TO PROPERLY COORDINATE THE WORK.

1. CONTRACTOR AND ALL OF ITS SUBCONTRACTORS ARE SOLELY RESPONSIBLE FOR ALL COSTS FOR PRODUCTS AND MATERIALS, OR VISIT THE SITE AND BECOME FAMILIAR WITH CONDITIONS.

2. SOME INFORMATION SHOWN IN THE DRAWINGS, IN REGARDS TO THE GENERAL CONDITIONS.

ADD - AL TE R N A T E #3:
- PROVIDE NEW GENERATOR AND PLATFORM, REFER TO S2.0, REMOVAL OF SECOND LAYER OF ROOFING, IF PRESENT.
- REINSTALL TABLE COMPONENTS AND SURROUNDING EMBANKMENT.
- PROVIDE TEXTURED AND PAINTED GYPSUM BOARD AT CEILING OF TEXTURED AND PAINTED GYPSUM WALL BOARD, REFER TO S2.0.1.

ADD - AL TE R N A T E #4:
- REPAIR RAIL ALONG TYP.· ORIENTED STRAND BOARD.
- ORIENTED STRAND BOARD.

WARRANTY
1. ALL WORK PERFORMED SHALL BE WARRANTED BY THE GENERAL CONTRACTOR AS REQUIRED BY THE CONTRACT.

TECHNICAL NOTES
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE HANDLING, STORAGE, HaulING AND REMOVAL OF THE MATERIALS TO BE REMOVED.

TEMPORARY BRACING, FALLS, AND FLOODWATER

NON-COMPLIANCE ITEMS REQUIRING VARANCES
- THE OWNER REQUESTS THAT THE AUTHORITY HAVING JURISDICTION ALLOW THE FOLLOWING EXISTING CONDITIONS TO REMAIN, RATHER THAN REMODELING THEM AS REQUIRED BY THE 2019 IFC.
- THE RATING OF THE AGREEMENTS FOLLOWING THE CODES:
  1. GROUND FLOOR IS TO REMAIN AT ITS EXISTING ELEVATION OF 12 FT 6 IN. ABOVE ELEVATION OF 8 FT 6 IN. REQUIRED BY BC SECTION 1912.6.
  2. BUILDING STRUCTURE HAS NOT BEEN MODIFIED TO REMOVE THE EFFECTS OF FLOOD HAZARDS AND FLOOD LOADS TO THE DESIGNED DESIGN LOADS.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING THE CONSTRUCTION JOINTS AND TO PROVIDE A SAFE AND ORDERLY FLOW OF PEDESTRIAN AND VEHICLE TRAFFIC THROUGH REQUIRED ENTRANCES AND EXITS DURING THE REPAIR WORK.

2. NO SMOKING SHALL BE PERMITTED ONSITE. CONTRACTOR IS SOLELY RESPONSIBLE FOR JOBSITE SAFETY, AND SHALL ENSURE THEIR COMPLIANCE WITH OSHA STANDARDS.

3. AREAS THAT ARE NOT DIRECTLY UNDER CONSTRUCTION THAT REQUIRE PROTECTION AND FIRE WATCH DURING ALL CONSTRUCTION OPERATIONS.

4. ALL WORK PERFORMED SHALL BE WARRANTED BY THE GENERAL CONTRACTOR AS REQUIRED BY THE CONTRACT.

5. IF CONDITIONS EXIST THAT ARE NOT ADEQUATELY DETAILED, ADVICE FROM THE OWNER, CONTRACTOR, AND STRUCTURAL ENGINEER IS REQUIRED.

6. MAY BE USED REGARDLESS OF WHETHER THE CONTRACTOR'S FAILURE TO RECEIVE OR EXAMINE ANY REQUIRED DOCUMENTS, DRAWINGS, NOTES, SPECIFICATIONS, THE OWNER REQUESTS THAT THE AUTHORITY HAVING JURISDICTION ALLOW THE FOLLOWING EXISTING CONDITIONS TO REMAIN, RATHER THAN REMODELING THEM AS REQUIRED BY THE 2019 IFC.

7. STRUCTURAL CONCRETE: BUILDING CODE REQUIREMENTS FOR WOOD CONSTRUCTION, AMERICAN WOOD COUNCIL, 2015 EDITION.

8. ASCE 7-10, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.

9. ADDITIONAL REQUIREMENTS: CODE REQUIREMENTS FOR WOOD CONSTRUCTION, AMERICAN WOOD COUNCIL, 2015 EDITION.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE HANDLING, STORAGE, Hauling AND REMOVAL OF THE MATERIALS TO BE REMOVED.

FIRE PROTECTION
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE PROTECTION, THE FIRE HAZARD ASSESSMENT, AND ALL FIRE PROTECTION OPERATIONS.

2. NO SMOKING SHALL BE PERMITTED ONSITE. CONTRACTOR IS SOLELY RESPONSIBLE FOR JOBSITE SAFETY, AND SHALL ENSURE THEIR COMPLIANCE WITH OSHA STANDARDS.

3. AREAS THAT ARE NOT DIRECTLY UNDER CONSTRUCTION THAT REQUIRE PROTECTION AND FIRE WATCH DURING ALL CONSTRUCTION OPERATIONS.

4. ALL WORK PERFORMED SHALL BE WARRANTED BY THE GENERAL CONTRACTOR AS REQUIRED BY THE CONTRACT.

5. IF CONDITIONS EXIST THAT ARE NOT ADEQUATELY DETAILED, ADVICE FROM THE OWNER, CONTRACTOR, AND STRUCTURAL ENGINEER IS REQUIRED.

6. MAY BE USED REGARDLESS OF WHETHER THE CONTRACTOR'S FAILURE TO RECEIVE OR EXAMINE ANY REQUIRED DOCUMENTS, DRAWINGS, NOTES, SPECIFICATIONS, THE OWNER REQUESTS THAT THE AUTHORITY HAVING JURISDICTION ALLOW THE FOLLOWING EXISTING CONDITIONS TO REMAIN, RATHER THAN REMODELING THEM AS REQUIRED BY THE 2019 IFC.

7. STRUCTURAL CONCRETE: BUILDING CODE REQUIREMENTS FOR WOOD CONSTRUCTION, AMERICAN WOOD COUNCIL, 2015 EDITION.

8. ASCE 7-10, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.

9. ADDITIONAL REQUIREMENTS: CODE REQUIREMENTS FOR WOOD CONSTRUCTION, AMERICAN WOOD COUNCIL, 2015 EDITION.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE HANDLING, STORAGE, Hauling AND REMOVAL OF THE MATERIALS TO BE REMOVED.

QUALITY ASSURANCE
1. MANUFACTURABLE, THE CONTRACTOR SHALL BE LICENSED APPLICATION OR INSTALLATION OF ALL SPECIFIED PROPERLY PRODUCTS AND MATERIALS.

2. THE PRESENCE OF THE ENGINEERS OR TESTING AGENCY AT THE SITES DOES NOT RELIEVE CONTRACTOR OF THE RESPONSIBILITY TO PERFORM THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

3. ALL WORK PERFORMED SHALL BE WARRANTED BY THE GENERAL CONTRACTOR AS REQUIRED BY THE CONTRACT.

4. MAY BE USED REGARDLESS OF WHETHER THE CONTRACTOR'S FAILURE TO RECEIVE OR EXAMINE ANY REQUIRED DOCUMENTS, DRAWINGS, NOTES, SPECIFICATIONS, THE OWNER REQUESTS THAT THE AUTHORITY HAVING JURISDICTION ALLOW THE FOLLOWING EXISTING CONDITIONS TO REMAIN, RATHER THAN REMODELING THEM AS REQUIRED BY THE 2019 IFC.

5. IF CONDITIONS EXIST THAT ARE NOT ADEQUATELY DETAILED, ADVICE FROM THE OWNER, CONTRACTOR, AND STRUCTURAL ENGINEER IS REQUIRED.

6. MAY BE USED REGARDLESS OF WHETHER THE CONTRACTOR'S FAILURE TO RECEIVE OR EXAMINE ANY REQUIRED DOCUMENTS, DRAWINGS, NOTES, SPECIFICATIONS, THE OWNER REQUESTS THAT THE AUTHORITY HAVING JURISDICTION ALLOW THE FOLLOWING EXISTING CONDITIONS TO REMAIN, RATHER THAN REMODELING THEM AS REQUIRED BY THE 2019 IFC.
COORDINATES DERIVED USING WHERE DIGITAL ELEVATION MODEL WITHIN THE TRAFFIC BRIDGE LIMITS OF CONSTRUCTION SHOWN MAY NOT CORRESPOND WITH ACTUAL LOCATION OF STRUCTURES, TRAFFIC BRIDGE WILL BE REPAIRED AT CONTRACTOR'S EXPENSE.

VILLAGES CREEK STATE PARK
FACILITY DAMAGE REPAIRS
PROJECT NUMBER: 128905

KEY PLAN: NOT TO SCALE

VILLAGE CREEK STATE PARK
FACILITY DAMAGE REPAIRS
PROJECT NUMBER: 128905
ADD ALTERNATE #1: EXTERNS OF CLSM BACKFILL.
ASSUME 60 CY OF CLSM FOR BIDDING PURPOSES.
FLOOR SETTLEMENT; RESTORE PIER BACK TO ORIGINAL ELEVATION;
REF. 1B/S2.1, SIM.

FLOOR SETTLEMENT;
PIER REQUIRING REPLUMBING;
REF. 1A/S2.1

NEW GENERATOR PLATFORM WITHIN EXISTING STRUCTURE;
REF. 3/S2.1

SCOURED AREA REQUIRING BACKFILL, TYP.

BEAM NOT BEARING ON PIER; REF. 1B/S2.1

REMOVE FLOOD DEBRIS FROM BENEATH CABIN TO PREVENT ROTTING OF WOOD FOUNDATION.
SCOURED AREAS REQUIRING CLSM BACKFILL----,s-------------10"--,4'.

REMOVE FLOOD DEBRIS (LEAVES, TRASH, STICKS, ETC.) FROM BENEATH PAVILION TO PREVENT ROTTING OF WOOD ELEMENTS.

EXISTING ELEVATION END VIEW

EXISTING SCOURED AREA 10'-0" EXISTING WOOD PAVILION ~-. h=~-~~-=-,~~-~- . = =, I = =

EXISTING ELEVATION SIDE VIEW

INSTALL CEMENT STABILIZED FILL

REINSTALL EXISTING WOOD FOOD PREP TABLE

REPAIR PLAN MATERIAL TO FILL SCOURED AREAS

INSTALL CLSM MATERIAL TO FILL

HATCHED AREA SHOWS APPROXIMATE EXTENTS OF SCOURED AREA TO BE REPAIRED WITH CLSM. FINAL QUANTITIES TO BE FIELD VERIFIED BASED ON BATCH TICKETS. ASSUME 50 C.Y. FOR BIDDING PURPOSES.
REFER TO 3/S4.0 FOR EXTENT OF CEMENT STABILIZED FILL TO REPAIR SCOURED AREAS.

REPLACE EXISTING WATER LINE WITH TYPE L COPPER PIPE. INSULATE WITH PRE-FORMED FIBERGLASS PIPE INSULATION AS MANUFACTURED BY OWENS-CORNING SSL-11 OR EQUAL.

INSTALL CEMENT STABILIZED FILL MATERIAL TO FILL SCOURED AREAS. ASSUME 30 C.Y. OF NEW FILL PER SIDE FOR BIDDING PURPOSES.

INSTALL 6" GALVANIZED CHANNEL BRACKETS AT BASE OF EACH POST. INSTALL GALV. CUSHION CLAMP FOR WATER LINE ATTACHMENT TO CHANNEL BRACKETS.

REMOVE EXISTING DAMAGED ELECTRICAL LINE BEYOND CAP EXISTING TO TOPOGRAPHIC PLAN. ATTACH CAP EXISTING ELECTRICAL LINE TO FIRST BRIDGE POST.

EXISTING WOOD PLANKS TO REMAIN.

DISTURBED SOIL TO NOT BE STABILIZED.
RE-USE EXISTING WING WALL MATERIALS THAT ARE NOT
EXTEND WING WALLS BEYOND TO BOTTOM OF FOOTING.
NEW/REPLACED MATERIALS TO MATCH EXISTING, TYP.
INSTALL NEW 314" 0 GALV.
PROVIDE 90° CLEVER & RECOAT EXISTING
REPLACE EXISTING
REPLACE LIKE AND KIND WITH NEW GALV., TYP.
STIRRUPS AT 12" O.C., TYP.
LONG STEEL PIPES DRIVEN INTO SAND, EA. SIDE, TYP.
#4 AT 12" O.C., EA. WAY, TYP.
TAPER CUT TIMBER AND APPLY PRESERVATIVE TREATMENT AT
CUT SURFACE AS REQUIRED, TYP.
#6 STIRRUPS AT 12" O.C., TYP.
CLEAN & RECOAT EXISTING 1½" DIA. x 4'--0" CONCRETE
CLEAN EXISTING 1½" DIA. x 4'-0" GALV. GUSSET PLATES TO
MATCH EXISTING, TYP. AT
GUSSET PLATES AND
REPLACE LIKE AND KIND WITH NEW GALV., TYP.
#<0.,••••,<l'l1,:,..... , ....
FOL!OS
0:::
SHEET NUMBER
SHEET TITLE
DATE: 03.06.2019
DRAWN
DESIGNED
REVIEWED BY: CJL
AT TOP OF STANCHIONS.
AT TOP OF STANCHION.
WITH NEW GALV., TYP.
GUSSET PLATES AND
REPLACE LIKE AND KIND
REPLACE LIKE AND KIND
WITH NEW GALV., TYP.
#6 STIRRUPS AT 12" O.C.
#<0.,••••,<l'l1,:,..... , ....
^CJ
S4.2
EXISTING HANDRAIL TO BE REMOVED

EXISTING WOODEN DECK TO REMAIN

NEW PRESSURE TREATED 2x6

NEW PRESSURE TREATED 4x4, TYP

NEW PRESSURE TREATED 2x4, TYP

EXISTING WOODEN DECK

NEW PRESSURE TREATED 4x4

NEW PRESSURE TREATED 4x4

NEW PRESSURE TREATED 2x4

NEW GALVANIZED NAILS, STAGGERED AT 2" O.C. AT 4x4 MEMBERS, TYP.

(5) NEW PRESSURE TREATED 2x4

1/2" DIA. BOLT

NEW PRESSURE TREATED 4x4

NEW PRESSURE TREATED 4x4

NEW PRESSURE TREATED 4x4

(2) NEW GALV. NAILS PER SIDE OF SPLICE; (4) TOTAL

NEW PRESSURE TREATED 4x4

(1) NEW 1/2" DIA. GALV. THRU-BOLTS WITH NUTS & OVERSIZED ISOLATION WASHERS

3" MIN. EMBEDMENT

PEDESTRIAN HANDRAIL SPLICE DETAIL

3" = 1'-0"

PEDESTRIAN HANDRAIL CONNECTION DETAIL

3" = 1'-0"

NEW PEDESTRIAN HANDRAIL SPLICE DETAIL

NEW PEDESTRIAN HANDRAIL ELEVATION

NEW PEDESTRIAN HANDRAIL SECTION

3" = 1'-0"
REFER TO INTERIOR ELEVATIONS AND CASE OF ADDITIONAL REPLACEMENT.

ASSUME REPLACEMENT OF 800SF OF INSTALL R-15 MINERAL INSULATION.

WOOD BOARD AND BATTEN SIDING INSTALL NEW CONTINUOUS TYVEK REMOVE AND SALVAGE EXTERIOR AND EXTERIOR TRIM FOR REUSE.

REMOVE AND DISCARD EXISTING FORM TO PROVIDE UNIT COST IN COMMERCIAL WRAP WEATHER BATTEN SIDING AND TRIM.

INSTALL R-15 MINERAL INSULATION.

UNPAINTED AND TEXTURED MATERIAL AND FINISH.

REINSTALL SALVAGED STAIR AND RAILINGS OPEN TO BELOW LOFT.

NEW WALL MOUNTED REFRIGERATOR, NEW RANGE, REF. L':::_ 1. FIELD VERIFY ALL DIMENSIONS.

NEW CABINETS, SINK, AND COUNTERTOPS (ST-2) NEW WALK THROUGH ROOF SF.

NEW WOOD FRAMED PARTITION ADD ALTERNATE #3: NEW GENERATOR PLATFORM STRUCTURE; REF. 3/S2.1----.._

REFERENCE DETAIL 3/A2.3 FOR STANDARD ELECTRICAL MOUNTING HEIGHTS, TYP.

REFERENCE INTERIOR ELEVATIONS.

NEW WALL MOUNTED ELECTRICAL PANEL; REFERENCE INTERIOR ELEVATIONS.

NEW RANGE, REF. L':::_ ELECTRICAL PANEL; REFERENCE INTERIOR ELEVATIONS.

NEW PAINTED AND TEXTURED MATERIAL AND FINISH.

INSTALL NEW TOILET, SINK, TOILET PAPER HOLDER, AND MIRROR. REFER TO INTERIOR ELEVATIONS.

REINSTALL SALVAGED STAIR AND RAILINGS.

ADD ALTERNATE #1:

1.bie or similar treated wood OSB for steps.

TEARDROP TRASH CAN LID.

NEW AIR WINDOW AC.

REFURBISH AND EXISTING DOOR TO REMAIN.

NOT IN SCOPE

RELOCATION EXISTING FUEL.Into EXISTING FUEL TANK.

NEW/REFURBISHED DOOR,

NEW WOOD FRAMED PARTITION

REINSTALL SALVAGED STAIR AND RAILINGS

OPEN TO BELOW LOFT LEVEL.

NEW ALTERNATE #2: TREATED WOOD PLATFORM SIZE WITH EQUIPMENT, RE

NEW WALL MOUNTED REFRIGERATOR, REFERENCE INTERIOR ELEVATIONS.

INSTALL NEW TOILET, SINK, TOILET PAPER HOLDER, AND MIRROR. REFURBISH AND EXISTING RAFTERS.

REFERENCE DETAIL 3/A2.3 FOR STANDARD ELECTRICAL MOUNTING HEIGHTS, TYP.

REFERENCE INTERIOR ELEVATIONS.

NEW WALL MOUNTED ELECTRICAL PANEL; REFERENCE INTERIOR ELEVATIONS.

NEW RANGE, REF. L':::_ ELECTRICAL PANEL; REFERENCE INTERIOR ELEVATIONS.

NEW PAINTED AND TEXTURED MATERIAL AND FINISH.

INSTALL NEW TOILET, SINK, TOILET PAPER HOLDER, AND MIRROR. REFURBISH AND EXISTING RAFTERS.

REFERENCE DETAIL 3/A2.3 FOR STANDARD ELECTRICAL MOUNTING HEIGHTS, TYP.

REFERENCE INTERIOR ELEVATIONS.

NEW WALL MOUNTED ELECTRICAL PANEL; REFERENCE INTERIOR ELEVATIONS.

NEW RANGE, REF. L':::_ ELECTRICAL PANEL; REFERENCE INTERIOR ELEVATIONS.

NEW PAINTED AND TEXTURED MATERIAL AND FINISH.

INSTALL NEW TOILET, SINK, TOILET PAPER HOLDER, AND MIRROR. REFURBISH AND EXISTING RAFTERS.

REFERENCE DETAIL 3/A2.3 FOR STANDARD ELECTRICAL MOUNTING HEIGHTS, TYP.

REFERENCE INTERIOR ELEVATIONS.

NEW WALL MOUNTED ELECTRICAL PANEL; REFERENCE INTERIOR ELEVATIONS.

NEW RANGE, REF. L':::_ ELECTRICAL PANEL; REFERENCE INTERIOR ELEVATIONS.

NEW PAINTED AND TEXTURED MATERIAL AND FINISH.

INSTALL NEW TOILET, SINK, TOILET PAPER HOLDER, AND MIRROR. REFURBISH AND EXISTING RAFTERS.

REFERENCE DETAIL 3/A2.3 FOR STANDARD ELECTRICAL MOUNTING HEIGHTS, TYP.

REFERENCE INTERIOR ELEVATIONS.
1. REFURBISH, REFINISH, AND REINSTALL EXISTING DOORS.

- Coordinate width of door with new electrical work.
- New door to match existing shape and style, re. sheet A2.2 and field verify.
- WD-1 Wood match existing paneling.
- CT-2 Ceramic American Olean Fusion Cotto
- 100A Existing - TBD - - Existing - Match existing
- Electric heater: Dimplex XHD26G field verify width of model with existing.
- PT-2 Paint Sherwin Williams flat / TBD
- PT-3 Paint Sherwin Williams semi-gloss enamel doors water based / Match existing
- SS-1 Solid Dupont Corian Allspice re. elevations kitchen surface

2. PROVIDE FINISH SAMPLES TO OWNER FOR APPROVAL.

3. REFER TO INTERIOR ELEVATIONS FOR FINISH TAGS AND ROOM FINISH SCHEDULE.

4. NEW WOOD FLOORING, WD-1; re. 2/A2.1

- Weather barrier continuous Tyvek at north gable wall, in.
- 1/4" Wood Cap; Existing match adjacent wall finish.
- 2x6 wood rail; stain to match adjacent wall finish.

**Floor Tile: 13" x 13"**

**Finish Material Schedule**

<table>
<thead>
<tr>
<th>Key</th>
<th>Material</th>
<th>Manufacturer</th>
<th>Finish / Color</th>
<th>Rst.</th>
<th>Location</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT-1</td>
<td>Paint</td>
<td>Sherwin Williams</td>
<td>Flat 1/2</td>
<td>-</td>
<td>Ceilings</td>
<td>Wall paper 12&quot; square</td>
</tr>
<tr>
<td>PT-2</td>
<td>Paint</td>
<td>Sherwin Williams</td>
<td>Flat 1/2</td>
<td>-</td>
<td>Ceilings</td>
<td>Water based</td>
</tr>
<tr>
<td>PT-3</td>
<td>Paint</td>
<td>Sherwin Williams</td>
<td>Flat</td>
<td>-</td>
<td>Ceilings</td>
<td>Paint as specified</td>
</tr>
<tr>
<td>WD-1</td>
<td>Wood</td>
<td>Sherwin Williams</td>
<td>BM Craft Oak</td>
<td>1/8&quot; 6&quot; Tongue in Groove</td>
<td>Living area &amp; bedroom floor</td>
<td>Floor to be finished</td>
</tr>
<tr>
<td>WD-2</td>
<td>Wood</td>
<td>Sherwin Williams</td>
<td>-</td>
<td>-</td>
<td>Bedroom wall</td>
<td>Wall panels in the landing area at the north gable wall</td>
</tr>
</tbody>
</table>

5. REMOVE EXISTING PANELING AT MATCHING WIDTH, WOOD SPECIES, AND GRADE OF THE EXISTING TILE RAIL TO MATCH MATCHING WIDTH, WOOD SPECIES, AND GRADE OF THE EXISTING TILE RAILS.

6. 1" LEVELED ONE FINISH FLOOR PLAN

**Accessories Schedule**

- **Toilet**
  - Paper Holder: M-D 6625 | Chrome
  - Allspice sink:
    - C-100: American Standard | Independence | 24" Satin nickel
    - C-100: American Standard | Independence | 1" x 3" standard edge

7. **NEW WOOD FLOORING, WD-1; RE. 2/A2.1**
1. BASE CABINET WITH DRAWER SECTION

- BASE CABINET WITH DRAWER SECTION
- BASE CABINET WITH SINK SECTION

- LIGHT SWITCH
- ELECTRICAL RECEPTACLE
- THERMOSTAT

- V-GROOVE AT SOLID HARDWOOD DOORS, REF. ELEVATIONS
- 3/4" THICK SHELVES, CASE, DRAWER FRONTS, AND DOORS
- 1" WOOD BASE AS SCHEDULED; FINISH TO MATCH WOOD PANELING AT ADJACENT WALLS

- STANDARD ELECTRICAL MOUNTING HEIGHTS, TYP.
NEW ASPHALT SHINGLE ROOF W/ RIGID INSULATION; REF. R2.1 FOR DETAILS

ADD. ALTERNATE #2: NEW STANDING SEAM METAL ROOF W/ RIGID INSULATION; REF. R2.2 FOR DETAILS

EXISTING METAL ROOF TO REMAIN

LEGEND:
- ROOF EDGE
- PLAN VIEW THROUGH THE ROOF, NO TITLE
- CHIMNEY
- DIRECTION OF SLOPE (RAISED IN BOX)
- INSULATION THICKNESS (EXCLUDING COVER BOARD)
- DETAIL INDICATOR
- FIELD VERIFY

UPFLIT DATA

BUILDING AND ROOF AREA INPUT DATA
APPROXIMATE ROOF AREA: 934 SQ. FT.
MEAN ROOF HEIGHT: 14'
ROOF SLOPE: 5:12 OR LESS
PARAPETS: NO
BUILDING CONFIGURATION: ENCLOSED
EXPOSURE: B
OCCUPANCY CATEGORY: 2
DECK TYPE: WOOD
ROOF COVERING: ASPHALT SHINGLES (ALT. 2 SSMR)

UPFLIT PRESSURE: 34.0 PSF

UPFLIT PRESSURE ZONES

ZONE | TYPE | WIND SPEED | PRESSURE | EQUIVA
-----|------|------------|----------|-------
1    | 1    | NA         | 120 MPH  | NA    |
2    | 2    | NA         | 110 MPH  | NA    |
3    | 3    | NA         | 100 MPH  | NA    |

NOTE: ROOF SYSTEM SHALL BE A TESTED ASSEMBLY THAT MEETS OR EXCEEDS THE REQUIRED WIND UPFLIT PRESSURES AS INDICATED IN THE TABLE ABOVE. A FACTOR OF SAFETY OF 2.0 SHALL BE APPLIED TO THE TESTED ASSEMBLY LOADS, PER ANSI/SPRI WD-1 AND FM GLOBAL.
Fasteners should be long enough to penetrate through all layers of roofing materials and into deck underlayment wrapped over asphalt shingles.

Sealant under roll into pipe approx. 1" lead flashing sleeve; flashing flange 4" lap strip in pty over top of mini. and extend flashing at vtr / vent pipe penetrations.

0-vented ridge

Rigid insulation and roof deck below.

Asphalt shingles exist existing roof panels to remain, typ.

Existing roof truss below; sloped; per ft.

Fasten to exist existing roof low-rise foam adhesive low-rise foam adhesive (first layer), mechanically (third layer); fully adhere (second layer), fully adhere 2.5" polyisocyanurate insulation to first layer w/ two-part, to second layer w/ two-part, ¾" nail base insulation board.

Self-adhered membrane to run cont. and lap new air barrier 4" min. match color of soffit panel.

2x nailers attached with #8 2½" wood screws spaced at 16" o.c. 2" x 2" pre-finished closure contin. cleat fastened to 2x nailer #8 2½" long.

Sealing strips asphalt strip sealing

Rigid insulation not shown for clarity

Asphalt shingles

Existing soffit panel to remain, typ.

Existing roof truss below; sloped; per ft.

Fasten to existing roof low-rise foam adhesive low-rise foam adhesive (first layer), mechanically (third layer); fully adhere (second layer), fully adhere 2.5" polyisocyanurate insulation to first layer w/ two-part, to second layer w/ two-part, ¾" nail base insulation board.

Self-adhered membrane to run cont. and lap new air barrier 4" min. match color of soffit panel.

2x nailers attached with #8 2½" wood screws spaced at 16" o.c. 2" x 2" pre-finished closure contin. cleat fastened to 2x nailer #8 2½" long.

Sealing strips asphalt strip sealing

Rigid insulation not shown for clarity

Asphalt shingles

Existing soffit panel to remain, typ.

Existing roof truss below; sloped; per ft.

Fasten to existing roof low-rise foam adhesive low-rise foam adhesive (first layer), mechanically (third layer); fully adhere (second layer), fully adhere 2.5" polyisocyanurate insulation to first layer w/ two-part, to second layer w/ two-part, ¾" nail base insulation board.

Self-adhered membrane to run cont. and lap new air barrier 4" min. match color of soffit panel.

2x nailers attached with #8 2½" wood screws spaced at 16" o.c. 2" x 2" pre-finished closure contin. cleat fastened to 2x nailer #8 2½" long.
NOTES

1. MINOR DYES ATTACHED WITH MIN 12" LONG STAINLESS STEEL TREES AT 16" O.C. EXCEPT AT RIDGE TO PROVIDE 1/2" MIN. CLEARANCE AT PANEL TO SUPPORT CLOSURE - SEAL FLUSH LAP IN MEMBRANE AT PANEL RIBS. BOOT FLASHING MUST BE APPROX. 3" CENTER OF THE METAL ROOF PANEL AND ALLOW FOR PROPER FIX PANEL AT PENETRATION.

2. NEW WOOD BLOCKING BETWEEN SEAMS.

3. SELF-ADHERED MEMBRANE TO RUN CONTINuously AND LAP NEW AIR BARRIER 4" MIN. AT RIDGE TO PROVIDE CLOSURE - SEAL.

4. NEW 20GA. PRE-FINISHED SHEET METAL RIDGE CAP - ADD. ALTERNATE #2

5. NEW METAL ROOF PANEL - ADD. ALTERNATE #2

6. NEW TO EXISTING ROOF TRANSITION - ADD. ALTERNATE #2

7. FLASHING PORT AT VTR 2½" LONG W/ TWO-PART, ¾" NAIL BASE INSULATION BOARD TO SECOND LAYER W/ TWO-PART, LOW-RISE FOAM ADHESIVE UNDERLAYMENT.

8. NEW WOOD BLOCKING BETWEEN SEAMS.

9. NEW SELF-ADHERED MEMBRANE FLASHING RECEIVER, SAME GAUGE AS PANEL AND LAP NEW AIR BARRIER AS SPECIFIED.

10. NEW 24 GA. PRE-FINISHED SHEET METAL RIDGE CAP - ADD. ALTERNATE #2

11. CONTRACTOR TO CONTROL STRUCTURAL METAL ROOF PANEL - ADD. ALTERNATE #2

12. NEW WOOD BLOCKING BETWEEN SEAMS.

13. NEW 24 GA. PRE-FINISHED SHEET METAL RIDGE CAP - ADD. ALTERNATE #2

14. NEW WOOD BLOCKING BETWEEN SEAMS.

15. NEW WOOD BLOCKING BETWEEN SEAMS.

16. NEW WOOD BLOCKING BETWEEN SEAMS.
5. TIGHTEN ELECTRICAL CONNECTORS AND TERMINALS, INCLUDING

3. WIRING SHALL BE COLOR CODED AS REQUIRED BY LOCAL CODE.

3. REFER TO THE CONDITIONS OF THE CONTRACT [GENERAL AND INDICATE THE CIRCUITS CONTAINED WITHIN THE ENCLOSURE.

EQUIPMENT INSTALLED UNDER THIS CONTRACT. THE MANUALS SHALL THAT IS HAS ALL OF THE SAME ACCESSORIES AND IS EQUAL OR

THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE TO:

- IDENTIFY ALL LOADS SERVED.
- PROTECTIVE DEVICES IN SHORTEST AND STRAIGHTEST PATHS AS GROUNDED BY MEANS OF A BONDING JUMPER OR CONDUCTOR
- UNDERGROUND WATER PIPE (IF AVAILABLE) SHALL BE BONDED TO GROUNDED ELECTRICAL SYSTEM, MEASURE THE RESISTANCE TO EARTH USING THE "FALL OF MAXIMUM RESISTANCE REQUIREMENT.
- ALL CURRENT PROTECTIVE DEVICES IN SHORTEST AND STRAIGHTEST PATHS AS GROUNDED BY MEANS OF A BONDING JUMPER OR CONDUCTOR
- GROUNDED ELECTRICAL SYSTEM, MEASURE THE RESISTANCE TO EARTH USING THE "FALL OF MAXIMUM RESISTANCE REQUIREMENT.
- PROVISIONS AS TO THE COST THEREOF. FAILURE TO COMPLY WITH
- Capacity, Size and Manner of Routing of All Utilities Known IN
- To Identify the Contrary to the NEC, Local Codes, and Any Other
- Refer to the Conditions of the Contract
- In accordance with 250.66 but in no case less than 
- 3.15 GUARANTEE
- ELECTRICAL SPECIFICATIONS
- REMOVAL OF ALL EXISTING CONDUIT AND WIRING THAT IS SUPPORTED FROM THE CEILING OR FLOOR. REMOVE ALL CONDUIT AND WIRING SUPPORTED FROM PARTICIPATING WALLS.
- PROBE ALL CONDUITS AND PERPENDICULARLY TO THEM. Fasten Vents, Enclosures, and Raceways Permanently in Place With Wood and Machine Screws in Metal Boxes That Attach to Structural Supports. All Pendant Fixtures Shall Be Plumb And Sound Rated A. The Driver Shall Be Capable of Full Start. Equipment and Temporary Wiring, Etc. From Above Ceilings.
- INSPECT ALL ELECTRICAL FIXTURES TO MAKE SURE THEY ARE OPERATING, LENSES AND REFLECTORS ARE FREE OF DUST, GREASE AND FINGERPRINTS. TEST ALL CONDUCTORS FOR SHORT CIRCUITS, OPEN CIRCUITS. THESE TESTS
- TEST ALL CONDUCTORS FOR SHORT CIRCUITS, OPEN CIRCUITS. THESE TESTS
- WITH NEMA CONFIGURATION 5-20R UNLESS OTHERWISE INDICATED.
- NOT 5.22/5.23 INTERFERENCE BETWEEN THE VARIOUS PHASES OF WORK.

1. ACCEPTABLE MANUFACTURERS SHALL BE AS FOLLOWS:

- ELECTRICAL SPECIFICATIONS
- REMOVAL OF ALL EXISTING CONDUIT AND WIRING THAT IS SUPPORTED FROM THE CEILING OR FLOOR. REMOVE ALL CONDUIT AND WIRING SUPPORTED FROM PARTICIPATING WALLS.
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- NOT 5.22/5.23 INTERFERENCE BETWEEN THE VARIOUS PHASES OF WORK.
**STAIR**

TREATED WOOD PLATFORM FOR MECHANICAL EQUIPMENT. COORDINATE SIZE WITH EQUIPMENT. CENTER ON FIREPLACE.

- Electric heater, CFCI. Verify model with owner.
- New air handling unit and return air grill.
- Mechanical - - -
- Bathroom

**KEYED NOTES**

- Remove existing ceiling fan to remain, remove existing conductor serving the ceiling fan.
- Remove existing smoke detector and circuit.
- Remove existing exterior lighting fixture to remain, remove existing conductors.
- Existing water heater and associated circuitry to be removed.
- All switches, lighting fixtures, and branch circuitry on the second floor to remain.
- Remove all receptacles, boxes, and the branch circuitry serving the area. All circuitry fed under the floor shall be removed.
- Remove existing panelboard.
- Remove existing feeder conductors. Remove exposed portions of existing conduit. Existing portion of underground conduit shall be abandoned in place.
- Remove existing branch circuit conductors and conduit serving area lighting at the boat ramp.
- Existing lighting fixture to remain, remove existing conductors.
- Existing light fixture and light switch used to furnish remote control, remove.
- Remove existing automatic transfer switch and the associated feeder.
- Remove the existing conductor and associated feeder and branch circuits.
- Existing photocontrol controlling existing area lighting shall remain.
- Remove existing utility pole and utility meter to remain, remove existing service disconnect.
- Remove existing automatic transfer switch and the associated feeder.
- Remove the existing conductor and associated feeder and branch circuits.
- Existing photocontrol controlling existing area lighting shall remain.

**VILLAGE CREEK STATE PARK**

FACILITY DAMAGE REPAIRS

PROJECT NUMBER: 136885

DATE: 03/06/2019

DESIGNED BY: HMG

DRAWN BY: HMG

REVIEWED BY: EC
1.100 SQ. FT.

LOAD SERVED

PROVIDE A 150 AMP, 240/120 VOLT, 1¢, 3W SERVICE

30.0KVA = 125 AMPS

TOTAL

OVEN
SMALL APPLIANCE AND LAUNDRY
WATER HEATERS
HVAC
MICROWAVE/HOOD

ELECTRICAL DESIGN LOAD SUMMARY

FOR MECHANICAL EQUIPMENT.

UP TREATED WOOD PLATFORM
COORDINATE SIZE WITH
ELECTRIC HEATER, 240 VOLT, 1¢.

CONNECTED (KVA)

LOAD
DEMAND
37.0
9.0
21.0

DEMAND
LOAD
30.0
9.0
21.0

EF
0
3

GFCI/WP

0 EXISTING MIRROR AND WEATHERHEAD TO REMAIN.

0 INSTALLED 3 #1/0 AWG AND 1 #6 GROUND IN 1 1/2" CONDUIT.

PROVIDE 3 POLE, 240 VOLT, 50 AMP RECEPTACLE. VERIFY EXACT RATING OF RANGE PRIOR TO PROCUREMENT.

RECONNECT DEVICES AND LIGHTING FIXTURES IN THIS ROOM TO THE NEW PANELBOARD. CONNECT TO BRANCH CIRCUIT 3/4" CONDUIT. 2 #12 AND 1 #12 GROUND.

3/4" CONDUIT. 2 #8 AND 1 #10 GROUND. PROVIDE A 2 POLE, 60 AMP NEMA 3R SAFETY SWITCH.

1 1/2" CONDUIT. 4 #2 AND 1 #6 GROUND. PROVIDE A 2 POLE, 60 AMP TRANSFER SWITCH IN A 12" X 12" X 6" DEEP PANELBOARD BENEATH THE METER.

PROVIDE A COMBINATION AFCI/GFCI CIRCUIT BREAKER.

PROVIDE A 2 POLE, 30 AMP RECEPTACLE. VERIFY EXACT REQUIREMENTS PRIOR TO PROCUREMENT.

3/4" CONDUIT. 2 #10 AND 1 #10 GROUND. PROVISION OF RANGE 3 POLE, 240 VOLT, 50 AMP.

3/4" CONDUIT. 2 #8 AND 1 #10 GROUND. PROVIDE A 2 POLE, 60 AMP TRANSFER SWITCH IN A 12" X 12" X 6" DEEP PANELBOARD BENEATH THE METER.

GENERAL NOTES

1. REFERENCE THE G SERIES SHEETS FOR MOUNTING HEIGHT
2. ROUTE CONDUIT AND WIRING AT A SUFFICIENT DISTANCE.
3. THE GENERATOR, TRANSFER SWITCH, AND NEW PLATFORM ARE A PART OF ALTERNATE #3. THE CONDUIT AND WIRING ASSOCIATED WITH THE GENERATOR AND TRANSFER SWITCH ARE NOT PART OF THE BASE BID. UNDER THE BASE BID, TERMINATE THE FEEDER FOR THE GENERATOR IN A 12" X 12" X 6" DEEP PANELBOARD BENEATH THE METER.

ELECTRICAL AND POWER PLAN

FIRST FLOOR

SECOND FLOOR

RISER DIAGRAM

SECOND FLOOR ELECTRICAL PLAN

KEYED NOTES

1. PROVIDE 3 POLE, 240 VOLT, 50 AMP RECEPTACLE, HEAVY-DUTY RECEPTACLE, DEDICATED FOR GENERATOR ELECTRICAL LOAD.
2. PROVIDE 2 POLE, 240 VOLT, 15 AMP RECEPTACLE, DEDICATED FOR GENERATOR ELECTRICAL LOAD.
3. PROVIDE 2 POLE, 240 VOLT, 15 AMP RECEPTACLE, DEDICATED FOR GENERATOR ELECTRICAL LOAD.

GENERAL NOTES

1. PROVIDE A 2 POLE, 150 AMP, 25 KAIC AUTOMATIC TRANSFER SWITCH IN A 12" X 12" X 6" DEEP PANELBOARD BENEATH THE METER.
2. PROVIDE A 2 POLE, 60 AMP TRANSFER SWITCH IN A 12" X 12" X 6" DEEP PANELBOARD BENEATH THE METER.

ELECTRICAL AND POWER PLAN

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SECOND FLOOR

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GENERAL NOTES

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General Notes:
1. Theses general notes apply to all sheets.
2. In any case where a pipe or duct shown on a plan sheet differs from that shown in a schematic or detail, the larger of the two should be used.
3. When a duct is shown above the ceiling and the location of the duct gutter shown.
4. A duct run shall be used where the height above the ceiling is shown.
5. When the ceiling is shown, use the larger of the two sizes shown.
6. All duct dimensions shown are clear airstream dimensions.
7. Ducts shall be connected with permanent necks, sections 6.4 and 10-12-100 local amendments to the energy code.
8. Contractor shall comply with Ordinance No. 201-040-051 and 25-12-263.
9. Contracted shall comply with Ordinance No. 201-040-051 and 25-12-263.
10. In any case where a pipe or duct shown on a plan sheet differs from that shown in a schematic or detail, use the larger of the two sizes shown.
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22. Ducts shall be connected with permanent necks, sections 6.4 and 10-12-100 local amendments to the energy code.
23. Contracted shall comply with Ordinance No. 201-040-051 and 25-12-263.
24. In any case where a pipe or duct shown on a plan sheet differs from that shown in a schematic or detail, use the larger of the two sizes shown.
25. When a duct is shown above the ceiling and the location of the duct gutter shown.
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28. All duct dimensions shown are clear airstream dimensions.
29. Ducts shall be connected with permanent necks, sections 6.4 and 10-12-100 local amendments to the energy code.
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### FAN SCHEDULE

<table>
<thead>
<tr>
<th>MARK</th>
<th>SERVICE</th>
<th>TYPE</th>
<th>CFM</th>
<th>SP</th>
<th>RPM</th>
<th>WATER/LUB.</th>
<th>INTERLOCK TYPE</th>
<th>DRIVE TYPE</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-1</td>
<td>WALL</td>
<td>MISC</td>
<td>50</td>
<td>60</td>
<td>800</td>
<td>1100</td>
<td>WALL SWITCH</td>
<td>DIRECT</td>
<td></td>
</tr>
</tbody>
</table>

Note: Provide with wall mounting kit for a wall mounted fan. Paint finish to be determined by the architect.

### DIFFUSER & GRILLE SCHEDULE

<table>
<thead>
<tr>
<th>MARK</th>
<th>CMH</th>
<th>NAME</th>
<th>PATTERN</th>
<th>SIZE</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0-300</td>
<td>LOADED</td>
<td>12&quot; x 4&quot;</td>
<td>4.067</td>
<td>965 PS 50 W/P 50 W</td>
</tr>
<tr>
<td>B</td>
<td>0-75</td>
<td>LOADED</td>
<td>12&quot; x 4&quot;</td>
<td>4.067</td>
<td>965 PS 50 W/P 50 W</td>
</tr>
<tr>
<td>C</td>
<td>0-1000</td>
<td>LOADED</td>
<td>12&quot; x 4&quot;</td>
<td>4.067</td>
<td>965 PS 50 W/P 50 W</td>
</tr>
</tbody>
</table>

### SPLIT SYSTEM SCHEDULE

#### CONDENSING UNIT

<table>
<thead>
<tr>
<th>MARK</th>
<th>TOTAL CAPACITY BTUH</th>
<th>VOLTS</th>
<th>MCA</th>
<th>MCB</th>
<th>MIN. SEER</th>
<th>REMARKS</th>
<th>CONDENSER NO.</th>
<th>AMBIENT TEMP °F</th>
<th>BLOWER</th>
<th>ELECTRICAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-1</td>
<td>3650</td>
<td>240</td>
<td>16</td>
<td>16.4</td>
<td>1</td>
<td>A/C 72</td>
<td></td>
<td></td>
<td></td>
<td>HEATER</td>
</tr>
</tbody>
</table>

Note:
1. Provide each unit with a single-point electrical connection.
2. Provide unit with fan and condenser coil, wall or ceiling type.
3. Provide unit with a wall-mounted fan coil unit.
4. Provide additional refrigerant as needed to provide scheduled capacities.
5. Install all wiring, condensate lines, thermostats, etc. as high as possible.

#### FAN COIL UNIT

<table>
<thead>
<tr>
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<th>TOTAL CAPACITY BTUH</th>
<th>VOLTS</th>
<th>MCA</th>
<th>MCB</th>
<th>MIN. SEER</th>
<th>REMARKS</th>
<th>COOLING COIL</th>
<th>REFRIGERANT</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-2</td>
<td>12,000</td>
<td>240</td>
<td>16</td>
<td>15.4</td>
<td>1</td>
<td>A/C 72</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MINI SPLIT SYSTEM SCHEDULE

#### CONDENSING UNIT

<table>
<thead>
<tr>
<th>MARK</th>
<th>TOTAL CAPACITY BTUH</th>
<th>VOLTS</th>
<th>MCA</th>
<th>MCB</th>
<th>MIN. SEER</th>
<th>REMARKS</th>
<th>COOLING COIL</th>
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</tr>
</thead>
<tbody>
<tr>
<td>D-1</td>
<td>12,000</td>
<td>240</td>
<td>16</td>
<td>15.4</td>
<td>1</td>
<td>A/C 72</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### INDOOR UNIT

<table>
<thead>
<tr>
<th>MARK</th>
<th>TOTAL CAPACITY BTUH</th>
<th>VOLTS</th>
<th>MCA</th>
<th>MCB</th>
<th>MIN. SEER</th>
<th>REMARKS</th>
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<tr>
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<td>12,000</td>
<td>240</td>
<td>16</td>
<td>15.4</td>
<td>1</td>
<td>A/C 72</td>
<td></td>
<td></td>
</tr>
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Note:
1. Provide each unit with a single-point electrical connection. Provide unit with a fan and condenser coil, wall or ceiling type.
2. Provide unit with a wall-mounted fan coil unit.
3. Provide unit with a wall-mounted fan coil unit.
4. Provide additional refrigerant as needed to provide scheduled capacities.
5. Install all wiring, condensate lines, thermostats, etc. as high as possible.
FIRST FLOOR DEMOLITION PLAN

SECOND FLOOR DEMOLITION PLAN

KEYED NOTES:

1. Contractor to demolish existing vertical furnace and all associated ductwork, grilles, and insulation.
2. Contractor to demolish existing conditions - all non-structural components, including existing water heat.
3. Contractor to demolish existing furnace and all associated ductwork, grilles, and insulation.
4. Contractor to demolish existing electrical, gas, and fuel.
5. Contractor to demolish existing kitchen range and all associated ductwork, grilles, and insulation.
6. Contractor to demolish existing wood cabinets and all associated ductwork, grilles, and insulation.
7. Contractor to demolish existing exhaust fan and all associated ductwork, grilles, and insulation.
8. Contractor to demolish existing electrical, gas, and fuel.

NOTE: This work is subject to change, and the drawings are subject to change. The contractor is responsible for providing all required permits and obtaining any necessary approvals.

DATE: 03/06/2019
DESIGNED BY: HMG
DRAWN BY: HMG
REVIEWED BY: BH
REVISED: M2.1

SHEET TITLE: MECHANICAL DEMOLITION PLAN
SHEET NUMBER: 02

PROJECT NUMBER: 123090

VILLAGE CREEK STATE PARK
FACILITY DAMAGE REPAIRS

TEXAS PARKS & WILDLIFE

M2.1
24 OF 30
NOTE:
INSTALL ALL WIRING, THERMOSTATS, SWITCHING, EQUIPMENT AS HIGH AS POSSIBLE TO AVOID FUTURE FLOOD DAMAGE.
MECHANICAL SPECIFICATIONS

CORRECTED BY THE CONTRACTOR PRIOR TO COMPLETION OF CONSTRUCTION, AT NO OWNER PRIOR TO BEGINNING CONSTRUCTION REGARDING

C. TEST COOLING AND HEATING CYCLE OF EACH EXISTING FAN COIL UNIT, HEAT INCWDING THE BASE BUILDING AIR HANDLING UNIT.

NUMBER OF THE CONTRACTOR. ALL ENGINEERS' SEALS

PUMP, OR OTHER SELF-CONTAINED EQUIPMENT. VERIFY THAT ALL COMPONENTS TEST RESULTS TO THE BUILDING ENGINEER FROM CONTIRACTOR OR EQUIPMENT

THERMOSTATs. AND OTHER COi'ITROLS LOCATE OPERATING AND CONTROL EQUIPMENT PROPERLY TO PROVIDE EASY

OF THE BUILDING ENGINEER.

PLUMBING SYSTEMS />S INDICATED AND SPECIFIED, IN PLACE AND READY FOR FOUND PRIOR TO SUBMITTING A BID. THE DRAWINGS ARE SCHEMATIC IN SPECW. CONSTRUCTION MAY BE REQUIRED FOR WORK INDK'.ATED OR SPECIFIED

AMOUNT OF WORK TO BE PERFORMED. TENDER OF A PROPOSAL CONVEYS REPORT THE REQUIREMENTS AND SECURE APPROVAL BEFORE

FULLY OPERATIONAL VERIFY THAT COOLING COILS

ANY DISCREPANCIES

BE REMOVED

LETTERING SHALL

ALL JOBS TO INCLUDE UPDATED FLOOR PlAN GRAPHICS FOR THE

TRAFFIC/INDUSTRIAL FABRICATION PROCESSES OR CONSTRUCTION TECHNIQUES AND FOR COORDINATION

CONTRACTOR SHALL CONTACT THE BUILDING OWNER FOR PARTS OR

RECOMMENDATIONS AND PROCEDURES. THE HVAC TEST-ADJUST-BAlANCE

BUILDING ENGINEER.

3. REMOVE ALL EXISTING UNUSED MECHANK'.AL EQUIPMENT, CONTROLS, PIPING,

2. EXISTING AIR DEVICES MAY BE REUSED WHERE DEVICES ARE IN 'LIKE

OF WORK.

MINIMUM 3/4" WIDE BAND STRAP

WALL OR CEIUNG LOCATIONS />S REQUIRED OR SHOWN FOR ACCESS TO VALVES,

SOLENOID VALVES, BALL VALVES.

STOP VALVES 2-INCHES AND SMALLER SHAl.1 BE FULL PORT ClASS 150

CONDUIT, CONDUIT, OUTLET BOXES WIRING, ETC. FROM

This section provides for installing and furnishing low temperature piping

The insulation of fiberglass or armafilex as noted below. The insulation

is 25/50

FACILITIES />S REQUIRED TO MANTAIN THEIR PROPER OPERATION WHEN NORMAL

OF WORK.

Removing all such temporary protection upon completion

OF THE LIGHT SWITCH.

OF ALL CONTROLS TO MATCH BUILDING STANDARD. DOC TO CONTROL VAV BOXES.

INSULATION OF FIBERGlASS OR ARMAFILEX AP />S NOTED BELOW. THE INSULATION

DUCTS SPACED 18-INCHES ON CENTER EACH WAY MAXIMUM. SEAL ALL

DUCTS OVER 18-INCHES WIDE APPLY WELDCLIPS OR STICKCLIPS TO BOTTOM OF

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DUCTS OVER 18-INCHES WIDE APPLY WELDCLIPS OR STICKCLIPS TO BOTTOM OF

BASEMENT SEALANT #601.

MASTIC DUCT SEALER RATED FOR SYSTEM OPERATING PRESSURES AND

FLEXIBLE DUCT MAY BE UTILIZED FOR THE lAST 72 INCHES OF THE RUNOUT.

DUCT SPACED 18-INCHES ON CENTER EACH WAY MAXIMUM. SEAL ALL

SEAMLESS INNER LINER SHAl.1 BE CPE ALM MECHANICALLY LOCKED TO HELIX

CONTRACTOR SHAl.1 PROVIDE TEMPORARY OR NEW SERVICES TO ALL EXISTING

OUTAGES OF SERVICES />S REQUIRED BY THE PROJECT WILL BE PERMITTED BUT

REMOVING ALL SUCH TEMPORARY PROTECTION UPON COMPLETION

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DUCT SPACED 18-INCHES ON CENTER EACH WAY MAXIMUM. SEAL ALL
EXISTING PLUMBING LINE TO REMAIN IN SERVICE

STAIR

SCALE: 1/4"

UNDERFLOOR DEMOLITION PLAN

STAIR EXHAUST

EXISTING WALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE REMOVE EXISTING SINK, COMPLETE REMOVE ENTIRE FIXTURE INCLUDING EXISTING FAUCET, P-TRAP, SUPPLY STOPS, TRAP ARM LINE IN WALL, UNDERFLOOR PIPING, INDIVIDUAL VENT, AND WATER SUPPLY NEW WORK. REFERENCE ARCHITECTURAL DRAWINGS FOR TILE AESTHETIC INTEGRITY OF EXISTING.

COORDINATE SIZE WITH ELECTRICAL PANEL; VERIFY MODEL FIREPLACE. VERIFY EXACT LOCATION OF CORE DRILLING. DO NOT DRILL THROUGH NFPA CORE DRILL THROUGH EXISTING CONSTRUCTION AS REQUIRED TO ACCOMMODATE NEW WORK. SUCH INFORMATION IS NOT GUARANTEED AS TO ACCURACY OF LOCATION OR START OF CONSTRUCTION. DRAWINGS INDICATE CERTAIN INFORMATION PERTAINING TO EXISTING

GENERAL NOTES

1. VISIT THE SITE AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID. VERIFY PIPE SIZES
2. INSULATE ALL WATER SUPPLY (HOT AND COLD) PIPING WITH 1-INCH THICK FIBERGLASS PIPE INSULATION JACKET OR FACING AND ADHESIVE. COMPONENTS SUCH AS ADHESIVES MASTIC AND CEMENTS SHALL MEET THE SAME INDIVIDUAL RATINGS AS THE MINIMUM REQUIREMENTS.
3. SUPPORT INSULATION WITH WASHERS AND SUPPORTS. 4-Inch PARAFLEX PIPE CONCEALED, HIDDEN FROM VIEW AND AS HIGH AS POSSIBLE ABOVE CEILING
4. REPLACE ALL REMOVED CONSTRUCTION AS REQUIRED TO ACCOMMODATE NEW WORK. REFERENCE ARCHITECTURAL DRAWINGS FOR TILE AESTHETIC INTEGRITY OF EXISTING.
5. INSULATE ALL PIPING CONDUITS, CONDUIT FROM PIPING AS HIGH AS POSSIBLE ABOVE CEILING
6. SUPPORT INSULATION WITH WASHERS AND SUPPORTS. 4-Inch PARAFLEX PIPE CONCEALED, HIDDEN FROM VIEW AND AS HIGH AS POSSIBLE ABOVE CEILING
7. REMOVE ALL WATER SUPPLY (HOT AND COLD) PIPING PRIOR TO DEMOLITION. VERIFY EXACT LOCATION OF CORE DRILLING. DO NOT DRILL THROUGH NFPA CORE DRILL THROUGH EXISTING CONSTRUCTION AS REQUIRED TO ACCOMMODATE NEW WORK. SUCH INFORMATION IS NOT GUARANTEED AS TO ACCURACY OF LOCATION OR START OF CONSTRUCTION. DRAWINGS INDICATE CERTAIN INFORMATION PERTAINING TO EXISTING

LEGEND

EXISTING PLUMBING CONDUITS TO REMAIN IN SERVICE

EXISTING PLUMBING CONDUITS TO BE REMOVED (TYPICAL)

EXISTING PLUMBING CONDUITS TO BE REMOVED (TYPICAL)