

SYMBOL	ITEM	DESCRIPTION
	RECESSED DOWNLIGHT	REFER TO LIGHT FIXTURE SCHEDULE FOR DESCRIPTION
	RECESSED DIRECTIONAL	REFER TO LIGHT FIXTURE SCHEDULE FOR DESCRIPTION
	TRACK LIGHT	REFER TO LIGHT FIXTURE SCHEDULE FOR DESCRIPTION
	FLUORESCENT STRIP	REFER TO LIGHT FIXTURE SCHEDULE FOR DESCRIPTION
	EMERGENCY FLOOR STRIP	REFER TO LIGHT FIXTURE SCHEDULE FOR DESCRIPTION
	FLUORESCENT TROFFER	REFER TO LIGHT FIXTURE SCHEDULE FOR DESCRIPTION
	SCONCE	REFER TO LIGHT FIXTURE SCHEDULE FOR DESCRIPTION
	DECORATIVE PENDANTS	REFER TO LIGHT FIXTURE SCHEDULE FOR DESCRIPTION
	DECORATIVE LAMP	REFER TO LIGHT FIXTURE SCHEDULE FOR DESCRIPTION
	EXIT SIGN W/ DIRECTIONAL ARROWS	ARROWS OPTIONAL PER PLAN. REFER TO LIGHT FIXTURE SCHEDULE FOR DESCRIPTION.
	EMERGENCY LIGHT	REFER TO LIGHT FIXTURE SCHEDULE FOR DESCRIPTION
	SCENT-AIR FRAGRANCE DISTRIBUTOR	REFER TO LIGHT FIXTURE SCHEDULE FOR DESCRIPTION
	SWITCH	
	SWITCH - MOTION SENSOR	HUBBELL WS127W2Z PASSIVE INFRARED, DOUBLE POLE, SINGLE THROW WALL SWITCH SENSOR WITH TWO SEPARATE RELAYS. WHITE COLOR FINISH.
	SWITCH - DIMMER	HUBBELL S81W, SINGLE POLE, SINGLE THROW WALL DIMMER SWITCH. WHITE COLOR FINISH.
	KEY - SWITCH	HUBBELL HBL1223RKL, SINGLE POLE, THREE-WAY BARRAL KEY WALL SWITCH FOR STOREFRONT ROLLING GRILLE. WHITE COLOR FINISH.
	NIGHT LIGHT	
	EMERGENCY LIGHTING FIXTURE	
	CEILING EXHAUST FAN	REFER TO MECHANICAL SCHEDULE FOR INFORMATION.
	TRAFFIC COUNTER	
	RADIO FREQUENCY ANTENNA	
	ENHANCED FR PAGING SYSTEM CEILING SENSOR	
	SPEAKER/SUBWOOFER	REFER TO ARCHITECTURAL DRAWINGS FOR INFORMATION.
	ANALOG CAMERA/DOME	REFER TO ARCHITECTURAL DRAWINGS FOR INFORMATION.
	IP CAMERA	REFER TO ARCHITECTURAL DRAWINGS FOR INFORMATION.
	SECURITY VIEW MONITOR	REFER TO ARCHITECTURAL DRAWINGS FOR INFORMATION.
	SINGLE RECEPT. W/ COVERPLATE	20 AMP, 120 VOLT
	DUPLEX RECEPT. W/ COVERPLATE	20 AMP, 120 VOLT, SHALL BE WHITE UNLESS NOTED OTHERWISE
	QUAD. RECEPT. W/ COVERPLATE	20 AMP, 120 VOLT
	DUPLEX RECEPT. W/ COVERPLATE	DEDICATED DUPLEX RECEPTACLE ON ISOLATED GROUND, 20 AMP, 120 VOLT
	QUAD RECEPT. W/ COVERPLATE	DEDICATED QUAD RECEPTACLE ON ISOLATED GROUND, 20 AMP, 120 VOLT
	DUPLEX FLUSH FLOOR RECEPT.	20 AMP, 120 VOLT FLOOR BOX
	QUAD FLUSH FLOOR RECEPT.	20 AMP, 120 VOLT FLOOR BOX
	DUPLEX FLUSH FLOOR RECEPT. W/DATA	DEDICATED DUPLEX FLOORBOX ON ISOLATED GROUND, 20 AMP, 120 VOLT
	QUAD FLUSH FLOOR RECEPT.	DEDICATED QUAD FLOORBOX ON ISOLATED GROUND, 20 AMP, 120 VOLT
	TELEPHONE OUTLET	WHITE COLOR RJ14C TELE. JACK IN SALES AND NON-SALES AREA.
	DATA/TELEPHONE OUTLET	WHITE COLOR PLATE IN SALES AND IN NON-SALES AREA.
	JUNCTION BOX	JUNCTION BOX, 4" x 4" x 2 1/8" DEEP MINIMUM
	MAGNETIC STARTER	FULL VOLTAGE STARTER IN A NEMA 1 ENCLOSURE, SIZE 1 MINIMUM
	DISCONNECT SWITCH	HEAVY DUTY, FUSIBLE AND NON-FUSIBLE PROVIDED BY EC
	DISCONNECT SWITCH	HEAVY DUTY, FUSIBLE AND NON-FUSIBLE PREINSTALLED WITH EQUIPMENT
	DELIVERY BUZZER TRANSFORMER	TRANSFORMER AT 8"-0" AFF
	DELIVERY BUZZER	REFER TO POWER PLAN FOR MOUNTING INFORMATION
	PUSHBUTTON	PUSH BUTTON UNIT
	CEILING SMOKE DETECTOR	SYSTEM CONNECTED CEILING MOUNTED PHOTOELECTRIC TYPE SMOKE DETECTOR
	DUCT SMOKE DETECTOR	SYSTEM CONNECTED DUCT MOUNTED PHOTOELECTRIC TYPE SMOKE DETECTOR COMPLETE WITH SAMPLING TUBES
	Twist-LOCK RECEPTACLE	DREAMSTEAMER - (FURNISHED BY LS&C)
	DOOR CONTACT	FOR SECURITY SYSTEM
	MOTION DETECTOR	CEILING MOUNTED
	MOTION DETECTOR	WALL MOUNTED
	KEYPAD	KEYPAD SEE FLOOR PLAN FOR LOCATION
	CEILING MOUNTED OCC, SENSOR	
	SENSOR	SINGLE GANG BOX (2"x4") FOR SENSOR WITH FACE FLUSH TO DRYWALL.
	THERMOSTAT	SINGLE GANG BOX (2"x4") FOR THERMOSTAT WITH FACE FLUSH TO DRYWALL.
	ELECTRICALLY OPERATED DAMPER W/ TOGGLE DISCONNECT	REFER TO MECHANICAL DRAWINGS FOR SPECIFICATIONS.
	FIRE ALARM CONTROL PANEL	INCLUDES BATTERY BACK-UP FURNISHED AND INSTALLED BY FIRE ALARM CONTRACTOR. COORDINATE WITH LANDLORD ALL FINAL SEQUENCES OF OPERATION.
	FIRE ALARM REMOTE ANNUNCIATOR	
	FIRE ALARM MANUAL PULL STATION	MOUNT CENTER OF DEVICE AT 48" AFF
	FIRE ALARM HORN/STROBE	DEVICE SHALL BE WALL MOUNTED. MOUNT BOTTOM OF DEVICE AT 80" AFF CANDELA RATING BY FIRE ALARM CONTRACTOR.
	FIRE ALARM STROBE	DEVICE SHALL BE WALL MOUNTED. MOUNT BOTTOM OF DEVICE AT 80" AFF CANDELA RATING BY FIRE ALARM CONTRACTOR.
	FIRE ALARM STROBE	DEVICE SHALL BE CEILING MOUNTED. CANDELA RATING BY FIRE ALARM CONTRACTOR.
	FIRE ALARM BELL	DEVICE SHALL BE MOUNTED ABOVE THE CEILING. RATING BY FIRE ALARM CONTRACTOR.
	HEAT DETECTOR	
	END OF LINE RESISTOR	
	FAN SHUT DOWN RELAY	
	FIRE ALARM WATER FLOW SWITCH	
	EVACUATION SPEAKER	WHITE FOR LIGHT COLOR CEILINGS, BLACK FOR DARK COLOR CEILINGS.
	DIMMING CONTROL	LUTRON GRAFIK EYE DIMMING SYSTEM. SEE SHEET E05.01 FOR MORE INFORMATION.

ELECTRICAL SYMBOLS LEGEND	NTS	N
	00N-E0101-NOO-LGND	12/17/13

ELECTRICAL SERVICE / DISTRIBUTION									
ITEM	FURNISHED BY			INSTALLED OR PERFORMED BY			RE-USE EXISTING	N/A	REMARKS
	LANDLORD	CONTR.	LS VENDOR	LANDLORD	CONTR.	OTHER			
MAIN OVER CURRENT DEVICE IN LANDLORD'S REAR CORRIDOR		EC			EC		●		FIELD VERIFY PRIOR TO BID
METER IN LANDLORD'S REAR CORRIDOR (VERIFY W/ POWER PLANS, RESE)							●		FIELD VERIFY PRIOR TO BID
C/TS AND CABINET IN LANDLORD'S OR TENANT'S SPACE (VERIFY W/ POWER PLANS, RESE)								●	FIELD VERIFY PRIOR TO BID
SERVICE ENTRANCE CONDUIT(S) TO LEASE SPACE		EC			EC		●		FIELD VERIFY PRIOR TO BID
SERVICE ENTRANCE FEEDER(S) TO LEASE SPACE		EC					●		FIELD VERIFY PRIOR TO BID
I.F.S. ENCLOSURE (SWITCHGEAR ASSEMBLY)			IF		EC				
277/480 VOLT PANEL			IF			IF			INSTALLED IN FACTORY
STEP DOWN LINE TRANSFORMER & MOUNTING ACCESSORIES					IF				INSTALLED IN FACTORY
120/208 VOLT PANEL(S)			IF		IF				INSTALLED IN FACTORY
SMART BREAKER SYSTEM FOR LIGHTING CONTROL			IF			IF			INSTALLED IN FACTORY
LIGHTING CONTROLLER WITH POWER SUPPLY AND OVERRIDE STATION		EMS				IF			INSTALLED IN FACTORY
BREAKER LOCKS			IF		EC				AS REQUIRED BY ENGINEER
MECHANICAL / PLUMBING EQUIPMENT COORDINATION									
ITEM	FURNISHED BY			INSTALLED OR PERFORMED BY			RE-USE EXISTING	N/A	REMARKS
	LANDLORD	CONTR.	LS VENDOR	LANDLORD	CONTR.	OTHER			
POWER WIRING AND CONDUIT / PULL STRING TO ALL HVAC EQUIPMENT		EC			EC				
ROOF TOP UNIT - DISCONNECT SWITCH								●	
ROOF TOP UNIT - WEATHERPROOF GFI SERVICE REC.								●	WIRED BY EC
AIR HANDLING UNIT (CX AND/OR HW, CW WITH ELECTRIC HEAT-DISCONNECT SWITCH/FAN CONTACTS			AC			AC			
AIR HANDLING UNIT (DX SPLIT) - DISCONNECT SWITCH / FAN CONTACTS								●	
CONDENSING UNIT (DX SPLIT) - DISCONNECT SWITCH								●	
CONDENSING UNIT (DX SPLIT) - WEATHERPROOF GFI SERVICE REC.								●	
FAN POWERED VAV / VAV SYSTEM (WITH OR WITHOUT ELECTRIC HEAT) - DISCONNECT SWITCH			AC			AC			
WATER SOURCE HEAT PUMP - DISCONNECT SWITCH								●	
TOILET EXHAUST FANS (FRACTIONAL HP) WITH DISCONNECT SWITCH			LD		MC				
ELECTRONIC CONTROL DAMPERS - DISCONNECT SWITCH		EC			EC				
DUCT HEATERS								●	
HVAC SENSOR JUNCTION BOX AND CONDUIT WITH PULL STRING		EC			EC				WIRED BY MC
LOW VOLTAGE SYSTEMS									
ITEM	FURNISHED BY			INSTALLED OR PERFORMED BY			RE-USE EXISTING	N/A	REMARKS
	LANDLORD	CONTR.	LS VENDOR	LANDLORD	CONTR.	OTHER			
PAGING SYSTEM - HARDWARE			PS			PS			
PAGING SYSTEM - WIRE			PS		EC				WIRED BY EC, FINAL CONNECT BY PS
PAGING SYSTEM - CONDUIT / PULL STRING		EC			EC				IF REQUIRED BY AHJ
BURGLAR / SECURITY SYSTEM - HARDWARE			SSV		SC				
BURGLAR / SECURITY SYSTEM - WIRE			SSV		EC				
BURGLAR / SECURITY SYSTEM - CONDUIT / PULL STRING		EC			EC				IF REQUIRED BY AHJ
RF TECHNOLOGY SYSTEM - HARDWARE			RF		MC				
RF TECHNOLOGY SYSTEM - WIRE			RF		MC				
RF TECHNOLOGY SYSTEM - CONDUIT / PULL STRING		EC			EC				
CCTV / ALARM SYSTEM - HARDWARE			SSV		SC				
CCTV / ALARM SYSTEM - WIRE			SSV		SC				
CCTV / ALARM SYSTEM - CONDUIT / PULL STRING		EC			EC				IF REQUIRED BY AHJ
MUSIC SYSTEM - HARDWARE (SPEAKERS / CD PLAYER)			MS		EC				
MUSIC SYSTEM - WIRE			MS		EC				
MUSIC SYSTEM - CONDUIT / PULL STRING		EC			EC				IF REQUIRED BY AHJ
DELIVERY BUZZER SYSTEM - HARDWARE			LD		EC				
DELIVERY BUZZER SYSTEM - WIRE			EC		EC				
DELIVERY BUZZER SYSTEM - CONDUIT / PULL STRING		EC			EC				IF REQUIRED BY AHJ
TRAFFIC COUNTER - CONDUIT / PULL STRING		EC			EC				
TRAFFIC COUNTER - COUNTER / WIRE		LS&C			LS&C				
MISCELLANEOUS ELECTRICAL ITEMS									
ITEM	FURNISHED BY			INSTALLED OR PERFORMED BY			RE-USE EXISTING	N/A	REMARKS
	LANDLORD	CONTR.	LS VENDOR	LANDLORD	CONTR.	OTHER			
LIGHTING FIXTURES AND LAMPS			LD		EC				
RECEPTACLES, COVERPLATES AND MOTION SENSOR LIGHT SWITCHES			LD		EC				
FLOOR BOXES AND COVERS			LD		EC				UNLESS OTHERWISE NOTED ON PLANS
JUNCTION BOXES		EC			EC				
SENSORMATIC SYSTEM - HARDWARE								●	
SENSORMATIC SYSTEM - POWER WIRING AND CONDUIT / PULL STRING								●	
DATA AND TELEPHONE SYSTEMS - CABLE AND JACKS		TEL			TEL				
DATA AND TELEPHONE SYSTEMS - CONDUITS / PULL STRING		EC			EC				
TELEPHONE REMARK PANEL - PROTECTION OF DURING CONSTRUCTION / REDUCTION / DISLOCATION		GC			GC				CALL LS&C TO REDUCED, DO NOT GET WIRE.
DUCT SMOKE DETECTOR		FAC				AC			
MECHANICAL EQUIPMENT SHUT-DOWN RELAY		MC			MC				
FIRE ALARM SYSTEM		FAC			FAC				
CASHWRAP - POWER WIRING AND CONDUIT / PULL STRING		EC			EC				
ROLLING GRILLE - POWER WIRING AND CONDUIT / PULL STRING								●	
ROLLING GRILLE - INTERLOCK AND BARREL SWITCH								●	
ROLLING GRILLE - DOOR AND MOTOR								●	
DREAMTEAMER - POWER WIRING AND CONDUIT / PULL STRING								●	
AS-BUILT DRAWINGS		EC			EC				
ABBREVIATIONS:									
AC	HVAC EQUIPMENT SUPPLIER			MC	MECHANICAL CONTRACTOR				
AHJ	AUTHORITY HAVING JURISDICTION			MS	MUSIC SYSTEM VENDOR				
EC	ELECTRICAL CONTRACTOR			PC	PLUMBING CONTRACTOR				
EMS	ENERGY MANAGEMENT SYSTEM VENDOR			PS	PAGING SYSTEM VENDOR				
FAC	FIRE ALARM CONTRACTOR			RC	RF TECHNOLOGY CONTRACTOR				
GC	GENERAL CONTRACTOR			RF	RF TECHNOLOGY SYSTEM VENDOR				
IF	IFS SUPPLIER			SC	SECURITY CONTRACTOR				
LD	LIGHTING PACKAGE DISTRIBUTOR			SSV	SECURITY SYSTEM VENDOR				
LL	LANDLORD			SV	SENSORMATIC VENDOR				
LS&C	LIMITED STORE DESIGN AND CONSTRUCTION			TEL	TELEPHONE CONTRACTOR				
ANY ITEM NOT SHOWN IS THE RESPONSIBILITY OF CONTRACTOR.									
ELECTRICAL RESPONSIBILITY SCHEDULE							NTS		
							OON-E0101-J00-SCHD		

ELECTRICAL RESPONSIBILITY SCHEDULE	NTS	J
	00N-E0101-J00-SCHD	03/24/12

FIRE RATED PENETRATION SCHEDULE						
TYPE OF PENETRATION	CONCRETE OR MASONRY		GYPSUM BOARD/FRAME		"SPECSEAL FIRESTOP" PRODUCTS	
	FLOORS UL SYSTEM #	WALLS UL SYSTEM #	FLOORS UL SYSTEM #	WALLS UL SYSTEM #		
METAL CONDUITS MAX. 4"	CAJ1080 CAJ11213 CAJ1198	CAJ1080 WJ1030 CAJ1198	FC1010	WL1049 WL1088 WL1062	SSS100 SEALANT LC100 SEALANT PEN300 SILICONE	
PVC CONDUIT 2" AND SMALLER	CAJ2031	WJ2018	FC2032	WL2093	SSS100 SEALANT	
PVC CONDUITS 2" THRU 4"	CAJ2038 CAJ2045 CAJ2124	CAJ2038 CAJ2045 CAJ2124	FC2033	WL2029 WL2059 WL4008	FIRESTOP COLLAR FIRESTOP COLLAR WRAP STRIPS	
CABLE TRAY STEEL OR ALUMINUM	CAJ4029 CAJ4020	WJ4021 CAJ4020		WL4008 WL4005	FIRESTOP PILLOWS FIRESTOP MORTAR SSS100 SEALANT	
ELECTRICAL BUS DUCT	CAJ6003 CAJ6008 CAJ3154	CAJ6003 CAJ6008 WJ3022		WL6001 WL3076	PEN300 SILICONE SSS100 SEALANT SSS100 SEALANT	
CABLE BUNDLES MAX. 3"						
NOTES:						
1. ALL U.L. LISTED SYSTEMS SHOWN ABOVE ARE BASED ON PROVIDING A 1 & 2 HOUR RATED FIRESTOP, WHERE 3 HOUR RATING IS REQUIRED, CONTACT FIRESTOP PRODUCT MANUFACTURER FOR DESIGN MODIFICATIONS.						
2. ALL U.L. LISTED SYSTEMS SHOWN ABOVE ARE BASED ON "SpecSeal Firestop" PRODUCTS FROM SPECIFIED TECHNOLOGIES, INC. OR APPROVED EQUAL PRODUCTS FROM "3-M" OR HILTI, INC.						

FIRE PENETRATION SCHEDULE		NTS	H
		00N-E0101-H00-SCHD	08/12/11

1. FIRE ALARM SYSTEM SHALL BE UL LISTED AND APPROVED BY LOCAL FIRE OFFICIAL AND FIRE DEPARTMENT.

2. FIRE ALARM SYSTEM TO SHUT-DOWN HVAC UNITS IN CASE OF ANY ZONE ALARM.

3. FIRE ALARM CONTRACTOR SHALL FURNISH AND INSTALL RELAYS AND DRY CONTACTS FOR HVAC UNITS AS REQUIRED. RELAYS SHALL SHUT-DOWN HVAC UNITS UPON ANY ZONE ALARM.

4. TENANT'S FIRE ALARM SYSTEM SHALL BE PRETESTED PER LANDLORD'S CRITERIA AND LOCAL AUTHORITY. TENANT'S FIRE ALARM SYSTEM SHALL BE FINAL TESTED BY THE LOCAL BUILDING AND FIRE MARSHALL AND WITNESSED BY LANDLORD'S ON-SITE REPRESENTATIVE.

5. LANDLORD'S FIRE ALARM CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO LANDLORD'S FIRE ALARM SYSTEM AT THE TENANT'S SOLE COST AND EXPENSE.

6. THESE PLANS MAY BE USED FOR CONSTRUCTION ONLY AFTER APPROVAL IS OBTAINED FROM THE BUILDING DEPARTMENT FIRE ALARM PLAN CHECK DIVISION AND THAT DIVISION'S STAMPED APPROVAL AND AUTHORIZED SIGNATURE APPEAR ON THE PLANS.

7. COORDINATE ALL WORK WITH ALL TRADES INCLUDING BUT NOT LIMITED TO MECHANICAL, ELECTRICAL, PLUMBING, FIRE SPRINKLER, AND STRUCTURAL CONTRACTORS. INSTALL ALL WORK TO CLEAR NEW AND EXISTING ARCHITECTURAL AND STRUCTURAL MEMBERS. NO ITEM SUCH AS PIPE, DUCT, ETC. IS TO BE IN CONTACT WITH ANY EQUIPMENT.

8. REFER TO ARCHITECTURAL DRAWINGS FOR DEMOLITION WORK AND EXACT FIXTURE LOCATIONS.

9. FIRE ALARM CONTRACTOR SHALL FURNISH AND INSTALL RELAYS AND DRY CONTACTS FOR HVAC UNITS AS REQUIRED. RELAYS SHALL SHUT-DOWN HVAC UNITS UPON ANY ZONE ALARM.

10. THE FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY THE EXACT LOCATION OF SMOKE DETECTORS AND FIRE ALARM INTERFACE PANEL IN TENANT'S DESIGNATED PREMISES PRIOR TO SUBMITTING HIS OR HER BID. NO ADDITIONAL COMPENSATION WILL BE MADE FOR ANY EXTRAS DUE TO CONTRACTOR'S FAILURE TO VISIT THE JOB SITE AND/OR FAILURE TO PREDETERMINE ALL EXISTING CONDITIONS BEFORE SUBMITTING HIS OR HER BID.

11. ACCESS TO ALL COMPONENTS AND EQUIPMENT MUST BE PROVIDED TO MEET CODE AND SERVICE/MAINTENANCE EASE.

12. THE CONTRACTOR SHALL VERIFY WITH LOCAL CODES AS TO THE REQUIREMENT/INSTALLATION OF THE FIRE ALARM SYSTEM.

13. UPON COMPLETION OF THE WORK, CONTRACTOR SHALL ENSURE THE PROPER WORKING ORDER OF THE SYSTEM(S) AND MAKE ANY ADJUSTMENTS AS REQUIRED.

14. FIRE ALARM CONTRACTOR SHALL PROVIDE UL LISTED FIRE STOPPING SYSTEMS AROUND ALL CONDUIT PENETRATIONS THROUGH RATED WALLS.

15. FIRE ALARM CONTRACTOR RESPONSIBLE FOR PULLING LOW VOLTAGE PERMIT.

FIRE ALARM GENERAL NOTES		NTS	G
		00N-E0101-G00-NOTE	08/12/11

1. FIRE ALARM SYSTEM SHALL BE FURNISHED, INSTALLED AND WIRED BY THE FIRE ALARM CONTRACTOR. THIS CONTRACTOR SHALL PROVIDE A SYSTEM (LANDLORD APPROVED) EQ SIMPLEX/GRINNELL, ALL OTHER MISCELLANEOUS ITEMS FOR A COMPLETE AND OPERATING FIRE ALARM SYSTEM. LANDLORD'S CONTROL PANEL TO BE PROGRAMMED SO THAT IF ANY ONE ZONE GOES INTO ALARM, ALL H.V.A.C. UNITS ARE TO BE SHUT DOWN.

2. THE FOLLOWING PERIPHERAL DEVICES TO BE INSTALLED AS A PART OF THE FIRE ALARM SYSTEM:
2.1. DUCT MOUNTED SMOKE DETECTORS, PHOTOELECTRIC TYPE WITH REQUIRED SAMPLING TUBES.

3. OWNER TO PROVIDE WIRING AND CONNECTION TO "LOCAL ENERGY MUNICIPAL BOX OUTPUT". ALL FIRE ALARM CONDUCTORS TO BE AS RECOMMENDED BY MANUFACTURER.

4. ALL FIRE ALARM MATERIALS AND INSTALLATION TO BE IN CONFORMANCE WITH N.F.P.A. 72 AND A.D.A. (AMERICANS WITH DISABILITIES ACT). IN AREAS AND CORRIDORS WHERE TWO OR MORE VISUAL STROBE UNITS ARE INSTALLED, PROVIDE SYNCHRONIZED STROBE UNITS SO AS TO PROVIDE A FLASH RATE MINIMUM OF 1 HZ AND A MAXIMUM OF 3 HZ.

5. FIRE ALARM SYSTEM. ELECTRICAL CONTRACTOR SHALL VERIFY ALL NECESSARY SPRINKLER LINE POWER AND SIGNAL CONNECTIONS, I.E. FLOW SWITCH, TAMPER SWITCH, SPRINKLER BELL, ETC. SPRINKLER BELL SHOULD BE WALL MOUNTED IN DIRECT PROXIMITY TO THE SPRINKLER LINE ENTERING THE BUILDING AT APPROXIMATELY 8'-0" ABOVE FINISHED GRADE.

6. AFTER INSTALLATION, WIRING, AND CHECK-OUT OF ALL FIRE ALARM HORNS, CONTRACTOR SHALL PERFORM A SOUND LEVEL CHECK OF ALL AREAS. IN CONFORMANCE WITH NFPA 72 AND THE LOCAL AUTHORITY HAVING JURISDICTION, SOUND LEVELS PRODUCED BY FIRE ALARM HORNS TO BE 15 DBA ABOVE THE EQUIVALENT SOUND LEVEL OR 5 DBA ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION OF AT LEAST 60 SECONDS (WHICHEVER IS GREATER) MEASURED 5 FEET ABOVE THE FLOOR IN THE OCCUPABLE AREA. AREAS THAT ARE DETERMINED TO BE DEFICIENT TO HAVE ADDITIONAL FIRE ALARM HORN APPLIANCES ADDED TO THE TOTAL SYSTEM, AT NO ADDITIONAL COST TO THE OWNER.

7. INSTALLATION ALSO TO COMPLY WITH ALL "AMERICANS WITH DISABILITIES ACT" (ADA) REGULATIONS FOR AUDIBLE AND VISUAL ALARM DEVICES. THE FIRE ALARM SYSTEM DESIGN BEING PROVIDED IN AN EFFORT TO COMPLY WITH ALL KNOWN REGULATIONS. ANY AREAS FOUND TO BE DEFICIENT OF AUDIBLE AND/OR VISUAL ALARM DEVICES ARE TO HAVE ADDITIONAL DEVICES ADDED SO AS TO COMPLY, WITH NO ADDITIONAL COSTS TO THE OWNER.

FIRE ALARM SPECIFICATION		NTS	F
		00N-E0101-F00-SPEC	08/12/11

RELAY

ZONE 1

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ABOVE CLG.

NOTE:
DUCT SMOKE DETECTORS TO TIE INTO MALLS FIRE ALARM SYSTEM THEY WILL BE LABELED ALARMS AS A SUPERVISORY ONLY, ONLY TO INDICATE WHERE THE ALARM IS COMING FROM IN CASE OF AN EMERGENCY.

A

→ TO MALL FACP SYSTEM

NOTE:
FIRE ALARM SYSTEM SHOWN IS FOR REFERENCE ONLY. GENERAL CONTRACTOR IS TO HIRE MALL FIRE ALARM SYSTEM CONTRACTOR TO PROVIDE A COMPLETE FIRE ALARM SYSTEM LAYOUT AS PER MALL, CITY, NFPA CODE REQUIREMENTS, AND OTHER REQUIREMENTS FROM THE AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT. FIELD VERIFY AND COORDINATE ALL RELATED REQUIREMENTS PRIOR TO BID AND WORK COMMENCEMENT.

FIRE ALARM SINGLE LINE DIAGRAM		NTS	E
		00N-E0101-E00-DIAG	08/12/11