

**NOTE: NO HEATING OR AIR CONDITIONING EQUIPMENT TO BE INCLUDED IN THIS PROJECT. USE BUILDING INSULATION PER SPECIFICATIONS.**

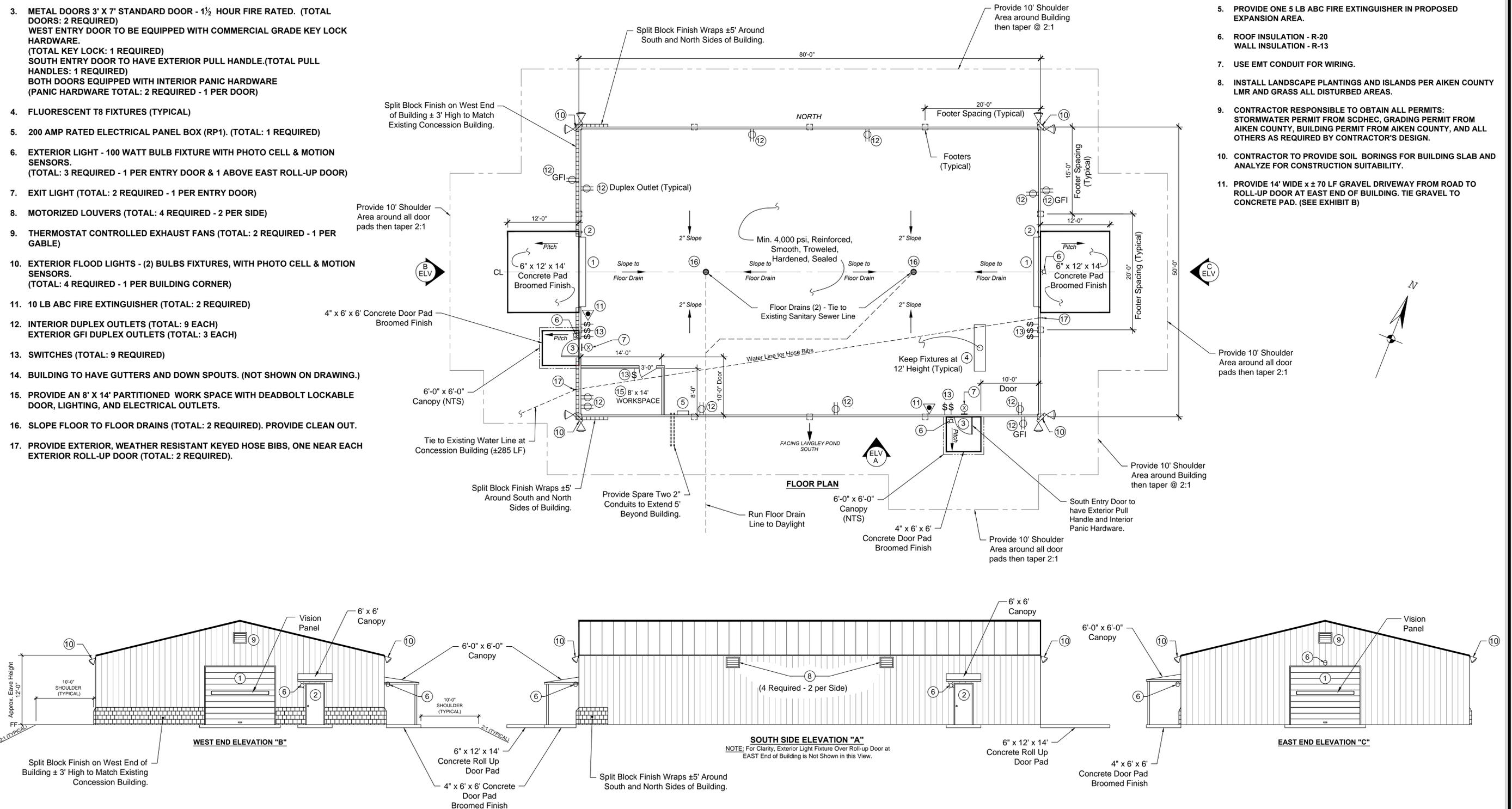
**KEY & NOTES:**

- METAL 12' X 12' ROLL-UP DOOR - 1½ HOUR FIRE RATED WITH VISION PANEL, APPROX. 5' AFF (TOTAL: 2 REQUIRED)
- ROLL-UP DOOR TO HAVE MOTORIZED OPENER WITH CONTROL BUTTON LOCATED INSIDE BUILDING. (TOTAL: 2 UNIT REQUIRED - 1 PER ROLL-UP DOOR)
- METAL DOORS 3' X 7' STANDARD DOOR - 1½ HOUR FIRE RATED. (TOTAL DOORS: 2 REQUIRED)  
WEST ENTRY DOOR TO BE EQUIPPED WITH COMMERCIAL GRADE KEY LOCK HARDWARE. (TOTAL KEY LOCK: 1 REQUIRED)  
SOUTH ENTRY DOOR TO HAVE EXTERIOR PULL HANDLE. (TOTAL PULL HANDLES: 1 REQUIRED)  
BOTH DOORS EQUIPPED WITH INTERIOR PANIC HARDWARE (PANIC HARDWARE TOTAL: 2 REQUIRED - 1 PER DOOR)
- FLUORESCENT T8 FIXTURES (TYPICAL)
- 200 AMP RATED ELECTRICAL PANEL BOX (RP1). (TOTAL: 1 REQUIRED)
- EXTERIOR LIGHT - 100 WATT BULB FIXTURE WITH PHOTO CELL & MOTION SENSORS. (TOTAL: 3 REQUIRED - 1 PER ENTRY DOOR & 1 ABOVE EAST ROLL-UP DOOR)
- EXIT LIGHT (TOTAL: 2 REQUIRED - 1 PER ENTRY DOOR)
- MOTORIZED LOUVERS (TOTAL: 4 REQUIRED - 2 PER SIDE)
- THERMOSTAT CONTROLLED EXHAUST FANS (TOTAL: 2 REQUIRED - 1 PER GABLE)
- EXTERIOR FLOOD LIGHTS - (2) BULBS FIXTURES, WITH PHOTO CELL & MOTION SENSORS. (TOTAL: 4 REQUIRED - 1 PER BUILDING CORNER)
- 10 LB ABC FIRE EXTINGUISHER (TOTAL: 2 REQUIRED)
- INTERIOR DUPLEX OUTLETS (TOTAL: 9 EACH)  
EXTERIOR GFI DUPLEX OUTLETS (TOTAL: 3 EACH)
- SWITCHES (TOTAL: 9 REQUIRED)
- BUILDING TO HAVE GUTTERS AND DOWN SPOUTS. (NOT SHOWN ON DRAWING.)
- PROVIDE AN 8' X 14' PARTITIONED WORK SPACE WITH DEADBOLT LOCKABLE DOOR, LIGHTING, AND ELECTRICAL OUTLETS.
- SLOPE FLOOR TO FLOOR DRAINS (TOTAL: 2 REQUIRED). PROVIDE CLEAN OUT.
- PROVIDE EXTERIOR, WEATHER RESISTANT KEYED HOSE BIBS, ONE NEAR EACH EXTERIOR ROLL-UP DOOR (TOTAL: 2 REQUIRED).

**ABBREVIATIONS:**  
psi - Pounds per Square Inch  
ELV - Elevation  
AFF - Above Finished Floor  
FF - Finished Floor

**GENERAL NOTES:**

- USE PRE-ENGINEERED BUILDING.
- CONCRETE SLAB TO BE 6" THICK, 4000 PSI WITH REINFORCEMENT - WIRE MESH 6X6. PROVIDE TURN DOWN EDGES. PROVIDE VAPOR BARRIER AND TERMICIDE.
- PROVIDE ROUGH AND FINE GRADING FOR SLAB, FOOTINGS. PROVIDE 10' SHOULDER AREA AROUND BUILDING THEN TAPER @ 2:1
- PROVIDE APPLICABLE PERMITS FOR BUILDING, 4 COMPACTION TESTS FOR SLAB (95% COMPACTION) CONCRETE FOOTINGS.
- PROVIDE ONE 5 LB ABC FIRE EXTINGUISHER IN PROPOSED EXPANSION AREA.
- ROOF INSULATION - R-20  
WALL INSULATION - R-13
- USE EMT CONDUIT FOR WIRING.
- INSTALL LANDSCAPE PLANTINGS AND ISLANDS PER AIKEN COUNTY LMR AND GRASS ALL DISTURBED AREAS.
- CONTRACTOR RESPONSIBLE TO OBTAIN ALL PERMITS: STORMWATER PERMIT FROM SCDHEC, GRADING PERMIT FROM AIKEN COUNTY, BUILDING PERMIT FROM AIKEN COUNTY, AND ALL OTHERS AS REQUIRED BY CONTRACTOR'S DESIGN.
- CONTRACTOR TO PROVIDE SOIL BORINGS FOR BUILDING SLAB AND ANALYZE FOR CONSTRUCTION SUITABILITY.
- PROVIDE 14' WIDE x ± 70 LF GRAVEL DRIVEWAY FROM ROAD TO ROLL-UP DOOR AT EAST END OF BUILDING. TIE GRAVEL TO CONCRETE PAD. (SEE EXHIBIT B)



**► CONCEPTUAL ONLY ◀**  
**NOT FOR CONSTRUCTION**

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**LANGLEY POND MAINTENANCE BUILDING**  
**CONCEPTUAL**  
113 Langley Dam Road  
Warrentonville, SC 29851  
AIKEN COUNTY, SOUTH CAROLINA



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Department of Engineering  
1930 University Parkway  
Aiken, South Carolina 29801  
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PROJECT:  
**LANGLEY POND  
MAINTENANCE  
BUILDING**  
**< CONCEPTUAL >**

START DATE:  
2015-0319

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

DRAWN BY:  
S. REDICK

COUNTY ENGINEER:  
JOSEPH C. BERRY

SHEET #:  
**Exhibit  
D**

LAST REVISION DATE:  
2015-1022