LOAD SCHEDULE NOTES:

1. INDICATES LIVE LOAD AND SUPERIMPOSED LOAD PER SCHEDULE. LOADING OCCURS WITHIN REGIONS BOUND BY BOLD LINES.
2. (R) INDICATES LIVE LOADS ARE REDUCED IN ACCORDANCE WITH BUILDING CODE PROVISIONS.
3. ASSEMBLY AREAS INCLUDE LOBBY, DINING, AMENITY AND CLASSROOM AREAS WITHOUT FIXED SEATING.
4. REFER TO TABLE 1607.1 IN THE IBC FOR RELEVANT CONCENTRATED LIVE LOADS.
5. SDL INCLUDES 5 PSF FOR PV PANELS. PV PANELS SHALL NOT BE BALLASTED. FUTURE PV PANELS SHALL BE INSTALLED PARALLEL TO ROOF SLOPE AND SHALL NOT PROJECT MORE THAN 12" ABOVE TOP OF ROOFING.
WOOD PLAN NOTES:

W1. ALL EXTERIOR WALLS TO BE 2x6 DF STUD GRADE @ 16" OC TYP UNO. ALL WALLS GREATER THAN 12'-0" TALL SHALL BE 1-1/2"x5-1/2" LSL @ 16" OC.

W2. ALL INTERIOR WALLS TO BE 2x6 DF STUD GRADE @ 16" OC TYP UNO. ALL WALLS GREATER THAN 12'-0" TALL SHALL BE 1-1/2"x5-1/2" LSL @ 16" OC.

W3. NON-STRUCTURAL WALLS TO BE 2x4 DF STUD GRADE @ 16" OC TYP UNO. ALL WALLS GREATER THAN 12'-0" TALL SHALL BE 1-1/2"x3-1/2" LSL @ 16" OC.

GENERAL PLAN NOTES:

G1. REFERENCE DRAWINGS:
S1.X - STRUCTURAL NOTES AND SPECIAL INSPECTION
S3.X - SECTIONS AND ELEVATIONS
S4.X - TYPICAL CONCRETE DETAILS
S5.X - TYPICAL WOOD DETAILS
S6.X - TYPICAL CMU DETAILS

G2. CONTRACTOR SHALL COORDINATE ALL OPENING DIMENSIONS, SLAB PENETRATIONS, BLOCKOUTS, DEPRESSIONS AND EMBEDS WITH THE ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS PRIOR TO SUBMITTING SHOP DRAWINGS. ENGINEER SHALL BE NOTIFIED OF ALL OPENING/PENETRATIONS THAT ARE ADDED OR CHANGED FROM WHAT IS SHOWN ON THIS PLAN.

G3. ONLY STRUCTURAL WALLS ARE SHOWN. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL WALLS OR EXTENTS.

G4. VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.

G5. SEE ARCHITECTURAL DRAWINGS FOR FLOOR AND PLATE ELEVATIONS.

G6. CONTRACTOR SHALL COORDINATE SIZE AND LOCATION OF ALL HOUSEKEEPING PADS AND CURBS WITH ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS. SEE DETAIL G/S 4.1.

INDICATE SHEAR WALL ABOVE INDICATE HOLD DOWN TYPE. REFER TO S5.21 FOR HOLD DOWN SCHEDULE & DETAILS.
WHERE SHOWN THIS LINE
GL 3-1/8"x12" BLOCKING

GL 5-1/8"x21" W/ H3 CONNECTION
GL 5 1/8"x 19 1/2" BLOCKING

GL 3-1/8"x12" BLKG
PARTITION

FULL DEPTH GL 5 1/8"X BLOCKING
1/8"x12"

S3.01 N

S3.11
DROPPED HEADER
1/8"x19
1/2" 24F

S5.12

S5.11

S5.22

S5.21

H6 GL 8
GL 5
GL 3
S3.01 N

GL 6

1/8"x16
1/2" 24F

H1
H1
H1
H1

1/8"x12"
1/8"x12" VA

L6x6x3/8

H3 CONNECTION

GL 6
GL 5
GL 3

1/8"x19
1/8"x19
1/8"x19

S6.X

S4.X

S3.X

S1.X

TYPICAL CONCRETE DETAILS

TYPICAL WOOD DETAILS

PLAN
SECTIONS AND ELEVATIONS

TYPICAL CMU DETAILS

STRUCTURAL NOTES AND SPECIAL INSPECTION
NAILING PLAN NOTES:
N1. DENOTES SIMPSON CS16 W/ (18) 0.148x2 1/2" FASTENE RS IN EVERY OTHER HOLE SPLICED PER SIMPSON GENERAL NOTES.

GENERAL PLAN NOTES:
G1. REFERENCE DRAWINGS:
S1.X - STRUCTURAL NOTES AND SPECIAL INSPECTION
S3.X - SECTIONS AND ELEVATIONS
S4.X - TYPICAL CONCRETE DETAILS
S5.X - TYPICAL WOOD DETAILS
S6.X - TYPICAL CMU DETAILS
G2. CONTRACTOR SHALL COORDINATE ALL OPENING DIMENSIONS, SLAB PENETRATIONS, BLOCKOUTS, DEPRESSIONS AND EMBEDS WITH THE ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS PRIOR TO SUBMITTING SHOP DRAWINGS. ENGINEER SHALL BE NOTIFIED OF ALL OPENING/PENETRATIONS THAT ARE ADDED OR CHANGED FROM WHAT IS SHOWN ON THIS PLAN.
G3. ONLY STRUCTURAL WALLS ARE SHOWN. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL WALLS OR EXTENTS.
G4. VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.
G5. SEE ARCHITECTURAL DRAWINGS FOR FLOOR AND PLATE ELEVATIONS.
1. **Notes:**

   - **24"**
   - **2/3t**
   - **8"**
   - **Centered, Alt Hook**
   - **#5 @ 15" OC Vert**
   - **#5 @ 15" OC Horiz**
   - **Finish Conceal Slab Per Plan**
   - **24" on Step Symbol**
   - **8"**
   - **8"**
   - **H**
   - **3" CLR**
   - **Lb, TYP**
   - **Joint Control**
   - **Control Joint**
   - **Control and Column Base**
   - **Column and Column**
   - **Pipe Sleeves Between CLR Min**
   - **Min (Is Greater)**
   - **6"**
   - **3" CLR**
   - **6" Wall Stem**
   - **8"**
   - **3/4" = 1'-0"**
   - **1 1/2" M**
   - **6"**
   - **B/FTG**
   - **B/RD or ROD**
   - **"D" Shall Not Exceed 8".**
   - **Conditions.**
   - **Step Footing Per Typical Stepped Footing Detail as Required to Satisfy These Project Specifications.**
   - **Where Control Joints Are Saw Cut, Timing of Joint Cutting Shall Be Per the Control Joints for Control Joint Spacing Requirements.**
   - **Refer to Plan for Slab Thickness and Reinforcing.**

2. **See Plan for Base Adjacent Slab Is Poured as Bond Break Before Poured or 1/8" Wide Saw Cut. See Plan for Rein Paint w/ Curing Compound.**

3. **No Scale**

4. **Equipment Pad Size to Be 6" Larger Than Equipment in Each Direction, Unless Noted.**

5. **1'-0" < Step Height ≤ 2'-0"**

6. **Plan View**

7. **Elevation**

8. **Section**

9. **Notes:**

   - **47 (71)**
   - **28 (43)**
   - **78 (117)**
   - **62 (92)**
   - **54 (81)**
   - **31 (46)**
   - **25 (37)**
   - **48 (72)**
   - **32 (48)**

10. **Abbreviations, Development and Splice Length Schedule**

11. **Footings Schedule**

12. **Footings**

13. **Formations**

14. **Columns**

15. **Roof Details**

16. **Structural Details**

17. **Concrete Details**

18. **Typical Slab-On-Grade Section**

19. **Typical Slab-On-Grade Step**

20. **Typical Slab-On-Grade Trim Reinforcing**

21. **Typical Curb Detail**

22. **Typical Slab-On-Grade Control & Construction Joints**

23. **Typical Isolation Joint at Wood Column**

24. **Typical Curb & Pads on Concrete Slabs**

25. **Typical Stepped Footing Detail**

26. **Typical Detail of Pipe at Footings**

27. **Typical Concrete Wall Details**

28. **Typical Intermediate Wood Column Footing**

29. **Typical Interior Wood Column Footing**

30. **BP-1 Detail**

31. **Typical Slab-On-Grade Inside Shear Wall Footing Detail**

32. **Typical Shear Wall Footing Detail**
B/FTG
T/SLAB
CL COLUMN, FOOTING
SEE PLAN AND FTG SCHED FOR SIZE, DEPTH AND REINF DEPTH
SEE P/S4.03 FOR BASE PLATE DETAIL
3" CLR
SIZE
3" CLR
1" MAX
NONSHRINK GROUT
PER BASE PLATE DETAIL
ISOLATION JOINT, SEE TYP ISOLATION JOINT DETAIL AT STEEL COLUMN
CONTROL JOINT OR CONSTRUCTION JOINT, SEE TYP SLAB-ON-GRADE CONTROL AND CONSTRUCTION JOINT DETAILS
CONCRETE SLAB-ON-GRADE ISOLATION JOINT W/ JOINT FILLER STRIP FILL W/ CONCRETE AFTER ALL FLOOR AND ROOF SLABS POURED
TYP BASE PLATE BELOW STEEL COLUMN
ISSUE DATE:
CONTENTS:
SCALE:
DRAWN:
CHECKED:
PROJECT NO:
SHEET:
The Chehalis Tribe
Chehalis Elders Center
BID DOCUMENTS
TYPICAL CONCRETE DETAILS
R TYP INTERIOR STEEL COLUMN FOOTING
NO SCALE
Q TYP ISOLATION JOINT DETAIL AT STEEL COL
APRIL 16, 2021
NIEDERMAN RD OAKVILLE, WA 98568
1601 Fifth Avenue, Suite 1600
Seattle, WA 98101
206.622.5822
kpff.com
REVISION DATE DESCRIPTION
NO SCALE
R TYP INTERIOR STEEL COLUMN FOOTING
TYP ISOLATION JOINT DETAIL AT STEEL COL
DMH
JJC
S4.03
REFERENCE SOILS REPORT FOR REQUIRED FOOTING DRAINS AND CAPILLARY BREAK. REFERENCE ARCH'T ELEVATIONS AND DETAILS FOR DOWNSPOUT LOCATIONS AND TIGHTLINE CONNECTIONS. REFERENCE LANDSCAPE FOR YARD DRAINS, CATCH BASINS, AND DRAINAGE.

SITE PLAN NOTES:

1. REFERENCE SOILS REPORT FOR REQUIRED FOOTING DRAINS AND CAPILLARY BREAK.
2. SEE LANDSCAPE FOR NEW TOPOGRAPHY, GRADING, RETAINING WALLS, SIDEWALKS, SITE STAIRS, FENCING, ETC.

SITE PLAN: The Chehalis Tribe Chehalis Elders Center

ISSUE DATE: APRIL 16, 2021

CONTENTS:

- SCALE
- DRAWN
- CHECKED
- PROJECT NO
- SHEET

NIEDERMAN RD
OAKVILLE, WA 98568

119 S MAIN ST
SUITE 200
SEATTLE, WA 98104-2579
206 322 3322

BID DOCUMENTS
SITE PLAN

PHOTOS WILL ALSO BE PROVIDED UPON REQUEST.
1. FOR ROOF TYPE ASSEMBLIES - SEE BUILDING SECTIONS
2. RIGID INSULATION ABOVE ALL INTERIOR SPACES, SEE ROOF PLAN
3. SEE EXTERIOR ELEVATIONS FOR ADDITIONAL INFO ON DOWNSPOUT LOCATIONS.
4. DRAWINGS INDICATE GENERAL & TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER, TYPICAL DETAILS SHALL APPLY.
5. ROOF PIPING AND VENT PENETRATION LOCATIONS ARE SHOWN FOR CONTRACTOR COORDINATION AND FOR DESIGN INTENT. FOR ACTUAL PENETRATION QUANTITIES REQUIRED, SEE MECH, PLUMBING, AND KITCHEN SHEETS
6. ELECTRICAL CONDUIT IS RUN WITHIN THE RIGID INSULATION LAYER. ROOFING CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH ELECTRICAL DRAWINGS FOR EXTENTS.

The Chehalis Tribe
Chehalis Elders Center

BID DOCUMENTS
ROOF PLAN

ROOF PLAN NOTES:

1. ROOF INCLUSION MAY ALTER INTERIOR SPACE. SEE ROOF PLAN
2. MECH. VENT, SEE MECH. PLANS FOR MORE INFO
3. MECH VENT, SEE KITCHEN DESIGN FOR MORE INFO.
1. REFER TO T1.0 FOR PROJECT GENERAL NOTES.
2. REFER TO A8.1 FOR SEALING OF WALL OPENINGS & P ENETRATIONS
3. SEE BUILDING SECTIONS FOR EXTERIOR WALL AND ROOF ASSEMBLIES
4. REFER TO ROOF PLANS FOR ROOF DETAIL CALLOUTS AND DESCRIPTIONS
5. DRAWINGS INDICATE GENERAL & TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER, TYPICAL DETAILS SHALL APPLY.
6. SEE A10.1 FOR FINISHES ON EXTERIOR BUILDING COMPONENTS SCHEDULE.
7. STOREFRONT AND CURTAINWALL ALUMINUM WINDOW SYSTEMS NOT INCLUDED IN WINDOW SCHEDULE. REFER TO ELEVATIONS.

ELEVATION NOTES:
CLEAR, UN-TEMPERED GLASS

ELEVATION LEGEND:
\[ 
\begin{array}{ll}
\text{GENERATOR} & \text{Recycling} \\
\text{CONC. FOOTING} & \text{CONCRETE SHEET METAL FRAME} \\
\text{SLAB ON GRADE} & \text{STEEL TUBE METAL FRAME} \\
\text{CONC. FOOTING} & \text{4X4 STEEL POST} \\
\text{SLAB ON GRADE} & \text{CMU BLOCK} \\
\end{array} \]

GLAZING TO WALL RATIO
GLAZING TOTAL: 2,581 SF
WALL TOTAL: 6,029 SF
GRAND TOTAL: 8,610 SF
30%
70%
100%

ELEVATION LEGEND:
\[ 
\begin{array}{ll}
\text{LEAF} & \text{FIBERGLASS UNITIZED WINDOW, PICTURE} \\
\text{LEAF} & \text{FIBERGLASS UNITIZED WINDOW, PICTURE} \\
\text{LEAF} & \text{FIBERGLASS UNITIZED WINDOW, PICTURE} \\
\text{LEAF} & \text{FIBERGLASS UNITIZED WINDOW, PICTURE} \\
\end{array} \]

1. DRAWINGS INDICATE GENERAL & TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER, TYPICAL DETAILS SHALL APPLY.
2. CLEAR, UN-TEMPERED GLASS
3. LIMITS OF PACKAGE MATERIALS...
4. LIMITS OF PACKAGE MATERIALS...
5. LIMITS OF PACKAGE MATERIALS...
6. LIMITS OF PACKAGE MATERIALS...
7. LIMITS OF PACKAGE MATERIALS...

ELEVATION NOTES:
CLEAR, UN-TEMPERED GLASS
1. REFER TO A1.1 FOR GENERAL NOTES.
2. SEE BUILDING ELEVATIONS FOR WALL EXTERIOR CLADDING AND INTERIOR WALL FINISH LOCATIONS.
3. REFER TO ROOF PLANS FOR ROOF DETAIL, CALLOUT, AND DESCRIPTIONS.
4. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER, TYPICAL DETAILS SHALL APPLY.
5. SEE A8.1 FOR TYPICAL WALL PENETRATION WATERPROOFING DETAILS.
6. SEE CODE SHEET FOR WINDOW, DOOR, AND SKYLIGHT VALUE & SHGC MIN. REQUIREMENTS.
7. IN ADDITION TO THOSE LISTED ON THE BUILDING SECTIONS, SEE CODE SHEET FOR R-VALUE MINIMUM REQUIREMENTS.
8. PLATE HEIGHT FOR FRAMING INDICATED AT INTERIOR STRUCTURAL STUD AND ROOF BEAM CONNECTION.
9. STRUCTURAL ELEMENTS SHOWN FOR DESIGN INTENT ONLY, SEE STRUCTURAL DWGS. FOR ADDITIONAL INFO.

SECTION NOTES:

TYPICAL EXTERIOR WALL ASSEMBLIES

- 5/8" GWB - INT. SIDE, WHERE OCCURS
- 2X6 STANDARD FRAMING
- STRUCTURAL SHEATHING, SEE STRUCT. FOR MORE INFO
- AIR AND WATER BARRIER
- MASONRY UNIT VENEER
- 3 1/2" CONT. MINERAL WOOL INSUL.
- VAPOR BARRIER

TYPICAL ROOF AND FLOOR ASSEMBLIES

- STANDARD STEEL METAL ROOF
- HIGH TEMP., SANS UNDERLAYMENT
- ROOF FINISH: PLAT STEEL
- TEMP. ROOF VAPOR/AIR MEMBRANE
- STRUCTURAL SHEATHING OVER 2 1/2" CAR DECKING, SEE STRUCT. FOR MORE INFO
- 1" CONT. MINERAL WOOL INSUL.
- VAPOR BARRIER

SECTION NOTES:

- ISSUE DATE: APRIL 16, 2021
- BID DOCUMENTS
- BUILDING SECTIONS
- CONTENTS: SCALE:
- DRAWN:
- CHECKED:
- PROJECT NO: SHEET:
- 119 S MAIN ST
- SUITE 200
- SEATTLE, WA 98104-2579
- 206 322 3322

The Chehalis Tribe
Chehalis Elders Center
1. REFER TO BUILDING SECTIONS FOR WALL, ROOF AND FLOOR ASSEMBLIES.
2. REFER TO DETAILS FOR COMPLETE DESCRIPTION. DETAILS ON WALL SECTIONS ARE DIAGRAMMATIC.
3. WALL SECTIONS SHOW FOOTINGS BEARING ON UNDISTURBED SOIL. THIS IS ONLY ALLOWABLE IF SOIL AT BOTTOM OF EXCAVATION MEET S MINIMUM BEARING CAPACITIES, OTHERWISE FOOTINGS MAY BE RESTING ON IMPORTED STRUCTURAL FILL. SEE CIVIL AND GEOTECHNICAL REPORT FOR REQUIREMENTS.

WALL SECTION NOTES:
- TOP OF SLAB 117'-0" / 2 1/4" / 1'-0"
- CONCRETE FLATWORK AT COVERED ENTRY, SEE CIVIL
- VESTIBULE EXTERIOR T.O. PLATE @ N. ELEVATION 132'-0"
- INSULATED MTL ROOF, SEE BLDG SECTIONS
- GLU-LAM BEAMS & BLOCKING PER STRUCT, TYP
- VAPOR BARRIER OVER CAPILLARY BREAK PER GEOTECH
- FOOTING DRAIN AND FREE DRAINING MATERIAL, REFER TO CIVIL AND GEOTECH REPORT
- STEM WALL & FTG PER STRUCT, TYP
- PLANTING BEDS WHERE OCCUR, SEE LANDSCAPE
- CONC SLAB PER STRUCT, TYP
- UNINSULATED MTL ROOF, SEE BLDG SECTIONS/ROOF PLAN FOR LOCATION
- INSULATED MTL ROOF, SEE BLDG SECTIONS/ROOF PLAN FOR LOCATION
- T.O. PLATE, U.N.O. 127'-0"
- FLOOR FINISH PER FINISH PLAN
- BATTERED PAIR COLS PER STRUCT, TYP
- ALUMINUM STOREFRONT SYSTEM
- GLU-LAM BEAMS & BLOCKING PER STRUCT, TYP
- BEAM TAIL TYP AT E-W RUNNING EAVES
- UNINSULATED MTL ROOF, SEE BLDG SECTIONS/ROOF PLAN FOR LOCATION
- INSULATED MTL ROOF, SEE BLDG SECTIONS/ROOF PLAN FOR LOCATION
- CONCRETE PLANTING AT COVERED ENTRY, SEE CIVIL
- FOOTING BROADAND FREE DRAINING MATERIAL, REFER TO CIVIL AND GEOTECH REPORT
- PLANTING BEDS AND LANDSCAPE
- ALUMINUM CURTAINWALL SYSTEM
- GLU-LAM VALLEY BEAMS PER STRUCT, TYP
- TOP OF COLUMN CONNECTION TO BEAM PER STRUCT, TYP
- UNINSULATED MTL ROOF, SEE BLDG SECTIONS/ROOF PLAN FOR LOCATION
- INSULATED MTL ROOF, SEE BLDG SECTIONS/ROOF PLAN FOR LOCATION
- T.O. PLATE, U.N.O. 127'-0"
CUSTOM DISPLAY SHELVING:
- (7) 4" PEELER POLE SUPPORTS
- LVT SHELVES/BENCH PER SPEC

LVT BENCH SEAT BENEATH GLAZING
HALLWAY BEYOND

STEEL COLUMN BASE

WINDOW SEAT
CEDAR SIDING
SUSPENDED LINEAR WOOD CEILING

GWB, WRAP STRUCTURE
CEDAR SIDING

ISSUE DATE: APRIL 16, 2021

The Chehalis Tribe
Chehalis Elders Center

BID DOCUMENTS
INTERIOR ELEVATIONS

The Chehalis Tribe
Chehalis Elders Center
1. REFER TO T1.0 FOR GENERAL NOTES.
2. SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION, INCLUDING DEVICES NOT SHOWN ON THESE DRAWINGS.
3. ALL GWB CEILINGS AND SOFFITS ARE SUSPENDED ON CEILING JOISTS. REFER TO STRUCTURAL NOTES.
4. REFER TO FINISH SCHEDULE FOR FINISHES INCLUDING, BUT NOT LIMITED TO THOSE AT CEILINGS, EXPOSED STRUCTURE, EXPOSED DUCTS AND EXPOSED PIPING.
5. TILES AT ACOUSTIC CEILINGS SHALL BE CENTERED ON ROOMS AND HALLWAYS, TYP. INDIVIDUAL PANELS ARE NOT BE CUT TO LESS THAN 3" WIDTHS. ROOMS WITH NEAR EVEN DIMENSION (25", 49") SHOULD HAVE PANELS CUT ROUGHLY CENTER ON EACH EDGE. DO NOT FILL GAP WITH FRAMING.
6. LIGHTING TYPES AND LOCATIONS SHOWN FOR DESIGN INTENT ONLY. ACTUAL LIGHTING DESIGN SHALL BE BY PUBLISHED ELECTRICAL DRAWINGS.
7. MECHANICAL EQUIPMENT SHOWN IS FOR COORDINATION PURPOSES ONLY. ACTUAL MECHANICAL DESIGN SHALL BE BY PUBLISHED MECHANICAL DRAWINGS.
**Door Schedule**

<table>
<thead>
<tr>
<th>Room Name</th>
<th>Door Type</th>
<th>Width</th>
<th>Height</th>
<th>Material/Finish Per Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lobby/Halls 101A</td>
<td>Type D</td>
<td>6' - 0&quot;</td>
<td>8' - 0&quot;</td>
<td>Wood, Stile and Rail</td>
</tr>
<tr>
<td>Lobby/Halls 101C</td>
<td>Type A</td>
<td>3' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>Metal, Painted</td>
</tr>
<tr>
<td>Office 103A</td>
<td>Type B</td>
<td>3' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>Wood, Finish</td>
</tr>
<tr>
<td>Office 107A</td>
<td>Type C</td>
<td>3' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>Metal, Painted</td>
</tr>
<tr>
<td>Classroom 118A</td>
<td>Type D</td>
<td>3' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>Aluminum, Finish</td>
</tr>
<tr>
<td>Pantry 124A</td>
<td>Type A</td>
<td>3' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>Metal, Painted</td>
</tr>
<tr>
<td>Mechanical 125A</td>
<td>Type A</td>
<td>3' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>Metal, Painted</td>
</tr>
<tr>
<td>Storage 126A</td>
<td>Type A</td>
<td>3' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>Metal, Painted</td>
</tr>
<tr>
<td>Kitchen 129A</td>
<td>Type C</td>
<td>3' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>Wood, Painted</td>
</tr>
<tr>
<td>Kitchen 129B</td>
<td>Type C</td>
<td>3' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>Metal, Painted</td>
</tr>
<tr>
<td>Outdoor Dining 130A</td>
<td>Type D</td>
<td>3' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>Aluminum, Finish</td>
</tr>
<tr>
<td>Outdoor Dining 130B</td>
<td>Type D</td>
<td>6' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>Aluminum, Finish</td>
</tr>
<tr>
<td>Fire Riser 131A</td>
<td>Type A</td>
<td>3' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>Metal, Painted</td>
</tr>
<tr>
<td>West Hall 132A</td>
<td>Type D</td>
<td>3' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>Aluminum, Finish</td>
</tr>
<tr>
<td>West Hall 132B</td>
<td>Type D</td>
<td>3' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>Aluminum, Finish</td>
</tr>
<tr>
<td>IT Closet 134A</td>
<td>Type A</td>
<td>5' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>Metal, Painted</td>
</tr>
</tbody>
</table>

**General Notes:**
1. Refer to interior and exterior elevations for door and window details.
2. To determine frame depth, see typical assemblies schedules for wall construction and structural drawings.
3. The opening and closing force of all interior swinging or sliding doors without closers shall require no specific force for operation.
4. Refer to exterior elevations for louvers located in aluminum or metal frames.
5. Refer to electrical drawings for card reader, badge reader, security alarms, and similar devices at doors.
6. Exit doors in curtainwall systems have a thick head mullion for exit light signage mounting. Refer to interior elevations for exact quantity and locations.
7. At curtainwall frame types, see elevations for frame configuration (not frame schedule above).
SAM AND LAF INSTALLATION SEQUENCE @ PUNCHED WALL OPENINGS

1. APPLY SCRAPS OF SAM OVER PRE-PUNCHED METAL STUD HOLES WHERE THEY OCCUR, NOT REQUIRED FOR WOOD STUDS.

2. OPENING. LEAVE RELEASE PAPER ON LOWER 6" FOR SHINGLING OVER PRIMARY FIELD WRB.

3. SAM JAMB PIECES APPLIED DIRECTLY TO SHEATHING AND FOLDED 2 3/4" INTO ROUGH OPENING.

4. SAM SILL PIECE FLASHING APPLIED DIRECTLY TO SHEATHING AND FOLDED 2 3/4" INTO ROUGH OPENING.

5. SAM HEAD PIECES APPLIED DIRECTLY TO SHEATHING AND FOLDED 2 3/4" INTO ROUGH OPENING.

6. LAF APPLIED FOR FULL DEPTH OF ROUGH OPENING (ALL SIDES), AND 2" ONTO FACE. AT SILL, EXTEND LAF 2" BEYOND SAM SO AS TO ADHERE DIRECTLY TO CONCRETE.

7. Primary and secondary backer rod & sealant joints around sheet metal head flashing applied over LAF. Embed in sealant for full length. Depth of drip edge varies per siding type, see details.

8. Apply LAF in shingle fashion wrapping from LAF on jamb onto upturned end dams of sill pan flashing. Apply to seal corners of sill pan and inside leg as shown.

9. Sill pan flashing w/ 4" hemmed drip edge. Pan up the ends and inside leg as shown.

10. Primary WRB (not shown) applied in shingle fashion; over the head and jamb flashing and under the sill flashing. The WRB is to be adhered to the flashing (vice versa at the sill) using manufacturer's standard sealant.

11. Waterproofing at aluminum window penetrations.

12. Typical rectangular penetration seals.

13. Typical roof penetration details.

14. WATERPROOFING AT ALUMINUM WINDOW PENETRATIONS.

NOTE: WRB BASIS OF DESIGN IS AN ADHERED PRODUCT.

USE SAM STRIP AND LEAVE 6" OF THE RELEASE PAPER INTACT AT THE BOTTOM TO LAP OVER THE WRB.

APPLY SAM AT SIDES & TOP.

ALWAYS INSTALL WRB IN A "WEATHERBOARD OR STAINLESS STEEL DRAWBAND." APPLY LAF SO AS TO LAP 1" MIN ONTO PENETRATING OBJECT AND 3" MIN ONTO SELF ADHERING MEMBRANE, ALL SIDES.

ANCHOR PENETRATION & TOP.

APPLY 4" OF LAF OVER PREVIOUSLY LAPPED LAF AND LAP ONTO PIPE MATERIAL. COVER WITH CLADDING WITHIN 20 DAYS OR OTHERWISE PROTECT SAM AND WRB FROM UV.

VERTICAL OVERLAPS MUST BE SET IN A BED OF SEALANT.

VERTICAL OVERLAPS MUST BE STAGGERED A MINIMUM OF 24" AND SHOULD NOT OCCUR DIRECTLY ABOVE OR BELOW WINDOWS OR DOORS.

COVER WITH CLADDING WITHIN 20 DAYS OR OTHERWISE PROTECT SAM AND WRB FROM UV.

5" MIN CL.

10" MIN.

3" = 1'-0".

1/4" = 1'-0".

3 TYPICAL ROUND PENETRATION SEALS.

4 TYPICAL ROOF PENETRATION DETAILS.

3 TYPICAL RECTANGULAR PENETRATION SEALS.

5 TYPICAL ROOF PENETRATION DETAILS.

TYPICAL ROOF PENETRATION DETAILS.

TYPICAL ROUND PENETRATION SEALS.

TYPICAL RECTANGULAR PENETRATION SEALS.

TYPICAL ROUND PENETRATION SEALS.

TYPICAL ROOF PENETRATION DETAILS.

TYPICAL ROOF PENETRATION DETAILS.
1. ROOF @ CHIMNEY SOUTH

2. ROOF @ CHIMNEY EAST

3. CRICKET @ CHIMNEY

4. CRICKET AXON DETAIL, TYP.

5. SECTION DETAIL @ CRICKET, TYP.

Field fabricate cricket from flat sheet. See section detail below. Cricket to be field fabricated from flat stock.
**SCUPPER LENGTH FROM CL WALL**
7' - 0"

**EDGE OF SIDING, BEHIND C-CHANNEL INSET FROM FURRED SIDING, INSTALL OVER WRB C-CHANNEL AS SCUPPER, MOUNT DIRECTION UNDER GUTTER**
22 GA CUSTOM GUTTER SHOWN BEHIND 22 GA S.S. PERF CONT SCREEN

**2x4 WD FASCIA DRIP FLASH INTO C-CHANNEL SCUPPER 4 3/4" 2 1/2" 7"**
3" METAL PIPE FOR SUPPORT, INTEGRATE INTO LANDSCAPE CISTERN SCREEN CONSTRUCTION

**2' - 4 1/2" TO C.L. OF POST WELD OVERFLOW SPLASH PROTECTION TO END OF C-CHANNEL**

**2 1/2" DRAIN SPOUT W/ RAIN CHAIN & CLIP**

**3” BLOCKING AS ANCHOR FOR C-CHANNEL INSTALL FOR OVERFLOW 1" GAP DOWNSPOUT**

**9” 3 1/2” TO C.L. DOWNSPOUT CONT. GUTTER FACIA/FLASH CUT GUTTER W/ DRIP EDGE 5 1/2” FLASH INTO C-CHANNEL SCUPPER W/ DRIP EDGE C-CHANNEL SCUPPER 1’ - 3” 4” 4 1/2” 4 1/2”**

**LAG SCREW CHANNEL TO SOLID WD BLOCKING. (2) LAG SCREWS 1/2"xLENGTH @ 48"o.c. VERTICALLY**

**SHT MTL FLASHING/REVEAL BACKER ROD & SEALANT, TYP. C15x33.9 C-CHANNEL MOUNTED TO WD. BLOCKING WRAP SAM OVER SHT MTL FLASHING WALL ASSEMBLY PER SCHEDULE**
2 X 6 SUPPORTS
3" X 3/4" WHITE OAK PLANKS

3 1/2"
3/4"
3" X 3/4" WHITE OAK PLANKS
2 X 6 COUNTERSINK HOLES FOR FASTENERS

1'-0"
ALIGN
6"
6"

CENTER CEILING BETWEEN SIDE WALLS
OPEN TO LOBBY

ECAL CENTER CEILING BETWEN SIDE WALLS

THE CHEHALIS TRIBE
CHEHALIS ELDERS CENTER

BID DOCUMENTS
INTERIOR DETAILS

A9.2
1. SIGN TYPE A.1-STD ROOM (1 LINE)
2. SIGN TYPE A.2-STD ROOM (2 LINE)
3. SIGN TYPE B.1
4. SIGN TYPE B.2 (DINING/CLASSROOM)
5. SIGN TYPE B.3 (KITCHEN)
6. SIGN TYPE C.1
7. Section of SIGN TYPE A
8. Section of SIGN TYPE B
9. Section of SIGN TYPE C
10. SIGN TYPE C.2
11. SIGN TYPE C.3
12. SIGNAGE INSTALLATION
13. WEST ELEVATION - EXTERIOR SIGNAGE

SIGN INSTALLATION

NOTES:

1. ALL ROOMS TO RECEIVE A SIGN. FOR ROOMS WITH A DOOR INSTALLATION BELOW. FOR ROOMS WITHOUT A DOOR, COORDINATE WITH ARCHITECT ON PLACEMENT.

SIGN NOTES:

1. ALL ROOMS TO RECEIVE A SIGN. FOR ROOMS WITH A DOOR INSTALLATION BELOW. FOR ROOMS WITHOUT A DOOR, COORDINATE WITH ARCHITECT ON PLACEMENT.
3. CONNECT TO BUILDING MANAGEMENT SYSTEM.

---

**Sympol** | **Manufacturer** | **Model** | **Type** | **Serves** | **Electrical** | **Mounting** | **Weight** | **Notes**
--- | --- | --- | --- | --- | --- | --- | --- | ---
EUH-3 | BERKO | SSARWH4808 | WALL-MOUNTED OUTDOOR DINING | 130 | 1.8 | -4.8 | - | 208 | 1 | 23.0 | - | 25 | 1, 3

---

**Notes:**
- Weight indicated is operating weight.

---

**Symbol** | **Manufacturer** | **Model** | **GPM** | **PD Line** | **Service** | **Weight** | **Notes**
--- | --- | --- | --- | --- | --- | --- | ---
IU-16 | TRANE/MITSUBISHI | TPEFYP008MA143A | DUCTED CONCEALED MECHANICAL | 8,000 | 208 | 8,993.60 | 70 | - | 91.8 | 75 | 25 | - | 208 | 1 | 1.05 | 15 | 49
IU-14 | TRANE/MITSUBISHI | TPKFYP012HM142A | WALL MOUNTED | 12,000 | 208 | 12,025.60 | 80 | 67 | 57.3 | 75 | 80 | - | 208 | 1 | 0.38 | 15 | 29
IU-11 | TRANE/MITSUBISHI | TPEFYP024MH142A | DUCTED CONCEALED CLASSROOM | 27,000 | 208 | 20,381.50 | 70 | - | 91.8 | 75 | 51.2 | 320 | MERV 13 | 208 | 1 | 2.11 | 15 | 100
IU-10 | TRANE/MITSUBISHI | TPEFYP015MA143A | DUCTED CONCEALED CULTURAL RM | 17,000 | 208 | 18,034.00 | 70 | - | 93.8 | 75 | 51.2 | 17 | MERV 13 | 208 | 1 | 1.45 | 15 | 58
IU-9 | TRANE/MITSUBISHI | TPEFYP048MH142A | DUCTED CONCEALED LIBRARY/HALL | 54,000 | 208 | 55,183.60 | 70 | - | 99.9 | 75 | 51.2 | 290 | MERV 13 | 208 | 1 | 4.16 | 15 | 153
IU-3 | TRANE/MITSUBISHI | TPEFYP036MA143A | DUCTED CONCEALED HALL | 40,000 | 208 | 31,061.00 | 70 | - | 92.6 | 75 | 51.2 | 150 | MERV 13 | 208 | 1 | 3.51 | 15 | 86
IU-1 | TRANE/MITSUBISHI | TPLFY012FM140A | CEILING CASSETTE TV | 13,500 | 208 | 10,486.00 | 70 | - | 96.6 | 75 | 51.2 | 50 | - | 208 | 1 | 0.29 | 15 | 37

---

**Symbol** | **Manufacturer** | **Model** | **Type** | **Serves** | **Electrical** | **Mounting** | **Weight** | **Notes**
--- | --- | --- | --- | --- | --- | --- | --- | ---
RUH-1 | INFRATECH | C-20 | RADIANT OUTDOOR DINING | 240 | 1 | 8.3 | - | CEILING | 13

---

**Notes:**
- All units to be installed in accordance with the manufacturer's instructions and local codes.
### FAN SCHEDULE

<table>
<thead>
<tr>
<th>M003</th>
<th>04/16/2021</th>
<th>04/16/2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. PROVIDE WITH ROOF CURB.</td>
<td>2. PROVIDE WITH EC MOTOR AND ADJUSTABLE SPEED CONTROL FOR BALANCING.</td>
<td>3. UL762 RATED FOR GREASE EXHAUST SERVICE.</td>
</tr>
<tr>
<td>4. PROVIDE WITH VENTILATED CURB EXTENSION, HINGED FAN BASE, GREASE COLLECTION PORT AND TANK.</td>
<td>5. INTERLOCK WITH KITCHEN HOOD CONTROLS.</td>
<td></td>
</tr>
</tbody>
</table>

### ELECTRIC DUCT HEATER SCHEDULE

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>MANUFACTURER</th>
<th>MODEL</th>
<th>AREA (SF)</th>
<th>CFM</th>
<th>ESP</th>
<th>RPM</th>
<th>SONES</th>
<th>MOUNTING EL</th>
<th>ELECTRICAL</th>
<th>WEIGHT</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>DH-1</td>
<td>GREENHECK</td>
<td>IDHB 20X14</td>
<td>1625</td>
<td>19.00</td>
<td>1</td>
<td>91.3</td>
<td>208</td>
<td>3</td>
<td></td>
<td></td>
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</tbody>
</table>

### DUCT INSULATION & LINING SCHEDULE

<table>
<thead>
<tr>
<th>APPLICATION</th>
<th>R-VALUE</th>
<th>K-VALUE</th>
<th>NRC</th>
<th>THICKNESS (IN)</th>
<th>INSULATION LOC</th>
<th>TYPE</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXHAUST DUCT LINING, 10' FROM RESTROOM EXHAUST OUTLETS</td>
<td>0.25</td>
<td>0.55</td>
<td>1.00</td>
<td>X</td>
<td>CLOSED-CELL ELASTOMERIC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUPPLY &amp; RETURN AIR DUCT INSIDE BUILDING</td>
<td>5.60</td>
<td>-</td>
<td>2.00</td>
<td>X</td>
<td>FIBERGLASS WITH ASJ</td>
<td></td>
<td></td>
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</table>

### PIPE INSULATION SCHEDULE

<table>
<thead>
<tr>
<th>APPLICATION</th>
<th>TEMP RANGE (°F)</th>
<th>CONDUCTIVITY (K)</th>
<th>NOMINAL PIPE SIZE (IN)</th>
<th>TYPE</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONDENSATE DRAIN &amp; TRAPS</td>
<td>40-60</td>
<td>0.21-0.27</td>
<td>75</td>
<td>0.5</td>
<td>0.5</td>
</tr>
<tr>
<td>HWR/HWS</td>
<td>100-180</td>
<td>0.21-0.28</td>
<td>100</td>
<td>1.5</td>
<td>1.5</td>
</tr>
<tr>
<td>REFRIGERANT PIPING</td>
<td>0-150</td>
<td>0.21-0.28</td>
<td>150</td>
<td>1.5</td>
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</table>

### DUCT INSULATION & LINING SCHEDULE

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<td>-</td>
<td>2.00</td>
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<td>1.5</td>
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<td>0.21-0.28</td>
<td>150</td>
<td>1.5</td>
<td>1.5</td>
</tr>
</tbody>
</table>
### SYMBOL DESCRIPTION

- **BFP**: Backflow Preventer
- **M**: Manual
- **AUTOMATIC OR MANUAL AIR VENT**: Automatic or Manual Air Vent
- **FUNNEL DRAIN**: Funnel Drain
- **METER**: Meter
- **DRAIN/BLOWDOWN VALVE W/ 3/4" HOSE CONNECTION**: Drain/Blowdown Valve with 3/4" Hose Connection
- **ECCENTRIC REDUCER**: Eccentric Reducer
- **BRANCH - SIDE CONNECTION**: Branch - Side Connection
- **BRANCH - BOTTOM CONNECTION**: Branch - Bottom Connection
- **BRANCH - TOP CONNECTION**: Branch - Top Connection
- **FLEXIBLE PIPE CONNECTION**: Flexible Pipe Connection
- **FLOOR & FUNNEL DRAIN**: Floor & Funnel Drain
- **FLOOR DRAIN**: Floor Drain
- **WASTE PIPING**: Waste Piping
- **VENT PIPING**: Vent Piping
- **COLD WATER PIPING**: Cold Water Piping
- **DRAIN VALVE W/ 3/4" HOSE CONNECTION**: Drain Valve with 3/4" Hose Connection
- **REDUCER**: Reducer
- **GATE VALVE**: Gate Valve
- **CAP END OF PIPE**: Cap End of Pipe
- **PETE'S PLUG**: Pete's Plug

### GENERAL NOTES

1. Provide complete condensate drainage system for all VRF equipment to nearest drain location. Equipments to nearest drain location. Piping and fittings shall be PVC or accessible through the building.
2. Provide complete IMC 307.2.3 compliant secondaries condensate connection to fixture inlets. Provide drain valves at all system low points. Provide drain valves at all system low points. Provide drain valves at all system low points.
3. Provide seismic support, bracing, and attachments for all piping in finished rooms or spaces. Provide seismic support, bracing, and attachments for all piping in finished rooms or spaces. Provide seismic support, bracing, and attachments for all piping in finished rooms or spaces.
4. Contract shall support system commissioning and shall perform a pressure test at 100 psi at 15 psi.
5. Display shall be web-based accessible through the project specifications. Electrical metering is per electrical code requirements. Fuel supply, district, and site generated renewable energy shall apply only to new and replaced systems.
6. Provide energy metering devices for electrical, gas, and liquid fuel supply, district, and site generated renewable energy shall apply only to new and replaced systems.
7. Configure hot and tempered water connections to lavatory requirements. Disconnect temperature of public lavatories shall be 104°F. Disconnect temperature of public lavatories shall be 104°F. Disconnect temperature of public lavatories shall be 104°F.
8. Locate all valves, traps, test ports, dampers, controls, and installation.
9. Schedule item.
10. Contract shall support system commissioning and shall perform a pressure test at 100 psi at 15 psi.
11. The fire protection contractor shall be responsible for slope horizontal fire protection piping to facilitate drainage. Schedule item.
12. Provide complete condensate drainage system for all VRF equipment to nearest drain location. Equipments to nearest drain location. Piping and fittings shall be PVC or accessible through the building.
13. All electrical work shall be performed in accordance with NFPA 70 standards and local requirements. Schedule item.
14. Permit's plug shall be provided with steel pipe protection (bollards, guards, and similar). Schedule item.
15. Provide complete condensate drainage system for all VRF equipment to nearest drain location. Equipments to nearest drain location. Piping and fittings shall be PVC or COPPER. Use COPPER for all plenum applications or where non-combustible piping is required. Minimum pipe size shall be 3/4". Increase pipe size where applicable per IMC 307.2.2.
16. Un-recirculated hot and tempered water system branches shall not exceed 25 feet in developed length at any location.
17. Provide R-10 insulated surface under electric water heaters. Schedule item.
18. Contractor shall support system commissioning and shall perform a pressure test at 100 psi at 15 psi.
19. Contractor shall support system commissioning and shall perform a pressure test at 100 psi at 15 psi.
20. Field route drainage piping from equipment to nearest conspicuous drain location. Coordinate drainage piping with other trades. Shop drawings shall be coordinated shop drawings for approval prior to fabrication and installation. Coordinate drainage piping with other trades. Shop drawings shall be coordinated shop drawings for approval prior to fabrication and installation. Coordinate drainage piping with other trades. Shop drawings shall be coordinated shop drawings for approval prior to fabrication and installation.
21. The fire protection contractor shall be responsible for slope horizontal fire protection piping to facilitate drainage. Schedule item.
22. Provide complete condensate drainage system for all VRF equipment to nearest drain location. Equipments to nearest drain location. Piping and fittings shall be PVC or COPPER. Use COPPER for all plenum applications or where non-combustible piping is required. Minimum pipe size shall be 3/4". Increase pipe size where applicable per IMC 307.2.2.
### Kitchen Plumbing Fixture Schedule

<table>
<thead>
<tr>
<th>No.</th>
<th>Symbol</th>
<th>Manufacturer</th>
<th>Model</th>
<th>Description</th>
<th>Plumbing Connections (In)</th>
<th>Flow</th>
<th>Notes</th>
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<tbody>
<tr>
<td>01</td>
<td></td>
<td></td>
<td></td>
<td>057 Iced Tea Brewer</td>
<td>-</td>
<td>-</td>
<td>1/2&quot;</td>
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<tr>
<td>02</td>
<td></td>
<td></td>
<td></td>
<td>041 Refrigerated Hot/Cold Pans</td>
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<td>021 Eye Wash</td>
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### Plumbing Fixture Schedule

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### Electric Tank-Type Water Heater Schedule

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<th>Symbol</th>
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<th>Model</th>
<th>Service Type</th>
<th>Pressure</th>
<th>Volume (Gallons)</th>
<th>Weight</th>
<th>Notes</th>
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<tbody>
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### Tankless Water Heater Schedule

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<th>No.</th>
<th>Symbol</th>
<th>Manufacturer</th>
<th>Model</th>
<th>Application Temp Range</th>
<th>Insulation</th>
<th>Conductivity</th>
<th>Nominal Pipe Size (In)</th>
<th>Type</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>01</td>
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### Grease Trap Schedule

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<td>Stainless Steel</td>
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### Pump Schedule

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<th>Volume (GPM)</th>
<th>Weight</th>
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### Expansion Tank Schedule

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<th>Weight</th>
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<tbody>
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### Pipe Insulation Schedule

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<th>Insulation</th>
<th>Conductivity</th>
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</tbody>
</table>
AFTER CONCRETE HARDENS (STEP #2)

DURING CONCRETE POUR (STEP #1)

DUCT TAPE

FLOOR DRAIN

BODY PIPE

NOTE:
COMPLETE INSTALLATION OF FLOOR DRAIN AND SETTING OF FINAL ELEVATION SHALL NOT BE ALLOWED DURING INITIAL CONCRETE POUR

CUT 1-1/2" RIGID INSULATION TO FIT.
ATTACH WITH DUCT TAPE

FLASHING COLLAR

FINISHED GROUT

STRAINER

STRAINER HEAD

INSTALL STRAINER, STRAINER HEAD, & FLASHING COLLAR (SEE FINAL ELEVATION)

REMOVE AND STORE STRAINER, STRAINER HEAD AND FLASHING COLLAR

BRONZE TOP RISER PIPE

FINISHED FLOOR, SLAB, OR GRADE WASTE PIPE

21-1/2" FLASHING

12" ALUMINUM BASE FLANGE, BASE OF MVENT

NON-REINFORCED SBS TARGET DECK INSULATION

BASE SHEET FIELD SHEET

FLASHING

5" HEIGHT OF ALUMINUM VENT

5-1/2" BOOT HEIGHT (BEFORE CUTTING)

6" I.D. SANTOPRENE BOOT VENT PIPE

CHROME WALL COVER AND SCREW PLUGGEDTEE WITH CLEANOUT FLOOR LINE WASTE PIPE

PIPE INSULATION PIPE HANGER

RIGID INSULATION 6" MIN 10" MIN

PLASTIC PIPE PROVIDE RUBBER OR GALVANIZED PIPE SHIELD TO PROTECT PLASTIC PIPING (PIPE SHIELDS SHALL SURROUND ENTIRE PIPE CIRCUMFERENCE)

GALVANIZED METAL OR RUBBER SHIELD BETWEEN HANGER AND INSULATION UP TO CENTERLINE OF PIPE

LOCK NUT

TURNBUCKLE

STEEL STRAP

INSULATION

STEEL CLEVIS

DOMESTIC WATER PIPE 18 GA. SM SHEILD

PLASTIC PIPE PROVIDE RUBBER OR GALVANIZED PIPE SHIELD TO PROTECT PLASTIC PIPING (PIPE SHIELDS SHALL SURROUND ENTIRE PIPE CIRCUMFERENCE)

PROVIDE RUBBER OR GALVANIZED PIPE SHIELD TO PROTECT PLASTIC PIPING (PIPE SHIELDS SHALL SURROUND ENTIRE PIPE CIRCUMFERENCE)

TURNBUCKLE

STEEL STRAP

INSULATION
## Domestic Water Calculation

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## Waste Calculation

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## Gas Calculation

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GENERAL NOTES

1. THE FIRE PROTECTION CONTRACTOR SHALL DESIGN, PER MIT, AND CONSTRUCT THE FIRE PROTECTION SYSTEM IN ACCORDANCE WITH NFPA REQUIREMENTS.

2. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND CONSTRUCTION FEES. FURNISH COPIES OF ALL CONSTRUCTION PERMITS, FINAL APPROVED PERMITS, AND SIMILAR DOCUMENTS TO OWNER DOCUMENTING COMPLIANCE WITH CODE REQUIREMENTS.

3. LOCATE ALL VALVES, TRAPS, TEST PORTS, CONTROLS, ETC. TO BE ACCESSIBLE FOR MAINTENANCE, ADJUSTMENT, & TESTING. PROVIDE ACCESS PANELS FOR ALL CONCEALED DEVICES. ACCESS PANEL LOCATIONS SHALL BE COORDINATED WITH ARCHITECT.

4. ALL PIPING ROUTED EXPOSED IN AREAS ADJACENT TO VEHICLE TRAFFIC SHALL BE PROVIDED WITH STEEL PIPE PROTECTION (BOLLARDS, GUARD RAILS, PLATING, OR SIMILAR).

5. PIPING SHALL BE ROUTED SO AS NOT TO OBSTRUCT ACCESS OR CAUSE TRIPPING OR OTHER HAZARDS.

6. PIPING SHALL BE ROUTED SO AS TO MAINTAIN CODE-REQUIRED CLEARANCES FOR ELECTRICAL EQUIPMENT, ADA ACCESSIBILITY, AS WELL AS MAINTAINING CLEAR ACCESS AT ALL DOORS, WINDOWS, & OTHER ARCHITECTURAL FEATURES IN THE BUILDING.

7. COORDINATE ALL FIRE PROTECTION WORK WITH OTHER TRADES TO INSURE PROPER AND ADEQUATE INTERFACE OF THEIR WORK WITH THE WORK SHOWN ON THESE DOCUMENTS. CONTRACTOR SHALL PROVIDE COORDINATED SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION.

8. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA 70 STANDARDS AND LOCAL REQUIREMENTS.

9. ALL FIELD WIRING SHALL REQUIRE AN ELECTRICAL PERMIT AND SHALL BE PERFORMED BY A LICENSED ELECTRICIAN.

10. THE FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR SYSTEM LAYOUT, DESIGN, AND COORDINATING PIPE PLACEMENT AND ROUTING OF PIPING WITH OTHER TRADES. SHOP DRAWINGS SHALL COMPLY WITH NFPA REQUIREMENTS. DUCTWORK AND OTHER PIPING SYSTEMS HAVE ROUTING PRIORITY OVER FIRE PROTECTION PIPING.

11. SLOPE HORIZONTAL FIRE PROTECTION PIPING TO FACILITATE DRAINAGE TO SYSTEM LOW POINTS. PROVIDE DRAIN VALVES AT ALL SYSTEM LOW POINTS.

12. CONTRACTOR SHALL SCAN WALLS, FLOORS, CEILINGS, AND OTHER SURFACES THAT COULD CONCEAL COMPONENTS SUCH AS EXISTING PIPING, ELECTRICAL ITEMS, OR OTHERS PRIOR TO ANY CUTTING, DRILLING, OR SIMILAR OPERATION TO VERIFY THAT THE AREA OF WORK IS CLEAR OF COMPONENTS THAT COULD BE DAMAGED.

13. REFER TO CIVIL DRAWING C401 FOR POST INDICATOR VALVE LOCATION.

REFERENCE INFORMATION

APPROXIMATE LOCATION OF FIRE PUMP CONTROLLER (INCLUDING NEC CLEARANCE)

APPROXIMATE LOCATION OF FDC LOCATION

2' - 0"
1. PROVIDE CONDUIT ONLY (1.25") WITH PULL STRING FROM CCTV CAMERAS TO EITHER IT ROOM OR IT CLOSET. FOLLOW SAMPLE PARAMETERS AS DEFINED FOR DATA OUTLETS BY COMM CONDUIT RISER.

2. PROVIDE CIRCUITRY FROM ACCESS CONTROL DEVICES TO ACCESS CONTROL PANEL AS REQUIRED BY MANUFACTURER. ROUTE IN CONDUIT WHERE IN WALLS AND ABOVE NON-ACCESSIBLE CEILINGS. IN OPEN CEILING AREAS, ROUTE IN CONDUIT ABOVE CEILING IN RIGID INSULATION. COORDINATE ROUTE WITH INSTALLER OF RIGID INSULATION.

3. PROVIDE CIRCUITRY FROM SECURITY SYSTEM DEVICES TO SECURITY PANEL AS REQUIRED BY MANUFACTURER. ROUTE IN CONDUIT WHERE IN WALLS AND ABOVE NON-ACCESSIBLE CEILINGS. IN OPEN CEILING AREAS, ROUTE IN CONDUIT ABOVE CEILING IN RIGID INSULATION. COORDINATE ROUTES WITH INSTALLER OF RIGID INSULATION.

4. PROVIDE CIRCUITRY FROM FACP TO ALL FIRE SYSTEM DEVICES AS REQUIRED BY MANUFACTURER. ROUTE IN CONDUIT WHERE IN WALLS AND ABOVE NON-ACCESSIBLE CEILINGS. IN OPEN CEILING AREAS, ROUTE IN CONDUIT ABOVE CEILING IN RIGID INSULATION. COORDINATE ROUTES WITH INSTALLER OF RIGID INSULATION.
EXISTING RELOCATED

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</table>

The Chehalis Tribe
Chehalis Elder Center

CONTENTS:
1/4" = 1'-0" SCALE:
DRAWN: Author
CHECKED: Checker

THIS DRAWING IS INTENDED FOR INFORMATION PURPOSES ONLY FOR USE BY THE ARCHITECT AND ENGINEERS TO PREPARE THEIR DOCUMENTS. SEE APPROVED KITCHEN EQUIPMENT CONTRACTOR ROUGH-IN DRAWINGS FOR CONSTRUCTION.
DUPLEX RECT., 20-AMP, 120-VOLT, GROUND TYPE,
KITCHEN EQUIPMENT CONTRACTOR WILL PROVIDE DIMENSIONED ROUGH-IN DRAWINGS FOR CONSTRUCTION.

HORIZONTAL MOUNTED SIMPLEX RECT., 20-AMP, 120-VOLT, GROUND TYPE,
WIRE SYSTEM.

3. ELECTRICAL DIVISION SHALL FURNISH AND INSTALL ALL JUNCTION BOXES,
WHERE NOTED. RECEPTACLES AND COVER PLATES SHALL BE BRUSHED STAINLESS STEEL FURNISHED BY ELECTRICAL DIVISION.

SPECIAL PURPOSE OUTLET, VOLTAGE AS INDICATED,
98104-2579
GROUND TYPE, HORIZONTAL MOUNTED
JUNCTION BOX, HORIZONTAL MOUNTED
ELECTRICAL FOR FABRICATED COUNTERS AS NOTED COMPLETE WITH JUNCTION
ELECTRICAL CONDUIT, STUB AS INDICATED FOR DIRECT
BOXES, CONDUIT, SURFACE MOUNTED ELECTRICAL BOXES, RECEPTACLES, COVER PLATES, ELECTRICAL RACEWAYS, CIRCUIT BREAKER PANEL AND WIRING.

ELECTRICAL DIVISION TO MAKE FINAL CONNECTION.

6. KITCHEN EQUIPMENT CONTRACTOR WILL FURNISH AND INSTALL VAPOR PROOF

7. ADDITIONAL CONVENIENCE RECEPTACLES, TELEPHONE AND INTERCOM JACKS
AND TEMPERATURE MONITORING SYSTEM ETC. SHALL BE LOCATED BY THE

FIXTURE MOUNTED JUNCTION BOX
CONDUIT AND WIRING BETWEEN MICRO-SWITCH AND SOLENOID FUEL SHUT OFF
VALVE FURNISHED WITH FIRE SUPPRESSION SYSTEM SUPPLIED BY THE KITCHEN
(2) DUPLEX RECT., 120-V, EMPTY JBOX WITH CONDUIT SEALOFFS, SEALANT AND MAKE FINAL CONNECTIONS.

10. ELECTRICAL DIVISION SHALL FURNISH AND INSTALL ALL INTERCONNECTING
FIXTURE MOUNTED ELECTRICAL PANEL
DOOR SWITCH AND COMPRESSOR CONTROL PANEL.

11. ELECTRICAL DIVISION SHALL FURNISH AND INSTALL EMPTY CONDUIT WITH
INCANDESCENT LIGHT FIXTURE
MANUFACTURER'S INSTRUCTIONS.

12. ELECTRICAL DIVISION SHALL FURNISH AND INSTALL DISCONNECTS FOR ALL
ELECTRICAL EQUIPMENT UNDER HOOD ACTIVATED BY FIRE SUPPRESSION SYSTEM.
PLUMBING NOTES

1. PLUMBING PLANS SHOW ROUGH-IN POINTS AND SCHEDULED CONNECTIONS. KITCHEN EQUIPMENT CONTRACTOR WILL PROVIDE TRAPS, TAIL PIECES, LINE STRAINERS, WATER PRESSURE REDUCING VALVES AND VACUUM BREAKERS AND CONNECT ALL WATER, FUEL GAS, STEAM AND WASTE LINES TO FOOD SERVICE AND BEVERAGE EQUIPMENT.

2. WATER PRESSURE IN FOOD AND BEVERAGE AREAS SHOULD BE 50 PSIG (345 KPa) MAXIMUM. WATER PRESSURE AT DISHMACHINES, BOOSTER HEATERS, GLASS AND UTENSIL WASHERS TO BE 25 PSIG (172 KPa).

4. PLUMBING CONTRACTOR TO PROVIDE GAS SERVICES AT EQUIPMENT TO MAINTAIN AN 8" (203MM) WATER COLUMN. KITCHEN EQUIPMENT CONTRACTOR TO PROVIDE GAS PRESSURE REGULATORS AS REQUIRED BY CODE AND A.G.A. FOR INSTALLATION BY PLUMBING DIVISION Inline BETWEEN BUILDING SERVICES AND EQUIPMENT.

5. PLUMBING DIVISION TO SUPPLY GAS SHUT OFF VALVE AT EACH EQUIPMENT CONNECTION AND INSTALL WITHIN EQUIPMENT SPREADERS OR CHASES FOR EASY ACCESSIBILITY.

SCHEDULES SHOW LOADS ONLY FOR EACH PIECE NOT THE TOTAL, LOOP GAS SERVICES WHEN PRACTICAL.

FURNISHED BY KEC.

VENTILATOR WASTE LINES TO FLOOR SINKS.

9. PLUMBING DIVISION TO PROVIDE ADEQUATE CLEAN-OUT FOR DRAIN LINES.

10. KITCHEN EQUIPMENT CONTRACTOR SHALL FURNISH AND INSTALL FIRE BACK FLOW PREVENTION TO MEET ALL REQUIREMENTS.

11. FLOOR SINKS SHALL BE INSTALLED FLUSH WITH FINISH FLOOR OR PER LOCAL CODE WITH GRATE COVER AS INDICATED.

13. EYE/FACE WASH STATION SHALL MEET DOSH EMERGENCY WASHING REQUIREMENTS, ANSI ZZ358.1 EMERGENCY EYE WASH AND SHOWER REQUIREMENTS. KITCHEN EQUIPMENT CONTRACTOR SHALL VERIFY UNIT MEETS WITH LOCAL JURISDICTION. CODES AND PROVIDE TRAINING.
NOTE:
1. ALL DIMENSIONS ARE TO FINISHED FLOOR.
2. ALL WALL BACKING TO BE 14GA STEEL PLATE SECURELY ATTACHED TO STUDS.

NOTES:
SPECIFIED VERIFY WITH VENTILATOR WALL BACKING DETAIL

80-1/2" (203MM) DEPRESSION

A. STRUCTURAL "Z" SUPPORT
B. WALL BACKING
C. NON-COMBUSTIBLE WALL
D. 6" (152MM) CONCRETE CURB
E. FLOOR DEPRESSION
F. CORNER GUARD BY G.C.

CG. CORNER GUARD BY G.C.

(1) LAYER OF 2" (50MM) & (1) LAYER OF 2-1/2" (62MM) URETHANE FLOOR INSULATION

15# FELT SLIP SHEET

WEARING FLOOR BY G.C.

4" (100MM) URETHANE PANEL WITH METAL FACING

1.0" (25MM) SQ. WIRE CLOTH 20 GA. ZINC. COATED STEEL BY G.C.

METAL LATH BY G.C. - FASTEN TO PANEL WITH S.M.S

INTERIOR BASE BY G.C.

CONCRETE SUBSTRATE BY G.C.

COLD STORAGE ROOM - 8" (203MM) DEPRESSION

GALVANIZED STEEL CHANNEL WITH LANCED TABS 24" (610MM) O.C.

ASPHALT EMULSION & FOIL MEMBRANE

8" (203MM) FLOOR DEPRESSION

FINISHED FLOOR

EXTERIOR BASE BY G.C.

4" (100MM) URETHANE PANEL WITH METAL FACING

3-1/2" (88MM)

7.08" (1725)

4-1/2" (112MM)

15" (380)

84" (2135)

14" (2135)

8" (1725)

57 1/2"

3 3/8"

98" (1295)

4 3/8"

16" (1168)

57 1/2"

3 3/8"

98" (1295)

4 3/8"

16" (1168)

57 1/2"

3 3/8"

98" (1295)

4 3/8"

16" (1168)

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16" (1168)

57 1/2"

3 3/8"

98" (1295)

4 3/8"

16" (1168)

57 1/2"

3 3/8"

98" (1295)

4 3/8"
Conduit Run Details:

- Stub through concrete pad
- Conduit run in wall
- Stub through floor
- 24" (610) minimum radius
- Empty conduit run in wall by electrical division
- Finished ceiling stub conduit
- Above finished ceiling or wall waterproof seal (typical)

Conduit Notes:

1. All conduits to be 6" I.D. minimum.
2. All bends to be "long sweep", minimum radius as used by the electrical trade.
3. Do not use plumbing tees or elbows.
4. Debur all sharp edges on I.D. of conduit.
5. Utilize least number of bends.
6. Install pull boxes as required.
7. Cap ends during construction.
8. 18" minimum centers on continuing stub-ups.

Note: Where refrigeration lines penetrate plenums and fire rated areas, lines are to be housed in conduit or insulated as per applicable codes. Conduit by electrical division and insulation by kitchen equipment contractor.

Refrigeration Schedule:

003 Refrigeration lines, run from Item 060 remote refrigeration rack, (verify exact location) run from above and stub down, connect at unit cooler (cooler) system No. "A" cooler. Verify with refrigeration engineering schedule.

005 Refrigeration lines, run from Item 060 remote refrigeration rack, (verify exact location) run from above and stub down, connect at unit cooler (freezer) system No. "B" freezer. Verify with refrigeration engineering schedule.

Refrigeration stub as indicated.
Refrigeration line in 6"x6" (152mmx152mm) pull box.
Refrigeration lines in 12"x12" (305mmx305mm) pull box.

Issue Date: April 16th, 2021

Chehalis Tribe
Chehalis Elder Center

Revision Date: Description

This drawing is intended for information purposes only for use by the architect and engineers to prepare their documents. See approved kitchen equipment contractor rough-in drawings for construction.
REMOTE REFRIGERATION EQUIPMENT SCHEDULE

OMNI TEMP REFRIGERATION RACK

Equipment:
OmniTeam, Inc.
46"L x 34"W x 33"H

Temperature:
510 Lbs.

100 Lbs.

Temp Omни
LO

Minimum Ampacity:
A.OFH.

C

SUITE 200
(REVISED)

18.1 Amps

RACK OVERALL DIMENSIONS

LENGTH

WIDTH

Y

O

M

M

O

M

P

P

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R

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YPICAL PIPING FOR VERTICAL RISERS

Rack Design Notes:

• All compressors and coated condensers are sized to operate at an air ambient of °F.
• All evaporator coils supplied by Omni with matching thermostats (t'stat), solenoid & expansion valves along with "EC" motors (W/I's only) factory installed.
• Walk-in coil(s) supplied with "SmartSpeed" for low energy consumption (savings).

Electrical contractor to provide power for medium and low temperature evaporator coils. Power from building.

Provide separate power source for each evaporator.

Walk-In(s) with 'Electric Defrost' no longer requires inter-connecting wire to the rack, a direct 208-volt power source is needed.

REFRIGERATION RACK @ 3'-10" (46") RACK

• MOUNTING HOLES

TYPICAL BRANCH PIPING FOR TEE'S

4'-4" (52") O.D.

CONDENSER SIDE

180° ELBOW

LIQUID "T"

LIQUID TRUNK

ELECTRICAL PANEL

MINIMUM OF 36" CLEARANCE IN FRONT OF ELECTRICAL PANEL.

PRE-WIRED IN EACH COIL SUPPLIED BY OMNI TEMP REFRIGERATION (UNLESS OTHERWISE NOTED ON PRINTS).

ELECTRICAL CONNECTIONS

ALL COPPER TUBING TO BE REFRIGERANT GRADE AC&R TYPE "L" (CLEANED & DEHYDRATED). JOINTS FOR ALL

1. The Chehalis Tribe

CHEHALIS, WA

ALL SUCTION LINES WITH 15FT. OR MORE VERTICAL RISE, ARE TO BE TRAPPED FOR PROPER OIL RETURN.

2. AFTER ALL FINAL PIPING CONNECTIONS OF COMPRESSOR RACK AND EVAPORATOR COILS HAVE BEEN COMPLETED,

MOUNTING HOLE(S) INTERNAL PITCH POCKET

PUMP.

ALL COILS SUPPLIED BY OTHERS MUST HAVE EXPANSION VALVES COMPATIBLE WITH THE REFRIGERANT

USED ON EACH SYSTEM.

8. USE CAUTION AND EXERCISE SAFETY AT ALL TIMES WHEN CUTTING LINES ON

EVAPORATORS AND REFRIGERATION RACK.

ELECTRICAL CONTRACTOR (DIVISION 16) IS TO PROVIDE POWER FOR REFRIGERATION RACK AND ALL COILS.

ELECTRICAL CONNECTION REQUIRED FOR RACK CONTROL PANEL AND DEFROST SYSTEMS AS PER THE WIRING

BID DOCUMENTS

3. TO BE PROVIDED BY OTHERS

PLUMBING CONTRACTOR (DIVISION 15) TO PROVIDE HARD AC&R OR TYPE "L" COPPER CONDENSATE DRAIN

LINES FOR WALK-IN FREEZERS AND REFRIGERATORS. PITCH TO BE MINIMUM OF 1/2" PER FOOT OF

RUN IN FREEZERS. DRAIN LINES IN FREEZERS MUST BE INSULATED TO PREVENT FREEZING. DRAIN LINES

MUST BE TRAPPED OUTSIDE OF BOX TO AVOID ENTRANCE OF WARM AIR. PROVIDE INDIVIDUAL DRAIN LINES

PLUMBING CONTRACTOR (DIVISION 15) TO VERIFY THE METHOD USED AND LOCATION FOR FIXTURE DRAINS.

INTERNAL, TOP VIEW OF PITCH POCKET TUBING SEQUENCE

THIS PLAN IS PRIMARILY A GENERAL ARRANGEMENT OF EQUIPMENT FOR THE

POSSIBLE AND ARE INTENDED TO SUIT EQUIPMENT TO BE SUPPLIED. WE ACCEPT

CONTENTS:

REFRIGERATION PLAN

THE CHEHALIS TRIBE

CHEHALIS, WA

CHEHALIS TRIBE ELDER CENTER

CIVIC CENTER

CHEHALIS, WA

CHEHALIS TRIBE ELDER CENTER

REVISED D2010004 10/21/20

DESIGNED BY:

OMNI TEAM INCORPORATED

E-Mail: CathyB@omniteaminc.com

Web page address: www.omniteaminc.com

MANUFACTURER OF REMOTE REFRIGERATION PRODUCTS

2400 Valley Park Drive, Suites 150 & 240

Chehalis, WA 98532

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Email: mc@omniteaminc.com

SALES: sales@omniteaminc.com

E-MAIL: prosales@omniteaminc.com

Cell: 360-979-5455

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Documentation by Clevenger Associates

Initial Design Release to Clevenger Associates (T. McDougald) #D2010004

Chehalis Tribe Elder Center

Chehalis, WA

Refrigeration Plan

This document is intended for use by the architect and engineer to prepare their documents. Use of this drawing is restricted.
TREE PRESERVATION NOTES:

1. LIMIT OF DISTURBANCE:
   - TREES greater than 12" CALIPER - SEE
   - TREES 4'-6" CALIPER OR GREATER TO BE REMOVED:
     - 2 (2%) - 6 (6%)
   - TREES 4'-8" CALIPER TO BE REMOVED:
     - 0 (%)
   - TREES 8" - 12" CALIPER TO BE REMOVED:
     - 0 (%)
   - TREES UNDER 12" CALIPER ARE NOT SHOWN, BUT ARE TO BE PRESERVED AND PROTECTED OUTSIDE THE LIMITS OF WORK.
   - CONTRACTOR SHALL BE FAMILIAR WITH LOCATIONS OF ALL ON-SITE UTILITIES PRIOR TO COMMENCING ANY LANDSCAPE WORK.
   - NURSERY SPECIES TO BE REMOVED OR PROTECTED OUTSIDE LIMIT OF WORK.
   - INVASIVE SPECIES:
     - REMOVAL OF CLASS A INVASIVE SPECIES IS REQUIRED BY LAW.
     - SEE THE FOLLOWING LINK FOR A FULL LIST: https://www.methowvalley.ca.gov/controls-prohibited-weeds, INCLUDING BUT NOT LIMITED TO:
       - Scotch Broom / Genista sp.
       - Russian Olive / Elaeagnus sp.
       - Huisache / Acacia sp.
       - Dyer's Greenweed / Genista sp.
   - OTHER SPECIES TO BE REMOVED FROM SITE INCLUDE CLASS B INVASIVE SPECIES AS LISTED IN https://www.methowvalley.ca.gov/controls-prohibited-weeds, INCLUDING BUT NOT LIMITED TO:
     - 7.3.1 SCOTCH BROOM / GENISTA SP.
     - 7.3.2 REED CANARY GRASS
     - 7.3.3 PHOENIX LACOSTEAE
     - SANDBOARD / BATRICHIS
     - 7.3.5. KNOTWEED / LICORICE SP.
     - 7.3.6. BLACK HAW / CTENOPHORA SP.
     - 7.3.7. BUTTERFLY BUSH / BUDDLEIA SP.
     - 7.3.8. MINNOWFISH / CENTAURIA SP.
   - SEE https://www.invasiveplantswesternusa.org/ FOR MORE INFORMATION.

LEED CALCULATIONS:

1. TOTAL DISTURBANCE: 242,000 SF
2. AREA OF DISTURBANCE: 120,000 SF
3. % OF TREES LEFT UNDISTURBED/PRESERVED: 120,714 SF
4. % OF UNDISTURBED/PRESERVED LAND: 120,714 SF
5. PERCENTAGE OF PROTECTED LAND: 47%

KEY:

- LIMIT OF DISTURBANCE
- (EXISTING SIGNIFICANT TREE >12" DBH) TO BE REMOVED
1. **MATERIALS NOTES**

   1. See Sheet L1.10 for Materials Schedule.
   2. Set new paving flush with existing adjacent paving.
   3. Center cobbled area on downslope. Curve cut, or curve, TYP.
   4. See civil drawings for paving list layout, grading, and details.
   5. Preserve and protect existing site elements to remain.
   6. See civil drawings for stone drains, inlets, piping locations, and details.
   7. See architectural, drawings for wall details, TYP.
   8. Expansion joint and control joint layout is diagrammatic, and for pricing purposes only.
   9. Contractor to stake concrete paving and curbs in field and verify with landscape architect prior to construction.
   10. Contractor to stake concrete paving and curbs in field and verify with landscape architect prior to construction.
   11. Center drain or cobbled area on downslope or canale, TYP.

---

**MATERIALS SCHEDULE**

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**SYMBOL**

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**SITE FURNISHINGS**

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**WATER VALVE AND HOOP LANDSCAPE DRAIN**

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**VALUE ENGINEERING NOTES**

1. **Potential Courtyard Valuation Engineering Elements:**
   1.1. DEDUCT CISTERN AND ACCESSORIES
   1.2. DEDUCT CISTERN SCREEN
   1.3. DEDUCT: BRICK FROM COURTYARD PATIO.
   1.4. DEDUCT: CUSTOM ACCESSIBLE RAISED PLANTERS
   1.5. ALTERNATE: SALVAGE ALL BOULDERS FROM SITE

---

**SCALE: 1" = 20'**

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May 18, 2021 - 1:44pm

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The Chehalis Tribe
Chehalis Elder Center

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**ARCHITECTS**

ARC Architects
1111 N. zrobeer Ave, Suite 100
Oakville, WA 9863

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The West Studio
www.theweststudio.com
206.519.5690

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BID DOCUMENTS

LANDSCAPE MATERIALS PLAN

L1.11
Rain Garden

Scupper above pump to be provided with locking exterior outlet with switch above grade pipe from cistern to pump. Pipe from pump below grade to hose spigot. Overflow pipe to storm drain.
NORTHINGS/EASTINGS POINT SCHEDULE

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LAYOUT NOTES

1. On-site verification of all dimensions and conditions shall be the responsibility of the general contractor, with dimensions to be provided in their submittal. Levels, grades, and contours shall be 0 0 0
2. Contractor to lay out landscape elements and verify layout with landscape architect prior to construction. Landscape elements are dimensioned on the landscape layout plan. Any discrepancies or conflicts with existing conditions or other drawings shall be resolved to the landscape architect’s satisfaction for the landscape architect’s approval.
3. For dimensions of existing buildings, proposed building improvements, and related work, refer to the architectural drawings.
4. Where dimensions are called to tear, brick, or other referenced items equally, measured to their centers.
5. Measurements and to face of buildings, wall or fixed site improvement. Dimensions to center lines, as indicated.
6. Intersecting elements at 90 degree angles to each other unless otherwise noted.
7. Provide expansion joints where concrete flatwork or brick soldier course meets vertical structures such as walls, columns, steps, and building elements.
8. Design landscape layout to account for expansion joints. No areas of vulnerability shall be 4’ high unless otherwise noted.
9. Expansion joints in concrete shall be located twenty feet of o.c. minimum or as required.
10. All line of inquiry intersections on the plans shall be as indicated on the plans.
11. All northings shall be 4’-0” wide unless otherwise noted.

ALL WALKWAYS SHALL BE 6’-0” WIDE UNLESS OTHERWISE NOTED.

ALL LANDSCAPE LAYOUT PLAN. ANY DISCREPANCIES OR CONFLICTS WITH EXISTING CONDITIONS OR
7.
8.
9.
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11.

LANDSCAPE LAYOUT PLAN. ANY DISCREPANCIES OR CONFLICTS WITH EXISTING CONDITIONS OR
As indicated, the irrigation system includes:

1. Cistern feeds Elder hose spigot, see note 4 for pump.

2. Valve key: MATCHLINE - see sheet L2.01

General notes:

1. See sheet L2.01 for irrigation notes.
2. See sheet L2.10 for irrigation schedules.
GENERAL NOTES:
1. IRRIGATION TO BE AN IN-GROUND TEMPORARY SYSTEM TO BE TURNED OFF AFTER TWO GROWING SEASONS (TWO YEARS).
2. IRRIGATION SYSTEM TO CONNECT TO FIRE LINE AFTER THE FIRE BACKFLOW PREVENTER.
3. VERIFY STATIC WATER PRESSURE AT ROOF PRIOR TO BEGINNING WORK. SUBMIT RESULTS TO THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF WORK. COMBINED AVAILABLE WATER PRESSURE IS SUFFICIENT TO OPERATE SYSTEM EFFECTIVELY. CONTRACTOR SHALL SIZE BOOSTER PUMP (IF NECESSARY) TO ACHIEVE REQUIREMENTS PER CONTRACT DOCUMENTS.
4. CONTRACTOR TO VERIFY THAT SYSTEM COMPLIES WITH LEED REQUIREMENTS PER SPECIFICATION 328400 MAKING ADJUSTMENTS AS REQUIRED.
5. CONTRACTOR TO PROVIDE EXTRA CAUTION WHILE WORKING AROUND (AND WITHIN, IF NECESSARY) THE CRITICAL ROOT ZONE OF EXISTING TREES TO ACHIEVE REQUIREMENTS PER CONTRACT DOCUMENTS.
6. VERIFY STATIC WATER PRESSURE AT POINT OF CONNECTION TO FIRE LINE AFTER THE FIRE BACKFLOW PREVENTER.
7. CONSIDERATION SHOULD BE GIVEN TO A CONTRACTOR TO PROVIDE EXTRA CAUTION WHILE WORKING AROUND (AND WITHIN, IF NECESSARY) THE CRITICAL ROOT ZONE OF EXISTING TREES TO ACHIEVE REQUIREMENTS PER CONTRACT DOCUMENTS.
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CISTERN NOTES:
1. APPROX. CONTRIBUTING ROOF AREA: 3,233 SF
2. CISTERN CAPACITY: 420 GALLONS
3. PURPOSE: ELDER TO BE ABLE TO HAND WATER THEIR ACCESSIBLE PLANTERS.
4. PORTABLE PUMP TO BE PLACED AS SHOWN. PUMP TO BE DISCONNECTED AND STORED INSIDE DURING THE WINTER MONTHS OF NOVEMBER THROUGH APRIL.
5. POTABLE WATER PUMP TO BE PLACED AS SHOWN. PUMP TO BE DISCONNECTED AND STORED INSIDE DURING THE WINTER MONTHS OF NOVEMBER THROUGH APRIL.
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PLANTING PLAN

1. TREE LOCATIONS SHOWN ON PLANTING PLANS ARE APPROXIMATE. IF FIELD ADJUSTMENTS ARE NECESSARY, THE FOLLOWING MINIMUM DISTANCES FOR CLEARANCE OF TREE TRUNKS SHALL APPLY:

   A. DOWNSIDE OF ALLEY (MEASURED FROM EDGE OF DOWNSIDE AT INTERSECTION) MIN. 7’5” (10 FEET RECOMMENDED)
   B. PAVEMENT EDGE WHERE NO CURB EXISTS MIN. 5’
   C. FACE OF CURB MIN. 2’
   D. SIDEWALK OR BESIDE A LANDING MIN. 3’
   E. EXTENSION OF CURB STREET CURB AT ANY INTERSECTION MIN. 2’
   F. STOP SIGN MIN. 10’
   G. UNDERGROUND UTILITY MIN. 3’
   H. UNDERGROUND TAPERED CABLE MIN. 3’
   I. UNDERGROUND FIBER CABLE MIN. 3’
   J. UNDERGROUND HIGH PRESSURE GAS LINES MIN. 20’
   K. UTILITY POLES OR STREET LIGHT MIN. 10’
   L. FIRE HYDRANT MIN. 5’
   M. FACE OF BUILDING OR SITE PAVEMENT MIN. 25’

   ALL PLANTS SUBSTITUTIONS MUST COMPLY WITH EPA LEVEL III ECOREGION PLANT SPECIES AND ARE TO BE CONFIRMED BY LANDSCAPE ARCHITECT.

   ABORIST WOOD CHIP MULCH.
   SHOBN PLANTINGS ATOP BURIED STRUCTURES SHALL BE PLANTED IN A MINIMUM DEPTH OF 30-INCHES OF SPHAGNUM PEAT MOSS.
   LANDSCAPE AREAS SHALL BE SUPPLIED WITH TEMPORARY IRRIGATION FOR A TWO-YEAR (TWO GROWING SEASONS) PLANT ESTABLISHMENT PERIOD USING AN IN-GROUND IRRIGATION SYSTEM.
   LANDSCAPE AREAS TO BE RESTORED IN ALL DISTURBED AREAS.
   UTILITIES SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER.
   THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK AND DISRUPTION OR DAMAGE TO ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE PLANS OR IF THERE ARE DISCREPANCIES BETWEEN THE PLANS, CONTACT THE LANDSCAPE ARCHITECT FOR DIRECTION AS TO HOW TO PROCEED.

   SOURCE OF BASE SHEETS IS ARC ARCHITECTS.
   ADDRESSES TO UTILITY AND GRADE AND DRAINAGE PLANS FOR UTILITY LOCATION AND DRAINAGE INFORMATION. REFER TO CIVIL ENGINEER’S GRADING PLANS FOR GRADING INFORMATION. IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE PLANS OR IF THERE ARE DISCREPANCIES BETWEEN THE PLANS, CONTACT THE LANDSCAPE ARCHITECT FOR DIRECTION AS TO HOW TO PROCEED.

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   3. VERIFY LOCATIONS OF PERTINENT SITE IMPROVEMENTS INSTALLED UNDER OTHER SECTIONS. IF ANY PART OF THIS PLAN CANNOT BE FOLLOWED DUE TO SITE CONDITIONS, CONTACT LANDSCAPE ARCHITECT FOR INSTRUCTIONS PRIOR TO COMMENCING WORK.
   4. SCALE:
   5. ARE TO BE RESTORED IN ALL DISTURBED AREAS.
   6. ANY IMPORTED SOILS MAY NOT INCLUDE THE FOLLOWING:
   7. PAVE PLANTING AREAS TO EXACT LOCATION IN FIELD.
   8. VERIFY PLANT COUNTS AND SQUARE FOOTAGES: QUANTITIES ARE PROVIDED AS OWNER INFORMATION ONLY.
   9. LANDSCAPE ARCHITECT TO REVIEW PLANT MATERIALS AT SOURCE OR BY PHOTOGRAPHS PRIOR TO DIGGING OR SHIPPING OF PLANT MATERIALS.
   10. REMOVE ANY TRUNK WRAP REMAINING AT TIME OF PLANTING. NO WRAPS SHALL BE PLACED ON TRUNK.
   11. REMOVE ANY TRUNK WRAP REMAINING AT TIME OF PLANTING. NO WRAPS SHALL BE PLACED ON TRUNK.
   12. OTHERWISE NOTED.
   13. PRUNING SHALL BE LIMITED TO DEAD, DISEASED, OR BROKEN LIMBS ONLY AND SHALL BE IN ACCORDANCE WITH ANSI A300 SPECIFICATIONS.
   14. LANDSCAPE AREAS TO BE RESTORED IN ALL DISTURBED AREAS.
   15. UTILITIES SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER.
   16. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK AND DISRUPTION OR DAMAGE TO ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE PLANS OR IF THERE ARE DISCREPANCIES BETWEEN THE PLANS, CONTACT THE LANDSCAPE ARCHITECT FOR DIRECTION AS TO HOW TO PROCEED.
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   22. VERIFY LOCATIONS OF PERTINENT SITE IMPROVEMENTS INSTALLED UNDER OTHER SECTIONS. IF ANY PART OF THIS PLAN CANNOT BE FOLLOWED DUE TO SITE CONDITIONS, CONTACT LANDSCAPE ARCHITECT FOR INSTRUCTIONS PRIOR TO COMMENCING WORK.

   THE CHEHALIS TRIBE
   CHEHALIS ELDER CENTER
   NIEDERMAN RD
   OAKVILLE, WA 98568
   www.theweststudio.com
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**PET WASTE PICK UP STATION**

1. **12" x 18" REFLECTIVE ALUMINUM PET WASTE SIGN**
   - Specify dimensions and material
   - Ensure visibility from a distance

2. **SITE FURNISHING ANCHOR**
   - 1 1/8" Dia. Hole for Anchor Bolt
   - 1 1/8" Dia. Molly Bolt
   - Anchor to Concrete Pavement

3. **LX-TRANSFORMER OUTDOOR BRICK**
   - 1/2" Dia. MOLLY BOLT
   - CONC. PAVEMENT

4. **PAW LIGHT POST MOUNT**
   - SITE FURNISHING AN/1 1/2" Dia. Hole for Anchor Bolt
   - 1 1/8" Dia. Molly Bolt
   - CONC. PAVEMENT

**NOTES:**

1. Installation to be completed in accordance with manufacturer's specifications.
2. Accepts 10-15 volts - AC or DC
3. See plan legend for LED Board and accessories.
4. Always refer to FX product installation notes prior to installation.
5. FX LUMINAIRE POST FIXTURE. See plan legend for wattage, beam spread and accessories.
6. For Type Footing.
7. See plan for final installed height.
8. Direct Bury, UF/UL, Copper, Low Voltage Cable with 3M DBR/Y-6 Direct Bury Splice Kit.
10. Site Furnishing Anchor 6" = 1'-0"
NOTES
1. AIR RELIEF VALVE (PLD-AVR) INSTALLED IN VALVE BOX AT OPTIMAL HIGHEST POINT FROM CONTROL ZONE KIT. MULTIPLE AIR RELIEF VALVES MAY BE NEEDED TO ACCOMMODATE DIFFERENCES IN GRADE.
2. ECO-INDICATOR TO BE INSTALLED AT OPTIMAL FURTHEST POINT FROM CONTROL ZONE KIT IN CLEAR VIEW WHEN POPPED UP.
3. FLUSH POINT TO BE INSTALLED AT OPTIMAL FURTHEST POINT FROM CONTROL ZONE KIT TO ALLOW FOR MAXIMUM DEBRIS FLUSH IN SYSTEM.

HUNTER DRIPLINE (HDL) PER PLAN
1. PVC TO DRIPLINE TUBING CONNECTION (PLD OR PLD-LOC FITTINGS) TYP.
2. PVC LATERAL LINE
3. PVC SUPPLY HEADER - SIZE PER PLAN

LEGEND:
1. AIR RELIEF VALVE (PLD-AVR) INSTALLED IN Valve BOX AT OPTIMAL HIGHEST POINT FROM CONTROL ZONE KIT. MULTIPLE AIR RELIEF VALVES MAY BE NEEDED TO ACCOMMODATE DIFFERENCES IN GRADE.
2. ECO-INDICATOR TO BE INSTALLED AT OPTIMAL FURTHEST POINT FROM CONTROL ZONE KIT IN CLEAR VIEW WHEN POPPED UP.
3. FLUSH POINT TO BE INSTALLED AT OPTIMAL FURTHEST POINT FROM CONTROL ZONE KIT TO ALLOW FOR MAXIMUM DEBRIS FLUSH IN SYSTEM.

HUNTER DRIPLINE - CONNECTION WITH DRIPLINE AND TEE
1. PVC SUPPLY HEADER - SIZE PER PLAN
2. PVC LATERAL LINE
3. PVC TEE
4. PVC DRIPLINE FITTING

LEGEND:
1. PVC TEE
2. PVC DRIPLINE FITTING
3. PVC SUPPLY HEADER - SIZE PER PLAN
4. PVC LATERAL LINE
5. PVC DRIPLINE FITTING
ELDER'S CENTER FISH PIT DESCRIPTION (AS INTERPRETED FROM TRIBAL ELDERS LOCATION)

Building size should be no less than 16' X 28' over slab on grade with fine broom finish and a slight slope for water run off to the perimeter short walls. This structure should be 20' minimum from the main building, see landscape/civil plans for exact location.

Exterior short walls shall be 40” tall, sided 1x8 Cedar #2 or better stained to enhance natural cedar tones. Top of the wall shall have a continuous 12” wide top cap to serve as a place for dinner plates prior to sitting to eat. While the fish is cooking, community members like to visit with the cooks perhaps help and socialize this is culturally very important. Please allow for 17” H X 12” W bench seating on two sides of the interior side of the wall, both to consist of 8’ long. The sketch shows using ash or other hardwood, as it is preferred around the fires because of its resistance to fire. Rafters and collar ties and structural webbing should be peeled hardwood poles also. Roofing material shall match the main building in color/style.

Fish pit rocks, tribal members have always collected rocks from the riverbed but the moisture content in them causes some to pop or even explode and perhaps shooting hot fragments at people. Pit run material has less of a moisture content. Elders as children were taught to gather 6” to 8” rocks for the fire pit, they do not have to be uniform but oval to round without jagged sides, the old way says they cannot have divots but be fairly smooth.

The clam pit should be about 48” in diameter, the rocks are heated and mounded up, the clams are added on top and covered with wet gunnysacks or woven cedar bark, this steams them to plate ready. These rocks are smaller 2” to 4” in diameter. See mechanical drawings for an added ¾” yard hydrant and associated 3/4” water line just outside an exterior wall to extinguish all fires and for hose down cleanup. See electrical drawings for a 20a electrical circuit for overhead lighting & 2 receptacles.
12" ASH BEAM

12" OPEN ROOF VENT FOR SMOKE ESCAPE

5" ASH ROOF RAFTERS
BARK REMOVAL TYPICAL
ALL ASH MEMBERS

12" ASH POLE

6-8" ASH RIDGE BRACE

5" ASH RAFTER POLES
ENCLOSE GABLE EACH END W/ BOARD AND BATTEN
MATCHING LOWER WALLS

12" ASH COLLAR TIE

6" ASH POLE BRACE

12" ASH BEAM

12" ASH LOG W/ BARK REMOVAL TYPICAL ALL

3" X 12" TIGHT KNOT CEDAR WOOD TOP

4" CONCRETE SLAB FLOOR
WITH THICKENED EDGES
AROUND PERIMETER OF SLAB
FINE GROUT FINISH W/ 1/4 SLOPE
TOWARDS PERIMETER WALLS

5/8" MINUS GRAVEL COMPACTED
IN 6" LIFTS AROUND EACH ASH POST
FROM TOP OF CONCRETE PUNCH PAD
TO BOTTOM OF SLAB

1 X 8 CEDAR TIGHT KNOT (CTK)
BOARD AND 1 X 3 TK BATTEN
SIDING TIGHT TO BOTTOM

ALL ASH POST TYPICAL CONSTRUCTION
TREAT BOTTOM 2" 6" AND BOTTOM
OF ASH POST WITH APPROVED
DIRECT CONTACT WOOD PRESERVATIVE
SOAK THE END OF THE POST FOR
2 HOURS MINIMUM TO SETTING POST

6" CONCRETE PUNCH PAD

2" OF
TYPICAL ASH CEMENT
ROOF FRAMING

18" FROM TOP OF SHEATHING TO RIDGE PEAK

1 X 6 SPACED SHEATHING

TYPICAL ALL 6" ASH POLES

TYPICAL END POST & CENTER POST BOTH SIDES

12" RIDGE BEAM

16" RIDGE

PEAK LINE OF ROOF OVERHANG

10" C.C.