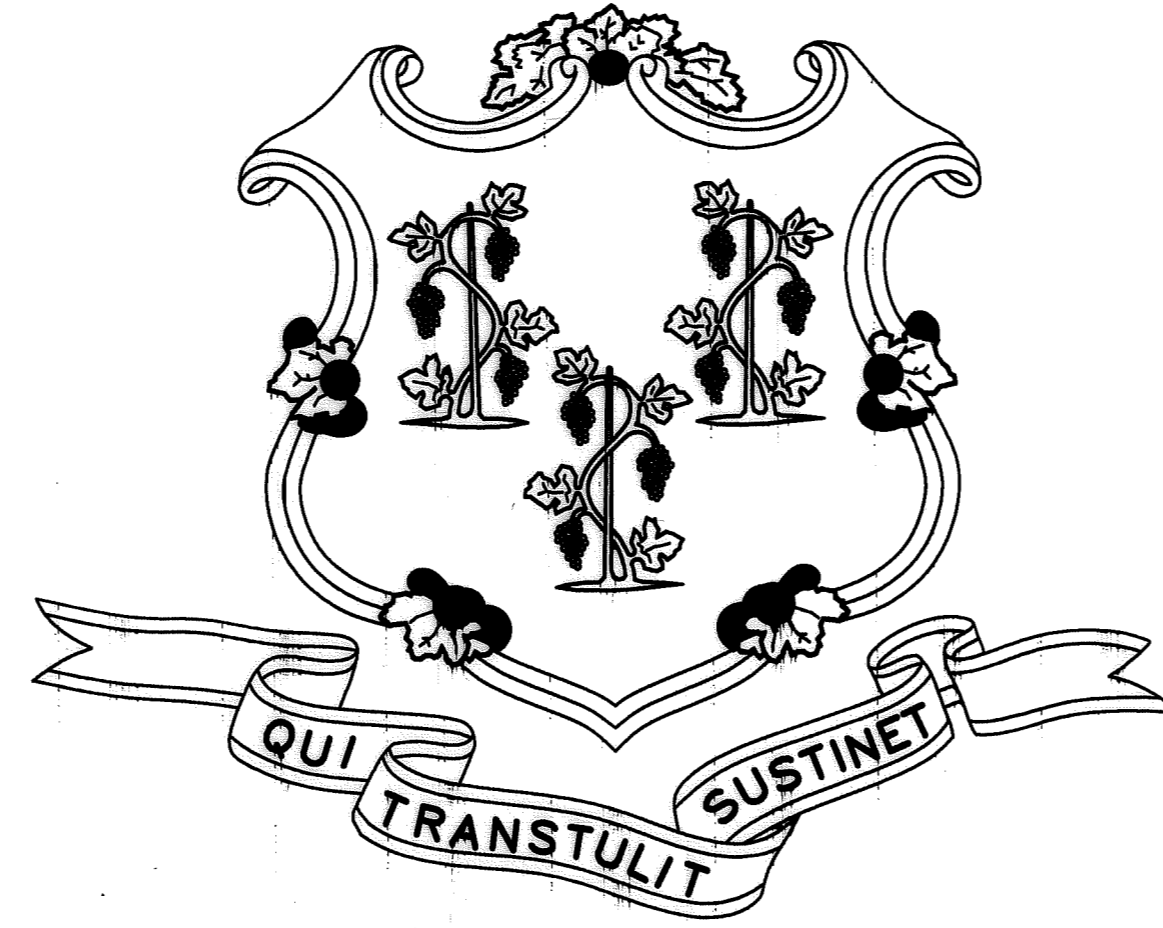


STATE OF CONNECTICUT



M. JODI RELL GOVERNOR

DEPARTMENT OF PUBLIC WORKS
JAMES T. FLEMING
COMMISSIONER

UPGRADE FIRE ALARM SYSTEM
25 SIGOURNEY ST
HARTFORD, CONNECTICUT

PROJECT NO. BI-2B-215

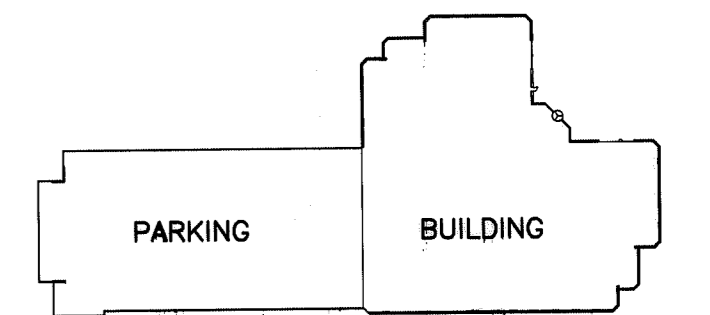
ENGINEER
LMG CONSULTING ENGINEERS, INC.
78 BEAVER ROAD
WETHERSFIELD, CT
06109

RECORD SET
JANUARY 24, 2008

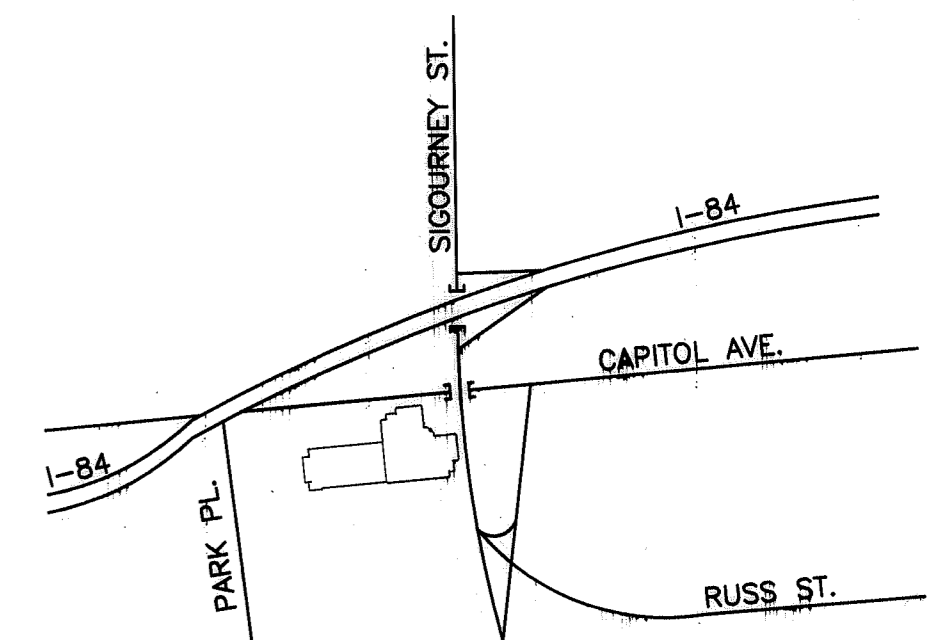
CONTRACT DRAWINGS

NO.	TITLE
ED0	ELECTRICAL SCHEDULES AND DETAILS
ED1	PARKING LEVEL 1 - FIRE ALARM PLAN
ED1A	PARKING LEVEL 1 - FIRE ALARM PLAN
ED2	PARKING LEVEL 2 - FIRE ALARM PLAN
ED2A	PARKING LEVEL 2 - FIRE ALARM PLAN
ED3	PARKING LEVEL 3 - FIRE ALARM PLAN
ED3A	PARKING LEVEL 3 - FIRE ALARM PLAN
ED4	PARKING LEVEL 4 - FIRE ALARM PLAN
ED4A	PARKING LEVEL 4 - FIRE ALARM PLAN
ED5	OFFICE/PARKING LEVEL 5 - FIRE ALARM PLAN
ED5A	PARKING LEVEL 5 - FIRE ALARM PLAN
ED6	OFFICE LEVEL 6 - FIRE ALARM PLAN
ED6A	PARKING LEVEL 6 - FIRE ALARM PLAN
ED7	OFFICE LEVEL 7 - FIRE ALARM PLAN
ED8	OFFICE LEVEL 8 - FIRE ALARM PLAN
ED9	OFFICE LEVEL 9 - FIRE ALARM PLAN
E10	OFFICE LEVEL 10 - FIRE ALARM PLAN
E11	OFFICE LEVEL 11 - FIRE ALARM PLAN
E12	OFFICE LEVEL 12 - FIRE ALARM PLAN
E14	OFFICE LEVEL 14 - FIRE ALARM PLAN
E15	OFFICE LEVEL 15 - FIRE ALARM PLAN
E16	OFFICE LEVEL 16 - FIRE ALARM PLAN
E17	OFFICE LEVEL 17 - FIRE ALARM PLAN
E18	OFFICE LEVEL 18 - FIRE ALARM PLAN
E19	OFFICE LEVEL 19 - FIRE ALARM PLAN
E20	OFFICE LEVEL 20 - FIRE ALARM PLAN
E21	FIRE ALARM RISER DIAGRAM
E22	FIRE ALARM RISER DIAGRAM

D.P.W. BUILDING NUMBER



SITE PLAN SCALE: NONE

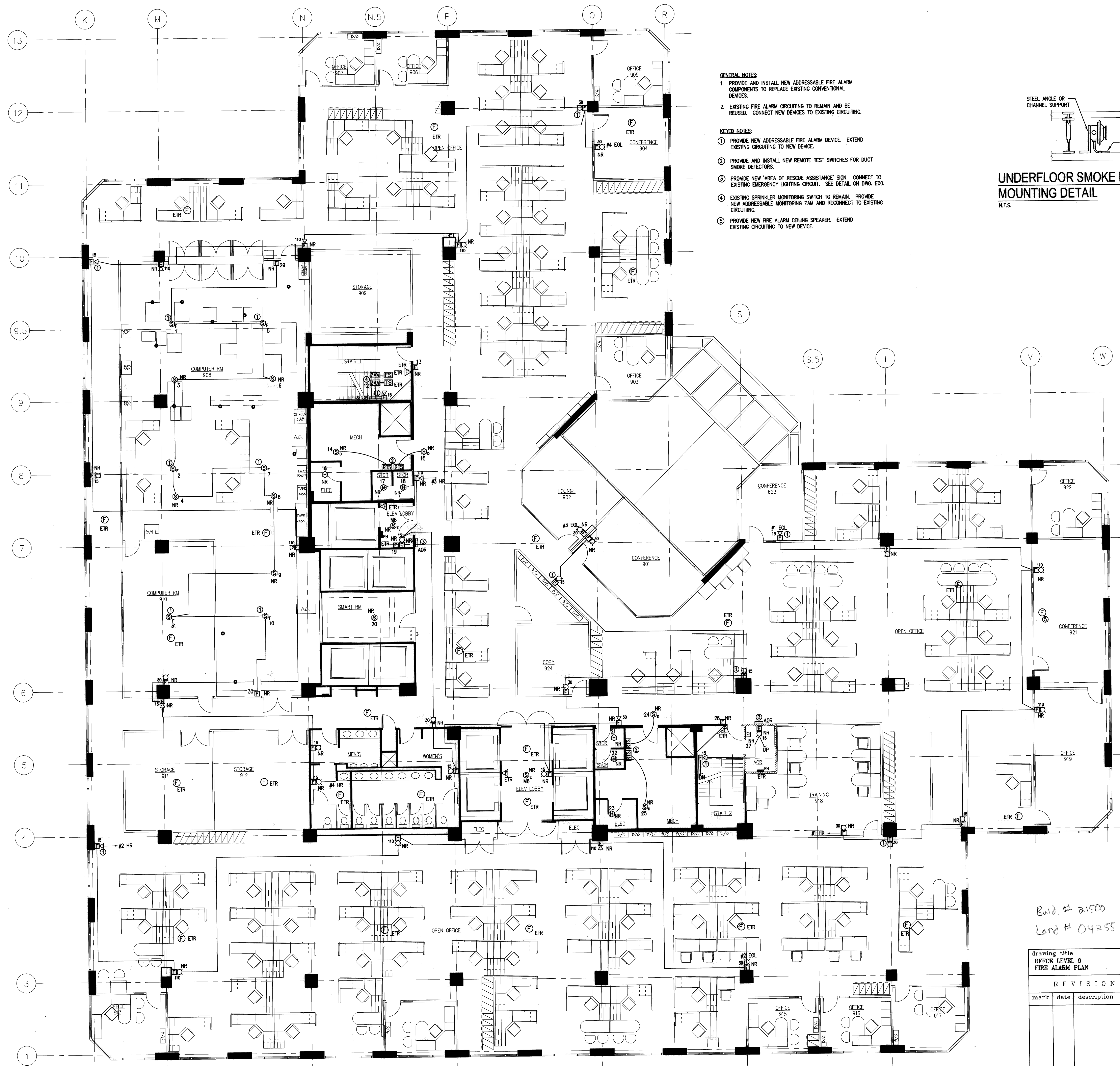


LOCATION PLAN SCALE: NONE

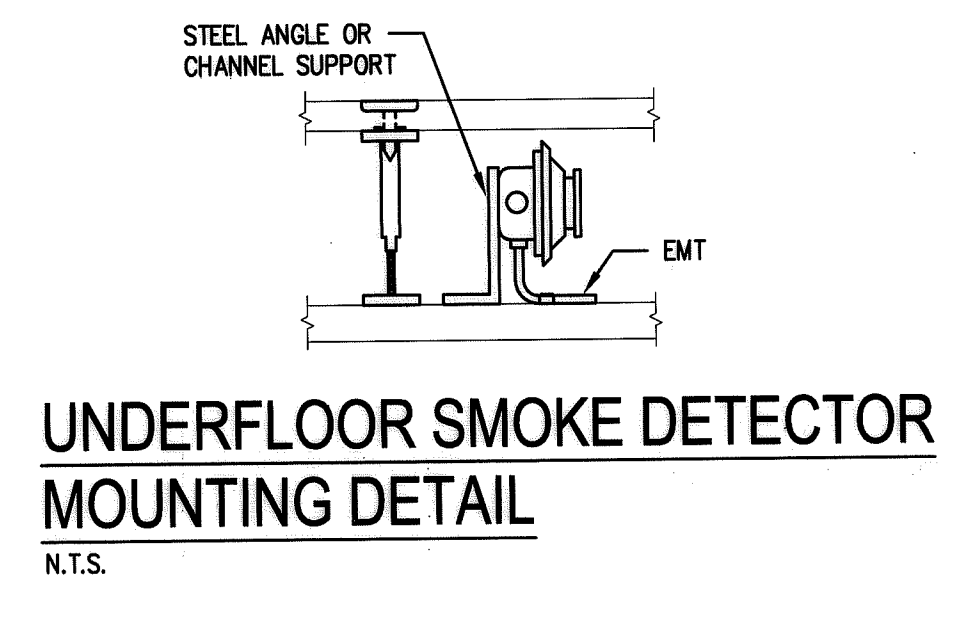
APPROVALS

PUBLIC WORKS DATE

AGENCY DATE



- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
1. PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 2. PROVIDE AND INSTALL NEW REMOTE TEST SWITCHES FOR DUCT SMOKE DETECTORS.
 3. PROVIDE NEW "AREA OF RESCUE ASSISTANCE" SIGN. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT. SEE DETAIL ON DWG. E00.
 4. EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.
 5. PROVIDE NEW FIRE ALARM CEILING SPEAKER. EXTEND EXISTING CIRCUITING TO NEW DEVICE.



NOTE:
THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SUPPLIED BY THE CLIENT. THE ENGINEER HAS LIMITED FIELD INVESTIGATIONS AND MAY OR MAY NOT HAVE VISITED THE PROJECT. THE CONTRACTOR SHALL VERIFY THE INFORMATION INDICATED ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK.

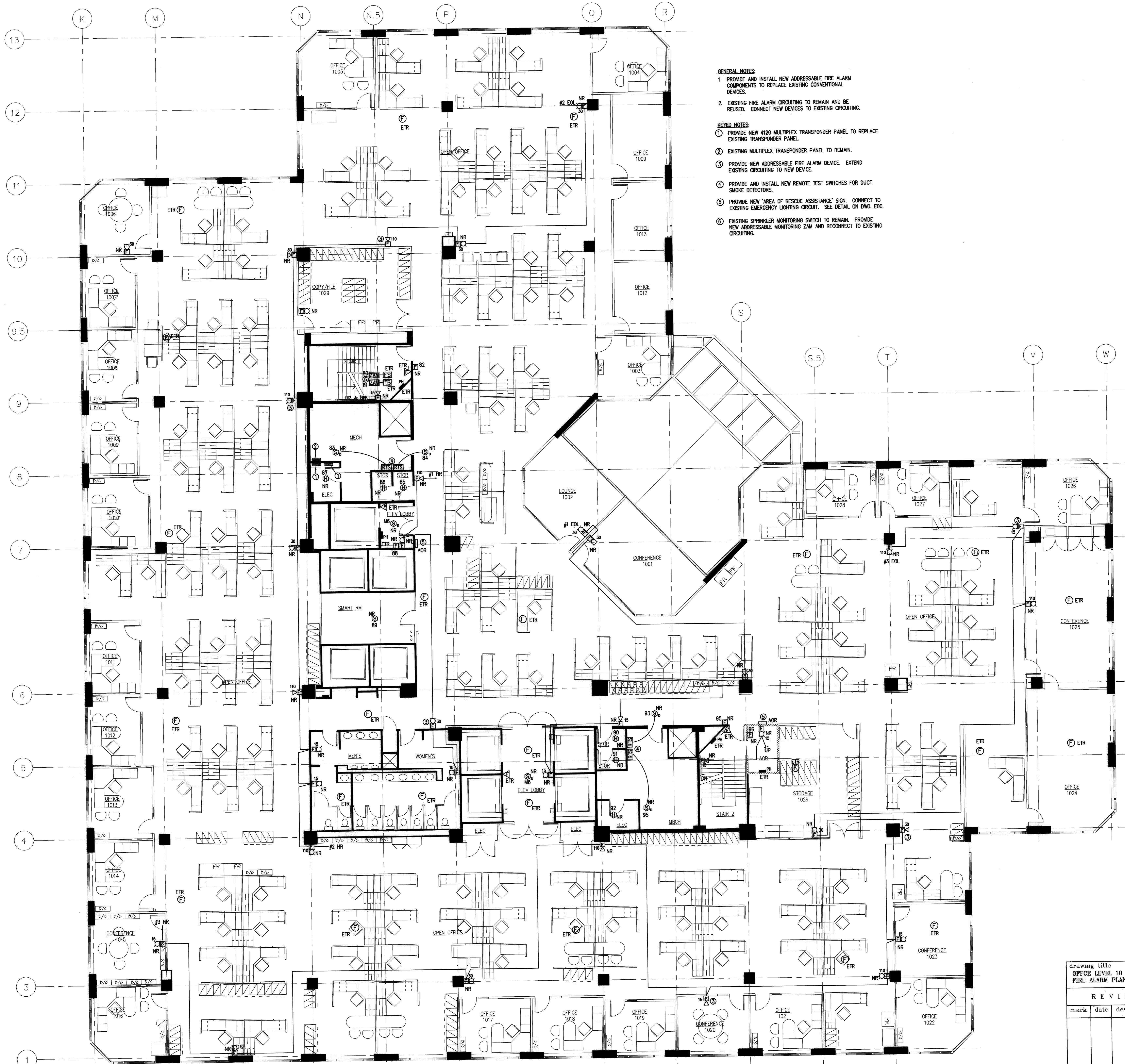
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Build # 21500
Land # 04255

RECORD SET
JANUARY 24, 2008

REVISIONS		
mark	date	description

drawing title OFFICE LEVEL 9 FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BEAVER RD. WETHERSFIELD, CONNECTICUT P. 860 - 721 - 7234 F. 860 - 529 - 6700		date 11/23/06	scale 1/8"=1'-0"
project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT		drawn by ABC	approved by DSL
project no. BI-2B-215		drawing no. E09	



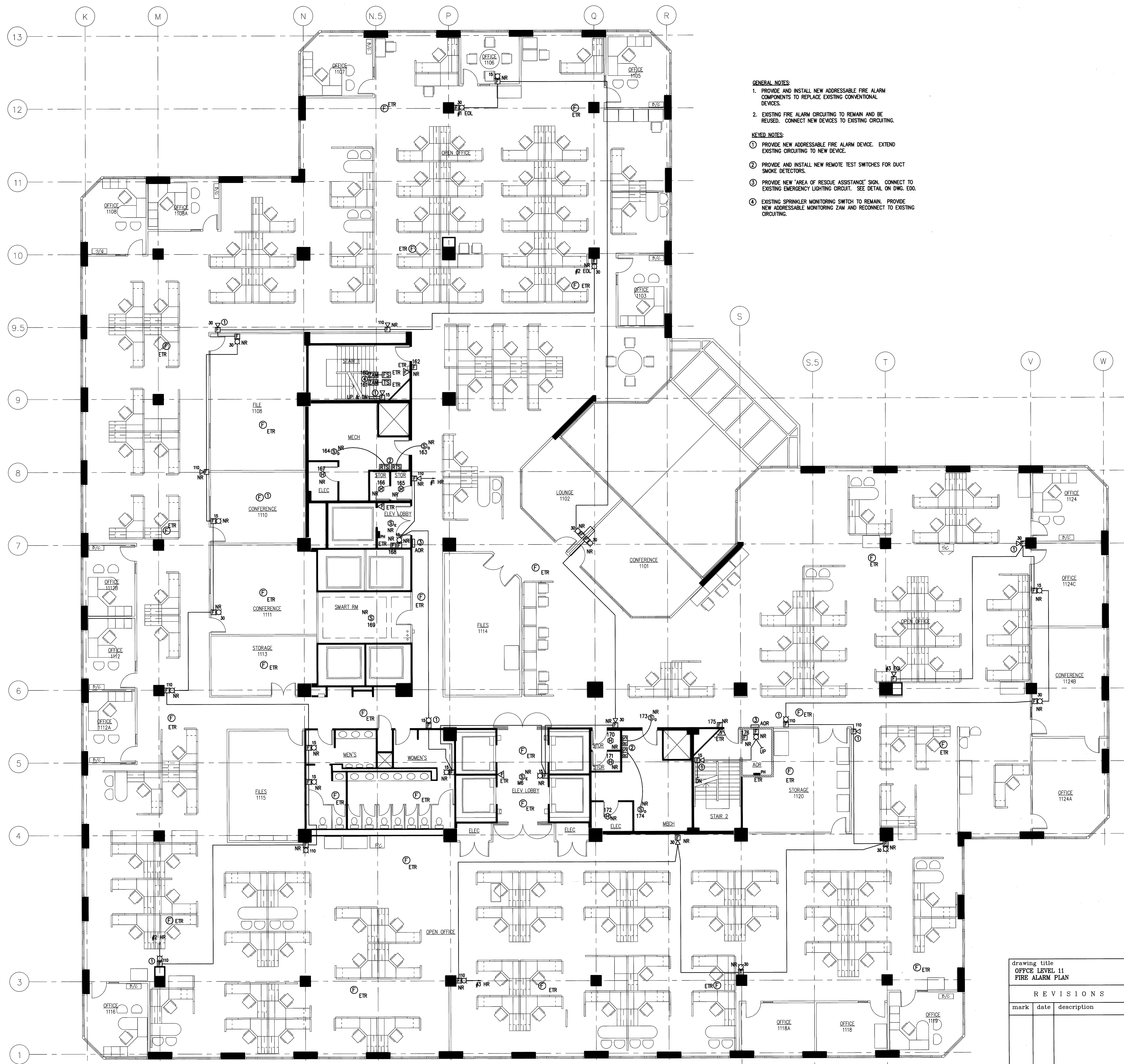
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① PROVIDE NEW 4120 MULTIPLEX TRANSPONDER PANEL TO REPLACE EXISTING TRANSPONDER PANEL.
 - ② EXISTING MULTIPLEX TRANSPONDER PANEL TO REMAIN.
 - ③ PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 - ④ PROVIDE AND INSTALL NEW REMOTE TEST SWITCHES FOR DUCT SMOKE DETECTORS.
 - ⑤ PROVIDE NEW 'AREA OF RESCUE ASSISTANCE' SIGN. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT. SEE DETAIL ON DWG. EDD.
 - ⑥ EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.

NOTE:
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DOCUMENT OWNERSHIP:
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RECORD SET
 JANUARY 24, 2008

drawing title OFFICE LEVEL 10 FIRE ALARM PLAN			STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS		
REVISIONS					
mark	date	description		date	scale
				11/23/05	1/8"=1'-0"
DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BRAVER RD, WETHERSFIELD, CONNECTICUT P. 860 - 721 - 7234 F. 860 - 829 - 8700			drawn by ABC	approved by DSL	drawing no. E10
project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT			project no. BI-2B-215		



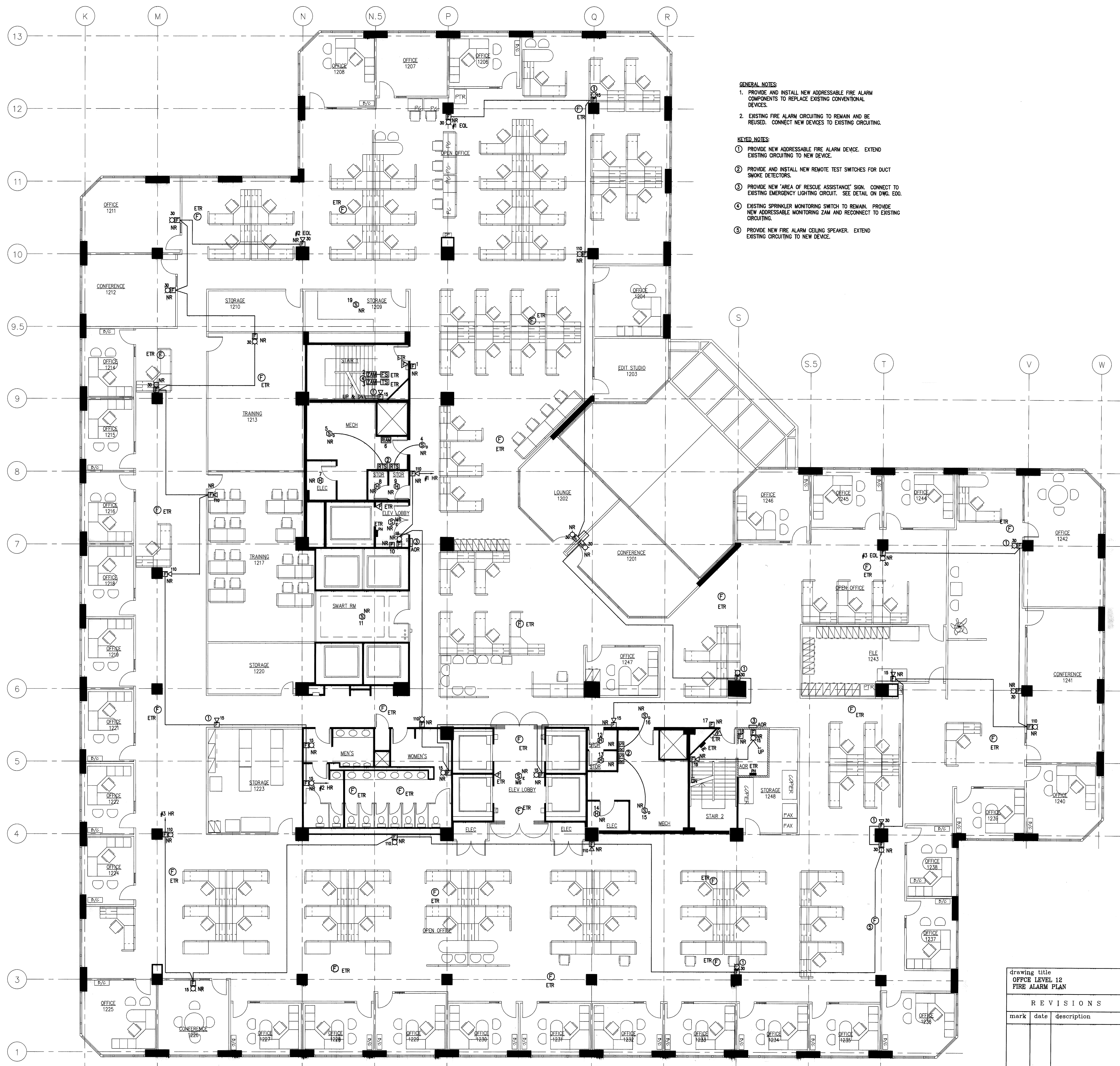
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
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 2. PROVIDE AND INSTALL NEW REMOTE TEST SWITCHES FOR DUCT SMOKE DETECTORS.
 3. PROVIDE NEW 'AREA OF RESCUE ASSISTANCE' SIGN. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT. SEE DETAIL ON DWG. E00.
 4. EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.

NOTE:
 THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION PROVIDED BY THE CLIENT AND THE DESIGNER HAS CONDUCTED VISUAL INSPECTIONS AND HAS NOT CONDUCTED FIELD SURVEYS. THE CONTRACTOR SHALL VERIFY THE INFORMATION SHOWN ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCING HIS WORK.

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RECORD SET
 JANUARY 24, 2008

drawing title OFFICE LEVEL 11 FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
REVISIONS		DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BRAVER RD, WETHERSFIELD, CONNECTICUT P. 860 - 721 - 7234 F. 860 - 629 - 8700	
mark	date	description	date 11/23/06 scale 1/8"=1'-0"
			drawn by ABC
			approved by DSL
			drawing no. E11
		project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT	project no. BI-2B-215



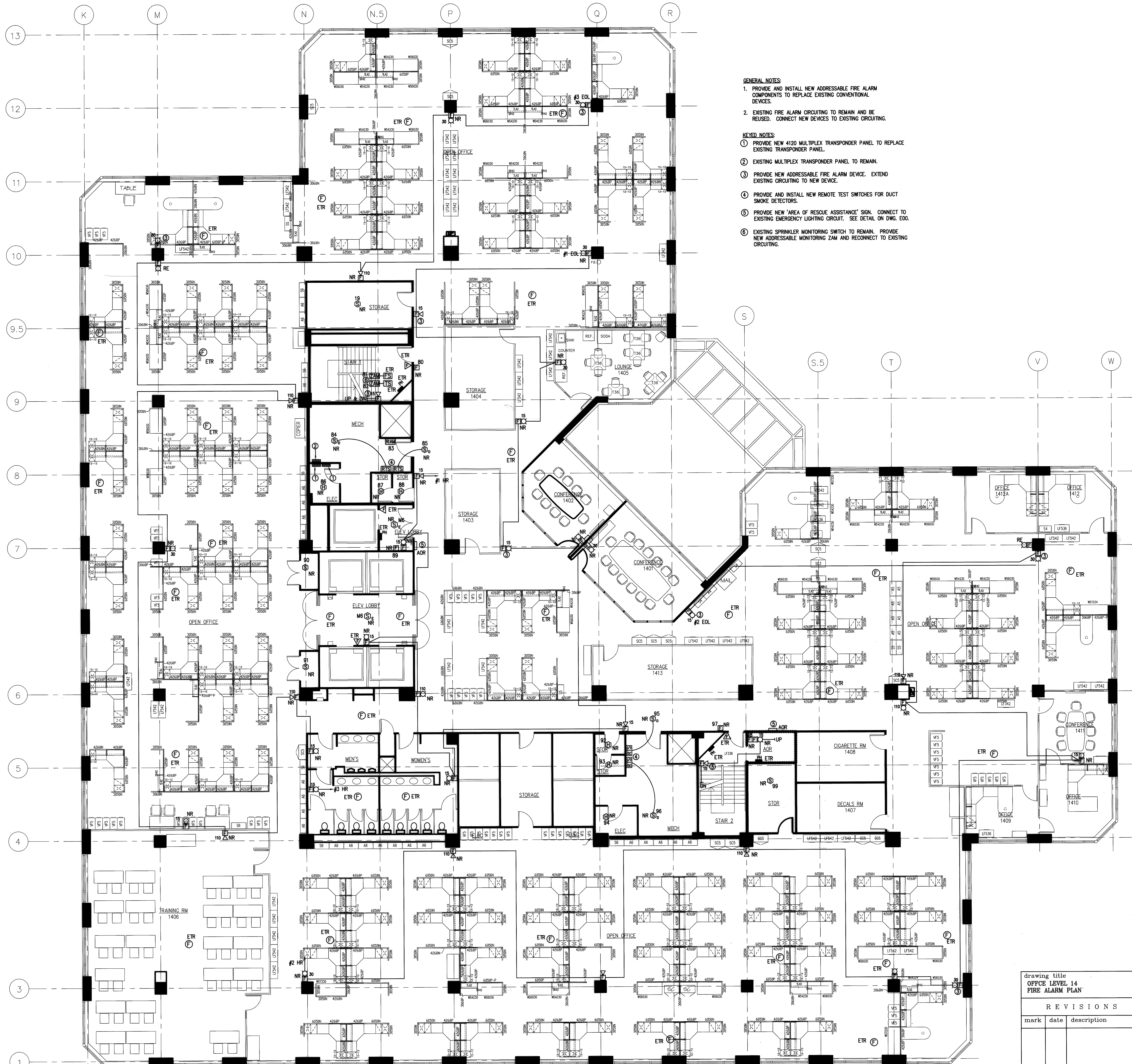
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
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 - ③ PROVIDE NEW 'AREA OF RESCUE ASSISTANCE' SIGN. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT. SEE DETAIL ON DWG. E00.
 - ④ EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.
 - ⑤ PROVIDE NEW FIRE ALARM CEILING SPEAKER. EXTEND EXISTING CIRCUITING TO NEW DEVICE.

NOTE:
 THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING BUILDING PLANS AND LIMITED FIELD INVESTIGATIONS AND MAY OR MAY NOT REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL VERIFY THE INFORMATION SHOWN ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO SUBMITTING HIS BID.

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RECORD SET
 JANUARY 24, 2008

drawing title OPFC LEVEL 12 FIRE ALARM PLAN			STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
REVISIONS			DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 79 BRAVER RD. WETHERFIELD, CONNECTICUT P. 860 - 721 - 9234 F. 860 - 889 - 0700	
mark	date	description	date 11/23/05	scale 1/8"=1'-0"
			drawn by ABC	approved by DSL
			project UPGRADE FIRE ALARM 26 SIGOURNEY STREET HARTFORD, CT	drawing no. E12
			project no. BI-28-215	



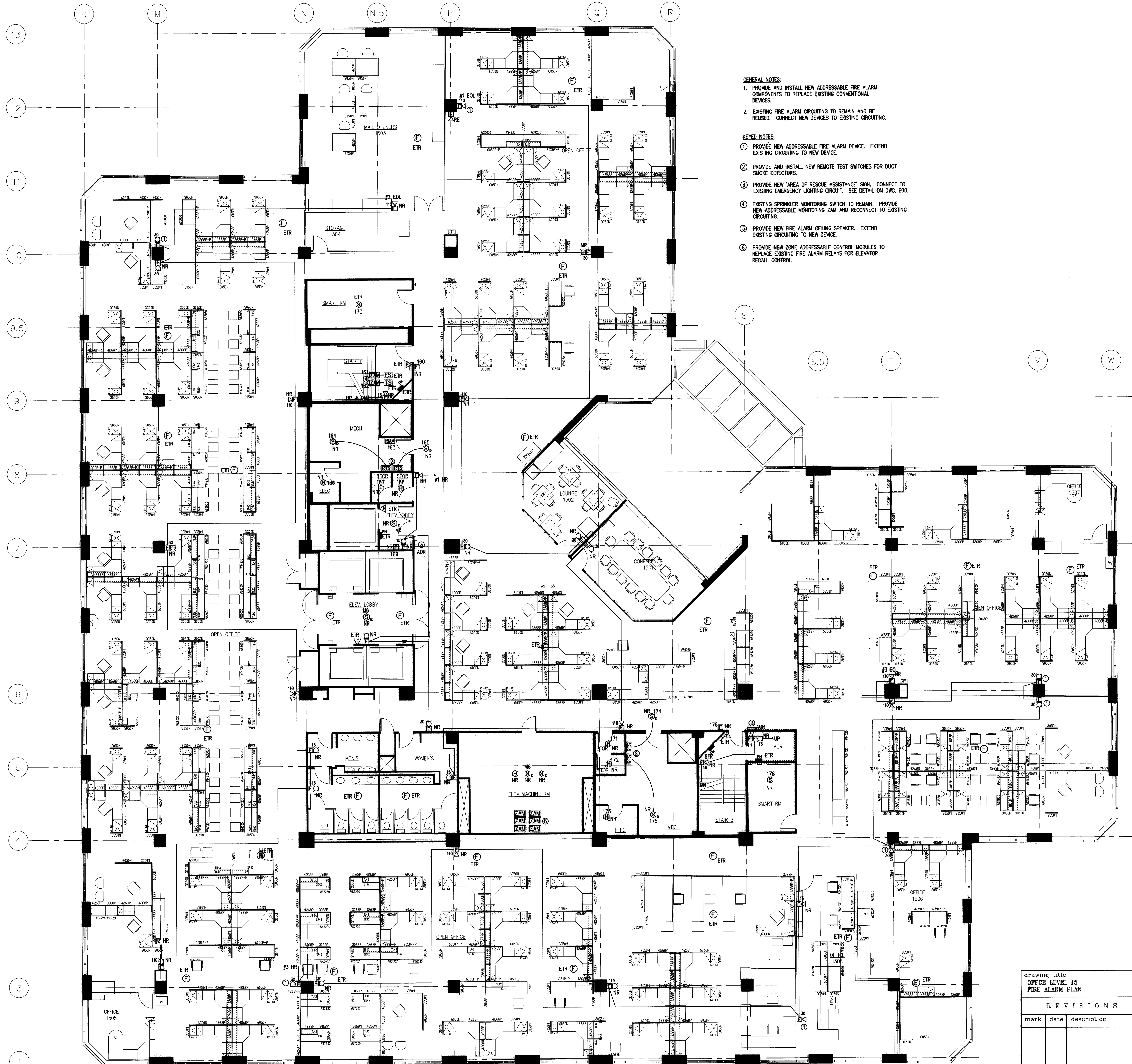
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① PROVIDE NEW 4120 MULTIPLEX TRANSponder PANEL TO REPLACE EXISTING TRANSponder PANEL.
 - ② EXISTING MULTIPLEX TRANSponder PANEL TO REMAIN.
 - ③ PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 - ④ PROVIDE AND INSTALL NEW REMOTE TEST SWITCHES FOR DUCT SMOKE DETECTORS.
 - ⑤ PROVIDE NEW "AREA OF RESCUE ASSISTANCE" SIGN. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT. SEE DETAIL ON DWG. E00.
 - ⑥ EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.

NOTE:
 THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SUPPLIED BY THE CLIENT. THE ENGINEER HAS CONDUCTED VISUAL GENERAL VERIFICATION OF THE INFORMATION AND HAS LIMITED FIELD INVESTIGATION AND MAY NOT BE ABLE TO VERIFY THE INFORMATION INDICATED ON THIS DRAWING. THE ENGINEER DOES NOT WARRANT THE ACCURACY OF THE INFORMATION INDICATED ON THIS DRAWING AND NOT BE RESPONSIBLE FOR ANY DISCREPANCIES PRIOR TO SUBMITTING THE BID.

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RECORD SET
 JANUARY 24, 2008

drawing title OFFICE LEVEL 14 FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS							
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REVISIONS									
mark	description								
project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT		date 11/23/05 scale 1/8"=1'-0" drawn by ABC approved by DSL drawing no. E14							
project no. BI-2B-215									



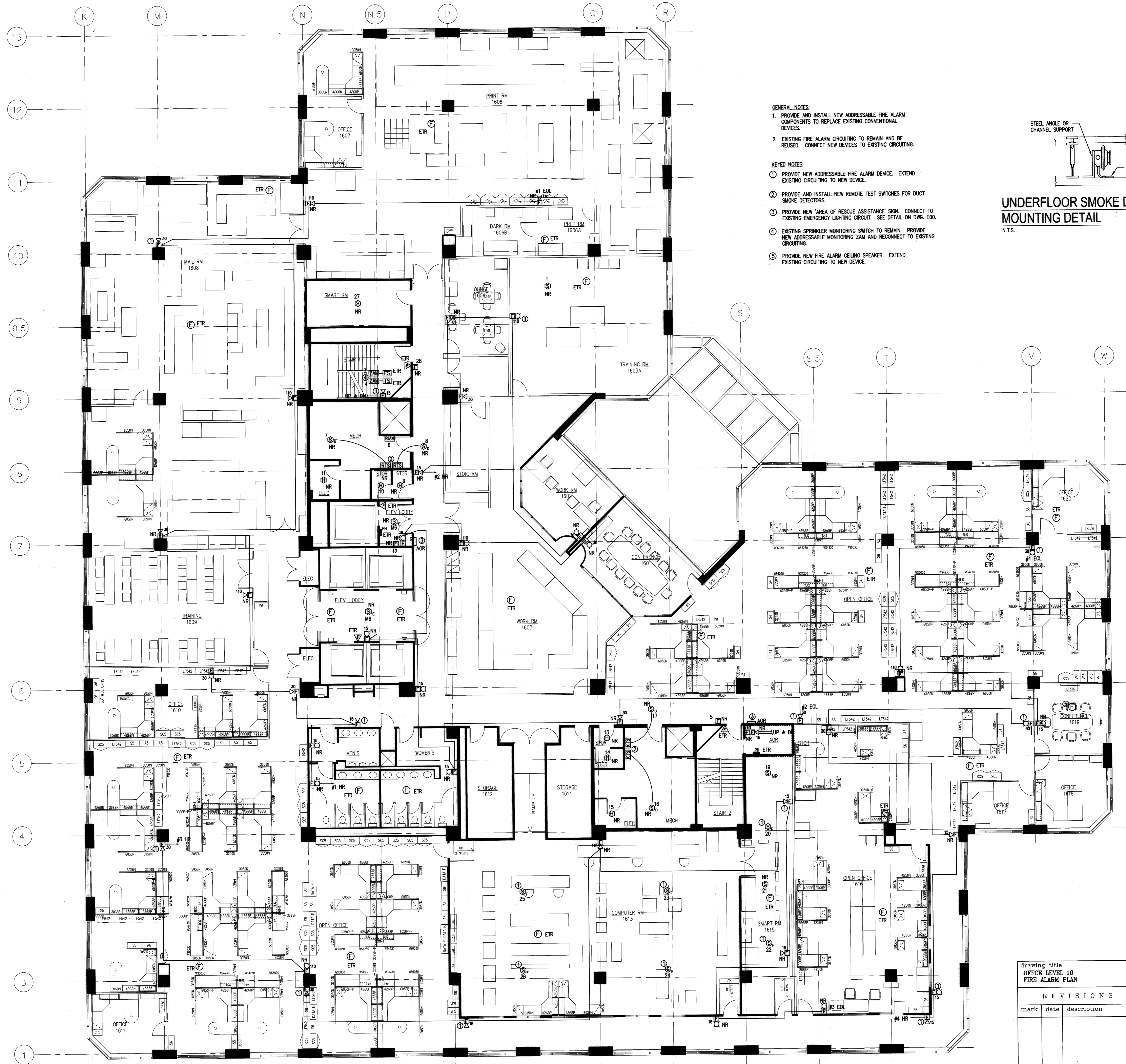
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 - ② PROVIDE AND INSTALL NEW REMOTE TEST SWITCHES FOR DUCT SMOKE DETECTORS.
 - ③ PROVIDE NEW "AREA OF RESCUE ASSISTANCE" SIGN. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT. SEE DETAIL ON DWG. EDD.
 - ④ EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.
 - ⑤ PROVIDE NEW FIRE ALARM CEILING SPEAKER. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 - ⑥ PROVIDE NEW ZONE ADDRESSABLE CONTROL MODULES TO REPLACE EXISTING FIRE ALARM RELAYS FOR ELEVATOR RECALL CONTROL.

NOTE:
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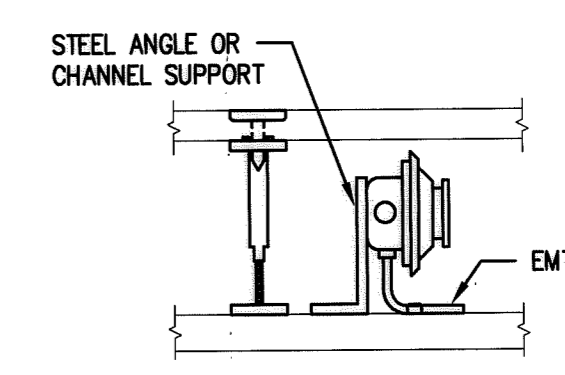
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RECORD SET
 JANUARY 24, 2008

drawing title OFFICE LEVEL 15 FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
REVISIONS			
mark	date	description	
DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BRAVER RD, WETHERSFIELD, CONNECTICUT P. 860 - 721 - 7234 F. 860 - 820 - 0700		date 11/23/06	scale 1/8"=1'-0"
project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT		drawn by ABC	approved by DSL
project no. BI-2B-215		drawing no. E15	



- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 - ② PROVIDE AND INSTALL NEW REMOTE TEST SWITCHES FOR DUCT SMOKE DETECTORS.
 - ③ PROVIDE NEW 'AREA OF RESCUE ASSISTANCE' SIGN. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT. SEE DETAIL ON DWG. E00.
 - ④ EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.
 - ⑤ PROVIDE NEW FIRE ALARM CEILING SPEAKER. EXTEND EXISTING CIRCUITING TO NEW DEVICE.



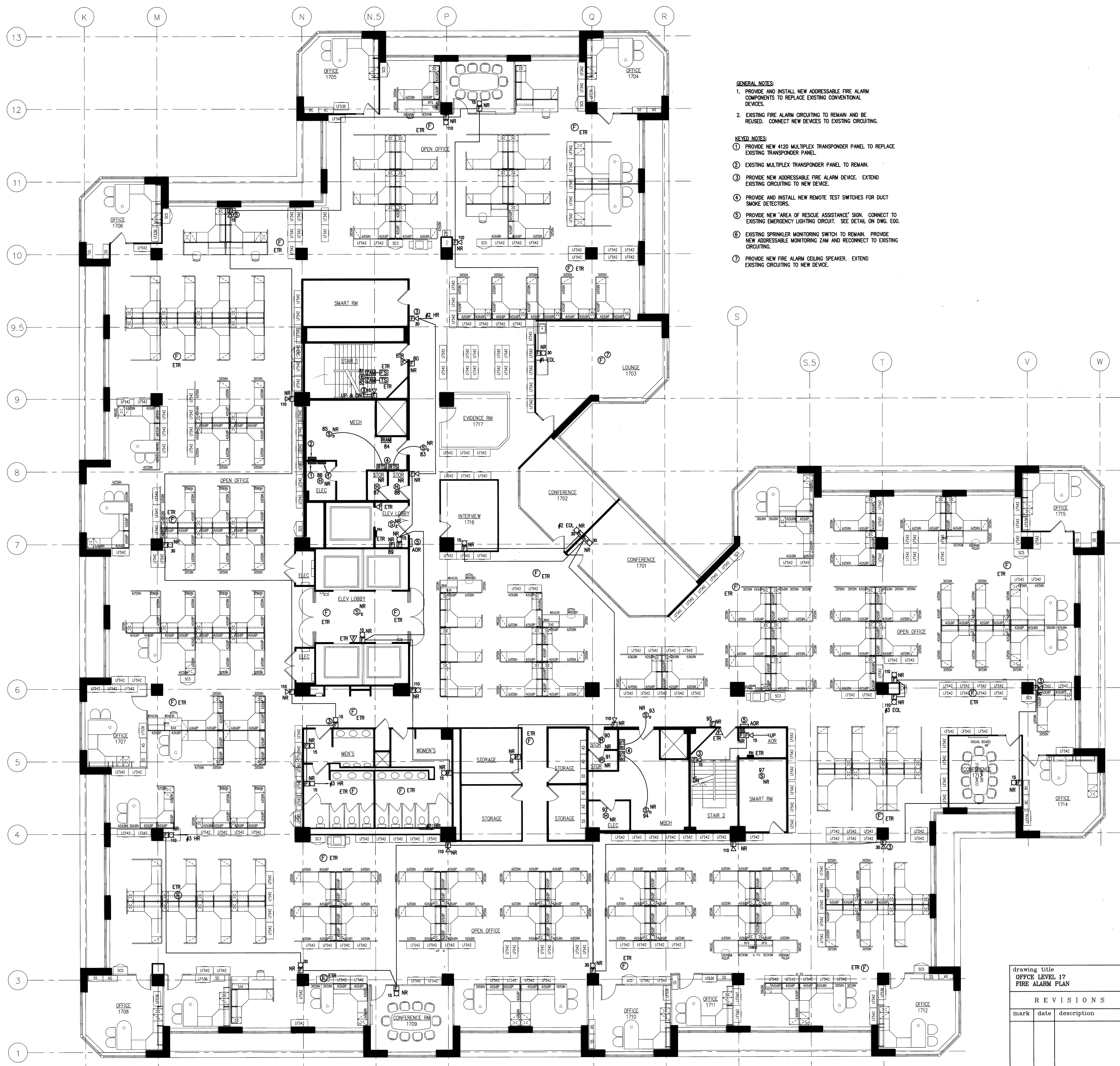
UNDERFLOOR SMOKE DETECTOR MOUNTING DETAIL
N.T.S.

NOTE:
THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING BUILDING PLANS AND A LIMITED FIELD INVESTIGATION AND MAY OR MAY NOT REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL VERIFY THE INFORMATION INDICATED ON THIS DRAWING AND NOTIFY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO SUBMITTING HIS BID.

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RECORD SET
JANUARY 24, 2008

drawing title OFFICE LEVEL 16 FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
REVISIONS			
mark	date	description	
DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 76 BEAVER RD, WETHERSFIELD, CONNECTICUT P. 860 - 721 - 7234		date 11/23/05	scale 1/8"=1'-0"
project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT		drawn by ABC	approved by DSL
project no. B1-2B-215		drawing no. E16	



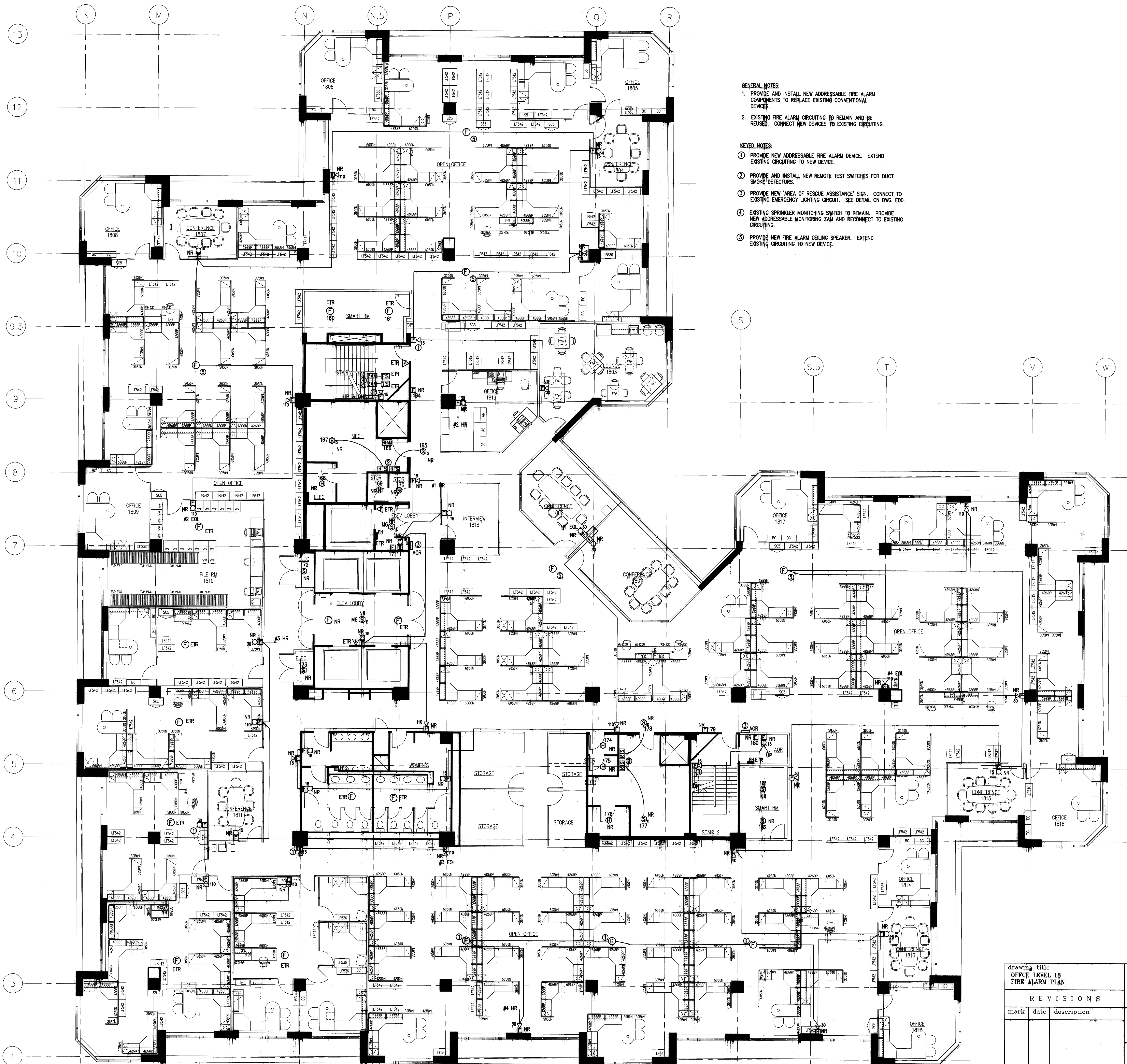
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① PROVIDE NEW 4120 MULTIPLEX TRANSPONDER PANEL TO REPLACE EXISTING TRANSPONDER PANEL.
 - ② EXISTING MULTIPLEX TRANSPONDER PANEL TO REMAIN.
 - ③ PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 - ④ PROVIDE AND INSTALL NEW REMOTE TEST SWITCHES FOR DUCT SMOKE DETECTORS.
 - ⑤ PROVIDE NEW "AREA OF RESCUE ASSISTANCE" SIGN. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT. SEE DETAIL ON DWG. EDD.
 - ⑥ EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.
 - ⑦ PROVIDE NEW FIRE ALARM CEILING SPEAKER. EXTEND EXISTING CIRCUITING TO NEW DEVICE.

NOTE: ALL INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING BUILDING PLANS AND LIMITED FIELD INVESTIGATION AND MAY OR MAY NOT REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL VERIFY THE INFORMATION PROVIDED ON THIS DRAWING AND NOTIFY THE OWNER OF ANY DISCREPANCIES PRIOR TO SUBMITTING HIS BID.

DOCUMENT OWNERSHIP:
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RECORD SET
JANUARY 24, 2008

drawing title OFFICE LEVEL 17 FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
REVISIONS		DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BEAVER RD, WETHERSFIELD, CONNECTICUT P. 860 - 721 - 7234 F. 860 - 829 - 0700	
mark	date	description	date 11/23/05 scale 1/8"=1'-0"
			drawn by ABC
			approved by DSL
			drawing no. E17
		project no.	BI-2B-215



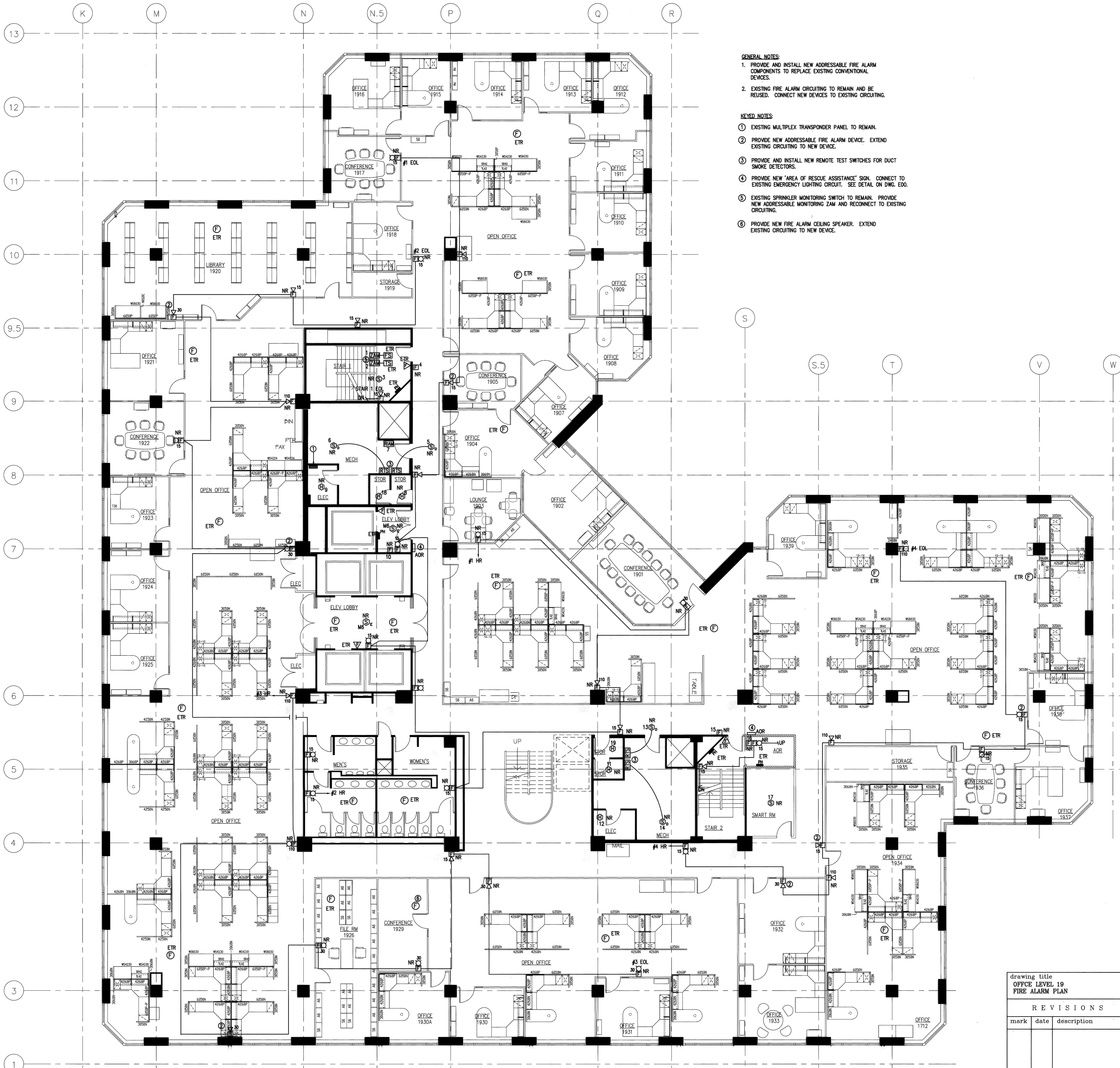
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
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 - ③ PROVIDE NEW 'AREA OF RESCUE ASSISTANCE' SIGN. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT. SEE DETAIL ON DWG. E00.
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 - ⑤ PROVIDE NEW FIRE ALARM CEILING SPEAKER. EXTEND EXISTING CIRCUITING TO NEW DEVICE.

NOTE:
 THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING BUILDING PLANS AND LATEST FIELD MEASUREMENTS AND MAY OR MAY NOT REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL VERIFY THE INFORMATION PROVIDED ON THIS DRAWING AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK.

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RECORD SET
 JANUARY 24, 2008

drawing title OFFICE LEVEL 18 FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
REVISIONS			
mark	date	description	
DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 76 BEAVER RD., WETHERSFIELD, CONNECTICUT P. 860 - 721 - 1734 F. 860 - 849 - 0700		date 11/23/05 scale 1/8"=1'-0"	
project: UPGRADE FIRE ALARM 26 SIGOURNEY STREET HARTFORD, CT		drawn by ABC	
project no. 81-28-215		approved by DSL	
		drawing no. E18	



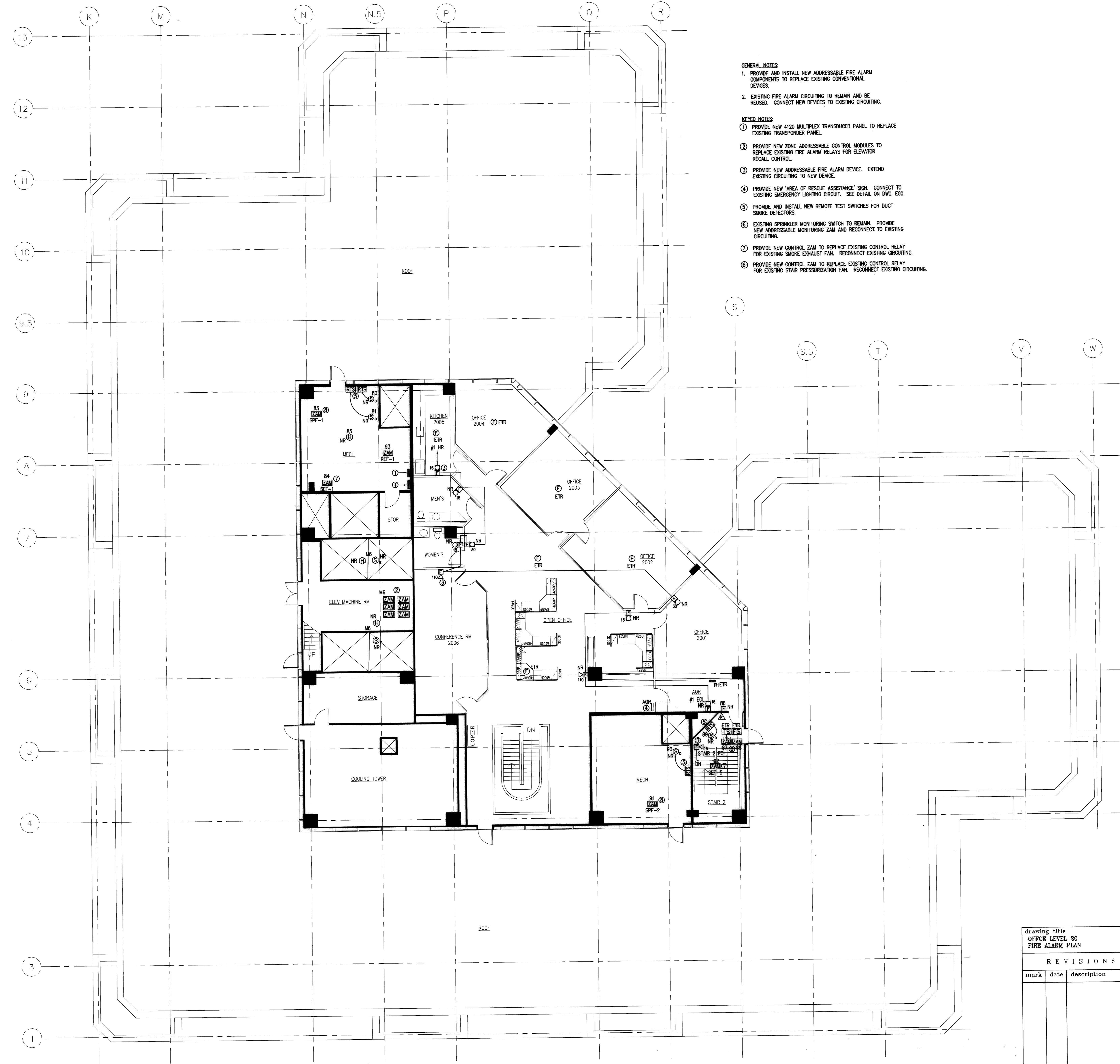
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① EXISTING MULTIPLEX TRANSDUCER PANEL TO REMAIN.
 - ② PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 - ③ PROVIDE AND INSTALL NEW REMOTE TEST SWITCHES FOR DUCT SMOKE DETECTORS.
 - ④ PROVIDE NEW 'AREA OF RESCUE ASSISTANCE' SIGN. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT. SEE DETAIL ON DWG. E00.
 - ⑤ EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.
 - ⑥ PROVIDE NEW FIRE ALARM CEILING SPEAKER. EXTEND EXISTING CIRCUITING TO NEW DEVICE.

NOTE:
 THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING RECORD PLANS AND LIMITED FIELD INVESTIGATIONS AND MAY OR MAY NOT REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION INDICATED ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO SUBMITTING HIS BID.

DOCUMENT OWNERSHIP:
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RECORD SET
 JANUARY 24, 2008

drawing title OFFICE LEVEL 19 FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
REVISIONS		DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BEAVER RD, WETHERSFIELD, CONNECTICUT P. 860 - 721 - 7234 F. 860 - 829 - 0700	
mark	date	description	date 11/23/05 scale 1/8"=1'-0"
			drawn by ABC
			approved by DSL
			drawing no. E19
		project no.	BI-2B-215



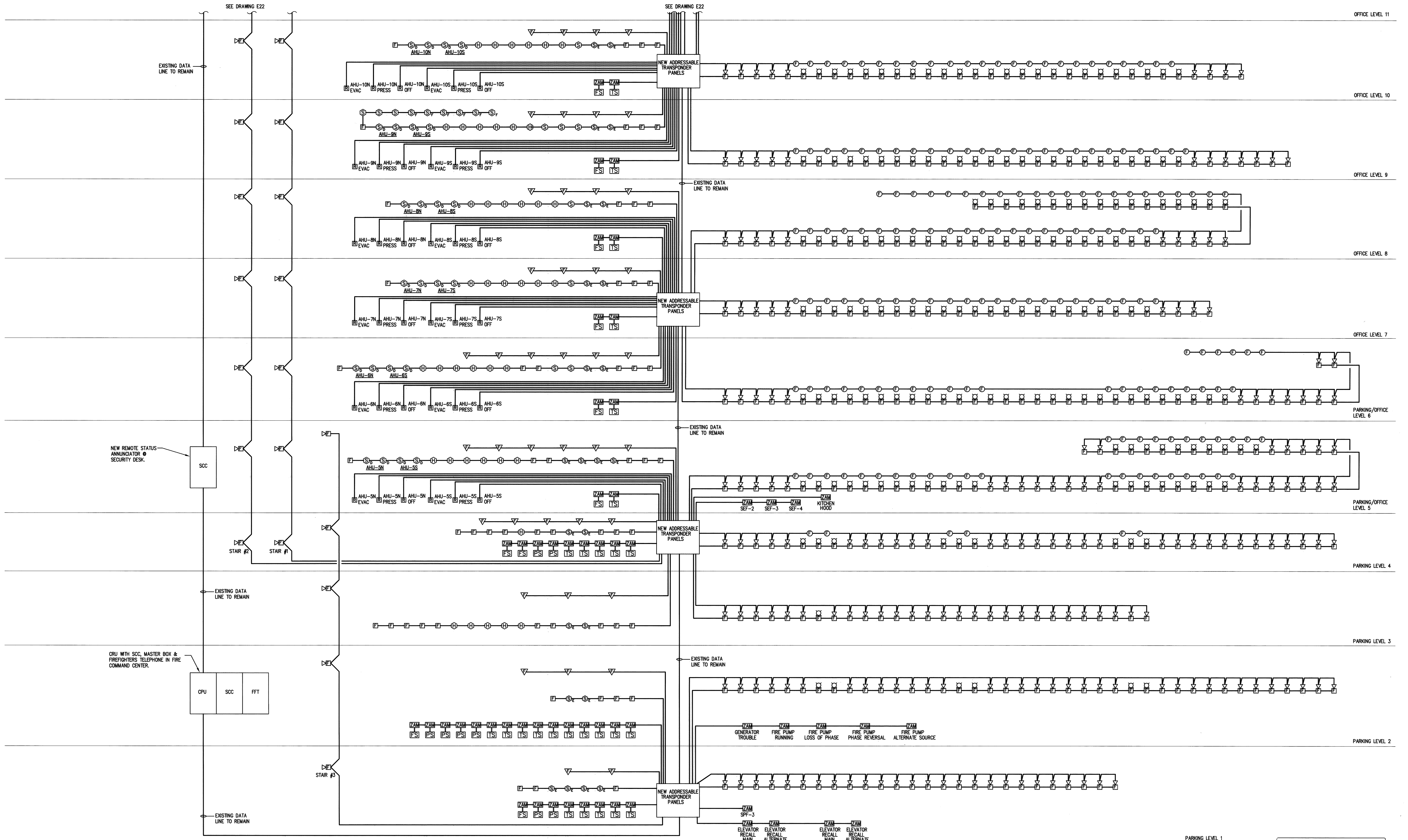
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① PROVIDE NEW 4120 MULTIPLEX TRANSDUCER PANEL TO REPLACE EXISTING TRANSDUCER PANEL.
 - ② PROVIDE NEW ZONE ADDRESSABLE CONTROL MODULES TO REPLACE EXISTING FIRE ALARM RELAYS FOR ELEVATOR RECALL CONTROL.
 - ③ PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 - ④ PROVIDE NEW 'AREA OF RESCUE ASSISTANCE' SIGN. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT. SEE DETAIL ON DWG. E00.
 - ⑤ PROVIDE AND INSTALL NEW REMOTE TEST SWITCHES FOR DUCT SMOKE DETECTORS.
 - ⑥ EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.
 - ⑦ PROVIDE NEW CONTROL ZAM TO REPLACE EXISTING CONTROL RELAY FOR EXISTING SMOKE EXHAUST FAN. RECONNECT EXISTING CIRCUITING.
 - ⑧ PROVIDE NEW CONTROL ZAM TO REPLACE EXISTING CONTROL RELAY FOR EXISTING STAR PRESSURIZATION FAN. RECONNECT EXISTING CIRCUITING.

NOTE:
 THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING RECORD PLANS AND LIMITED FIELD INVESTIGATION AND MAY OR MAY NOT REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION INDICATED ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING THE JOB.

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RECORD SET
 JANUARY 24, 2008

drawing title OFFICE LEVEL 20 FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
REVISIONS			
mark	date	description	
DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BRAVER RD., WETHERSFIELD, CONNECTICUT P. 860 - 721 - 7234 F. 860 - 529 - 0700		date 11/23/06	scale 1/8"=1'-0"
project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT		drawn by ABC	approved by DSL
project no. BI-2B-215		E20	



OFFICE LEVEL 11

OFFICE LEVEL 10

OFFICE LEVEL 9

OFFICE LEVEL 8

OFFICE LEVEL 7

PARKING/OFFICE LEVEL 6

PARKING/OFFICE LEVEL 5

PARKING LEVEL 4

PARKING LEVEL 3

PARKING LEVEL 2

PARKING LEVEL 1

EXISTING DATA LINE TO REMAIN

EXISTING DATA LINE TO REMAIN

EXISTING DATA LINE TO REMAIN

EXISTING DATA LINE TO REMAIN

EXISTING DATA LINE TO REMAIN

EXISTING DATA LINE TO REMAIN

NEW REMOTE STATUS ANNUNCIATOR @ SECURITY DESK.

SCC

STAR #2

STAR #1

CRU WITH SCC, MASTER BOX & FIREFIGHTERS TELEPHONE IN FIRE COMMAND CENTER.

CPU

SCC

FFT

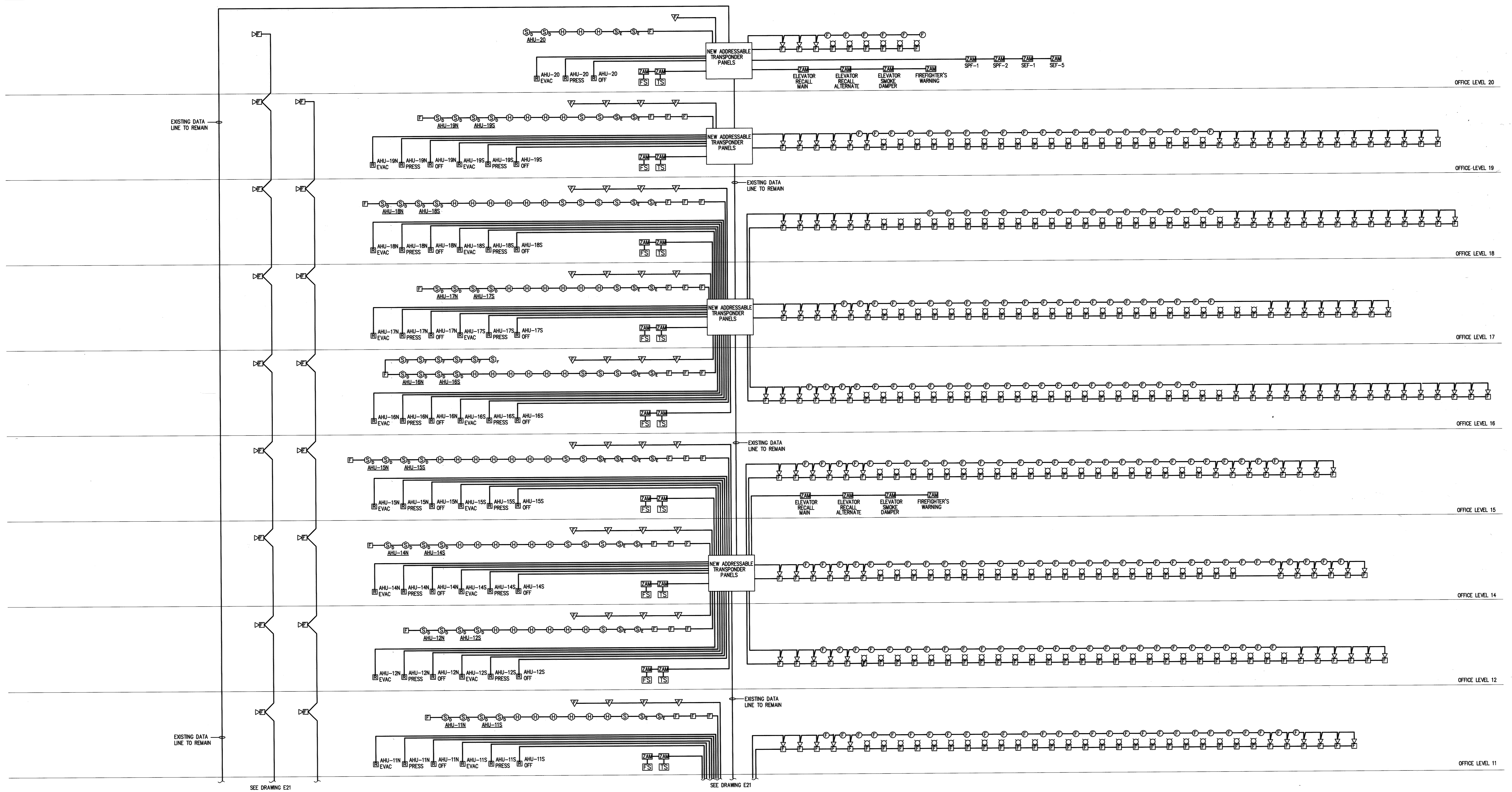
RECORD SET
JANUARY 24, 2008

- NOTES:
1. DEVICE QUANTITIES ARE FOR REFERENCE ONLY. REFER TO FLOOR PLANS FOR DEVICE QUANTITIES AND LOCATIONS.
 2. RECONNECT EXISTING WIRING TO NEW DEVICES, AND EXTEND EXISTING CIRCUITS TO NEW DEVICES. REFER TO FLOOR PLANS FOR QUANTITIES OF EXISTING TO REMAIN, NEW TO BE REPLACED EXISTING, AND NEW FIRE ALARM DEVICES. EXTEND EXISTING FIRE ALARM CIRCUITS TO NEW DEVICES AS REQUIRED. (SEE NOTE 3.)
 3. REUSE, WHERE POSSIBLE, EXISTING WIRING FOR ALL INITIATING, INDICATING AND ANCIILLARY FIRE ALARM DEVICES AS WELL AS FIRE ALARM SYSTEM NETWORK WIRING. IF A SUBSTITUTED FIRE ALARM SYSTEM IS PROPOSED WHICH IS NOT COMPATIBLE WITH THE EXISTING WIRING, THE CONTRACTOR SHALL PROVIDE ALL NECESSARY NEW WIRING AND DEVICES TO ENSURE A COMPLETE AND OPERATIONAL FIRE ALARM SYSTEM.

NOTE:
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DOCUMENT OWNERSHIP
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drawing title			STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
FIRE ALARM RISER DIAGRAM			DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BEAVER RD., WITHERSFIELD, CONNECTICUT P: 860 - 721 - 7234 F: 860 - 839 - 0700	
REVISIONS			date 11/23/05	
mark	date	description	scale NONE	
			drawn by ABC	
			approved by DSL	
			drawing no. E21	
project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT			project no. BI-2B-215	



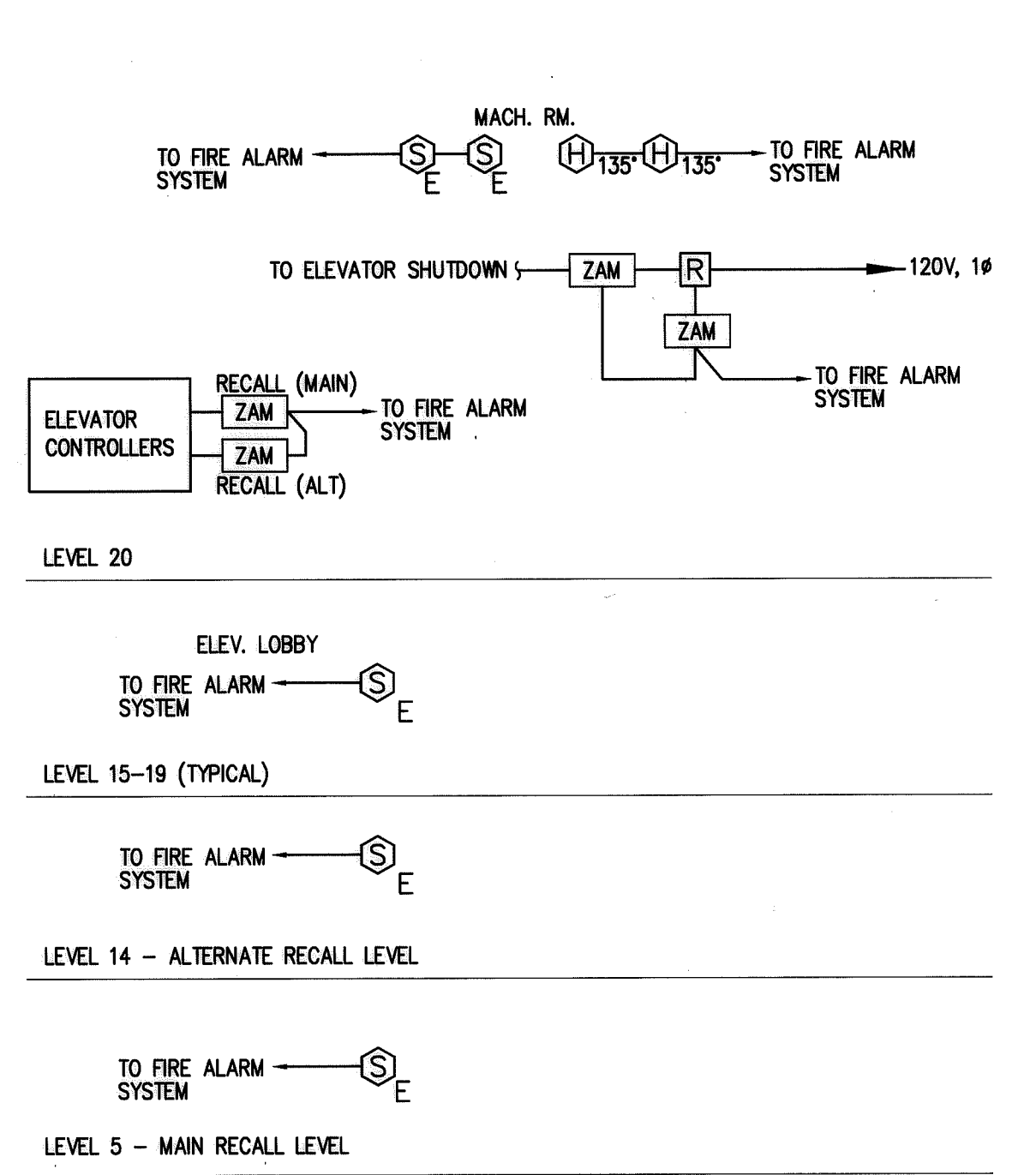
- NOTES:**
1. DEVICE QUANTITIES ARE FOR REFERENCE ONLY. REFER TO FLOOR PLANS FOR DEVICE QUANTITIES AND LOCATIONS.
 2. RECONNECT EXISTING WIRING TO NEW DEVICES, AND EXTEND EXISTING CIRCUITS TO NEW DEVICES. REFER TO FLOOR PLANS FOR QUANTITIES OF EXISTING TO REMAIN, NEW TO REPLACE EXISTING, AND NEW FIRE ALARM DEVICES. EXTEND EXISTING FIRE ALARM CIRCUITS TO NEW DEVICES AS REQUIRED. (SEE NOTE 3.)
 3. REUSE, WHERE POSSIBLE, EXISTING WIRING FOR ALL INITIATING, INDICATING AND AUXILIARY FIRE ALARM DEVICES AS WELL AS FIRE ALARM SYSTEM NETWORK WIRING. IF A SUBSTITUTED FIRE ALARM SYSTEM IS PROPOSED WHICH IS NOT COMPATIBLE WITH THE EXISTING WIRING, THE CONTRACTOR SHALL PROVIDE ALL NECESSARY NEW WIRING AND DEVICES TO ENSURE A COMPLETE AND OPERATIONAL FIRE ALARM SYSTEM.

RECORD SET
JANUARY 24, 2008

NOTE:
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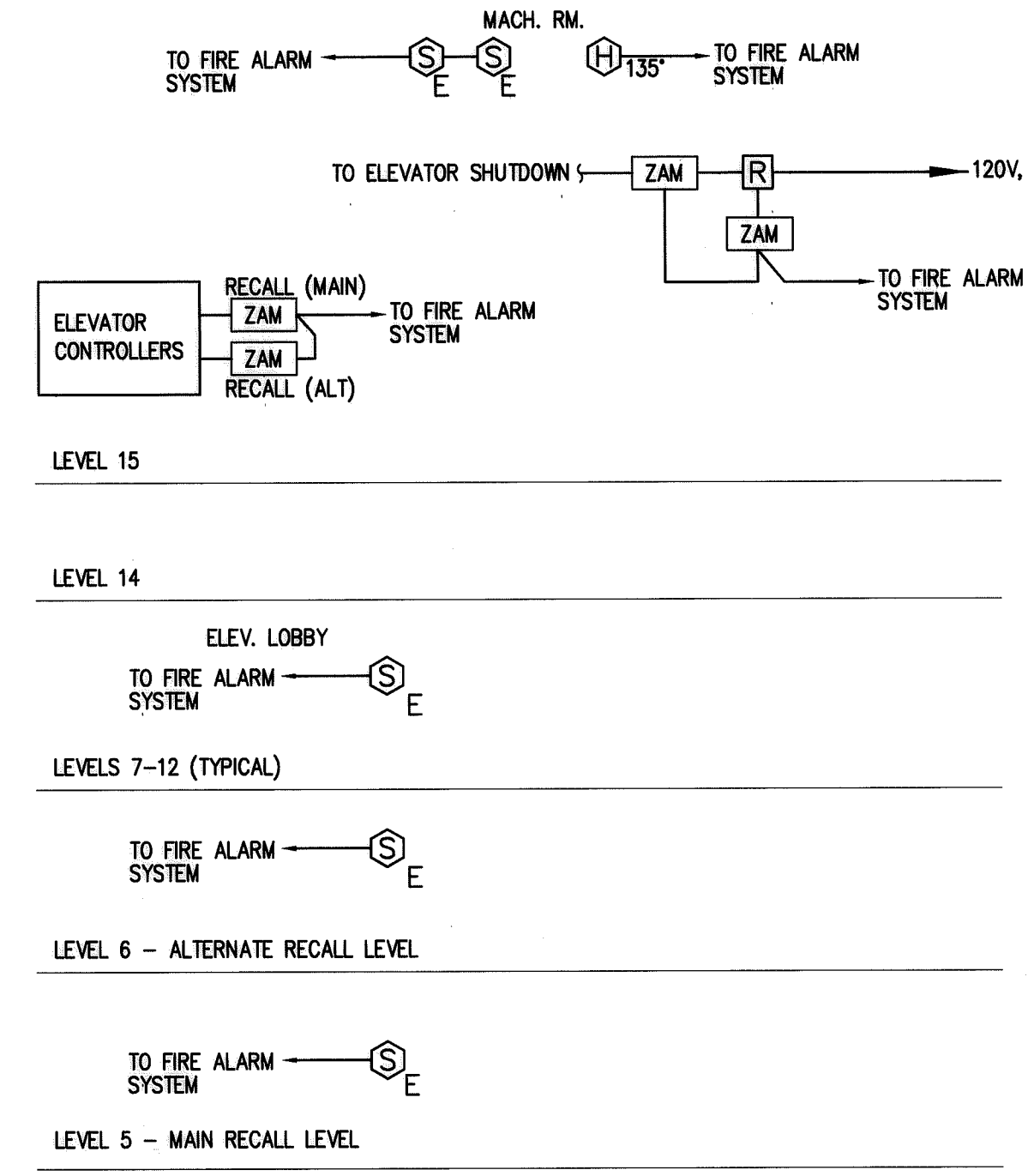
DOCUMENT OWNERSHIP:
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drawing title		STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
FIRE ALARM RISER DIAGRAM		DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BEAVER RD, WETHERSFIELD, CONNECTICUT P: 860 - 721 - 7234 F: 860 - 529 - 0700	
REVISIONS			
mark	date	description	date
			11/23/05
			scale: NONE
			drawn by ABC
			approved by DSL
			drawing no. E22
		project no. BI-2B-215	



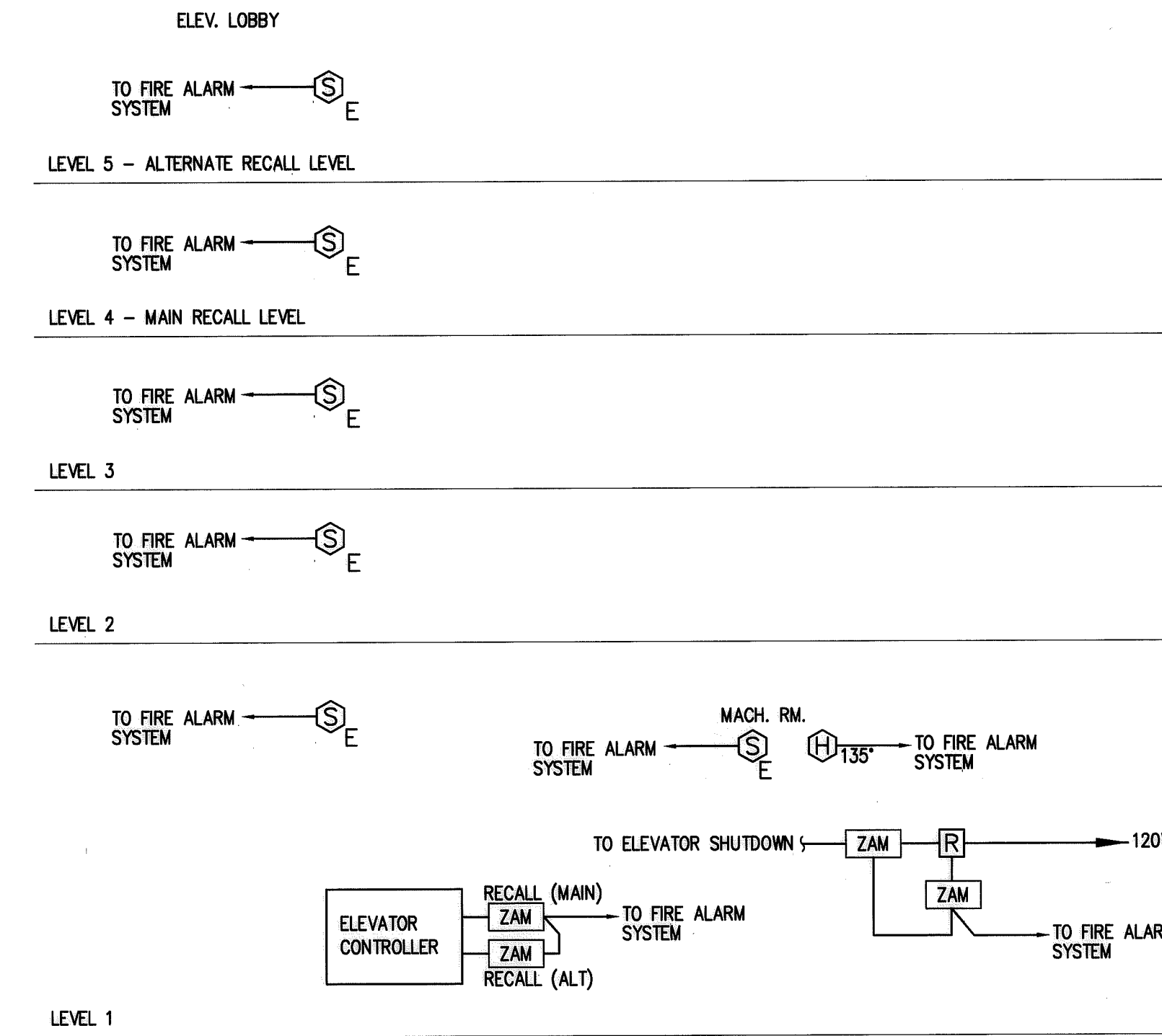
ELEVATOR RECALL AND SHUTDOWN RISER - ELEVATOR BANK 1

- N.T.S.
- NOTES:
- ACTIVATION OF ELEVATOR RECALL SMOKE DETECTORS LOCATED AT THE ELEVATOR LOBBIES, AS WELL AS IN THE ELEVATOR MACHINE ROOMS SHALL SEND A SIGNAL TO THE ELEVATOR CONTROLLER VIA A FIRE ALARM ZONE ADDRESSABLE CONTROL MODULE TO RETURN THE ELEVATOR CAR THE DESIGNATED LEVEL (LEVEL 5).
 - ACTIVATION OF ELEVATOR RECALL SMOKE DETECTOR LOCATED AT THE LEVEL 5 ELEVATOR LOBBY SHALL SEND A SIGNAL TO THE ELEVATOR CONTROLLER VIA A FIRE ALARM ZONE ADDRESSABLE CONTROL MODULE TO RETURN THE ELEVATOR CAR THE DESIGNATED LEVEL (LEVEL 5).



ELEVATOR RECALL AND SHUTDOWN RISER - ELEVATOR BANK 2

- N.T.S.
- NOTES:
- ACTIVATION OF ELEVATOR RECALL SMOKE DETECTORS LOCATED AT THE ELEVATOR LOBBIES, AS WELL AS IN THE ELEVATOR MACHINE ROOMS SHALL SEND A SIGNAL TO THE ELEVATOR CONTROLLER VIA A FIRE ALARM ZONE ADDRESSABLE CONTROL MODULE TO RETURN THE ELEVATOR CAR THE DESIGNATED LEVEL (LEVEL 5).
 - ACTIVATION OF ELEVATOR RECALL SMOKE DETECTOR LOCATED AT THE LEVEL 5 ELEVATOR LOBBY SHALL SEND A SIGNAL TO THE ELEVATOR CONTROLLER VIA A FIRE ALARM ZONE ADDRESSABLE CONTROL MODULE TO RETURN THE ELEVATOR CAR THE DESIGNATED LEVEL (LEVEL 5).

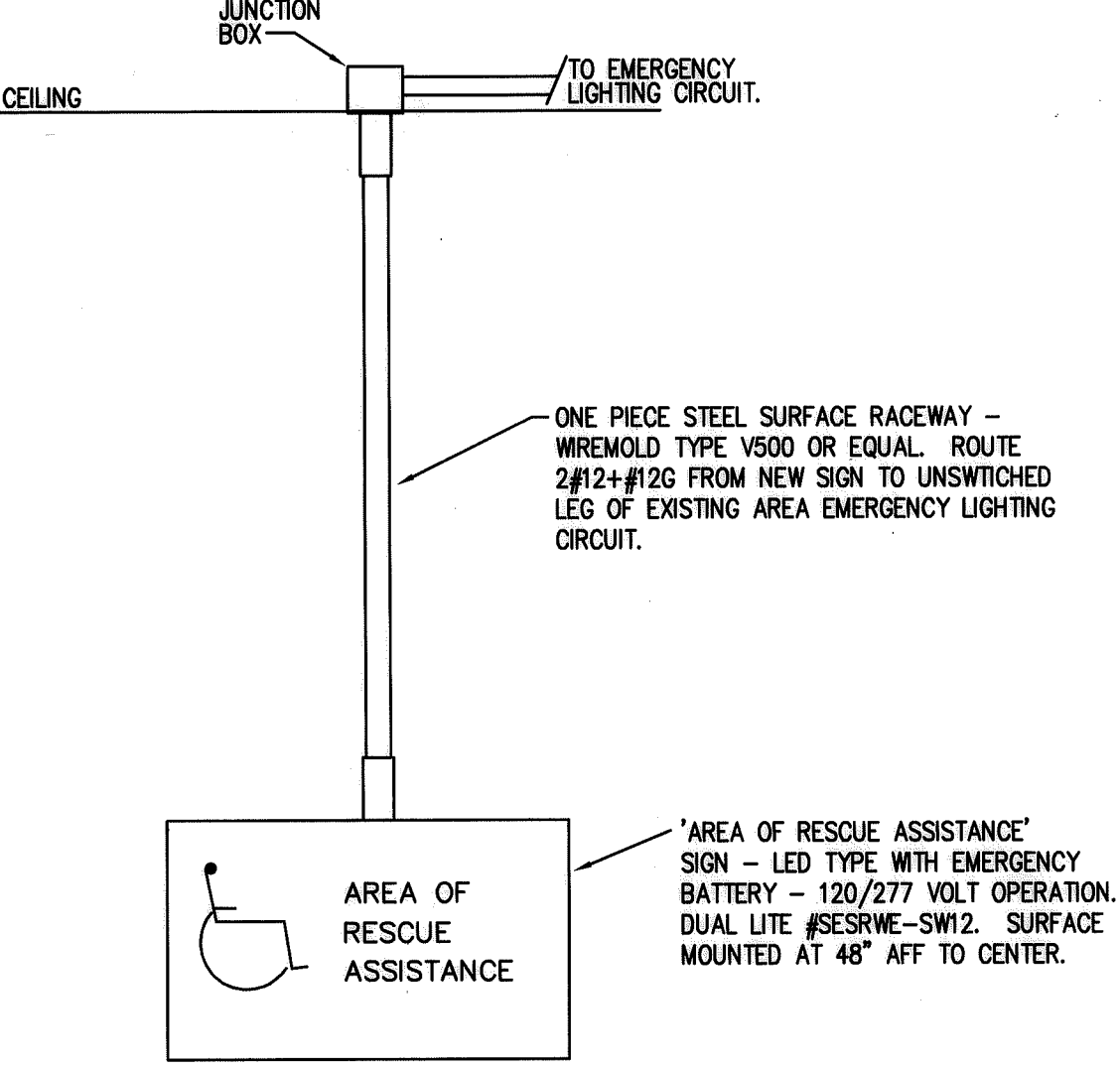


ELEVATOR RECALL AND SHUTDOWN RISER - PARKING GARAGE

- N.T.S.
- NOTES:
- ACTIVATION OF ELEVATOR RECALL SMOKE DETECTORS LOCATED AT THE ELEVATOR LOBBIES, AS WELL AS IN THE ELEVATOR MACHINE ROOMS SHALL SEND A SIGNAL TO THE ELEVATOR CONTROLLER VIA A FIRE ALARM ZONE ADDRESSABLE CONTROL MODULE TO RETURN THE ELEVATOR CAR THE DESIGNATED LEVEL (LEVEL 4).
 - ACTIVATION OF ELEVATOR RECALL SMOKE DETECTOR LOCATED AT THE LEVEL 4 ELEVATOR LOBBY SHALL SEND A SIGNAL TO THE ELEVATOR CONTROLLER VIA A FIRE ALARM ZONE ADDRESSABLE CONTROL MODULE TO RETURN THE ELEVATOR CAR THE DESIGNATED LEVEL (LEVEL 4).

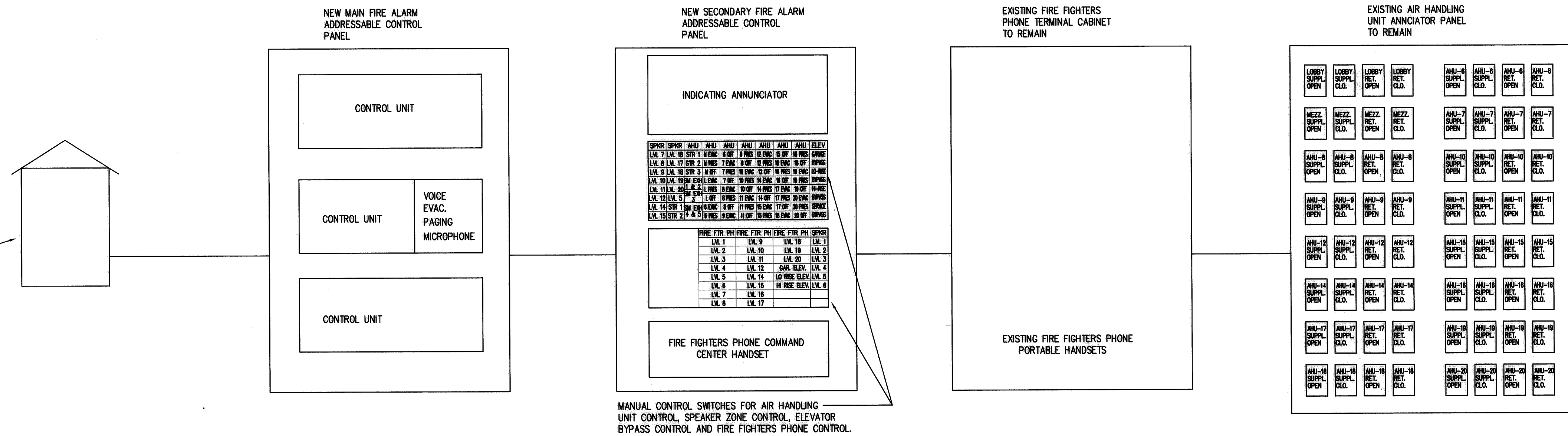
ELECTRICAL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
[E]	MANUAL FIRE ALARM PULL STATION; MOUNT AT 48" AFF	[H]	AUTOMATIC HEAT DETECTOR
[E-C]	FIRE ALARM VISUAL INDICATING UNIT; MOUNT AT 80" AFF; SUBSCRIPT INDICATES THE CANDELA RATING OF THE STROBE	[S]	FIRE ALARM SPEAKER
[E-C] CL	FIRE ALARM VISUAL INDICATING UNIT; MOUNTED ON CEILING; SUBSCRIPT INDICATES THE CANDELA RATING OF THE STROBE	[FS]	SPRINKLER SYSTEM FLOW SWITCH
[E-A]	FIRE ALARM AUDIO/VISUAL INDICATING UNIT; MOUNT AT 80" AFF; SUBSCRIPT INDICATES THE CANDELA RATING OF THE STROBE	[TS]	SPRINKLER SYSTEM TAMPER SWITCH
[S]	AUTOMATIC FIRE ALARM SMOKE DETECTOR	[PS]	SPRINKLER SYSTEM PRESSURE SWITCH
[S-D]	AUTOMATIC FIRE ALARM DUCT SMOKE DETECTOR	[V]	FIREFIGHTER'S TELEPHONE JACK
[S-E]	AUTOMATIC FIRE ALARM ELEVATOR RECALL SMOKE DETECTOR	[ZAM]	FIRE ALARM ZONE ADDRESSABLE MODULE FOR MONITOR OR CONTROL
[S-F]	AUTOMATIC FIRE ALARM SMOKE DETECTOR BELOW RAISED FLOOR	[ADR]	'AREA OF RESCUE ASSISTANCE' LIGHTED SIGN
[RTS]	DUCT SMOKE DETECTOR REMOTE TEST SWITCH	[PH]	AREA OF RESCUE ASSISTANCE TWO-WAY COMMUNICATION PHONE
[SPF]	STAIR PRESSURIZATION FAN	[AF]	EXISTING FIRE ALARM MONITORING RELAY
[SEF]	SMOKE EXHAUST FAN	[AFF]	ABOVE FINISHED FLOOR
[AHU]	AIR HANDLING UNIT		

RENOVATION LEGEND	
[ETR]	EXISTING TO REMAIN
[RE]	REMOVE EXISTING
[RL]	RELOCATE EXISTING
[NL]	NEW LOCATION OF EXISTING RELOCATED
[NR]	NEW TO REPLACE EXISTING
[RR]	REMOVE AND REPLACE ON NEW SURFACE



'AREA OF RESCUE ASSISTANCE' SIGN DETAIL

N.T.S.



FIRE COMMAND CENTER DETAIL

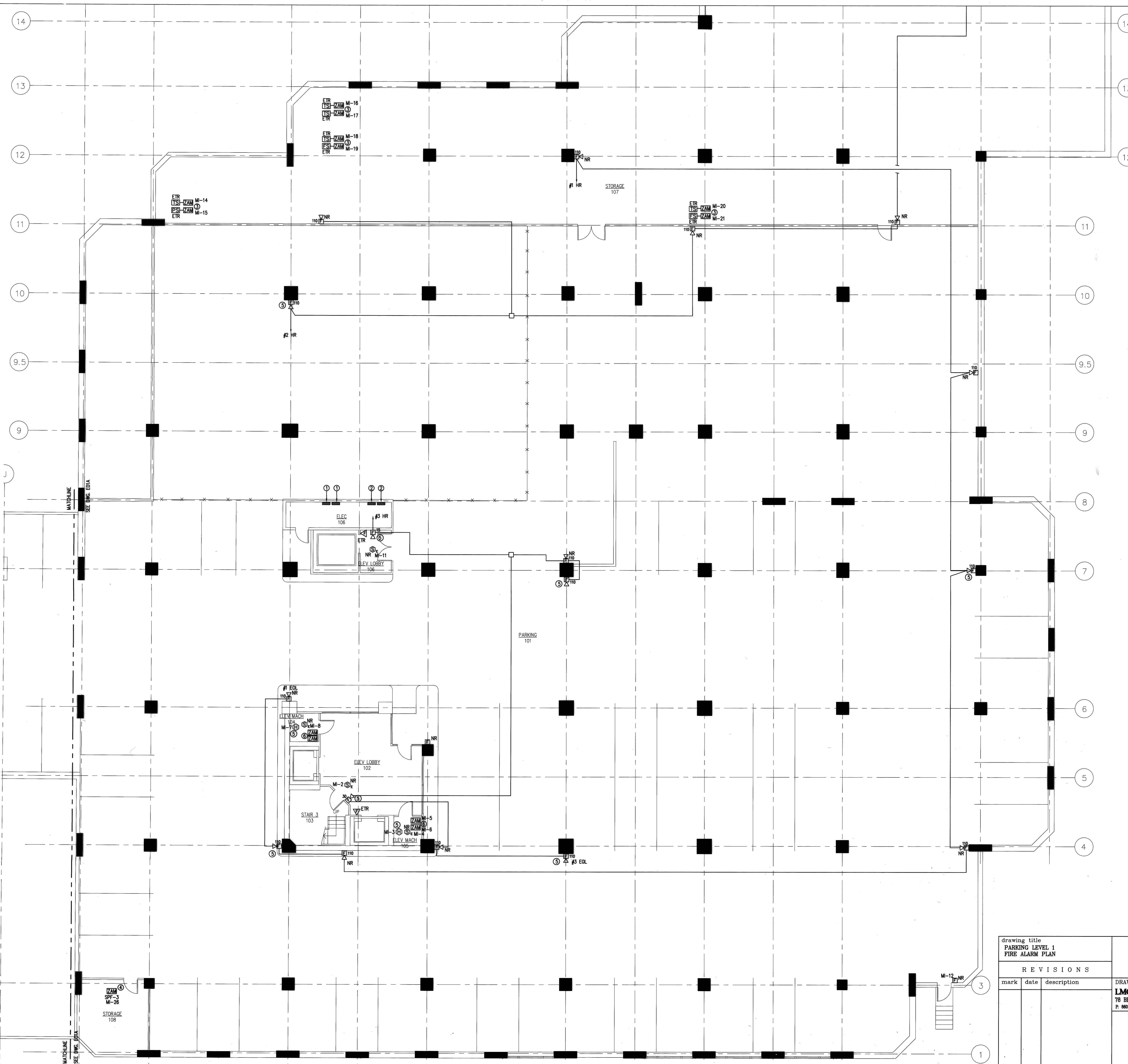
N.T.S.

- NOTES:
- PROVIDE NEW ADDRESSABLE NETWORKED FIRE ALARM CONTROL PANELS TO REPLACE EXISTING. RECONNECT ALL EXISTING FIRE ALARM CIRCUITRY THAT IS TO REMAIN TO ENSURE A COMPLETE OPERATIONAL SYSTEM.

NOTE:
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drawing title		STATE OF CONNECTICUT	
ELECTRICAL DETAILS AND SCHEDULES		DEPARTMENT OF PUBLIC WORKS	
REVISIONS		DRAWING PREPARED BY	
mark	date	description	
		LMG CONSULTING ENGINEERS, INC.	
		78 BRAVER RD, WETHERSFIELD, CONNECTICUT	
		P. 860 - 721 - 7234 P. 860 - 529 - 8700	
		project:	date
		UPGRADE FIRE ALARM	11/23/05
		25 SIGOURNEY STREET	scale
		HARTFORD, CT	AS NOTED
		project no. BI-2B-215	drawn by
			ABC
			approved by
			BSL
			drawing no.
			E00



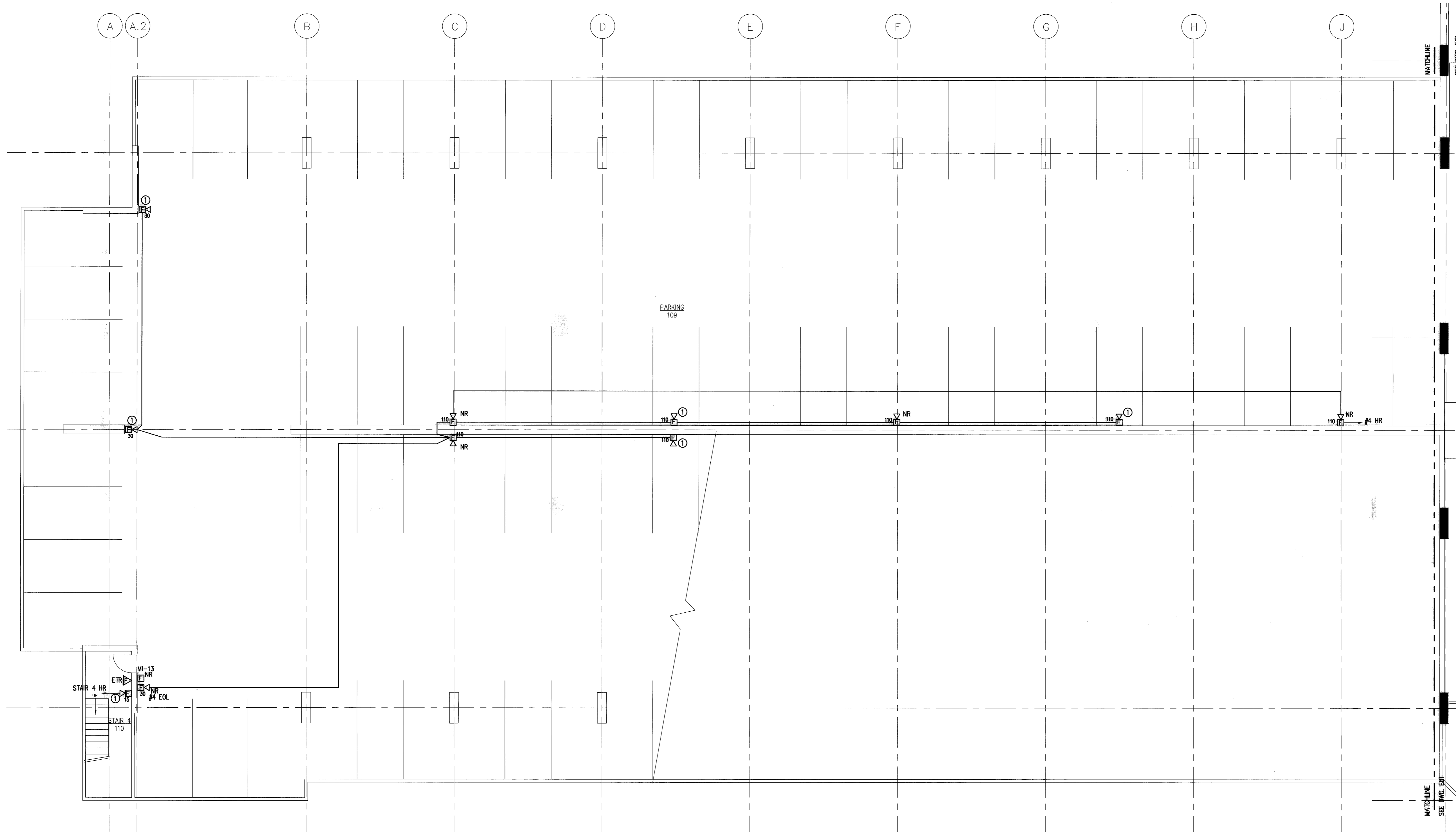
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING. ADD ADDITIONAL WIRING AS REQUIRED.
- KEYNOTE NOTES:**
- ① PROVIDE NEW 4120 MULTIPLEX TRANSPONDER PANEL TO REPLACE EXISTING TRANSPONDER PANEL.
 - ② EXISTING MULTIPLEX TRANSPONDER PANEL TO REMAIN.
 - ③ EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.
 - ④ PROVIDE NEW CONTROL ZAM TO REPLACE EXISTING CONTROL RELAY FOR EXISTING FAN SPF-3. RECONNECT EXISTING CIRCUITING.
 - ⑤ PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 - ⑥ PROVIDE NEW CONTROL ZAM FOR ELEVATOR RECALL.

NOTE:
THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SUPPLIED BY THE CLIENT. THE ENGINEER HAS CONDUCTED VISUAL GENERAL VERIFICATION OF THE INFORMATION AND HAS NOT CONDUCTED A FIELD SURVEY. THE CONTRACTOR SHALL VERIFY THE INFORMATION INDICATED ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO SUBMITTING HIS BID.

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RECORD SET
JANUARY 24, 2008

drawing title PARKING LEVEL 1 FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
REVISIONS			
mark	date	description	
DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BEAVER RD. WETHERSFIELD, CONNECTICUT P. 860 - 721 - 7234 F. 860 - 629 - 6700		date 11/23/05	scale 1/8"=1'-0"
project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT		drawn by ABC	approved by BSL
project no. BI-28-215		drawing no. E01	



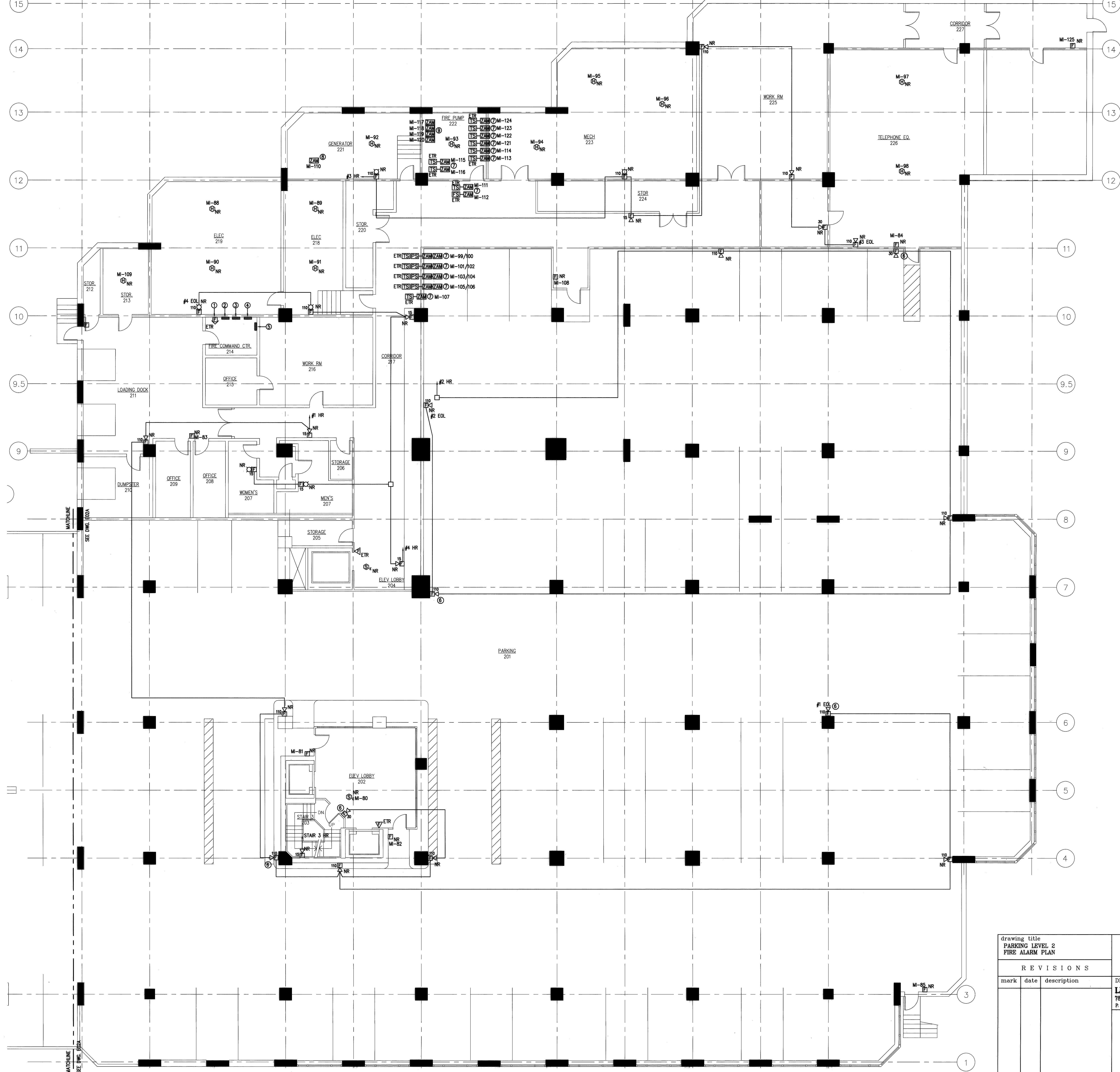
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING. ADD ADDITIONAL WIRING AS REQUIRED.
- KEYED NOTES:**
- ① PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.

RECORD SET
JANUARY 24, 2008

drawing title PARKING LEVEL 1 FIRE ALARM PLAN			STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
R E V I S I O N S				
mark	date	description	DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BEAVER RD, WETHERSFIELD, CONNECTICUT P. 860 - 721 - 7234 P. 860 - 889 - 6700	
			project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT	date 11/23/05 scale 1/8"=1'-0" drawn by ABC
			project no. BI-2B-215	approved by DSL drawing no. E01A

NOTE:
THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING BUILDING EXTERIOR AND LIMITED FIELD INVESTIGATIONS AND MAY NOT FULLY REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL VERIFY THE INFORMATION SHOWN ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO SUBMITTING HIS BID.

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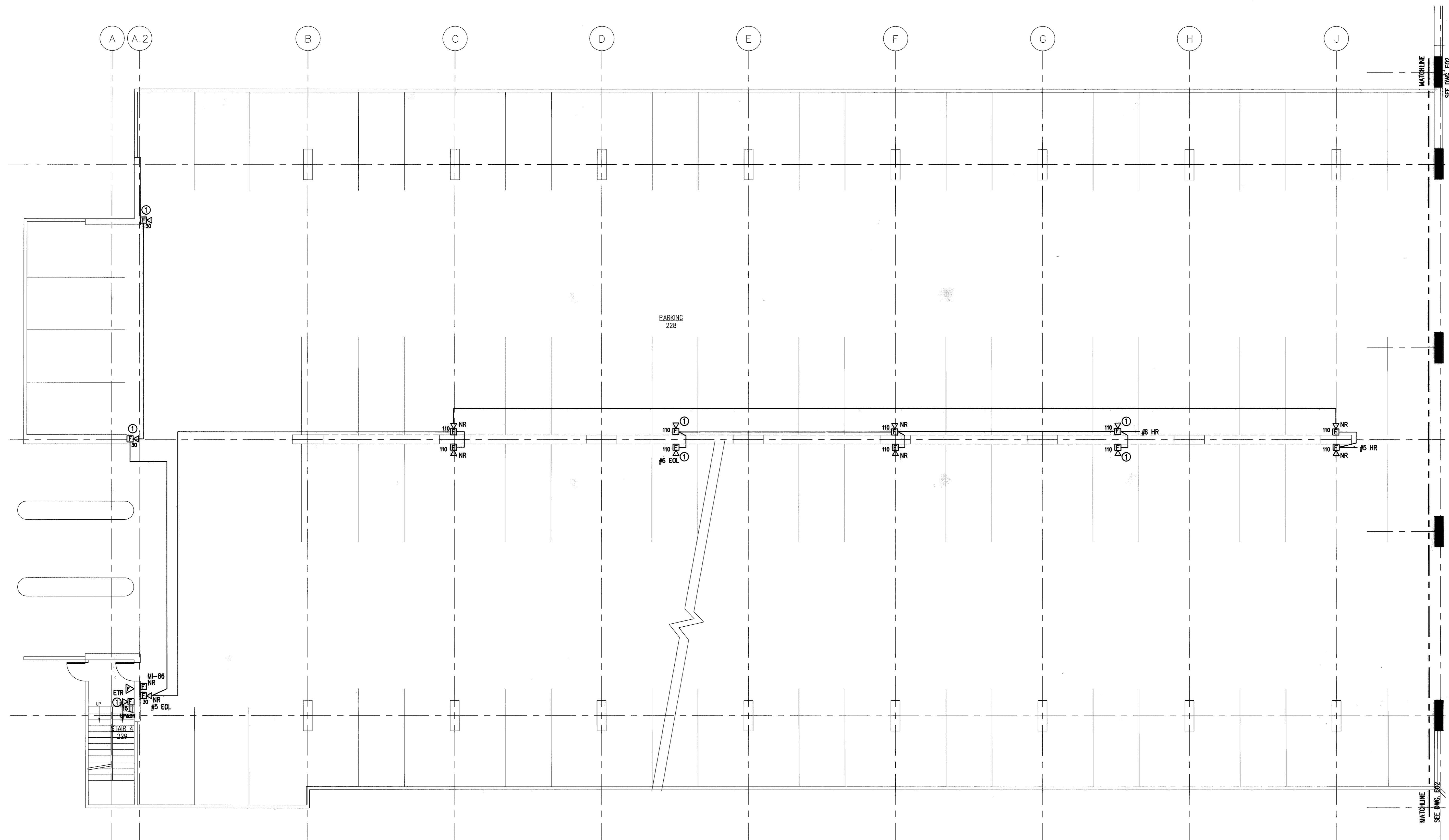
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING. ADD ADDITIONAL WIRING AS REQUIRED.
- KEYED NOTES:**
- ① EXISTING CITY OF HARTFORD GAMEWELL MASTER BOX TO REMAIN AND BE REUSED.
 - ② EXISTING SIMPLEX 2120 FIRE ALARM MAIN CONTROL PANEL TO BE REPLACED WITH NEW ADDRESSABLE 4120 FIRE ALARM CONTROL PANEL. PROVIDE ALL NECESSARY RECONNECTIONS AS REQUIRED.
 - ③ EXISTING SIMPLEX 2120 FIRE ALARM SECONDARY CONTROL PANEL TO BE REPLACED WITH NEW ADDRESSABLE 4120 FIRE ALARM CONTROL PANEL. PROVIDE ALL NECESSARY RECONNECTIONS AS REQUIRED.
 - ④ EXISTING FIRE FIGHTERS PHONE TERMINAL CABINET TO REMAIN AND BE REUSED.
 - ⑤ EXISTING AIR HANDLING UNIT DAMPER ANNUNCIATOR PANEL TO REMAIN AND BE REUSED.
 - ⑥ PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 - ⑦ EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.
 - ⑧ PROVIDE NEW MONITOR ZAM TO REPLACE EXISTING CONTROL RELAY FOR EXISTING GENERATOR MONITORING. RECONNECT EXISTING CIRCUITING.
 - ⑨ PROVIDE NEW MONITOR ZAMS FOR FIRE PUMP MONITORING. MONITOR 1) PUMP RUNNING; 2) LOSS OF PHASE; 3) PHASE REVERSAL; 4) CONNECTED TO ALTERNATE SOURCE. CONNECT TO EXISTING CIRCUITING.

NOTE:
 THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING BUILDING PLANS AND LATEST FIELD INVESTIGATION AND MAY OR MAY NOT REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION INDICATED ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO SUBMITTING HIS BID.

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RECORD SET
 JANUARY 24, 2008

drawing title PARKING LEVEL 2 FIRE ALARM PLAN			STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS		
REVISIONS			DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BEAVER RD. WETHERFIELD, CONNECTICUT P. 800 - 721 - 7234 F. 860 - 539 - 6700		
mark	date	description	date	scale	drawn by
			11/23/05	1/8"=1'-0"	ABC
					approved by DSL
					drawing no. E02
			project no.	01-2B-215	



- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.

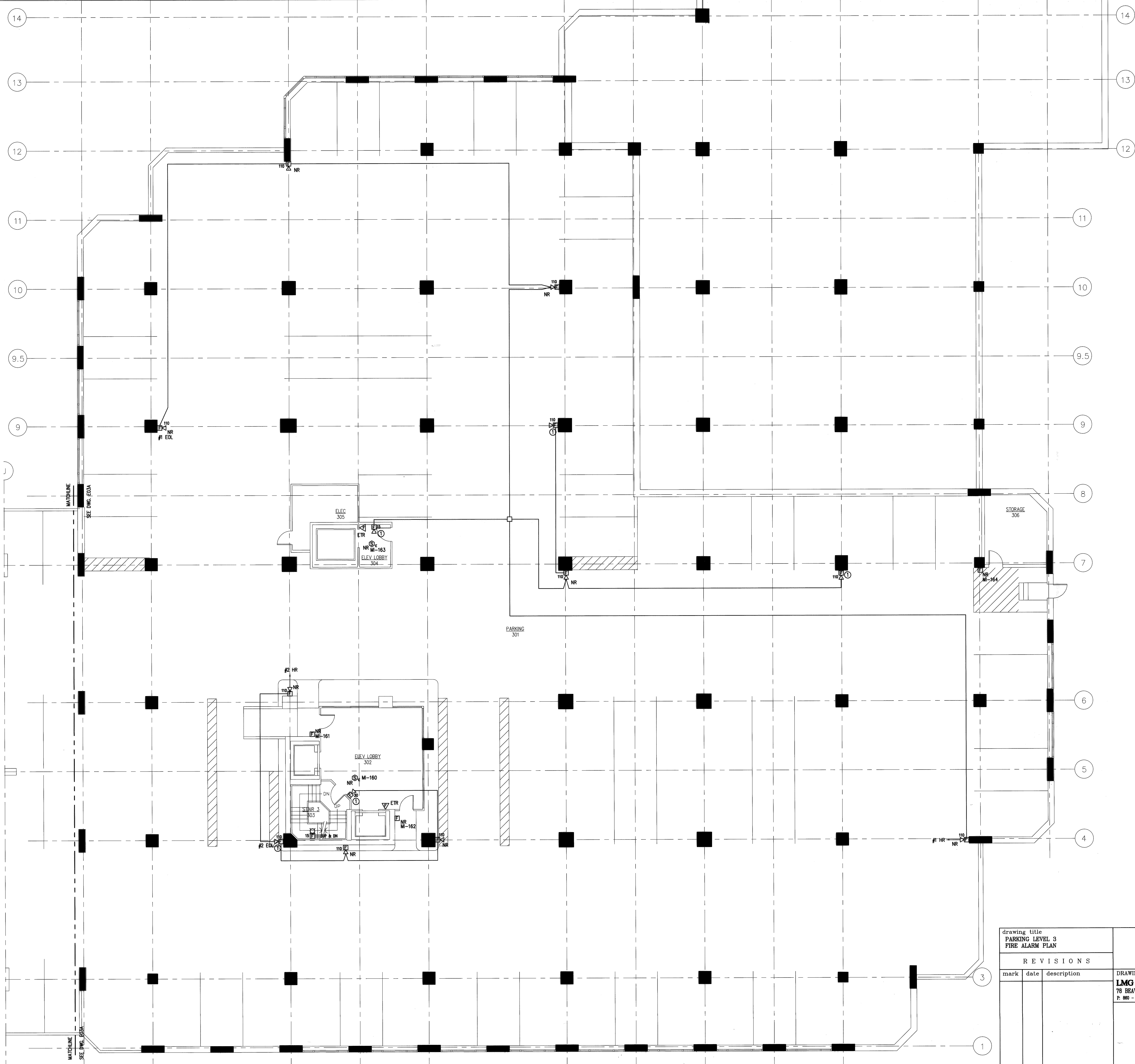
NOTE:
 THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING BUILDING PLANS AND LIMITED FIELD INVESTIGATION AND MAY NOT REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION SHOWN ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO SUBMITTING HIS BID.

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RECORD SET
 JANUARY 24, 2008

drawing title PARKING LEVEL 2 FIRE ALARM PLAN			STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS		
R E V I S I O N S			DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BRAVER RD. WETHERSFIELD, CONNECTICUT P. 860 - 724 7234 F. 860 - 823 - 0700		
mark	date	description	date 11/23/05	scale 1/8"=1'-0"	drawn by ABC
					approved by DSL
					drawing no. E02A
			project no. B-28-215		

- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.

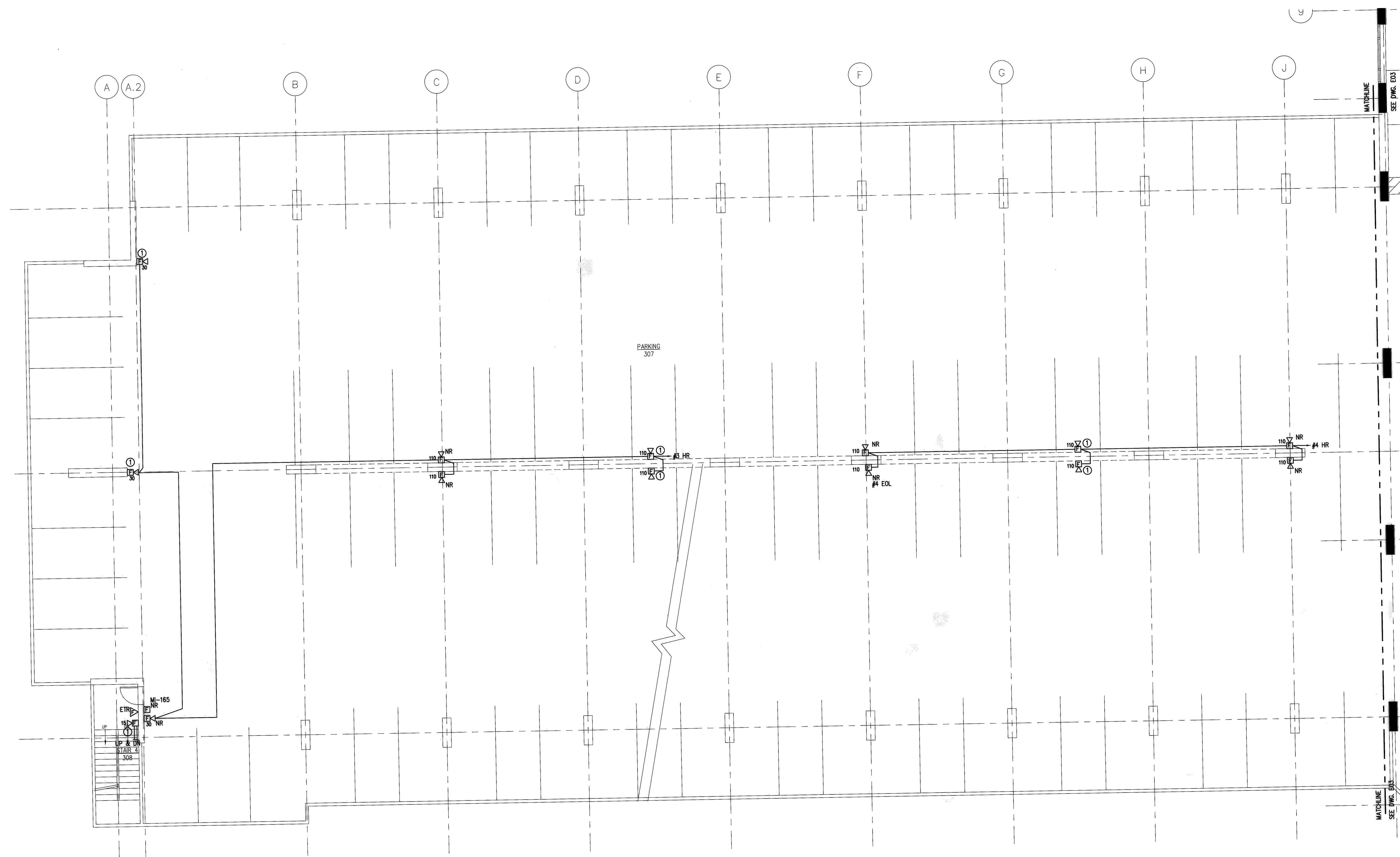


NOTE:
 THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING BUILDING PLANS AND LIMITED FIELD INVESTIGATION AND MAY NOT REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION SHOWN ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO SUBMITTING HIS BID.

DOCUMENT OWNERSHIP:
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RECORD SET
 JANUARY 24, 2008

drawing title PARKING LEVEL 3 FIRE ALARM PLAN			STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS		
REVISIONS			DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BRAVER RD. WETHERSFIELD, CONNECTICUT P. 860 - 721 - 7234 F. 860 - 620 - 0700		
mark	date	description	project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT	date 11/23/05	scale 1/8"=1'-0"
			project no. BI-2B-215	drawn by ABC	approved by DSL
				drawing no. E03	



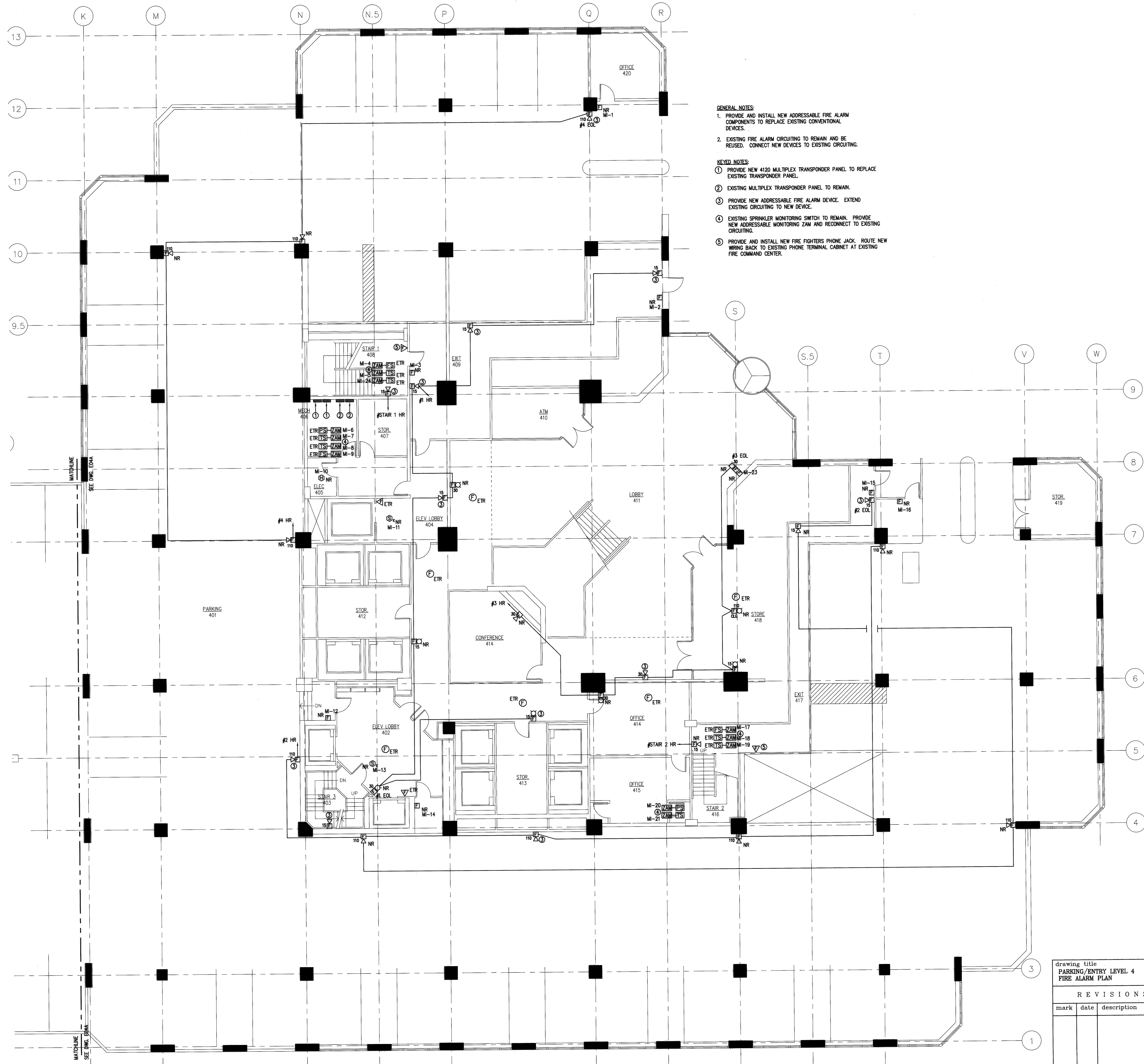
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.

NOTE:
 THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING BUILDING PLANS AND LATEST FIELD INVESTIGATIONS AND MAY OR MAY NOT REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION SHOWN ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCING THE WORK.

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RECORD SET
 JANUARY 24, 2008

drawing title PARKING LEVEL 3 FIRE ALARM PLAN			STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS		
REVISIONS					
mark	date	description	DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 708 BEAVER RD., WETHERSFIELD, CONNECTICUT P. 860 - 721 - 7234 P. 860 - 829 - 0700	date 11/23/05	scale 1/8"=1'-0"
			project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT	drawn by ABC	approved by DSL
			project no. BI-2B-215		E03A



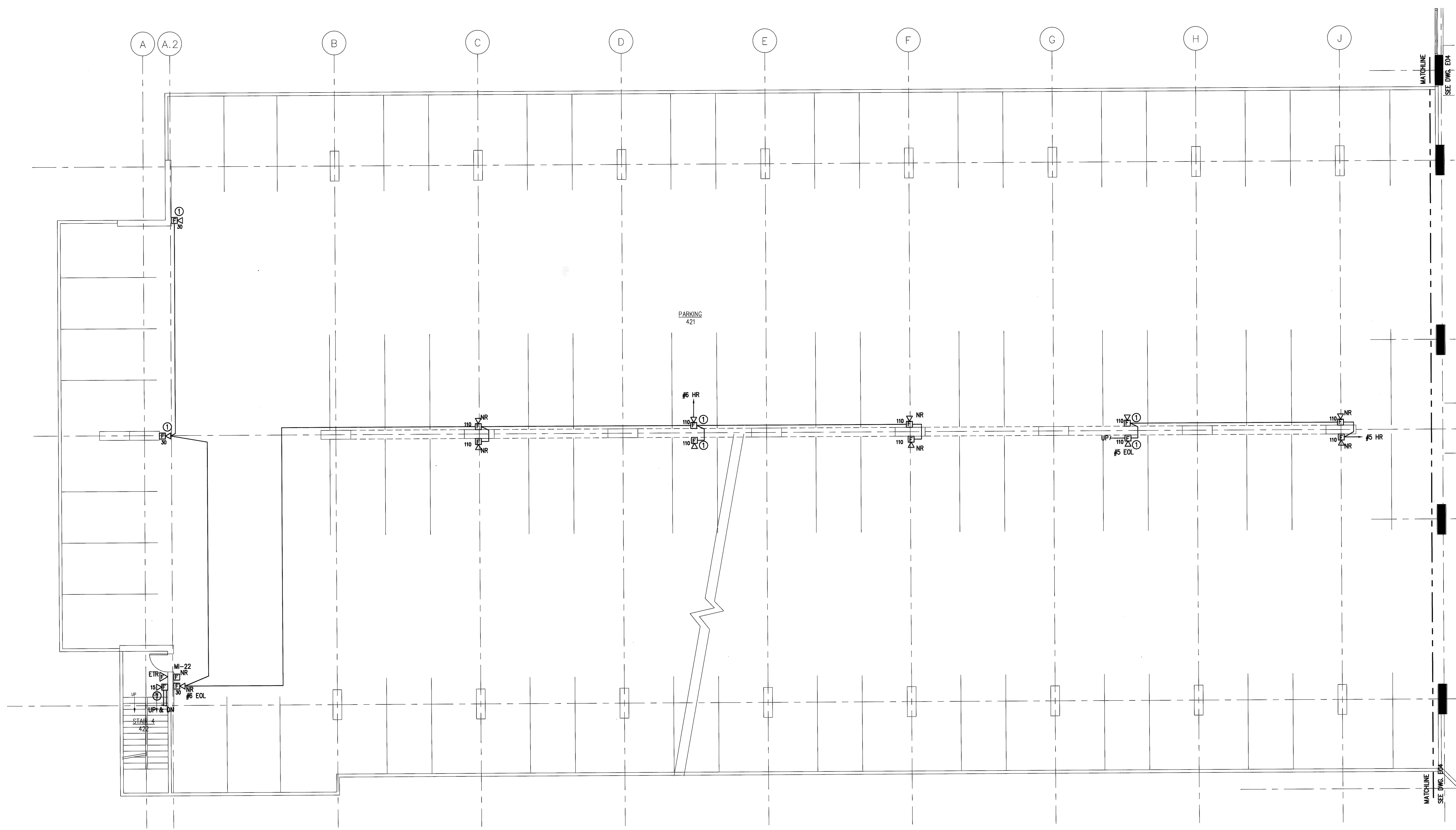
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
1. PROVIDE NEW 4120 MULTIPLEX TRANSPONDER PANEL TO REPLACE EXISTING TRANSPONDER PANEL.
 2. EXISTING MULTIPLEX TRANSPONDER PANEL TO REMAIN.
 3. PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 4. EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.
 5. PROVIDE AND INSTALL NEW FIRE FIGHTERS PHONE JACK. ROUTE NEW WIRING BACK TO EXISTING PHONE TERMINAL CABINET AT EXISTING FIRE COMMAND CENTER.

NOTE:
 THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING BUILDING PLANS AND LIMITED FIELD INVESTIGATION AND NO ON-SITE SURVEY HAS BEEN CONDUCTED. THE CONTRACTOR SHALL VERIFY THE INFORMATION SHOWN ON THIS DRAWING AND ACCEPT THE CONSEQUENCES OF ANY DISCREPANCIES PRIOR TO SUBMITTING HIS BID.

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RECORD SET
 JANUARY 24, 2008

drawing title PARKING/ENTRY LEVEL 4 FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
REVISIONS			
mark	date	description	
DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BEAVER RD., WETHERSFIELD, CONNECTICUT P. 860 - 721 - 7234		date 11/23/05	scale 1/8"=1'-0"
project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT		drawn by ABC	approved by DSL
project no. BI-2B-215		drawing no. E04	



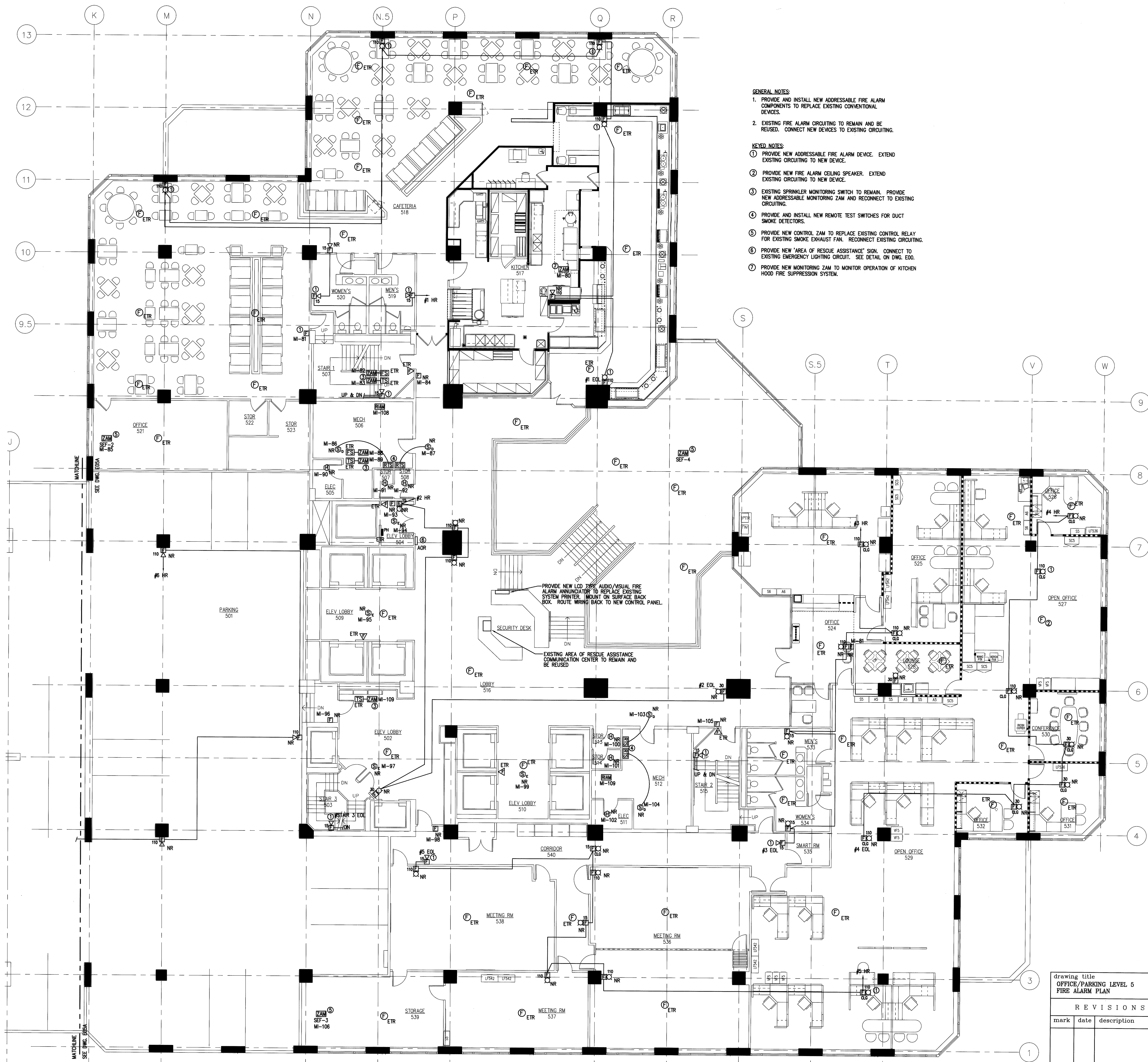
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.

NOTE:
 THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SUPPLIED BY THE CLIENT. THE ENGINEER HAS CONDUCTED VISUAL GENERAL VERIFICATION OF THE INFORMATION AND HAS LIMITED FIELD INVESTIGATION AND MAY OR MAY NOT BE ABLE TO DETECT ALL DEFECTS. THE CONTRACTOR SHALL VERIFY THE INFORMATION SHOWN ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO SUBMITTING HIS BID.

DOCUMENT OWNERSHIP:
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RECORD SET
 JANUARY 24, 2008

drawing title PARKING LEVEL 4 FIRE ALARM PLAN			STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
REVISIONS				
mark	date	description	DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BRAVER RD, WETHERSFIELD, CONNECTICUT P. 860 - 724 7234 F. 860 - 823 - 8700	date 11/23/05 scale 1/8"=1'-0"
			project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT	drawn by ABC
			project no. BI-2B-215	approved by DSL drawing no. E04A



- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 - ② PROVIDE NEW FIRE ALARM CEILING SPEAKER. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 - ③ EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.
 - ④ PROVIDE AND INSTALL NEW REMOTE TEST SWITCHES FOR DUCT SMOKE DETECTORS.
 - ⑤ PROVIDE NEW CONTROL ZAM TO REPLACE EXISTING CONTROL RELAY FOR EXISTING SMOKE EXHAUST FAN. RECONNECT EXISTING CIRCUITING.
 - ⑥ PROVIDE NEW 'AREA OF RESCUE ASSISTANCE' SIGN. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT. SEE DETAIL ON DWG. E00.
 - ⑦ PROVIDE NEW MONITORING ZAM TO MONITOR OPERATION OF KITCHEN HOOD FIRE SUPPRESSION SYSTEM.

PROVIDE NEW LCD TYPE AUDIO/VISUAL FIRE ALARM ANNUNCIATOR TO REPLACE EXISTING SYSTEM PRINTER. MOUNT ON SURFACE BACK BOX. ROUTE WIRING BACK TO NEW CONTROL PANEL.

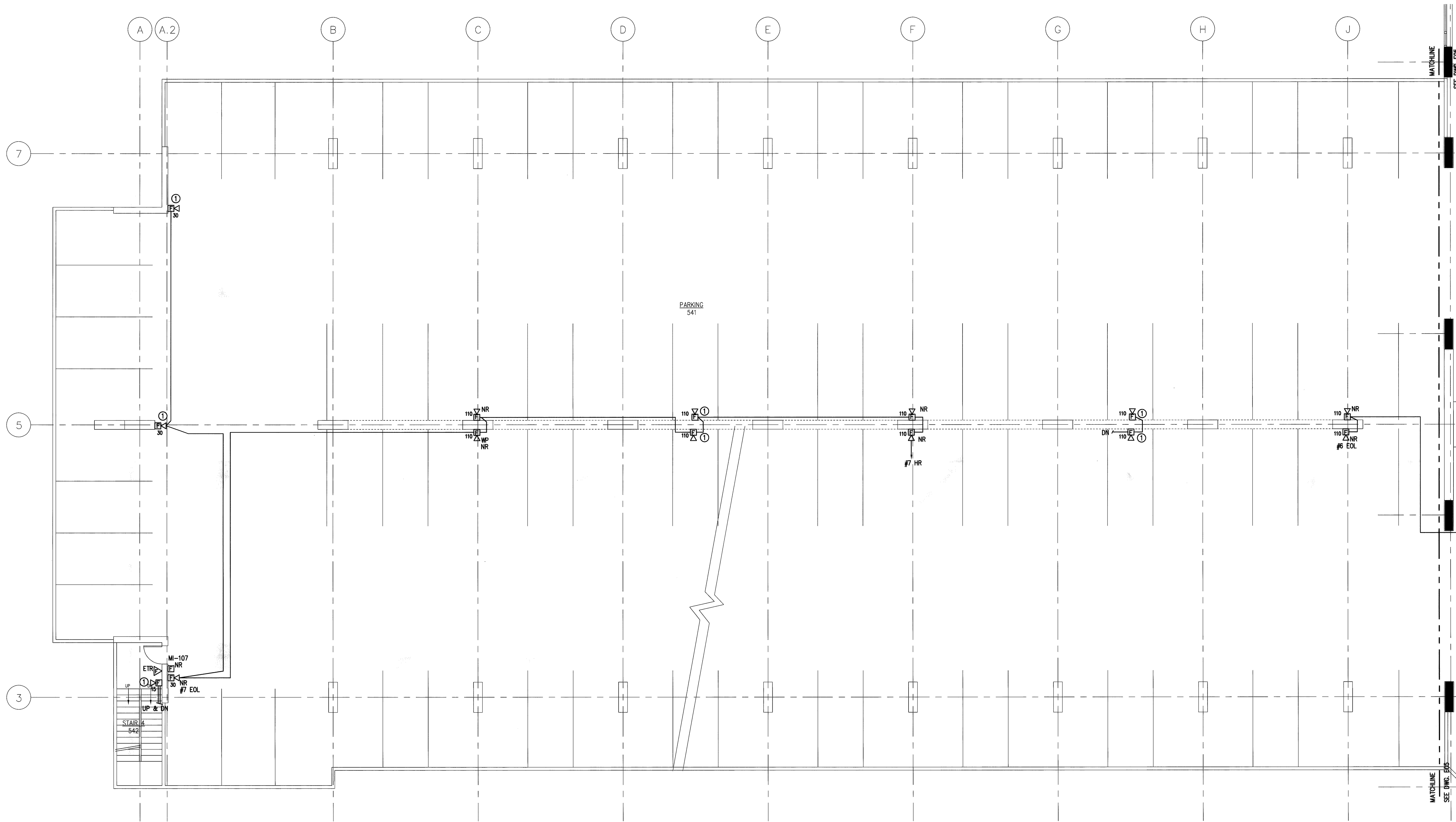
EXISTING AREA OF RESCUE ASSISTANCE COMMUNICATION CENTER TO REMAIN AND BE REUSED.

NOTE:
THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING RECORD PLANS AND SURVEY DATA. THE ENGINEER HAS CONDUCTED VISUAL GENERAL VERIFICATION AND HAS NOT CONDUCTED FIELD INVESTIGATION AND MAY OR MAY NOT REFLECT THE ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL VERIFY THE INFORMATION SHOWN ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING WORK.

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RECORD SET
JANUARY 24, 2008

drawing title OFFICE/PARKING LEVEL 5 FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
REVISIONS			
mark	date	description	
DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BEAVER RD., WETHERFIELD, CONNECTICUT P. 860 - 782 - 7224		date 11/23/05	scale 1/8"=1'-0"
project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT		drawn by ABC	approved by DSL
project no. BI-2B-215			E05



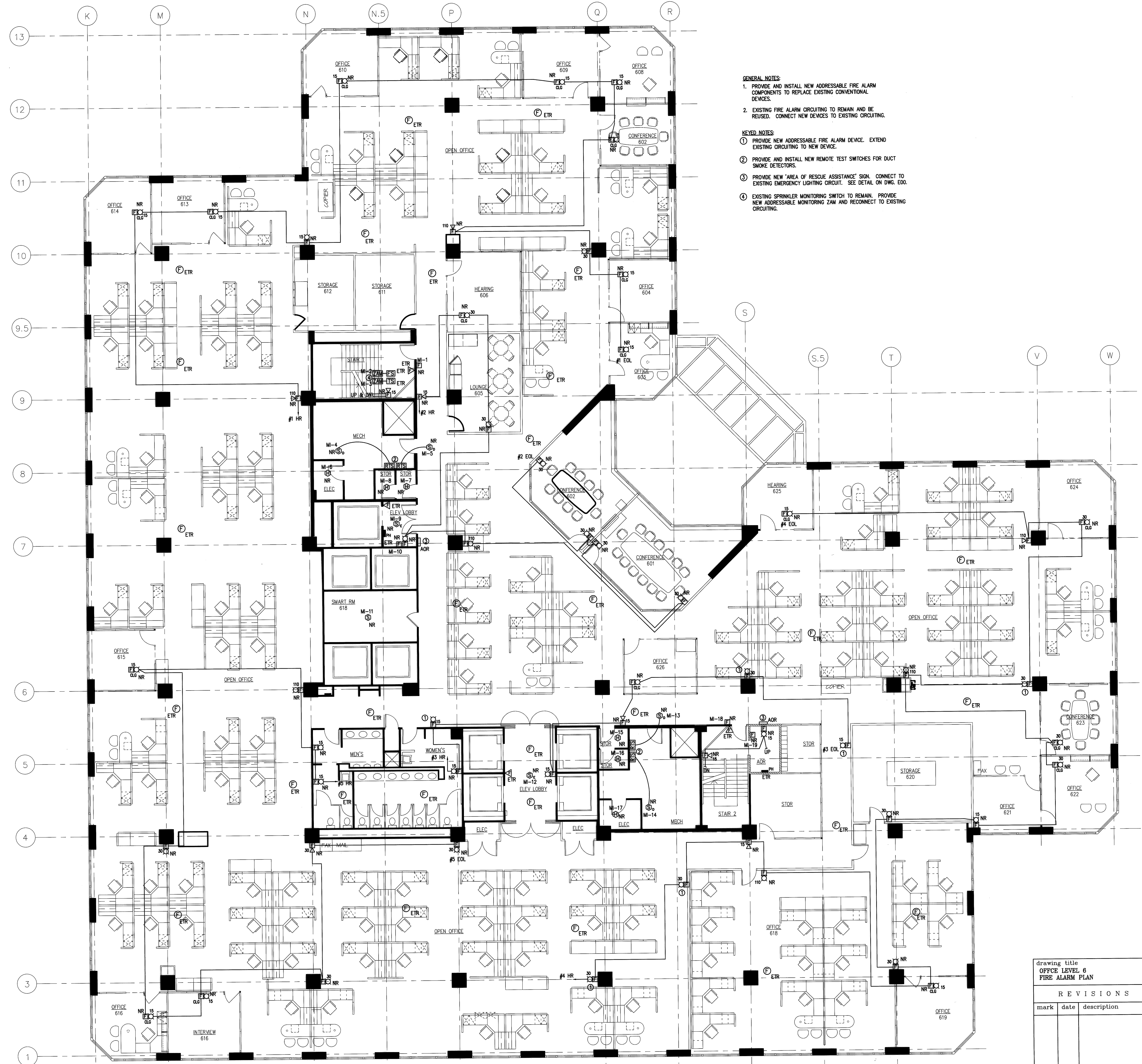
- GENERAL NOTES**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES**
- ① PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.

NOTE:
 THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING BUILDING PLANS AND LIMITED FIELD INVESTIGATION AND MAY OR MAY NOT REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION INDICATED ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO SUBMITTING HIS BID.

DOCUMENT OWNERSHIP:
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RECORD SET
 JANUARY 24, 2008

drawing title			STATE OF CONNECTICUT		
PARKING LEVEL 5			DEPARTMENT OF PUBLIC WORKS		
FIRE ALARM PLAN					
R E V I S I O N S					
mark	date	description	DRAWING PREPARED BY		date
			LMG CONSULTING ENGINEERS, INC. 78 BRAVER RD, WETHERSFIELD, CONNECTICUT P: 860 - 721 - 7234 F: 860 - 829 - 0700		11/23/05 scale 1/8"=1'-0"
			project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT		drawn by ABC approved by DSL drawing no. E05A
			project no. BI-2B-215		



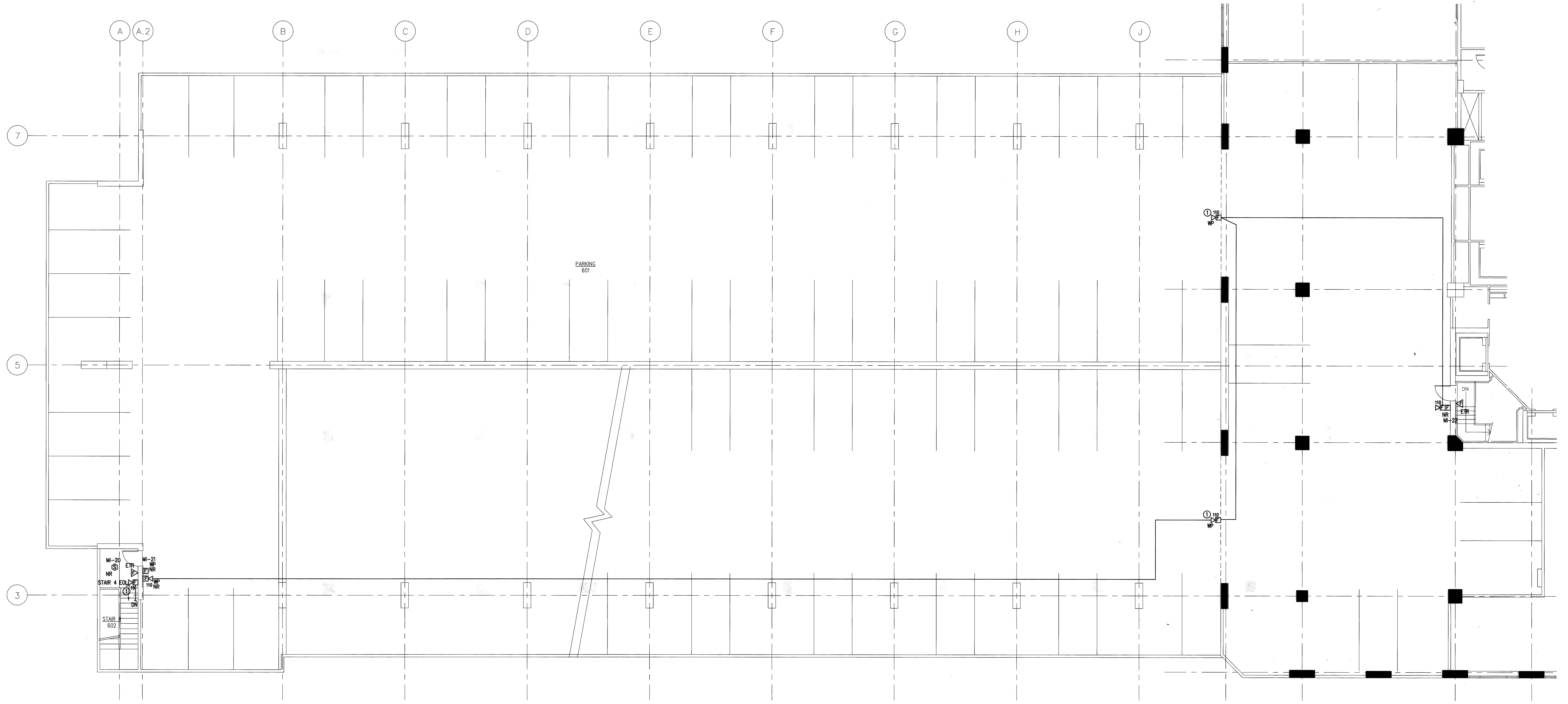
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 - ② PROVIDE AND INSTALL NEW REMOTE TEST SWITCHES FOR DUCT SMOKE DETECTORS.
 - ③ PROVIDE NEW 'AREA OF RESCUE ASSISTANCE' SIGN. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT. SEE DETAIL ON DWG. E00.
 - ④ EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.

NOTE:
 THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING BUILDING PLANS AND LATEST FIELD INVESTIGATIONS AND MAY NOT REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION INDICATED ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING HIS WORK.

DOCUMENT OWNERSHIP:
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RECORD SET
 JANUARY 24, 2008

drawing title OFFICE LEVEL 6 FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
drawing title OFFICE LEVEL 6 FIRE ALARM PLAN		DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BEAVER RD, WETHERSFIELD, CONNECTICUT P. 860 - 721 - 7234 F. 860 - 529 - 6700	
REVISIONS		date 11/23/05	scale 1/8"=1'-0"
mark	date	description	drawn by ABC
			approved by DSL
			drawing no. E06
project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT		project no. BI-2B-215	



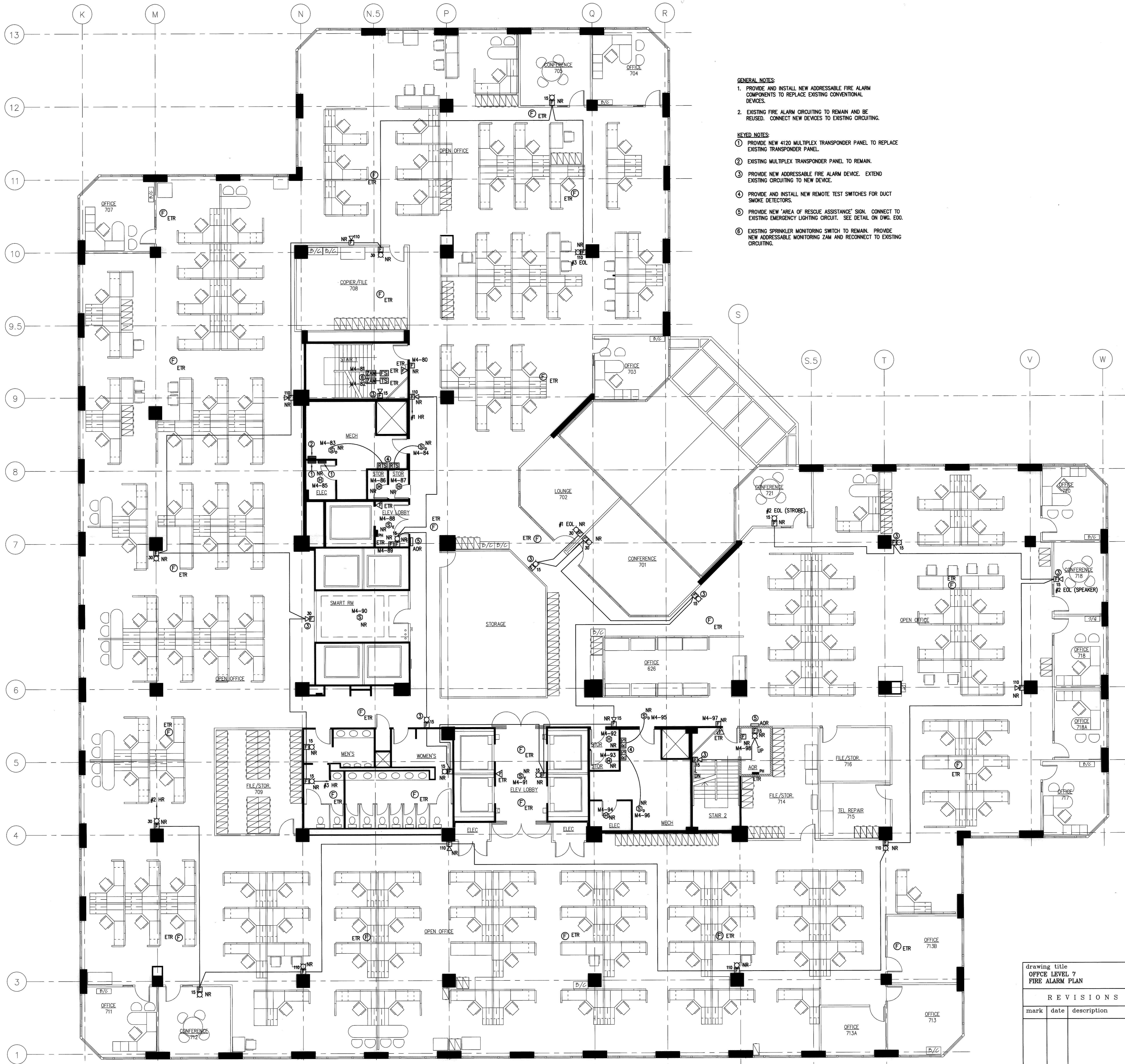
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.

RECORD SET
JANUARY 24, 2008

NOTE:
THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING RECORD PLANS AND LIMITED FIELD INVESTIGATIONS AND MAY OR MAY NOT REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION SHOWN ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO SUBMITTING HIS BID.

DOCUMENT OWNERSHIP:
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drawing title PARKING LEVEL 6 FIRE ALARM PLAN			STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS		
REVISIONS					
mark	date	description	DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 78 BRAVER RD, WETHERSFIELD, CONNECTICUT P. 866 - 721 - 7234 F. 866 - 829 - 0700		date 11/23/05 scale 1/8"=1'-0"
			project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT		drawn by ABC approved by DSL drawing no. E06A
			project no. BI-2B-215		



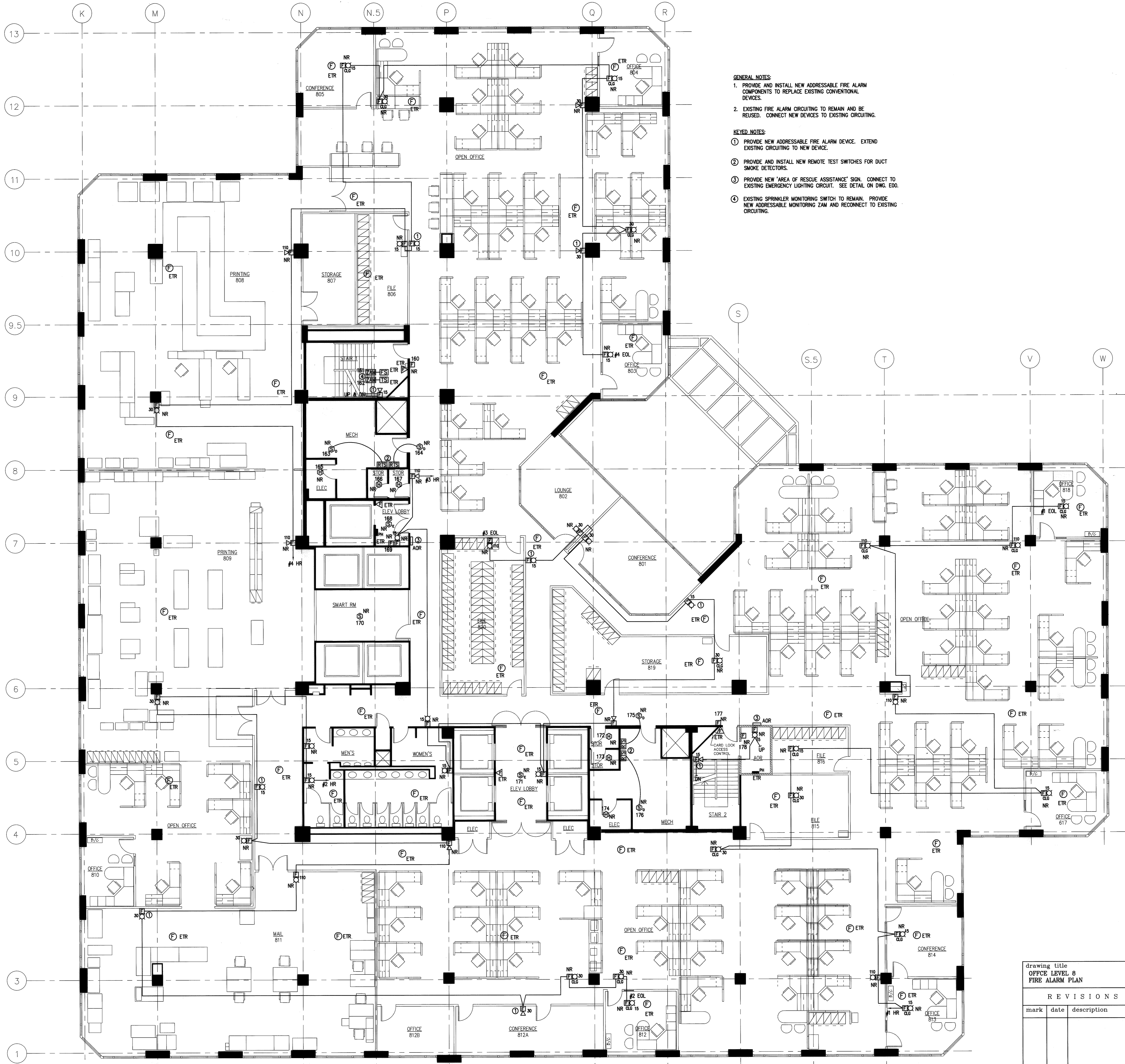
- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① PROVIDE NEW 4150 MULTIPLEX TRANSPONDER PANEL TO REPLACE EXISTING TRANSPONDER PANEL.
 - ② EXISTING MULTIPLEX TRANSPONDER PANEL TO REMAIN.
 - ③ PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 - ④ PROVIDE AND INSTALL NEW REMOTE TEST SWITCHES FOR DUCT SMOKE DETECTORS.
 - ⑤ PROVIDE NEW "AREA OF RESCUE ASSISTANCE" SIGN. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT. SEE DETAIL ON DWG. EDO.
 - ⑥ EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.

NOTE:
 THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON INFORMATION SHOWN ON THE EXISTING BUILDING PLANS AND LIMITED FIELD INVESTIGATIONS. THE OWNER OR HIS AGENT SHALL VERIFY THE INFORMATION SHOWN ON THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCING HIS WORK.

DOCUMENT OWNERSHIP:
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RECORD SET
 JANUARY 24, 2008

drawing title OFFICE LEVEL 7 FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
REVISIONS		DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 70 BEAVER RD., WETHERSFIELD, CONNECTICUT P. 860 - 721 - 7234 F. 860 - 829 - 8700	
mark	date	description	date 11/23/05 scale 1/8"=1'-0"
			drawn by ABC
			approved by DSL
			drawing no. E07
		project no.	BI-2B-215



- GENERAL NOTES:**
1. PROVIDE AND INSTALL NEW ADDRESSABLE FIRE ALARM COMPONENTS TO REPLACE EXISTING CONVENTIONAL DEVICES.
 2. EXISTING FIRE ALARM CIRCUITING TO REMAIN AND BE REUSED. CONNECT NEW DEVICES TO EXISTING CIRCUITING.
- KEYED NOTES:**
- ① PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICE. EXTEND EXISTING CIRCUITING TO NEW DEVICE.
 - ② PROVIDE AND INSTALL NEW REMOTE TEST SWITCHES FOR DUCT SMOKE DETECTORS.
 - ③ PROVIDE NEW 'AREA OF RESCUE ASSISTANCE' SIGN. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT. SEE DETAIL ON DWG. EDD.
 - ④ EXISTING SPRINKLER MONITORING SWITCH TO REMAIN. PROVIDE NEW ADDRESSABLE MONITORING ZAM AND RECONNECT TO EXISTING CIRCUITING.

NOTE:
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RECORD SET
 JANUARY 24, 2008

drawing title OFFICE LEVEL 8 FIRE ALARM PLAN			STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS	
REVISIONS			DRAWING PREPARED BY LMG CONSULTING ENGINEERS, INC. 76 BRAVER RD., WETHERSFIELD, CONNECTICUT P. 860 - 722 - 7234 F. 860 - 629 - 8700	
mark	date	description	project: UPGRADE FIRE ALARM 25 SIGOURNEY STREET HARTFORD, CT	date: 11/23/05 scale: 1/8"=1'-0" drawn by: ABC approved by: DSL drawing no. E08
			project no. BI-2B-215	