## COOK INLET HOUSING AUTHORITY
### OLD MATANUSKA TOWNHOUSE DEVELOPMENT- PHASE 1
### UNIT GROUP 2A/2B
### E OLD MATANUSKA RD
### WASILLA, ALASKA

### PERMIT DOCUMENTS

<table>
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<tr>
<th>CONTACT INFORMATION</th>
<th>08.07.2020</th>
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<tr>
<td><strong>OWNER</strong></td>
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<tr>
<td>YENLO II LIMITED PARTNERSHIP</td>
<td>1073 S CHECK STREET #102</td>
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<td>p. (907) 357-0256</td>
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<td><strong>ARCHITECTURAL</strong></td>
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<tr>
<td>SPARK DESIGN, LLC</td>
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<td>p. (907) 344-3424</td>
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<td><strong>CIVIL ENGINEERING</strong></td>
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<tr>
<td>THE BOUTET COMPANY, INC</td>
<td>601 E 57TH STREET, SUITE 102</td>
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<td>p. (907) 522-6776</td>
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<td><strong>MECHANICAL ENGINEERING</strong></td>
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<td>T3 ALASKA, LLC</td>
<td>301 CALISTA COURT, SUITE 100</td>
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<td>p. (907) 865-7900</td>
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<td><strong>ELECTRICAL ENGINEERING</strong></td>
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<td>T3 ALASKA, LLC</td>
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<td><strong>STRUCTURAL ENGINEERING</strong></td>
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<td>PND ENGINEERS, INC</td>
<td>1506 W 36TH AVENUE</td>
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<td><strong>LANDSCAPE DESIGN</strong></td>
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<td>HUDDE AK</td>
<td>721 W 1ST AVENUE, SUITE 100</td>
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<td><strong>ENERGY CONSULTANT</strong></td>
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<td>HORIZONS, LLC</td>
<td>10900 CORRIE WAY</td>
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<td>p. (907) 250-9729</td>
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R302.10.5 TESTING.

R302.10.4 EXPOSED ATTIC INSULATION.

SHALL BE EXCLUSIVE OF CARPETS, RUGS OR RUNNERS.

EXCEPTION 3.

R311.7.1 WIDTH.

REQUIRED BY THIS SECTION SHALL BE OBTAINED BY THE NORMAL OPERATION OF THE EMERGENCY ESCAPE AND RESCUE OPENING FROM INSIDE. EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL OPEN THE 10-FOOT HORIZONTAL FIREBLOCKING IN WALLS CONSTRUCTED USING PARALLEL ROWS OF STUDS OR STAGGERED STUDS.

EXCEPTION 2.

2.3. BY PROTECTING BOTH BOXES WITH LISTED PUTTY PADS; OR

2.1. BY THE HORIZONTAL DISTANCE SPECIFIED IN THE LISTING OF THE ELECTRICAL BOXES;

NOT APPLY TO GARAGE WALLS THAT ARE PERPENDICULAR TO THE ADJACENT DWELLING UNIT WALL.

R302.9.2 SMOKE-DEVELOPED INDEX.

R302.9.1 FLAME SPREAD INDEX.

R314.4 INTERCONNECTION.

CONSTRUCTED AS SPECIFIED IN SECTION R302.12.1 IS PROVIDED ABOVE AND ALONG THE WALL ASSEMBLY SEPARATING THE DWELLINGS. THE STRUCTURAL FRAMING SUPPORTING THE CEILING SHALL ALSO BE INSTALLED SO THAT THE REQUIRED FIRE-RESISTANCE RATING WILL NOT BE REDUCED.

R302.4.2 MEMBRANE PENETRATIONS.

IN BUILDINGS OF TYPE III, IV AND V CONSTRUCTION, WALLS SHALL BE PERMITTED TO TERMINATE AT THE UNDERSIDE OF COMBUSTIBLE ROOF SHEATHING OR DECKS, PROVIDED:

4.3.THE ROOF SHEATHING OR DECK IS CONSTRUCTED OF FIRE-RETARDANT-TREATED WOOD FOR A DISTANCE OF 4 FEET (1220 MM) ON BOTH SIDES OF THE WALL OR THE ROOF IS ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF (2:12) OR GREATER. FOR ROOF SLOPES FROM (2:12) TO (4:12), UNDERLAYMENT APPLICATION IS REQUIRED PER R905.2.7 BELOW.

ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF (2:12) OR GREATER. FOR ROOF SLOPES FROM (2:12) TO (4:12), UNDERLAYMENT APPLICATION IS REQUIRED PER R905.2.7 BELOW.

R302.8 FOAM PLASTICS.

R316.4 SUBJECT TO PENETRATION REQUIREMENTS IN SECTION R316.5 PENETRATIONS FOR FOAM PLASTICS SHALL BE PERMITTED TO BE SPRAY APPLIED TO A SILL PLATE AND HEADER WITHOUT THE THERMAL BARRIER SPECIFIED IN SECTION R316.2 SUBJECT TO THE FOLLOWING CONDITIONS:

3. THE FOAM PLASTIC SHALL HAVE A FLAME SPREAD INDEX OF 25 OR LESS AND AN ACCOMPANYING SMOKE-DEVELOPED INDEX OF 450 OR LESS WHEN TESTED IN ACCORDANCE WITH ASTM E84 OR UL 263.

1. THE MAXIMUM THICKNESS OF THE FOAM PLASTIC SHALL BE 3 ¼-INCHES.

2. AT LEAST 40% AND NOT MORE THAN 50% OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC OR RAFTER SPACE. UPPER VENTILATORS SHALL BE LOCATED NO MORE THAN 3 FEET BELOW THE RIDGE OR HIGHEST POINT OF THE PITCH.

R317.1 LOCATION REQUIRED.

VENTILATING AREA SHALL BE PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE. UPPER VENTILATORS SHALL BE LOCATED NO MORE THAN 3 FEET BELOW THE RIDGE OR HIGHEST POINT OF THE PITCH.

R312.1.2 HEIGHT.

LANDINGS OR FLOORS AT THE REQUIRED EGRESS DOOR SHALL NOT BE MORE THAN 1 ½" LOWER THAN THE TOP OF THE THRESHOLD.

R312 GUARDS

R905.2.3 UNDERLAYMENT.

EXCEPT AS PROVIDED IN SECTION R302.11, ITEM 4, FIREBLOCKING SHALL CONSIST OF THE FOLLOWING MATERIALS (REFER TO IRC FOR LIST OF ITEMS).

PENETRATIONS SHALL BE PROTECTED BY AN APPROVED PENETRATION FIRESTOP SYSTEM.

PENETRATIONS SHALL BE INSTALLED AS TESTED IN THE APPROVED FIRE-RESISTANCE-RATED ASSEMBLY.

R905.2.4 ACCESS

THE CONSTRUCTION OF MINIMUM SIZE, THE WARNING DEVICE MAY BE LOCATED IN CLOSETS WITH MINIMUM DEPTH OF 20 INCHES AND MINIMUM WIDTH OF 24 INCHES.

R905.2.11.5 U.S.C. FOR WEST VIRGINIA RESIDENTIAL MANAGEMENT.

R706.4 FIRE-RESISTANCE RATING.

TEMPERATURE FIRE CONDITIONS UNDER A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 INCH (2.49 PA) OF WATER AT THE LOCATION OF THE PENETRATION FOR THE TIME PERIOD EQUIVALENT TO THE TIME PERIOD REQUIRED FOR THE INTENDED USE OF THE PENETRATION.

R714.4.1.2 THROUGH-PENETRATION FIRESTOP SYSTEM.

THE MATERIAL USED TO FILL THE ANNULAR SPACE SHALL PREVENT THE PASSAGE OF FLAME AND HOT GASES SUFFICIENT TO IGNITE COTTON WASTE WHEN SUBJECTED TO ASTM E 119 OR UL 263 TIME-TEMPERATURE FIRE CONDITIONS UNDER A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 INCH (2.49 PA) OF WATER AT THE LOCATION OF THE PENETRATION FOR THE TIME PERIOD EQUIVALENT TO THE TIME PERIOD REQUIRED FOR THE INTENDED USE OF THE PENETRATION.

R714.4.1 THROUGH-PENETRATION FIRESTOP SYSTEM.

FIRE-RATED TREATMENT MAYS BE APPLIED TO THE INTERIOR SURFACE OF THE WALL ADJACENT TO THE LOCATION IN WHICH THE PENETRATION FIRESTOP SYSTEM IS INSTALLED.

R311.7.2 SILL PLATE.

IN GENERAL, THE INTERNAL SILL PLATE OF A DOOR OR WINDOW SHALL BE CONSTRUCTED OF 1-1/2 INCH THICK, MILLFINISHED IRON OR STEEL."
LIFE SAFETY PLAN NOTES

1. FIRE STOP PENETRATIONS THROUGH RATED MEMBERS.
2. GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL FIRE STOP PENETRATIONS IN ACCORDANCE WITH APPLICABLE CODES AND AMENDMENTS.
3. ALL STAIRS SHALL BE CONSTRUCTED TO DIMENSIONS SHOWN AND TO NOT LESS THAN 36" CLEAR WIDTH.

LIFE SAFETY LEGEND

- 2-HOUR FIRE WALL
- 1-HOUR FIRE RESISTANCE RATED CONSTRUCTION
- BUILDING EXIT
- WALL MOUNTED FIRE EXTINGUISHER: TYPE 2A10BC
- CLASS A ROOF, COVERED WITH FIRE RETARDANT TREATED WOOD SHEETING OR A DISTANCE OF 4 FEET EACH SIDE OF FIRE WALL.
- MECHANICAL PENETRATION NOT PERMITTED IN THIS ZONE.
- ACCESSIBLE SPACE UNDER STAIRS SHALL HAVE WALLS, UNDERSTAIR SURFACES AND ANY SOFFITS PROTECTED ON THE ENCLOSED SIDE WITH 5/8" TYPE 'X' GYPSUM BOARD.
- 1-HOUR RATED FLOOR/CEILING PROJECTION FOR A DISTANCE OF 4 FEET EACH SIDE OF FIRE WALL.

FIRE STOP PENETRATIONS THROUGH RATED ASSEMBLIES.
GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL FIRE EXTINGUISHERS IN ACCORDANCE WITH APPLICABLE CODES AND AMENDMENTS.

1. 2-HOUR FIRE WALL
2. 1-HOUR FIRE RESISTANCE RATED CONSTRUCTION
3. BUILDING EXIT
4. WALL MOUNTED FIRE EXTINGUISHER: TYPE 2A10BC
5. CLASS A ROOF, COVERED WITH FIRE RETARDANT TREATED WOOD SHEETING OR A DISTANCE OF 4 FEET EACH SIDE OF FIRE WALL.
6. MECHANICAL PENETRATION NOT PERMITTED IN THIS ZONE.
7. ACCESSIBLE SPACE UNDER STAIRS SHALL HAVE WALLS, UNDERSTAIR SURFACES AND ANY SOFFITS PROTECTED ON THE ENCLOSED SIDE WITH 5/8" TYPE 'X' GYPSUM BOARD.
8. 1-HOUR RATED FLOOR/CEILING PROJECTION FOR A DISTANCE OF 4 FEET EACH SIDE OF FIRE WALL.

JOB NO. 08.07.2020
DATE 08.07.2020
DRAWN 08.07.2020
REVIEWED 08.07.2020
SHEET NO. 08.07.2020
SHEET NAME 08.07.2020

SPARK DESIGN, LLC #AECL1394
HALF SCALE WHEN PRINTED AT 11x17

LIFE SAFETY PLANS

LEVEL 1

LEVEL 2

LEVEL 3

ROOF

UNIT GROUP 2A/2B

OLD MATANUSKA TOWNHOUSE DEVELOPMENT
PHASE 1

PERMIT DOCUMENTS

VALLEY RESIDENTIAL SERVICES

RPM

LEVEL 1

LEVEL 2

LEVEL 3

ROOF
**LANDSCAPE CODE NOTES**

1. ALL PLANT MATERIAL SHALL CONFORM TO AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1 (LATEST EDITION).
2. CONSTRUCTION SHALL BE CONSISTENT WITH THE LATEST VERSION OF MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS (M.A.S.S.) E85.0 (LATEST EDITION). THE CONTRACTOR SHALL HAVE ADEQUATE STORAGE SPACE FOR PLANT MATERIAL PRIOR TO THE SITE BEING READY FOR INSTALLATION. PLANT MATERIAL SHALL BE MAINTAINED AND WATERED THOROUGHLY PRIOR TO INSTALLATION.
3. NOTIFY THE OWNERS REPRESENTATIVE FOR INSPECTION OF ALL TREES, SHRUBS, AND PERENNIALS PRIOR TO INSTALLATION.
4. ALL PLANT MATERIAL SHALL CONFORM TO AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1 (LATEST EDITION). PLANT MATERIALS TO RECEIVE 3" SHREDDED BARK MULCH AT THREE INCH DEPTH.
5. INSTALL IN PLANTING BEDS AS CALLED OUT ON PLANS.
6. INSTALLED IN PLANTING BEDS AS CALLED OUT ON PLANS. INSTALL IN PLANTING BEDS AS CALLED OUT ON PLANS.
8. CONTRACTOR SHALL CALL THE LOCAL UTILITY LOCATOR TO VERIFY UNDERGROUND UTILITY LOCATIONS PRIOR TO DIGGING. CONTRACTOR IS RESPONSIBLE FOR ANY UNDERGROUND UTILITY DAMAGE.
9. ALL SURFACE DISTURBANCE RELATED TO THIS PROJECT SHALL BE RESTORED WITH 4" TOPSOIL AND M.A.S.S. SPECIFICATIONS (M.A.S.S.).
10. ALL PLANTING BEDS SHALL RECEIVE 18" DEPTH TOPSOIL THROUGHOUT BEDS.
11. ALL PLANTING BEDS SHALL RECEIVE 3" SHREDDED BARK MULCH AT THREE INCH DEPTH.
12. DIGGING. CONTRACTOR IS RESPONSIBLE FOR ANY UNDERGROUND UTILITY DAMAGE.
13. NOTIFY THE OWNER'S REPRESENTATIVE FOR INSPECTION OF ALL TREES, SHRUBS, AND PERENNIALS PRIOR TO INSTALLATION.
14. ALL SEEDED AREAS TO RECEIVE 4" OF TOPSOIL.
15. ALL PLANT MATERIAL SHALL CONFORM TO AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1 (LATEST EDITION).
16. DIGGING. CONTRACTOR IS RESPONSIBLE FOR ANY UNDERGROUND UTILITY DAMAGE.
17. THE CONTRACTOR SHALL HAVE ADEQUATE STORAGE SPACE FOR PLANT MATERIAL PRIOR TO THE SITE BEING READY FOR INSTALLATION. PLANT MATERIAL SHALL BE MAINTAINED AND WATERED THOROUGHLY PRIOR TO INSTALLATION.
18. INSTALLED IN PLANTING BEDS AS CALLED OUT ON PLANS.
DECIDUOUS TREE PLANTING

- Plant tree with trunk flare visible at finished grade. Do not cover top of rootball with soil.
- Lightly tamp soil around the root ball in 6" lifts to brace tree. Do not over compact.
- When the planting hole has been backfilled, pour water around the root ball to settle the soil.
- Adjacent surface per planting plan. Keep material 3" clear of trunk flare.
- Place rootball on un-excavated or compacted mound to prevent settlement.
- Round-topped soil berm 4" high 8' wide above rootball surface shall be constructed around the rootball. Berm shall begin at rootball periphery.
- Planting pit shall be three times the diameter of the rootball.
- Backfill with topsoil.
- 2x2 wood stakes (3 total) embedded 6" into undisturbed soil and extending 6" above tree ties. Remove once warranty period is complete.
- Ties shall be of a soft material and flexible. Ties around trunk shall be loose.

PERENNIAL PLANTING

- Remove burlap, wire baskets and pots. Mulch per planting plan. 3" depth throughout planting bed. Keep mulch 3" away from stems. Depth varies depending on rootball depth. Plant with root crown at soil surface.
- Lightly tamp soil around the root ball in 6" lifts to brace shrub. Do not over compact.
- When the planting hole has been backfilled, pour water around the root ball to settle the soil.
- Backfill with topsoil.

SHRUB PLANTING

- Remove burlap, wire baskets and pots. Mulch per planting plan. 3" depth throughout planting bed. Keep mulch 3" away from stems. Depth varies depending on rootball depth. Plant with root crown at soil surface.
- Lightly tamp soil around the root ball in 6" lifts to brace shrub. Do not over compact.
- When the planting hole has been backfilled, pour water around the root ball to settle the soil.
- Backfill with topsoil.

MOOSE PROTECTION FENCE

- 8' long 2.38" diameter steel galvanized fence posts. Four per tree. Top 4" of post with top rail eye loop cap to tie in mesh and prevent mesh from sliding.
- Welded wire mesh, zinc-coated. 2"x4" openings. 14 gauge. 12' x 10' posts with metal fence ties.
GENERAL NOTES

1. REFERENCE G2.00 FOR WALL ASSEMBLIES AND NOTES.

2. REFERENCE A5.00 FOR DOOR SCHEDULE AND NOTES.

3. ALL DIMENSIONS ARE TO FACE OF STUD OF NEW CONSTRUCTION, FACE OF FINISH FOR FINISHES.

4. PLATFORM TO BE 42" x 72".

5. PLATFORM TO BE CONSTRUCTED OF PRESSURE TREATED LUMBER WITH 3/4" PLYWOOD DECKING.

6. PLATFORMS TO HAVE 18" AFF PLATFORM TO CLOSETS, AND PANTRIES TO RECEIVE (5) FIXED WOOD SHELVES PAINTED P1.

7. PLATFORMS TO RECEIVE CLOSET ROD AND SHELF. ALL LINEN CLOSETS, STORAGE CABINET(S) IN ACCORDANCE WITH APPLICABLE CODES AND AMENDMENTS.

8. PLATFORMS TO RECEIVE CLOSET ROD AND SHELF. ALL LINEN CLOSETS, STORAGE CABINET(S) IN ACCORDANCE WITH APPLICABLE CODES AND AMENDMENTS.

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15. PLATFORMS TO RECEIVE CLOSET ROD AND SHELF. ALL LINEN CLOSETS, STORAGE CABINET(S) IN ACCORDANCE WITH APPLICABLE CODES AND AMENDMENTS.
DIMENSIONS ON REFLECTED CEILING PLANS ARE FROM FACE -OF-FINISH TO FACE -OF-FINISH, UNLESS OTHERWISE NOTED.

ALL CEILING MOUNTED ITEMS LOCATED IN A GWB CEILING SHALL BE PAINTED TO MATCH CEILING PAINT COLOR.

REFERENCE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL CEILING MOUNTED DEVICES. GENERAL CONTRACTOR SHALL COORDINATE CEILING REQUIREMENTS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.

CENTER LIGHT FIXTURES IN ROOM, CEILING, OR SOFFIT UNLESS OTHERWISE NOTED.

CENTER VANITY LIGHTS OVER MIRROR, UNLESS OTHERWISE NOTED.

COORDINATE GARAGE LIGHTING LAYOUT WITH OVERHEAD SECTIONAL DOORS.

GENERAL NOTES

1. DIMENSIONS ON REFLECTED CEILING PLANS ARE FROM FACE -OF-FINISH TO FACE -OF-FINISH, UNLESS OTHERWISE NOTED.

2. ALL CEILING MOUNTED ITEMS LOCATED IN A GWB CEILING SHALL BE PAINTED TO MATCH CEILING PAINT COLOR.

3. CENTER LIGHT FIXTURES IN ROOM, CEILING, OR SOFFIT UNLESS OTHERWISE NOTED.

4. CENTER VANITY LIGHTS OVER MIRROR, UNLESS OTHERWISE NOTED.

5. COORDINATE GARAGE LIGHTING LAYOUT WITH OVERHEAD SECTIONAL DOORS.

RCP LEGEND

- PARTITION
- GWB CEILING OR SOFFIT, P1
- GWB CEILING AT UNDERSIDE OF TYPE 'F1' FLOOR / CEILING ASSEMBLY
- EXTERIOR SOFFIT AT UNDERSIDE OF TYPE 'F2' FLOOR / CEILING ASSEMBLY
- GWB SOFFIT
- 8" - 12" CEILING HEIGHT
- GC: GIBERCECE

(UNIT GROUP 2A/2B)
GENERAL NOTES
1. DIMENSIONS ON REFLECTED CEILING PLANS ARE FROM FACE OF FINISH TO FACE OF FINISH, UNLESS OTHERWISE NOTED.
2. ALL VENTS REQUIRED TO BE LOCATED IN A SOFFIT CEILING SHALL BE PAINTED TO MATCH CEILING PAINT COLOR.
3. LIGHT FIXTURES AND VENTS REQUIRED TO BE PAINTED TO MATCH CEILING PAINT COLOR.
4. CENTER LIGHT FIXTURES IN ROOM, CEILING, OR SOFFIT UNLESS OTHERWISE NOTED.
5. CENTER VANITY LIGHTS OVER MIRROR, UNLESS OTHERWISE NOTED.
6. COORDINATE GARAGE LIGHTING LAYOUT WITH OVERHEAD SECTIONAL DOORS.

RCP LEGEND
- WALLS
- CEILING AT UNEBRIDE OF TYPE 'F1' FLOOR / CEILING ASSEMBLY
- INTERIOR SOFFIT AT UNDERSIDE OF TYPE 'F1' FLOOR / CEILING ASSEMBLY
- EXTERIOR SOFFIT
- CEILING HEIGHT
- ATTIC ACCESS
- 22" x 30" ROUGH FRAMING OPENING

PARTITION
GWB CEILING OR SOFFIT, P1

CEILING HEIGHT
X'-X"

GWB CEILING AT UNDERSIDE OF TYPE 'F1' FLOOR / CEILING ASSEMBLY

TEW3 SOFFIT
(BUILDING ORIENTATION PER KEY SITE PLAN)

ATTIC ACCESS
(22" x 30" ROUGH FRAMING OPENING)

DIMENSIONS ON REFLECTED CEILING PLANS ARE FROM FACE OF FINISH TO FACE OF FINISH, UNLESS OTHERWISE NOTED.

REFERENCE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL CEILING MOUNTED DEVICES. GENERAL CONTRACTOR SHALL COORDINATE CEILING REQUIREMENTS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.

CENTER LIGHT FIXTURES IN ROOM, CEILING, OR SOFFIT UNLESS OTHERWISE NOTED.
CENTER VANITY LIGHTS OVER MIRROR, UNLESS OTHERWISE NOTED.
COORDINATE GARAGE LIGHTING LAYOUT WITH OVERHEAD SECTIONAL DOORS.

PARTITION
GWB CEILING OR SOFFIT, P1

CEILING HEIGHT
X'-X"

GWB CEILING AT UNDERSIDE OF TYPE 'F1' FLOOR / CEILING ASSEMBLY

TEW3 SOFFIT
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CENTER VANITY LIGHTS OVER MIRROR, UNLESS OTHERWISE NOTED.
COORDINATE GARAGE LIGHTING LAYOUT WITH OVERHEAD SECTIONAL DOORS.

PARTITION
GWB CEILING OR SOFFIT, P1

CEILING HEIGHT
X'-X"

GWB CEILING AT UNDERSIDE OF TYPE 'F1' FLOOR / CEILING ASSEMBLY

TEW3 SOFFIT
(BUILDING ORIENTATION PER KEY SITE PLAN)

ATTIC ACCESS
(22" x 30" ROUGH FRAMING OPENING)

DIMENSIONS ON REFLECTED CEILING PLANS ARE FROM FACE OF FINISH TO FACE OF FINISH, UNLESS OTHERWISE NOTED.

REFERENCE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL CEILING MOUNTED DEVICES. GENERAL CONTRACTOR SHALL COORDINATE CEILING REQUIREMENTS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.

CENTER LIGHT FIXTURES IN ROOM, CEILING, OR SOFFIT UNLESS OTHERWISE NOTED.
CENTER VANITY LIGHTS OVER MIRROR, UNLESS OTHERWISE NOTED.
COORDINATE GARAGE LIGHTING LAYOUT WITH OVERHEAD SECTIONAL DOORS.

PARTITION
GWB CEILING OR SOFFIT, P1

CEILING HEIGHT
X'-X"

GWB CEILING AT UNDERSIDE OF TYPE 'F1' FLOOR / CEILING ASSEMBLY

TEW3 SOFFIT
(BUILDING ORIENTATION PER KEY SITE PLAN)

ATTIC ACCESS
(22" x 30" ROUGH FRAMING OPENING)
GENERAL NOTES

1. DIMENSIONS ON REFLECTED CEILING PLANS ARE FROM FACE OF FINISH TO FACE OF FINISH, UNLESS OTHERWISE NOTED.

2. ALL CEILING MOUNTED ITEMS LOCATED IN A GWB CEILING SHALL BE PAINTED TO MATCH CEILING PAINT COLOR.

3. GENERAL CONTRACTOR SHALL COORDINATE CEILING REQUIREMENTS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.

4. CENTER LIGHT FIXTURES IN ROOM, CEILING, OR SOFFIT UNLESS OTHERWISE NOTED.

5. CENTER VANITY LIGHTS OVER MIRROR, UNLESS OTHERWISE NOTED.

6. COORDINATE GARAGE LIGHTING LAYOUT WITH OVERHEAD SECTIONAL DOORS.

RCP LEGEND

- PARTITION
- GWB CEILING OR SOFFIT, P1
- GWB CEILING AT UNDERSIDE OF TYPE 'F1' FLOOR / CEILING ASSEMBLY
- SOFFIT AT UNDERSIDE OF TYPE 'F2' FLOOR / CEILING ASSEMBLY
- GROSS SOFFIT
- 1'-0" CEILING HEIGHT
- ATTIC ACCESS
- 22" x 30" ROUGH FRAMING OPENING

CENTER LIGHT FIXTURES IN ROOM, CEILING, OR SOFFIT UNLESS OTHERWISE NOTED.

CENTER VANITY LIGHTS OVER MIRROR, UNLESS OTHERWISE NOTED.

COORDINATE GARAGE LIGHTING LAYOUT WITH OVERHEAD SECTIONAL DOORS.
GENERAL NOTES

1. ALL SINGLE MEMBRANE ROOFS SHALL SLOPE AT A MINIMUM OF 1/4" PER FOOT.

2. AT ELBOWS, PROVIDE THE FOLLOWING VENTILATION AT THE HIGH AND LOW EAVES:
   • 2" CONTINUOUS VENT WITH INSECT SCREEN IN SOFFIT.
   • (5) EVENLY SPACED 2" DIAMETER VENTILATION HOLES THROUGH STRUCTURAL BLOCKING AT EACH ELBOW. CENTER HOLES 2 1/2" FROM TOP EDGE OF BLOCKING.

3. PROVIDE STYLE B (OR SIMILAR) ALUMINUM GUTTERS AND SQUARE SMOOTH DOWNSPOUTS AT ALL SLOPED ROOFS. PROVIDE SAMPLES OF AVAILABLE FACTORY APPLIED FINISHES FOR SELECTION AND APPROVAL. PROVIDE CONCRETE SPLASH BLOCK AT TERMINATIONS.

GENERAL LEGEND

- ROOF ASSEMBLY R1 PER G2.00
- ROOF ASSEMBLY R2 PER G2.00
- PARAPET
- COMBINATION ROOF / OVERFLOW DRAIN
- VENT THROUGH ROOF, IMPERF TO MECHANICAL
GENERAL NOTES
1. REFER TO CAD FOR EXTERIOR MATERIALS AND COORDINATING PAINT TRIM COLORS.
2. EXHAUST DUCTS SHALL TERMINATE NOT LESS THAN 3 FEET IN ANY DIRECTION FROM OPENINGS INTO THE BUILDING.

EXTERIOR ELEVATION LEGEND
- TEN
- MTF
- PLI
- TEN PARAPET / UPRIGHT SUPPORT

EXTERIOR ELEVATION LEGEND
- TEW1
- MP1
- PLP2

GENERAL NOTES
1. REFER TO CAD FOR EXTERIOR MATERIALS AND COORDINATING PAINT TRIM COLORS.
2. EXHAUST DUCTS SHALL TERMINATE NOT LESS THAN 3 FEET IN ANY DIRECTION FROM OPENINGS INTO THE BUILDING.
2-WALL SECTION A.2 - LIVING

2-WALL SECTION C.2 - ENTRY CANOPY

LEVEL 1
0' - 0"

LEVEL 2
9' - 6"

LEVEL 3
19' - 0"

A.2
B.2
C.2
D.2

ENTRY DOOR
SIDEWALK, REFER TO CIVIL FOUNDATION AND PERIMETER INSULATION, REFER TO STRUCT

PREFINISHED METAL PARAPET CAP OVER BUILT-UP CURB
WOOD BLOCKING, REFER TO STRUCT
PROVIDE VENTILATION PER A1.20

CONTINUOUS FASCIA BOARD
PREFINISHED GALVANIZED METAL FLASHING

A6.03
C1
R2
F1

2' - 0"

VINYL WINDOW
FILL VOID W/ CLOSED CELL SPRAY FOAM INSULATION

2-B.1 - ENTRY

HALF SCALE WHEN PRINTED AT 11x17

CERTIFICATE OF AUTHORIZATION NO:
SPARK DESIGN, LLC #AECL1394

UNIT GROUP 2A/2B
### Door Basis of Design:

- **Type A:** Single-Swing Door Basis of Design
  - Manufacturer: Therma-Tru
  - Finish: Charcoal 2010 Flush Panel
  - Style: 2010 Flush Panel
  - **Notes:** Ready to paint, requires field finish.

- **Type B:** Single-Swing Door Basis of Design
  - Manufacturer: Therma-Tru
  - Finish: Smooth Star Flush Panel
  - Style: Smooth Star Flush Panel
  - **Notes:** Requires field finish, requires field finish.

- **Type C:** Single-Swing Door Basis of Design
  - Manufacturer: Therma-Tru
  - Finish: Smooth Star Flush Panel
  - Style: Smooth Star Flush Panel
  - **Notes:** Requires field finish, requires field finish.

### Hardware Basis of Design:

<table>
<thead>
<tr>
<th>Hardware</th>
<th>Manufacturer</th>
<th>Model</th>
<th>Style</th>
<th>Finish</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Lockset</td>
<td>Therma-Tru</td>
<td>012345</td>
<td>012345</td>
<td>Ready to paint</td>
<td>Requires field finish.</td>
</tr>
<tr>
<td>2. Deadbolt</td>
<td>Therma-Tru</td>
<td>012345</td>
<td>012345</td>
<td>Ready to paint</td>
<td>Requires field finish.</td>
</tr>
<tr>
<td>3. Hinges</td>
<td>Therma-Tru</td>
<td>012345</td>
<td>012345</td>
<td>Ready to paint</td>
<td>Requires field finish.</td>
</tr>
</tbody>
</table>

### Door Types

- **Type A:** Single-Swing Door Basis of Design
  - Manufacturer: Therma-Tru
  - Finish: Charcoal 2010 Flush Panel
  - Style: 2010 Flush Panel
  - **Notes:** Ready to paint, requires field finish.

- **Type B:** Single-Swing Door Basis of Design
  - Manufacturer: Therma-Tru
  - Finish: Smooth Star Flush Panel
  - Style: Smooth Star Flush Panel
  - **Notes:** Requires field finish, requires field finish.

- **Type C:** Single-Swing Door Basis of Design
  - Manufacturer: Therma-Tru
  - Finish: Smooth Star Flush Panel
  - Style: Smooth Star Flush Panel
  - **Notes:** Requires field finish, requires field finish.
WINDOW BASIS OF DESIGN

Basis of Design: Manufacturer - Capital Glass or Equal

Style: Northern Window or Equal

Glass:
- IG1: Insulated Glazing (U-Value ≤ 0.26 Min)
- IG2: Insulated Safety Glazing

Screen:
- Fiberglass Mesh, White Trim

Window Notes:
1. Bedroom Windows: Emergency Escape and Rescue Windows shall have the following:
   - Opening shall not be greater than 44 inches measured from the floor per R310.1.
   - Minimum net clear area of 5.7 square feet per R310.1.1.
   - Minimum net clear opening height of 24 inches per IRC Section R310.1.2.
   - Minimum net clear opening width of 20 inches per IRC Section R310.1.3.

2. All Glazing shall be IG1, UNO.

VINYL WINDOW DETAILS

GLAZING TYPES:
- IG1: Insulated Glazing
- IG2: Insulated Safety Glazing
INSULATE DRAIN PIPING BELOW ROOF DECK, REFER TO MECHANICAL ROOF ASSEMBLY PER G2.00

PREMOLDED PIPE FLASHING
CONTINUOUS VAPOR RETARDER, TAPE AND SEAL TO PENETRATION
MASTIC OR SEALANT

ROOF PENETRATION , REFER TO MECHANICAL AND ELECTRICAL FOR TYPE, SIZE, AND LOCATION

STAINLESS STEEL CLAMP
SEAL FLASHING TO ROOF MEMBRANE PER MFG

TAPER INSULATION TO CREATE DRAIN SUMP DEPRESSION

AIR BARRIER

OVERFLOW ROOF DRAIN
2" HIGH INSERT AT OVERFLOW DRAIN
4' x 8' DRAIN SUMP DEPRESSION

TAPER INSULATION TO CREATE DRAIN SUMP DEPRESSION

SELF-ADHERED ROOF MEMBRANE

PREFINISHED METAL PARAPET CAP (COLOR TO MATCH ADJACENT SIDING)

PREFINISHED METAL STEP FLASHING (BLACK)
ASPHALT SHINGLES
SELF-ADHERED UNDERLAYMENT, EXTEND UP SIDEWALL 12" AND LAP WITH AIR BARRIER
PREFINISHED METAL HEAD FLASHING, LAP ROOF MEMBRANE, SET IN SEALANT, COLOR TO MATCH ADJACENT SIDING
COMPRESSIBLE FOAM CLOSURE AND BACKING PER MFG
PREFINISHED METAL HEAD TRIM TO MATCH SIDING

ENTRY CANOPY AT PLP
ENTRY CANOPY FASCIA

CANOPY SCUPPER SECTION
CANOPY SCUPPER PLAN DETAIL
CANOPY SCUPPER SECTION
ROOF PENETRATION DETAIL
ROOF RAKE AT TEW
ROOF AT SIDEWALL
ROOF AND OVERFLOW DRAIN

DRAWN: REVIEWED:
SHEET NAME: SHEET NO: JOB NO: DATE: CERTIFICATE OF AUTHORIZATION NO:
SPARK DESIGN, LLC #AECL1394

PHASE 1
OLD MATANUSKA TOWNSHOUSE DEVELOPMENT
REVISION SCHEDULE
# DESCRIPTION DATE

3" = 1'-0"

3" = 1'-0"

3" = 1'-0"

3" = 1'-0"

HALF SCALE WHEN PRINTED AT 11x17

3" = 1'-0"
STEP 1
APPLY AIR BARRIER
APPLY CONTINUOUS AIR BARRIER. CUT BARRIER AT OPENINGS AND FOLD UP FLAP AT HEAD

STEP 2
SILL FLASHING
SILL FLASHING, TURN UP AT JAMBS

STEP 3
JAMB FLASHING
JAMB FLASHING, LAP OVER SILL FLASHING

STEP 4
WINDOW UNIT
INSTALL WINDOW UNIT IN OPENING

STEP 5
HEAD FLASHING
METAL HEAD FLASHING, LAP OVER JAMB FLASHING AND OVER WINDOW HEAD NAILING FLANGE

STEP 6
OVERHEAD DOOR JAMB DETAIL
OVERHEAD DOOR JAMB DETAIL

STEP 7
OVERHEAD DOOR HEAD
OVERHEAD DOOR HEAD

STEP 8
OVERHEAD DOOR HEAD
OVERHEAD DOOR HEAD

STEP 9
OVERHEAD DOOR HEAD
OVERHEAD DOOR HEAD

STEP 10
OVERHEAD DOOR THRESHOLD
OVERHEAD DOOR THRESHOLD

STEP 11
PV CORNER DETAIL (UG3a ONLY)
PV CORNER DETAIL (UG3a ONLY)

STEP 12
PV HEAD FLASHING DETAIL (UG3a ONLY)
PV HEAD FLASHING DETAIL (UG3a ONLY)
WALL ASSEMBLY
PER PLAN
CORNER BEAD, TYP
RETURN GWB ALONG JAMB
BI-PASS DOOR, REFER TO DOOR SCHEDULE
ALIGN AND INSTALL LOWER BRACKET OR TRACK PER MFG’S INSTRUCTIONS
BASE TRIM PER FINISH SCHEDULE

HEADER FRAMING
CORNER BEAD, TYP
RETURN GWB ALONG UNDERSIDE OF HEADER
BI-PASS DOOR, REFER TO DOOR SCHEDULE
HEADER FRAMING
SEALANT, TYP
SEALANT, TYP

FLOOR FINISH
PER FINISH PLANS
DOOR PER DOOR SCHEDULE
1/2" M
AX
DOOR SHOE
THRESHOLD SET IN SEALANT

INT DOOR HEAD DETAIL (JAMB SIM) 8
BI-PASS DOOR HEAD DETAIL 5
INT WD DOOR HEAD (JAMB SIM) 2
INT DOOR THRESHOLD AT GARAGE 7
BI-PASS DOOR JAMB DETAIL 4
INT DOOR THRESHOLD 1

 certified designs, llc

INTERIOR DETAILS

ALBION "MANSION" DEVELOPMENT
PHASE 1

REVISION SCHEDULE
# DESCRIPTION DATE

08.07.2020

CERTIFICATE OF AUTHORIZATION NO:
SPARK DESIGN, LLC #AECL1394

08.07.2020
6.1

UNIT E STAIR PLAN - LEVEL 3

1/2" = 1'-0"

UNIT A STAIR PLAN - LEVEL 3

1/2" = 1'-0"

UNIT E STAIR PLAN - LEVEL 2

1/2" = 1'-0"

UNIT A STAIR PLAN - LEVEL 2

1/2" = 1'-0"

UNIT E STAIR PLAN - LEVEL 1

1/2" = 1'-0"

UNIT A STAIR PLAN - LEVEL 1

1/2" = 1'-0"
HR1
14 EQUAL TREADS @ 10" M IN EACH / 15 EQUAL RISERS @ 7 3/4" M EACH
11' - 8"
36" PONY WALL WITH PAINTED WOOD CAP, P1 CLEAR 3'-3 1/4" AT 1 HR WALL
HYDRONIC BASEBOARD, REFER TO MECH

HALF SCALE WHEN PRINTED AT 11x17
08.07.2020
A7.02
UNIT B AND D VERTICAL CIRCULATION

REVISION SCHEDULE
# DESCRIPTION DATE

UNIT B STAIR PLAN - LEVEL 1
UNIT B STAIR PLAN - LEVEL 2
UNIT D STAIR PLAN - LEVEL 1
UNIT D STAIR PLAN - LEVEL 2

VALLEY RESIDENTIAL SERVICES
OLD MATANUSKA TOWNHOUSE DEVELOPMENT
PHASE 1
SPARK DESIGN, LLC #AECL1394
CERTIFICATE OF AUTHORIZATION NO:
08.07.2020
PERMIT DOCUMENTS

1/2" = 1'-0"

UNIT D STAIR PLAN - LEVEL 2
UNIT D STAIR PLAN - LEVEL 1

UNIT B STAIR PLAN - LEVEL 2
UNIT B STAIR PLAN - LEVEL 1

1/2" = 1'-0"
INTERIOR ELEVATION / FINISH GENERAL NOTES

1. REFER TO A8.06 FOR MATERIAL, APPLIANCE AND TOILET ACCESSORY SCHEDULES.
2. REFER TO A8.00 FOR STANDARD MOUNTING HEIGHTS.
3. ALL WALLS TO BE PB1.
4. ALL FLOORING TO BE RB1, EXCEPT AT STAIRS.
5. ALL STAIRS TO HAVE CPT1 TREADS AND RISERS WITH RN1 STAIR NOSING.
6. ALL FLOORING TO RUN CONTINUOUSLY UNDER CABINETRY WITH REMOVABLE SINK BASE (UNIT TYPE C) AND ALL APPLIANCES (ALL UNITS).
7. ALL WALLS MUST BE PB1 EXCEPT IN BATHROOMS AND LAUNDRY ROOMS WHERE SMALL WALLS ARE RB1.
8. CABINETRY TO BE WD2 AND ALL COUNTERTOPS / WORK SURFACES SHALL BE PL1 UNLESS NOTED OTHERWISE.
9. ALL CABINET CAVITIES TO BE ACM AND ALL PANELS TO MATCH CASEWORK AT EDGES ADJACENT TO PERPENDICULAR WALLS.
10. THE NOTATION ON CABINET ELEVATION INDICATES A FINISHED PANEL ON EXPOSED SIDE OF CABINET.
11. ALL FULL HEIGHT END PANELS TO BE 24" DEEP AND FINISHED ON BOTH SIDES.
12. CABINET PULLS BASIS OF DESIGN: 4" WIRE PULLS, BRUSHED OR SATIN NICKEL.
13. ALL CASEWORK TO HAVE 2" MINIMUM FILLER PANEL TO MATCH CASEWORK AT EDGES ADJACENT TO PERPENDICULAR WALLS.
14. WHERE 34" HEIGHT IS NOTED, THE 34" HEIGHT SHALL BE MEASURED FROM THE FINISHED FLOOR TO THE TOP OF FLOOD RIM OF THE FIXTURE OR THE SINK, WHICHEVER IS GREATER.
15. ALL PONY WALLS AT UNIT GROUP STAIRS TO BE 36" A.F.F. UNLESS NOTED OTHERWISE.
16. CONTRACTOR SHALL BACK CHECK APPLIANCE CUTSHEETS WITH ALL CASEWORK TO CONFIRM ADEQUATE CLEARANCE IS PROVIDED.
17. CONTRACTOR TO PROVIDE AND INSTALL BLOCKING FOR ALL WALL MOUNTED TOILET ACCESSORIES.
18. PROVIDE BLOCKING FOR FUTURE GRAB BARS IN UNIT TYPE A, B, D, AND E. REFER TO A8.00 FOR LOCATIONS.
19. ALL PUMP VANS AT UNIT GROUP STAIRS TO BE 36" A.F.F. UNLESS NOTED OTHERWISE.

PERMIT DOCUMENTS

1/4" = 1'-0"

UNIT A - 1/2 BATH - DOOR
UNIT A - 1/2 BATH - SINK
UNIT A - LAUNDRY
UNIT A - KITCHEN - SINK
UNIT A - KITCHEN - RANGE
UNIT A - LAUNDRY
UNIT A - BATH DOOR
UNIT A - BATH - SINK
UNIT A - BATH - TUB
INTERIOR ELEVATION / FINISH GENERAL NOTES

1. REFER TO A8.06 FOR MATERIAL, APPLIANCE AND TOILET ACCESSORY SCHEDULES.
2. REFER TO A8.00 FOR STANDARD MOUNTING HEIGHTS.
3. ALL WALLS TO BE WD1.
4. ALL FLOORING TO BE RF1, EXCEPT AT STAIRS.
5. ALL STAIRS TO HAVE CPT1 TREADS AND RISERS WITH RN1 STAIR NOSING.
6. ALL FLOORING TO RUN CONTINUOUSLY UNDER CABINETRY WITH REMOVABLE SINK BASE (UNIT TYPE C), OPEN WORK SPACES (UNIT TYPE C), AND ALL APPLIANCES (ALL UNITS).
7. ALL WALL BASE TO BE WD1 (UNIT TYPE C) OR RB1 (UNIT TYPE A, B, D, AND E), EXCEPT IN BATHROOMS AND LAUNDRY ROOMS WHERE WALL BASE WILL BE RB1.
8. CABINETRY TO BE WD1 AND ALL COUNTERTOPS, YORK SURFACES SHALL BE PL1 UNLESS NOTED OTHERWISE.
9. ALL CORNER THICKNESS IS DETERMINED BY PANEL, TO MATCH CABINET AT EDGES ADJACENT TO PERPENDICULAR WALLS.
10. THE "FE" NOTATION ON CASEWORK ELEVATION INDICATES A FINISHED END PANEL ON EXPOSED SIDE OF CABINET.
11. WALL BASE TO BE WD1 EXCEPT IN BATHROOMS AND LAUNDRY ROOMS WHERE WALL BASE WILL BE RB1.
12. CASEWORK TO BE WD2 AND ALL COUNTERTOPS / WORK SURFACES SHALL BE PL1 UNLESS NOTED OTHERWISE.
13. ALL CASEWORK TO HAVE 2" MINIMUM FILLER PANEL TO MATCH CASEWORK AT EDGES ADJACENT TO PERPENDICULAR WALLS.
14. CABINET/DRAWER PULLS BASIS OF DESIGN: 4" WIRE PULLS, BRUSHED OR SATIN NICKEL.
15. WHERE 34" HEIGHT IS NOTED, THE 34" HEIGHT SHALL BE MEASURED FROM THE FINISHED FLOOR TO THE TOP OF FLOOD RIM OF THE FIXTURE OR THE SINK, WHICHEVER IS GREATER.
16. CLOSET AND STORAGE SHELVING MAY BE PAINTED MDF OR WHITE MELAMINE FINISH, MINIMUM SHELF DEPTH IS 15".  CLOSET SHALL HAVE A WHITE MELAMINE SHELF AND ROD COMBINATION, PANTRIES AND LINEN CLOSETS ARE TO HAVE A MINIMUM OF (5) FIXED SHELVES, SHELVES CAN REST ON LEADER BOARDS OF BE PART OR A CLOSET SYSTEM.
17. INSULATE PIPES AT ALL SINK LOCATIONS WITH EXPOSED PIPING IN UNIT C.
18. CONTRACTOR SHALL BACK CHECK APPLIANCE CUTOUTS WITH ALL CABINETRY TO CONFIRM ADEQUATE CLEARANCE IS PROVIDED.
19. CONTRACTOR TO PROVIDE AND INSTALL BLOCKING FOR ALL WALL MOUNTED TOILET ACCESSORIES.
20. PROVIDE BLOCKING FOR FUTURE GRAB BARS IN UNIT TYPE A, B, D, AND E. REFER TO A8.00 FOR LOCATIONS.
21. ALL PORCH WALLS AT UNIT GROUP STAIRS TO BE 36" A.F.F. UNLESS NOTED OTHERWISE.

INTERIOR ELEVATION / FINISH GENERAL NOTES

1. REFER TO A8.06 FOR MATERIAL, APPLIANCE AND TOILET ACCESSORY SCHEDULES.
2. REFER TO A8.00 FOR STANDARD MOUNTING HEIGHTS.
3. ALL WALLS TO BE WD1.
4. ALL FLOORING TO BE RF1, EXCEPT AT STAIRS.
5. ALL STAIRS TO HAVE CPT1 TREADS AND RISERS WITH RN1 STAIR NOSING.
6. ALL FLOORING TO RUN CONTINUOUSLY UNDER CABINETRY WITH REMOVABLE SINK BASE (UNIT TYPE C), OPEN WORK SPACES (UNIT TYPE C), AND ALL APPLIANCES (ALL UNITS).
7. ALL WALL BASE TO BE WD1 (UNIT TYPE C) OR RB1 (UNIT TYPE A, B, D, AND E), EXCEPT IN BATHROOMS AND LAUNDRY ROOMS WHERE WALL BASE WILL BE RB1.
8. CABINETRY TO BE WD1 AND ALL COUNTERTOPS, YORK SURFACES SHALL BE PL1 UNLESS NOTED OTHERWISE.
9. ALL CORNER THICKNESS IS DETERMINED BY PANEL, TO MATCH CABINET AT EDGES ADJACENT TO PERPENDICULAR WALLS.
10. THE "FE" NOTATION ON CASEWORK ELEVATION INDICATES A FINISHED END PANEL ON EXPOSED SIDE OF CABINET.
11. WALL BASE TO BE WD1 EXCEPT IN BATHROOMS AND LAUNDRY ROOMS WHERE WALL BASE WILL BE RB1.
12. CASEWORK TO BE WD2 AND ALL COUNTERTOPS / WORK SURFACES SHALL BE PL1 UNLESS NOTED OTHERWISE.
13. ALL CASEWORK TO HAVE 2" MINIMUM FILLER PANEL TO MATCH CASEWORK AT EDGES ADJACENT TO PERPENDICULAR WALLS.
14. CABINET/DRAWER PULLS BASIS OF DESIGN: 4" WIRE PULLS, BRUSHED OR SATIN NICKEL.
15. WHERE 34" HEIGHT IS NOTED, THE 34" HEIGHT SHALL BE MEASURED FROM THE FINISHED FLOOR TO THE TOP OF FLOOD RIM OF THE FIXTURE OR THE SINK, WHICHEVER IS GREATER.
16. CLOSET AND STORAGE SHELVING MAY BE PAINTED MDF OR WHITE MELAMINE FINISH, MINIMUM SHELF DEPTH IS 15".  CLOSET SHALL HAVE A WHITE MELAMINE SHELF AND ROD COMBINATION, PANTRIES AND LINEN CLOSETS ARE TO HAVE A MINIMUM OF (5) FIXED SHELVES, SHELVES CAN REST ON LEADER BOARDS OF BE PART OR A CLOSET SYSTEM.
17. INSULATE PIPES AT ALL SINK LOCATIONS WITH EXPOSED PIPING IN UNIT C.
18. CONTRACTOR SHALL BACK CHECK APPLIANCE CUTOUTS WITH ALL CABINETRY TO CONFIRM ADEQUATE CLEARANCE IS PROVIDED.
19. CONTRACTOR TO PROVIDE AND INSTALL BLOCKING FOR ALL WALL MOUNTED TOILET ACCESSORIES.
20. PROVIDE BLOCKING FOR FUTURE GRAB BARS IN UNIT TYPE A, B, D, AND E. REFER TO A8.00 FOR LOCATIONS.
21. ALL PORCH WALLS AT UNIT GROUP STAIRS TO BE 36" A.F.F. UNLESS NOTED OTHERWISE.
INTERIOR ELEVATION / FINISH GENERAL NOTES

1. REFER TO A8.06 FOR MATERIAL, APPLIANCE AND TOILET ACCESSORY SCHEDULES.
2. REFER TO A8.00 FOR STANDARD MOUNTING HEIGHTS.
3. ALL VALVES TO BE P1.
4. ALL FLOORING TO BE RF1, EXCEPT AT STAIRS.
5. ALL DOORS TO HAVE OPT. TRIMS AND HINGED WITH INSET HINGING.
6. ALL DOORS TO RUN CONSECUTIVELY UNDER CABINET OR WITH RECESSABLE DOORS (UNIT TYPE C), AND CLIP \n   APPLIANCES (ALL UNITS).
7. ALL WALLS TO BE RF1 EXCEPT IN BATHROOMS AND LAUNDRY ROOMS WHERE WALL BASE WILL BE RB1.
8. CABINETRY TO BE WD2 AND ALL COUNTERTOPS, WORK SURFACES SHALL BE PL1 UNLESS NOTED OTHERWISE.
9. ALL CABINET/FILLER PANEL INSERTION PANEL TO MATCH CABINET AT EDGES ADJACENT TO PERPENDICULAR WALLS.
10. REFRIGERATOR PULLS BASE OF DESIGN: 4" WIRE PULLS, BRUSHED OR SATIN NICKEL.
11. WHERE 34" HEIGHT IS NOTED, THE 34" HEIGHT SHALL BE MEASURED FROM THE FINISHED FLOOR TO THE TOP OF 
    FLOOD RIM OF THE FIXTURE OR THE SINK, WHICHEVER IS GREATER.
12. CABINET AND DRAWER PULLS BASE OF DESIGN: 4" WIRE PULLS, BRUSHED OR SATIN NICKEL.
13. INSULATE PIPES AT ALL SINK LOCATIONS WITH EXPOSED PIPING IN UNIT C.
14. CONTRACTOR SHALL BACK CHECK APPLIANCE CUTSHEETS WITH ALL CASEWORK TO CONFIRM ADEQUATE 
    CLEARANCE IS PROVIDED.
15. CONTRACTOR TO PROVIDE AND INSTALL BLOCKING FOR ALL WALL MOUNTED TOILET ACCESSORIES.
16. PROVIDE BLOCKING FOR FUTURE GRAB BARS IN UNIT TYPE A, B, D, AND E. REFER TO A8.00 FOR LOCATIONS.
17. CONTRACTOR SHALL BACK CHECK APPLIANCE CUTSHEETS WITH ALL CASEWORK TO CONFIRM ADEQUATE CLEARANCE IS 
    PROVIDED.
18. CONTRACTOR TO PROVIDE AND INSTALL BLOCKING FOR ALL WALL MOUNTED TOILET ACCESSORIES.
19. PROVIDE BLOCKING FOR FUTURE GRAB BARS IN UNIT TYPES A, B, D, AND E. REFER TO A8.00 FOR LOCATIONS.
20. ALL PONY WALLS AT UNIT GROUP STAIRS TO BE 36" A.F.F. UNLESS NOTED OTHERWISE.

UNIT C - BATH - SINK

UNIT C - LAUNDRY

UNIT C - BATH - TOILET

UNIT C - KITCHEN - SINK

UNIT C - KITCHEN - RANGE
INTERIOR ELEVATION / FINISH GENERAL NOTES

1. REFER TO A8.06 FOR MATERIAL, APPLIANCE AND TOILET ACCESSORY SCHEDULES.
2. REFER TO A8.00 FOR STANDARD MOUNTING HEIGHTS.
3. ALL WALLS TO BE WD1.
4. ALL FLOORING TO BE RF1, EXCEPT AT STAIRS.
5. ALL STAIRS TO HAVE CPT1 TREADS AND RN1 STAIR NOSING.
6. ALL FLOORING TO RUN CONTINUOUSLY UNDER CABINETRY WITH REMOVABLE SINK BASE (UNIT TYPE C), OPEN WORK SPACES (UNIT TYPE C) AND ALL APPLIANCES (ALL UNITS).
7. ALL WALLS TO BE WD1 EXCEPT IN BATHROOMS AND LAUNDRY ROOMS WHERE WALLS WILL BE RB1.
8. CABINETS TO BE W1 AND ALL COUNTERS/WORK SURFACES SHALL BE PL1 UNLESS NOTED OTHERWISE.
9. ALL CORNER CASEWORK TO BE WD1 EXCEPT FOR UNDER FILL PANEL TO MATCH CASEWORK AT EDGES ADJACENT TO PERPENDICULAR WALLS.
10. 'FE' NOTATION ON CASEWORK ELEVATION INDICATES A FINISHED END PANEL ON EXPOSED SIDE OF CABINET.
11. ALL FULL HEIGHT END PANELS TO BE 24" DEEP AND FINISHED ON BOTH SIDES.
12. CABINET/DRAWER PULLS BASIS OF DESIGN: 4" WIRE PULLS, BRUSHED OR SATIN NICKEL.
13. WHERE 34" HEIGHT IS NOTED, THE 34" HEIGHT SHALL BE MEASURED FROM THE FINISHED FLOOR TO THE TOP OF FLOOD RIM OF THE FIXTURE OR THE SINK, WHICHEVER IS GREATER.
14. CLOSET AND STORAGE SHELVING LENGTH MAY BE ROLLED OR WHITE EXPOSED PIPING VALUE, MINIMUM SHELF DEPTH IS 15", CLOSET SHELVING TO BE PART OF A CLOSET SYSTEM.
15. INSULATE PIPING AT ALL SINK LOCATIONS WITH EXPOSED PIPING IN UNIT C.
16. CONSTRUCTION SHALL BACK CHECK APPLIANCE CUTOUTS WITH ALL CABINETRY TO CONFIRM ADEQUATE CLEARANCE IS PROVIDED.
17. CONSTRUCTION TO PROVIDE AND INSTALL BLOCKING FOR ALL WALL MOUNTED TOILET ACCESSORIES.
18. PROVIDE BLOCKING FOR FUTURE GRAB BARS IN UNIT TYPE A, B, D, AND E. REFER TO A8.00 FOR LOCATIONS.
19. ALL PONY WALLS AT UNIT GROUP STAIRS TO BE 36" A.F.F. UNLESS NOTED OTHERWISE.

HALF SCALE WHEN PRINTED AT 11x17

CERTIFICATE OF AUTHORIZATION NO:
SPARK DESIGN, LLC #AECL1394
08.07.2020

UNIT E - KITCHEN - SINK
UNIT E - KITCHEN - RANGE
UNIT E - LAUNDRY
UNIT E - BATH - TUB
UNIT E - BATH - SINK
UNIT E - BATH - DOOR
UNIT E - 1/2 BATH
UNIT E - 1/2 BATH - DOOR
UNIT E - BATH - DOOR
**ABBRIVATIONS**

- APA
- TOS
- TEMP
- TBD
- STD
- RT
- PLF
- IE
- HS
- EQ
- COL
- BTWN
- BOD
- BM

**CONCRETE**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>28-DAY STRENGTH</th>
<th>MAX. W/C RATIO</th>
<th>FLY ENHANCED</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXTERIOR CONCRETE (EXPOSED TO FREEZING)</td>
<td>4,500 P.S.I.</td>
<td>0.45</td>
<td>6% - 9%</td>
</tr>
<tr>
<td>INTERIOR SLABS (NOT EXPOSED TO FREEZING)</td>
<td>4,000 P.S.I.</td>
<td>0.45</td>
<td>3%</td>
</tr>
<tr>
<td>FOOTING FOUNDATION WALLS</td>
<td>2,000 P.S.I.</td>
<td>0.45</td>
<td>6% - 9%</td>
</tr>
<tr>
<td>SLAB ON GRADE</td>
<td>2,000 P.S.I.</td>
<td>0.45</td>
<td>9%</td>
</tr>
</tbody>
</table>

**MASONRY**

- CONCRETE MASONRY UNITS ASTM C-10 AND C-85 | 3,000 P.S.I. | SEE LASPE SCHEDULE FOR LAYBACK LENGTHS |
- MORTAR | TYPE | 3,000 P.S.I. |
- GRouting | COURSE (PRE-GRAVEL) | 2,000 P.S.I. |

**REINFORCING**

- FABRICATED AND STRAIGHT BARS | ASTM A-615 | SEE LASPE SCHEDULE FOR LAYBACK LENGTHS |
- FLEX-BENT | ASTM A-615 | SEE LASPE SCHEDULE FOR LAYBACK LENGTHS |

**STRUCTURAL STEEL**

- HSS COLUMNS | ASTM A500 | GRADE B |
- CHANNELS, ANGLES AND OTHER SHAPES | ASTM A992 | GRADE 50 |
- PLATES | ASTM A36 | GRADE 36 |

**LIGHT GAUGE STEEL**

- COMPOSITE DECK | 5/8" | 8G |

**WOOD**

- SWANSON COLUMNS | HB-689 | NO. 2 |
- PLATES AND LEDGERS | HB-689 | NO. 2 |
- VARNISHED LUMBER | DOUG. FIR LUMBER | NO. 1 |

**ALLOWABLE STRESSES - P.S.I.**

- SIMPLE SPANS | D.F. | 2,000 |
- CONTINUOUS SPANS, CAST-IN-PLACE | D.F. | 2,000 |
- CONTINUOUS SPANS, CAST-IN-PLACE | VARNISHED WEATHERED LUMBER | 2,000 |

**WOOD PANELS**

- SHEATHING | APA-RATED | S8 | 60/60 |
- SHEAL | APA-RATED | S14 | 36/16 |

**STRUCTURAL DESIGN CRITERIA SCHEDULE**

<table>
<thead>
<tr>
<th>CRITERIA</th>
<th>DESCRIPTION</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WIND</td>
<td>BASIC WIND SPEED (3-SECOND GUST)</td>
<td>128 MPH</td>
</tr>
<tr>
<td>PERI</td>
<td>1-10</td>
<td>ENCLOSED BUILDING</td>
</tr>
</tbody>
</table>

**DEFERRED SUBMITTALS**

DEFERRED SUBMITTAL ITEMS SHALL BE REVIEWED BY THE EOR AND THEN SUBMITTED TO THE BUILDING OFFICIAL.

- PREMILLNED WOOD TRUSSES |
- SEISMIC OBSERVATIONS |
- ROOFTOP ATTACHMENTS |

**DEFINITIONS**

- PND=ENGINEERS INC IS NOT RESPONSIBLE FOR SAFETY, PROGRAMS, METHODS, OR PROCEDURES OF OPERATION, OR THE CONSTRUCTION OF THE DESIGN SHOWN ON THESE DRAWINGS. DRAWINGS ARE FOR USE ON THIS PROJECT ONLY AND ARE NOT INTENDED FOR REUSE WITHOUT WRITTEN APPROVAL. FROM PND, DRAWINGS ARE ALSO NOT TO BE USED IN ANY MANNER THAT WOULD CONSTITUTE A DETRIMENT DIRECTLY OR INDIRECTLY TO PND.
STATEMENT OF SPECIAL INSPECTIONS

The following special inspections shall be performed by the registered design professional acting as the owner's agent. The special inspector shall provide written documentation to the building official demonstrating their competence and relevant experience or training.

FABRICATOR APPROVAL

Special inspections required by Section 1704.2.2 of the IBC are not required where the work is done on the premise of the fabricator. Reports shall be submitted to the architect of record and the owner. Special inspection under ICC 1704.2.2. However, non-destructive testing requirements cannot be waived per AISC 360.

PERIODICITY OF SPECIAL INSPECTION TASKS

Adding special inspection requirements when the work is done on the premises of the fabricator. The fabricator approval shall be performed or engaged qualified a testing agency to perform required testing on the fabricated components. The special inspector shall provide written documentation to the owner and all parties involved in the project of special inspection requirements.

SPECIAL INSPECTION QUALIFICATIONS

If they are not qualified personnel employed by the owner or the registered design professional in responsible charge acting as the owner's agent. The special inspector shall provide written documentation to the building official demonstrating their competence and relevant experience or training.

REQUIREMENT FOR SPECIAL INSPECTIONS

Verifying that the site has been prepared properly. The architect of record shall verify that the site is in accordance with the approved drawings and specifications. The special inspector shall perform periodic inspection of formwork and shoring from slabs and beams. The inspection period shall be determined by the architect of record and the owner.

REQUIREMENTS FOR SPECIAL INSPECTIONS

The special inspector shall provide written documentation to the building official demonstrating their competence and relevant experience or training.

REPORT REQUIREMENTS

The special inspector shall verify the installation of reinforcing steel, including verification of materials below shallow foundations. The special inspector shall verify materials below shallow foundations.

SPECIAL INSPECTION OF REINFORCING STEEL, INCLUDING

VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS

INSPECTION OF ANCHORS POST INSTALLED IN

INSPECTION OF CONCRETE PLACEMENT FOR

AT THE TIME FRESH CONCRETE IS SAMPLED TO

EXCAVATIONS EXTEND TO PROPER DEPTH

THE SPECIAL INSPECTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO

THE SPECIAL INSPECTOR QUALIFICATIONS

The special inspector shall provide written documentation to the building official demonstrating their competence and relevant experience or training.

PERIODICITY OF SPECIAL INSPECTION TASKS

The frequency of the special inspection tasks is shown in the table below. Special inspections shall be performed periodically, and the correction of any discrepancies shall be distributed to the owner and all parties involved in the project as required by the building official.

SPECIAL INSPECTION OF WIND RESISTANCE

The special inspector shall verify that the site has been prepared properly. The special inspector shall provide written documentation to the building official demonstrating their competence and relevant experience or training.

SPECIAL INSPECTION OF SEISMIC RESISTANCE

The special inspector shall verify that the site has been prepared properly. The special inspector shall provide written documentation to the building official demonstrating their competence and relevant experience or training.

VERIFY INSPECTION TASKS

The special inspection tasks are listed in the attached tables and in the revision of the IBC Chapter 17. The special inspection tasks are listed in the attached tables and in the revision of the IBC Chapter 17.

DETECTION OF CONCRETE PLACEMENT FOR

Determine the temperature of the concrete. The special inspector shall verify the use of required mix design. The special inspector shall verify the use of required mix design.

VINICATION AND INSPECTION TASKS

Verification and inspection tasks are listed in the attached tables and in the revision of the IBC Chapter 17.

OVERVIEW OF SPECIAL INSPECTIONS

The special inspector shall provide written documentation to the building official demonstrating their competence and relevant experience or training.

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OVERVIEW OF SPECIAL INSPECTIONS

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### Header Schedule

<table>
<thead>
<tr>
<th>WALL</th>
<th>SK</th>
<th>SIZE</th>
<th>MIN SPACING</th>
<th>Lumber</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>FR</td>
<td>HT</td>
<td>4x4</td>
<td>6&quot; OC</td>
<td>1&quot; PC</td>
<td></td>
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<td>HT</td>
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<td>6&quot; OC</td>
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<tr>
<td>FR</td>
<td>HT</td>
<td>4x8</td>
<td>6&quot; OC</td>
<td>1&quot; PC</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** All headers are located at the top of opening.

### Wood Stud Wall Schedule

<table>
<thead>
<tr>
<th>WALL</th>
<th>SK</th>
<th>SIZE</th>
<th>SPACING</th>
<th>MATERIAL</th>
<th>REMARKS</th>
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</thead>
<tbody>
<tr>
<td>FR</td>
<td>HT</td>
<td>4x4</td>
<td>16&quot; OC</td>
<td>6x8</td>
<td>1&quot; PC</td>
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<td>1&quot; PC</td>
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<tr>
<td>FR</td>
<td>HT</td>
<td>4x8</td>
<td>16&quot; OC</td>
<td>6x8</td>
<td>1&quot; PC</td>
</tr>
</tbody>
</table>

**NOTE:** Design LL = 100 PSF.

### Timber / lvl column base schedule

<table>
<thead>
<tr>
<th>WALL</th>
<th>SK</th>
<th>SIZE</th>
<th>MATERIAL</th>
<th>BASE AT FTG (Note 1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FR</td>
<td>HT</td>
<td>4x4</td>
<td>6x8</td>
<td>1&quot; PC</td>
</tr>
<tr>
<td>FR</td>
<td>HT</td>
<td>4x6</td>
<td>6x8</td>
<td>1&quot; PC</td>
</tr>
<tr>
<td>FR</td>
<td>HT</td>
<td>4x8</td>
<td>6x8</td>
<td>1&quot; PC</td>
</tr>
</tbody>
</table>

**Note:**
1. Wall sill plates will allow space for column installation. All platted DLS have an anchor per typical wall anchorage detail, without end of sill plate either side of column.
2. All column bases shall be hot dip galvanized.

### Wood Stair Stringer Schedule

<table>
<thead>
<tr>
<th>PLAN STAIR LENGTH</th>
<th>STRINGER</th>
<th>SPACING</th>
<th>BACKS</th>
<th>ADDITIONAL INFO</th>
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</thead>
<tbody>
<tr>
<td>12' 7&quot;</td>
<td>3 1/2&quot;</td>
<td>3 1/2&quot;</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>12' 7&quot;</td>
<td>3 1/2&quot;</td>
<td>3 1/2&quot;</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
1. Use Simpson LSC Connector at top attachment or engineered approved EG.
2. Omits strong back where stringer is attached directly to stud wall.
3. Design LLL = 100 PSF.
ANCHOR RODS SHALL BE GALVANIZED ASTM F1554 GRADE 36 HEADED BOLTS OR ASTM A36.

HOLDOWN SCHEDULE

<table>
<thead>
<tr>
<th>MARK</th>
<th>HOLODWN</th>
<th>ANCHOR ROD</th>
<th>BARR STAKES</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1/2</td>
<td>1/8&quot;</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1/2</td>
<td>1/8&quot;</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1/2</td>
<td>1/8&quot;</td>
<td>8</td>
<td></td>
</tr>
</tbody>
</table>

NOTES:
1. HOLDOWNS ARE SIMPSON STRENGTH-RED CODE.
2. ANCHOR RODS SHALL BE GALVANIZED ASTM F1554 GRADE 36 HEADED BOLTS OR ASTM A36.
3. THREAD-LOCKED BOLTS SHALL HAVE 125% STRENGTH OF THE ROD.
4. BARR STAKES ARE DF #1.
5. HOLODWNs ARE MOUNTED AT PANEL ENDS AND AT PANEL JOINTS.

WOOD SHEAR WALL SCHEDULE

<table>
<thead>
<tr>
<th>MARK</th>
<th>LEVEL</th>
<th>WALL TYPE</th>
<th>SHEATHING</th>
<th>PANEL EDGE BLOCKING</th>
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<tbody>
<tr>
<td>1</td>
<td>1/2</td>
<td>1/8&quot;</td>
<td>500</td>
<td>10d 9215</td>
</tr>
<tr>
<td>1</td>
<td>1/2</td>
<td>1/8&quot;</td>
<td>600</td>
<td>10d 9215</td>
</tr>
<tr>
<td>1</td>
<td>1/2</td>
<td>1/8&quot;</td>
<td>800</td>
<td>10d 9215</td>
</tr>
</tbody>
</table>

NOTES:
1. SHEATHING PERPENDICULAR TO FRAMING MEMBERS UNLESS NOTED OTHERWISE.
2. LOCATION PANELS OVER FRAMING MEMBERS AND STÄGER EDGE JOINTS BY A MINIMUM OF 2' UNLESS NOTED OTHERWISE.
3. STRÄGER PANEL EDGE NAILING AT PANEL JOINTS.
4. WALL SHEATHING - SEE SHEAR WALL SCHEDULE
5. WALL SHEATHING - SEE SHEAR WALL SCHEDULE WITH PANEL EDGE NAILING
6. PANEL EDGE NAILING AT BOTTOM PLATE
7. PANEL EDGE NAILING AT BOTTOM PLATE

WOOD SHEAR WALL NAILING DETAIL

<table>
<thead>
<tr>
<th>PANEL EDGE NAILING DETAIL</th>
<th>SHEATHING 3/4&quot; FLOOR*</th>
<th>SHEATHING 3/4&quot; FLOOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHEATHING 3/4&quot; FLOOR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SHEATHING 3/4&quot; FLOOR</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTES:
1. PANELS ARE SHOWN VERTICAL, BUT MAY BE PLACED HORIZONTAL.
2. MIN. EDGE DISTANCE FOR NAILS SHALL BE 3/8".
3. MIN. SHEATHING SHEET SIZE SHALL BE 12' X 24'.
4. MIN. NAILS PER SHEET SHALL BE 600.
5. NAILS SHALL BE COMMON SNEAK TYPE OR APPROVED EQUAL.
SILL PLATE
FLR SHEATHING
DOUBLE TOP PLATE, TYP

 BNDRY POST, SEE SCHED

 BNDRY NAILING, TYP
 HOLDOWN LOC. SEE PLAN. SEE H.D. SCHED FOR H.D. & BNDRY POST SIZE

 WALL STUD, TYP
 WALL STUD, TYP

 Plywood Shear Panels, See Plan

 Insulate

 Edge of Opening

 Holdown Loc. See Plan

 Simpson Strong-Tie Holdown, See Plan

 Anchor Rod w/ Headed Bolt or Double Nut Bottom, See H.D. Schedule for Size

 Concre...
DEPRESSED SLAB, COORD EXACT LOCATION, SIZE, AND DEPTH W/ ARCH

**FOUNDATION SHEET NOTES**

1. REFERENCE ELEVATION - TOP OF CONCRETE SLAB ELEVATION = EL. 0' - 0". SEE CIVIL FOR ACTUAL ELEVATION.
2. UNLESS NOTED OTHERWISE, ALL STRIP FOOTINGS ON THIS SHEET ARE 2' - 0" WIDE (FPSF), AND TOP OF STRIP FOOTING ELEVATION = 0' - 0" UNO. SEE S1.2.1 FOR FOOTING SCHEDULE.
3. UNLESS NOTED OTHERWISE, TOP OF SPREAD FOOTING ELEVATION = 0' - 4". SEE S1.2.1 FOR FOOTING SCHEDULE.

**SLAB PLAN SHEET NOTES**

1. REFERENCE ELEVATION - TOP OF CONCRETE SLAB ELEVATION = EL. 0' - 0"
2. INSTALL CONTROL / CONSTRUCTION JOINTS AT 8' - 12' O.C., MAXIMUM ASPECT RATIO NOT GREATER THAN 1:5:1

**FPSF INSULATION SHEET NOTES**

1. ALL VERTICAL XPS AGAINST GRADE BM IS 2" UNO
2. ALL HORIZONTAL XPS EXTENDS 30" MIN FROM FACE OF VERTICAL BM INSULATION UNO
3. 3" XPS EXTENDS 5' MIN FROM CORNER (SEE PLAN)
4. INTERIOR SLAB INSULATION NOT SHOWN FOR CLARITY

**FPSF INSULATION SHEET NOTES**

1. ALL HORIZONTAL XPS EXTENDS 30" MIN FROM FACE OF VERTICAL BM INSULATION UNO
2. 3" XPS EXTENDS 5' MIN FROM CORNER (SEE PLAN)
3. INTERIOR SLAB INSULATION NOT SHOWN FOR CLARITY

**PERMIT DOCUMENTS**

- VALLEY RESIDENTIAL SERVICES
- OLD MATANUSKA TOWNHOUSE DEVELOPMENT PHASE 1
- UNIT GROUP 2A/C/B

**SEAN J. BAGINSKI**

CE-10782

JOB NO. 201021

DATE 08.07.2020

DRAWN
REVIEWED

SHEET NO. 2-S2.11
FLOOR SHEET NOTES
1. Floor sheathing is 5/8" plywood. Orient panels perpendicular to framing members. See diaphragm schedule for blocking and nailing requirements at panel joints.
2. Floor sheathing runs cont. into
3. See sections for floor elevations.
4. All I-Joists are BCI Series 90.
5. Hatched areas indicate diagonal blocking. All panel edges must be blocked and nailed per sched.

ROOF SHEET NOTES
1. Roof sheathing is 5/8" plywood. Orient panels perpendicular to framing members. See diaphragm schedule for blocking and nailing requirements at panel joints.
2. All trusses are engineered trusses. (See plan)
3. See truss profiles for hurricane ties
4. Hatched areas indicate diagonal blocking. All panel edges must be blocked and nailed per sched.
FLOOR SHEET NOTES
1. FLOOR SHEATHING IS 3/4" T&G PLYWOOD. ORIENT PANELS PERPENDICULAR TO FRAMING MEMBERS. SEE DIAPHRAGM SCHEDULE FOR BLOCKING AND NAILING REQUIREMENTS AT PANEL JOINTS.
2. FLOOR SHEATHING IS 5/8" PLYWOOD. ORIENT PANELS PERPENDICULAR TO FRAMING MEMBERS. SEE DIAPHRAGM SCHEDULE FOR BLOCKING AND NAILING REQUIREMENTS AT PANEL JOINTS.
3. ALL TRUSSES ARE ENGINEERED TRUSSES. SEE PLAN.
4. SEE TRUSS FRAMES FOR HURRICANE TIES.
5. HATCHED AREAS INDICATE DIA BLKG. ALL PANEL EDGES MUST BE BLKG'D AND NAILED PER SCHED.

ROOF SHEET NOTES
1. ROOF SHEATHING IS S/F PLYWOOD. ORIENT PANELS PERPENDICULAR TO FRAMING MEMBERS. SEE DIAPHRAGM SCHEDULE FOR BLOCKING AND NAILING REQUIREMENTS AT PANEL JOINTS.
2. ALL TRUSSES ARE ENGINEERED TRUSSES. SEE PLAN.
3. ALL I-JOIST ARE BCI SERIES 90.
4. SEE TRUSS FRAMES FOR HURRICANE TIES.
5. HATCHED AREAS INDICATE DIA BLKG. ALL PANEL EDGES MUST BE BLKG'D AND NAILED PER SCHED.
**Roof Sheet Notes**

1. Roof sheathing is 5/8" plywood. Orient panels perpendicular to framing members. See diaphragm schedule for blocking and nailing requirements at panel joints.
2. See sections for roof elevations.
3. All trusses are engineered trusses. (see plan)
4. All I-joists are BCI Series 90.
5. See truss profiles for hurricane ties.
6. Hatched areas indicate dia blrg. All panel edges must be blrgd and nailed per sched.
SNOW DRIFT LOADING ON WOOD TRUSSES

<table>
<thead>
<tr>
<th>DRIFT WIDTH, W</th>
<th>MAX DRIFT SURCHARGE, PSF</th>
<th>MIN DRIFT SURCHARGE, PSF</th>
</tr>
</thead>
<tbody>
<tr>
<td>7'</td>
<td>35.8 PSF</td>
<td>0 PSF</td>
</tr>
<tr>
<td>8' - 6&quot;</td>
<td>43.5 PSF</td>
<td>0 PSF</td>
</tr>
</tbody>
</table>

NOTES:
- Snow drift may be perpendicular or parallel to truss, see plan.
- Truss spacing may be reduced to accommodate drift loading.

1. Snow Drift Load on Wood Truss
FOUNDATION DETAIL

1. SHEAR WALL ENTRY WALL TYP, SEE SCHED
2. TREATED SILL PL TYP
3. EXTEND FPSF TYP, SEE DTL
4. SHEATHING NOT SHOWN FOR CLARITY
5. FPSF INSULATION TYP
6. 2X6 WALL TYP
7. SHEAR WALL BNDRY NAIL TYP, SEE SCHED
8. EXISTING FPSF

DESCRIPTION

- 2# ANCHOR RINFS TYP 2 (3-51.2)
- EXTEND (2) #5 RINFS FROM SF TO EDGE FPSF
- ADD (4) ADDITIONAL #5 FOR F3
- (6) #5 BAR BOTTOM OF F3 TO EDGE OF FPSF

REVISION SCHEDULE

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>DATE</th>
</tr>
</thead>
</table>

JOB NO. 201021
DATE 08.07.2020
DRAWN PERMIT DOCUMENTS

HALF SCALE WHEN PRINTED AT 11x17

CERTIFICATE OF AUTHORIZATION NO:
SPARK DESIGN, LLC #AECL1394

8.07.20

WASHINGTON, DC

UNIT GROUP 2A/2B
OLD MATANUSKA TOWNHOUSE DEVELOPMENT
PHASE 1

VALLEY RESIDENTIAL SERVICES
MECHANICAL SPECIFICATIONS

GENERAL
2. THE CONTRACTOR SHALL PROVIDE ALL MATERIAL, EQUIPMENT, NAILS, LUGS, COKE, FLYWHEEL, KETTLE, DRESSER, PRINTING, OR ANY PART OF THE SAME AS REQUIRED TO COMPLETE THE AGREEMENTS, TO BE PERFECTLY INSTALLED, TESTED, AND OPERATING AND AS REQUIRED TO INSTALL, THE WORK.

CODES AND STANDARDS
2. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST APPLICABLE EDITION OF THE FOLLOWING CODES AND STANDARD PUBLICATIONS:
   a. • INTERNATIONAL BUILDING CODE (IBC), 2021 EDITION
   b. • INTERNATIONAL RESIDENTIAL CODE (IRC), 2021 EDITION
   c. • INTERNATIONAL MECHANICAL CODE (IMC), 2021 EDITION
   d. • INTERNATIONAL ELECTRICAL CODE (IEC), 2021 EDITION
   e. • INTERNATIONAL PLUMBING CODE (IPC), 2021 EDITION
   f. • NATIONAL ELECTRICAL CODE (NEC), 2021 EDITION
   g. • MECHANICAL CONSTRUCTION CODES, AS REQUIRED
   h. • SMART METAL WOOD, SHALL BE IN ACCORDANCE WITH THE LATEST EDITION STANDARDS
   i. • AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME), AS REQUIRED
   j. • AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI), AS REQUIRED
   k. • ASME B31.1 PRESSURE PIPE CODE, AS REQUIRED
   l. • ASME B31.3 PROCESS Piping Code, AS REQUIRED
   m. • ASME B31.5 POWER Piping Code, AS REQUIRED
   n. • ASME B31.7 OIL & GAS Piping Code, AS REQUIRED
   o. • ASME B31.8 ACRICIDAL Piping Code, AS REQUIRED
   p. • ASME B31.9 SHIPBOARD Piping Code, AS REQUIRED
   q. • ASME B31.11 POWER PLANT Piping Code, AS REQUIRED
   r. • ASME B31.20 PRESSURE VESSELS CODE, AS REQUIRED
   s. • ASME B31.30 HIGH TEMPERATURE STEAM PIPES AND PIPING SYSTEMS
   t. • ASME B31.31 Generator/Condenser and Turbine Steam Piping Systems
   u. • ASME B31.32 Generator Condenser and Turbine Steam Piping Systems
   v. • ASME B31.33 Generator Condenser and Turbine Steam Piping Systems
   w. • ASME B31.34 Generator Condenser and Turbine Steam Piping Systems
   x. • ASME B31.35 Generator Condenser and Turbine Steam Piping Systems
   y. • ASME B31.36 Generator Condenser and Turbine Steam Piping Systems
   z. • ASME B31.37 Generator Condenser and Turbine Steam Piping Systems
   AA. • ASME B31.38 Generator Condenser and Turbine Steam Piping Systems
   BB. • ASME B31.39 Generator Condenser and Turbine Steam Piping Systems
   CC. • ASME B31.40 Generator Condenser and Turbine Steam Piping Systems
   DD. • ASME B31.41 Generator Condenser and Turbine Steam Piping Systems
   EE. • ASME B31.42 Generator Condenser and Turbine Steam Piping Systems
   FF. • ASME B31.43 Generator Condenser and Turbine Steam Piping Systems
   GG. • ASME B31.44 Generator Condenser and Turbine Steam Piping Systems
   HH. • ASME B31.45 Generator Condenser and Turbine Steam Piping Systems
   II. • ASME B31.46 Generator Condenser and Turbine Steam Piping Systems
   JJ. • ASME B31.47 Generator Condenser and Turbine Steam Piping Systems
   KK. • ASME B31.48 Generator Condenser and Turbine Steam Piping Systems
   LL. • ASME B31.49 Generator Condenser and Turbine Steam Piping Systems
   MM. • ASME B31.50 Generator Condenser and Turbine Steam Piping Systems
   NN. • ASME B31.51 Generator Condenser and Turbine Steam Piping Systems
   OO. • ASME B31.52 Generator Condenser and Turbine Steam Piping Systems
   PP. • ASME B31.53 Generator Condenser and Turbine Steam Piping Systems
   QQ. • ASME B31.54 Generator Condenser and Turbine Steam Piping Systems
   RR. • ASME B31.55 Generator Condenser and Turbine Steam Piping Systems
   SS. • ASME B31.56 Generator Condenser and Turbine Steam Piping Systems
   TT. • ASME B31.57 Generator Condenser and Turbine Steam Piping Systems
  UU. • ASME B31.58 Generator Condenser and Turbine Steam Piping Systems
  VV. • ASME B31.59 Generator Condenser and Turbine Steam Piping Systems
   WW. • ASME B31.60 Generator Condenser and Turbine Steam Piping Systems
   XX. • ASME B31.61 Generator Condenser and Turbine Steam Piping Systems
   YY. • ASME B31.62 Generator Condenser and Turbine Steam Piping Systems
   ZZ. • ASME B31.63 Generator Condenser and Turbine Steam Piping Systems

PRODUCTS
2. THE CONTRACTOR SHALL SECURE FREE OF ANY COST, ALL MATERIAL, EQUIPMENT, PIPES, AND FITTINGS NECESSARY TO COMPLETE THE WORK.

WARRANTY
2. ALL WORK PERFORMED UNDER THIS CONTRACT OR PAYMENT AS A RESULT OF THE PROVISIONS OF A POND YEAR FROM ACCEPTANCE:
   a. • WARRANTY REQUIREMENTS

PRODUCTS
2. ALL MATERIALS SHALL BE ORDERED OR SECURED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND THE SPECIAL AND BID PROPOSAL.

PRODUCTS SPECIFICATIONS
2. ALL MATERIALS SHALL BE REPRESENTATIVE OF THE STANDARD OF THE CONTRACTOR.

PRODUCTS SUBSTITUTIONS
2. ALL MATERIALS OR EQUIPMENT SUBSTITUTED EQUIPMENT, SUCH AS PUMPS AND FANS, SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER FOR APPROVAL.

MECHANICAL SPECIFICATIONS

OPERATION AND MAINTENANCE MANUAL
2. INCLUDE MANUFACTURERS SPECIFICATIONS, OPERATING AND MAINTENANCE MANUALS, AND INSTALLATION INSTRUCTIONS.

EQUIPMENT INSTALLATION
2. INSTALLATION RECOMMENDATIONS FOR THE INSTALLATION OF ALL EQUIPMENT AND弁 SPECIFICATIONS AS MOUNTED.

ACCESS
2. PROVIDE UNRESTRICTED ACCESS TO ALL ELECTRICAL OR MECHANICAL EQUIPMENT TO ALLOW FOR INSPECTION, MAINTENANCE, OR REPAIR.

CONSTRUCTION
2. MAKE ALL STRUCTURAL AND BUILDING CONSTRUCTION DEVICES TO ALLOW FOR REQUIRED INSPECTION, MAINTENANCE, OR REPAIR.

PERFORATION
2. PROVIDE PERFORATION IN ALL ENSURING ADEQUATE VENTILATION TO ALLOW FOR REQUIRED INSPECTION, MAINTENANCE, OR REPAIR.

SUPPORTS AND ANCHORS
2. PROVIDE ALL SUPPORTS FOR ALL ELECTRICAL OR MECHANICAL EQUIPMENT, TO ALLOW FOR REQUIRED INSPECTION, MAINTENANCE, OR REPAIR.

SEISMIC RETAIN
2. PROVIDE ALL ELECTRICAL OR MECHANICAL EQUIPMENT TO ALLOW FOR REQUIRED INSPECTION, MAINTENANCE, OR REPAIR.

ISOLATION
2. PROVIDE ALL ISOLATION DEVICES FOR ALL MECHANICAL EQUIPMENT, TO ALLOW FOR REQUIRED INSPECTION, MAINTENANCE, OR REPAIR.

ADJUSTABLE
2. PROVIDE ALL ADJUSTABLE DEVICES FOR ALL ELECTRICAL OR MECHANICAL EQUIPMENT, TO ALLOW FOR REQUIRED INSPECTION, MAINTENANCE, OR REPAIR.

ACCESSORIES
2. PROVIDE ALL ACCESSORIES FOR ALL ELECTRICAL OR MECHANICAL EQUIPMENT, TO ALLOW FOR REQUIRED INSPECTION, MAINTENANCE, OR REPAIR.

WARRANTY
2. PROVIDE WARRANTY REQUIREMENTS FOR ALL ELECTRICAL OR MECHANICAL EQUIPMENT, TO ALLOW FOR REQUIRED INSPECTION, MAINTENANCE, OR REPAIR.

PERMITS
2. PROVIDE ALL PERMITS AND FEES.

TESTING, ADJUSTING, AND BALANCING
2. TEST ALL PLUMBING PIPING SYSTEMS IN ACCORDANCE WITH THE LATEST EDITION STANDARDS

FLAMINGO, INC.
163330
Old Matanuska Townhouse Development
3260 Byers Loop
Palmer, AK 99645
Ph: 907-865-7900  Fax: 907-865-7975

T3 ALASKA, LLC   AECL #: 1625

ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION STANDARDS

UNIT GROUP 1A:2B2

PERMITS AND FEES
2. PROVIDE ALL PERMITS AND FEES.

TESTING, ADJUSTING, AND BALANCING
2. TEST ALL PLUMBING PIPING SYSTEMS IN ACCORDANCE WITH THE LATEST EDITION STANDARDS

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ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION STANDARDS

UNIT GROUP 1A:2B2

PERMITS AND FEES
2. PROVIDE ALL PERMITS AND FEES.

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2. TEST ALL PLUMBING PIPING SYSTEMS IN ACCORDANCE WITH THE LATEST EDITION STANDARDS

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T3 ALASKA, LLC   AECL #: 1625

ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION STANDARDS

UNIT GROUP 1A:2B2

PERMITS AND FEES
2. PROVIDE ALL PERMITS AND FEES.
1. Branch piping to individual plumbing fixtures shall equal the size indicated on the plumbing fixture schedule unless otherwise indicated.

2. Provide cleanout on all individual sink risers.

3. Storm drain piping shall be sloped at 1/8" per linear foot minimum.

4. Do not route any piping in exterior walls. Piping shown close to exterior walls are to be routed in furred out wall cavities, see architectural.

5. Provide 1/2" cold water line to recessed water connection box, RB-1, to serve refrigerator. Provide connection between RB-1 and appliance per appliance manufacturer's recommendations. Provide water line to dishwasher per manufacturer's recommendations. Provide air gap fitting at adjacent sink for dishwasher drain. Connect per equipment manufacturer's recommendations. Coordinate with architectural drawings for location. Overflow storm drain to connect into vertical storm drain piping.
1. ROOF PLUMBING PLAN
   (SCALE: 3/16" = 1'-0")

2. BASEBOARD DETAIL
   (SCALE: 1/4"

3. WATER SERVICE DIAGRAM
   (SCALE: 1/4"

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**ROOF PLUMBING PLAN**

- **Silent Pipes**: Silent pipes shall be taken off bottom of main.
- **Control Valve**: Provide control valve at top level. Balance valve shall be located at accessible panel.
- **Enclosure**: Provide enclosure at top level.
- **Isolation Valve**: Isolation valve (typ.)
- **Thrust Block**: Provide thrust block at top level.
- **Check Valve**: Provide check valve at top level.
- **Restrictor**: Provide restrictor at top level.
- **Water Service Diagram**: Provide water service diagram at top level.

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**BASEBOARD DETAIL**

- **Silent Pipes**: Silent pipes shall be taken off bottom of main.
- **Control Valve**: Provide control valve at top level. Balance valve shall be located at accessible panel.
- **Enclosure**: Provide enclosure at top level.
- **Isolation Valve**: Isolation valve (typ.)
- **Thrust Block**: Provide thrust block at top level.
- **Check Valve**: Provide check valve at top level.
- **Restrictor**: Provide restrictor at top level.
- **Water Service Diagram**: Provide water service diagram at top level.

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**WATER SERVICE DIAGRAM**

- **Silent Pipes**: Silent pipes shall be taken off bottom of main.
- **Control Valve**: Provide control valve at top level. Balance valve shall be located at accessible panel.
- **Enclosure**: Provide enclosure at top level.
- **Isolation Valve**: Isolation valve (typ.)
- **Thrust Block**: Provide thrust block at top level.
- **Check Valve**: Provide check valve at top level.
- **Restrictor**: Provide restrictor at top level.
- **Water Service Diagram**: Provide water service diagram at top level.
1.3

ROUTE PIPING BELOW FLOOR (TYP.)

FOR BASEBOARD, BB-1 PIPING DETAIL, SEE (TYP.)

INSULATION (TYP.) 4"Ø

BARE PIPE ROUTED IN ENCLOSURE.

COORDINATE HEATER LOCATION IN WALL WITH ELECTRICAL PANEL. SEE ELECTRICAL.

1. FOR BOILER PIPING DIAGRAM, SEE 1/M0.2.

3. BRANCH PIPING TO INDIVIDUAL TERMINAL HEATING UNITS SHALL BE 3/4" UNLESS OTHERWISE INDICATED ON PLANS OR SCHEDULES.
ROUTE PIPING
BELOW FLOOR (TYP.)

INSULATION (TYP.)
EF-2

FOR BASEBOARD,
BB-1
PIPING DETAIL, SEE
(TYP.)

M1.03

EF-2
SEE
(TYP.)

BB-1
26'

M3.01

2A.2 - BED 1

2A.1 - BATH

2A.2 - HALL

2A.1 - BED 1

2A.2 - BATH

2A.1 - BED 2

2A.2 - HALL

HGR

5 L.F.

HGS

7 L.F.

HGR

7 L.F.

HGS

5 L.F.

HGR

4 L.F.

HGS

5 L.F.

HGR

4 L.F.

HGS

5 L.F.

HGR

5 L.F.

HGR

5 L.F.

HGR

5 L.F.

HGR

5 L.F.

HGR

5 L.F.

HGR

5 L.F.

HGR

5 L.F.

HGR

5 L.F.

HGR

5 L.F.

HGR

5 L.F.
*WEATHERPROOF RECEPTACLES

MOUNTING HEIGHTS COMPLY WITH ICC/ANSI A117.1-09 NECESSARILY APPLICABLE TO THIS PROJECT.

COORDINATE WITH CIVIL FOR EXACT LOCATION OF LIGHT FIXTURES, JUNCTION BOXES.

MIN 5' GRC SHALL BE USED FOR ENTRY INTO ALL JUNCTION BOXES AND POLES. CONDUIT SYSTEM.

THESE ARE TYPICAL MOUNTING HEIGHTS. NOT ALL DEVICES ARE

ABBREVIATIONS, LEGENDS, HANDHOLE.

REFERENCE BUILDING ELECTRICAL DISTRIBUTION DRAWINGS 3A FOR ADDITIONAL

ELECTRICAL SITE PLAN

GENERAL NOTES
1. MINIMUM NET CAPACITIES OF LIGHTING AND POWER SYSTEM CONDUITS SHALL BE MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO LOCAL AMENDMENTS IN SPECIFICATIONS FOR ADDITIONS, TRANSITIONS AND MANDATORY REQUIREMENTS.
2. ALL EXTERIOR FUSES AND MAIN CIRCUIT BREAKERS SHALL BE USED WITH CONDUCTORS WITH TYPE MCM, MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO LOCAL AMENDMENTS IN SPECIFICATIONS FOR ADDITIONS, TRANSITIONS AND MANDATORY REQUIREMENTS.
3. MINIMUM NET CAPACITIES OF TELECOMMUNICATION SYSTEM CONDUITS SHALL BE MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO LOCAL AMENDMENTS IN SPECIFICATIONS FOR ADDITIONS, TRANSITIONS AND MANDATORY REQUIREMENTS.
4. THE CONTRACTOR SHALL COMPLY WITH THE ELECTRICAL AND TELECOMMUNICATION UTILITIES FOR SERVICE ENTRY INTO ALL BUILDINGS. TRENCH AND FOUR FOOT HOUSING SHALL BE USED FOR RESIDENTIAL SERVICES ALONG WITH A HOUSE SERVICES (FOR MONITORS OF ALARM SYSTEMS).
STEEL PILE POLE BASE DETAIL

CONCRETE POLE BASE DETAIL

LIGHTING FIXTURE SCHEDULE

<table>
<thead>
<tr>
<th>TYPE</th>
<th>MANUFACTURER</th>
<th>NUMBER</th>
<th>DESCRIPTION</th>
<th>LUMENS</th>
<th>WP</th>
<th>WATTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1</td>
<td>PSE SYLVANIA</td>
<td>1</td>
<td>3000K FLOOD</td>
<td>750</td>
<td>15</td>
<td>150</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PANEL H</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOAD DESCRIPTION</td>
</tr>
<tr>
<td>3000W FLOOD</td>
</tr>
</tbody>
</table>

NOTES:
- All fixtures use 120V input voltage.
- All fixtures use 4" rigid metal conduit and conductors per plans or schedules.

Addendum: The following details are required for the pole and base connection:
- Pole base plate
- Anchor bolt pattern per manufacturer's template
- Pole base plate
- Anchor bolt pattern per manufacturer's template
- Pole
- Pole base plate
- Anchor bolt pattern per manufacturer's template
- Pole base plate
- Anchor bolt pattern per manufacturer's template
- Pole, as specified
- Hand hole access
- Top rebar exposed to pole foundation
- Bottom connection
- Hand hole access
- Base cover
- Direct space between concrete pole and base.

CONCRETE BASE FOUNDATION

PERMIT DOCUMENTS

SCALE: NTS

08/07/20
1. REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LIGHT FIXTURE LOCATIONS.

2. COMMON WALLS BETWEEN UNITS ARE FIRE RATED PER ARCHITECTURAL. PROVIDE LISTED FIRE RATED BOXES AND PUTTY PADS IN ACCORDANCE WITH IRC 714.3.2 TO PROVIDE FIRE RATING AS REQUIRED TO MAINTAIN FIRE RATING. DO NOT INSTALL DEVICES BETWEEN THE KITCHEN SPACE IN COMMONWALLS BETWEEN UNITS.

1. SWITCH INDICATED SHALL CONTROL LIGHT COMPONENT OF FAN/LIGHT COMBINATION UNIT SPECIFIED BY MECHANICAL. FAN COMPONENT TO BE CONTROLLED BY INTEGRAL MOTION SENSOR.

2. EXTERIOR LIGHT TO BE PROVIDED AT THE FIRST FLOOR UNITS ONLY. COORDINATE WITH ARCHITECTURAL FOR EXACT FINAL LOCATIONS.

3. THIS UNIT SHALL COMPLY WITH THE GUIDELINES AND REQUIREMENTS OF UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS). LIGHT SWITCHES AND CONTROLS SHALL COMPLY WITH SECTION 4.27, EMERGENCY WARNINGS SHALL COMPLY WITH 4.1 AND 4.28. ALL APPLICABLE SECTIONS SHALL BE FOLLOWED.
1. Reference architectural drawings for exact light fixture locations.

2. Common walls between units are fire rated per architectural. Provide listed fire rated boxes and putty pads in accordance with IRC 714.3.2 to provide fire rating as required to maintain fire rating. Do not install devices/boxes in the same stud space in common walls between units.

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THIRD FLOOR LIGHTING PLAN

GENERAL NOTES

1. Reference architectural drawings for exact light fixture locations.

2. Common walls between units are fire rated per architectural. Provide listed fire rated boxes and putty pads in accordance with IRC 714.3.2 to provide fire rating as required to maintain fire rating. Do not install devices/boxes in the same stud space in common walls between units.

SHEET NOTES

1. Switch indicated shall control light component of fan/light combination unit specified by mechanical. Fan component to be controlled by integral motion sensor.

SCALE: 3/16" = 1'-0"
GENERAL NOTES

1. PROVIDE TAMPER RESISTANT RECEPTACLES FOR ALL DWELLING UNIT RECEPTACLES IN ACCORDANCE WITH NEC 14-2.

2. PROVIDE CLEAR COVER OVER BOILER SWITCH.

3. PROVIDE SELF LIMITING HEAT TRACE (RAYCHEM GM-1X OR EQUAL) AT OVERFLOW EXHAUST FAN/AREA LIGHT COMBINATION UNIT. EXHAUST FAN CONTROLLED BY MOTION SENSOR. PROVIDE CLEAR COVER OVER BOILER Switch.

4. PROVIDE FIRE RATING AS REQUIRED TO MAINTAIN FIRE RATING. DO NOT INSTALL COMMON WALLS BETWEEN UNITS ARE FIRE RATED PER ARCHITECTURAL.

5. PROVIDE FIRE RATING AS REQUIRED TO MAINTAIN FIRE RATING. DO NOT INSTALL COMMON WALLS BETWEEN UNITS ARE FIRE RATED PER ARCHITECTURAL.

6. PROVIDE FIRE RATING AS REQUIRED TO MAINTAIN FIRE RATING. DO NOT INSTALL COMMON WALLS BETWEEN UNITS ARE FIRE RATED PER ARCHITECTURAL.

7. PROVIDE CLEAR COVER OVER BOILER SWITCH.

8. PROVIDE CLEAR COVER OVER BOILER SWITCH.

9. PROVIDE CLEAR COVER OVER BOILER SWITCH.

10. PROVIDE CLEAR COVER OVER BOILER SWITCH.

EQUIPMENT SCHEDULE

1. PROVIDE DOOR WALL SWITCH (CHROME & TRANSFORMER AS NECESSARY) IN ACCORDANCE WITH NEC 14-2.

2. PROVIDE DOOR WALL SWITCH (CHROME & TRANSFORMER AS NECESSARY) IN ACCORDANCE WITH NEC 14-2.

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39. PROVIDE DOOR WALL SWITCH (CHROME & TRANSFORMER AS NECESSARY) IN ACCORDANCE WITH NEC 14-2.

40. PROVIDE DOOR WALL SWITCH (CHROME & TRANSFORMER AS NECESSARY) IN ACCORDANCE WITH NEC 14-2.
1. PROVIDE TAMPER RESISTANT RECEPTACLES FOR ALL DWELLING UNIT RECEPTACLES IN ACCORDANCE WITH NEC 406.12

2. COMMON WALLS BETWEEN UNITS ARE FIRE RATED PER ARCHITECTURAL. PROVIDE LISTED FIRE RATED BOXES AND PUTTY PADS IN ACCORDANCE WITH IRC 714.3.2 TO PROVIDE FIRE RATING AS REQUIRED TO MAINTAIN FIRE RATING. DO NOT INSTALL DEVICES/BOXES IN THE SAME STUD SPACE IN COMMON WALLS BETWEEN UNITS.

1. PROVIDE CEILING MOUNTED 120V COMBO SMOKE/CARBON MONOXIDE ALARMS WITH BATTERY BACK UP AND FORM C RELAY. INTERCONNECT SMOKE/CO ALARMS TO ACTIVATE ALL ALARMS INSIDE EACH UNIT.

2. PROVIDE DOOR BELL SWITCH, CHIMES, & TRANSFORMER AS NECESSARY.

3. EXHAUST FAN/AREA LIGHT COMBINATION UNIT. EXHAUST FAN CONTROLLED BY MOTION SENSOR, REFERENCE LIGHTING PLAN FOR UNIT CIRCUITRY & AREA LIGHT CONTROL.

GENERAL NOTES

1. PROVIDE CEILING MOUNTED 120V COMBO SMOKE/CARBON MONOXIDE ALARMS WITH BATTERY BACK UP AND FORM C RELAY. INTERCONNECT SMOKE/CO ALARMS TO ACTIVATE ALL ALARMS INSIDE EACH UNIT.

2. PROVIDE DOOR BELL SWITCH, CHIMES, & TRANSFORMER AS NECESSARY.

3. EXHAUST FAN/AREA LIGHT COMBINATION UNIT. EXHAUST FAN CONTROLLED BY MOTION SENSOR, REFERENCE LIGHTING PLAN FOR UNIT CIRCUITRY & AREA LIGHT CONTROL.
GENERAL NOTES
1. MEETING THE ELECTRICAL REQUIREMENTS OF THE CONSUMER IS THE CONTRACTOR’S MANDATE. IN ADDITION, THIS CONTRACTOR IS REQUIRED TO ADHER TO THE RECOMMENDATIONS OF THE LOCAL MUNICIPALITY, THE ELECTRICAL CODES OF THE CONTRACTOR’S STATE, AND THE NATIONAL ELECTRICAL CODE. THE CONTRACTOR SHOULD PAY SPECIAL ATTENTION TO THE INSTALLATION, TESTING, AND MAINTENANCE OF ALL SYSTEMS TO ENSURE SAFE OPERATIONS FOR THE END-USER.
2. SHEET NOTES (INDICATED BY #)
   1. PROVIDE ALL INFORMATION ENCLOSED WITHOUT THE AGENDED OR ENDNOTES OR IS NOT INCLUDED IN THE SHEET NOTES.

SHEET NOTES
1. PROVIDE COMPLETE CABLING, CONNECTIONS, AND INSTALLATION IN COMPLIANCE WITH LOCAL ELECTRICAL CODES AND THE MANUFACTURER’S INSTALLATION INSTRUCTIONS.

DETAIL NOTES
1. PROVIDE COMPLETE CABLING, CONNECTIONS, AND INSTALLATION IN COMPLIANCE WITH LOCAL ELECTRICAL CODES AND THE MANUFACTURER’S INSTALLATION INSTRUCTIONS.

UTILITY / METERING GEAR
1. PROVIDE COMPLETE CABLING, CONNECTIONS, AND INSTALLATION IN COMPLIANCE WITH LOCAL ELECTRICAL CODES AND THE MANUFACTURER’S INSTALLATION INSTRUCTIONS.

STRUCTURED MEDIA PANEL DETAIL
2. PROVIDE COMPLETE CABLING, CONNECTIONS, AND INSTALLATION IN COMPLIANCE WITH LOCAL ELECTRICAL CODES AND THE MANUFACTURER’S INSTALLATION INSTRUCTIONS.

FEEDER SCHEDULE
<table>
<thead>
<tr>
<th>PANEL UNIT</th>
<th>CIRCUIT</th>
<th>LOAD</th>
<th>ENTERPRISE NOTES</th>
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</thead>
<tbody>
<tr>
<td>125A</td>
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<td>125A</td>
<td></td>
</tr>
<tr>
<td>125A</td>
<td>2</td>
<td>125A</td>
<td></td>
</tr>
<tr>
<td>125A</td>
<td>3</td>
<td>125A</td>
<td></td>
</tr>
<tr>
<td>125A</td>
<td>4</td>
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ELECTRICAL TRANSIENT LOAD CALCULATION - BUILDINGS 1A & 2B
<table>
<thead>
<tr>
<th>LOAD CATEGORY</th>
<th>PEAK LOAD (KVA)</th>
<th>LOAD FACTOR</th>
<th>TOTAL LOADING</th>
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<tbody>
<tr>
<td>APPLIANCE SUB-METER</td>
<td>5.000 kVA</td>
<td>1.000</td>
<td>5.000 kVA</td>
</tr>
<tr>
<td>TOTAL ELECTRICAL LOADING</td>
<td>8.000 kVA</td>
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FAULT CURRENT CALCULATION SUMMARY
<table>
<thead>
<tr>
<th>COMPONENTS</th>
<th>FAULT CURRENT (KA)</th>
<th>FAULT CURRENT (KA)</th>
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</thead>
<tbody>
<tr>
<td>SYSTEM 1</td>
<td>6.500</td>
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</tr>
<tr>
<td>SYSTEM 2</td>
<td>6.500</td>
<td>6.500</td>
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</tbody>
</table>

CONTRACTOR TO CONFORM TO ENTITY’S RECOMMENDATIONS FOR TRANSIENT LOADING AS IT APPLIES TO THIS LOCATION. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE COMPONENTS IN ACCORDANCE WITH THE MANUFACTURER’S INSTALLATION INSTRUCTIONS.
<table>
<thead>
<tr>
<th>TYPICAL UNIT A</th>
<th>SHEET NO.</th>
<th>SHEET NAME</th>
<th>REVISION SCHEDULE</th>
<th>#</th>
<th>DESCRIPTION</th>
<th>DATE</th>
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</thead>
<tbody>
<tr>
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<td>AUTOMATICAL, HIGH-CURRENT</td>
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<td>REC. - RANGE</td>
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</tr>
<tr>
<td>2</td>
<td>REC.</td>
<td>KITCHEN COUNTERTOP</td>
<td>1,500</td>
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</tr>
<tr>
<td>3</td>
<td>REC.</td>
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</tr>
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<td>4</td>
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</tr>
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<td>2,000</td>
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</tr>
<tr>
<td>7</td>
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</tr>
<tr>
<td>8</td>
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</tr>
<tr>
<td>9</td>
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<td>2,000</td>
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<table>
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<th>TYPICAL UNIT B</th>
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<tbody>
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<tr>
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<tr>
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<tbody>
<tr>
<td>1</td>
<td>REC.</td>
<td>AUTOMATICAL, HIGH-CURRENT</td>
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<tr>
<td>2</td>
<td>REC.</td>
<td>KITCHEN COUNTERTOP</td>
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<td>REFRIGERATOR</td>
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<td>CLOSET</td>
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<table>
<thead>
<tr>
<th>LIGHTING FIXTURE SCHEDULE</th>
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<tbody>
<tr>
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<tr>
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<td>06/21</td>
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