEN BARS. — REFERENCE LINE OR OBJECT WHERE REINFORCING STOPS

#4x20'-0" BOTTOM BARS @12" — A DOUBLE ARROWED LINE INDICATES THAT THE REINFORCING STEEL IS TO BE PROVIDED IN EACH DIRECTION UNTIL ONE OF THE FOLLOWING OCCURS:

1. AN EDGE OF SLAB
2. A SIGNIFICANT CHANGE IN THE SLAB GEOMETRY
3. OTHER REINFORCING STEEL OF A SIMILAR NATURE IS SHOWN.

TYPICAL STRUCTURAL ABBREVIATIONS

A
AB ANCHOR BOLT
AFF ABOVE FINISH FLOOR
ACI AMERICAN CONCRETE INSTITUTE
ADD'L ADDITIONAL
ADJ ADJACENT
AFF ABOVE FINISHED FLOOR
AFS ARCH FINISH SURFACE
AGGR AGGREGATE
AISC AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AISI AMERICAN IRON AND STEEL INSTITUTE
ALT ALTERNATE
ARCH ARCHITECTURAL
ASCE AMERICAN SOCIETY OF CIVIL ENGINEERS
ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWS AMERICAN WELDING SOCIETY

B
BF BACK FACE
BFB BOTTOM FLANGE BRACE
BFF BELOW FINISH FLOOR
BL
BLE BACK OF LEDGE ELEVATION
BLK BLOCK
BLKG BLOCKING
BM
BO BOTTOM OF
BOA BACK OF ANGLE
BOS BOTTOM OF STEEL
BOT BOTTOM
BP BASE PLATE
BBP BRACE BASE PLATE
BRG BEARING
BRKT BRACKET
BLE BRICK LEDGE ELEVATION
BTWN BETWEEN

C
C CHANNEL
COMP COMPRESSION
CANT CANTILEVER
CGS CENTROID OF TENDONS
CIP CAST IN PLACE
CJ CONTROL JOINT
CL CENTER LINE
CJP COMPLETE JOINT PENETRATION
CLR CLEAR
CMU CONCRETE MASONRY UNIT
COL COLUMN
COMP COMPRESSION
CONN CONNECTION
CONC CONCRETE
CONST CONSTRUCTION
CONT CONTINUOUS
CONTR CONTRACTOR
COR CORNER
CRSI CONCRETE REINFORCING STEEL INSTITUTE

D
DBA DOWEL BAR ANCHOR
DBL DOUBLE
DET DETAIL
DIA DIAMETER
DIAG DIAGONAL
DIM(S) DIMENSION(S)
DL DEAD LOADS
DT DOUBLE TEE
DS DOWNSPOUT
DWG(S) DRAWING(S)
DWL(S) DOWEL(S)

E
EA EACH
EAO EDGE ANGLE OFFSET
EDC ELECTRICAL DISTRIBUTION CENTER
EF EACH FACE
EIFS EXTERIOR INSULATION AND FINISH SYSTEM
EJ EXPANSION JOINT
EL ELEVATION
ELEC ELECTRICAL
ENGR ENGINEER
EOD EDGE OF ROOF DECK
EOS EDGE OF FLOOR SLAB
EQ EQUAL
EQUIV EQUIVALENT
EW EACH WAY
EXIST EXISTING
EXP EXPANSION
EXT EXTERIOR
EX-STR EXTRA STRONG

F
FABR FABRICATOR
FBP FIXED BASE PATE
FD FLOOR DRAIN
FDN FOUNDATION
FF FINISHED FLOOR
FL FLOOR
FLG FLANGE
FM FACTORY MUTUAL
FRP FIBER REINFORCED PLASTIC
FS FAR SIDE
FTG FOOTING
FP FIREPROOF(ING)
FV FIELD VERIFY

G
GA GAUGE
GB GRADE BEAM
GALV GALVANIZED
GC GENERAL CONTRACTOR
GR GRADE
GYP BD GYPSUM BOARD

H
H HEIGHT
HORIZ HORIZONTAL
HSA HEADED STUD ANCHOR

I
IBC INTERNATIONAL BUILDING CODE
INFO INFORMATION
INT INTERIOR
INTERM INTERMEDIATE
ISO ISOLATION
IT INVERTED TEE

J
JBE JOIST BEARING ELEVATION
JST JOIST
JT JOINT

K
KIP 1000 POUNDS
KLF KIP PER LINEAR FOOT
KSF KIPS PER SQUARE FOOT
KSI KIPS PER SQUARE INCH

L
L ANGLE OR LENGTH
LB POUNDS
Ld TENSION DEVELOPMENT LENGTH AS SHOWN IN REINFORCING LAP SCHEDULE
LL LIVE LOAD
LLH LONG LEG HORIZONTAL
LLV LONG LEG VERTICAL
LOC LOCATION
LONG LONGITUDINAL
LSH LONG SIDE HORIZONTAL
LSV LONG SIDE VERTICAL
LWC LIGHT WEIGHT CONCRETE

M
MAX MAXIMUM
MC MOMENT CONNECTION
MECH MECHANICAL
MEZZ MEZZANINE
MFR MANUFACTURER
MIN MINIMUM
MISC MISCELLANEOUS
MO MASONRY OPENING
MTL METAL
MTR MATERIAL

N
NIC NOT IN CONTRACT
NO OR # NUMBER
NOM NOMINAL
NS NEAR SIDE
NTS NOT TO SCALE
NWC NORMAL WEIGHT CONCRETE (150 PCF)

O
OC ON CENTER
OD OUTSIDE DIAMETER
OF OUTSIDE FACE
OH OPPOSITE HAND
OPNG(S) OPENING(S)

P
PAF POWDER ACTUATED FASTENER
PCC PRECAST CONCRETE
PCF POUNDS PER CUBIC FOOT
PCI PRECAST AND PRESTRESSED CONCRETE INSTITUTE
PT POST-TENSIONING INSTITUTE
PE PROFESSIONAL ENGINEER
PEMB PRE-ENGINEERED METAL BUILDING
PENTR PENETRATION
PL PLATE
PLAM PLASTIC LAMINATE
PLF POUNDS PER LINEAR FOOT
PP PARTIAL PENETRATION
PREFAB PREFABRICATED
PRELIM PRELIMINARY
PSF POUNDS PER SQUARE FOOT
PSI POUNDS PER SQUARE INCH
PT POST-TENSIONING

Q
QTY QUANTITY

R
R RADUIS
RAF RAISED ACCESS FLOOR
RCP REINFORCED CONCRETE PIPE
RD ROOF DRAIN
REF REFER TO
REINF REINFORCING
REQD REQUIRED
REV REVERSE
RND ROUND
RO ROUGH OPENING
RTU ROOF TOP UNIT

S
SCHED SCHEDULE(D)
SECT SECTION
SF SQUARE FOOT (FEET)
SHT SHEET
SIM SIMILAR
SPA SPACE
SPECS SPECIFICATIONS
SPEC'D SPECIFIED
STIFF STIFFNER
STIR STIRRUPS
STL STEEL
SUBCONTR SUB-CONTRACTOR
SW SIDEWALK
SYM SYMMETRICAL

T
TEMP TEMERATURE
T TENSION
TERR TERRAZO
THK THICK
T&B TOP AND BOTTOM
TOB TOP OF BEAM
TOF TOP OF FOOTING
TOP TOP OF PIER ELEVATION
TOS TOP OF STEEL
TOSC TOP OF STRUCTURAL CONCRETE
TOW TOP OF WALL
TYP TYPICAL

U
UNO UNLESS NOTED OTHERWISE

V
V SHEAR
VERT VERTICAL

W
WS WATERSTOP
WPFG WATERPROOFING
WWF WELDED WIRE FABRIC
WB WIND BRACE
WL WIND LOAD
W/ WITH
W/O WITHOUT
WP WORKING POINT
WD WOOD

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FINAL DOCUMENTS

HENRY COUNTY SCHOOLS

NORTH

GEORGIA REGISTERED No. SE000368 PROFESSIONAL ENGINEER SHRANTH BANG
03/12/2026

CLIENT	
DATE 03 / 12 / 2026	PROJECT NUMBER 250306

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

GENERAL NOTES

S-010

Plot Stamp:
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