GENERAL CONDITIONS

- 1) THE CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL DIMENSIONS AND CONDITIONS ON THE JOB. WHERE CONDITIONS PREVENT OBTAINING DIMENSIONS THEY SHOULD BE CHECKED BY ENGINEER,
- 2) CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS AGREE THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES CONSTRUCTION CONTRACTOR AND SUBCONTRACTORS WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT INCLUDING SAFETY TO ALL PERSONS AND PROPERTY AND THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUGLY AND NOT BE LIMITED TO WORKING HOURS. CONTRACTORS AGREE TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONALS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
- 3) ALL WORK PERFORMED BY THE CONTRACTORS SHALL CONFORM TO THE REQUIREMENTS OF LOCAL, MUNICIPAL, STATE AND FEDERAL LAWS AS WELL AS ANY OTHER GOVERNING REQUIREMENTS, WHETHER OR NOT SPECIFIED ON DRAWINGS OR IN SPECIFICATIONS, CONTRACTOR TO BE RESPONSIBLE FOR REQUIRED INSPECTION(S) OF HIS WORK.
- Contractors shall NOTIFY THE 4) THE ARCHITECT/ENGINEER IMMEDIATELY IF HE CANNOT COMPLY WITH THE WORK CALLED FOR ON THE DRAWINGS.
- 5) THE CONTRACTORS SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES BETWEEN THE DRAWINGS, NOTES, SPECIFICATIONS AND FIELD CONDITIONS BEFORE COMMENCING ANY WORK AND REQUEST CLARIFICATION.
- 6) CONTRACTOR TO VERIFY NEW WORK WITH SURVEY.
- 7) CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING, FITTING OR PATCHING TO COMPLETE THE WORK OR MAKE THE PARTS FIT TOGETHER PROPERLY.
- 8) THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE REMOVAL OR REPLACEMENT OF DAMAGED OR DEFECTIVE MATERIAL OR POOR WORKMANSHIP, THEY SHALL REPLACE OR REPAIR AS DIRECTED BY THE ARCHITECT/ENGINEER, ALL SUCH DAMAGED OR DEFECTIVE MATERIALS, WHICH SHALL APPEAR WITHIN A PERIOD OF TWO YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION OF THE JOB.
- 9) THE CONTRACTOR(S) SHALL REMOVE ALL RUBBISH WASTE MATERIALS AND SURPLUS MATERIALS THAT ARE A BY-PRODUCT OF THEIR WORK.
- 10) CONTRACTORS SHALL PROVIDE ALL NECESSARY PROTECTION FOR HIS WORKERS.
- 1) THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS ARE SUPPLIED TO ILLUSTRATE THE DESIGN AND THE GENERAL TYPE OF CONSTRUCTION DESIRED AND ARE INTENDED TO IMPLY THE FINEST QUALITY OF CONSTRUCTION. MATERIAL AND WORKMANSHIP THROUGHOUT.
- 12) THE CONTRACTOR(G) SHALL MAINTAIN A CURRENT AND COMPLETE SET OF CONSTRUCTION DRAWINGS ON THE SITE DURING ALL PHASES OF CONSTRUCTION FOR USE BY ALL TRADES.
- 13) NO CHANGES OR MODIFICATIONS TO THE WORK SHALL BE MADE WITHOUT APPROVAL OF THE OWNER AND/OR ARCHITECT/ENGINEER, FAILURE TO OBTAIN THIS APPROVAL SHALL CAUSE THE CONTRACTOR OR SUB-CONTRACTOR TO ASSUME FULL RESPONSIBILITY FOR SUBSEQUENT MODIFICATION OF THE WORK REQUIRED BY OWNER OR ANY REGULATORY AUTHORITY.
- 14) THE ARCHITECT/ENGINEER ASSUMES NO RESPONSIBILITY FOR CONSTRUCTION MEANS METHODS TECHNIQUES. SEQUENCES, OR PROCEDURES OR FOR SAFETY PRECAUTIONS AND PROGRESS IN CONJUNCTION WITH THE WORK, THERE ARE NO WARRANTIES, NOR ANY MERCHANTABILITY OF FITNESS, NOR A SPECIFIC USE EXPRESSED OR IMPLIED IN THE USE OF THESE PLANS,

MASONRY SPECIFICATIONS

- 1. ALL MAGONRY WORK TO COMPLY WITH BUILDING CODE 530-02/ASCE 5-02/TMS 402-02
- 2. ALL HORIZONTAL AND VERTICAL JOINTS TO BE 3/8" THICK,
- 3. MORTAR JOINTS BETWEEN CONCRETE BLOCKS SHALL BE MORTARED.
- 4. HORIZONTAL AND VERTICAL CELLS OF CONCRETE CEMENT GROUT.
- 5. ALL BRICK SHALL CONFORM TO ASTM SPEC C62 AND C216.
- MASONRY.
- 7. FOR MASONRY BLOCK, HORIZONTAL JOINT VERTICALLY.
- REINFORCEMENT EVERY 16" VERTICALLY.
- 9. SELF ADHERING FLASHING SHALL BE USED AT STEEL ASPHALT.
- 10. MORTAR SHALL BE TYPE S FOR BLOCK AND N FOR OTHER ORGANIC MATTER, WATER IS TO BE POTABLE.
- 11. BOND BEAMS TO HAVE THEIR HORIZONTAL REBARS SHOWN,
- 12, VERTICAL REBARS TO BE LOCATED WITHIN 8" OF DIAMETERS,
- 13. STEEL LINTEL BEARING TO BE 8" MINIMUM ON CONCRETE BLOCK AND 4" ON BRICK UNITS.
- REBAR IN EACH PIECE OF BLOCK.
- 15, WALL REINFORCING SHALL NOT BE LESS THAN #5 @32" ON CENTER VERTICAL AND (2) #5 REBARS FOR BOND BEAM.

REQUIREMENTS FOR MASONRY STRUCTURES, ACI

MADE STRAIGHT AND WITH UNIFORM THICKNESS. BED JOINTS FOR THE FACE AND WEB SHELLS SHALL BE FULLY

BLOCKS THAT CONTAIN REINFORCING BARS, LEDGER BOLTS OR OTHER INSERTS SHALL BE FILLED SOLID WITH

6. ALL PIPES THAT PASS THROUGH THE MASONRY SHALL BE SLEEVED TO PREVENT THEM FROM BONDING WITH THE

REINFORCEMENT SHALL CONSIST OF AT LEAST (2) WIRES OF WIJ SPACED NOT MORE THAN 16" ON CENTER

8. FOR BLOCK AND VENEER MASONRY, HORIZONTAL MAGONRY WALL TIEG GHALL BE A 3 WIRE LADDER TYPE NO. 9 GAUGE (WI.T). SPLICES SHALL BE LAPPED A MINIMUM OF 6". MINIMUM EMBEDMENT OF WIRE TO BE 1/2 THE THICKNEGS OF THE VENEER UNIT, CROSS LADDER WIRES TO BE SMOOTH NO. 12 GAUGE WIRE 16" ON CENTER. SPACE

CORNERS WHERE END DAMS ARE LOCATED ALONG THE WEB. THEY ARE TO BE MADE OF 40 MIL RUBBERIZED

BRICK, SAND IS TO BE FREE OF SALT, DIRT OR ANY

CONTINUE AROUND CORNERS 2' OR 40 BAR DIAMETERS WHICH EVER IS MORE, ALL SPLICING OF REBARS TO BE 40 BAR DIAMETERS, BOND BEAMS TO BE LOCATED AT THE TOP AND BOTTOM OF WALL UNLESS OTHERWISE

CORNERS AND END WALLS, VERTICAL AND HORIZONTAL BARS SHALL BE PLACED AROUND ALL OPENINGS AND EXTEND PAGT EACH OTHER A MINIMUM OF 40 BAR

14. STACK BOND TO HAVE INSTALLED A MINIMUM OF (1) #5

CONCRETE SPECIFICATIONS

- 1) FOOTINGS, SLABS, AND WALLS SHALL BE 3000 PSI CONCRETE UNLESS OTHERWISE NOTED.
- 2) CONTRACTOR TO VERIFY SOIL BEARING CAPACITY TO BE NOT LESS THAN 4000 PSF. NO FOOTINGS OR SLABS ARE TO BE CAST ON UNCONTROLLED FILL, LOOGE SOIL ORGANIC MATERIAL, FROZEN GROUND, MUD, CLAY OR OTHER UNGUITABLE MATERIALS. IF ANY OF THESE SITUATIONS ARE PRESENT IT SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- 3) CONCRETE SHALL BE AIR-ENTRAINED WITH AN AIR CONTENT NOT LESS THAN 5% OR MORE THAN 7%.
- 4) CONCRETE SLUMP SHALL NOT BE MORE THAN 5". ENGINEER HAS APPROVAL TO REJECT CONCRETE IF SLUMP IS LARGER THAN SPECIFIED.
- 5) THE ADDITION OF ANY ADMIXTURES TO CONCRETE SHALL BE APPROVED BY THE ENGINEER.
- 6) TWO CONCRETE STRENGTH TEST CYLINDERS, 6" IN DIAMETER BY 12" SHALL BE TAKEN FROM EACH TRUCK DELIVERY UNLEGS OTHERWISE APPROVED BY THE ENGINEER. COMPRESSIVE STRENGTH TESTS TO BE TAKEN FOR EACH DAY'S POUR EXCEEDING 5 CUBIC YARDS TWO SPECIMENS TO BE TESTED @ 28 DAYS, FIELD CURED CYLINDERS SHALL BE CURED UNDER FIELD CONDITIONS IN ACCORDANCE WITH "MAKING AND CURING CONCRETE TEST SPECIMENS IN THE FIELD" (ASTM C 31).
- 7) ALL REBARS TO BE GRADE 60 KSI STEEL AND SHALL BE FREE OF RUST, SCALE AND DIRT.
- 8) ALL REBARG SHALL BE SECURELY TIED IN PLACE AND ADEQUATELY SUPPORTED. ALL REBAR SPLICES TO BE MINIMUM 40 BAR DIAMETER, REBAR SHALL BE CONTINUOUS THROUGH CORNERS WITH SPLICES LOCATED NOT CLOSER THAN 3' FROM CORNERS.
- 9) ALL FOOTINGS ARE TO HAVE THEIR REBAR PLACED NO CLOSER THAN 3" TO THE SUPPORTING SOIL.
- 10) NO WEIGHT SHALL BE PLACED UPON FOOTINGS OR WALLS UNTIL 7 DAYS AFTER PLACEMENT AS LONG AS THE CONCRETE STRENGTH HAS REACHED 2500 PSI OR BY ENGINEER'S APPROVAL
- 11) CONTRACTOR TO NOTIFY ENGINEER FOR INSPECTION OF ALL REBAR WORK PRIOR TO PLACEMENT OF CONCRETE,
- 12) ALL FOOTINGS TO REST ON VIRGIN UNDISTURBED SOIL IF SOIL IS DISTURBED, MECHANICAL COMPACTION TO 95% RELATIVE COMPACTION IN SOIL LIFTS NOT EXCEEDING 6".
- 13)(2) #5 REBARS TO BE PLACED ON ALL FOUR SIDES OF WINDOW AND DOOR OPENINGS AND OTHER LARGE OPENINGS. EACH END OF THE #5 REBAR TO EXTEND 2' BEYOND THE OPENING.
- 14) STEEL COLUMN TOP PLATE TO BE MINIMUM 1/2" THICK AND COVER ALL SUPPORTING MEMBERS, BASE PLATES TO BE 10" X 10" UNLESS OTHERWISE NOTED.
- 15) WELDED WIRE MESH SHOULD BE POSITIONED IN THE TOP 2" OF THE SLAB, FLAT SHEETS TO BE USED WITH AN OVERLAP OF 1'
- 16) UNDER THE SLAB SHALL BE PLACED 2" OF COMPACTED SAND OVER A 6 MIL VAPOR RETARDER WITH JOINTS NOT LAPPED LESS THAN 6".
- 17) GRANULAR FILL SUCH AS GRAVEL OR A MIXTURE OF SAND AND GRAVEL SHALL BE USED AS FILL UNDER THE VAPOR BARRIER, IF SOIL IS DISTURBED, MECHANICAL COMPACTION TO 95% RELATIVE COMPACTION IN SOIL LIFTS NOT EXCEEDING 8".

SHEET AND SCHEDULES FOR FABRICATION AND ASSEMBLY OF STRUCTURAL STEEL MEMBER, PROCEDURES AND DIAGRAMS. INCLUDE DETAILS OF CUTS CONNECTIONS, CAMBER, HOLES, AND OTHER PERTINENT DATA. INCLUDE WELDS BY STANDARD AWS SYMBOLS AND SHOW SIZE, LENGTH AND TYPE OF EACH WELD. PROVIDE SETTING DRAWINGS, TEMPLATES AND DIRECTIONS FOR INSTALLATION OF ANCHOR BOLTS AND OTHER ANCHORAGES. ")T CONSTRUCTION (AIGC) 9TH EDITION. 8 STEEL, 4. ANCHOR BOLTS AGTM A325. BOLTS NUTS AND WASHERS TO BE A325 OR A490 BOLTS. SHALL BE IN ACCORDANCE WITH THE AIGC AND AWS SPECIFICATIONS. ANY STRUCTURAL STEEL DAMAGED IN WELDING IS TO BE REPLACED OR REINFORCED AS ACCEPTABLE TO THE ENGINEER. TO HAVE ONE COAT OF A ZINC RICH PRIMER, AN INTERMEDIATE COAT OF EPOXY AND A FINISH COAT OF URETHANE. NON-CORROSIVE AND NON-STAINING CONSISTING OF SELECTED SILICA SAND, PORTLAND CEMENT, SHRINKAGE COMPENSATING AGENTS, PLASTICIZING AND WATER REDUCING AGENTS. EXTENT POSSIBLE, FABRICATE ITEMS OF STRUCTURAL STEEL IN ACCORDANCE WITH AIGC SPECIFICATIONS AND AS INDICATED ON FINAL SHOP DRAWINGS. 10. ALL CONNECTIONS SHOULD BE CONSTRUCTED AS SHOWN ON THE DRAWINGS. ALTERNATE CONNECTION DESIGNS SHALL ONLY BE ALLOWED WITH PRIOR APPROVAL OF THE ENGINEER, CALCULATION AND SHOP DRAWINGS SHALL BE SUBMITTED BEARING THE ENGINEER'S SEAL AND SIGNATURE **PROJECT:** CONSIST OF WELDS DEVELOPING 10,000 POUND CAPACITY. MINIMUM WELD PIETZ SIZE SHALL BE 3/16" FILLET. RESIDENCE PRITCHARD ST ERRORS WITHOUT THE APPROVAL OF THE ENGINEER. BLUFFTON. 14. ALL STRUCTURAL STEEL THAT IS LOCATED IN EXTERIOR UNHEATED SPACES, INCLUDING STEEL DIRECTLY EXPOSED TO WEATHER SHALL BE POWER TOOL SOUTH CAROLINA CLEANED AND PAINTED WITH THREE COATS OF OIL BASED PAINT IN ACCORDANCE WITH THE STEEL STRUCTURES PAINTING COUNCIL **REVISIONS:** DATE: 4/28/23 SCALE: NOTED DRAWN BY: JGC CHECKED BY: DRAWING TITLE: GENERAL NOTES & SPECIFICATIONS

1. SHOP DRAWINGS - SUBMIT SHOP DRAWINGS INCLUDING COMPLETE DETAILS 2. CODE FOR FABRICATION TO BE AMERICAN INSTITUTE OF STEEL 3. STRUCTURAL STEEL SHAPES TO BE A992, PLATES AND BARS TO BE A36 5. HIGH STRENGTH THREADED FASTENERS, HEAVY HEXAGON STRUCTURAL 6. ELECTRODES FOR WELDING AWS A5.1 OR A5.5 E70XX WELDING TEMPERATURES 7. STRUCTURAL STEEL PRIMER PAINT TO BE SSPC - PAINT 13. EXPOSED STEEL 8. NON METALLIC SHRINKAGE REGISTANT GROUT TO BE PREMIXED 9. FABRICATE AND ASSEMBLE STRUCTURAL ASSEMBLIES IN SHOP TO GREATEST 11. CONNECTIONS MADE WITH UNMARKED BOLTS AND NUTS WILL BE REJECTED. 12. CONNECTIONS SHALL BE DETAILED OR SCHEDULED. NO CONNECTIONS SHALL 13. GAS CUTTING TORCHES SHALL NOT BE USED TO CORRECT FABRICATION

STRUCTURAL STEEL STEEL NON-COMPOSITE FLOOR DECK 1. STEEL DECK DESIGN, DETAILING, FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH THE DESIGN MANUAL FOR STEEL DECK DESIGN, DETAILING FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH THE DESIGN MANUAL FOR DESIGN MANUAL FOR COMPOSITE DECKS, FORM DECKS AND ROOF DECKS BY THE STEEL DECK INSTITUTE (SDI), FORM DECKS AND ROOF DECKS BY THE STEEL DECK INSTITUTE (SDI), FORM DECKS AND ROOF DECKS BY THE STEEL DECK INSTITUTE (SDI). BY THE STEEL DECK INSTITUTE (SDI). 2. STEEL DECK SHALL CONFORM TO ASTM A653 SQ GRADE 33 (FY = 33 KSI) 3. STEEL DECK SHALL BE GALVANIZED WITH A PROTECTIVE ZINC COATING CONFORMING TO ASTM A924, WHICH COATING STEEL DECK SHALL BE GALVANIZED WITH A PROTECTIVE ZINC COATING CONFORMING TO ASTM A924, WHICH COATING DESIGNATION G90 4. PROVIDE A MINIMUM END BEARING OF 2" OVER SUPPORTS. END LAPS OF SHEETS SHALL BE A MINIMUM OF 2" AND PROVIDE A MINIMUM END BEARING OF 2" OVER SUPPORTS, END LAPS OF SHEETS SHALL BE A MINIMUM OF 2" AND SHALL OCCUR OVER SUPPORTS. 5. ALL OPENINGS LARGER THAN 12", AND AS DETAILED, SHALL HAVE STEEL FRAMING SUPPORTING ALL EDGES. SEE ALL OPENINGS LARGER THAN 12", AND AS DETAILED. SHALL HAVE STEEL FRAMING SUPPORTING ALL EDGES. SEE DETAILS. 6. ALL METAL DECK WELDING SHALL BE IN ACCORDANCE WITH AMERICAN WELDING SOCIETY SPECIFICATIONS D1.3. ALL METAL DECK WELDING SHALL BE IN ACCORDANCE WITH AMERICAN WELDING SOCIETY SPECIFICATIONS DI.3. PROVIDE WELDING WASHERS FOR ALL FLOOR DECK WELDS. 7. SHOP DRAWINGS - SUBMIT SHOP DRAWINGS INCLUDING COMPLETE DETAILS AND SCHEDULES FOR FABRICATION AND ASSEMBLY OF STRUCTURAL STEEL MEMBER PROCEDURES AND DIAGRAMS, INCLUDE DETAILS OF CUTS, CONNECTIONS, CAMBER HOLES, AND OTHER PERTINENT DATA, INCLUDE WELDS BY STANDARD AWS SYMBOLS AND SHOW SIZE, LENGTH AND TYPE OF EACH WELD. PROVIDE SETTING DRAWINGS, TEMPLATES AND DIRECTIONS FOR INSTALLATION OF ANCHOR BOLTS AND OTHER ANCHORAGES 8, PORCH DECK SIDELAPS SHALL BE ATTACHED AT ENDS OF CANTILEVERS AND AT A MAXIMUM SPACING OF 12" O.C. FROM PORCH DECK SIDELAPS SHALL BE ATTACHED AT ENDS OF CANTILEVERS AND AT A MAXIMUM SPACING OF 12" O.C. FROM CANTILEVERED ROOF DECK ENDS, THE ROOF DECK MUST BE COMPLETELY ATTACHED TO THE SUPPORTS AND AT THE SIDE LAPS BEFORE ANY LOAD IS APPLIED TO THE CANTILEVER. 10. ALL STEEL DECK EDGES SHALL BE SUPPORTED BY A L4X4X POUR STOP

ANGLE, UNLESS NOTED OTHERWISE,



























57 CRIMP METAL ROOFING INSTALL PER MANUFACTURER'S SPECIFICATIONS -1/4" HARDIE BOARD SOFFIT-

CONT. METAL DRIP EDGE. MATCH ROOFING -Color & Material 5/4x4 hardie board fascia bd.-2×10 PT BARGE RAFTER_ 2x8 PT LEDGER

5/4x6 hardie frieze board $^-$ Continuous flashing from Behind Frieze to 1st siding Lap

2x4 purling let into trugs 7/8" @ 24" o.C. to support barge rafter, typ. for all gables $^-$

- HARDIE SMOOTH LAP SIDING - Cont. WIND & Water Barrier House Wrap

1/2" APA EXTERIOR PLYWOOD SHEATHING SHALL SPAN OVER ALL PLATES & HEADERS & SHALL BE ADEQUATELY NAILED TO CREATE A DIAPHRAM

2×6 Exterior Wall Framing © 16" O.C.





RAKE DETAIL

SCALE: 1''=1'-0''

•

SCALE: 1"=1'-0"

SHEET 7 OF 8
PROJECT:
REVISIONS: \triangle
DATE: 1/31/21 SCALE: NOTED DRAWN BY: JGC CHECKED BY: DRAWING TITLE:





Live Fence detail 6-1x4 Pt Wood with a 1x6 Pt wprod topprove the fax 4 Pt wood posts with live fence wire

ATTACHMENT 4

Privacy fence detail 6" Pt Wood Privacy fence