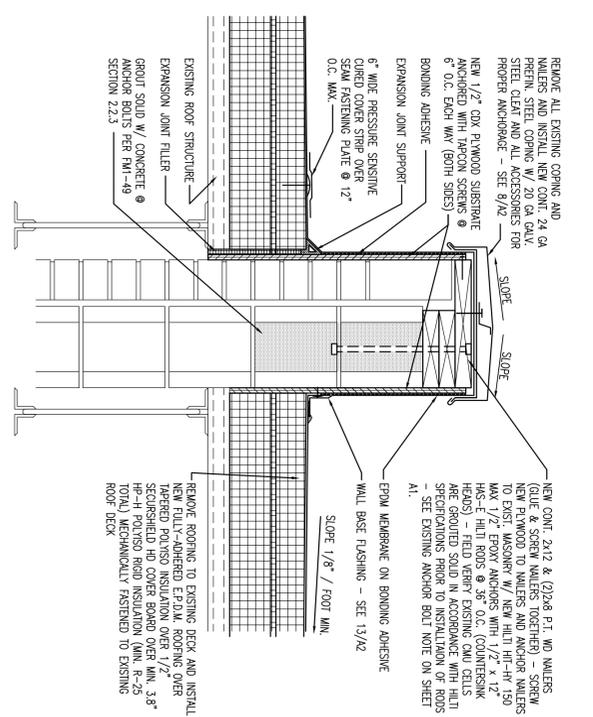


1/2" = 1'-0"  
COPING / DECK TO WALL EXPANSION JOINT DETAIL



GENERAL NOTES

1. CONTRACTOR SHALL CONFER HIS OPERATIONS TO THE IMMEDIATE VICINITY OF THE WORK SITE AS DIRECTED BY THE ARCHITECT & SHALL ACCESS THE ROOFS ONLY FROM THE PORTION(S) OF THE BUILDING DESIGNATED BY THE OWNER & THE ARCHITECT.
2. DURING CONSTRUCTION, CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THE BUILDING & ITS CONTENTS FROM THE ELEMENTS & SHALL PROVIDE TEMPORARY ROOF PROTECTION & COVERING AS NECESSARY.
3. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PROTECTION OF ACTUAL CONDITIONS SURROUNDING THE PERFORMING INCLUDING AS-BUILT CONDITION OF THE BUILDING & ROOF.
4. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR VENTILATION OF ROOF DIMENSIONS, SIZES, LOCATIONS, ETC. OF EXISTING ROOF-MOUNTED EQUIPMENT & ACCESSORIES OR STRUCTURES.
5. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INSURING THAT THE ROOF STRUCTURE IS NOT OVERLOADED BY WEIGHTS OF CONSTRUCTION EQUIPMENT, MATERIALS & PERSONNEL DURING CONSTRUCTION.
6. ALL FLASHING WITHIN & CONTIGUOUS TO ROOF AREAS NOTED FOR REMOVAL & REPLACEMENT SHALL ALSO BE REMOVED & NEW FLASHING PROVIDED UNLESS NOTED OTHERWISE.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING VEHICLES, ROOF-MOUNTED EQUIPMENT, ETC. FROM BURNING OR OTHER DAMAGE.
8. NOTES, SECTIONS & DETAILS SHOWN SHALL BE TYPICAL FOR ALL AREAS IN WHICH THEY OCCUR, WHETHER SPECIFICALLY IDENTIFIED OR NOT.
9. ALL DAMAGE TO THE EXISTING SITE, BUILDING, OR ITS CONTENTS INCURRED AS A RESULT OF CONSTRUCTION OPERATIONS SHALL BE REPAIRED OR REPLACED TO MATCH EXISTING INCLUDING RESEEDING ALL DISTURBED GRASS/AREAS TO THE SATISFACTION OF THE ARCHITECT AND/OR THE OWNER & SHALL BE AT THE SOLE DIRECTION OF THE CONTRACTOR.
10. IN ALL AREAS TO BE RE-ROOFED, REMOVE EXISTING ROOFING & INSULATION DOWN TO EXISTING ROOF DECK. HOOROUGHLY CLEAN EXISTING ROOF DECKS & INSPECT FOR DAMAGED OR WEAR AREAS OF EXISTING METAL DECK SHALL BE REPAIRED WITH NEW METAL DECKING TO MATCH EXISTING. CONTRACTOR SHALL IMMEDIATELY INFORM ARCHITECT OF ANY AREAS OF EXISTING ROOF DECK DISCOVERED TO BE STRUCTURALLY DAMAGED OR OTHERWISE DEFICIENT. CONTRACTOR SHALL PROVIDE A UNIT PRICE PER SHEET (TO MATCH EXISTING) FOR REMOVAL AND REPLACEMENT OF EXISTING STRUCTURALLY DAMAGED METAL DECK.
11. PROVIDE & INSTALL DIRECT-ADHERED RUBBER MEMBRANE ROOFING SYSTEM OVER ROOF AREAS OF THE BUILDING WHERE SHOWN ON THE ROOF PLAN, INCLUDING INSULATION WOOD GROUNDING, AND CEILING REACHED TO SECURE ROOFING IN PLACE.
12. ALL ROOFING MATERIALS SHALL BE BY CHARLISSE, THE 12 AND RUBBER CO.
13. MEMBRANE SHALL BE .060 INCHES THICK, MAXIMUM TEN (10) FEET WIDE, LENGTH DETERMINED BY JOB CONDITION. EX-DOLK (LETTERING PROPERTIES: DENE MONODRY) COMPOUNDED ELASTOMER.
14. ROOF INSULATION SHALL BE MINIMUM 3.0" THICK POLYISO/CYANURATE, 25 PSI RATED, HP-H 2.0 PCF MINIMUM DENSITY WITH 0.5" SECURED HD COVER BOARD IN 48"X96" OR 48"X48" SHEETS. PROVIDE ADDITIONAL TAPERED INSULATION AS NEEDED TO CREATE SLOPE, AT THICKNESSES AS REQUIRED.
15. ALL COPINGS, SCUPPERS, AND MISCELLANEOUS FLASHINGS SHALL BE FINISHED 24 GAUGE STEEL WITH KYNAR 500 FINISH - COLOR SHALL BE AS SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD COLORS TO MATCH THE EXISTING EDGE METAL COLOR.

KEYED NOTES

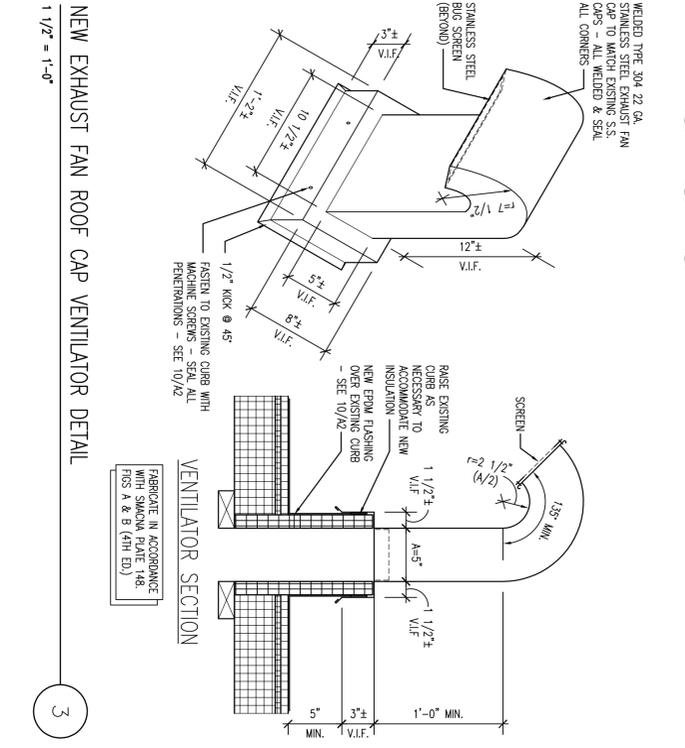
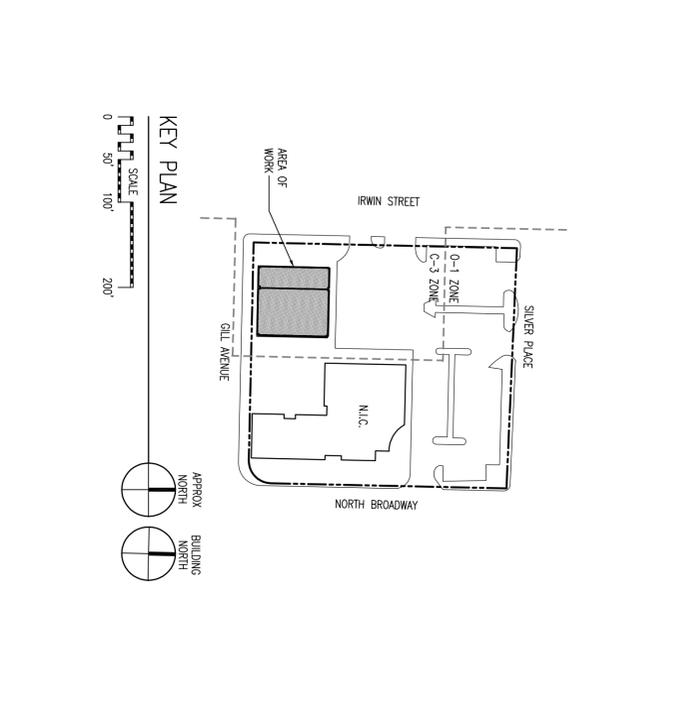
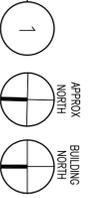
- 1 REMOVE EXISTING ROOFING, INSULATION, CONC. FILL, ETC. DOWN TO EXISTING DECK. INSPECT SUBSTRATE FOR DAMAGE & REPAIR AS DIRECTED BY ARCHITECT - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURALLY DAMAGED METAL DECKING, FLASHING AND INSTALL NEW FULLY-ADHERED EPDM ROOFING OVER MINIMUM 4.5" (MIN. R-25) TAPERED ROOF INSULATION BOARD MECHANICALLY FASTENED TO EXISTING ROOF DECK LINE OF EXISTING BUILDING WALL BELOW.
- 2 EXISTING VENT THROUGH THE ROOF (VTR) - SEE 7 OR 8/2 - TRF.
- 3 MANUFACTURER'S 30"x30" WALK PAD - SEE 4/2 - 8/2 - TRF.
- 4 LOCATE ADJACENT TO ROOFTOP EQUIPMENT AND TYPICAL LADDER LOCATION (WHERE APPLICABLE).
- 5 FINISH AND INSTALL NEW TAPERED INSULATION CRICKET WITH MIN. 1 1/2" SLOPE.
- 6 REMOVE EXISTING COPING AND WOOD WALKER AND INSTALL NEW CONT. 24 GA. PREFINISHED STEEL COPING WITH ALL ACCESSORIES FOR PROPER ANCHORAGE - SEE 1/2.
- 7 REMOVE EXISTING SCUPPER STEPS AND INSTALL NEW EMERGENCY OVERTURN SPILLOUT SCUPPER - SEE 2/2.
- 8 REMOVE EXISTING EXHAUST FAN (EF), ROOF CPV VENTILATOR AND INSTALL NEW STAINLESS STEEL EXHAUST FAN ROOF CPV VENTILATOR - SEE 3/1.
- 9 EXISTING GAS LINE PENETRATION - FLASH W/ PITCH PAN - SEE 9/2.
- 10 PHOTO CELL ELECTRICAL PENETRATION - FLASH W/ PITCH PAN - SEE 9/2.
- 11 EXISTING ROOF DRAIN (RD) - CLEAN, SAND, GRIND AND REPLACE STRAINER - IF EXISTING ROOF DRAIN AND HOOD/CANOPY CANNOT BE REUSED, UPON ISSUANCE OF A CHANGE ORDER THE CONTRACTOR SHALL INSTALL A RETROFIT DRAIN EQUAL TO U-FLOW SUPERDOME RETROFIT AS MANUFACTURED BY ZURIN, OR A NEW ROOF DRAIN EQUAL TO ZURIN ZC100-C-E-E-AS MANUFACTURED BY ZURIN INDUSTRIES, INC. - SEE 6/2. CONTRACTOR SHALL PROVIDE ONE UNIT PRICE PER DRAIN FOR ALL LABOR AND MATERIALS TO FINISH AND INSTALL THE RETROFIT DRAIN AND A SECOND UNIT PRICE PER DRAIN FOR THE EXISTING ROOF DRAIN WITH THE NEW ZURIN ROOF DRAIN.
- 12 REMOVE EXISTING ROOF DRAIN AND INSTALL NEW RETROFIT DRAIN - SEE 6/2. CONNECT NEW MAIN ROOF DRAIN TO EXISTING ROOF DRAIN LEADER.
- 13 REMOVE EXISTING ROOF DRAIN LEADER TO NEW 6" PVC ROOF DRAIN LEADER W/ MIN. 1" THICK INSULATION AND METAL SUPPORT HANGERS @ 6'-0" O.C. MAX. USE GIC-DESIGNATED LEADER ON INTERIOR SIDE OF EXTERIOR WALL - EXTEND LEADER THROUGH WALL TO OUTLET @ 18" ABOVE GRADE EQUAL TO ZURIN Z-199 - ALTERNATE 2X ROUTE LEADER ABOVE EXIST. WALL ABOVE GRADE - SEE 16/2.
- 13 EXISTING ROOFTOP UNIT / HOOD TO REMAIN - FLASH SM. TO 10/2.
- 14 EXISTING ROOFTOP UNIT ON STEPPERS TO REMAIN - SEE 10/2.
- 15 EXISTING GAS FLE TO REMAIN - SEE 3/2.
- 16 EXISTING ROOFTOP UNIT / HOOD TO REMAIN - FLASH SM. TO 10/2.
- 17 DECK TO WALL EXPANSION JOINT - SEE 2/1.
- 18 6" PVC ROOF DRAIN LEADER BELOW ROOF W/ MIN. 1" THICK INSULATION AND METAL SUPPORT HANGERS @ 6'-0" O.C. MAX. - SEE 16/2 (SM).
- 19 RISE 6" PVC VERTICAL ROOF DRAIN LEADER - EXTEND DOWN INTERIOR SIDE OF WALL - ANCHOR TO WALL WITH P.D. WLL STRAP ANCHORS @ 24" O.C. VERT. - EXTEND THROUGH WALL TO OUTLET @ 18" ABOVE GRADE EQUAL TO ZURIN Z-199-PCV-SS.
- 20 ALTERNATE 2X PREFINISHED METAL CONDUCTOR HEAD AND DOWNSPOUT ON EXTERIOR OF WALL - SHALL ABOVE GRADE ON SPLASH BLOCK - SEE 16/2.

ROOF PLAN NOTES:

1. LOCATIONS OF PENETRATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATION, SIZE, AND QUANTITY OF PENETRATIONS.
2. VTR INDICATES PLUMBING VENT STACK THROUGH ROOF - SEE 7 OR 8/2.
3. ROOFING DETAILS SHOWING EXISTING ROOF AND WALL CONSTRUCTION AND MATERIALS ARE AN APPROXIMATION AND MUST BE VERIFIED BY THE CONTRACTOR. IF ACTUAL FIELD CONDITIONS VARY FROM WHAT IS SHOWN BY THE ARCHITECTURAL DETAILS, THE CONTRACTOR SHALL ALTER THE DETAILS AS REQUIRED INSURING THAT THE ORIGINAL INTENT OF THE DESIGN IS MAINTAINED AT NO ADDITIONAL COST TO THE OWNER.
4. EF OR RD INDICATES ROOF PENETRATIONS WITH DRAIN BASED A MINIMUM OF 8" ABOVE FINISHED ROOF HEIGHT. CONTRACTOR SHALL VERIFY THE EXISTING ROOF INSULATION CRICKETS ON HIGH SIDE AS DIRECTED BY MEMBRANE MANUFACTURER - SEE 10/2.
5. CONTRACTOR TO VERIFY ALL DIMENSIONS, CONTRACTOR SHALL PROVIDE A UNIT PRICE PER SHEET (TO MATCH EXISTING) FOR REMOVAL AND REPLACEMENT OF EXISTING STRUCTURALLY DAMAGED METAL DECK.
6. VTRP OR VTR INDICATES VENT STACK THROUGH ROOF. CONTRACTOR SHALL EXERCISE CAUTION DURING REMOVAL OF THE EXISTING ROOFING TO AVOID DISTURBING THE EXISTING CONDUIT.
7. PORTIONS OF THE EXISTING ELECTRICAL WIRING MAY BE ROUTED IN CONDUIT ON THE ROOF DECK UNDER THE EXISTING ROOFING. CONTRACTOR SHALL EXERCISE CAUTION DURING REMOVAL OF THE EXISTING ROOFING TO AVOID DISTURBING THE EXISTING CONDUIT.
8. ARROW INDICATES DIRECTION OF MIN. 1/8" PER FOOT SLOPE DOWN TO ROOF DRAIN - SLOPE ALL TAPERED INSULATION CRICKETS @ 1/2"/FT. MIN.
9. RD INDICATES EXISTING ROOF DRAIN TO REMAIN OR TO BE REPLACED. SEE KEYED NOTE 11 AND 6/2.
10. VTRP INDICATES EXISTING COPING TO BE REPLACED - SEE KEYED NOTE 6 AND 1/2.
11. EF OR RD INDICATES EXISTING HVC ROOFTOP UNIT - SEE 10/2 FOR SCUPPER FLASHING AND 14/2 FOR STEEPER FLASHING - COVE MOLDING DETAILS.
12. [Symbol] INDICATES EXISTING COPING TO BE REPLACED. [Symbol] INDICATES EXISTING COPING TO BE REPLACED - SEE KEYED NOTE 1.

1/8" = 1'-0"  
ROOF PLAN

APPROX. 6,784 S.F. ROOF TO BE REPLACED



NEW EXHAUST FAN ROOF CAP VENTILATOR DETAIL

WELDED TYPE 304 22 GA. PAN CAP TO MATCH EXISTING S.S. CAPS - ALL WELDED & SEAL ALL CORNERS

RAISE EXISTING CURB AS TO ACCOMMODATE NEW INSULATION OVER EXISTING CURB - SEE 10/2.

SCREEN 1 1/2\"/>

GENERAL NOTES

1. CONTRACTOR SHALL CONFER HIS OPERATIONS TO THE IMMEDIATE VICINITY OF THE WORK SITE AS DIRECTED BY THE ARCHITECT & SHALL ACCESS THE ROOFS ONLY FROM THE PORTION(S) OF THE BUILDING DESIGNATED BY THE OWNER & THE ARCHITECT.
2. DURING CONSTRUCTION, CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THE BUILDING & ITS CONTENTS FROM THE ELEMENTS & SHALL PROVIDE TEMPORARY ROOF PROTECTION & COVERING AS NECESSARY.
3. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PROTECTION OF ACTUAL CONDITIONS SURROUNDING THE PERFORMING INCLUDING AS-BUILT CONDITION OF THE BUILDING & ROOF.
4. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR VENTILATION OF ROOF DIMENSIONS, SIZES, LOCATIONS, ETC. OF EXISTING ROOF-MOUNTED EQUIPMENT & ACCESSORIES OR STRUCTURES.
5. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INSURING THAT THE ROOF STRUCTURE IS NOT OVERLOADED BY WEIGHTS OF CONSTRUCTION EQUIPMENT, MATERIALS & PERSONNEL DURING CONSTRUCTION.
6. ALL FLASHING WITHIN & CONTIGUOUS TO ROOF AREAS NOTED FOR REMOVAL & REPLACEMENT SHALL ALSO BE REMOVED & NEW FLASHING PROVIDED UNLESS NOTED OTHERWISE.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING VEHICLES, ROOF-MOUNTED EQUIPMENT, ETC. FROM BURNING OR OTHER DAMAGE.
8. NOTES, SECTIONS & DETAILS SHOWN SHALL BE TYPICAL FOR ALL AREAS IN WHICH THEY OCCUR, WHETHER SPECIFICALLY IDENTIFIED OR NOT.
9. ALL DAMAGE TO THE EXISTING SITE, BUILDING, OR ITS CONTENTS INCURRED AS A RESULT OF CONSTRUCTION OPERATIONS SHALL BE REPAIRED OR REPLACED TO MATCH EXISTING INCLUDING RESEEDING ALL DISTURBED GRASS/AREAS TO THE SATISFACTION OF THE ARCHITECT AND/OR THE OWNER & SHALL BE AT THE SOLE DIRECTION OF THE CONTRACTOR.
10. IN ALL AREAS TO BE RE-ROOFED, REMOVE EXISTING ROOFING & INSULATION DOWN TO EXISTING ROOF DECK. HOOROUGHLY CLEAN EXISTING ROOF DECKS & INSPECT FOR DAMAGED OR WEAR AREAS OF EXISTING METAL DECK SHALL BE REPAIRED WITH NEW METAL DECKING TO MATCH EXISTING. CONTRACTOR SHALL IMMEDIATELY INFORM ARCHITECT OF ANY AREAS OF EXISTING ROOF DECK DISCOVERED TO BE STRUCTURALLY DAMAGED OR OTHERWISE DEFICIENT. CONTRACTOR SHALL PROVIDE A UNIT PRICE PER SHEET (TO MATCH EXISTING) FOR REMOVAL AND REPLACEMENT OF EXISTING STRUCTURALLY DAMAGED METAL DECK.
11. PROVIDE & INSTALL DIRECT-ADHERED RUBBER MEMBRANE ROOFING SYSTEM OVER ROOF AREAS OF THE BUILDING WHERE SHOWN ON THE ROOF PLAN, INCLUDING INSULATION WOOD GROUNDING, AND CEILING REACHED TO SECURE ROOFING IN PLACE.
12. ALL ROOFING MATERIALS SHALL BE BY CHARLISSE, THE 12 AND RUBBER CO.
13. MEMBRANE SHALL BE .060 INCHES THICK, MAXIMUM TEN (10) FEET WIDE, LENGTH DETERMINED BY JOB CONDITION. EX-DOLK (LETTERING PROPERTIES: DENE MONODRY) COMPOUNDED ELASTOMER.
14. ROOF INSULATION SHALL BE MINIMUM 3.0" THICK POLYISO/CYANURATE, 25 PSI RATED, HP-H 2.0 PCF MINIMUM DENSITY WITH 0.5" SECURED HD COVER BOARD IN 48"X96" OR 48"X48" SHEETS. PROVIDE ADDITIONAL TAPERED INSULATION AS NEEDED TO CREATE SLOPE, AT THICKNESSES AS REQUIRED.
15. ALL COPINGS, SCUPPERS, AND MISCELLANEOUS FLASHINGS SHALL BE FINISHED 24 GAUGE STEEL WITH KYNAR 500 FINISH - COLOR SHALL BE AS SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD COLORS TO MATCH THE EXISTING EDGE METAL COLOR.

DATE: 08/25/15

DRAWN BY: VAD

CONTR. NO.: 1515

SHEET: 2 OF 3

DRAWING NO.: A1

**THOMAS CALDWELL, ARCHITECT**  
 6500 PAPERMILL ROAD, SUITE 211  
 KNOXVILLE, TENNESSEE 37919-4819  
 (865) 588-0860 (865) 558-9844/FAX  
[HTTP://www.tcarchitect.com](http://www.tcarchitect.com)

REEROOFING OF:  
**KCDC PURCHASING BUILDING**  
 KNOXVILLE, TENNESSEE

THE DESIGN PROFESSIONAL WAIVES ANY AND ALL LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR OTHER'S FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.