The major pedestrian thoroughfare is located on the south side of the building. This access is a major student walk to get from the Life Sciences and BNR building to the Natural Resources building.

Interior Design Approach:

- Wisely control water usage through the use of native and adaptive plantings, hardscape areas and vegetated open spaces.
- Reduce the heat island effect through the use of lighter in color roofing materials.
- The preference for the metal elements would be to use a zinc panel system, which requires minimal maintenance.
STAGING PLAN PHASING PLANS GENERAL NOTE:

WEST ADDITION . NORTH ENTRANCE PERSPECTIVE

WEST ADDITION . NORTH WEST VIEW

WEST ADDITION . WEST ELEVATION

WEST ADDITION . SOUTH WEST VIEW

WEST ADDITION . SOUTH ENTRANCE PERSPECTIVE

WEST ADDITION . SOUTH WEST VIEW

WEST ADDITION . SOUTH ENTRANCE PERSPECTIVE

WEST ADDITION . INTERIOR PERSPECTIVE

WEST ADDITION . BIRDS EYE PERSPECTIVE

WEST ADDITION . INTERIOR PERSPECTIVE

3D VIEW GENERAL NOTES

1. Three-dimensional views shown in this set of drawings are provided to help explain the overall concept and intent of the building design and are to be used for reference only.

2. Bidders are not to use these views to determine component types, quantities, assembly methods or any other information which relates to construction cost.

3. Renderings may also be available to view as 3D panoramic images by scanning the ‘QR’ code, or by clicking on the link in the PDF file. When using your phone, you can use a Google Cardboard headset for an immersive virtual environment.
GENERAL DEMOLITION NOTES

1. BIDDING. BRING DIFFERING DIMENSIONS AND CONDITIONS TO ARCHITECT’S ATTENTION BE COMPLETED PRIOR TO DEMOLITION OF BUILDINGS OR BUILDING ELEMENTS.

2. PROVIDE DUSTPROOF ENCLOSURES AT PERIMETER OF CONSTRUCTION & DEMOLITION FOR PROTECTION OF ADJACENT SPACES.

3. COORDINATE MAINTENANCE OF FIRE EGRESS FOR OCCUPANTS IN EXISTING BUILDING ENCLOSURES, EMERGENCY LIGHTS, ETC., FOR THE DURATION OF CONSTRUCTION.

4. BRING TO ARCHITECT’S ATTENTION EXISTING CONDITIONS THAT PRESENT ANY CODE VIOLATIONS, INCORRECT CONSTRUCTION OR SAFETY PROBLEMS. MAINTAIN EXISTING FIRE RATINGS, AND ASSOCIATED FIRE PROTECTION SYSTEMS (I.E. FIRE SPRINKLERS AND FIRE ALARM SYSTEMS) THROUGHOUT CONSTRUCTION. COORDINATE ANY INTERRUPTION TO THESE SYSTEMS WITH THE OWNER AND FIRE MARSHAL. PROVIDE FIRE WATCH REQUIREMENTS ASSOCIATED WITH INTERRUPTIONS TO THESE SYSTEMS.

5. PROTECT EXISTING STRUCTURE, FINISHES, AND SITE ELEMENTS NOT SCHEDULED FOR DEMOLITION. RESTORE DAMAGED ITEMS TO THEIR ORIGINAL CONDITION OR REPLACE AT CONTRACTOR’S EXPENSE.

6. REMOVE BUILDINGS TO BE DEMOLISHED IN THEIR ENTIRETY, INCLUDING CONCRETE FOOTINGS AND FOUNDATIONS. DISPOSE PER CITY REQUIREMENTS.

7. REMOVE AND DISPOSE SELECTIVE DEMOLITION MATERIAL PER CITY REQUIREMENTS.

8. PREPARE FOR TRANSPORT BY THE OWNER.

GENERAL SITE DEMOLITION NOTES

1. REFER TO CIVIL, LANDSCAPE AND ELECTRICAL SITE PLANS FOR ADDITIONAL DEMOLITION WHICH IS REQUIRED.

2. MAINTAIN EXISTING UTILITY SERVICES FOR EXISTING FACILITIES. COORDINATE REQUIRED DISRUPTION OF THESE SERVICES WITH OWNER PRIOR TO DISCONNECTING. PROVIDE TEMPORARY UTILITY SERVICES TO KEEP FACILITIES IN OPERATION DURING UTILITY RELOCATION INCLUDING BUT NOT LIMITED TO FIRE WATCHES, ELECTRICAL GENERATORS, ETC.

3. "FOR EXISTING UTILITIES TO BE REMOVED OR ABANDONED, CAP OR PLUG AND SEAL • SANITARY SEWER: CAP OR PLUG AND SEAL AT PROPERTY LINE. • CULINARY WATER: CAP OR PLUG AND SEAL AT MAIN PER CITY REQUIREMENTS; WORK SHALL BE WITNESSED BY AUTHORIZED CITY REPRESENTATIVE. • OVERHEAD POWER AND PHONE LINES: TERMINATE AT POLE PER UTILITY COMPANY.

4. REMOVING OR ABANDONING UTILITIES IN THE STREET SHALL INCLUDE NECESSARY TRAFFIC CONTROL, PAVEMENT SAW CUTTING, PAVEMENT DISPOSAL AND PAVEMENT RESTORATION AS PER CITY STANDARDS.

5. REMOVE TREES TO ALLOW CONSTRUCTION TO OCCUR.

6. REMOVE EXISTING LAWN AND TREES, SHRUBS AND PLANTER BEDS LOCATED WITHIN THE EXTENTS OF CONSTRUCTION, UNLESS NOTED OTHERWISE.

7. FIELD VERIFY LOCATION OF EXISTING SPRINKLER LINES AND CONTROLS IN LANDSCAPED AREAS AFFECTED BY DEMOLITION CONSTRUCTION. CAP OR REROUT LINES TO ACCOMMODATE LANDSCAPING UNAFFECTED BY CONSTRUCTION.

8. SHALL REMOVE TREES TO ALLOW CONSTRUCTION TO OCCUR.

9. CAP EXISTING DUCT WORK FOR DUST CONTROL.

PLUMBING AND ELECTRICAL

1. AFTER DEMOLITION, PRIOR TO FINISH, PATCH AND REPAIR EXISTING WALLS TO NOT IN CONTRACT.

2. PATCH & LEVEL EXISTING CONCRETE SLABS FOR NEW FINISHES WITH FLOOR LEVELING COMPOUND.

3. REPLACE SLAB AND TRENCH BY COMPACTING CLEAN GRAVEL IN 8 INCH LIFTS. DRILL #4 EPOXY A SMOOTH EVEN FLOOR. MAKE NECESSARY MODIFICATIONS TO MAINTAIN CIRCUIT INTEGRITY. REMOVE ELECTRICAL BOXES BEHIND RELOCATED MILLWORK AND CAP AS REQUIRED.

DEMO LEGEND

HALF - TONE LINE DENOTES ITEMS TO REMAIN

REFERENCES:

PLAN LEVEL 01

SCALE: 1/8" = 1'-0"
PLAN NOTES

1. WHERE FLOOR DRAINS ARE INSTALLED THE FLOOR IS TO SLOPE TO THE DRAIN. THE MAXIMUM SLOPE IS NOT TO EXCEED 2% WHILE THE MINIMUM SLOPE IS NOT TO BE LESS THAN 1%.

2. WHERE CONCRETE PADS ARE CALLED TO BE CONSTRUCTED UNDER EQUIPMENT THE SLAB IS TO BE 8" THICK, U.N.O., AND IS TO HAVE #4 BARS AT 18" O.C. EACH WAY. COORDINATE DIMENSIONS OF PAD WITH ACTUAL EQUIPMENT SPEC.

3. SEE SHEET A880 FOR TYPICAL FLOORING TRANSITION DETAILS.

4. THE CONTRACTOR IS TO ENSURE THAT BETWEEN ANY FINISH FLOOR ELEVATION TO 36" A.F.F. ALL GUARDRAILS ARE TO BE CONSTRUCTED AND INSTALLED SO THAT A 4 3/8" SPHERE WILL NOT PASS BETWEEN ANY TWO ADJACENT GUARDRAIL COMPONENTS OR BETWEEN THE EDGE OF A GUARDRAIL AND ALL ADJACENT BUILDING ELEMENT SUCH AS A WALL OR FLOOR. AN 4 3/8" DIAMETER SPHERE IS NOT TO PASS BETWEEN THE ABOVE MENTIONED COMPONENTS AND ELEMENTS FROM AN ELEVATION 36" A.F.F. AND HIGHER.

5. SEE DETAIL XX AND XXX ON SHEET AXXX FOR TYPICAL FIRE ExTINGUISHER CABINET INSTALLATION DETAILS.

KEYED NOTES
FINISH PLAN SYMBOLS

- WALL
- FLOOR
- SINGLE FINISH SYMBOLS INDICATE WHERE FINISHES ARE DIFFERENT FROM GENERAL ROOM FINISHES, OR PROVIDE ADDITIONAL FINISH INFORMATION
- CHANGE AT FLOOR MATERIAL
- SIGNAGE TAG
- NOTE: ALL SIGNAGE TO BE BY OWNER
- xxxx

GENERAL FINISH NOTES

1. PROVIDE EPOXY PAINT @ ALL WET AREAS INCLUDING ALL RESTROOMS & CUSTODIAL CLOSETS.
2. ALL FLOOR TRANSITIONS TO BE LOCATED AT CENTER OF DOOR, U.N.O. ALL FLOOR TRANSITIONS AT FLOOR TILE (F6 & F7) LOCATIONS TO BE LOCATED AT INSIDE CORNER OF DOOR.
3. PROVIDE A SMOOTH TRANSITION AT ALL FLOOR MATERIALS CONTRACTOR TO INSTALL ALL FLOOR FINISHES AT SAME LEVEL, DESPITE DIFFERENT THICKNESS. PROVIDE FLOOR TRANSITION WHERE OCCURS.
4. PROVIDE TILE W5: 4"X4" CERAMIC WALL TILE AT ALL JANITOR SINKS. PROVIDE TILE BULLNOSE TO FINISH OFF ALL EXPOSED EDGES.
5. PROVIDE TILES FOR FLOORING TRANSITION DETAILS.
6. ALL METAL GUARDRAILS, HANDRAILS, & STAIR STRINGERS TO BE PAINTED SEE FINISH LEGEND ON THIS SHEET FOR PAINT COLOR.
7. ALL EXPOSED CEILINGS TO BE PAINTED. REFER TO REFLECTED CEILING PLANS.
8. @ ALL TILE WAINSCOT, SCRIBE BOTTOM TILE TO MATCH FINISH FLOOR SURFACE & CAULK WITH BASE 'NB'.
9. ALL HOLLOW METAL DOORS & FRAMES SHALL BE PAINTED TO MATCH THE ADJACENT PAINTED WALL FINISH COLOR. WHERE PAINTED WALL FINISH DOES NOT OCCUR ADJACENT TO FRAMES/DOORS GC TO CONSULT W/ ARCHITECT FOR PAINT COLOR.
10. PROVIDE A SMOOTH TRANSITION AT ALL FLOOR MATERIALS CONTRACTOR TO INSTALL ALL FLOOR FINISHES AT SAME LEVEL, DESPITE DIFFERENT THICKNESS. PROVIDE FLOOR TRANSITION WHERE OCCURS.

NOT IN CONTRACT
NOTE: PORTIONS OF THIS BUILDING WILL BE OCCUPIED DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL EXISTING UTILITIES TO THE BUILDING AND REQUIRED EGRESS THROUGHOUT THE DURATION OF CONSTRUCTION.
1. Where floor drains are installed, the floor is to slope to the drain. The floor drain may be independent of applied finishes. See finish sheets & drain. The maximum slope is not to exceed 2% while the minimum slope is not to be less than 1%.

2. Designations on the plans for additional information regarding applied finishes.

3. The slab is to be 8" thick, U.N.O., and is to have #4 bars at 18" O.C. each way. Coordinate dimensions of slab with actual equipment.

4. The minimum requirements for construction of each partition type as expressed by the specifications & drawings. Such requirements also apply & shall be followed by the contractor.

5. The maximum dimensions of pad with actual equipment.

6. Use 5/8" thick gypsum board throughout unless noted otherwise.

7. Use 16" O.C. maximum stud spacing unless noted otherwise in these documents. The spacing stated by the referenced approval or test report is the maximum spacing if applicable.

8. Use studs of gage indicated on the drawings or in the specifications. The gage stated by the referenced approval or test report is the minimum gage tested, 20 GA.

9. Use studs of depth indicated by this set of documents. The depth stated by the referenced approval or test report is the minimum depth tested depth allowed in the next 24 hours. (This is to prevent condensation from covered walls causing a problem.)

10. Provide fire rated construction assemblies where indicated on sheets G100's & floor plans. See finishes, walls.

11. Wall types not noted are assumed to match adjacent rooms. See sheets for finishes, walls.

12. Sound attenuation blanket. Thickness to match stud depth, unless noted otherwise.

13. Refer to sheet A520 for typical interior wall conditions associated with all metal stud partitions.

14. Provide control joints in metal framed walls at approximately 30 feet on center.

15. At wall openings for penetration of pipes, ducts, devices, etc., gypsum board is to be cut to match the shape & dimension of the penetrating object & the gap between the object & the wall is to be sealed with acoustical or fire sealant on all sides with a 3/4" gap.

16. At wall openings for penetration of pipes, ducts, devices, etc., masonry is to be cut to match the shape & dimension of the penetrating object & the gap between the object & the wall is to be sealed with acoustical or fire sealant on all sides with a 3/4" gap.

17. Require to mount such devices. All blocking is to be fire retardant treated. Install temporary protection immediately following the topping out of each section of wall by installing waterproof sheathing over a continuous cap plate until the next 24 hours. (This is to prevent condensation from covered walls causing a problem.)

18. Protection of masonry: During construction, cover tops of walls, projections, & temperatures, cut to match the shape & dimension of the penetrating object & the gap between the object & the wall is to be sealed with acoustical or fire sealant on all sides with a 3/4" gap.

19. The temperature is expected to remain above 65 deg F & no precipitation is forecast for the next 24 hours. (This is to prevent condensation from covered walls causing a problem.)

20. The general contractor is to provide temporary protection immediately following the topping out of each section of wall by installing waterproof sheathing over a continuous cap plate until the next 24 hours. (This is to prevent condensation from covered walls causing a problem.)
GENERAL FINISH NOTES

1. PROVIDE EPOXY PAINT @ ALL WET AREAS INCLUDING ALL RESTROOMS & CUSTODIAL CLOSETS.

2. ALL FLOOR TRANSITIONS TO BE LOCATED AT CENTER OF DOOR, U.N.O. ALL FLOOR STUDIES TRANSITIONS AT FLOOR TILE (F6 & F7) LOCATIONS TO BE LOCATED AT INSIDE CORNER OF DOOR.

3. ALL PAINTED STEEL BRACING AND COLUMNS TO BE PAINTED P2, U.N.O.

4. ALL GROUT JOINTS TO BE NO LARGER THAN 1/8", U.N.O.

5. ACADEMIC COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.

6. ALL PAINTED STEEL BRACING AND COLUMNS TO BE PAINTED P2, U.N.O.

7. PROVIDE A SMOOTH TRANSITION @ ALL FLOOR MATERIALS CONTRACTOR TO INSTALL ALL FLOOR FINISHES @ SAME LEVEL, DESPITE DIFFERENT THICKNESS.

8. PROVIDE TILE W5: 4"X4" CERAMIC WALL TILE @ ALL JANITOR SINKS. PROVIDE TILE BULLNOSE TO FINISH OFF ALL EXPOSED EDGES.

9. ALL WOOD TRIM TO BE STAINED TO MATCH DOOR STAIN.

10. ALL COUNTERTOP, BACKSPLASHES, & EDGE BANDING TO HAVE COORDINATING FINISHES.

11. PROVIDE FLOOR TRANSITION WHERE OCCURS.

12. PROVIDE TILE W5: 4"X4" CERAMIC WALL TILE @ ALL JANITOR SINKS. PROVIDE TILE BULLNOSE TO FINISH OFF ALL EXPOSED EDGES.

13. SEE SHEET A574 FOR FLOORING TRANSITION DETAILS.

14. PROVIDE A SMOOTH TRANSITION @ ALL FLOOR MATERIALS CONTRACTOR TO INSTALL ALL FLOOR FINISHES @ SAME LEVEL, DESPITE DIFFERENT THICKNESS.

15. PROVIDE TILE BULLNOSE TO FINISH OFF ALL EXPOSED EDGES.

16. PROVIDE TILE BULLNOSE TO FINISH OFF ALL EXPOSED EDGES.

17. PROVIDE TILE BULLNOSE TO FINISH OFF ALL EXPOSED EDGES.

18. ALL HOLLOW METAL DOORS & FRAMES SHALL BE PAINTED TO MATCH THE ADJACENT PAINTED WALL FINISH COLOR. WHERE PAINTED WALL FINISH DOES NOT OCCUR ADJACENT TO FRAMES/ DOORS GC TO CONSULT W/ ARCHITECT FOR PAINT COLOR.

19. PROVIDE TILES AT ALL JANITOR SINKS. PROVIDE TILE BULLNOSE TO FINISH OFF ALL EXPOSED EDGES.

20. PROVIDE TILES AT ALL JANITOR SINKS. PROVIDE TILE BULLNOSE TO FINISH OFF ALL EXPOSED EDGES.
NOTE: PORTIONS OF THIS BUILDING WILL BE OCCUPIED DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL EXISTING UTILITIES TO THE BUILDING AND REQUIRED EGRESS THROUGHOUT THE DURATION OF CONSTRUCTION.
### Key Finish

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MECHANICAL BASIS OF DESIGN

USU Biology and Natural Resources Building

SCOPE:
The scope of this document outlines the mechanical engineering design for the new building located in Logan, Utah. This includes the design of mechanical systems such as heating, ventilation, and air conditioning (HVAC) systems, as well as plumbing and electrical systems.

1. HVAC DESIGN CRITERIA (as per USU Design Guidelines)

   a. General HVAC Requirements

   b. System Capabilities

   c. Design for Environmental Awareness

   d. Infiltration

   e. Energy Efficiency

2. VENTILATION REQUIREMENTS

   a. General Requirements

   b. Year Round Circulation Spaces, Lobbies: NC = 35

   c. Open Offices: NC = 40

   d. Meeting Rooms: NC = 35

   e. Conference Rooms: NC = 35

   f. Corridors: NC = 35

   g. Restrooms: NC = 35

3. EQUIPMENT SIZING

   a. Design for Future Growth

   b. Equipment Pad Design

   c. Equipment Pad Cooling

   d. Equipment Pad Heating

   e. Equipment Pad Cooling and Heating

4. PLUMBING SYSTEMS

   a. Design for Future Growth

   b. Equipment Pad Design

   c. Equipment Pad Cooling

   d. Equipment Pad Heating

   e. Equipment Pad Cooling and Heating

5. ELECTRICAL SYSTEMS

   a. Design for Future Growth

   b. Equipment Pad Design

   c. Equipment Pad Cooling

   d. Equipment Pad Heating

   e. Equipment Pad Cooling and Heating

6. FIRE PROTECTION

   a. Design for Future Growth

   b. Equipment Pad Design

   c. Equipment Pad Cooling

   d. Equipment Pad Heating

   e. Equipment Pad Cooling and Heating

7. INTEGRATION WITH OTHER SYSTEMS

   a. Design for Future Growth

   b. Equipment Pad Design

   c. Equipment Pad Cooling

   d. Equipment Pad Heating

   e. Equipment Pad Cooling and Heating

8. MECHANICAL BASIS OF DESIGN

   a. Design for Future Growth

   b. Equipment Pad Design

   c. Equipment Pad Cooling

   d. Equipment Pad Heating

   e. Equipment Pad Cooling and Heating

The mechanical engineering design for the new building at USU Biology and Natural Resources Building is designed to meet the latest codes and standards. The design includes a comprehensive approach to energy efficiency, environmental awareness, and future growth. The mechanical systems are designed to provide a comfortable indoor environment for the building occupants while minimizing energy consumption and environmental impact. The design also incorporates advanced features such as automated control systems and smart technologies to optimize performance and reduce costs. Overall, the design of the mechanical systems is tailored to meet the specific needs of the building and its occupants, ensuring a high level of comfort, productivity, and sustainability.
RESILIENT PADS TO RETARD IMPACT LOADS. (TYP.)
OPERATING GAP EQUAL TO HALF OF STATIC DEFLECTION OF THE ISOLATION MOUNTS. (5/8" MAX.)

EQUIPMENT BASE
FLOOR

STEEL ANGLES. TOP ANGLES MAY BE WELDED IN FIELD TO ADJUST OPERATING GAP
1/6" OVERSIZE HOLE OR IF LARGER USE WASHER AND WELD ALL AROUND ANCHOR BOLTS OR EXPANSION BOLTS OF SIZE REQUIRED BY RESTRAINT MANUFACTURER

NOTES:
1  DESIGN RESTRAINT DEVICES (ANGLES AND BOLTS) TO WITHSTAND 1.0g LATERAL AND VERTICAL LOADS.
2  INSTALL LATERAL RESTRAINING DEVICES ON ALL SIDES OF EQUIPMENT BASE

TYPICAL VIBRATION ISOLATION ASSEMBLY BOLTED TO EQUIPMENT BASE AND STRUCTURAL SUPPORT.

TRUNK TRUNK
TRUNK DUCT
DIRECTION OF
DIRECTION OF
BRANCH DUCT
90 CONICAL TEE
90 STRAIGHT TEE
90 ELONGATED TEE
2-WAY 45 Y
45 Y TEE

DUCT DUCT
DIRECTION OF
DIRECTION OF
AIR FLOW
AIR FLOW
AIR FLOW

PIPING DETAIL WITH 3-WAY AUTO-VALVE

NO SCALE

ROUND DUCT BRANCH TAKE-OFFS DETAILS

NO SCALE

TYPICAL PIPE SUPPORT DETAIL

NO SCALE

VAUX/VAC BOX PIPING DETAIL WITH 3-WAY AUTO VALVE

NO SCALE
(2) RECEIVER SHALL BE ASME STAMPED TO 150 PSIG.

(1) APT IS FURNISHED AS PART OF A HEAT TRANSFER PACKAGE. SEE STEAM TO HYDRONIC HEAT EXCHANGER SCHEDULE.

(4) COPPER BRAZED PLATE HEAT EXCHANGER. PLATE THICKNESS/MATERIAL IS 0.0157 INCH, AISI 316 STAINLESS STEEL. MAX WORKING PRESSURE 150 PSI AT 250-DEG-F.

(1) PROVIDE, INSTALL 6" MOISTURE SEPARATOR - ARMSTRONG DF-2 (OR EQUAL). INSTALL PER STEAM TRAP DETAIL.

(4) PUMP EQUIPPED WITH VFD SHALL BE PROVIDED WITH LARGEST SIZE IMPELLER WITHOUT CAUSING A MOTOR OVERLOAD CONDITION.

(1) PROVIDE TVS-4000 CONNECTOR WITH INTEGRAL STRAINER, ISOLATION VALVE, AND BLOWDOWN.

(3) SEE DRAWINGS FOR EXACT LOCATIONS, FLOWS, AND SIZES.

(2) PROVIDE DRIP PAN ELBOW ON OUTLET OF RELIEF VALVE.

(1) RECTANGULAR SILENCER

(1) PROVIDE TVS-4000 CONNECTOR WITH INTEGRAL STRAINER, ISOLATION VALVE, AND BLOWDOWN.

(3) END SUCTION, FLEX-COUPLED, BASE MOUNT, VERTICAL SPLIT CASE.
ABBREVIATIONS

GENERAL ELECTRICAL NOTES

DEFINITIONS

ELECTRICAL SHEET INDEX

REV DATE DESCRIPTION

USU BIOLOGY AND NATURAL RESOURCES (BNR) BUILDING ADDITION AND RENOVATION

DATE: VCBO NUMBER:

SALT LAKE CITY, UT 84102

REV DATE DESCRIPTION

800-678-7077

VCBO.COM

REV DATE DESCRIPTION

REV DATE DESCRIPTION
### SYMBOLS LEGEND

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<tr>
<td>A</td>
<td>Access Door Type #1 or as noted. See Schedule.</td>
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<tr>
<td>B</td>
<td>EXIT LUXURY: SENSITIVE TO TOUCH.</td>
</tr>
<tr>
<td>C</td>
<td>EXIT SIGN: SINGLE FACE; CEILING MOUNTED</td>
</tr>
<tr>
<td>D</td>
<td>FLEXIBLE WIRING</td>
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<tr>
<td>E</td>
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<tr>
<td>F</td>
<td>INTERCOM</td>
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<tr>
<td>G</td>
<td>GENERATOR, ANNUNCIATOR (ONE-LINE DIAGRAM).</td>
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<tr>
<td>H</td>
<td>INTRUSION DETECTION HEADEND EQUIPMENT.</td>
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<tr>
<td>I</td>
<td>LIGHTING CONTROL STATION.</td>
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<tr>
<td>J</td>
<td>LIGHTING CONTROL ROOM.</td>
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<tr>
<td>K</td>
<td>LIGHTING DISTRIBUTION DISTRIBUTION PANEL OR SWITCHBOARD.</td>
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<tr>
<td>L</td>
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### ELECTRICAL POWER AND DISTRIBUTION

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<tr>
<td>A</td>
<td>ACCESS DOOR TYPE #1 OR AS NOTED. SEE SCHEDULE.</td>
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<td>B</td>
<td>EXIT LUXURY: SENSITIVE TO TOUCH.</td>
</tr>
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<td>C</td>
<td>EXIT SIGN: SINGLE FACE; CEILING MOUNTED</td>
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<td>D</td>
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<tr>
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<td>G</td>
<td>GENERATOR, ANNUNCIATOR (ONE-LINE DIAGRAM).</td>
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<td>INTRUSION DETECTION HEADEND EQUIPMENT.</td>
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### INTERIOR LIGHTING FIXTURE SCHEDULE

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<th>DRIVER CONFIGURATION</th>
<th>VOLTAGE</th>
<th>WATTS</th>
<th>FINISH</th>
<th>DIFFUSER/LENS</th>
<th>REFLECTOR</th>
<th>OPTIONS</th>
<th>NOTES</th>
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<tr>
<td>1</td>
<td>32&quot; WALL MOUNTED LINEAR</td>
<td>Vision Engineering (LCOMN-)</td>
<td>HUBS</td>
<td>4000K</td>
<td>0-10V DIMMING</td>
<td>120/277</td>
<td>1000</td>
<td>CL</td>
<td>SGL</td>
<td>OP</td>
<td>AND DO NOT INCLUDE ANY TAXES.</td>
<td>ALLOWANCE AND REPORT ANY PROBLEMS TO THE ENGINEER BEFORE THE BID.</td>
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<td>-</td>
<td>-</td>
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<tr>
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<td>5500</td>
<td>CCBA</td>
<td>CGL</td>
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<tr>
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<td>120/277</td>
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<td>GS</td>
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<td>FS</td>
<td>SGL</td>
<td>OP</td>
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**ABBREVIATIONS:***

- D - DIAMETER
- H - HEIGHT
- L - LENGTH
- M - MOUNTING TYPE
- R - REFLECTOR
- T - THERMAL PROTECTION
- V - VOLTS
- W - WIDTH
- Y - YOKE

**GENERAL NOTES:***

- CONTRACTOR ALLOWANCE PRICES ARE ACCURATE WHEN THIS JOB WAS INSTALLATION CHANGES, WITHOUT FURTHER INPUT FROM THE CONTRACTOR OR INSTALLER.
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