GENERAL NOTES:

1. GRADE LINE DENOTES FINISHED GRADE WHERE SHOWN ON PLANS.
2. ALL PIPE, LINES, POWER, TELEPHONE, AND TELEGRAPH LINES TO BE MOVED OR LOWERED BY THE RESPECTIVE OWNERS AS PER AGREEMENT WITH SUCH OWNERS.
3. ANY EQUIPMENT OR APPURTENANCE THAT INTERFERES WITH THE PROPOSED CONSTRUCTION AND WHICH MAY BE THE PROPERTY OF UTILITY SERVICE ORGANIZATIONS SHALL BE MOVED BY THE OWNERS UNLESS OTHERWISE PROVIDED.
4. ALL LAND MONUMENTS, LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 1102 OF THE STANDARD SPECIFICATIONS.
5. ALL MULCHED AREAS THAT WERE DIRECTLY INTERFERED WITH THE PROPOSED CONSTRUCTION AND WHICH MAY BE THE PROPERTY OF THE OWNER OF THE LAND SHALL BE RESTORED TO THE CONDITION OF THE LAND AS IT EXISTED PRIOR TO THE INTERFERENCE WITH THE INTERFERENCE.
6. ALL TREES THAT WERE COMpletely REMOVED FOR THE PURPOSE OF THE CONSTRUCTION WORK. IF THE OWNERS HAVE ANY CONCERNS ABOUT THE SIDEWALKS OR THE PROPOSED CONSTRUCTION WORK, THEY ARE ADEQUATELY INSURED THAT ALL TREES NOT TO BE REMOVED SHALL BE HARMED AS LITTLE AS POSSIBLE DURING THE CONSTRUCTION OPERATIONS.
7. THE EXISTING CONCRETE SIDEWALK TO BE REMOVED FROM THE EXISTING SIDEWALK SHALL BE REMOVED BY SAWING ALONG A HEAT LINE. AFTER SAWING, THE SIDEWALK TO BE REMOVED SHALL BE CARFULLY REMOVED IN A MANNER THAT WILL NOT DAMAGE THE SIDEWALK THAT IS TO REMAIN AND ANY DAMAGE TO THE SIDEWALK THAT IS TO REMAIN IN PLACE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
8. ALL FLEXIBLE BASE AND ASPHALT PAVEMENTS REMOVED SHALL BE PAID FOR UNDER THE ITEM NO. 106- UNCLASSIFIED EXCAVATION.
9. THE EXISTING ASPHALT PAVEMENT TO BE REMOVED FROM THE REMAINING PAVEMENT SHALL BE REMOVED BY SAWING ALONG A HEAT LINE. AFTER SAWING, THE PAVEMENT TO BE REMOVED SHALL BE CARFULLY REMOVED IN A MANNER THAT WILL NOT DAMAGE THE PAVEMENT THAT IS TO REMAIN. ANY DAMAGE OF THE ASPHALT PAVEMENT THAT IS TO REMAIN IN PLACE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

OWNER:
ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
P.O. BOX 2261
LITTLE ROCK, ARKANSAS 72203-2261

CONTACT: RAY GRUVER, SECTION HEAD
MAINTENANCE DIVISION, FACILITIES MANAGEMENT SECT.
PHONE: 501-448-2000
FAX: 501-685-0287

OPERATOR:
ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
DESIGN FIRM ARCHITECTURE AND ENGINEERING
DANKER
475 NORTH SHORE DRIVE
ROCK PORT, ARKANSAS 72754
PHONE: 501-776-9663
FAX: 501-776-0287

ARCHITECT: JOHN RAMSEY, R.A.
MECHANICAL ENGINEER: LEE BUDD, P.E.
STRUCTURAL ENGINEER: DAVID CLEMENT, P.E.
ELECTRICAL ENGINEER: BRYAN MELTON, P.E.
CIVIL ENGINEER: THOMAS GRAHAM, P.E.

"I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION, AND I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH THE ARKANSAS FIRE PREVENTION CODE FOR THE STATE OF ARKANSAS."
GENERAL SITE NOTES:

1. CAUTION: UNDERGROUND UTILITIES LIE WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION. AN ATTEMPT HAS BEEN MADE TO LOCATE THESE UTILITIES ON THE PLANS, HOWEVER, ALL EXISTING UTILITIES MAY NOT BE SHOWN AND THE ACTUAL LOCATIONS OF THE UTILITIES MAY VARY FROM LOCATIONS SHOWN. PRIOR TO BEGINNING ANY TYPE OF EXCAVATION, THE CONTRACTOR SHALL CONTACT THE UTILITIES AND WEIGH ALL EXCAVATED AREAS. EXCAVATED AREAS SHALL BE EARTH FILLED OR COVERED BY THE CONTRACTOR BEFORE LEAVING THE JOB SITE EACH DAY.

2. GENERAL SITING TO BACK OF CURB, CENTER OF STREET, FACE OF BUILDING, EDGE OF PAVEMENT, OR PROPERTY LINE.

3. COORDINATES GIVEN FOR EACH AREA ARE FROM THE CENTER OF THE RADIUS.

4. THE CONTRACTOR IS RESPONSIBLE FOR THE APPROPRIATE BARRETTES AND SAFETY FENCING. TAKE PRECAUTIONS TO MAKE SURE THAT EXCAVATED AREAS ARE COVERED COMPLETELY FILLED OR COVERED BY THE CONTRACTOR BEFORE LEAVING THE JOB SITE EACH DAY.

5. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO EXISTING STRUCTURES, PAVEMENTS, AND UTILITIES.

6. THE CONTRACTOR SHALL MAINTAIN THE SITE IN AN ORDEALLY AND CLEAN FASHION.

7. ALL WASTE MATERIALS GENERATED FROM CONSTRUCTION SHALL BE TRANSPORTED TO AN APPROPRIATE DISPOSAL, IF APPLICABLE, EASEMENTS, AND CONNECTING IMPROVEMENTS, DRAIN PIPE, POWER POLES AND WIRE WIRE, WATER METERS AND WATER LINES, SEWER LINES, UNDERGROUND GAS, SEPTIC TANKS, AND ASPHALT, SHOWN AND NOT SHOWN, WITHIN CONSTRUCTION LIMITS AND SHALL REMAIN CLEANED, ALLOWED FOR ALL MATERIALS, INCLUDING CORROSION, TO BE EARTH FILLED AND AS 'UNCORRODED EXCAVATION.'

GENERAL UTILITY NOTES:

1. CAUTION: UNDERGROUND UTILITIES LIE WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION. AN ATTEMPT HAS BEEN MADE TO LOCATE THESE UTILITIES ON THE PLANS, HOWEVER, ALL EXISTING UTILITIES MAY NOT BE SHOWN AND THE ACTUAL LOCATIONS OF THE UTILITIES MAY VARY FROM LOCATIONS SHOWN. PRIOR TO BEGINNING ANY TYPE OF EXCAVATION, THE CONTRACTOR SHALL CONTACT THE UTILITIES AND WEIGH ALL EXCAVATED AREAS. EXCAVATED AREAS SHALL BE EARTH FILLED OR COVERED BY THE CONTRACTOR BEFORE LEAVING THE JOB SITE EACH DAY.

2. THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION AND SIZE FOR ALL EXISTING SMITH SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.

3. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION SUCH AS, BUT NOT LIMITED TO, UTILITY LINE, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.

4. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION OF ALL UTILITY ENTRANCES TO INCLUDE SANITORIAL SEWER LATERAL EXITS AND WATER SERVICE, ELECTRICAL, TELEPHONE, AND COAXIAL CABLE ENTRANCE LOCATIONS. THE CONTRACTOR SHALL LOCATE AND MARK EXISTING UTILITIES AT SUCH LOCATIONS AS TO AVOID CONFLICTS AND ENSURE PROPER RISERS AND ATTACHMENTS ARE INSTALLED. THE CONTRACTOR SHALL ENSURE PROPER ORIENTATION OF ALL UTILITIES AS LOCATED AND ENSURING THAT THE IN-CROSSITIONS PRIOR TO CONNECTING EXISTING FACILITIES.

5. THE CONTRACTOR SHALL BE COMPETENT TO THE FULLEST EXTENT WITH THE LATEST STANDARD OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND RELATED PROCESSES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION. THE CONTRACTOR SHALL BE COMPETENT TO ACCESS AND ENSURE THAT ALL EXCAVATION AND RELATED CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH PERFORMANCE CRITERIA FOR OSHA.

6. THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS TEN (10) FEET OR MINIMUM VERTICAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS EIGHTEEN (18) INCHES.

7. THE CONTRACTOR SHALL, ON ALL UTILITIES, COORDINATE INSPECTION WITH THE APPROPRIATE AUTHORITIES PRIOR TO COVERING TRENCHES AT INSTALLATION.

8. THE CONTRACTOR SHALL COORDINATE UTILITY INSTALLATIONS WITH LOCAL GOVERNMENT AUTHORITIES. PAYMENT ALL FEES BILLING THE UTILITIES ARE RESPONSIBLE FOR ALL FEES, METER FEES, ETC. SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

WATER NOTES:

1. ALL WATER LINES (12 INCHES OR LESS) SHALL BE FABRICATED FROM PVC C-900, DR-18.

2. ALL PVC WATER LINE MATERIALS SHALL BE BLUE.

3. ALL MECHANICAL JOINT BENDS USED ON WATER MAINS 4 INCHES AND LARGER SHALL BE REINFORCED WITH INTERIOR LINING MATERIALS UNLESS THEY ARE NOT NEEDED, NUCLEAR OR ELECTRICAL, OR OTHER USES ARE NOT NEEDED.

4. PROVIDE METALLIC TAPE ABOVE ALL WATER DISTRIBUTION LINE ROUTES. INCLUDE A 1" RUBBER TAPED CORNER SHIELD ABOVE ALL WATER PIPE, WIRE SHALL BE BURIED AT GRADE AT VALVE BOXES AND DRIP RADIANS.

5. PROVIDE CHLORINATION AND INDEPENDENT TESTING OF WATER SAMPLES NEARLY INSTALLED WATER MAIN AND SERVICE PIPING. IN ACCORDANCE WITH THE ARKANSAS DEPARTMENT OF HEALTH. EARLY TESTS AND TESTING SHALL BE PERFORMED BY A CERTIFIED LABORATORY QUALIFIED TO PERFORM WATER TESTING.

6. PROVIDE A MINIMUM COVER OF THIRTY (30) INCHES FROM FINISHED GRADE TO THE TOP OF THE PIPE UNLESS OTHERWISE SPECIFIED.

7. DO THROUGH-OUT BUTTERFLY TAPE SHALL BE BURIED 2 FEET ABOVE LINE.

8. ALL IRON PIPES AND FITTINGS SHALL BE POLYVAPEERED.

9. BENDING, SHAPING, AND CONSTRUCTION OF WATER LINES SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.

10. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 5 FULL BUSINESS DAYS PRIOR TO CLOSING A LANEWAY. IF THE CONTRACTOR FAILS TO GIVE THE PROPER NOTICE, THE LANECLOSE D并不意味 WILL NOT BE ALLOWED UNTIL 5 FULL BUSINESS DAYS AFTER THE NOTIFICATION WAS GIVEN.

11. THRE-Ass BLOCKS SHALL BE PROVIDED AT ALL HORIZONTAL, BENDS, TIES, AND FIRE HYDRANTS. SEE DETAILS.

12. REFERENCE ARCHITECTURAL PLANS FOR ALL SERVICE CONNECTION LOCATIONS.

13. ALL VERTICAL BENDS ON WATER MAIN SHALL BE REINFORCED WITH A MECHANICAL JOIN TING SUPPLIED WITH THE RETAINER CLAMP. ANY JOINT 20 FEET OR LESS IN LENGTH SHALL BE OF 6" SCREW, THE OTHER SIDE OF VERT CAL BEND SHALL BE REINFORCED WITH A RETAINER CLAMP.

SANITARY SEWER NOTES:

1. ALL GRAVITY PIPING 4-INCHES TO 15-INCHES IN DIAMETER SHALL BE PVC, ASTM D3035, SPEC 28 OR BETTER AND THE COLOR SHALL BE GREEN.

2. THE DEPTH OF COVER FOR FORCE MAIN, GRAVITY MAINS, AND LATERALS SHALL NOT BE LESS THAN 36-INCHES.

3. WASTEWATER GRAVITY OR FORCE MAINS SHALL MAINTAIN HORIZONTAL AND VERTICAL SEPARATION FROM WATER MAINS.

4. INSTALLATION OF PVC PIPE SHALL BE IN ACCORDANCE WITH ASTM D215. WHERE PVC ENTERS A MANHOLE, A SUITABLE MANHOLE COUPLER OR FLEXIBLE MANHOLE CONNECTOR SHALL BE INSTALLED IN THE MANHOLE WALL TO PROVIDE A WATER TIGHT CONNECTION.

5. ALL MANHOLE SHALL BE AT 4 FEET DIAMETER POLYVAP OR WITH PRECAST CONCRETE ACCORDING TO AST-M 567. MINIMUM MANHOLE WALL THICKNESSES SHALL BE 6 INCHES. MINIMUM MANHOLE ACCESS OF 24 INCHES IS REQUIRED. MAXIMUM DISTANCE BETWEEN MANHOLE SHALL BE 40 FEET.

6. MANHOLE COVERS SHALL BE LEVEL WITH THE PAVEMENT OR CONCRETE, AND 3 INCHES ABOVE THE FINISHED SURFACE IN GRASSY AREAS.

7. ALL MANHOLE PANS AND THE COVER SHALL BE CAST IRON, AND HAVE THE WORD 'SANITARY SEWER' MARKED IN EACH COVER.

8. ALL SERVICE LATERALS SHALL BE AT LEAST 4-INCH DIA, AND SHALL HAVE A SURFACE LEVEL WITH THE GROUND CLEAN-out MADE OF PVC, AND INLET. THE CLEANOUT SHALL BE ENCLOSED WITH AN 18- INCH SQUARE OR ROUND BY 6 INCH THICK COLLAR.

9. ALL SERVICE LATERALS CONNECTING TO THE COLLECTION LINES SHALL HAVE GASKET NIPPLE FITTINGS MADE OF PVC, WHICH WILL BE HELD IN PLACE WITH STAINLESS STEEL BANDS.

10. PROVIDE METALLIC TAPE ABOVE ALL WATER LINE AND FORCE MAIN ROUTES. INCLUDE A 1" RUBBER TAPE ALONG SIZE OF PIPE. WIRE SHALL BE BURIED AT GRADE AT VALVE BOXES.

11. REFERENCE ARCHITECTURAL PLANS FOR ALL BUILDING SERVICE CONNECTION LOCATIONS.

12. COORDINATES OR DIMENSIONS SHOWN ARE TO CENTEPSEE OF PIPE OR TO CENTER OF MANHOLE.

13. CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING ALL APPLICABLE FEES FOR SANITARY SEWER INSTALLATION INCLUDING, BUT NOT LIMITED TO, TAPPING FEES, ETC.

GENERAL GRADING/DRAINAGE NOTES:

1. PAVING MARKINGS SHALL COMPLY WITH THE STANDARDS SET FORTH IN THE 2015 EDITION OF THE "MANSION ON UNIFORM TRAFFIC CONTROL DEVICES" BY THE U.S. DEPARTMENT OF TRANSPORTATION.

2. THE CONTRACTOR WILL BE RESPONSIBLE FOR ADEQUATE ERIOSION CONTROL MEASURES. THESE MEASURES WILL SATISFY SECTION 106 OF THE STANDARDS SPECIFICATIONS. SPECIALLY PRODUCTIVE THE REQUIREMENTS OF THE ARKANSAS DEPARTMENT OF NATURAL RESOURCES. PERMIER CONTROLS SHALL BE PLACED AT CURB, CENTER OF STREET, FACE OF BUILDING, EDGE OF PAVEMENT, OR PROPERTY LINE.

3. SEED, FERTILIZE AND MULCH AREAS DISTURBED BY CONSTRUCTION EXCEPT AREAS TO BE PAVED. COMPLY WITH THE STANDARDS SET FORTH IN THE 2015 EDITION SPECIFICATIONS.

4. CONTRACTOR SHALL EMPLOY A QUALIFIED MATERIALS TESTING LABORATORY. ACCEPTABLE TO THE ENGINEER TO PROVIDE TESTING SERVICES DURING CONSTRUCTION. TEST RESULTS SHALL BE PROMPTLY SENT TO THE ENGINEERING.

5. CONTRACTOR SHALL MAINTAIN BENCHMARKS ON SITE UNTIL THE END OF CONSTRUCTION.

TELEPHONE AND COMMUNICATION NOTES:

1. REFERENCE ARCHITECTURAL DOCUMENTS FOR ALL BUILDING SERVICE CONNECTIONS.

2. ALL WORK SHALL BE COMPLETED TO AT&SF SPECIFICATIONS AND STANDARDS.

POWER NOTES:

1. REFERENCE ARCHITECTURAL DOCUMENTS FOR ALL BUILDING SERVICE CONNECTIONS.

2. ALL WORK SHALL BE COMPLETED TO ENERGY SPECIFICATIONS AND STANDARDS.

SITE SYMBOL LEGEND

- Utility Location
- Property Line
- Retaining Wall
- Street
- Building
- Parking Area
- Sidewalk
- Drainage Channel
- Storm Sewer
- Water Main
- Gas Main
- Telephone Line
- Electric Line
- Telephone Pole
- Electric Pole
- Property Line
- Public Right-of-Way
- Street Lighting
- Underground Storage Tank
- Septic Tank
- Septic Field
- Septic Field Line
- Septic Field Valve
- Septic Field Manhole
- Septic Field Access Chamber
CONNECT TO EXIST 4" WATER LINE AT ACCESS ROAD NEAR UNDERWIND (APPROX 681.7'). MAINTAIN SEPARATION BETWEEN WATER AND SANITARY SEWER SERVICES.

CONNECT EXISTING 8" WATER LINE AT ACCESS ROAD NEAR UNDERWIND (APPROX 681.0'). MAINTAIN SEPARATION BETWEEN WATER AND SANITARY SEWER SERVICES.

AFTER INSTALLATION OF NEW WATER LINE CUT AND GAP EXIST 3" WATER LINE. ABANDON IN PLACE.
DEMOLITION PLAN (EASTBOUND)

SCALE: 1" = 20'

- REMOVAL AND DISPOSAL OF FENCES 47 LF
- REMOVAL AND DISPOSAL OF SANITARY SEWER LINE 35 LF
- REMOVAL AND DISPOSAL OF EXISTING BUILDINGS 3 EACH
- REMOVAL AND DISPOSAL OF WATER LINE 20 LF
- REMOVAL AND DISPOSAL OF WATER LINE 10 LF
- REMOVAL OF PERMANENT PAVEMENT MARKINGS 90 LF
- REMOVAL OF PERMANENT PAVEMENT MARKINGS 2 EACH
- REMOVAL AND DISPOSAL OF CURB AND GUTTER 10 LF
- REMOVAL AND DISPOSAL OF CURB AND GUTTER 2 EACH
- REMOVAL AND DISPOSAL OF LIGHT POLE 1 EACH, SEE SHEET SE-101
- CLEARING AND GRUBBING TREES 0.10 AC

SCALE: 1" = 20'
DEMOLITION PLAN (WESTBOUND)

- Removal and disposal of sanitary sewer line 5 LF
- Removal and disposal of water line 25 LF
- Removal and relocation of light pole 1 EACH
- See Sheet 85-101
- Removal and disposal of concrete walks 105 SQ YD
- Clearing and grubbing of trees 1 EACH
- Removal and disposal of curb and gutter 18 LF

DEMOLITION PLAN (EASTBOUND)

- Removal and disposal of concrete walks 113 SQ YD
- Removal and disposal of curb and gutter 18 LF
- Protect exist. light pole (to remain)
- Removal and disposal of existing buildings 1 EACH
- Removal and disposal of water line 72 LF
- Removal and disposal of existing buildings 1 EACH

SCALE: 1' = 20'
NORTH
KEYED NOTES

1. REPLACE EXISTING LIGHT FIXTURE WITH FIXTURE TYPE SA. REFER TO LIGHT FIXTURE SCHEDULE SHEET ON E-822 FOR FIXTURE DETAILS. REUSE EXISTING POLE, CONDUIT, AND WIRE.

2. REPLACE EXISTING LIGHT FIXTURE WITH FIXTURE TYPE SB. REFER TO LIGHT FIXTURE SCHEDULE SHEET ON E-822 FOR FIXTURE DETAILS. REUSE EXISTING POLE, CONDUIT, AND WIRE.

3. RELOCATE EXISTING LIGHTING STANDARD TO NEW LOCATION. REPLACE EXISTING LIGHT FIXTURE WITH FIXTURE TYPE SA. REFER TO LIGHT FIXTURE SCHEDULE SHEET ON E-822 FOR FIXTURE DETAILS. EXTEND EXISTING CONDUIT AND WIRE AS REQUIRED.

4. EXTEND EXISTING LIGHTING CIRCUIT TO NEW PANEL TR.

FOR INFORMATION ONLY

TYPE SA  14 LOCATIONS
TYPE SB  12 LOCATIONS
CLEARING AND GRUBBING

CONSTRUCTION SEQUENCE
1. PLACE PERMITTER CONTROLS (L.G. SALT FENCE), DIVERSION DITCHES, SEEDING MATERIAL.
2. PERFORM CLEARING AND GRUBBING OPERATION.

EXCAVATION

EXISTING GROUND
INTERCEPTOR OR DIVERSION DITCH

NOTE: NUMBER OF PHASES WILL VARY, THREE PHASES SHOWN FOR ILLUSTRATION

GENERAL NOTE
ALL CUT PLACES SHALL BE PROPERLY PREPARED, SEEDED AND MAINTAINED AS THE WORK PROGRESSES. SLOPES SHALL BE EXCAVATED AND STABILIZED IN EQUALLY INCREMENTS NOT TO EXCEED 25 FEET / HORIZONTAL VERTICALLY.

CONSTRUCTION SEQUENCE
1. EXCAVATE AND STABILIZE INTERCEPTOR AND/OR DIVERSION DITCHES.
2. PERFORM PHASE 1 EXCAVATION, PLACE PERMANENT OR TEMPORARY SEEDING.
3. PERFORM PHASE 2 EXCAVATION, PLACE PERMANENT OR TEMPORARY SEEDING.
4. PERFORM FINAL PHASE OF EXCAVATION, PLACE PERMANENT OR TEMPORARY SEEDING.
5. SEED CUT SLOPES WITH SEED AND/or OTHER EROSION CONTROL DEVICES AS REQUIRED.

EMBANKMENT

CONSTRUCTION SEQUENCE
1. CONSTRUCT EMBANKMENT CONSTRUCTION DITCH (DIFFERENT SEDIMENT BASED, SALT FENCES, GRASS SEEDING MATERIAL, SEEDING DEVICES AS SPECIFIED)
2. PLACE EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING
3. PLACE EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING
4. PLACE EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING
5. PLACE FINAL PHASE OF EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING
6. SEED EMBANKMENT CUT SLOPES AND SEEDING MATERIAL IN PLACE UNTIL ENTIRE SLOPE IS STABILIZED

GENERAL NOTE
ALL EMBANKMENT SLOPES SHALL BE PROPERLY PREPARED, SEEDED AND MAINTAINED AS THE WORK PROGRESSES. SLOPES SHALL BE EXCAVATED AND STABILIZED IN EQUALLY INCREMENTS NOT TO EXCEED 25 FEET / HORIZONTAL VERTICALLY.

ARKANSAS STATE HIGHWAY COMMISSION
TEMPORARY EROSION CONTROL DEVICES
STANDARD DRAWING TEC-3
RAMP SELECTION CRITERIA

1. FIRST CHOICE
   - NEW CONSTRUCTION
   - Type A: Conform to the slope and width of the curb
   - Type B: Slope and width of the curb

2. SECOND CHOICE
   - REDESIGN
   - Type A: Slope and width of the curb
   - Type B: Slope and width of the curb

3. THIRD CHOICE
   - ALTERNATIONS
   - Type A: Existing ramp
   - Type B: Existing ramp

4. FOURTH CHOICE
   - ALTERNATIONS
   - Type A: Existing ramp
   - Type B: Existing ramp

NOTE: The selection of the type of wheelchair ramp to be constructed shall be based on the availability of proper materials and the need for the ramp to be constructed. The order in which the ramps are to be considered is listed in the table above.
COLUMNS, see Finish Schedule

24" x 21/2" STEEL BRACKET
4 x 4 x 1/4" STEEL TUBE COLUMN, TYPICAL

GATE PIVOT DETAIL

1" INSIDE Ø SLEEVE, WELD TO GATE ANGLE, TYPICAL
3/8" Ø X 1/2" SLEEVE, SUNK 2" INTO GROUT FULLED CML, TYPICAL

COLUMN HEAD DETAIL - FRONTAL

COLUMN HEAD DETAIL - SIDE

24 x 21/2" STEEL ANGLE, TYPICAL, AT DOOR PERIMETER AND BRACING AS INDICATED

10 GAUGE, 2" X 1" H. WIRE WIRE MESH, WELD TO PERIMETER STEEL ANGLE, TYPICAL.
NOTE: ALIGN EXTERIOR FACE OF METAL SIDING WITH EXTERIOR FACE OF MANUFACTURED STONE MASONRY

ENTRY ROOF DETAIL

S-10 POLYURETHANE INSULATION, TYPICAL
COWATER BARRIER - EXTEND UP WALL 12" MIN., TYPICAL
METAL DECK, SEE STRUCTURAL
METAL TRUSSES, SEE STRUCTURAL

SPRAY FOAM INSULATION SEALANT AGAINST ROOF DECK

2-1/2" 16 GA. ZINC-FURRING AT 24" O.C., VERTICAL; TYPICAL AT METAL SIDING
METAL STUD FRAMING, SEE STRUCTURAL
PRE-FINISHED METAL SIDING STARTER CLIP AND DRIP, TYPICAL
PRE-FINISHED METAL ROOF CLOSURE AND FLASHING, TYPICAL
METAL DECK, SEE STRUCTURAL
METAL FRAMING, SEE STRUCTURAL
PRE-FINISHED METAL ROOF, TYPICAL
PRE-FINISHED METAL CLOSURE AND DRIP, TYPICAL
PRE-FINISHED METAL FASCIA AND DRIP EDGE, TYPICAL

R-10 ULTRA POLYURETHANE INSULATION, IN STUD SPACE, TYPICAL
1/2" FIBERGLASS MATT CRYPTO SHEATHING
SPRAY-APPLIED AIR BARRIER MEMBRANE TO EXTERIOR FACE OF ROOF INSULATION.
GENERAL NOTES:
1. DESIGN CODES - ALL LATEST EDITIONS UNLESS NOTED OTHERWISE:
   - ACI 318-11
   - ASCE 7-10, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
   - AISC 360-10

2. MATERIAL SPECIFICATIONS AND DESIGN STRESSES:
   - ANCHOR BOLTS: Fy = 60,000 PSI (ASTM F1554 VAILABLE)
   - STRUCTURAL STEEL: Fy = 50,000 PSI (ASME, IF AVAILABLE)
   - GLASS: LOCALLY ASTM A324, GRADE 30)
   - STRUCTURAL STEEL: Fy = 50,000 PSI (ASTM A572, GRADE 50)
   - TYPICAL CONNECTIONS:
     - CAST-IN-PLACE CONCRETE:
       - FOOTINGS: Fc = 4000 PSI @ 28 DAYS
     - CONCRETE INFILL: Fc = 4000 PSI @ 28 DAYS
     - SILL BEAMS: Fc = 4000 PSI @ 28 DAYS

3. BUILDING PIPING:
   - PIPING UNDERGROUND TO A DEPTH OF 3 FEET BELOW THE FOOTING BREAMING ELEVATION (APPROXIMATELY 4 FOOT BELOW EXISTING GRADE)
   - INSTALL PIPE ABOVE AT LEAST 6 INCHES OFF THE BUILDING UNITS TO THE EXTENT POSSIBLE
   - AFTER GRADING AND GRADES, BUT PRIOR TO PLACING ANY FILL, THE SURFACE SHOULDN'T BE ROPED OFF WITH A RIVETED, TIED LOADER, LOADED TANDEM TRUCK OR PICKUP Truck, OR ANY EQUIPMENT.
   - SOFT ANCHOR LOOSE ZONES SHOULD BE UNDERCUT AND BE REPURPOSED AND CORRECTED OR REPLACED WITH SELECT BM27523 OR BM27524.
   - BQ OF PIPE, GRAY OR BLACK, IS RECOMMENDED, OR BURIED ON BARIO IN THE BUILDING AREAS. IMPORTED BORRERO OR FULL BURIED CONCRETE SHOULD CONSIST OF LOW-PERMEABILITY CLAY-BASED, 6" THICK BURIED WITHIN 5 FEET OF ANY BORING." AN IN BURIED AREAS SHOULD BE COMPRESSED TO A MINIMUM OF 10% OF THE STANDARD CONCRETE (4730-7" 9" MAX) WITH A MAXIMUM DRY DENSITY WITHIN A VACUUM CONTENTAGE OF 150% AND PLUS AN EXACT OF 0.15% TO 0.35% OF THE MAXIMUM VALUE. 

4. VIVACE:
   - FLOODING VIVACE: FV = 100 PSF
   - ELEVATED SILL BEAMS: FS = 100 PSF

5. BUILDING PARAMETERS (ACI 7-10):
   - GENERAL WIND SPEED: 115 MPH
   - WIND EXPOSURE CATEGORY: D
   - INTRA-PERSONAL WIND COEFFICIENT: 0.15
   - COMPONENTS AND CLADINGS: N/A

6. LOAD PARAMETERS (ACI 7-10):
   - GROUND LOAD, Fg = 1000 PSF
   - UNIFORM LOAD, FR = 1000 PSF
   - SILL BEAMS: Fc = 1000 PSF
   - LOAD IMPACT FACTOR: 1.0

7. SEISMIC CONDITIONS:
   - SITE CLASS: E
   - SPECTRAL RESPONSE ACCELERATION COEFFICIENTS: Sa = 0.057 / S = 0.019
   - DAMPING, SITE CLASS B: 5%
   - DAMPING, SITE CLASS C: 5%
   - DAMPING, SITE CLASS D: 5%

8. SEISMIC DESIGN:
   - IMPACT FACTOR: 1.0
   - ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE METHOD
   - SEISMIC RESISTING SYSTEM: SPECIAL REINFORCED MASONRY SHEAR WALLS, RWA (H-650, H-650)

9. MAINTENANCE:
   - BUILDING WIND LOADS TABLE:

<table>
<thead>
<tr>
<th>MARK</th>
<th>AREA 1</th>
<th>AREA 2</th>
<th>AREA 3</th>
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10. TRUCKER-VENDING BUILDING WIND LOADS TABLE:

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<thead>
<tr>
<th>MARK</th>
<th>AREA 1</th>
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<td>51.2F</td>
<td>54.9F</td>
<td>85.3F</td>
</tr>
<tr>
<td>3</td>
<td>85.3F</td>
<td>85.3F</td>
<td>85.3F</td>
</tr>
</tbody>
</table>

11. GENERAL INFORMATION:
   - PRIOR TO FABRICATION AND INSTALLATION, ALL MATERIALS,IfExists ALL PERTINENT EXISTING DIMENSIONS, ELEVATIONS, AND CONDITIONS REPORT ANY DIFFERENCES TO THE ENGINEER.
   - FABRICATION OF CONCRETE PIPE ON SITE IS NOT PERMITTED UNLESS APPROVED BY THE ENGINEER.
   - ANCHOR BOLTS TO BE USED WITH (2) 1-1/2" 1'-1/2" TO EACH ANCHOR BOLT.
   - THE STRUCTURAL DESIGNER WILL BE RESPONSIBLE FOR ALL STRUCTURAL DRAWINGS.
   - ALL DRAWING SPECIFICATIONS AND DETAILS ARE SUBJECT TO THE ENGINEER'S APPROVAL.
   - MAINTENANCE AND INSPECTION OF STRUCTURAL DRAWINGS WILL BE COORDINATED WITH THE STRUCTURAL ENGINEER.

CAST-IN-PLACE CONCRETE:
1. UNDERGROUND PIPE, EMBRACE ALL INTERIOR FLOOR SLABS, SLABS-ON-GRADE, PLACE A MINIMUM 10 CM, VAPOR BARRIER ON TOP OF 4" OF COMFECTED CLEAN, CRUSHED STONE DIRECTLY BELOW THE SLABS-ON-GRADE CONSTRUCTION.
2. THE FAILURE OF ANY COMPONENT IS TO BE SPECIFIED IN THE FOUNDATION ENGINEER'S TECHNICAL NOTES.
3. PROVIDE SUITABLE WIRE SPACING, CHARMS, TIES, ETC. FOR SUPPORTING CONCRETE reinforcing steel to the proper position when placing the concrete.
4. REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A616, GRADE 60.
5. THE USE OF IN-PLACE REINFORCING STEEL SHALL BE IN ACCORDANCE WITH THE DETAILS OF A319-04, "DETAILS OF CONCRETE REINFORCEMENT.
6. LAYERS OF CONCRETE PLACEMENT, ESTIMATED LAYERS, SHOWN ON THE DRAWINGS.
7. LAYERS OF CONCRETE PLACEMENT, SHOWN ON THE DRAWINGS, MAY BE SHORTENED AS REQUIRED.
8. CAST-IN-PLACE CONCRETE:
   - EMBRACE ALL INTERIOR FLOOR SLABS, SLABS-ON-GRADE, PLACE A MINIMUM 10 CM, VAPOR BARRIER ON TOP OF 4" OF COMFECTED CLEAN, CRUSHED STONE DIRECTLY BELOW THE SLABS-ON-GRADE CONSTRUCTION.
   - THE FAILURE OF ANY COMPONENT IS TO BE SPECIFIED IN THE FOUNDATION ENGINEER'S TECHNICAL NOTES.

CONCRETE COVER FOR CAST-IN-PLACE NON-PRESTRESSED CONCRETE FOR BUILDING:

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>SINGLE LAYER</th>
<th>TWO LAYERS</th>
<th>REMARKS</th>
</tr>
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<tbody>
<tr>
<td>SLABS ON GRADE</td>
<td>1&quot;</td>
<td>1&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>BEARS</td>
<td>SLAB TOUNDOV</td>
<td>1&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>COLUMN FOOTINGS</td>
<td>3&quot;</td>
<td>3&quot;</td>
<td>3&quot;</td>
</tr>
</tbody>
</table>

TRUCKER-VENDING BUILDING WIND UPLIFT DIAGRAM (ROOF):
CMU WALL REINFORCING LEGEND

- CMU WALL REINFORCED WITH 1 x 3" OA VERT AND HORIZ BOND BEAMS AT 1' OC REINFORCED WITH 1#.
- CMU WALL REINFORCED WITH 3 x 1" OA VERT AND HORIZ BOND BEAMS AT 1' OC REINFORCED WITH 1#.

FOUNDATION PLAN

SCALE: 1" = 1'-0"

PROJECT NORTH

1

S-131

ROOF FRAMING PLAN

SCALE: 1" = 1'-0"

PROJECT NORTH

1
1. DETAIL - TYPICAL SLAB JOINTS

2. DETAIL - REINF AT CONSTRUCTION JOINT

3. DETAIL - FOOTING REINFORCING
EQUIPMENT SCHEDULE

UNIT 1 AND UNIT 2

RESIDOR FLOOR ELECTRIC UNIT HEATER OR EQUAL. 10 KW, 700 CFM, 240 V.
Provide with wall mounting bracket and mount with top of unit 12" below ceiling. Provide with wall mounted thermostat.

UNIT 1

greenheck model. se1-13-442 propeller exhaust fan or equal. 1200 cfm at 0.29 eep. 120 v. 1/8 hp. 1/6 square wall opening. Provide with flush exterior gravity backdraft damper and interior (sw) louver.

UNIT 1

rubin model. bld0370pxs combination louver or equal. 24"x32" size. 1.84 sq. ft. free area. with integral damper and linkage, and in-screen stainless finish to match building color. provide 120 volt damper actuator and interlock on ef-1.

CONTROL NOTES

1. FAN SHALL BE CONTROLLED BY AN ADJUSTABLE OPEN-ON-RISE THERMOSTAT. FAN SHALL ENGAGE WHEN THE SPACE TEMPERATURE RISES ABOVE THE THERMOSTAT SETPOINT. THERMOSTAT SHALL BE ADJUSTABLE FROM 90°F TO 100°F.
2. FAN SHALL ALSO BE PROVIDED WITH A MANUAL OVERRIDE TO ENERGIZE THE FAN MANUALLY WHEN ENGAGED.
3. FAN SHALL BE INTERLOCKED WITH UNIT 1. UNIT 1 SHALL BE OPEN WHEN EF-1 IS ENERGIZED AND CLOSE WHEN EF-1 IS DE-ENERGIZED.

UNIT 1

1. UNIT FAN AND HEATING COIL SHALL ENGAGE WHEN THE WALL MOUNTED THERMOSTAT CALLS FOR HEATING.

GENERAL NOTES

1. COORDINATE THE WORK OF THIS SHEET WITH ALL OTHER TRADES PRIOR TO STARTING CONSTRUCTION.
2. ALL LISTED ELEVATIONS ARE TO THE BOTTOM OF DUCTWORK/EQUIPMENT UNLESS OTHERWISE NOTED.
3. IF SPACE IS NOT ENOUGH TO PROVIDE SEISMIC RESTRAINT, THE CONTRACTOR IS RESPONSIBLE TO PROVIDE SEISMIC BRACING AS REQUIRED FOR THE MECHANICAL SYSTEMS ON THIS PROJECT. ALL SEISMIC RESTRAINTS SHALL BE DESIGNED AND STAMPED BY A REGISTERED PROFESSIONAL STRUCTURAL ENGINEER.

KEYED NOTES

MOUNT LOUVER WITH BOTTOM 1/8" APP

MOUNT FAN WITH TOP 1/8" BELOW CEILING

MOUNT UNIT HEATER WITH TOP 12" BELOW CEILING

MAINTENANCE

FLOOR PLAN

PROJECT NORTH

SCALE 1/4" = 1'-0"

FLOOR STORAGE

LEGEND

MECHANICAL EQUIPMENT (TYP.)

CEILING SUPPLY AIR DIFFUSER (TYP.)

CEILING RETURN AIR GRILLE (TYP.)

CEILING EXHAUST AIR GRILLE (TYP.)

BALANCING DAMPER W/ LOCKING QUICK-CLAMP

AIR DEVICE - DEVICE TYPE, NECK SIZE, CFM

THERMOSTAT, MOUNTED 54" AFF
PLUMBING MATERIALS NOTES:

A. DOMESTIC WATER PIPING ABOVE SLAB SHALL BE TYPE 1 "DRAWN COPPER WITH/VARYING COPPER FITTINGS AND LEAD FREE SOLDER Joints ON MECHANICAL "PRO-PRESS" TYPE FITTINGS, ROUTE IN CHUTES AS INDICATED ON THE DRAWINGS. DO NOT INSTALL ABOVE CEILING.

B. INSTALL ALL ABOVE SLAB DOMESTIC WATER WITH 1/2 INCH THICK FLEXIBLE UNCELLULAR INSULATION (RANKINE OR EQUAL).

C. ALL DOMESTIC WATER BELOW SLAB SHALL BE PLASTIC COATED TYPE N COPPER TUBE WITH NO FITTINGS.

D. SANITARY SEWER PIPING ABOVE FINISH FLOOR SHALL BE SCHEDULE 40 PVC D/W EXCEPT FOR WATER CLOSET Carrier Fittings. SLOP ALL PIPING 2" AND LARGER IN SIZE AT 1/8 INCH PER FOOT. SLOPE ALL PIPING LESS THAN 2" IN SIZE AT 1/4 INCH PER FOOT.

E. SANITARY SEWER PIPING BELOW FINISH FLOOR OR GRADE SHALL BE SCHEDULE 40 PVC DWV. SLOPE ALL PIPING 2" AND LARGER IN SIZE AT 1/8 INCH PER FOOT. SLOPE ALL PIPING LESS THAN 2" IN SIZE AT 1/4 INCH PER FOOT.

F. ALL MOUNTING HARDWARE, THRU BOLES, NUTS, CAP NUTS, WASHERS, BACKER PLATES, ETC., SHALL BE TYPE 316 STAINLESS STEEL.

G. ALL WATER CLOSET CARRIERS SHALL BE COATED CAST IRON WITH APPROPRIATE HARDWARE, PAINT ALL CAST IRON PARTS TO MINIMIZE OXIDATION PROCESS.

PLUMBING CLEANOUT NOTES:

A. FLOOR CLEANOUT (POD), CLEANOUT TO GRADE WHERE APPLICABLE (C/O), AND TWIN VENT CLEANOUT TO GRADE (T/C/O) SHALL BE ZURN 2140-2 WITH BRONZE PLUG OR EQUAL.

GENERAL PLUMBING NOTES:

1. PROVIDE ALL REQUIRED PIPE, FITTING, VALVES, HANDERS, SUPPORTS, SLEEVES, INSERTS, TRAPS AND OTHER SUCH EQUIPMENT, ITEMS AND DEVICES, AS MAY BE REQUIRED FOR A COMPLETE AND OPERATING SYSTEM OR SYSTEMS, INCLUDING ALL PARTS APPURTENANT TO THE SYSTEM OR SYSTEMS WHETHER OR NOT SPECIFICALLY SET FORTH HERIN AND/OR SHOWN ON THE DRAWINGS.

2. WORK SHALL BE EXECUTED AND INSPECTED IN ACCORDANCE WITH LOCAL AND STATE CODES, LAWS, ORDINANCES, RULES AND REGULATIONS APPLICABLE TO THE PARTICULAR CLASS OF WORK AND ANY FEES IN CONNECTION THEREBY SHALL BE PAID BY THE CONTRACTOR.

3. ALL PLUMBING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2008 ARKANSAS STATE PLUMBING CODE AND IN COMPLIANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.

4. ALL DRAWINGS ARE DIAGRAMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY DETAIL, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT.

5. INFORMATION AND COMPONENTS SHOWN ON THIS DRAWINGS OR SPECIFICATIONS CARRIES WITH IT THE INSTRUCTION TO PROVIDE THE CONTRACTOR WITH A COPY OF EACH SPECIFICATION.

6. UNLESS NOTED OTHERWISE, THE INDICATION AND/OR DESCRIPTION OF ANY ITEM IN THE DRAWINGS OR SPECIFICATIONS CARRIES WITH IT THE INSTRUCTION TO PROVIDE THE CONTRACTOR WITH A COPY OF EACH SPECIFICATION.

7. CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF OTHER TRADES, REFER TO ARCHITECTURAL, ELECTRICAL, AND OTHER DRAWINGS FOR COMPLETE INFORMATION.

8. INSTALL ALL EXPOSED PLUMBING PIPING ALONG UTILITY CHASE WALLS AS CLOSE TO THE CHASE WALLS AS POSSIBLE FOR MAXIMUM DRAINAGE SPACE AND TO AVOID CONFLUENT JOINTS. "RUNS" BETWEEN CLEANOUTS MAY OCCUR AT THE CONTRACTOR'S DISCRETION, HETER LOCATION THURST INSTALLATION OR AFTER THE CONCRETE MASONRY WALLS ARE INSTALLED, BUT FINAL INSTALLATION OF WALL, HUNG AND MASON MOUNTED FIXTURES SHALL OCCUR AFTER THE CEILING, WALL AND FLOOR COATINGS ARE COMPLETED.

9. THE STRUCTURES/HARDSHIPhoot CAN BE EXPOSED FOR CLEANING ON A REGULAR BASIS, TO THE END NEATLY AND CONTINUOUSLY SEAL WITH CLEAR SEALANT/SEALANT AROUND ALL NEW WALL, HUNG, STAINLESS STEEL, LAVATORIES, WALL HUNG, STAINLESS STEEL, URINALS AND WALL HUNG, CARRIER MOUNTED, STAINLESS STEEL WATER CLOSET.

10. COORDINATE WITH MASONRY CONTRACTOR TO ENSURE ALL CONCRETE MASONRY WALLS LOCATED AT WALL, HUNG, FIXTURES AND WALL CLOSET CARRIER BOLTS ARE GROUNDED.

11. NEATLY CABLE ALL LOW VOLTAGE WIRING TO WALLS. SELECT MULTIPLE CABLES TOGETHER WHERE APPLICABLE.

FINAL FIXTURE INSTALLATION NOTE:

1. THE CONTRACTOR IS CITED WITH CEILING, WALL, AND FLOOR COATINGS SYSTEMS WILL BE APPLIED TO ALL RESTROOM SURFACES. CEILING MATERIALS FOR FIXTURES MAY OCCUR AT THE CONTRACTOR'S DISCRETION, HETER LOCATION THURST INSTALLATION OR AFTER THE CONCRETE MASONRY WALLS ARE INSTALLED, BUT FINAL INSTALLATION OF WALL, HUNG AND MASON MOUNTED FIXTURES SHALL OCCUR AFTER THE CEILING, WALL AND FLOOR COATINGS ARE COMPLETED.

2. INSTALL ALL EXPOSED PLUMBING PIPING ALONG UTILITY CHASE WALLS AS CLOSE TO THE CHASE WALLS AS POSSIBLE FOR MAXIMUM DRAINAGE SPACE AND TO AVOID CONFLUENT JOINTS. "RUNS" BETWEEN CLEANOUTS MAY OCCUR AT THE CONTRACTOR'S DISCRETION, HETER LOCATION THURST INSTALLATION OR AFTER THE CONCRETE MASONRY WALLS ARE INSTALLED, BUT FINAL INSTALLATION OF WALL, HUNG AND MASON MOUNTED FIXTURES SHALL OCCUR AFTER THE CEILING, WALL AND FLOOR COATINGS ARE COMPLETED.
KEYED NOTES
1. SEE SITE PLAN FOR CONTINUATION. ESTIMATED DEMAND IS 37 GPCU
2. SLEEVE THROUGH STRUCTURAL STEM WALL, REFER TO STRUCTURAL SHEETS FOR EXTERIOR WALL FOUNDATION SECTIONS.

NOTE: THIS PLAN IS TYPICAL FOR BOTH THE EAST BOUND AND WEST BOUND TRUCKER-VENDING BUILDINGS.

TRUCKER-VENDING BUILDING - SANITARY SEWER PIPING PLAN

Scale: 1/8" = 1'-0"
NOTE:
THIS PLAN IS TYPICAL FOR BOTH THE EAST BOUND AND WEST BOUND TRUCKER-VENDING BUILDING.

TRUCKER-VENDING BUILDING - DOMESTIC WATER PIPING PLAN

KEYED NOTES

1. SEE SITE PLAN FOR CONTINUATION. ESTIMATED DEMAND IS 85 GPM PER TABLE E033.325 - 61 GPM.
2. INSTALL FULL PORT BALL VALVE AT SERVICE Entrance INTO UTILITY CHASE.
3. SLEDGE THROUGH STRUCTURAL STEEL WALL, REFER TO STRUCTURAL SHEETS FOR EXTERIOR WALL FOUNDATION SECTIONS.
4. INSTALL WATER CHILLER FOR DRINKING FOUNTAIN ON SPECIFIED SHELF AS NOTED IN FIXTURE SCHEDULE. SHEET P-401.
ELEVATION VIEW FROM UTILITY CHASE @ CARRIER MOUNTED WATER CLOSETS

- 3" VENT UP TO VTR
- 4" INTERIOR DRAINOUT, ROTATE 45° TOWARDS UTILITY CHASE ENTRANCE TO FACILITATE EASIER RODDING, TYPICAL
- CONNECT CAST IRON CLOSET CARRIER AND DRAINOUT BODY TO PVC FITTING, TYPICAL
- WATER CLOSET BEYOND CMU WALL, TYPICAL
- PIPE HANGER, SEE 14-442, TYPICAL
- SEWER SIZER FOR OVERFLOW DRAIN PIPE SIZE, TYPICAL
- CONCRETE MASONRY WALL BEYOND NOT SHOWN
- VERTICAL SUPPORT, TYPICAL
- CLOSET CARRIER, SECURE TO SLAB, TYPICAL
- BLOCK OUT SLAB DURING POOL TO INSTALL 4' SANITARY TEE, FILL WITH CAST-IRON GROUT AFTER INSTALLATION, TYPICAL

ELEVATION @ TYPICAL REMOTE WATER CHILLER

- 1 HP COOL WATER SUPPLY & 3/4" BALL VALVE
- REMOTE WATER CHILLER, 120V, 4.4 FLA, 89 LB
- THERMOSTAT ADJUSTMENT
- SHELF FOR REMOTE WATER CHILLER, SECURE TO CONCRETE MASONRY UNITS WITH 3/4" EXPANSION ANCHORS, SIX LOCATIONS
- GROUTED CMU/CCELS AT WALL CHILLER SHELF

PARTIAL ISO BLOW-UP OF WALL SLEEVE

- BOLT SLEEVE
- FLANGE FACE, SECURE TO CMU WALL

FREEZE BOX BLOW-UP

- 1-1/2" STAINLESS STEEL WASHER TUB WALL TO FIXTURE
- DRAIN OUTLET, 1-1/2" IPS, P-TRAP
- PNEUMATIC VALVE
- DRAIN OIL VALVE
- AIR GAP & RECEPTACLE
- AIR TUBING THRU WALL TO PUSHBUTTON
- WATER TUBING THRU WALL TO BUBBLER

SECTION THRU TYPICAL DRINKING FOUNTAIN

- 1/2" B-13 S.S. THIN BOLT THREAD INTO FIXTURE ANCHOR TAPPIES, 1/2" WNL ENGAGEMENT, TYP FOR FOUR
- 1/2" OPENING FOR WATER SUPPLY CONNECTION
- WALL SLEEVE
- FREEZE BOX
- 2" OPENING FOR WASTE CONNECTION
- GROUTED CONCRETE MASONRY UNIT CELLS AT FIXTURE
PLUMBING FIXTURE SCHEDULE TOURIST INFORMATION CENTER & TRUCKER'S VENDING BUILDING

<table>
<thead>
<tr>
<th>MARK</th>
<th>DESCRIPTION</th>
<th>MFR &amp; MODEL</th>
<th>STORAGE</th>
<th>FACETS, FITTINGS &amp; ACCESSORIES</th>
<th>TRAP</th>
<th>PANTIE</th>
<th>COLD</th>
<th>HOT</th>
<th>REMARKS</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-1</td>
<td>ADA COMPLIANT WATER CLOSET</td>
<td>ACORX ENGINEERING 21266-166-1667</td>
<td>1.29 SF P-0301</td>
<td>FABRICATED, 14 GAUGE TYPE 304 STAINLESS STEEL WALL HUNG, CLOSET MOUNTED, ELONGATED BOWL, SPHINX JET, WALL OUTLET, 120 GPF, FURNISHED WITH BOWL VALVE, 1.25&quot; B &amp; S TWO CONCEALED, SENSORS ACTIVATED FLUSHOMETER WITH TRUE MECHANICAL, OVERSIZE ACS-26 TURRETED TRANSOM VALVE, 15 YEAR DURATION, 200 CFM 80° HEAVY DUTY ADJUSTABLE CLOSET MOUNT WITH VANDAL PROOF TRIM, INSTALLATION OF WATER CLOSET IS FOR 8 INCH THICK CONCRETE MASONRY W.ALL.</td>
<td>INTEGRAL</td>
<td>4&quot;</td>
<td>1&quot;</td>
<td>-</td>
<td>SATIN FINISH, VERIFY MOUNTING HEIGHT WITH ARCHITECTURAL INTERIOR ELEVATIONS</td>
<td>1.2</td>
</tr>
<tr>
<td>P-2</td>
<td>WATER CLOSET</td>
<td>ACORX ENGINEERING 21266-166-1667</td>
<td>1.29 SF P-0301</td>
<td>FABRICATED, 14 GAUGE TYPE 304 STAINLESS STEEL WALL HUNG, CLOSET MOUNTED, ELONGATED BOWL, SPHINX JET, WALL OUTLET, 120 GPF, FURNISHED WITH BOWL VALVE, 1.25&quot; B &amp; S TWO CONCEALED, SENSORS ACTIVATED FLUSHOMETER WITH TRUE MECHANICAL, OVERSIZE ACS-26 TURRETED TRANSOM VALVE, 15 YEAR DURATION, 200 CFM 80° HEAVY DUTY ADJUSTABLE CLOSET MOUNT WITH VANDAL PROOF TRIM, INSTALLATION OF WATER CLOSET IS FOR 8 INCH THICK CONCRETE MASONRY W.ALL.</td>
<td>INTEGRAL</td>
<td>4&quot;</td>
<td>1&quot;</td>
<td>-</td>
<td>SATIN FINISH, VERIFY MOUNTING HEIGHT WITH ARCHITECTURAL INTERIOR ELEVATIONS</td>
<td>1.2</td>
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<tr>
<td>P-3</td>
<td>ADA COMPLIANT URINAL</td>
<td>ACORX ENGINEERING 17306-166-1667</td>
<td>1.12 SF P-0304</td>
<td>FABRICATED, 18 GAUGE WITH 16 GAUGE BOWLS, TYPE 304 STAINLESS STEEL WALL HUNG, BACK OUTLET BACK SPADE &amp; 120 GPF, METAL MOUNTING TEMPLATE, INTEGRAL</td>
<td>1.10 INCH STAINLESS STEEL METAL URINAL, FURNISHED WITH BOWL VALVE, 1.25&quot; B &amp; S TWO CONCEALED, SENSORS ACTIVATED FLUSHOMETER INSTALLATION OF URINAL IS FOR 8 INCH THICK CONCRETE MASONRY W.ALL.</td>
<td>1-1/2&quot;</td>
<td>2</td>
<td>3/4&quot;</td>
<td>-</td>
<td>SATIN FINISH, VERIFY MOUNTING HEIGHT WITH ARCHITECTURAL INTERIOR ELEVATIONS</td>
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<tr>
<td>P-4</td>
<td>URIAL</td>
<td>ACORX ENGINEERING 17306-166-1667</td>
<td>1.12 SF P-0304</td>
<td>FABRICATED, 18 GAUGE WITH 16 GAUGE BOWLS, TYPE 304 STAINLESS STEEL WALL HUNG, BACK OUTLET BACK SPADE &amp; 120 GPF, METAL MOUNTING TEMPLATE, INTEGRAL</td>
<td>1.10 INCH STAINLESS STEEL METAL URINAL, FURNISHED WITH BOWL VALVE, 1.25&quot; B &amp; S TWO CONCEALED, SENSORS ACTIVATED FLUSHOMETER INSTALLATION OF URINAL IS FOR 8 INCH THICK CONCRETE MASONRY W.ALL.</td>
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<td>2</td>
<td>3/4&quot;</td>
<td>-</td>
<td>SATIN FINISH, VERIFY MOUNTING HEIGHT WITH ARCHITECTURAL INTERIOR ELEVATIONS</td>
</tr>
<tr>
<td>P-5</td>
<td>ADA COMPLIANT LAUNDRY</td>
<td>ACORX ENGINEERING 16320-166-1667</td>
<td>1.44 SF P-0304</td>
<td>FABRICATED, 14 GAUGE TYPE 304 STAINLESS STEEL WALL HUNG, V-HORIZONTAL-automatic adjustable deck 2 INCHES ON CENTER, COORDINATE WITH VALVE SPEC (SUGGESTED), METAL MOUNTING TEMPLATE, INTEGRAL</td>
<td>1.10 INCH STAINLESS STEEL, A TRAP WITHIN STRAINER, FURNISHED WITH BOWL VALVE, 175 CFM CHROME PLATED BRASS, SENSORS ACTIVATED, 4 CENTER SET ELECTRONIC HAND/WASHING FACULTY, 22.5&quot; PM, WITH 800 GALLON DECK THROMBOSIS MING VALVE AND EL 200 TRANSFORMER (120 VAC 150 VA), MOUBIER STEEL 11&quot; P &amp; 3/8&quot; OD, SUPPLY/STOPS, INSTALLATION OF LAUNDRY IS FOR 8 INCH THICK CONCRETE MASONRY WALL.</td>
<td>1-1/2&quot;</td>
<td>2</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>SATIN FINISH, INSTALL WITH TOP OF APTRON IS AT 42&quot;</td>
</tr>
<tr>
<td>P-6</td>
<td>ADA COMPLIANT DRINKING FOUNTAIN</td>
<td>ACORX ENGINEERING 19720-166-1667</td>
<td>1.30 SF P-0304</td>
<td>FABRICATED, 14 GAUGE TYPE 304 STAINLESS STEEL WALL HUNG, V-HORIZONTAL-DISCONNECTIBLE, AIR CONTROL, SINGLE TEMP, NON-MOUNTING VALVE, PRESSURE RELIEF RESISTANT BOX WITH DRAIN DOWN VALVE, METAL MOUNTING TEMPLATE, AND WALL SLEEVE, FURNISHED WITH CSR-1200 AND RETAIN IN REFRIGERATOR, 8 GA AIR WILHELM FOR REMOTE MOUNTING installation of DRINKING FOUNTAIN IS FOR 12 INCH THICK WALL, CONSISTING OF CONCRETE MASONRY, REINFORCED CONCRETE, A 2 INCH DEPTH AND 3&quot; STONE VENERER</td>
<td>1-1/2&quot;</td>
<td>2</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>SATIN FINISH, INSTALL WITH BUBBLER HEIGHT IS AT 36&quot;</td>
<td>3.6</td>
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<tr>
<td>P-7</td>
<td>ADA COMPLIANT DRINKING FOUNTAIN</td>
<td>ACORX ENGINEERING 19720-166-1667</td>
<td>1.30 SF P-0304</td>
<td>FABRICATED, 14 GAUGE TYPE 304 STAINLESS STEEL WALL HUNG, V-HORIZONTAL-DISCONNECTIBLE, AIR CONTROL, SINGLE TEMP, NON-MOUNTING VALVE, PRESSURE RELIEF RESISTANT BOX WITH DRAIN DOWN VALVE, METAL MOUNTING TEMPLATE, AND WALL SLEEVE, FURNISHED WITH CSR-1200 AND RETAIN IN REFRIGERATOR, 8 GA AIR WILHELM FOR REMOTE MOUNTING installation of DRINKING FOUNTAIN IS FOR 12 INCH THICK WALL, CONSISTING OF CONCRETE MASONRY, REINFORCED CONCRETE, A 2 INCH DEPTH AND 3&quot; STONE VENERER</td>
<td>1-1/2&quot;</td>
<td>2</td>
<td>1/2&quot;</td>
<td>-</td>
<td>SATIN FINISH, INSTALL WITH BUBBLER HEIGHT IS AT 42&quot;</td>
<td>3.6</td>
</tr>
<tr>
<td>P-8</td>
<td>MPS SERVICE BASIN</td>
<td>STEIN VÜLUMS SBC-165-68</td>
<td></td>
<td></td>
<td>CORNER STYLE, 32&quot; X 15&quot; X 12&quot; COMPACT PANELS, GLASS, HARDWOOD FLOORS, CEMENT, FLOODING, CAST IRON 8&quot; STAINLESS STEEL, STAINLESS, 29 GAUGE TYPE 304 STAINLESS STEEL, SPLASH CATCHER PANELS, FURNISHED WITH 2&quot; HOLE AND WALL HOOK, 4-1/2 MOP LEVER AND 4-1/2 MOP STAINLESS STEEL, SPLASH GUARDS, AND CHROME PLATE SLIP-RESISTANT SURFACE MOUNTED SERVICED BB FAN/FAN WITH VACUUM BREAKER CROSS-HANDLES, WALL BRACKET SUPPORT, EXH.ID. AND 34&quot; HOSE THREAD OUTLET</td>
<td>3&quot;</td>
<td>3</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>INTEGRAL FAUCET AT 72&quot; INSTALL, 1/2&quot; HOSE VALVE HOUSING, HOUSING ON ADJUSTABLE WALL MANUFACTURER INSTRUCTIONS</td>
</tr>
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DOMESTIC WATER HEATER SCHEDULE TOURIST INFORMATION CENTER & TRUCKER'S VENDING BUILDING

<table>
<thead>
<tr>
<th>MARK</th>
<th>DESCRIPTION</th>
<th>MFR &amp; MODEL</th>
<th>STORAGE</th>
<th>MIN. THERMAL EFFICIENCY</th>
<th>VOLTAGE PHASE</th>
<th>OUTLET (GALL.)</th>
<th>ELEC. REQUIREMENTS</th>
<th>RECOVERY (GALL.)</th>
<th>REMARKS</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>EWR-2</td>
<td>ELECTRIC WATER HEATER</td>
<td>VITALP, 10800-10800</td>
<td>8</td>
<td>1800</td>
<td>NA 130/130</td>
<td>FLEXIBLE CONNECTION WITH DISCONNECT</td>
<td>N/A</td>
<td>FURNISH WITH OXY-HYDRO FLUIDIC PLASTIC DRAIN PAN WITH 1&quot; PVC DRAIN CONNECTION, ELECTRIC UNIONS, HOT &amp; COLD WATER SHUT-OFF VALVES, AND APPROVED &amp; P RELIEF WATER VALVE IF FULL-DISCHARGE DRAIN INTO DRAIN PAN (PROVIDE AIR GAP)</td>
<td>1, 4, 5.7</td>
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<tr>
<td>EWR-4</td>
<td>ELECTRIC WATER HEATER</td>
<td>VITALP, 10800-10800</td>
<td>10</td>
<td>1800</td>
<td>NA 130/130</td>
<td>FLEXIBLE CONNECTION WITH DISCONNECT</td>
<td>N/A</td>
<td>FURNISH WITH HOLD-RITE 443/5040 INTEGRAL DRAIN PAN WITH 1&quot; PVC DRAIN CONNECTION AND ALL MOUNTING HARDWARE, ELECTRIC UNIONS, HOT &amp; COLD WATER SHUT-OFF VALVES, AND APPROVED &amp; P RELIEF WATER VALVE IF FULL-DISCHARGE DRAIN INTO DRAIN PAN (PROVIDE AIR GAP)</td>
<td>1, 2, 4, 5.7</td>
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NOTES:
1. CONTRACTOR SHALL ATTACH OUTLET TEMPERATURE ON WATER HEATER.
2. CONTRACTOR SHALL COORDINATE WALL MOUNTED EQUIPMENT PLATFORM WITH MASONRY CONTRACTOR TO ENSURE EAN CELLS ARE PROTECTED FOR WIRING SECURITY.
3. CONTRACTOR SHALL ROUTE DRAIN PANS FOR DRAIN TO SERVICE BASIN IN CORNER OF UTILITY CHASE.
4. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR TO ENSURE SUFFICIENT LENGTH OF FLEXIBLE CONDUIT IS INSTALLED TO ALLOW FOR FUTURE REMOVAL AND REPLACEMENT OF WATER HEATER.
5. INSTALL WATER HEATER HORIZONTAL AND VERTICAL TO PROVIDE CLEAR FLOOR SPACE WITHIN UTILITY CHASE.
6. IF ONLY ONE HEATER SHALL BE REQUIRED AT TRUCKERS VENDING BUILDINGS P-4 & P-7 ARE MOUNTED SIDE-BY-SIDE.
### PLUMBING EQUIPMENT SCHEDULE

**TOURIST INFORMATION CENTER AND TRUCKER'S VENDING BUILDING**

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<th>REMARKS</th>
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<tr>
<td>WH-1</td>
<td>WALL HYDRANT</td>
<td>ZURN Z1308-VC</td>
<td>ENGAGED, NON-FREEZE, ANTI-SPLASH, AUTOMATIC DRAINING, 15 INCH WALL THICKNESS, FURNISHED WITH NON-FREEZE TYPE INTEGRAL BACKFLOW PREVENTER, BRONZE CASING, ALL BRONZE PARTS, BRONZE BOX AND HOLED COVER WITH OPERATING KEY LOCK AND &quot;WATER&quot; CAST ON COVER, WALL CLAMP AND 3/4 INCH HOSE CONNECTION</td>
<td>COORDINATE CONNECTION STYLE WITH FIELD CONDITIONS OPTIONS 48X48 OR 48X48 INSTALL AT 18’ OF AX</td>
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<td>WH-2</td>
<td>WALL HYDRANT</td>
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<td>ENGAGED, NON-FREEZE, ANTI-SPLASH, AUTOMATIC DRAINING, 15 INCH WALL THICKNESS, FURNISHED WITH NON-FREEZE TYPE INTEGRAL BACKFLOW PREVENTER, BRONZE CASING, ALL BRONZE PARTS, BRONZE BOX WITH POLISHED BRONZE FACE AND HOLED COVER WITH OPERATING KEY LOCK AND &quot;WATER&quot; CAST ON COVER, WALL CLAMP AND 3/4 INCH HOSE CONNECTION</td>
<td>COORDINATE CONNECTION STYLE WITH FIELD CONDITIONS OPTIONS 48X48 OR 48X48 INSTALL AT 18’ OF AX</td>
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<tr>
<td>TV-1</td>
<td>TRAP PRIMER VALVE</td>
<td>PRECISION PLUMBING PRODUCTS P1-800</td>
<td>ALL BRASS AUTOMATIC PRESSURE DROP ACTUATED DRAIN, PUMFISHED, JULIA DISTRIBUTION UNIT AND SERVICE VALVE, CONNECT TO ORIFICAL COLD WATER SUPPLY</td>
<td>REFER TO DETAILS FOR ADDITIONAL INSTALLATION REQUIREMENTS</td>
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<tr>
<td>TV-2</td>
<td>TRAP PRIMER VALVE</td>
<td>PRECISION PLUMBING PRODUCTS P1-500</td>
<td>ALL BRASS AUTOMATIC PRESSURE DROP ACTUATED DRAIN, CONNECT TO LAVATORY COLD WATER SUPPLY</td>
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### FLOOR DRAIN SCHEDULE

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<td>FD-1</td>
<td>FLOOR DRAIN</td>
<td>ZURN ZK1832-P-VP</td>
<td>CAST IRON BODY WITH BOTTOM OUTLET, 6-1/4 INCH DIAMETER NOVEL, BRONZE LEVELING STRAINER, 1 INCH OUTLET, TRAP</td>
<td>INSTALL STRAINER FLUSH WITH FINISH FLOOR</td>
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<tr>
<td>FD-2</td>
<td>FLOOR DRAIN</td>
<td>ZURN ZK1832-OF-P-VP</td>
<td>CAST IRON BODY WITH BOTTOM OUTLET, 6-1/4 INCH DIAMETER NOVEL, BRONZE LEVELING STRAINER, 3/4 INCH OUTLET, DUAL FUNNEL, TRAP PRIMER CONNECTION, HANDCUT PROOF TOP</td>
<td>INSTALL STRAINER FLUSH WITH FINISH FLOOR</td>
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TOURIST INFORMATION CENTER - SANITARY SEWER RISER DIAGRAM

NOTE: OPPOSITE SIDE OF STRUCTURE RISER DIAGRAM IS SIMILAR, OPPOSITE HAND.
TOURIST INFORMATION CENTER - DOMESTIC WATER RISER DIAGRAM

SCALE: NONE

NOTE: OPPOSITE SIDE OF STRUCTURE RISER DIAGRAM IS SIMILAR (OPPOSITE HAND)
KEYED NOTES
1. REFER TO A-326 FOR MOUNTING HEIGHT.
   TYPICAL FOR TYPE A FIXTURES.
2. REFER TO A-328 FOR MOUNTING HEIGHT.
   TYPICAL FOR TYPE L FIXTURES.

LIGHTING PLAN - TOURIST INFORMATION CENTER

SCALE: 1" = 1'-0"
LIGHTING CONTROL CIRCUIT DIAGRAMS

ONE SENSOR CONTROLLING ONE CIRCUIT

MULTIPLE SENSORS CONTROLLING ONE CIRCUIT

SENSOR DIAGRAM NOTES:
1. REFER TO LIGHTING PLANS FOR LIGHTING CONTROL AND EQUIPMENT QUANTITY REQUIREMENTS.
2. REFER TO EQUIPMENT MANUFACTURER WIRING DIAGRAMS AND PRODUCT DATA SHEETS FOR ADDITIONAL REQUIREMENTS.
3. UNIT SHOWN WITH ECLU 200 OR APPROVED EQUAL FOR FIXTURES IN PATH OF EGRESS ONLY.
4. MANUAL TOGGLE SWITCH ADJACENT TO WALL SWITCH PROVIDES OVERRIDE LIGHTING SHUTTLE.
5. PROVIDE TWO 3-WAY SWITCHES WHERE TWO SHUT OFF LOCATIONS ARE REQUIRED.
6. POWER PACKS NOT SHOWN ON LIGHTING PLANS FOR CIRCUITING QUANTITY.

LOW VOLTAGE AS RECOMMENDED BY MANUFACTURER.
LINE VOLTAGE AS SHOWN ON LIGHTING DRAWINGS.
TOURIST INFORMATION CENTER SYSTEM RISER DIAGRAM

1. WALL MOUNTED TELECOMMUNICATION CABINET.
2. TELECOMMUNICATION TYPE GROUND BUS: COPPER, 1/4" x 4" x 24", RISER BILLET, MTD ON ISOLATORS.
3. PROVIDE 48-PORT, 6 PIN MODULE PATCH PANELS WITH 4 PAIR UTP PATCH CORDS FOR TERMINATION OF ALL CABLES. MAKE ALL FINAL CONNECTIONS. SEE SPECIFICATIONS FOR ADDITIONAL TELECOMMUNICATION DETAILS.
4. TELEPHONE MOUNTING BOARD USING 24" x 4" x 1/2" PLYWOOD SECTIONS, FIRE TREATED PLYWOOD ON WALLS INDICATED FROM FLOOR TO 3'-0" AFF FOR MOUNTING OF EQUIPMENT.
5. CATEGORY 6 DATA OUTLET WITH ONE JACK AND ONE DEDICATED CATEGORY 6-PAIR AWG 26 UTP CABLE RHEMTURN IN CABLE TRAY, TERMINATE ALL CABLES AT PATCH PANELS (TYPICAL).
6. VC ROUTED TO CABINET.
7. OUTLET BOX.
### LIGHT FIXTURE SCHEDULE

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#### GENERAL NOTES:

1. COORDINATE THE INSTALLATION OF ELECTRICAL EQUIPMENT WITH THE ARCHITECTS' REFLECTED CEILING PLANS, MECHANICAL, HVAC PLANS, AND FIRE PROTECTION PLANS.
2. SEE SPECIFICATIONS FOR ADDITIONAL FIXTURE AND LAMP REQUIREMENTS.
3. MAINTAIN INTEGRITY OF ALL FIRE RATED WALLS DUE TO CONDUIT WALL PIERCINGS.
4. LAMP COLOR TEMPERATURE SHALL BE 3500K.

#### KEY NOTES:

- PROVIDE FIXTURE WITH UNIVERSAL MOUNTING HARDWARE, INSTALL FIXTURE FOR WALL OR CEILING MOUNTING. PROVIDE FIXTURE WITH SINGLE OR DOUBLE FACE AS INDICATED, PROVIDE APRONS P AND K AS SHOWN.
- PROVIDE FIXTURE LISTED AND Labeled FOR WET LOCATION.
- PROVIDE FIXTURE WITH LATEST, +15% THE ELECTRONIC BALLAST.
- PROVIDE FIXTURE WITH SELF DIAGNOSTICS.
- PROVIDE FIXTURE WITH INTEGRAL FLUORESCENT LAMP EMERGENCY BATTERY UNIT, NE5 LUMINA, OUTPUT, 90 MINUTE EMERGENCY OPERATION WHERE INDICATED ON PLAN.

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