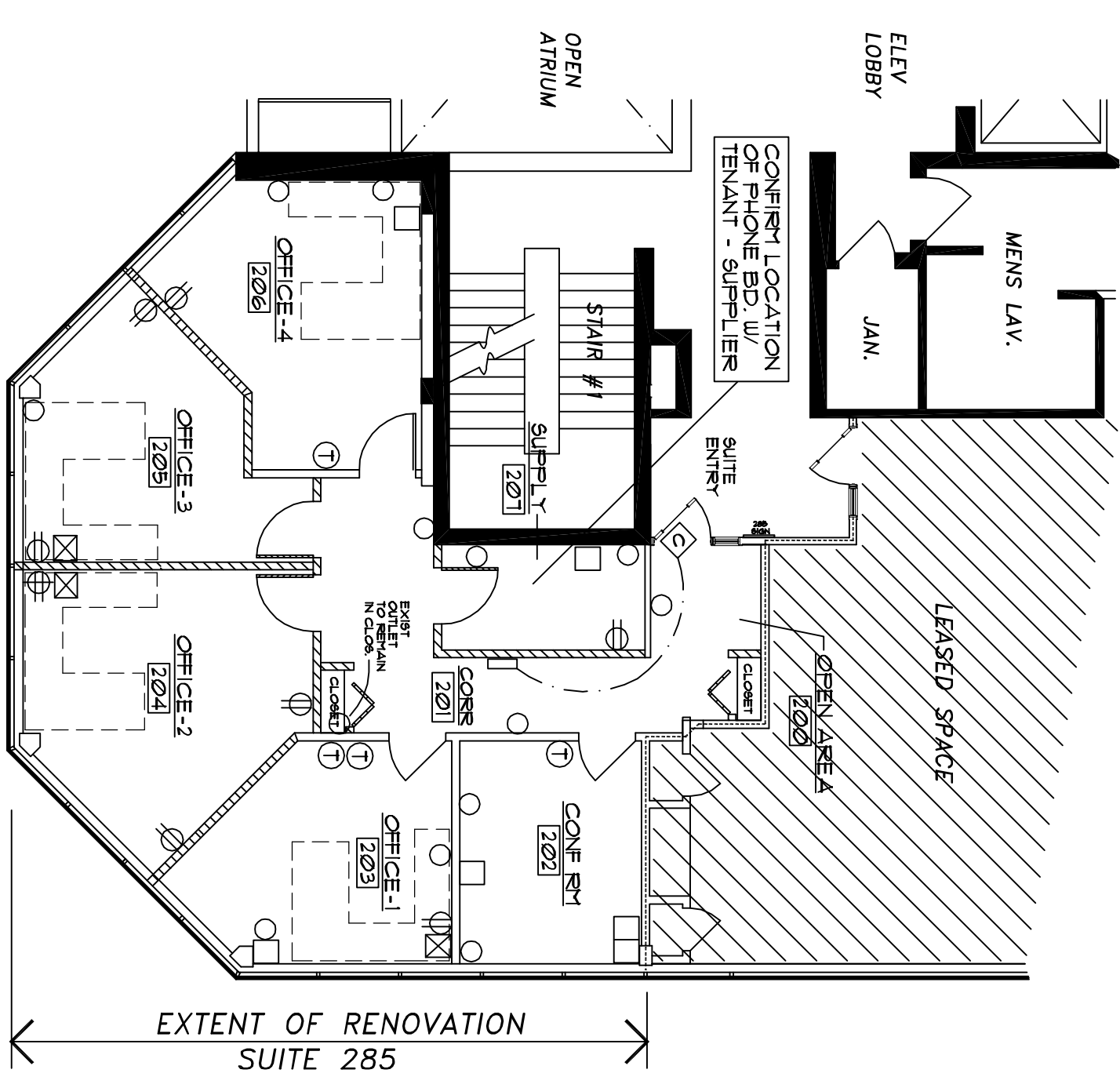


ELECTRICAL SYMBOL LEGEND
REFER TO SHT. T11 FOR FURTHER INFORMATION
GENERAL NOTES: CONTRACTOR TO PROVIDE PROTECTION AS REQ'D IN BUILDING/ SUITE DURING INSTALLATION.
○ EXIST. ELEC. OUTLET TO REMAIN
□ EXIST. PHONE OUTLET TO REMAIN
⊕ EXIST. T-SHIRT TO REMAIN / RELOCATE
⊕ DUPLEX OUTLET (20A/120V)
⊕ DUPLEX GFI OUTLET
⊕ QUADPLEX OUTLET
⊕ DUPLEX SEF. CIR. (20A)
⊕ POWER STUD FOR WALL FIXTURE (VER. HT. W/ TENANT)
⊗ NEW PHONE-DATA OUTLET
⊗ NEW CABLE TV OUTLET
⊗ NEW PHONE EQUIP BOARD VER. LOC. (20A) SIZE W/ TENANT COMM. SUPPLIER
⊕ NEW ENTRY BELL / CHIME TO NOTIFY TENANT OF VISITOR ENTRY COLOR: WHITE
⊕ REPRESENTS GENERIC LAYOUT FOR FURNITURE



ELECTRICAL - COMM. PLAN

SCALE: 1/8" = 1'-0" • PER SPACE PLAN - SP-3

GENERAL NOTES:

- 1) SEE SHEETS T11 FOR GENERAL NOTES & LEGENDS
- ** INSTALL NEW ELEC. DEVICE AT: 18" AFF EXISTING ELEC. OUTLETS TO REMAIN
- ** ALL NEW ELEC. DEVICE / COVERPLATE FINISHES: MATCH EXISTING FINISH
- ** INSTALL NEW E/P/D DEVICE AT: 18" AFF EXISTING E/P/D OUTLETS TO REMAIN
- ** ALL NEW E/P/D DEVICE / COVERPLATE FINISHES: MATCH EXISTING FINISH

NOTE A: ELECTRICAL SERVICE: CONTRACTOR TO REFER TO SHT. T11 FOR ELECTRICAL SERVICE/ ELEC. INSTALLATION. 20A LIGHTING: 120V / 20A - 3TTV / 20A CONTRACTOR TO VERIFY ALL CIRCUITS AVAILABLE IN PANELS & PROVIDE POWER TO OR WITHIN SUITE BASED ON NEW TENANT ELECTRICAL-LIGHTING LOADS	NOTE B: SWITCH GANG LOCATIONS: REFER TO LIGHTING PLAN FOR ALL OTHER SWITCH GANG LOCATIONS.
NOTE C: PHONE/DATA/CABLE ACCESS: ELEC. CONTRACTOR TO PROVIDE CONDUIT (AS SPECIFIED) & PULLSTRING TO ACCESSIBLE CEILING FOR ALL PHONE/DATA & CABLE TV OUTLETS IN GYP. BD. OR LAY-IN CEILING AREAS. TENANT CONTRACTOR TO PULL ALL COMMUNICATION CABLE. FROM J-BOX IN WALL TO ABOVE CEILING IN PLENUM TO PANEL BACK (S). SECURE NEW CABLE ABOVE CEILING TO STRUCTURE PER LOCAL CODE REQUIREMENTS. ALL COMM. CABLES MUST BE PLENUM RATED.	

ASHRAE #90.1 CHECKLIST

LIGHTING APPLICATION COMPLIANCE TABLE

** CALCULATIONS PER ASHRAE #90.1 STANDARD AS ADOPTED BY LOCAL BUILDING AUTHORITY.

SECT. 1: ALLOWED LIGHTING POWER CALCULATION:

BUILDING TYPE	FLOOR AREA (SF)	WATTS / SF ALLOWED	TOTAL WATTS ALLOWED
OFFICE SUITE-285	1,178 SF	1.3 W / SF	1,531 W

SECT. 2: ACTUAL LIGHTING POWER CALCULATION:

FIXTURE TYPE	QUANTITY	LAMPS/FIXTURE	WATTS/FIXTURE	TOTAL WATTS
A/B	2x4 PARABOLIC	3-28w	84w	17
NEW C	DWNLT FLOOR	1-16w	16w	2
				TOTAL
				1,460 W

SECT. 3: COMPLIANCE CALCULATION:

TOTAL WATTS ALLOWED:	1,531 W
LEASE SPACE TOTAL ACT. WATTS USED:	1,460 W
LEASE SPACE COMPLIANCE:	-71 W

PROJECT COMPLIES WITH ASHRAE 90.1 STANDARD

CONTROLS, SWITCHING COMPLIANCE TABLE

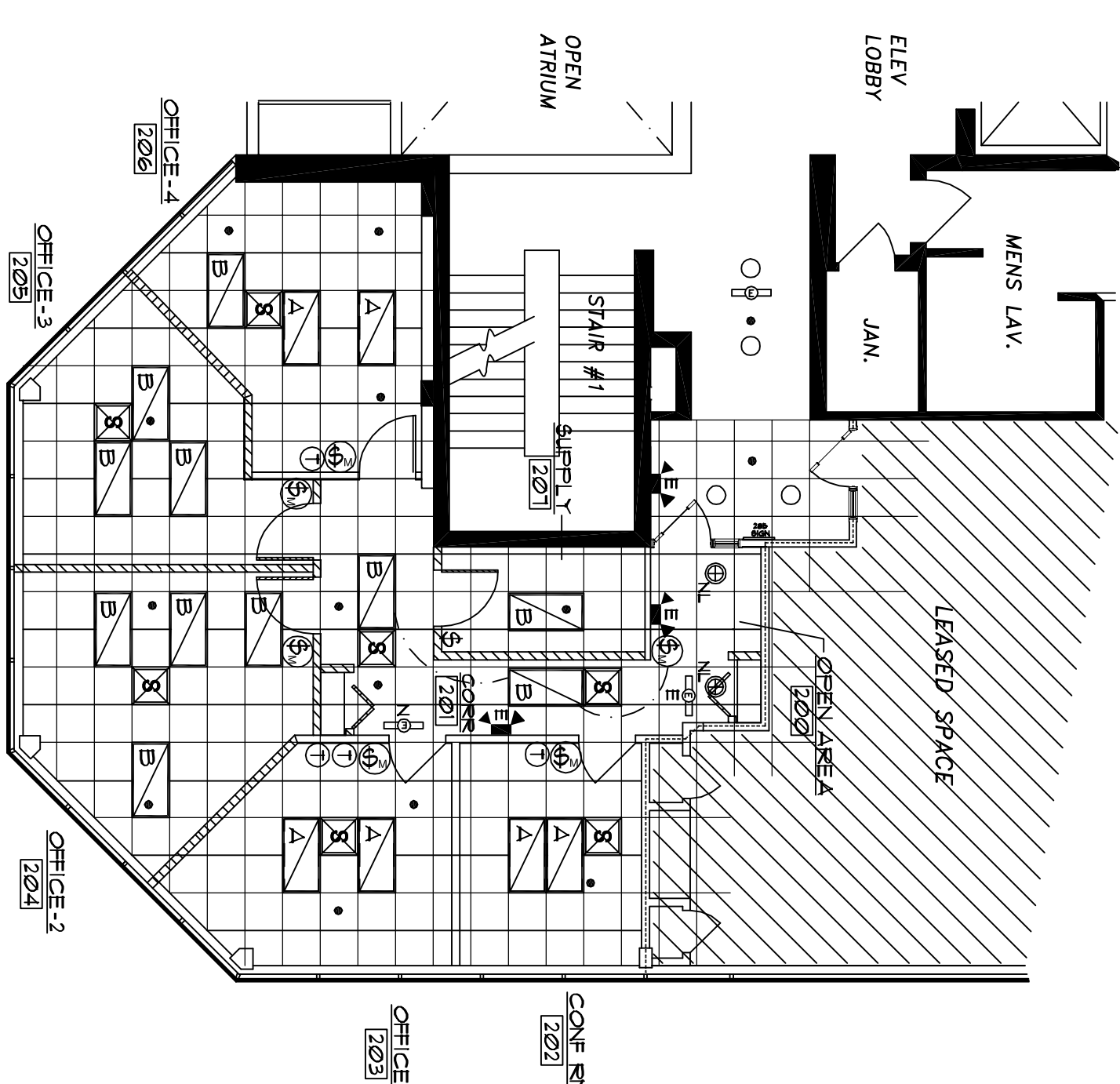
** ALL CONTROL DEVICES PER ASHRAE STANDARD #90.1 - 2001 USING LIGHTING APPLICATION WORKSHEET (COMCHECK-EZ) AS ADOPTED BY LOCAL BUILDING AUTHORITY.

A) PRIVATE ROOMS: TYPICAL

- Ⓢ DUAL TECHNOLOGY WALL SWITCH SENSOR - LEVEL ON/OFF SPLIT SWITCH & PASSIVE INFRARED SENSOR

B) OPEN AREAS / OFFICES:

- Ⓢ DUAL TECHNOLOGY CEILING MOUNT OCCUPANCY SENSOR (RECOM. LAYOUT - APPROX. 16' X 20' (MAX. SPACING 25' BETWEEN))



REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0" • PER SPACE PLAN - SP-3

GENERAL NOTES:

- 1) SEE SHEETS T11 FOR GENERAL NOTES & LEGENDS
 - ** INSTALL SWITCHES IN: EXISTING SWITCH J-BOXES / NEW TO MATCH EXISTING SWITCH FINISHES: MATCH EXISTING FINISH
 - ** ALL SWITCH/ COVERPLATES FINISHES: MATCH EXISTING FINISH
- CEILING HEIGHT:
- EXISTING GRID AT 8'-0" A.F.F.
- ADD NEW 2' X 2' CEILING TILE THRU-OUT.
- CEILING RENOVATION:
- EXISTING GRID TO REMAIN / ADD NEW 2' TEES

NOTE A: EXISTING CEILING HEIGHTS: LAY-IN ABOVE CLG. TILE & GRID @ 8'-0" AFF. / VERIFY IN FIELD	NOTE D: EXIT / EMERGENCY LIGHTS: GO TO MEET BLDG. OFFICIAL TO VERIFY LOCATION & NUMBER OF EMERGENCY LIGHTS. 1-800-368-7070 (MICHIGAN BLDG. CODE 2009 MICHIGAN BLDG. CODE)	NOTE F: ELEC. ANNUNCIATION SYSTEM: SHROUDS, ALARMS, SMOKE DETECTORS, ETC. INTO OPEN AREAS ROOMS & THRU-OUT SUITE AS PER LOCAL BLDG. AUTHORITY AS PER LOCAL BLDG. (SD). THE CONTRACTOR IS RESPONSIBLE TO SUBMIT ANY CHANGES REQUIRED FOR REVIEW / APPROVAL BY THE LOCAL BLDG. AUTHORITY.
NOTE B: INSULATION ABOVE CEILING: USING ACQUISITION SOUND BATT INSULATION INSULATE OVER 2" OF EACH SIDE OF WALL	NOTE E: HVAC CONTR. IS RESPONSIBLE FOR TESTING & BALANCING OF THE HVAC SYSTEM. SUBMIT REQUIRED DRAWINGS TO THE LOCAL BUILDING AUTHORITY FOR REVIEW & APPROVAL IF REQUIRED.	
NOTE C: PHONE / DATA CABLING: TENANT CONTRACTOR TO BE RESPONSIBLE FOR ALL COMM. DATA CABLING. ALL CABLE TO BE PLENUM RATED.		

REF. CEILING SYMBOL LEGEND
REFER TO SHT. T11 FOR FURTHER INFORMATION
GENERAL NOTES: CONTRACTOR TO PROVIDE PROTECTION AS REQ'D IN BUILDING/ SUITE DURING INSTALLATION.
EXIST. GRID LAYOUT PER SURVEY (3-6-14)
EXIST 2' X 4 METAL GRID THRU-OUT TO REMAIN - ADD 2' CROSS TEES.
EXIST 2' X 4 CEILING TILE TO BE REMOVED THRU-OUT & REPLACED W/ NEW 2' X 2' TILE REPLICATION.
EXISTING CELL HT. = 8'-0"
EXIST. GYP. BD. CEILING IN SUITE ENTRY LOBBY AREA TO REMAIN
EXIST. SPRINKLER HEAD LOCATION. FP CONTR. TO RE-WORK PER CODE.
EXIST. SUPPLY AIR GRILL LOCATION. HVAC CONTR. TO RE-WORK PER CODE.
EXIST 2x4 FIXTURE TO BE REMOVED.
REMOVE ALL OTHER 2' X 4 FIXTURES IN EXIST'G. LOCATIONS & REPLACE W/ NEW 3-1 AMP 18 CELL PARABOLIC FIXTURES. T-8 / 4000 K LAMPS NIGHT LIGHT CIRCUIT
NEW 2' X 4 PARABOLIC FIXTURE IN NEW CELLS. PARABOLIC FIXTURES: T-8 / 4000 K LAMPS
NEW WALL MTD. DECORATIVE HEIGHT / LOCATION BY TENANT
NEW FLOOR DOWN LIGHT W/ WHITE TRIM & WHITE SPHERICAL CAN. 1" @ 9" IN TYPE FLOOD FLOOR LAMP - 3100 K
EMERGENCY LIGHT (EXIST) OR RELOCATE / NEW TO MATCH.
EXIT SIGN (EXIST) OR RELOCATE / NEW TO MATCH.
EXISTING DIMMER SWITCH
REPLACE EXISTING WALL MOUNT SWITCHES (SINGLE / THREE WAY) W/ DUAL TECHNOLOGY
REPLACE SINGLE POLE SWITCH
REPLACE 3-WAY SWITCH

PAZZI

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INTERIOR DESIGN
CONTRACT FURNISHINGS
FACILITIES MANAGEMENT

Richard A. Zischke
REGISTERED ARCHITECT
LIVONIA, MICHIGAN 48152
(248) 476-0140

KEY PLAN
2ND FLOOR
KEY PLAN NORTH
developer STINGER DEVELOPMENT CO. LTD
tenant B.L. CONSULTANTS SECOND FLOOR SUITE 285
building 300 PARK OFFICE BUILDING 300 PARK STREET BIRMINGHAM, MI
sheet CEILING PLAN / ELEC-COMM PLAN
revisions
no. description: date:
issued for: date: 4-3-14
■ preliminary
□ bidding
□ permit
□ construction
scale AS NOTED
checked DH
architect seal
project no. B-214-115
01-28-06-154
sheet no. A.2.1