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			-																									

400 WATT METAL HALIDE

DUPLEX RECEPTACLE.

TELEPHONE OUTLET.

LIGHT FIXTURE TYPE DESIGNATION.

AREA TYPE SMOKE DETECTOR.

GROUND FAULT INTERRUPTER.

TOGGLE TYPE WALL SWITCH.

FIRE ALARM HORN/STROBE.

EXISTING FIXTURE

WALL SWITCH W/OCCUPANCY SENSOR & BUILT IN POWER

OCCUPANCY SENSOR DEVICE SCHEDULE

MANUFACTURED BY SENSOR SWITCH.

TO CONTROL THE POWER PACK.

SENSOR SWITCH #CM-6 (WHITE).

TO CONTROL THE POWER PACK.

SENSOR SWITCH #PP-20.

SENSOR SWITCH #PP-20-2P.

SENSOR SWITCH #CM-9-PDT(WHITE).

MOUNT LEVEL WITH BOTTOM OF JOI

MOUNT LEVEL WITH BOTTOM OF JOIST.

LOW CEILING MOUNTED OCCUPANCY SENSOR

20 AMP POWER PACK THAT IS CONTROLLED BY

ACCESSIBLE CEILING. WIRE AHEAD OF ANY LOCAL

BY THE OCCUPANCY SENSOR(S). LOCATE ABOVE

ACCESSIBLE CEILING, WIRE AHEAD OF ANY LOCAL

POWER PACK W/(2)20 AMP RELAYS THAT IS CONTROLLED

THE OCCUPANCY SENSOR(S). LOCATE ABOVE

SWTCHING, 14 SENSORS MAX. PER PP.

SWITCHING, 14 SENSORS MAX, PER PP.

PACK SENSOR SWITCH #WSD-PDT-WHITE

JUNCTION BOX. 4" SQUARE UNLESS NOTED.

ELECTRICAL NOTES:

1.ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL NEW ELECTRICAL WORK INDICATED.CONSTRUCTION SHALL BE IN ACCORDANCE WITH DRAWINGS AND APPLICABLE SPECIFICATIONS.IF A PROBLEM IS ENCOUNTERED IN COMPLYING WITH THIS REQUIREMENT, CONTRACTOR SHALL NOTIFY THE OWNER OR HIS REPRESENTATIVE AS SOON AS POSSIBLE AFTER DISCOVERY OF THE PROBLEM AND SHALL NOT PROCEED WITH THAT PORTION OF THE WORK UNTIL OWNER HAS DIRECTED CORRECTIVE ACTION TO

2.ELECTRICAL CONTRACTOR SHALL VISIT JOB SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING ELECTRICAL AND TELEPHONE INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF. 3.ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE THE NATIONAL

ELECTRIC CODE AND THE FLORIDA BUILDING CODE AS MODIFIED BY THE PALM 4.DO NOT SCALE THE ELECTRICAL DRAWINGS.REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT. CONFIRM WITH OWNERS REPRESENTATIVE.

5.MINIMUM WIRE SIZE SHALL BE #12 A.W.G. EXCLUDING CONTROL WIRING. UNLESS OTHERWISE NOTED, ALL CONDUCTORS SHALL BE COPPER WITH THHN

6.OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET OR DAMP LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.

7.CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FROM A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF

8.CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THERE BY. 9.ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE

10.CONTRACTOR SHALL PAY FOR ALL PERMITS. FEES, INSPECTIONS AND TESTING, CONTRACTOR TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT. 11.CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING

REQUIRED OF HIS WORK. 12.ELECTRICAL CONTRACTOR SHALL LABEL EXTERIOR OF ALL PANELS AND PROVIDE COMPLETE TYPEWRITTEN DIRECTORIES.

13.ALL LIGHT SWITCHES TO BE AT 42" AFF. 14.PROVIDE ADDITIONAL OCCUPANCY SENSORS AS SHOWN. VERIFY LOCATION AND CONDITION OF EXISTING SYSTEM.

LIGHTING POWER CALCULATION

BAY # 2

Y CHLORIDE GM1

SQUARE FEET LPD(W/SF) ALLOWABLE WATTS DESIGN WATTS SPACE TYPE AUTOMOTIVE 4478

31

NEW PANELBOARD'L2'

100 AMP BUS 42 BRANCH POLES

4 1 20 WAREHOUSE LIGHTING 6 1 20 UNDER MEZZ-MEZZ LIGHTING

SPACE

SHORT CIRCUIT I= 22,000 AMP-SYM-RMS

3 PHASE 4 WIRE

100 AMP MAIN LUGS

BAY 2

A B C

CONNECTED KVA=

WALL MOUNTED EMERGENCY LIGHT W/BATTERY.

FRÁCTIONAL

X FULL NEUTRAL

11 1/2" #10

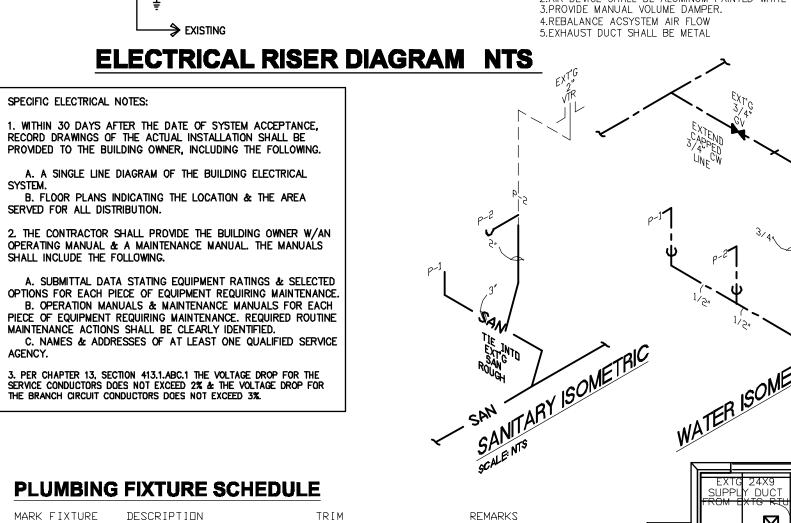
COND. 8

LIGHTING FIXTURE SCHEDULE

NOTE: DESIGN WATTAGE OF 3904 IS LESS THAN THE ALLOWABLE WATTAGE OF 4478

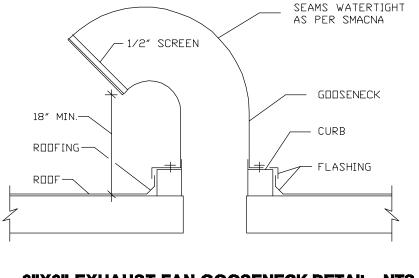
TYPE A	MANUFACTURER LITHONIA	CATALOG NO. IBZ454L	LAMPS (4)F4 HOT5	REMARKS 48-1/16 X 13-1/4 MOUNTED TO BOTTOM OF JOISTS
В	LITHONIA	TZ128T5MV0LTGEB10PS	(4)28W T5	8' LOW BAY STRIP MOUNTED TO BOTTOM OF JOISTS. WITH WIRE GUARD
С	LITHONIA	Z128T5MVOLTGEB10PS	(2)28W T5	4' STRIP MOUNTED TO BOTTOM OF MEZZANINE. WITH WIRE GUARD
D	LITHONIA	SP52228T5A12MVOLTGEB10PS	(2)28W T5	1X4 RECESSED TROFFER.
Χ	CHLORIDE	E-R-B-1-120/6	INCLUDED	LED SINGLE FACE EXIT W/BATTERY.

FAN SCHEDULE EXISTING MC MANUFACTURER SERVICE CFM/S.P. VOLTAGE/PH. EXTEND 2"C TO PANEL W/4#1 & #6 GND. 1. FOR MARK "EF", ACCEPTABLE ALTERNATE MANUFACTURERS SHALL BE PENN, CARNES. **MECHANICAL NOTES** 1.AIR DUCTWORK SHALL BE FIBREGLASS, R=6.0 MIN. 2.AIR DEVICE SHALL BE ALUMINUM PAINTED WHITE



HANDICAP

1 H. C. W. C. A/S 2216. 170 OPEN FRONT SEAT CADET 1.6GPF ELONGATED BOWL. 17″ H I GH LAVATORY A/S 0124.024 A/S 5402, 172H FAUCET WALL MTD W/WRIST HANDLES AND GRID DRAIN AND 0.5 GPM FLOW RESTRICTOR



6"X6" EXHAUST FAN GOOSENECK DETAIL NTS

PLUMBING NOTES

1.ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, RULES AND ORDINANCES. 2.PLUMBING CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS.

3.ALL MATERIALS SHALL BE NEW.

4.REQUIRED INSURANCE SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.

5.PLUMBING CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTS, PLUMBING CONTRACTOR TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT. PLUMBING CONTRACTOR MUST BE PRESENT FOR ALL INSPECTIONS OF HIS WORK BY REGULATORY AUTHORITIES.

6.DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE FOR THE EXACT LOCATION OF FIXTURES, PIPING AND EQUIPMENT. 7.ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION. REPORT ANY DISCREPANCY TO ENGINEER/ARCHITECT PRIOR TO BEGINNING

8. VERIFY LOCATION, SIZE, DIRECTION OF FLOW AND INVERTS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION. ADVISE ENGINEER OF ANY DISCREPANCIES.

9.DOMESTIC WATER PIPE SHALL BE TYPE "L" COPPER WITH NO LEAD SOLDER. 10.SOIL, WASTE, VENT, & STORM PIPING SHALL BE CAST IRON OR SCH 40 11.DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METAL IN PIPING AND EQUIPMENT CONNECTIONS.

12.ISOLATE COPPER PIPE FROM HANGER OR SUPPORTS WITH ISOLATOR PAD. 13.ALL FIRE RATED FLOOR AND WALL PENETRATIONS SHALL BE PROPERLY PROTECTED BY FILLING VOIDS BETWEEN PIPE AND WALL/FLOOR SLEEVES. 14.PLUMBING CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF ACCEPTANCE BY OWNER. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED.

15.PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES. ACCESS PANELS IN RATED WALLS MUST MAINTAIN THE SAME RATING AND MUST MATCH THE FINISH OF THE WALL IN WHICH IT IS INSTALLED.

16.PROVIDE CHROME PLATED COMBINATION COVER PLATE AND CLEAN OUT

PLUG OR ACCESS PANEL FOR ALL WALL CLEAN OUT. 17.ALL CONTROL VALVES SHALL BE TAGGED AND MARKED. A REPRODUCIBLE DIAGRAM LOCATING ALL VALVES SHALL BE PROVIDED FOR OWNER/OPERATOR. 18.ALL CONDENSATE DRAIN PIPING SHALL BE SCH 40 PVC WITH 1/2' THICK TYPE 'G' CELLULAR FOAM INSULATION, K=0.28 MINIMUM.

19.TEST DOMESTIC WATER TO HYDROSTATIC PRESSURE OF 100 PSI AND REMAIN LEAK FREE FOR 24 HOURS.PROVIDE ALL NECESSARY TEST EQUIPMENT, PERFORM TEST IN PRESENCE OF OWNER'S REPRESENTATIVE. ENTER TEST RESULTS IN GENERAL CONTRACTOR JOB LOG.STERILIZE WATER PIPING WITH SOLUTION CONTAINING NOT LESS THAN 50 PARTS PER MILLION OF CHLORINE AND ALLOW TO REMAIN IN SYSTEM FOR A PERIOD OF EIGHT (8)HOURS. FLUSH SYSTEM AFTER STERILIZATION. ALL COST FOR STERILIZATION AND EQUIPMENT SHALL BE PROVIDED BY THE CONTRACTOR.

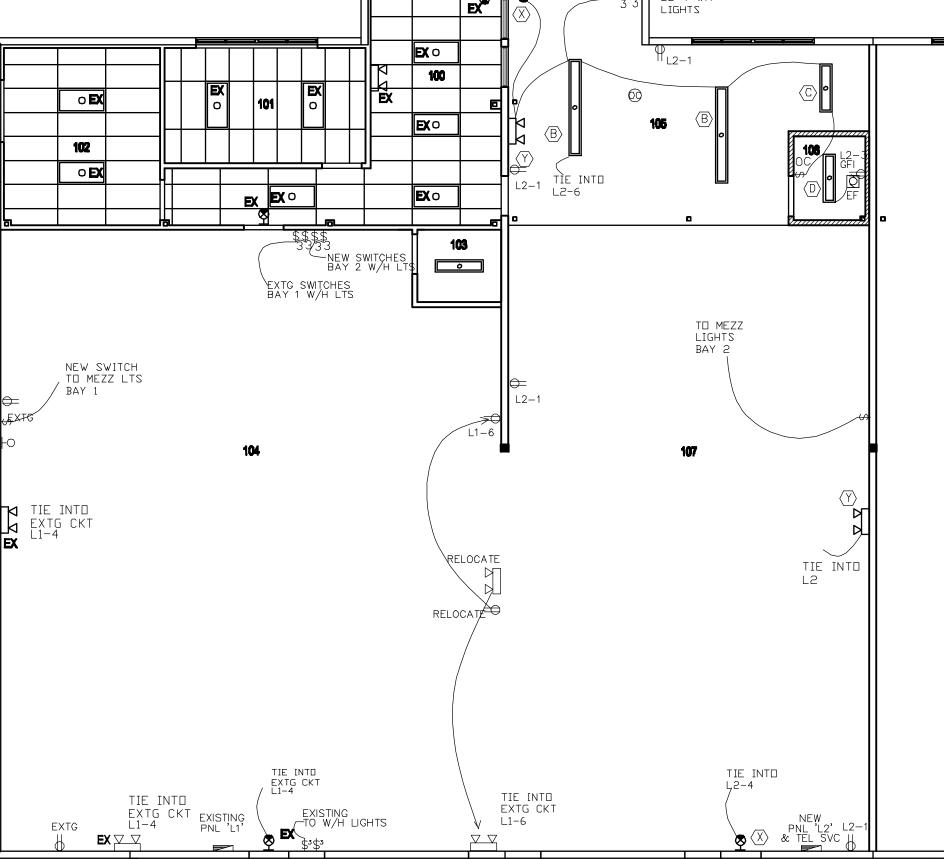
20.PROVIDE 1" (R=4.0 MIN.) INSULATION FOR ALL HOT WATER LINES. 21.ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND APPROPRIATELY MARKED ACCESS PANELS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.

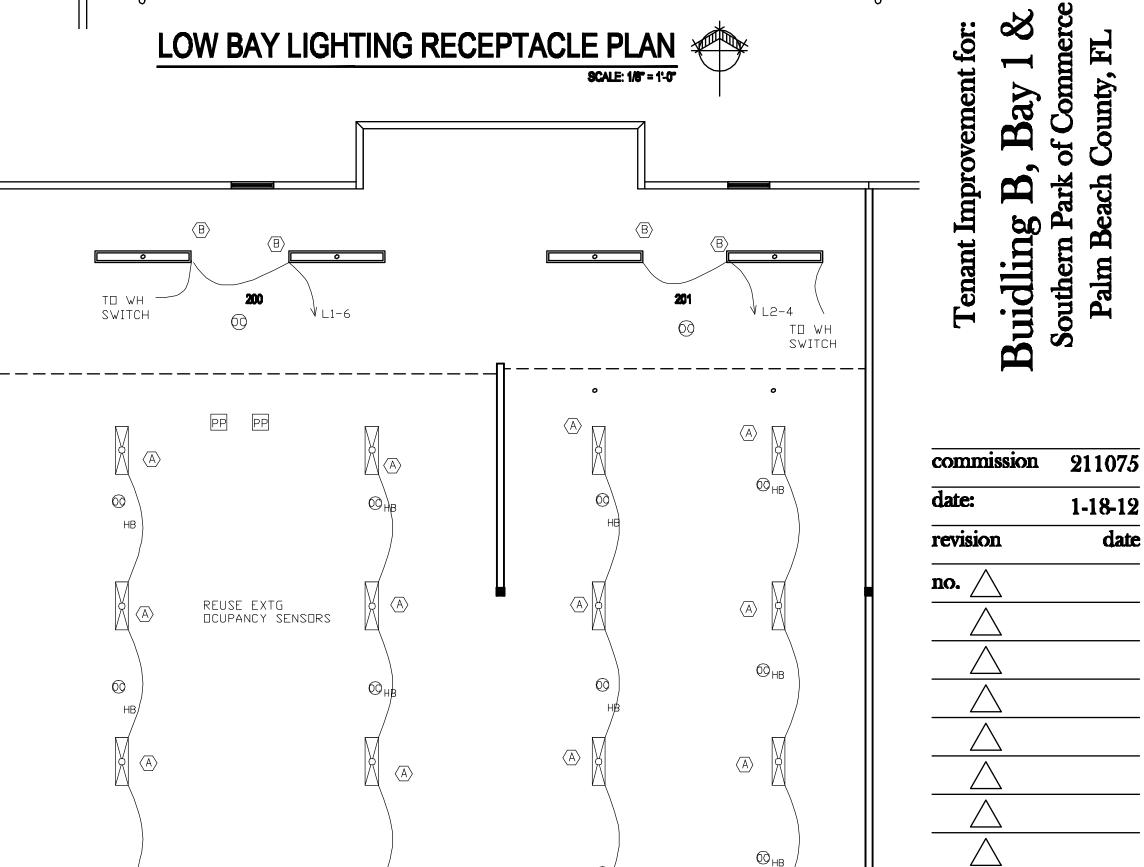
22.PROVIDE ANGLE STOPS ON ALL WATER SERVICE LINES TO FIXTURES FOR INDIVIDUAL SHUTOFF. 23. THE DESIGN & INSTALLATION OF THE PLUMBING SYSTEM & ALL APPURTEN-ANCES SHALL COMPLY STRICTLY WITH THE APPLICABLE PROVISIONS OF THE

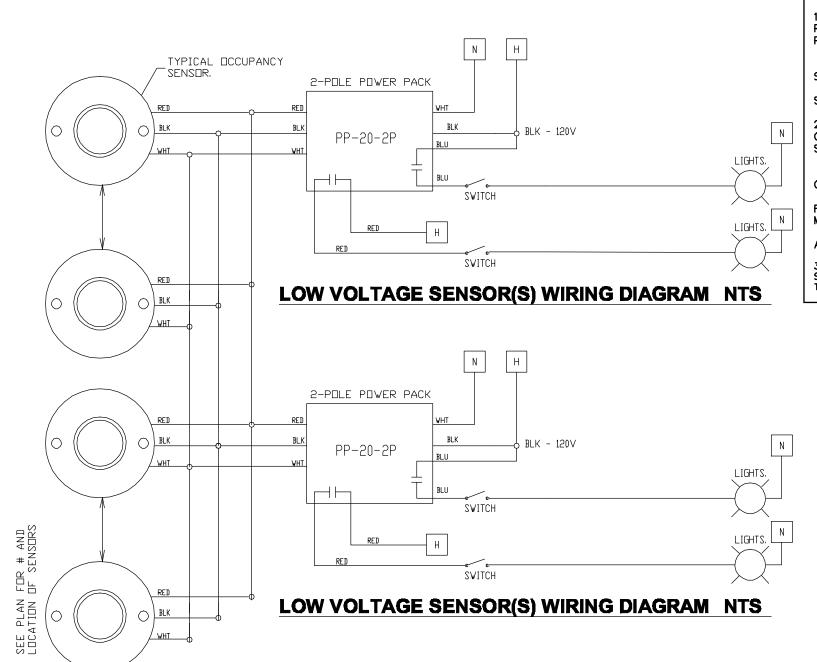
FLORIDA BUILDING PLUMBING CODE & THE LOCAL AMENDMENTS TO THE FLORIDA

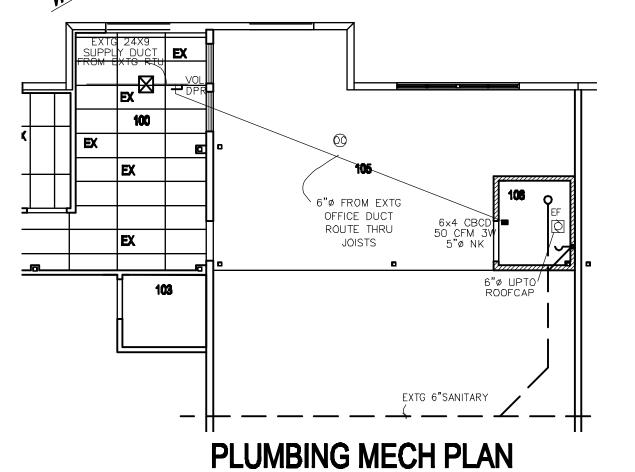
BUILDING PLUMBING CODE. 24.REWIRE EXTG LIGHTING AS REQUIRED.

L2-4 WH LIGHTS 102 ─NEW S 0 EXTG SWITCHES BAY 1 W/H LTS TO MEZZ TO MEZZ LTS TIE INTO HA EXTG CKT RELOCATE TIE INTO RELOCATE TIE INTO TIE INTO EXTG CKT L1-6 TO W/H LIGHTS









LIGHTING PLAN HIGH BAY SCALE: 1/8" = 1'-0"

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√ L2-4

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