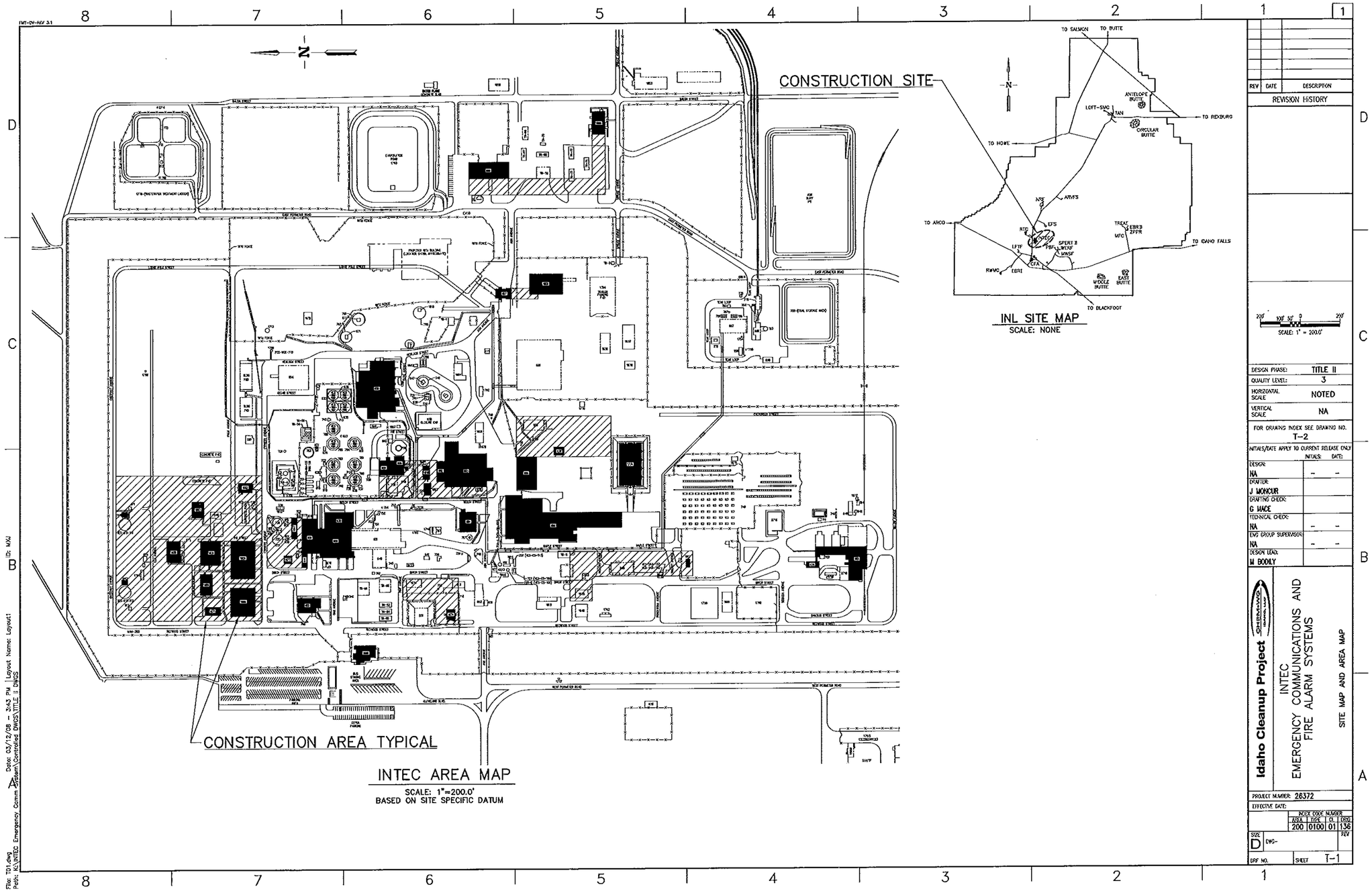
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
DRAWINGS

PART 1 OF 2

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION


CONSTRUCTION SITE
CONSTRUCTION AREA TYPICAL
INTEC AREA MAP
SCALE: 1"=200.0'
BASED ON SITE SPECIFIC DATUM
INL SITE MAP
SCALE: NONE
TO SALMON
TO BUTTE
TO REXBURG
TO HOWE
TO ARCO
TO IDAHO FALLS
TO BLACKFOOT
REVISION HISTORY
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NOTED
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
DESIGN: NA
DRAFTER: J MONCUR
DRAFTING CHECK: G MACE
TECHNICAL CHECK: NA
ENG GROUP SUPERVISOR: NA
DESIGN LEAD: M BODILY
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
SITE MAP AND AREA MAP
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
200 0100 01 136
SIZE D
DWG-
REV
DRF NO.
SHEET T-1

DRAWING INDEX

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FOR CONTINUATION SEE SHEET T-3

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: EGS	–	
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOORLY		

Idaho Cleanup Project
DOE-ID

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

DRAWING INDEX

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
ASSA	TYPE	CL	ORG
200	9999	01	136

SIZE D DWG- REV

DRF NO. SHEET T-2

DRAWING INDEX

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ABBREVIATIONS

ECS	EMERGENCY COMMUNICATION SYSTEM
EOL	END OF LINE RESISTOR
FA	FIRE ALARM
VI	VISUAL INDICATOR (STROBE)

LEGEND

- DISCONNECT AND REMOVE CROSS HATCHED EQUIPMENT AND CONDUCTORS
- NEW INSTALLATION
- EXISTING INSTALLATION
- EOL ECS — ECS CIRCUIT EOL SIZE TO BE DETERMINED BY EQUIPMENT SUPPLIER
- EOL FA — FIRE ALARM EOL 2.2KΩ EXCEPT AS NOTED ON THE DRAWINGS
- VOICE PAGING SPEAKER (SVP) WALL MOUNT
- EVACUATION SPEAKER (SEV) WALL MOUNT
- ECS SPEAKER CEILING MOUNT
- ECS SPEAKER WALL MOUNT
- STROBE LIGHT VI-XX-602-XXX, VISUAL INDICATOR AREA XX BUILDING 602, LIGHT NUMBER XXX.
- EMERGENCY COMMUNICATION JACK
- SMOKE DETECTOR
- MANUAL DISCHARGE SWITCH
- ECS SPEAKERS
- ECS STROBES
- ECS SPEAKER AND STROBES TO BE TAKEN OUT OF SERVICE BY OTHERS
- ECS ANTENNA
- FA HORN/STROBES
- E — MANUAL TAKE COVER/EVACUATION PULL STATION

IONIZATION AND PHOTOELECTRIC SMOKE DETECTORS

- CEILING MOUNT
- BELOW FLOOR
- ABOVE CEILING
- BELOW FLOOR AND ABOVE CEILING
- DOOR HOLDER
- HEAT DETECTOR

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

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INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
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TECHNICAL CHECK: ECS	-	
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOHY		

Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
DRAWING INDEX

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	9999	01	136

SIZE D DWG - REV

CPF NO. SHEET T-3

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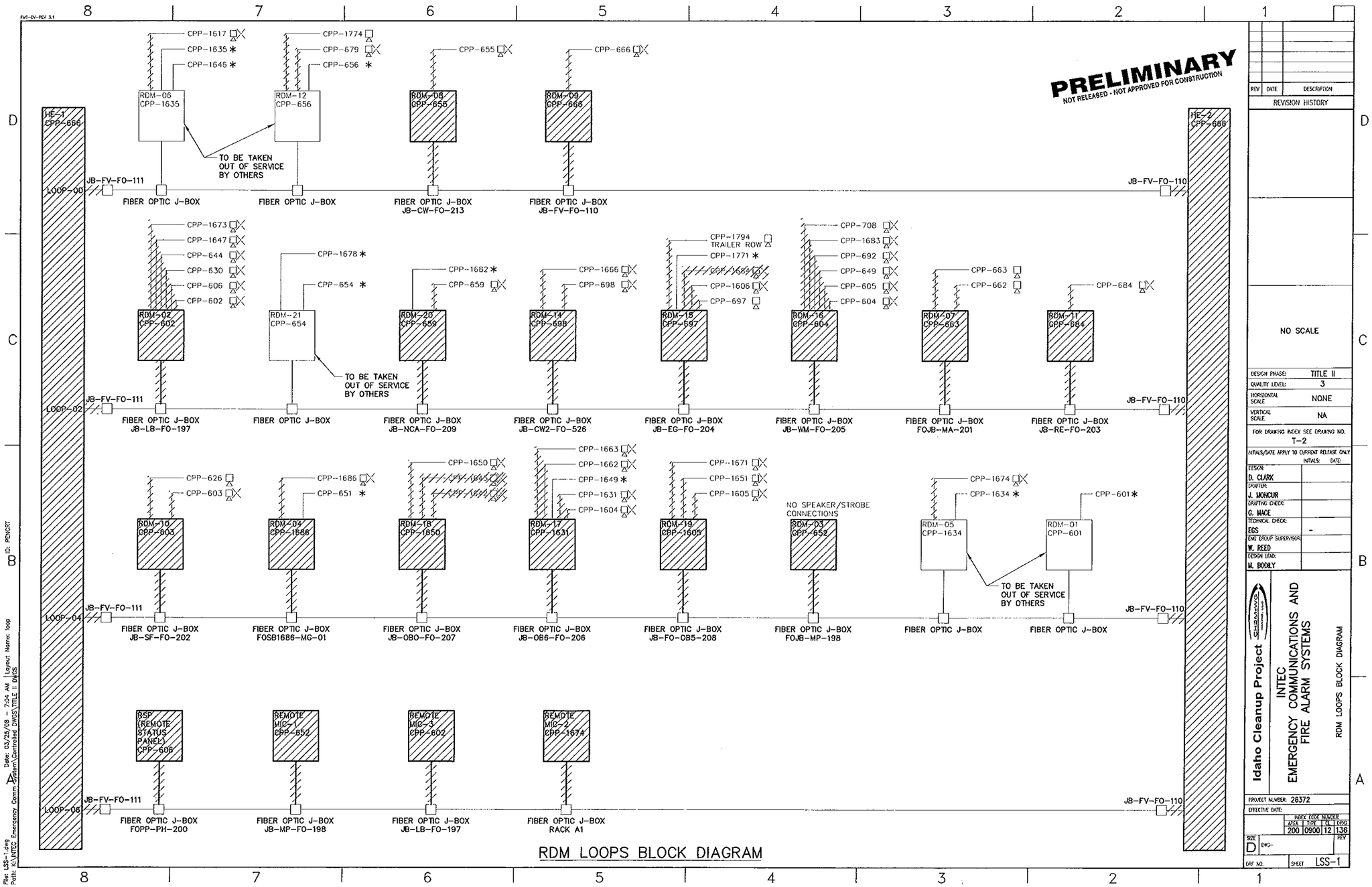
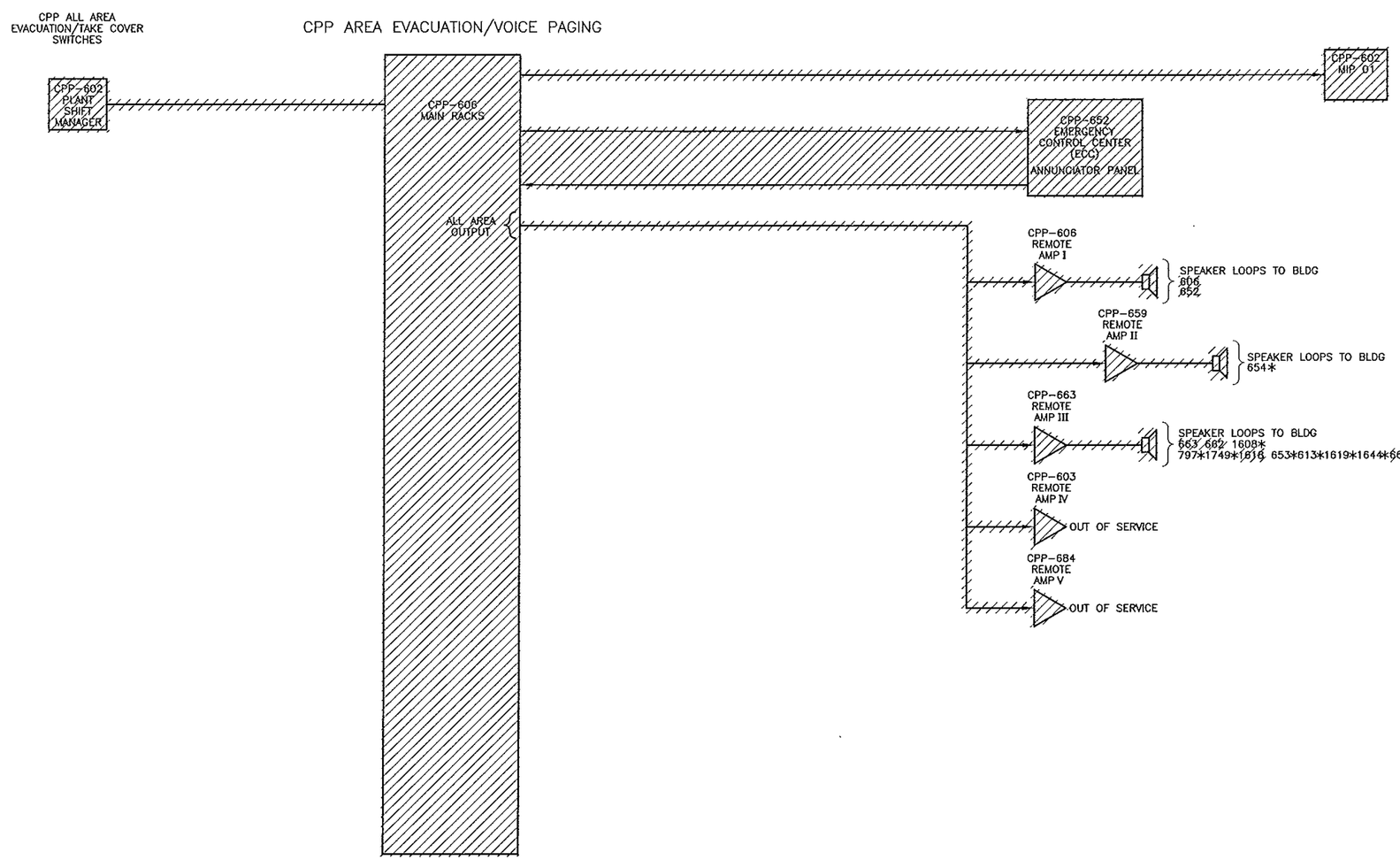
Date: 02/26/98 - 8:19 AM Layout Name: 03
ID: MXU



RDM LOOPS BLOCK DIAGRAM



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: C. MACE		
TECHNICAL CHECK: EGS	-	
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODLY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

REMOTE AMP VOICE PAGING/EVACUATION SYSTEM BLOCK DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DISC
200	0900	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-2

MADE FROM DRAWING 427723

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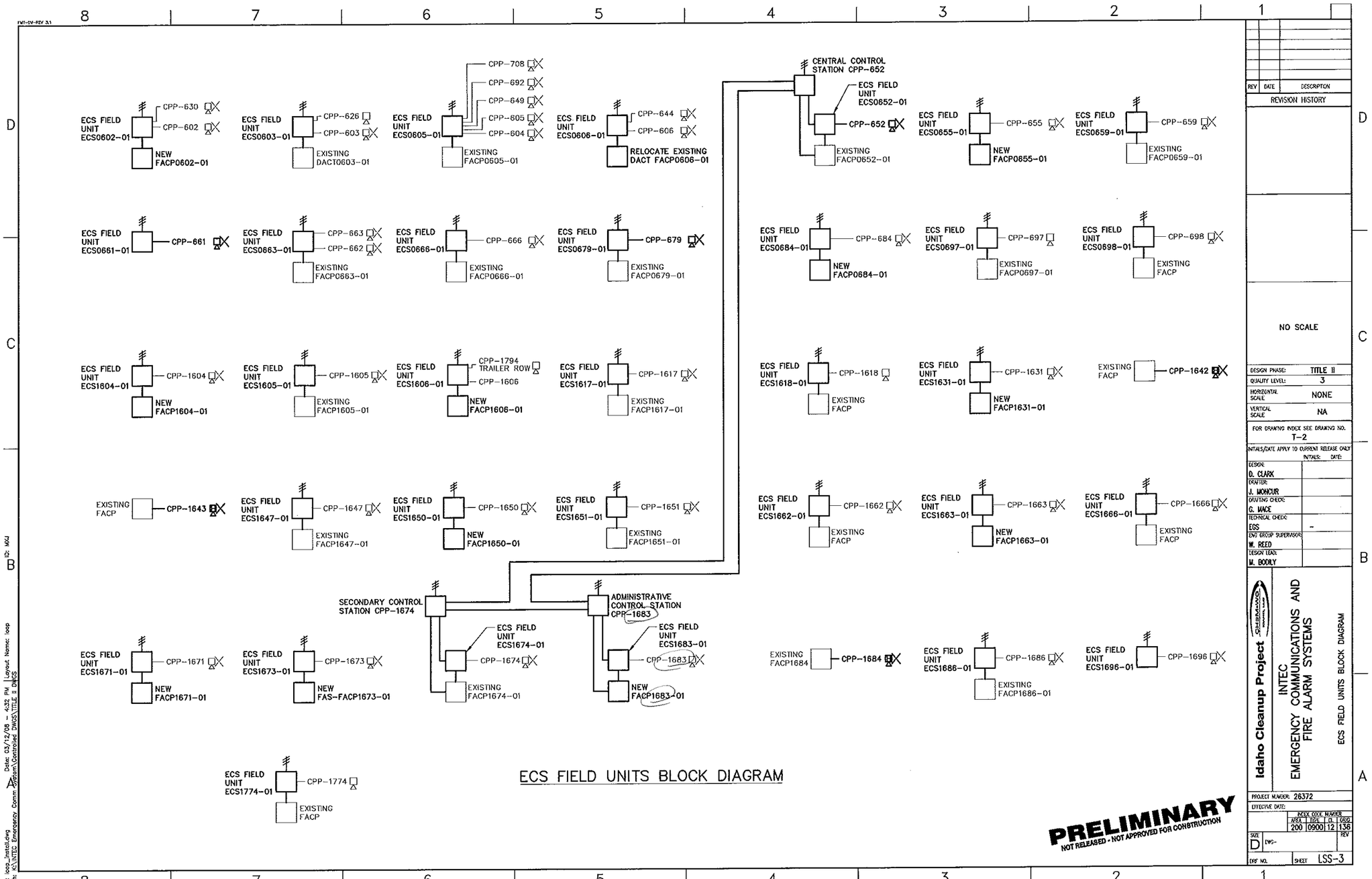
Date: 03/25/03 - 7:12 AM | Layout Name: Model
ID: PENCRT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CPP-630
CPP-602
NEW FACP0602-01
ECS FIELD UNIT ECS0603-01
CPP-626
CPP-603
EXISTING DACT0603-01
ECS FIELD UNIT ECS0605-01
CPP-708
CPP-692
CPP-649
CPP-605
CPP-604
EXISTING FACP0605-01
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CPP-644
CPP-606
RELOCATE EXISTING DACT FACP0606-01
CENTRAL CONTROL STATION CPP-652
ECS FIELD UNIT ECS0652-01
CPP-652
EXISTING FACP0652-01
ECS FIELD UNIT ECS0655-01
CPP-655
NEW FACP0655-01
ECS FIELD UNIT ECS0659-01
CPP-659
EXISTING FACP0659-01
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CPP-661
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ECS FIELD UNIT ECS1605-01
CPP-1605
EXISTING FACP1605-01
ECS FIELD UNIT ECS1606-01
CPP-1794 TRAILER ROW
CPP-1606
NEW FACP1606-01
ECS FIELD UNIT ECS1617-01
CPP-1617
EXISTING FACP1617-01
ECS FIELD UNIT ECS1618-01
CPP-1618
EXISTING FACP
ECS FIELD UNIT ECS1631-01
CPP-1631
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EXISTING FACP
CPP-1642
EXISTING FACP
CPP-1643
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CPP-1647
EXISTING FACP1647-01
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CPP-1650
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CPP-1651
EXISTING FACP1651-01
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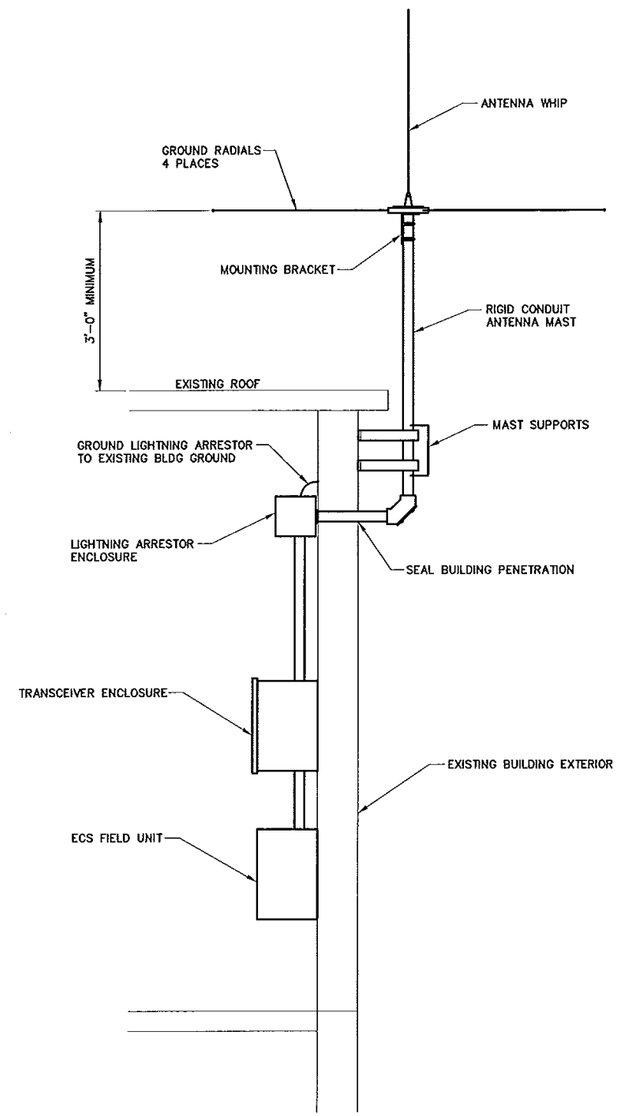
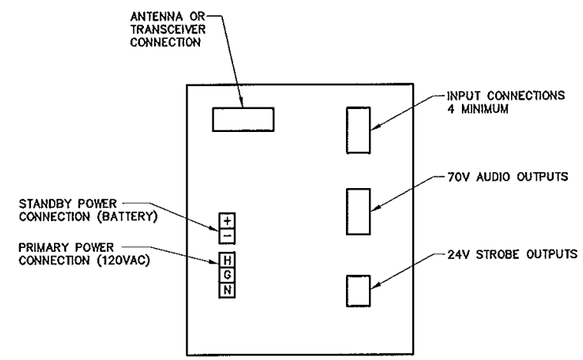
CPP-1662
EXISTING FACP
ECS FIELD UNIT ECS1663-01
CPP-1663
NEW FACP1663-01
ECS FIELD UNIT ECS1666-01
CPP-1666
EXISTING FACP
SECONDARY CONTROL STATION CPP-1674
ADMINISTRATIVE CONTROL STATION CPP-1683
ECS FIELD UNIT ECS1674-01
CPP-1674
EXISTING FACP1674-01
ECS FIELD UNIT ECS1683-01
CPP-1683
NEW FACP1683-01
ECS FIELD UNIT ECS1671-01
CPP-1671
NEW FACP1671-01
ECS FIELD UNIT ECS1673-01
CPP-1673
NEW FAS-FACP1673-01
EXISTING FACP1684
CPP-1684
ECS FIELD UNIT ECS1686-01
CPP-1686
EXISTING FACP1686-01
ECS FIELD UNIT ECS1696-01
CPP-1696
ECS FIELD UNIT ECS1774-01
CPP-1774
EXISTING FACP
ECS FIELD UNITS BLOCK DIAGRAM
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: J. MONCUR
DRAWING CHECK: G. HAGE
TECHNICAL CHECK: EGS -
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOOLY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
ECS FIELD UNITS BLOCK DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA PROJ. G. LEVEL
200 0900 12 136
SIZE D DWG- REV
DRF NO. SHEET LSS-3



TYPICAL ANTENNA DETAIL



TYPICAL ECS FIELD UNIT DETAIL

NOTES

1. ANTENNA LOCATION AND HEIGHT TO BE DETERMINED BY INSTALLING SUBCONTRACTOR IN ACCORDANCE WITH MANUFACTURER'S CRITERIA.
2. ANTENNA INSTALLATION, MOUNTING AND CONNECTION TO OTHER EQUIPMENT SHALL BE PERFORMED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS AND DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOBY		

Idaho Cleanup Project
CH2MHILL BECHTEL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

TYPICAL ANTENNA AND ECS FIELD UNIT DETAILS

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	Q	DISC
200	0400	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-4

File: antenna.dwg
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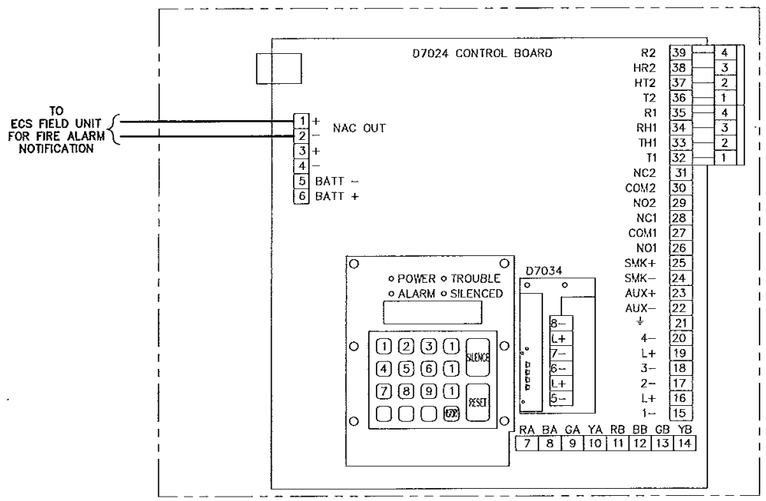
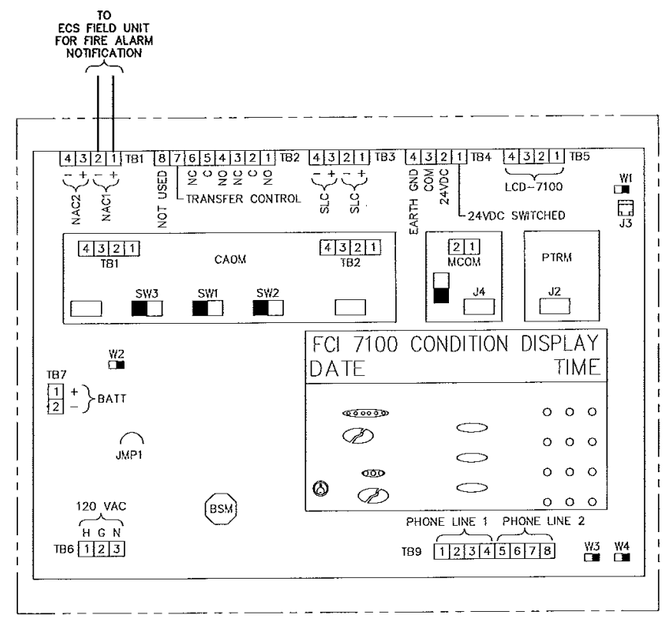
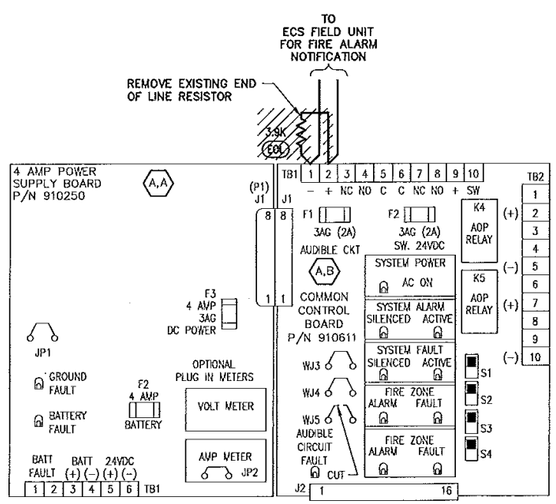
Date: 03/12/08 - 3:49 PM Layout Name: Layout1
ID: MGJ



TYPICAL D7024 CONNECTION DETAIL



TYPICAL FCI 7100 CONNECTION DETAIL



TYPICAL FIREQUEST (FQ) 200 CONNECTION DETAIL

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T–2

INITIALS AND DATE APPLY TO CURRENT RELEASE ONLY

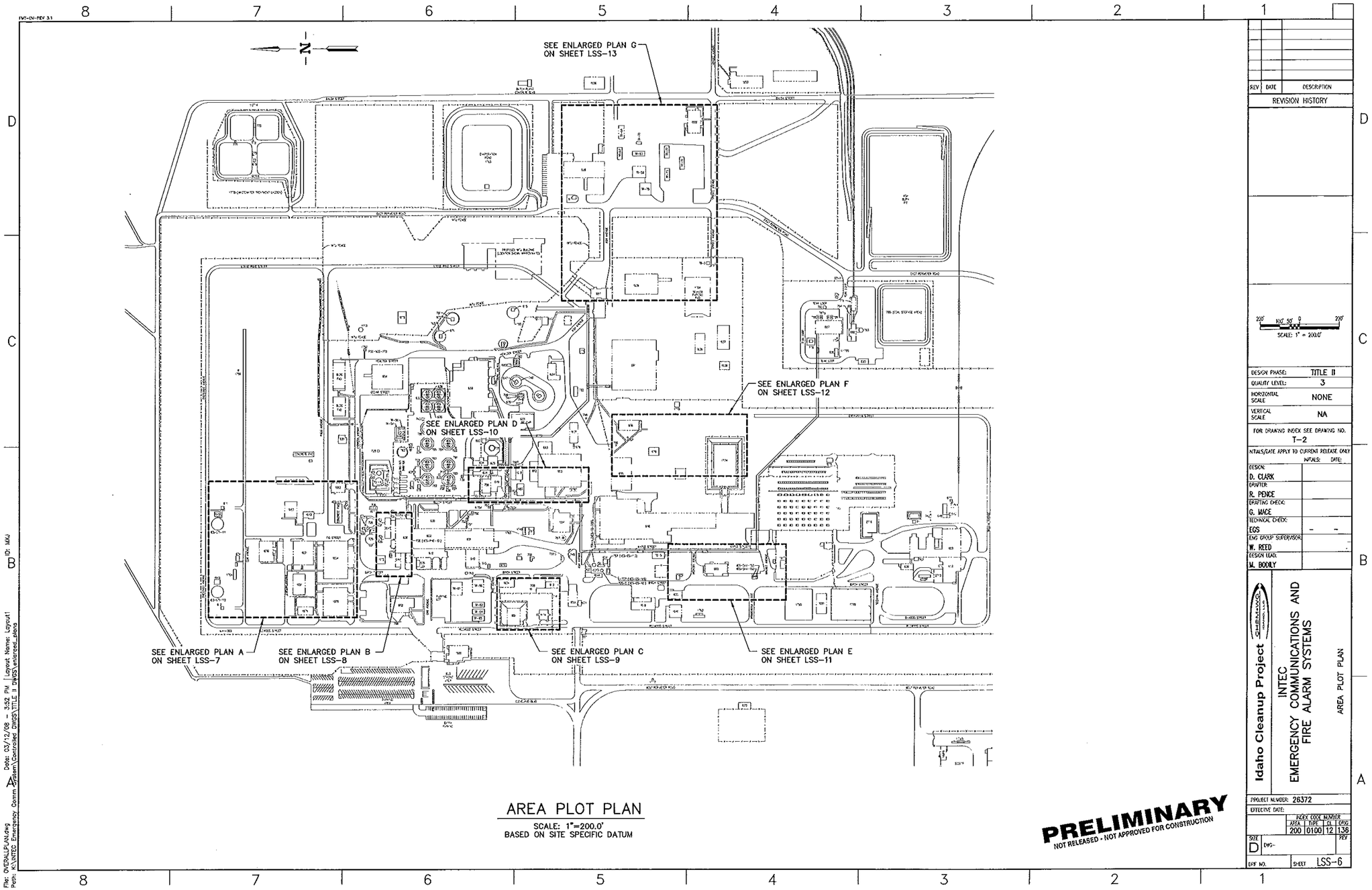
	INITIALS	DATE
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: ECS	–	–
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: W. BOOLY		

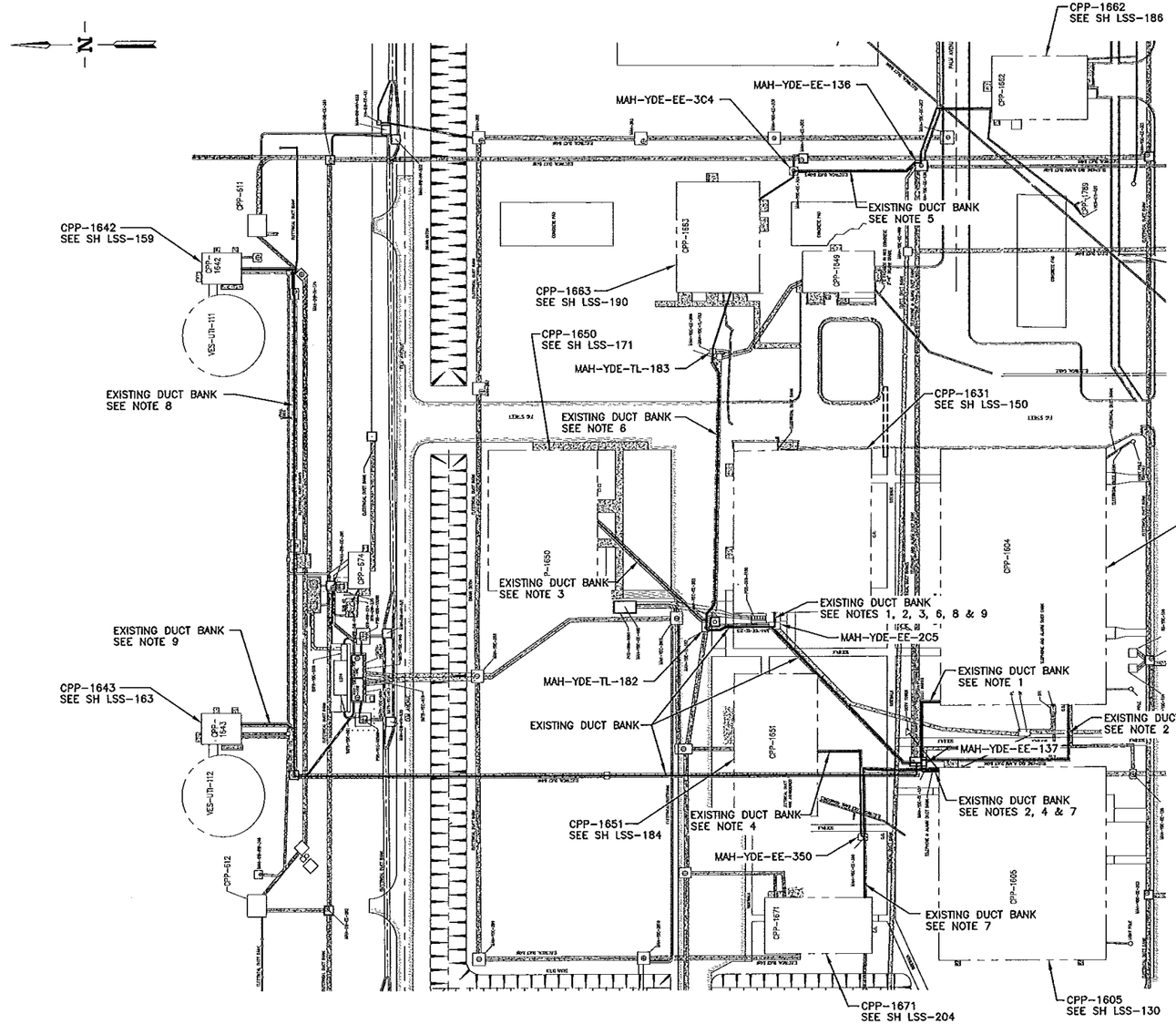
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
TYPICAL FACP CONNECTION DETAILS

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	LOC	DWG
200		12	136

SIZE D DWG– REV
DRF NO. SHEET LSS–5


SEE ENLARGED PLAN G ON SHEET LSS-13
SEE ENLARGED PLAN F ON SHEET LSS-12
SEE ENLARGED PLAN D ON SHEET LSS-10
SEE ENLARGED PLAN A ON SHEET LSS-7
SEE ENLARGED PLAN B ON SHEET LSS-8
SEE ENLARGED PLAN C ON SHEET LSS-9
SEE ENLARGED PLAN E ON SHEET LSS-11
AREA PLOT PLAN
SCALE: 1"=200.0'
BASED ON SITE SPECIFIC DATUM
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REVISION HISTORY
SCALE: 1" = 200.0'
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NONE
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
AREA PLOT PLAN
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA 200 TYPE 0100 CL 12 ORIG 136
SIZE D
DWG-
REV
DFF NO.
SHEET LSS-6



ENLARGED PLAN A

NOTES

1. REMOVE TSP CABLES FROM PB-ENS-1604-01 IN CPP-1604 TO RDM-17 IN CPP-1631.
2. REMOVE TSP CABLES FROM JA1604-01 IN CPP-1604 TO JA1631-02 IN CPP-1631 AND JA1605-01 IN CPP-1605.
3. REMOVE TSP CABLES FROM JA1631-01, JA1631-02 AND JA1631-05 IN CPP-1631 TO JA1650-01 AND JA1650-02 IN CPP-1650.
4. REMOVE TSP CABLES FROM JT1651-01 IN CPP-1651 TO RDM-19 IN CPP-1605.
5. REMOVE TSP CABLES FROM JA-YDE-1662-02 AND JA-YDE-1662-03 IN CPP-1662 TO JA-YDE-1663-02 AND JA-YDE-1663-03 IN CPP-1663.
6. REMOVE TSP CABLES FROM SPEAKERS ECS-YDE-1663-1 AND 21, FROM STROBES VI-YDE-1663-1 AND FROM JA-YDE-1663-02 AND 03 IN CPP-1663 TO JA1631-01 IN CPP-1631.
7. REMOVE TSP CABLES FROM JT1671-01 IN CPP-1671 TO RDM-19 IN CPP-1605.
8. REMOVE TSP CABLES FROM JA1642-01 IN CPP1642 TO JA1643-01 IN CPP-1643 AND TO JA1631-05 IN CPP-1631.
9. REMOVE TSP CABLES FROM JA1643-01 IN CPP-1643 TO JA1631-05 IN CPP-1631.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1" = 40.0'

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	1"=40.0'
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODLY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

ENLARGED PLAN A

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DRWG
200	0100	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-7

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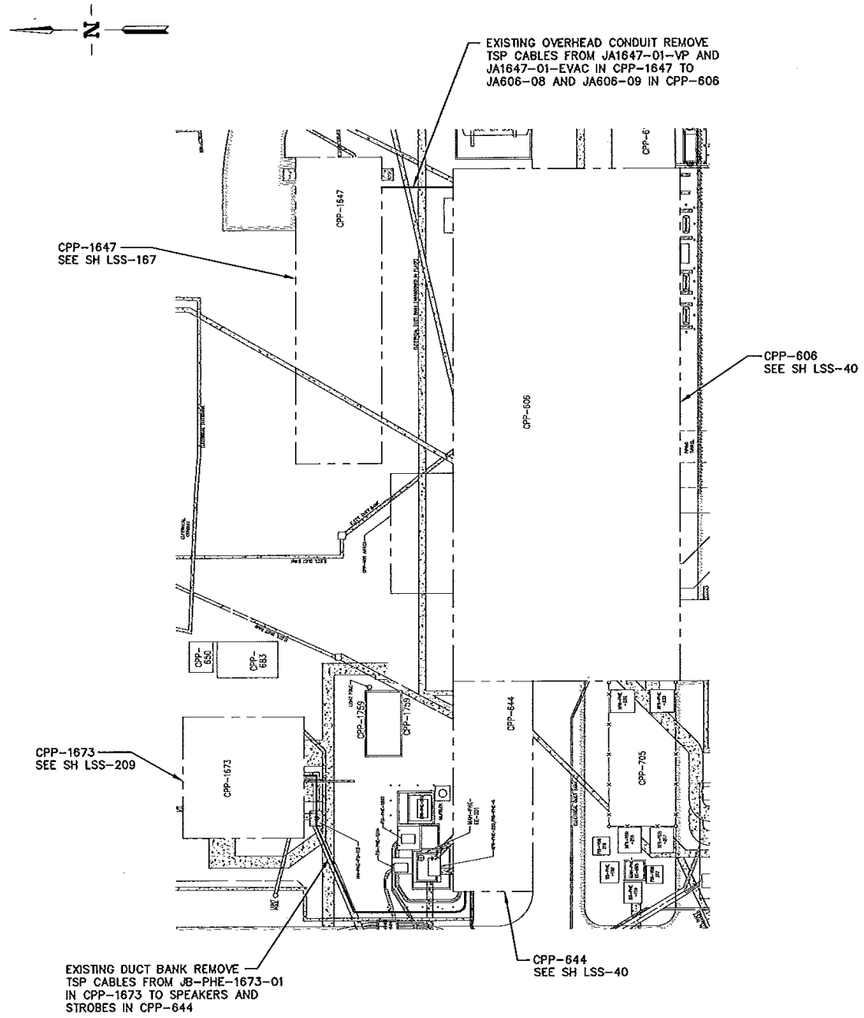

ENLARGED PLAN B

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1" = 20.0'

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	1"=20.0'
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS	DATE
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOLY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

ENLARGED PLAN B

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DESG
200	0100	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-8

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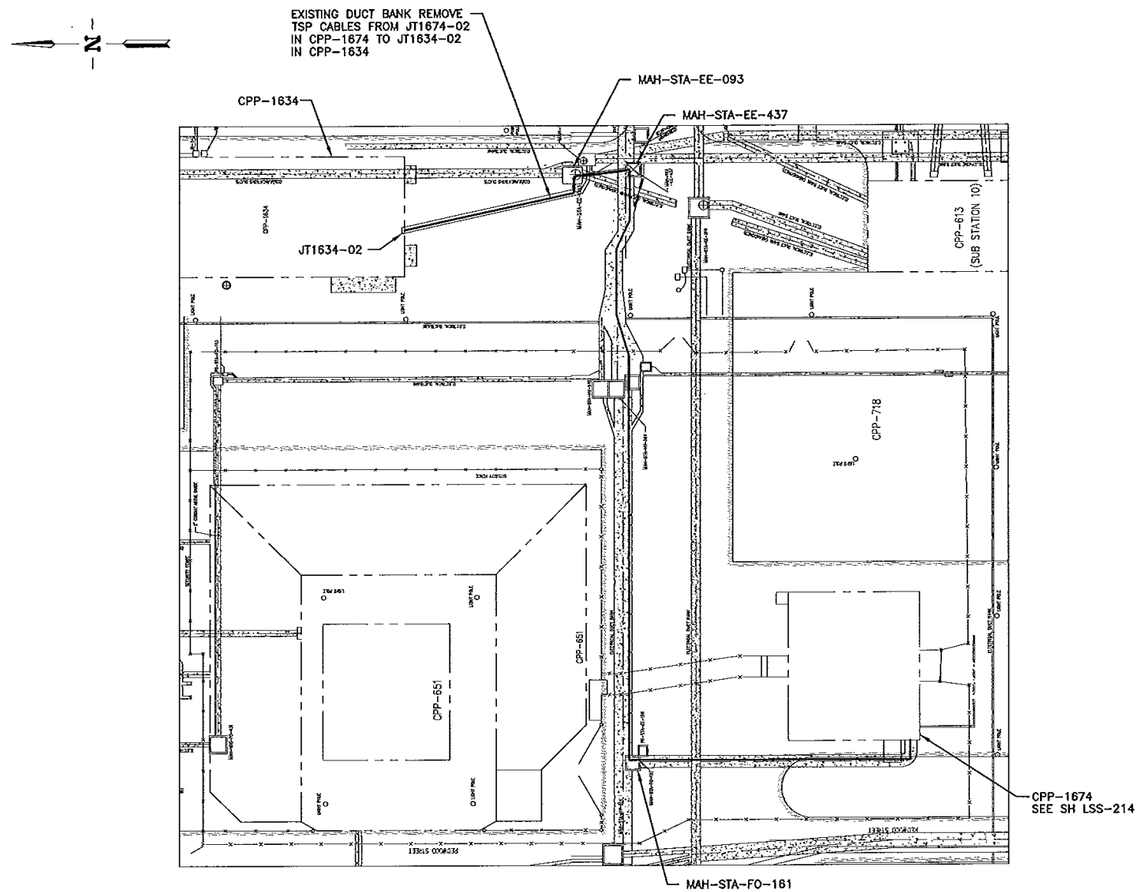

ENLARGED PLAN C

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1" = 20.0'

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE:	1"=20.0'
VERTICAL SCALE:	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WAGE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: W. BOORLY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

ENLARGED PLAN C

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	GROUP
200	0100	12	138

SIZE: D DWG- REV

DRF NO. SHEET LSS-9

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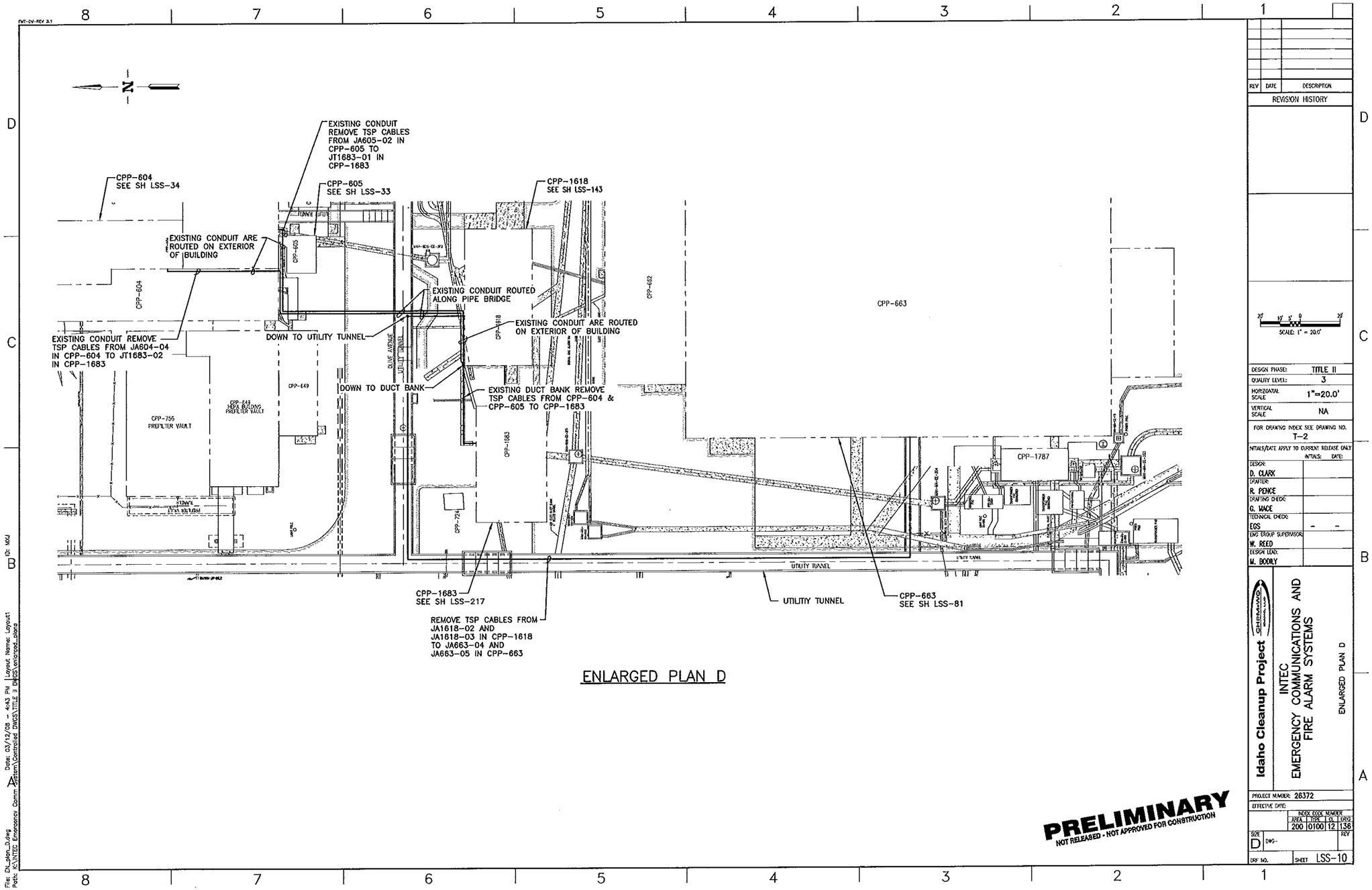

ENLARGED PLAN D

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1" = 20.0'

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	1"=20.0'
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOORLY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

ENLARGED PLAN D

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX DOCK NUMBER			
AREA	TYPE	CL	DRQ
200	0100	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-10

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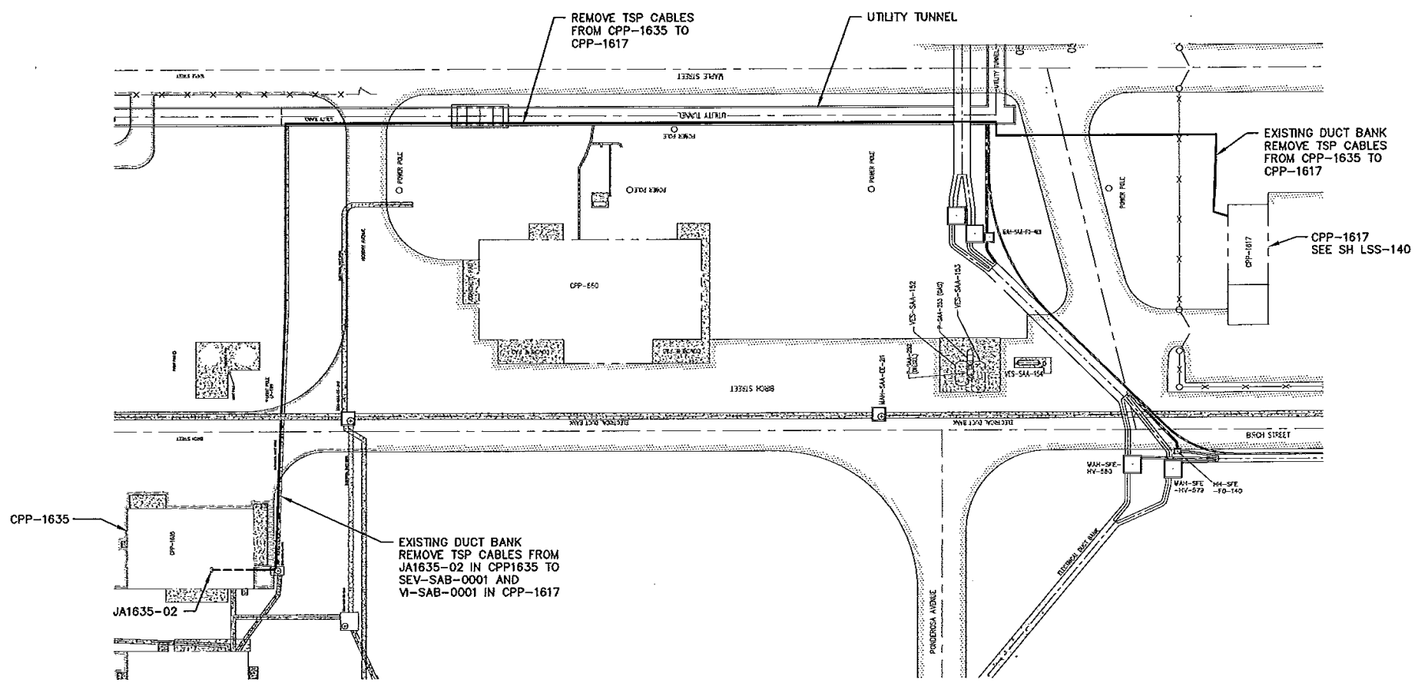

ENLARGED PLAN E

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1" = 30.0'

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	1"=30.0'
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: ECS	-	-
EWG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOBLY		

Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
ENLARGED PLAN E

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DRG
200	0100	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-11

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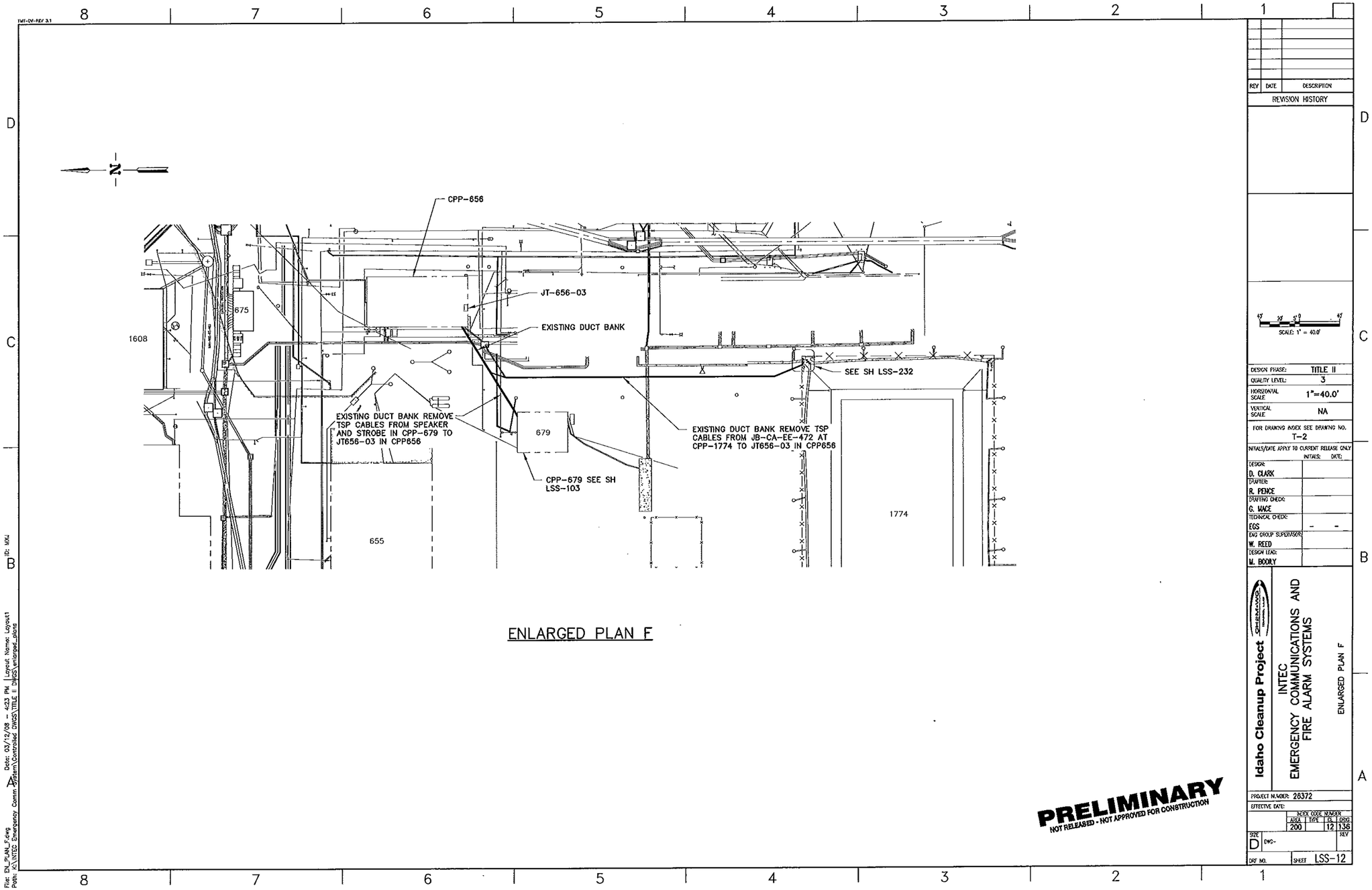
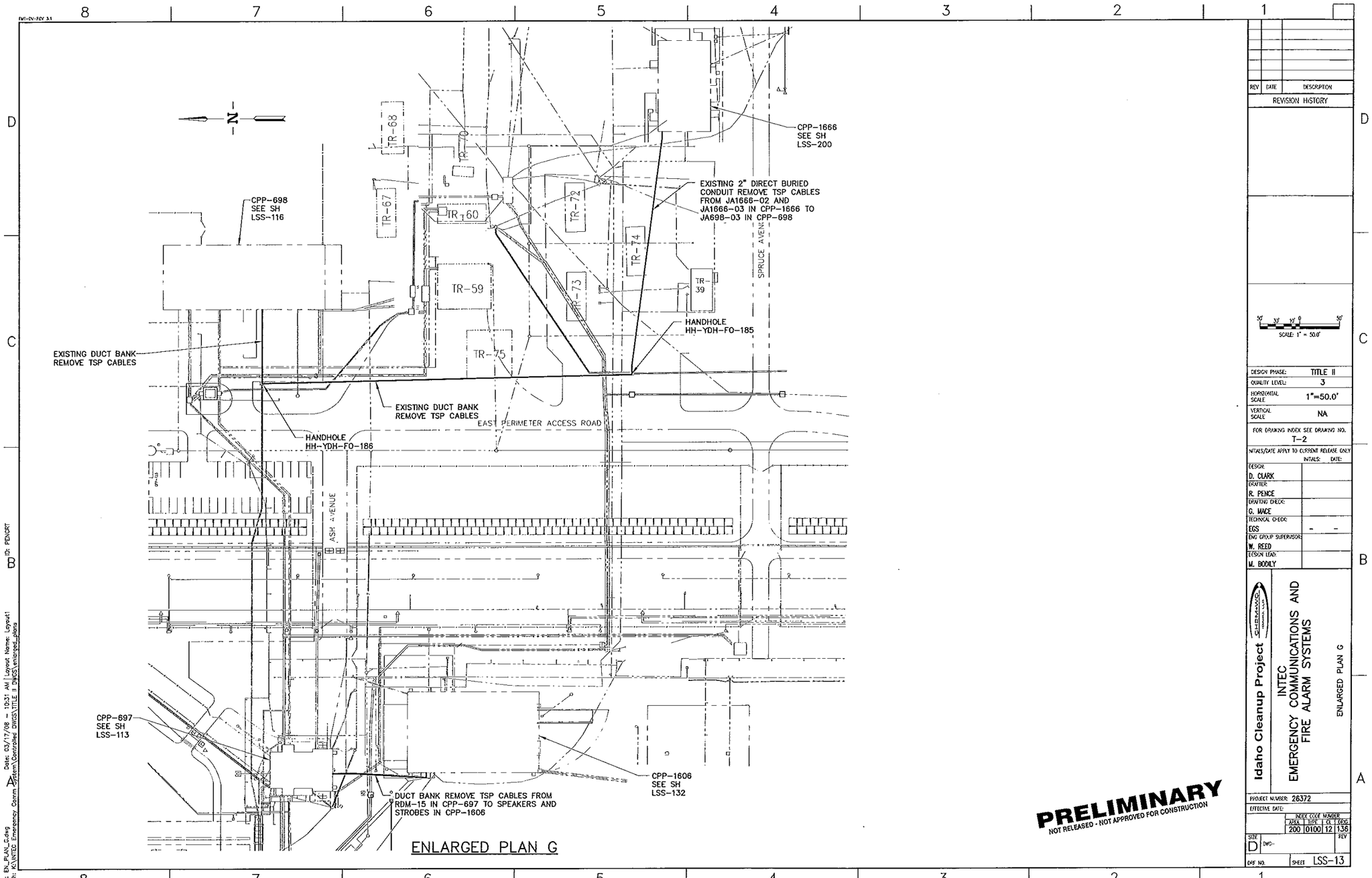
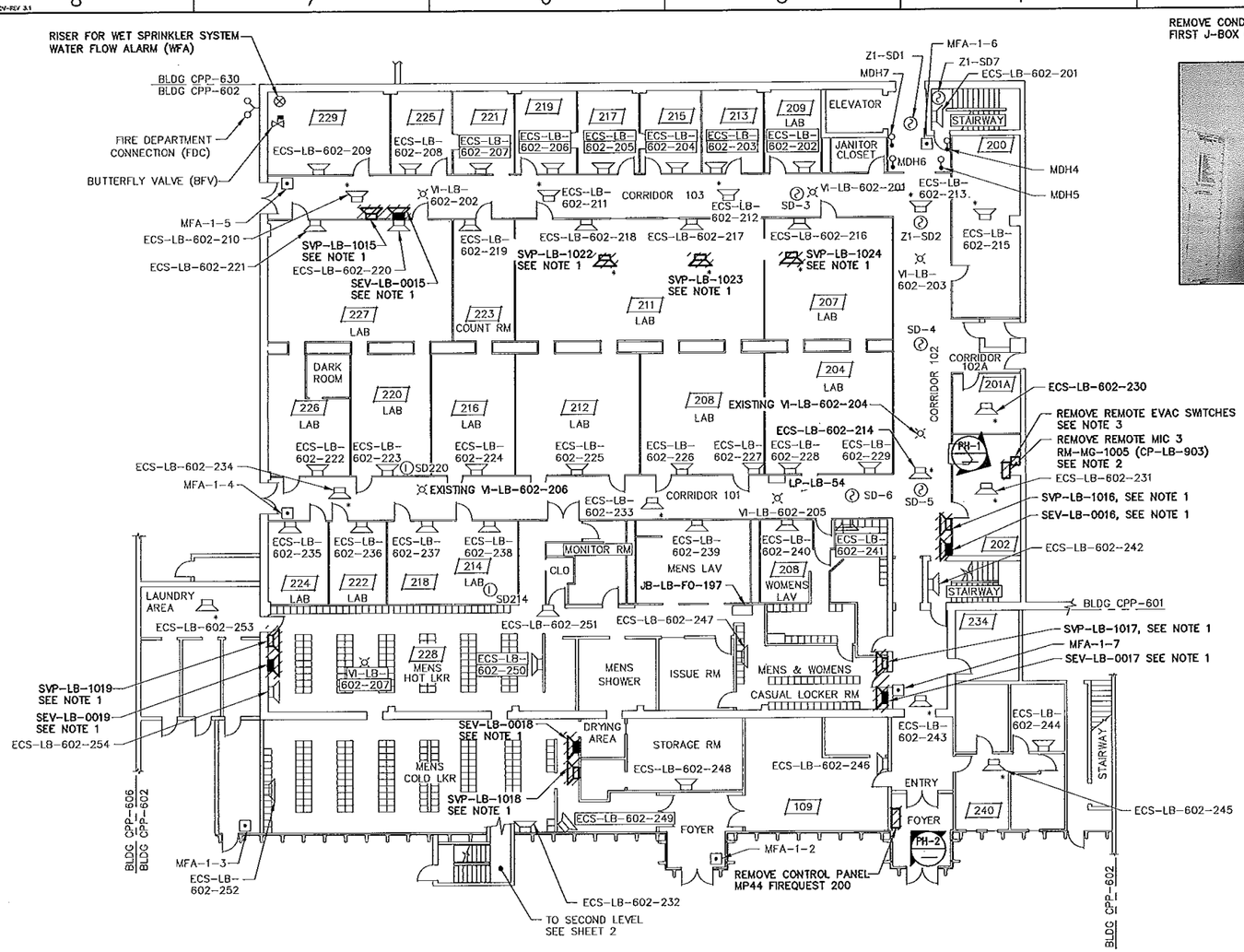
ID: MXJ


CPP-656
JT-656-03
EXISTING DUCT BANK
675
1608
SEE SH LSS-232
EXISTING DUCT BANK REMOVE TSP CABLES FROM SPEAKER AND STROBE IN CPP-679 TO JT656-03 IN CPP656
679
EXISTING DUCT BANK REMOVE TSP CABLES FROM JB-CA-EE-472 AT CPP-1774 TO JT656-03 IN CPP656
CPP-679 SEE SH LSS-103
1774
655
ENLARGED PLAN F
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV DATE DESCRIPTION
REVISION HISTORY
SCALE: 1" = 40.0'
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: 1"=40.0'
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOOILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
ENLARGED PLAN F
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL ORIG
200 12 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-12


N
TR-68
TR-70
TR-67
TR-60
TR-72
TR-74
TR-59
TR-73
TR-39
TR-75
CPP-1666
SEE SH
LSS-200
EXISTING 2" DIRECT BURIED
CONDUIT REMOVE TSP CABLES
FROM JA1666-02 AND
JA1666-03 IN CPP-1666 TO
JA698-03 IN CPP-698
CPP-698
SEE SH
LSS-116
SPRUCE AVENUE
HANDHOLE
HH-YDH-FO-185
EXISTING DUCT BANK
REMOVE TSP CABLES
EXISTING DUCT BANK
REMOVE TSP CABLES
EAST PERIMETER ACCESS ROAD
HANDHOLE
HH-YDH-FO-186
ASH AVENUE
CPP-697
SEE SH
LSS-113
CPP-1606
SEE SH
LSS-132
DUCT BANK REMOVE TSP CABLES FROM
RDM-15 IN CPP-697 TO SPEAKERS AND
STROBES IN CPP-1606
ENLARGED PLAN G
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV DATE DESCRIPTION
REVISION HISTORY
SCALE: 1" = 50.0'
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE 1"=50.0'
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MAGE
TECHNICAL CHECK: ECS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
ENLARGED PLAN G
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL DESC
200 0100 12 136
SIZE D
DWG-
REV
DSF NO.
SHEET LSS-13
File: EN_PLAN_G.dwg
Path: K:\INTEC Emergency Comm System\Controls\ec DWGS\TITLE II DWGS\enlarged_plans
Date: 03/17/08 - 10:51 AM | Layout Name: Layout1
ID: PENCRT



CPP-602 FIRST FLOOR PLAN
SCALE 3/32"=1'-0"

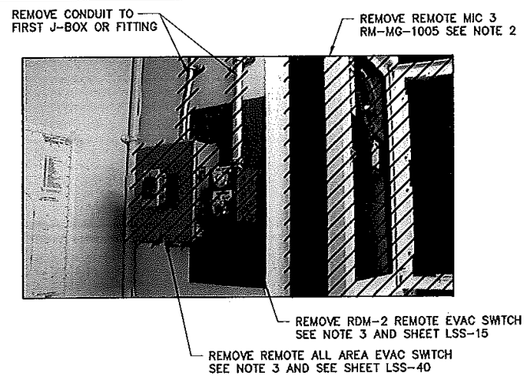


PHOTO PH-1

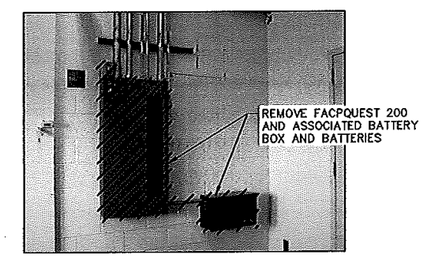
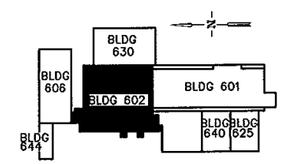


PHOTO PH-2



KEY PLAN

NOTES

1. REMOVE SEV AND SVP SPEAKERS AND CONDUCTORS BACK TO THE EVACUATIOIN AND VOICE PAGING MAIN RACKS IN CPP-606. SEE SHEET LSS-40.
2. REMOVE RM-MG-1005 AND ASSOCIATED CONDUIT TO FIRST J-BOX OR FITTING REMOVE FIBER OPTIC CABLE BACK TO JB-LB-FO-197. REMOVE POWER CONDUCTORS BACK TO LP-LB-54.
3. REMOVE REMOTE EVAC SWITCHES AND CONDUCTORS BACK TO RDM-2 IN CPP-602 SECOND FLOOR ROOM 330 AND TO THE EVACUATION MAIN RACK IN CPP-606. SEE SHEET LSS-40

7601

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/32" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOBY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-602 FIRST FLOOR PLAN AND PHOTOS

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	0602	12	136

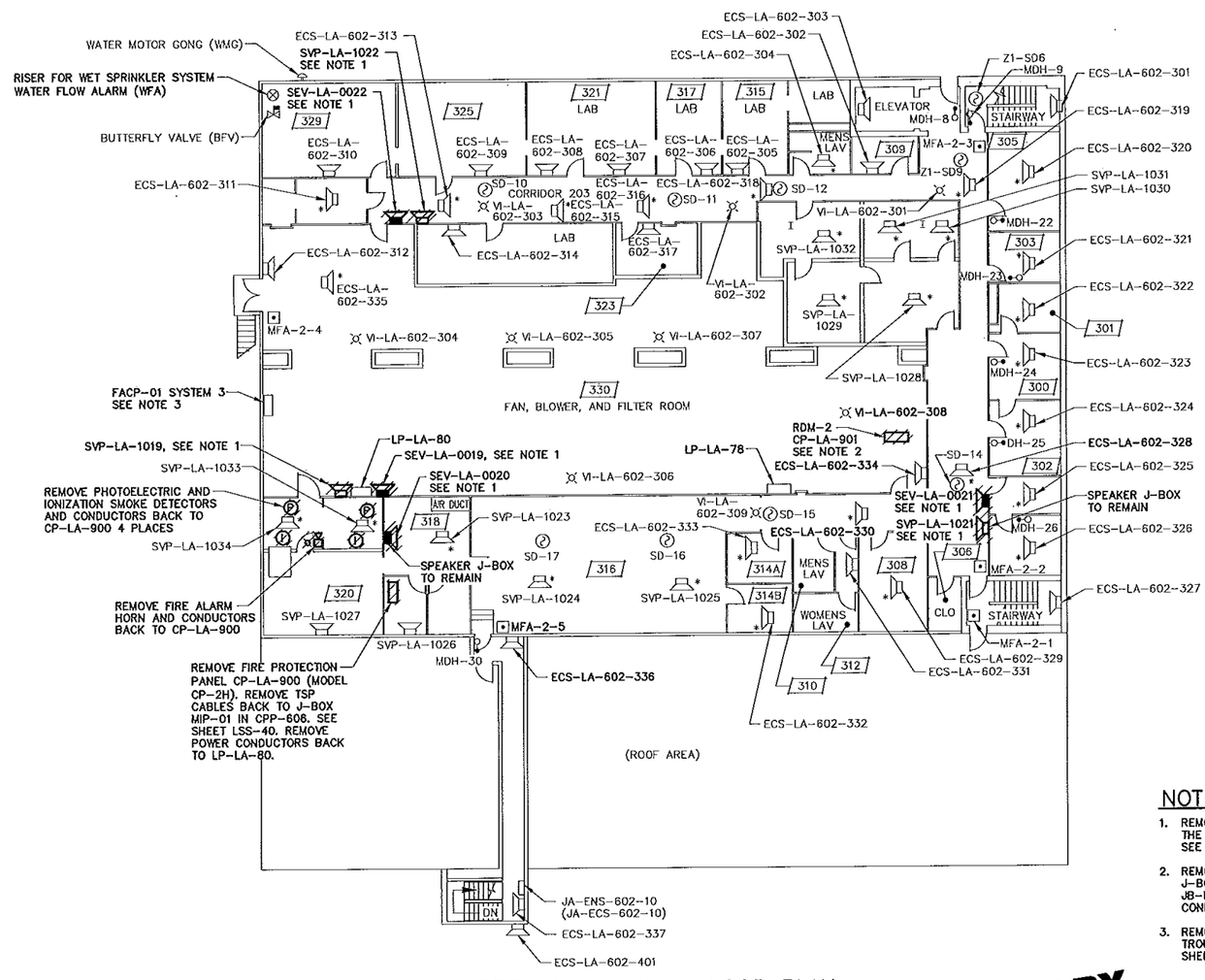
SIZE D DWG- REV

DRF NO. SHEET LSS-14

LSS-7161

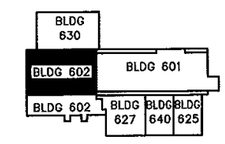
MADE FROM DWG 427724 SHEET 1 AND 425011 SHEET 2

File: C602ECPLBEMO.dwg Date: 03/12/08 - 4:58 PM Layout Name: 1ST FLOOR
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0602



CPP-602 SECOND FLOOR PLAN

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION



KEY PLAN
SCALE: NTS

NOTES

1. REMOVE SEV AND SVP SPEAKERS AND CONDUCTORS BACK TO THE EVACUATION AND VOICE PAGING MAIN RACKS IN CPP-606 SEE SHEET LSS-40.
2. REMOVE RDM-2 AND ASSOCIATED CONDUIT BACK TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE BACK TO JB-LB-FO-197 ON CPP-602 FIRST FLOOR. REMOVE POWER CONDUTORS BACK TO LP-LA-78.
3. REMOVE EXISTNG CONDUCTORS FROM FACP-01 ALARM AND TROUBLE CONTACTS BACK TO J-BOX MIP-01 IN CPP-606. SEE SHEET LSS-40.

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/32" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	3/32"=1'-0"
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WADE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: W. BOOLY		

Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-602 SECOND FLOOR PLAN

PROJECT NUMBER: 26372
EFFECTIVE DATE:

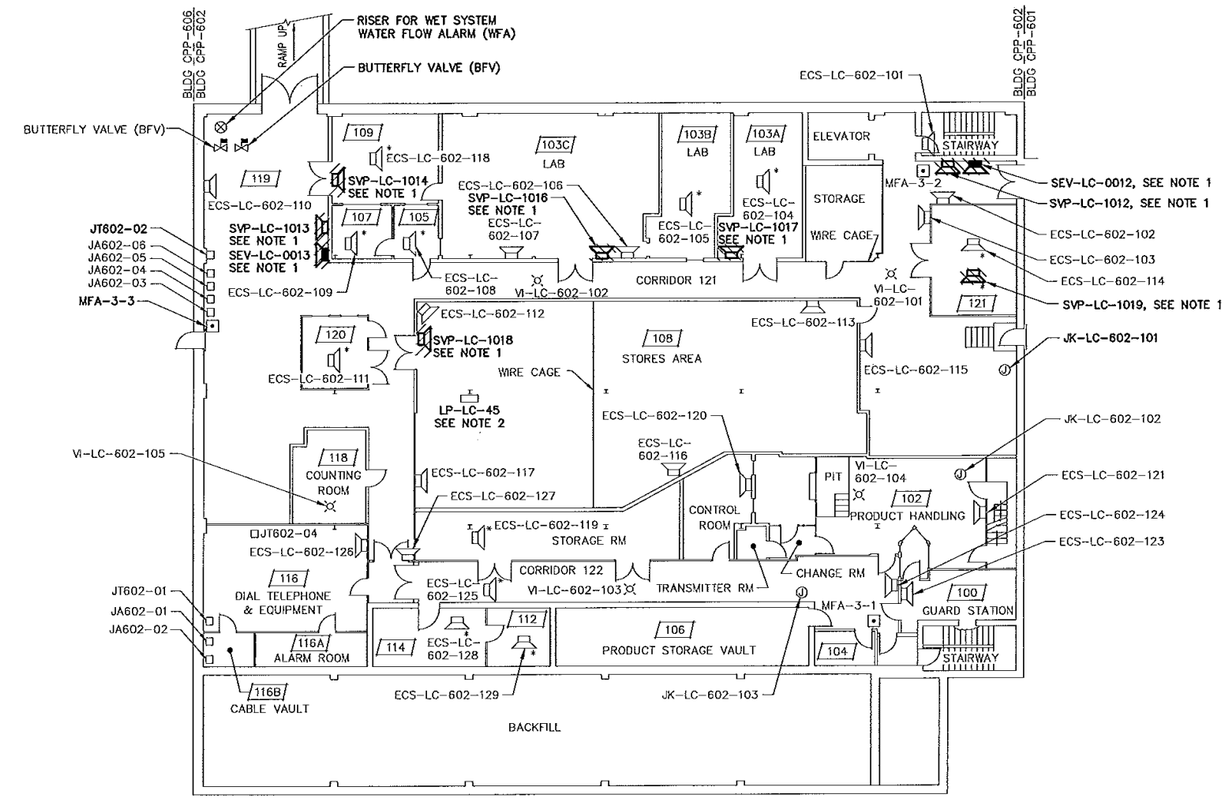
INDEX CODE NUMBER			
AREA	TYPE	CL	SEQ
200	0602	12	136

SIZE: D DWG-
REV
DRF NO. SHEET LSS-15

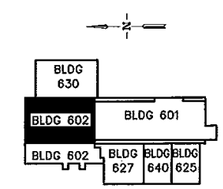
LSS-7161 2

MADE FROM DWG 427724 SHEET 2 AND 425011 SHEET 3

File: 0602EGPL23DWG.dwg Date: 03/13/08 - 8:33 AM Layout Name: 2ND FLOOR ID: MXI
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0602



CPP-602 BASEMENT FLOOR PLAN



KEY PLAN
SCALE: NTS

NOTES

1. REMOVE SEV AND SVP SPEAKERS AND CONDUCTORS BACK TO THE EVACUATION AND VOICE PAGING MAIN RACKS IN CPP-606 SEE SHEET LSS-40.
2. REMOVE POWER CONDUCTORS TO DACT-01 IN CPP-606 UTILITY TUNNEL SEE SHEET LSS-40.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION
REVISION HISTORY		

SCALE: 3/32" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	3/32"=1'-0"
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WADE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOONY		

Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-602 BASEMENT FLOOR PLAN

PROJECT NUMBER: 26372
EFFECTIVE DATE:

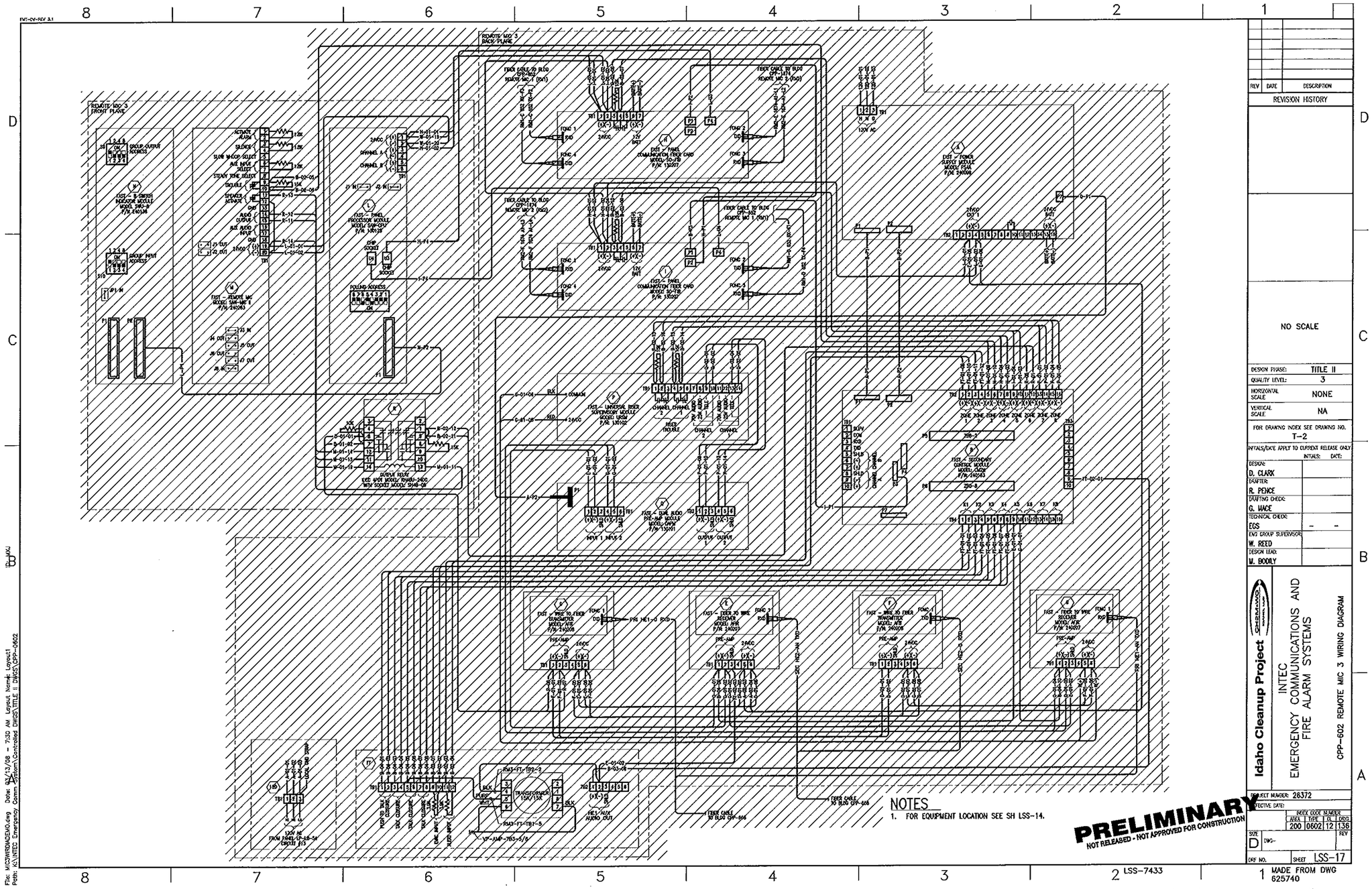
INDEX CODE NUMBER			
AREA	TYPE	CL	DISC
200	0602	12	136

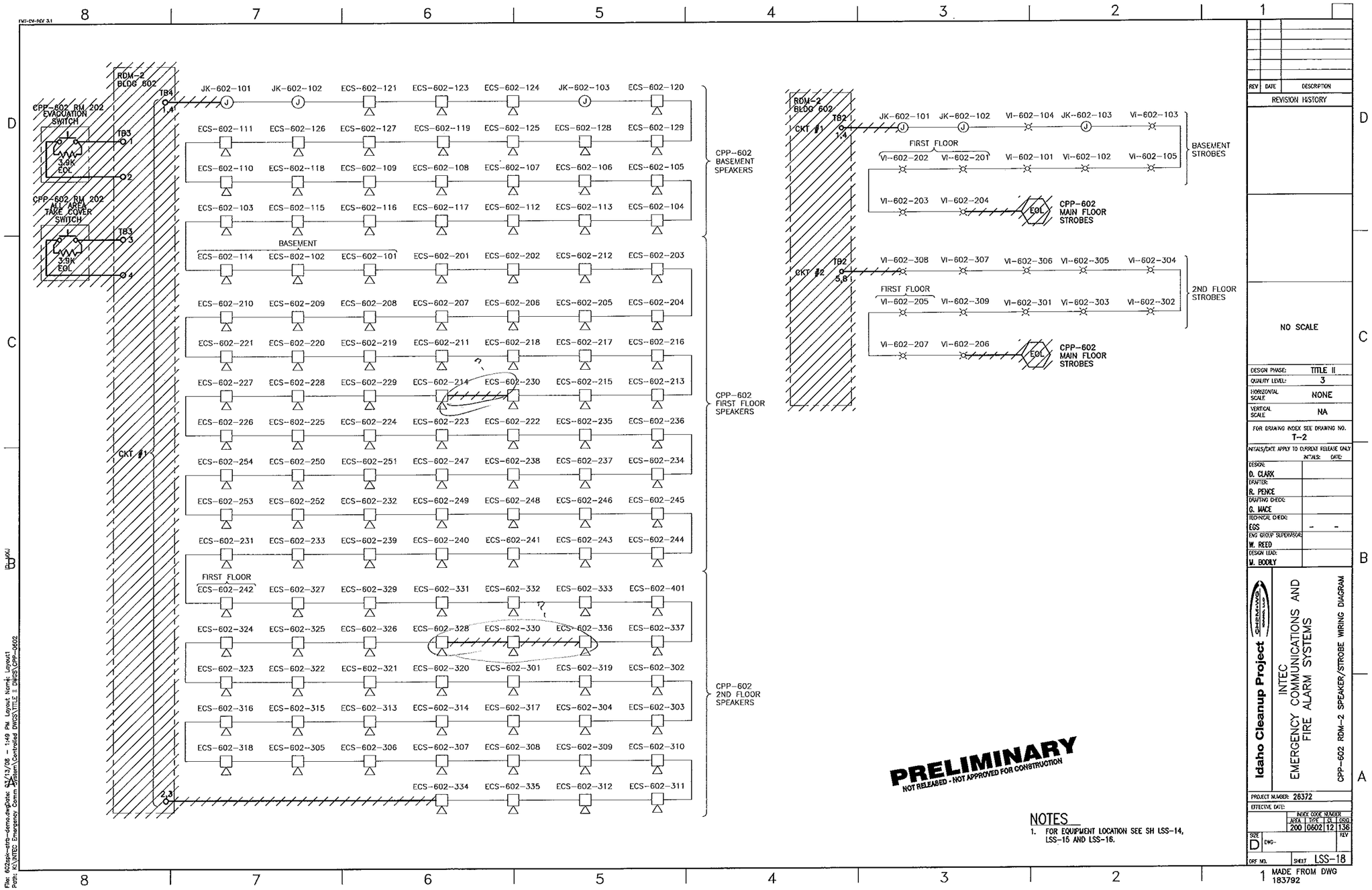
SIZE D DWG- REV

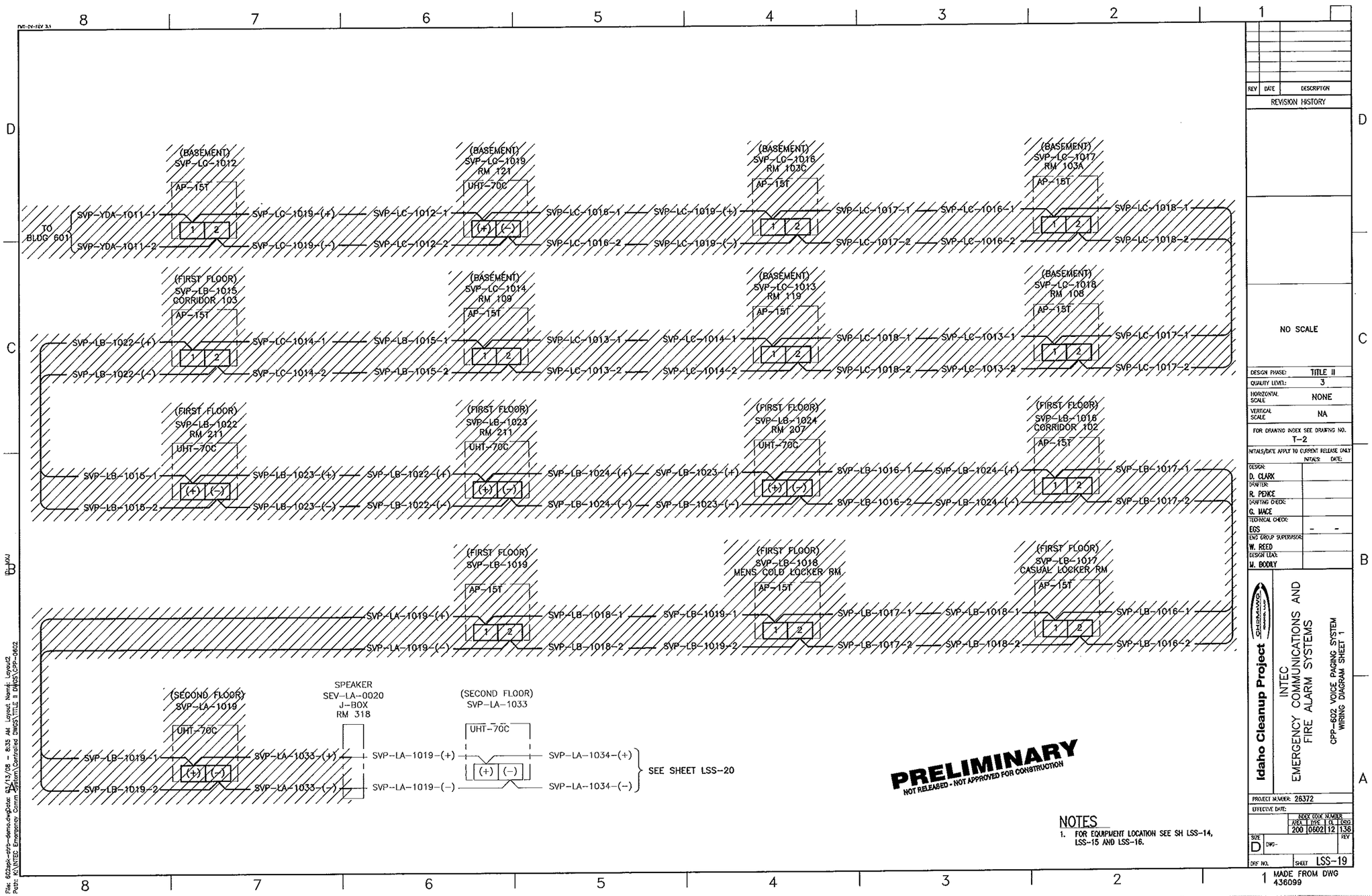
DSF NO. SHEET LSS-16

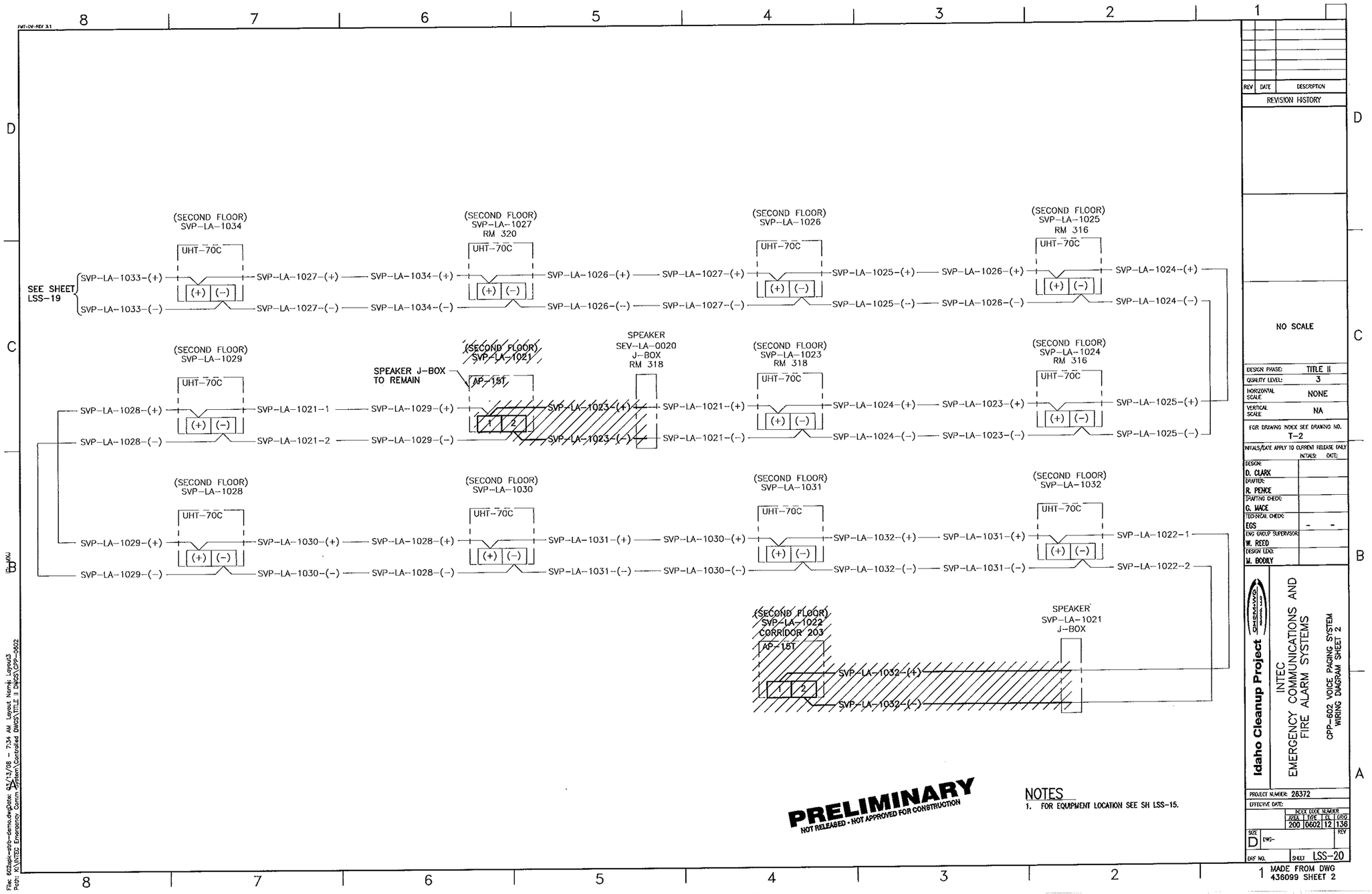
MADE FROM DWG 427724 SHEET 3 & 425011 SHEET 1

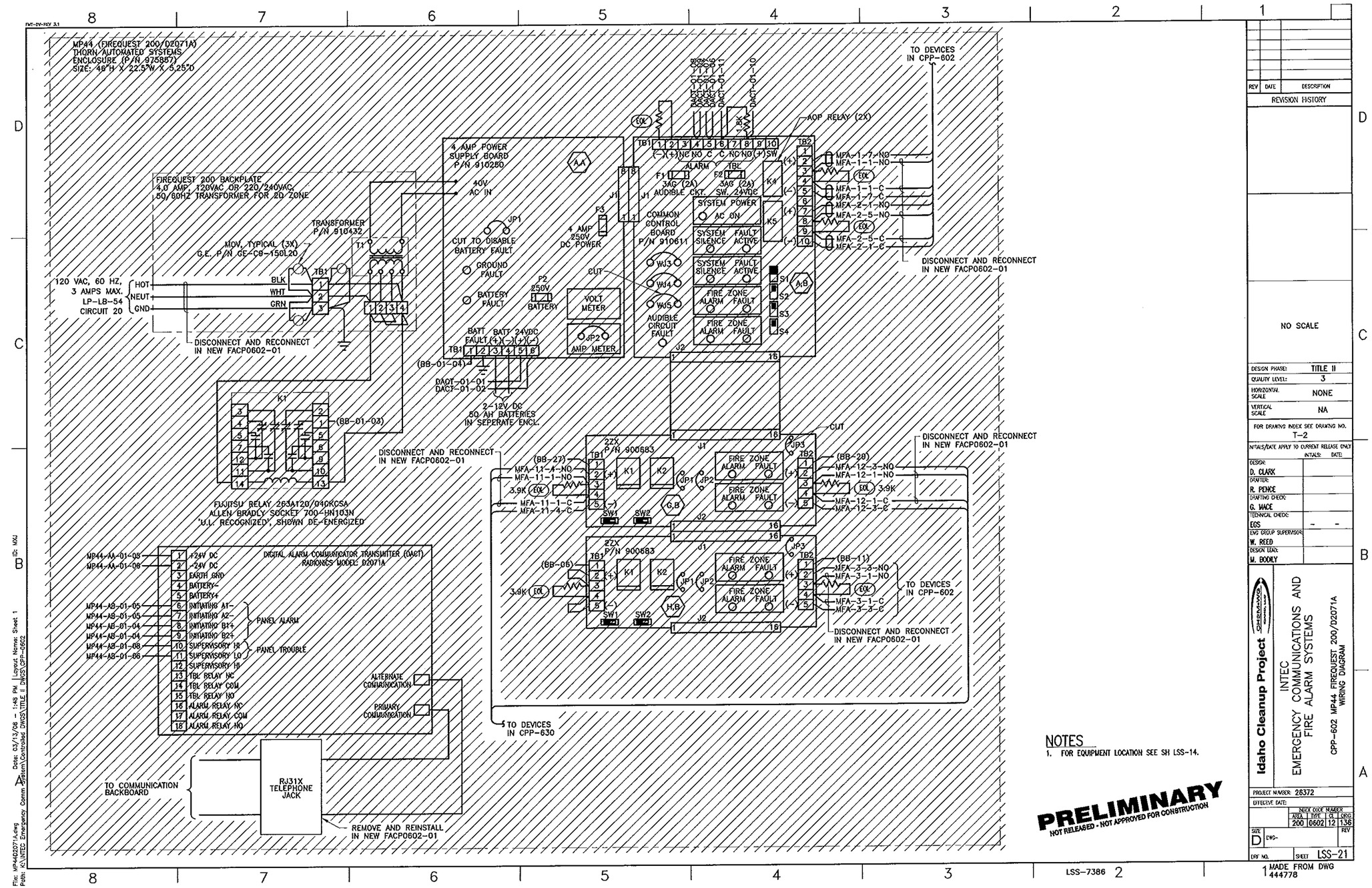
File: 0602CPP-NOWAD.dwg
Path: K:\INTEC Emergency Comm System\Completed DWGS\TITLE II DWGS\CPP-0602
Date: 03/13/08 - 7:09 AM | Layout Name: Layout1
ID: NOW

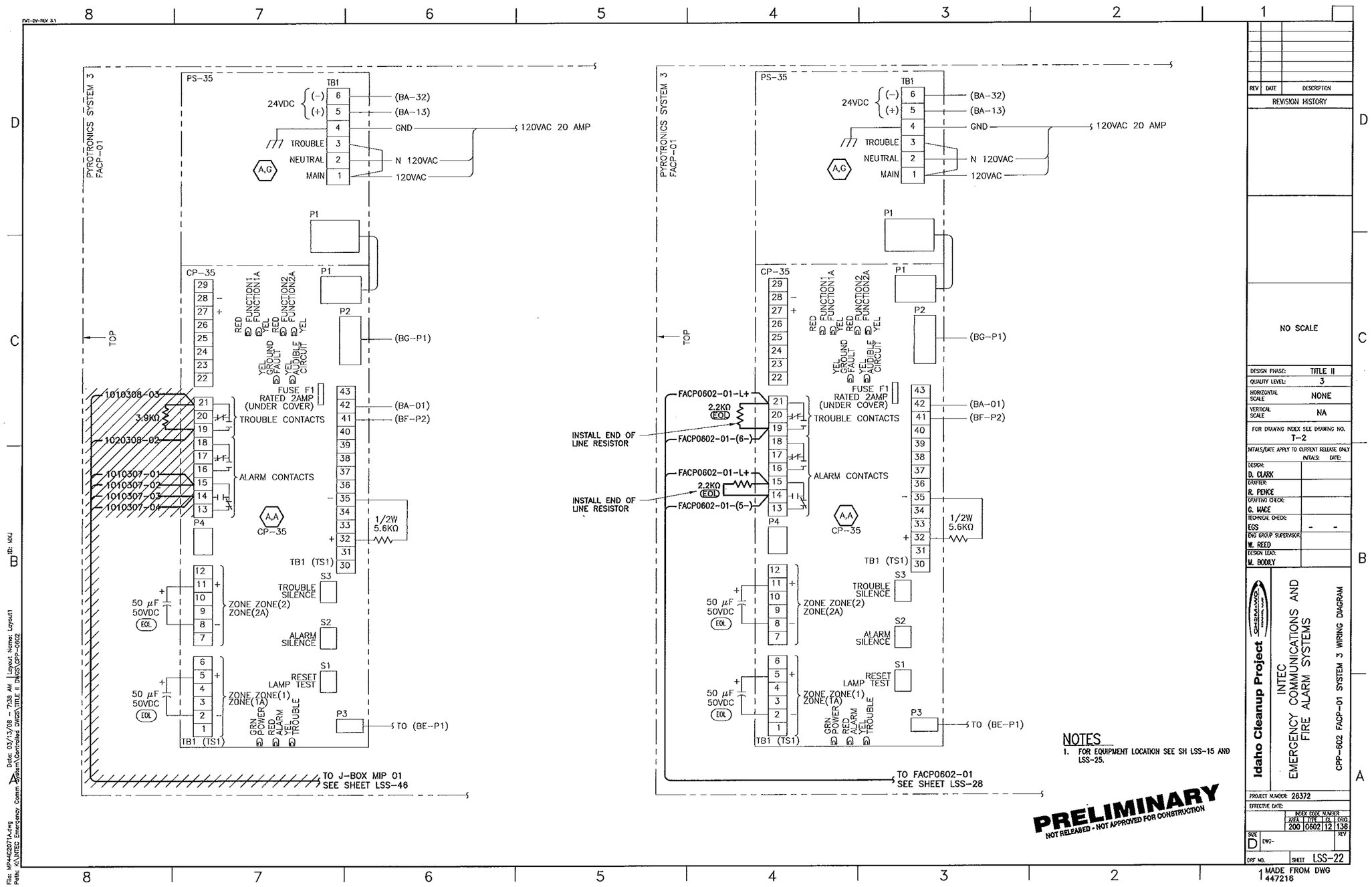

REMOTE MIC 3 FRONT PLANE
REMOTE MIC 3 BACK PLANE
NOTES
1. FOR EQUIPMENT LOCATION SEE SH LSS-14.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV
DATE
DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-602 REMOTE MIC 3 WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA 200 TYPE 0602 CL 12 DRG 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-17
LSS-7433
MADE FROM DWG 625740


RDM-2 BLDG 602
CPP-602 RM 202 EVACUATION SWITCH
CPP-602 RM 202 ALL AREA TAKE COVER SWITCH
3.9K EOL
TB3
TB4
CKT #1
CKT #2
TB2
JK-602-101
JK-602-102
JK-602-103
VI-602-101
VI-602-102
VI-602-103
VI-602-104
VI-602-105
VI-602-201
VI-602-202
VI-602-203
VI-602-204
VI-602-205
VI-602-206
VI-602-207
VI-602-301
VI-602-302
VI-602-303
VI-602-304
VI-602-305
VI-602-306
VI-602-307
VI-602-308
VI-602-309
BASEMENT
FIRST FLOOR
CPP-602 BASEMENT SPEAKERS
CPP-602 FIRST FLOOR SPEAKERS
CPP-602 2ND FLOOR SPEAKERS
BASEMENT STROBES
2ND FLOOR STROBES
CPP-602 MAIN FLOOR STROBES
EOL
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTES
1. FOR EQUIPMENT LOCATION SEE SH LSS-14, LSS-15 AND LSS-16.
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-602 RDM-2 SPEAKER/STROBE WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA 200 TYPE 0602 CL 12 DSG 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-18
MADE FROM DWG 183792


(BASEMENT) SVP-LC-1012 AP-15T
(BASEMENT) SVP-LC-1019 RM 121 UHT-70C
(BASEMENT) SVP-LC-1016 RM 103C AP-15T
(BASEMENT) SVP-LC-1017 RM 103A AP-15T
TO BLDG 601
SVP-YDA-1011-1
SVP-YDA-1011-2
SVP-LC-1019-(+)
SVP-LC-1019-(-)
SVP-LC-1012-1
SVP-LC-1012-2
SVP-LC-1016-1
SVP-LC-1016-2
SVP-LC-1017-1
SVP-LC-1017-2
SVP-LC-1018-1
SVP-LC-1018-2
(FIRST FLOOR) SVP-LB-1015 CORRIDOR 103 AP-15T
(BASEMENT) SVP-LC-1014 RM 109 AP-15T
(BASEMENT) SVP-LC-1013 RM 119 AP-15T
(BASEMENT) SVP-LC-1018 RM 108 AP-15T
SVP-LB-1022-(+)
SVP-LB-1022-(-)
SVP-LC-1014-1
SVP-LC-1014-2
SVP-LB-1015-1
SVP-LB-1015-2
SVP-LC-1013-1
SVP-LC-1013-2
SVP-LC-1014-1
SVP-LC-1014-2
SVP-LC-1018-1
SVP-LC-1018-2
SVP-LC-1013-1
SVP-LC-1013-2
SVP-LC-1017-1
SVP-LC-1017-2
(FIRST FLOOR) SVP-LB-1022 RM 211 UHT-70C
(FIRST FLOOR) SVP-LB-1023 RM 211 UHT-70C
(FIRST FLOOR) SVP-LB-1024 RM 207 UHT-70C
(FIRST FLOOR) SVP-LB-1016 CORRIDOR 102 AP-15T
SVP-LB-1015-1
SVP-LB-1015-2
SVP-LB-1023-(+)
SVP-LB-1023-(-)
SVP-LB-1022-(+)
SVP-LB-1022-(-)
SVP-LB-1024-(+)
SVP-LB-1024-(-)
SVP-LB-1023-(+)
SVP-LB-1023-(-)
SVP-LB-1016-1
SVP-LB-1016-2
SVP-LB-1024-(+)
SVP-LB-1024-(-)
SVP-LB-1017-1
SVP-LB-1017-2
(FIRST FLOOR) SVP-LB-1019 AP-15T
(FIRST FLOOR) SVP-LB-1018 MENS COLD LOCKER RM AP-15T
(FIRST FLOOR) SVP-LB-1017 CASUAL LOCKER RM AP-15T
SVP-LA-1019-(+)
SVP-LA-1019-(-)
SVP-LB-1018-1
SVP-LB-1018-2
SVP-LB-1019-1
SVP-LB-1019-2
SVP-LB-1017-1
SVP-LB-1017-2
SVP-LB-1018-1
SVP-LB-1018-2
SVP-LB-1016-1
SVP-LB-1016-2
(SECOND FLOOR) SVP-LA-1019 UHT-70C
SPEAKER SEV-LA-0020 J-BOX RM 318
(SECOND FLOOR) SVP-LA-1033 UHT-70C
SVP-LB-1019-1
SVP-LB-1019-2
SVP-LA-1033-(+)
SVP-LA-1033-(-)
SVP-LA-1019-(+)
SVP-LA-1019-(-)
SVP-LA-1034-(+)
SVP-LA-1034-(-)
SEE SHEET LSS-20
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTES
1. FOR EQUIPMENT LOCATION SEE SH LSS-14, LSS-15 AND LSS-16.
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NONE
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-602 VOICE PAGING SYSTEM WIRING DIAGRAM SHEET 1
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL DSG
200 0602 12 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-19
MADE FROM DWG 436099


(SECOND FLOOR) SVP-LA-1034
(SECOND FLOOR) SVP-LA-1027 RM 320
(SECOND FLOOR) SVP-LA-1026
(SECOND FLOOR) SVP-LA-1025 RM 316
SEE SHEET LSS-19
SVP-LA-1033-(+)
SVP-LA-1033-(-)
SVP-LA-1027-(+)
SVP-LA-1027-(-)
SVP-LA-1034-(+)
SVP-LA-1034-(-)
SVP-LA-1026-(+)
SVP-LA-1026-(-)
SVP-LA-1027-(+)
SVP-LA-1027-(-)
SVP-LA-1025-(+)
SVP-LA-1025-(-)
SVP-LA-1026-(+)
SVP-LA-1026-(-)
SVP-LA-1024-(+)
SVP-LA-1024-(-)
(SECOND FLOOR) SVP-LA-1029
(SECOND FLOOR) SVP-LA-1021
SPEAKER J-BOX TO REMAIN
AP-15T
SPEAKER SEV-LA-0020 J-BOX RM 318
(SECOND FLOOR) SVP-LA-1023 RM 318
(SECOND FLOOR) SVP-LA-1024 RM 316
SVP-LA-1028-(+)
SVP-LA-1028-(-)
SVP-LA-1021-1
SVP-LA-1021-2
SVP-LA-1029-(+)
SVP-LA-1029-(-)
SVP-LA-1023-(+)
SVP-LA-1023-(-)
SVP-LA-1021-(+)
SVP-LA-1021-(-)
SVP-LA-1024-(+)
SVP-LA-1024-(-)
SVP-LA-1023-(+)
SVP-LA-1023-(-)
SVP-LA-1025-(+)
SVP-LA-1025-(-)
(SECOND FLOOR) SVP-LA-1028
(SECOND FLOOR) SVP-LA-1030
(SECOND FLOOR) SVP-LA-1031
(SECOND FLOOR) SVP-LA-1032
SVP-LA-1029-(+)
SVP-LA-1029-(-)
SVP-LA-1030-(+)
SVP-LA-1030-(-)
SVP-LA-1028-(+)
SVP-LA-1028-(-)
SVP-LA-1031-(+)
SVP-LA-1031-(-)
SVP-LA-1030-(+)
SVP-LA-1030-(-)
SVP-LA-1032-(+)
SVP-LA-1032-(-)
SVP-LA-1031-(+)
SVP-LA-1031-(-)
SVP-LA-1022-1
SVP-LA-1022-2
(SECOND FLOOR) SVP-LA-1022 CORRIDOR 203
AP-15T
SPEAKER SVP-LA-1021 J-BOX
SVP-LA-1032-(+)
SVP-LA-1032-(-)
UHT-70C
(+) (-)
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTES
1. FOR EQUIPMENT LOCATION SEE SH LSS-15.
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NONE
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-602 VOICE PAGING SYSTEM WIRING DIAGRAM SHEET 2
PROJECT NUMBER: 28372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL ORIG
200 0602 12 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-20
MADE FROM DWG 436099 SHEET 2


MP44 (FIREQUEST 200/D2071A)
THORN AUTOMATED SYSTEMS
ENCLOSURE (P/N 975857)
SIZE: 46"H X 22.5"W X 5.25"D
FIREQUEST 200 BACKPLATE
4.0 AMP, 120VAC OR 220/240VAC,
50/60HZ TRANSFORMER FOR 2D ZONE
TRANSFORMER
P/N 910432
MOV, TYPICAL (3X)
G.E. P/N GE-C9-150L20
120 VAC, 60 HZ,
3 AMPS MAX.
LP-LB-54
CIRCUIT 20
HOT
NEUT
GND
BLK
WHT
GRN
DISCONNECT AND RECONNECT
IN NEW FACP0602-01
4 AMP POWER
SUPPLY BOARD
P/N 910250
40V
AC IN
CUT TO DISABLE
BATTERY FAULT
GROUND
FAULT
BATTERY
FAULT
4 AMP
250V
DC POWER
VOLT
METER
AMP METER
COMMON
CONTROL
BOARD
P/N 910611
AUDIBLE
CIRCUIT
FAULT
SYSTEM POWER
AC ON
SYSTEM
SILENCE
FAULT
ACTIVE
FIRE ZONE
ALARM
FAULT
AOP RELAY (2X)
TO DEVICES
IN CPP-602
DISCONNECT AND RECONNECT
IN NEW FACP0602-01
2-12V DC
50 AH BATTERIES
IN SEPERATE ENCL.
FUJITSU RELAY 263A120/040KCSA
ALLEN BRADLY SOCKET 700-HN103N
'U.L. RECOGNIZED', SHOWN DE-ENERGIZED
DIGITAL ALARM COMMUNICATOR TRANSMITTER (DACT)
RADIONICS MODEL: D2071A
+24V DC
-24V DC
EARTH GND
BATTERY-
BATTERY+
INITIATING A1-
INITIATING A2-
INITIATING B1+
INITIATING B2+
SUPERVISORY HI
SUPERVISORY LO
SUPERVISORY HI
TBL RELAY NC
TBL RELAY COM
TBL RELAY NO
ALARM RELAY NC
ALARM RELAY COM
ALARM RELAY NO
PANEL ALARM
PANEL TROUBLE
ALTERNATE
COMMUNICATION
PRIMARY
COMMUNICATION
TO COMMUNICATION
BACKBOARD
RJ31X
TELEPHONE
JACK
REMOVE AND REINSTALL
IN NEW FACP0602-01
TO DEVICES
IN CPP-630
TO DEVICES
IN CPP-602
DISCONNECT AND RECONNECT
IN NEW FACP0602-01
DISCONNECT AND RECONNECT
IN NEW FACP0602-01
DISCONNECT AND RECONNECT
IN NEW FACP0602-01
DISCONNECT AND RECONNECT
IN NEW FACP0602-01
NOTES
1. FOR EQUIPMENT LOCATION SEE SH LSS-14.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-602 MP44 FIREQUEST 200/D2071A
WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
NEXT CODE NUMBER
AREA TYPE CL ORIG
200 0602 12 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-21
MADE FROM DWG 444778
LSS-7386



NOTES

1. FOR EQUIPMENT LOCATION SEE SH LSS-15 AND LSS-25.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
SHEPHERD-MIDKIFF

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-602 FACP-01 SYSTEM 3 WIRING DIAGRAM

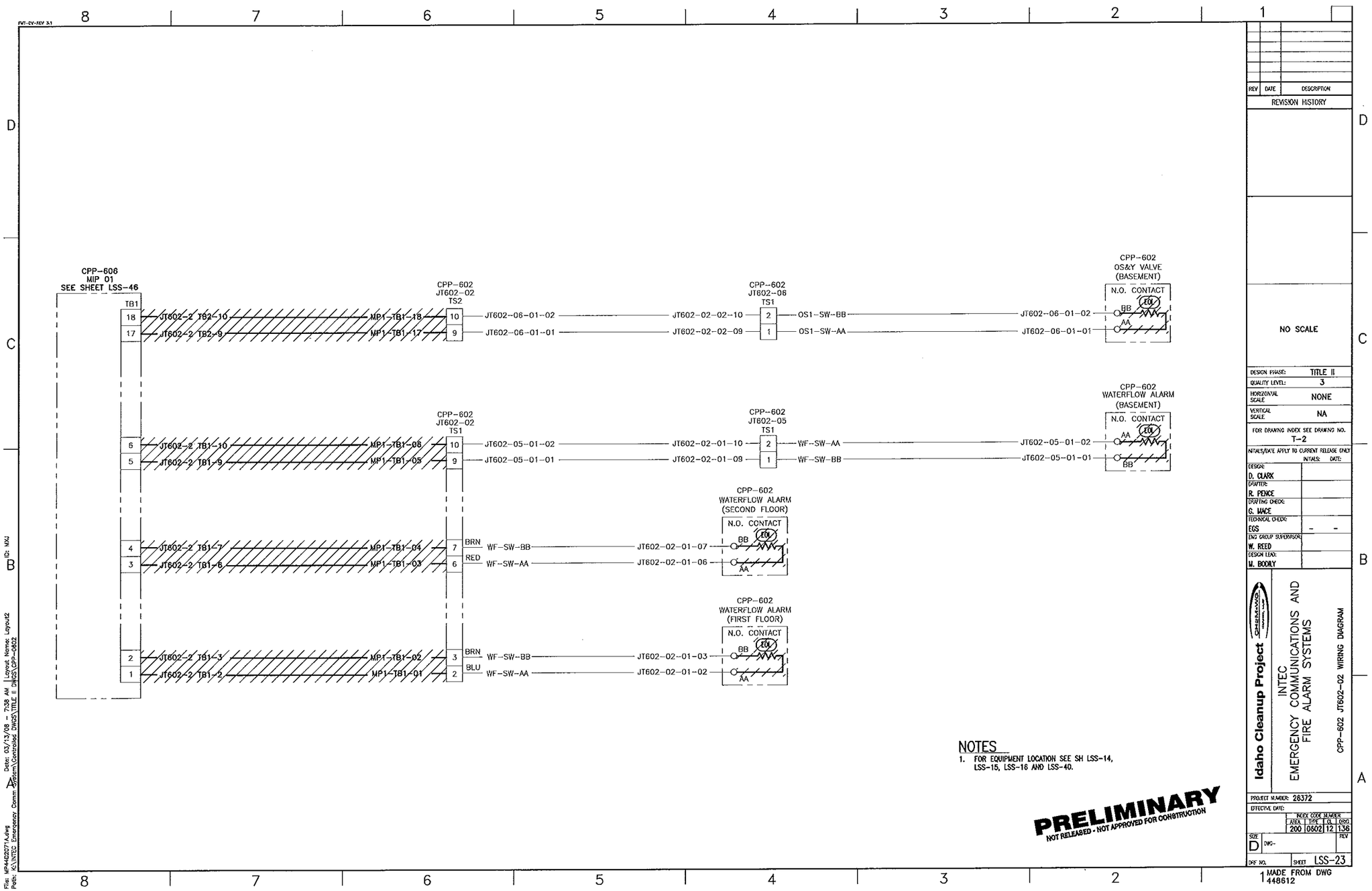
PROJECT NUMBER: 26372
EFFECTIVE DATE:

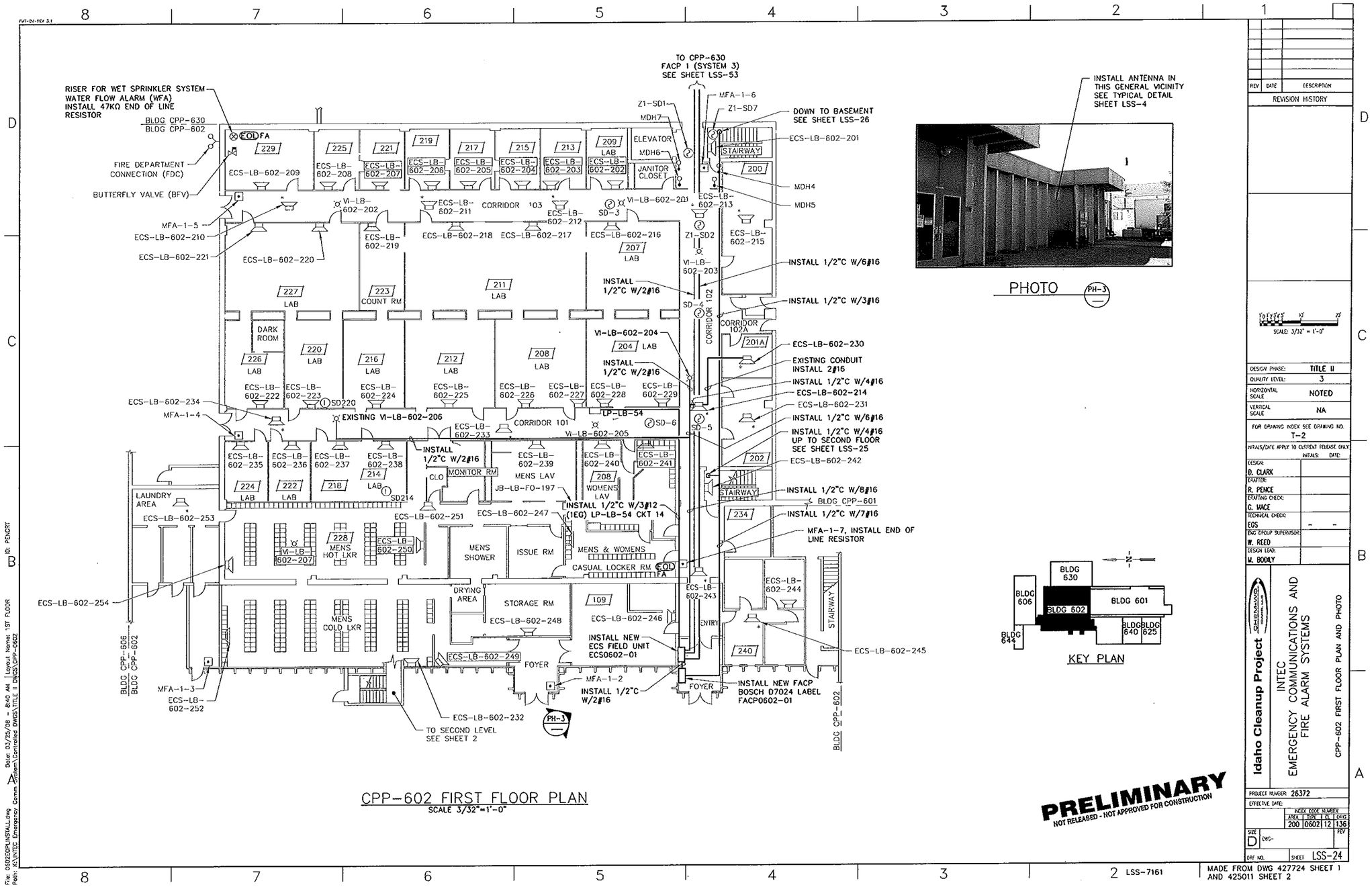
INDEX CODE NUMBER				
ZONE	TYPE	SL	DWG	
200	0602	12	136	

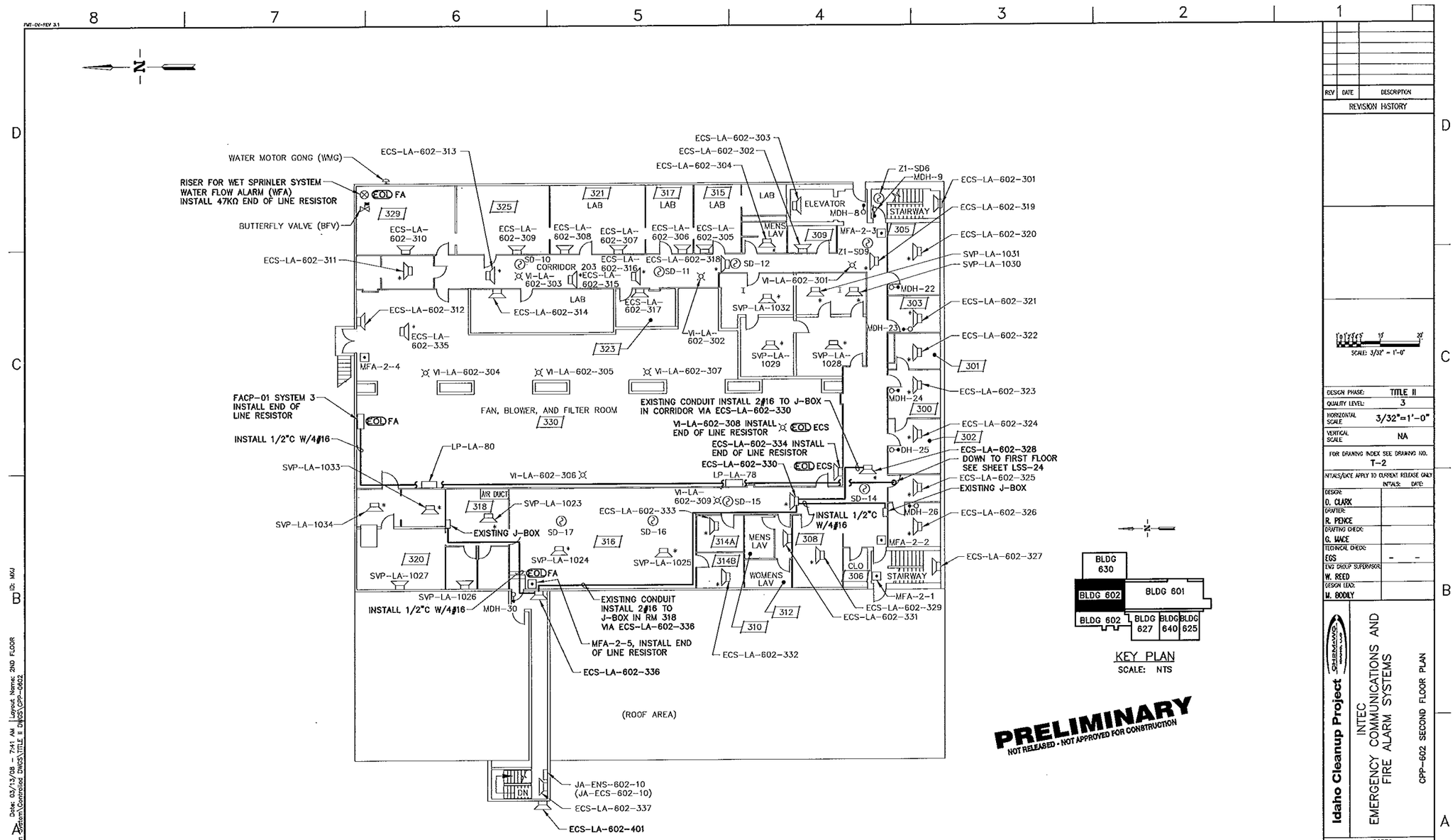
SIZE D DWG- REV
DSF NO. SHEET LSS-22

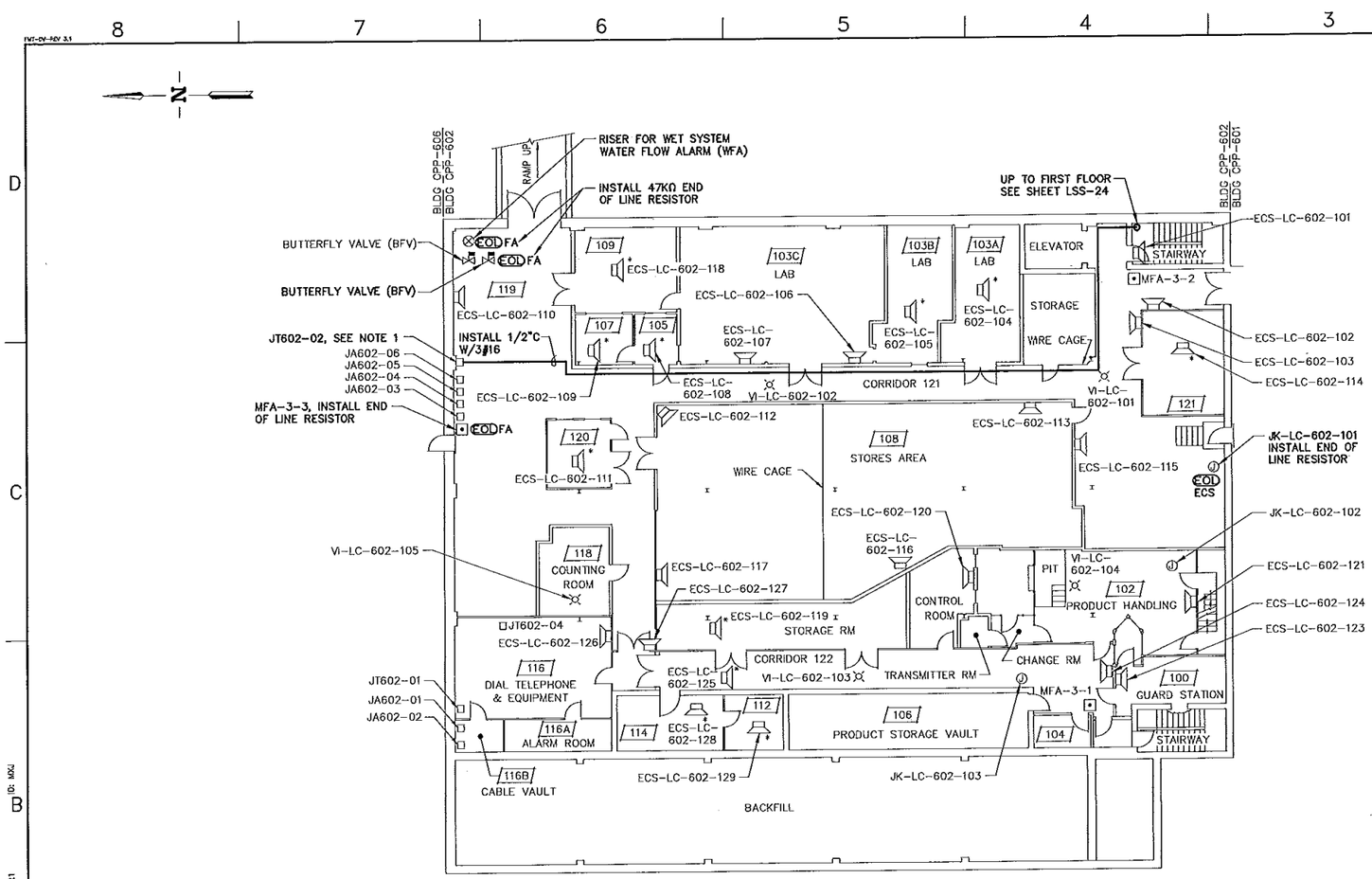
MADE FROM DWG 447216

File: VP4402071A.dwg
Path: A:\INTEC Emergency Comm System\Controls Dwgs\TITLE II DWGS\CPP-0602
Date: 03/13/08 - 7:38 AM | Layout Name: Layout1
ID: KKU

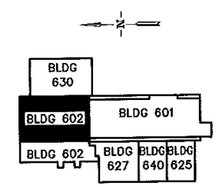

CPP-606
MIP 01
SEE SHEET LSS-46
TB1
CPP-602
JT602-02
TS2
CPP-602
JT602-06
TS1
CPP-602
OS&Y VALVE
(BASEMENT)
N.O. CONTACT
JT602-2 TB2-10
JT602-2 TB2-9
MP1-TB1-18
MP1-TB1-17
JT602-06-01-02
JT602-06-01-01
JT602-02-02-10
JT602-02-02-09
OS1-SW-BB
OS1-SW-AA
CPP-602
JT602-02
TS1
CPP-602
JT602-05
TS1
CPP-602
WATERFLOW ALARM
(BASEMENT)
JT602-2 TB1-10
JT602-2 TB1-9
MP1-TB1-06
MP1-TB1-05
JT602-05-01-02
JT602-05-01-01
JT602-02-01-10
JT602-02-01-09
WF-SW-AA
WF-SW-BB
CPP-602
WATERFLOW ALARM
(SECOND FLOOR)
JT602-2 TB1-7
JT602-2 TB1-6
MP1-TB1-04
MP1-TB1-03
BRN
RED
JT602-02-01-07
JT602-02-01-06
CPP-602
WATERFLOW ALARM
(FIRST FLOOR)
JT602-2 TB1-3
JT602-2 TB1-2
MP1-TB1-02
MP1-TB1-01
BLU
JT602-02-01-03
JT602-02-01-02
NOTES
1. FOR EQUIPMENT LOCATION SEE SH LSS-14, LSS-15, LSS-16 AND LSS-40.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-602 JT602-02 WIRING DIAGRAM
PROJECT NUMBER: 28372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA 200 TYPE 0602 CL 12 DRG 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-23
MADE FROM DWG 448612


CPP-602 FIRST FLOOR PLAN
SCALE 3/32"=1'-0"
PHOTO
KEY PLAN
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-602 FIRST FLOOR PLAN AND PHOTO
REVISION HISTORY
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NOTED
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
D. CLARK
R. PENCE
G. MACE
EGS
W. REED
M. BODILY
PROJECT NUMBER: 26372
SHEET LSS-24
MADE FROM DWG 427724 SHEET 1 AND 425011 SHEET 2
LSS-7161


WATER MOTOR GONG (WMG)
ECS-LA-602-313
RISER FOR WET SPRINLER SYSTEM
WATER FLOW ALARM (WFA)
INSTALL 47KΩ END OF LINE RESISTOR
EOD FA
BUTTERFLY VALVE (BFV)
ECS-LA-602-311
ECS-LA-602-303
ECS-LA-602-302
ECS-LA-602-304
Z1-SD6
MDH-9
ECS-LA-602-301
ECS-LA-602-319
ECS-LA-602-320
SVP-LA-1031
SVP-LA-1030
ECS-LA-602-321
ECS-LA-602-322
ECS-LA-602-323
ECS-LA-602-324
ECS-LA-602-328
DOWN TO FIRST FLOOR
SEE SHEET LSS-24
ECS-LA-602-325
EXISTING J-BOX
ECS-LA-602-326
ECS-LA-602-327
ECS-LA-602-329
ECS-LA-602-331
ECS-LA-602-332
ECS-LA-602-336
ECS-LA-602-337
ECS-LA-602-401
JA-ENS-602-10
(JA-ECS-602-10)
ECS-LA-602-312
ECS-LA-602-335
ECS-LA-602-314
ECS-LA-602-317
ECS-LA-602-310
ECS-LA-602-309
ECS-LA-602-308
ECS-LA-602-307
ECS-LA-602-306
ECS-LA-602-305
ECS-LA-602-316
ECS-LA-602-315
ECS-LA-602-318
ECS-LA-602-333
ECS-LA-602-334 INSTALL
END OF LINE RESISTOR
ECS-LA-602-330
EXISTING CONDUIT INSTALL 2#16 TO J-BOX
IN CORRIDOR VIA ECS-LA-602-330
VI-LA-602-308 INSTALL
END OF LINE RESISTOR
EOD ECS
FACP-01 SYSTEM 3
INSTALL END OF
LINE RESISTOR
INSTALL 1/2"C W/4#16
SVP-LA-1033
SVP-LA-1034
SVP-LA-1027
SVP-LA-1026
SVP-LA-1023
SVP-LA-1024
SVP-LA-1025
SVP-LA-1032
SVP-LA-1029
SVP-LA-1028
EXISTING J-BOX
INSTALL 1/2"C W/4#16
INSTALL 1/2"C W/4#16
EXISTING CONDUIT
INSTALL 2#16 TO
J-BOX IN RM 318
VIA ECS-LA-602-336
MFA-2-5, INSTALL END
OF LINE RESISTOR
LP-LA-80
LP-LA-78
VI-LA-602-301
VI-LA-602-302
VI-LA-602-303
VI-LA-602-304
VI-LA-602-305
VI-LA-602-306
VI-LA-602-307
VI-LA-602-309
SD-10
SD-11
SD-12
SD-14
SD-15
SD-16
SD-17
Z1-SD9
MFA-2-3
MFA-2-4
MFA-2-2
MFA-2-1
MDH-8
MDH-22
MDH-23
MDH-24
MDH-25
MDH-26
MDH-30
ELEVATOR
STAIRWAY
MENS LAV
WOMENS LAV
CLO
CORRIDOR 203
LAB
FAN, BLOWER, AND FILTER ROOM
(ROOF AREA)
DN
BLDG 630
BLDG 602
BLDG 601
BLDG 627
BLDG 640
BLDG 625
KEY PLAN
SCALE: NTS
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
CPP-602 SECOND FLOOR PLAN
REVISION HISTORY
REV DATE DESCRIPTION
SCALE: 3/32" = 1'-0"
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE 3/32"=1'-0"
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. WACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOOLY
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-602 SECOND FLOOR PLAN
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL CODE
200 0602 12 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-25
LSS-7161
MADE FROM DWG 427724 SHEET 2
AND 425011 SHEET 3



CPP-602 BASEMENT FLOOR PLAN



KEY PLAN
SCALE: NTS

NOTES

1. FIELD LOCATE BOSCH D7042B EIGHT-INPUT REMOTE MODULE IN OR NEAR JT602-02 SEE SHEET LSS-30.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/32" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	3/32"=1'-0"
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOLY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-602 BASEMENT FLOOR PLAN

PROJECT NUMBER: 26372
EFFECTIVE DATE:

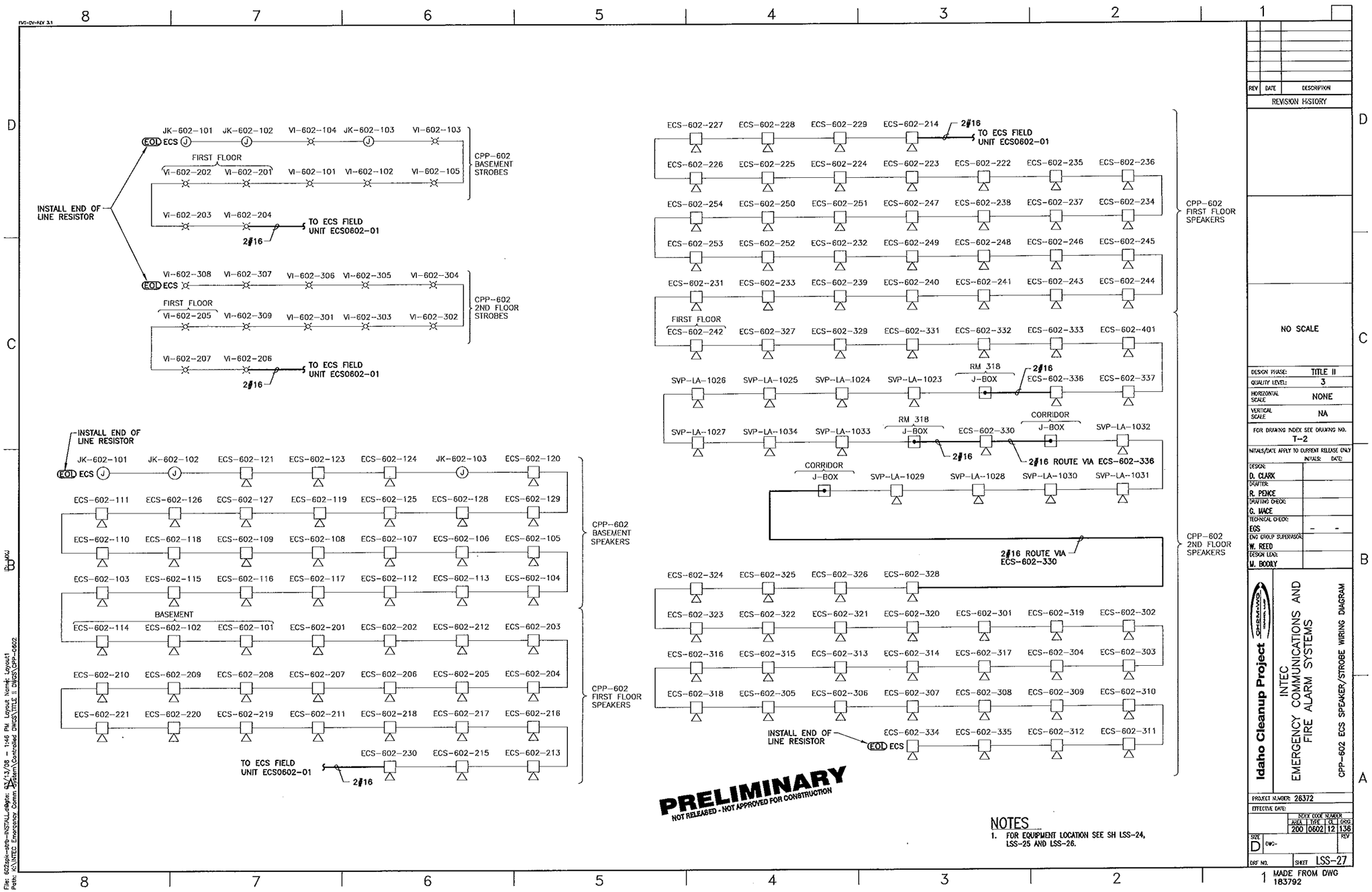
INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	0602	12	138

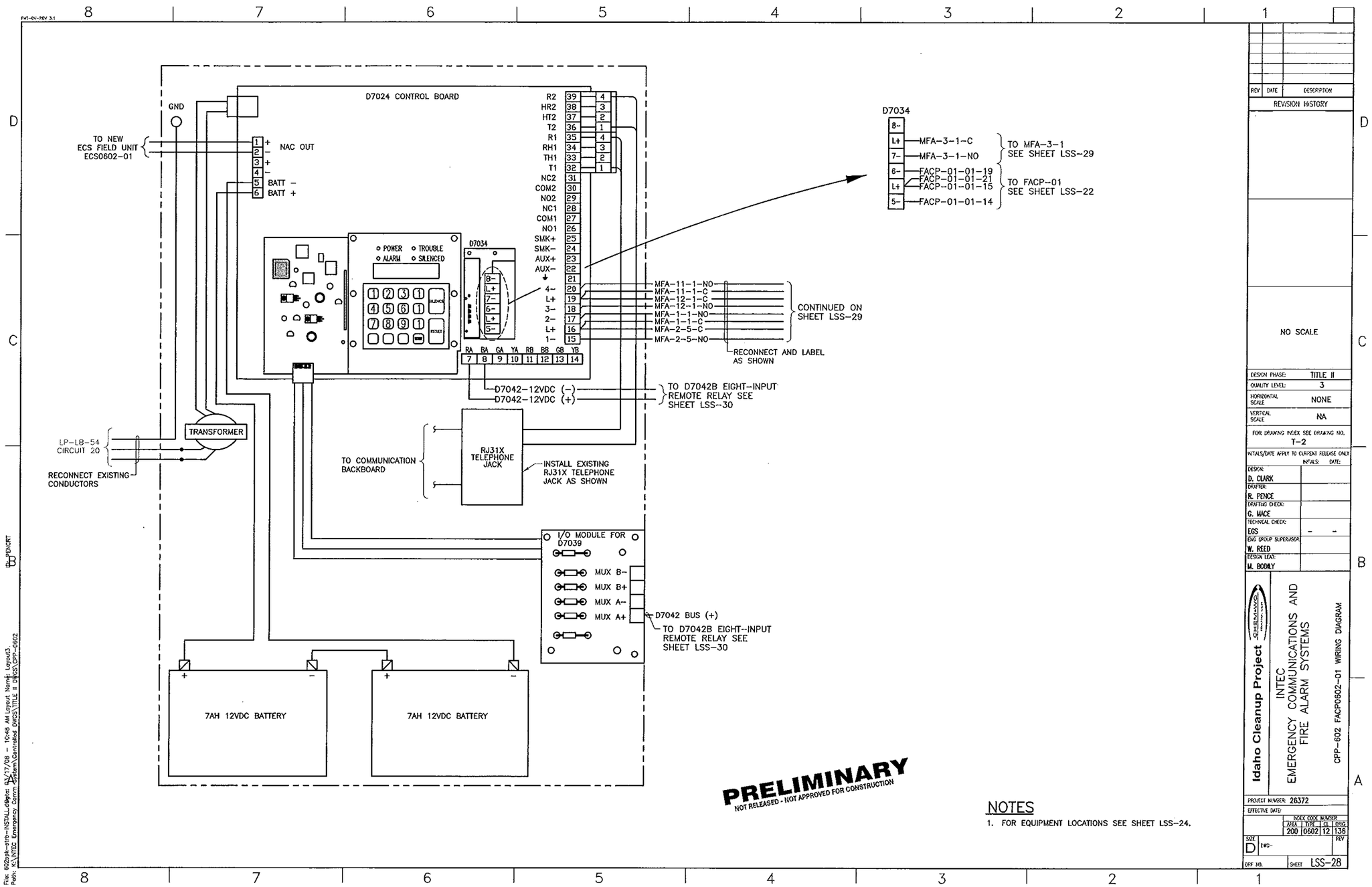
SIZE D DWG- REV
DRF NO. SHEET LSS-26

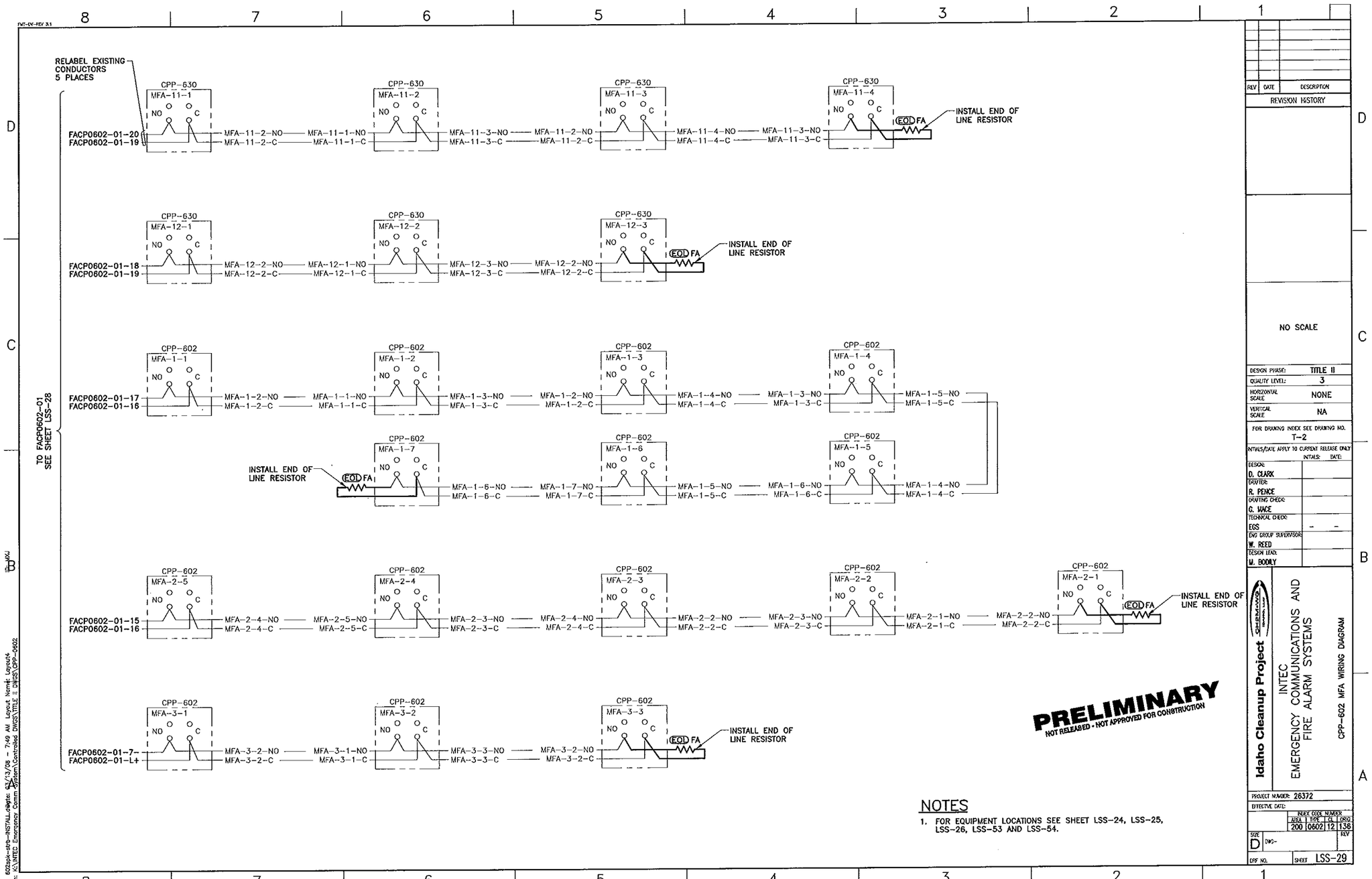
MADE FROM DWG 427724 SHEET 3 & 425011 SHEET 1

LSS-7161

File: 0602DPL3INSTALL.dwg Date: 03/13/08 - 7:43 AM Layout Name: Layout1
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0602 ID: MXJ


INSTALL END OF LINE RESISTOR
JK-602-101 JK-602-102 VI-602-104 JK-602-103 VI-602-103
EOL ECS
FIRST FLOOR
VI-602-202 VI-602-201 VI-602-101 VI-602-102 VI-602-105
CPP-602 BASEMENT STROBES
VI-602-203 VI-602-204
TO ECS FIELD UNIT ECS0602-01
2#16
VI-602-308 VI-602-307 VI-602-306 VI-602-305 VI-602-304
VI-602-205 VI-602-309 VI-602-301 VI-602-303 VI-602-302
CPP-602 2ND FLOOR STROBES
VI-602-207 VI-602-206
ECS-602-227 ECS-602-228 ECS-602-229 ECS-602-214
ECS-602-226 ECS-602-225 ECS-602-224 ECS-602-223 ECS-602-222 ECS-602-235 ECS-602-236
ECS-602-254 ECS-602-250 ECS-602-251 ECS-602-247 ECS-602-238 ECS-602-237 ECS-602-234
ECS-602-253 ECS-602-252 ECS-602-232 ECS-602-249 ECS-602-248 ECS-602-246 ECS-602-245
ECS-602-231 ECS-602-233 ECS-602-239 ECS-602-240 ECS-602-241 ECS-602-243 ECS-602-244
CPP-602 FIRST FLOOR SPEAKERS
ECS-602-242 ECS-602-327 ECS-602-329 ECS-602-331 ECS-602-332 ECS-602-333 ECS-602-401
SVP-LA-1026 SVP-LA-1025 SVP-LA-1024 SVP-LA-1023 RM 318 J-BOX ECS-602-336 ECS-602-337
SVP-LA-1027 SVP-LA-1034 SVP-LA-1033 RM 318 J-BOX ECS-602-330 CORRIDOR J-BOX SVP-LA-1032
2#16 ROUTE VIA ECS-602-336
CORRIDOR J-BOX SVP-LA-1029 SVP-LA-1028 SVP-LA-1030 SVP-LA-1031
2#16 ROUTE VIA ECS-602-330
CPP-602 2ND FLOOR SPEAKERS
ECS-602-324 ECS-602-325 ECS-602-326 ECS-602-328
ECS-602-323 ECS-602-322 ECS-602-321 ECS-602-320 ECS-602-301 ECS-602-319 ECS-602-302
ECS-602-316 ECS-602-315 ECS-602-313 ECS-602-314 ECS-602-317 ECS-602-304 ECS-602-303
ECS-602-318 ECS-602-305 ECS-602-306 ECS-602-307 ECS-602-308 ECS-602-309 ECS-602-310
ECS-602-334 ECS-602-335 ECS-602-312 ECS-602-311
JK-602-101 JK-602-102 ECS-602-121 ECS-602-123 ECS-602-124 JK-602-103 ECS-602-120
ECS-602-111 ECS-602-126 ECS-602-127 ECS-602-119 ECS-602-125 ECS-602-128 ECS-602-129
ECS-602-110 ECS-602-118 ECS-602-109 ECS-602-108 ECS-602-107 ECS-602-106 ECS-602-105
ECS-602-103 ECS-602-115 ECS-602-116 ECS-602-117 ECS-602-112 ECS-602-113 ECS-602-104
BASEMENT
ECS-602-114 ECS-602-102 ECS-602-101 ECS-602-201 ECS-602-202 ECS-602-212 ECS-602-203
ECS-602-210 ECS-602-209 ECS-602-208 ECS-602-207 ECS-602-206 ECS-602-205 ECS-602-204
ECS-602-221 ECS-602-220 ECS-602-219 ECS-602-211 ECS-602-218 ECS-602-217 ECS-602-216
ECS-602-230 ECS-602-215 ECS-602-213
CPP-602 BASEMENT SPEAKERS
CPP-602 FIRST FLOOR SPEAKERS
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTES
1. FOR EQUIPMENT LOCATION SEE SH LSS-24, LSS-25 AND LSS-26.
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOOLY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-602 ECS SPEAKER/STROBE WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA 200 TYPE 0602 CL 12 ORG 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-27
MADE FROM DWG 183792


D7024 CONTROL BOARD
GND
TO NEW ECS FIELD UNIT ECS0602-01
NAC OUT
BATT -
BATT +
POWER
TROUBLE
ALARM
SILENCED
D7034
R2
HR2
HT2
T2
R1
RH1
TH1
T1
NC2
COM2
NO2
NC1
COM1
NO1
SMK+
SMK-
AUX+
AUX-
4-
L+
3-
2-
L+
1-
RA BA GA YA RB BB GB YB
MFA-11-1-NO
MFA-11-1-C
MFA-12-1-C
MFA-12-1-NO
MFA-1-1-NO
MFA-1-1-C
MFA-2-5-C
MFA-2-5-NO
CONTINUED ON SHEET LSS-29
RECONNECT AND LABEL AS SHOWN
D7042-12VDC (-)
D7042-12VDC (+)
TO D7042B EIGHT-INPUT REMOTE RELAY SEE SHEET LSS-30
TRANSFORMER
LP-LB-54 CIRCUIT 20
RECONNECT EXISTING CONDUCTORS
TO COMMUNICATION BACKBOARD
RJ31X TELEPHONE JACK
INSTALL EXISTING RJ31X TELEPHONE JACK AS SHOWN
I/O MODULE FOR D7039
MUX B-
MUX B+
MUX A-
MUX A+
D7042 BUS (+)
TO D7042B EIGHT-INPUT REMOTE RELAY SEE SHEET LSS-30
7AH 12VDC BATTERY
7AH 12VDC BATTERY
D7034
MFA-3-1-C
MFA-3-1-NO
TO MFA-3-1 SEE SHEET LSS-29
FACP-01-01-19
FACP-01-01-21
FACP-01-01-15
FACP-01-01-14
TO FACP-01 SEE SHEET LSS-22
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTES
1. FOR EQUIPMENT LOCATIONS SEE SHEET LSS-24.
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-602 FACP0602-01 WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA 200 TYPE 0602 CL 12 DRG 136
SIZE D
DWG-
REV
DFF NO.
SHEET LSS-28



NOTES

1. FOR EQUIPMENT LOCATIONS SEE SHEET LSS-24, LSS-25, LSS-26, LSS-53 AND LSS-54.

REV	DATE	DESCRIPTION
REVISION HISTORY		

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOLY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-602 MFA WIRING DIAGRAM

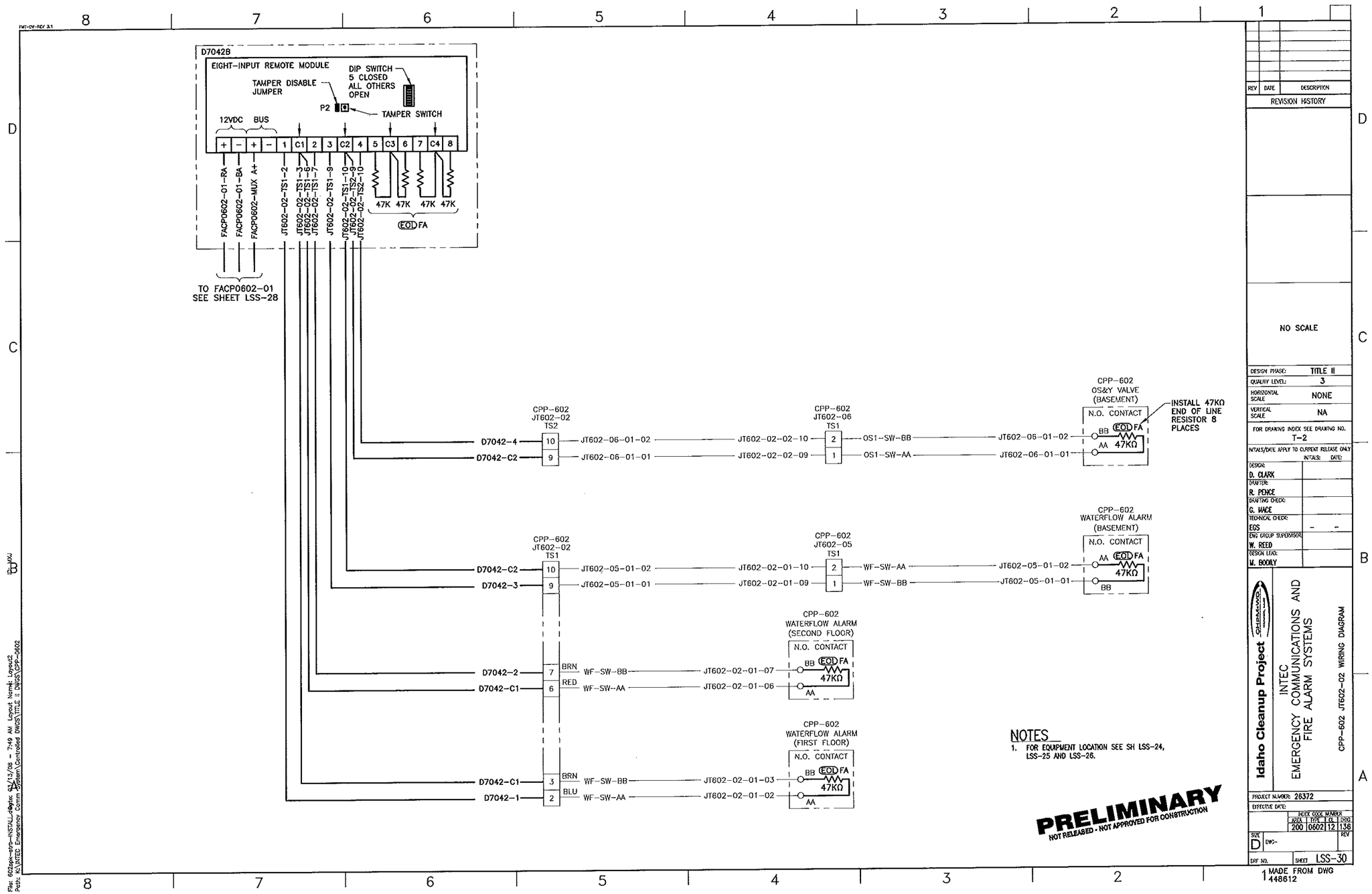
PROJECT NUMBER: 26372

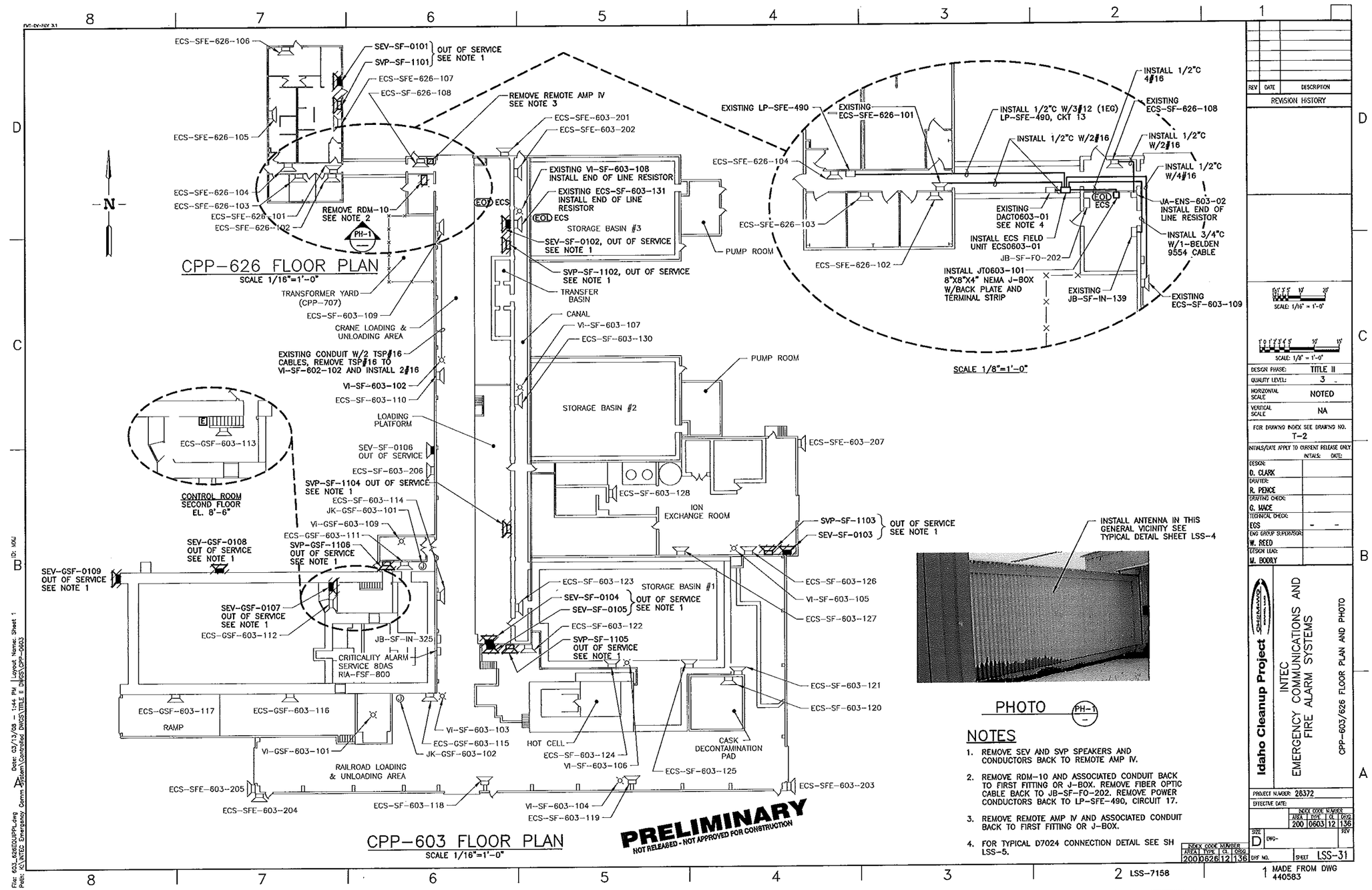
EFFECTIVE DATE:

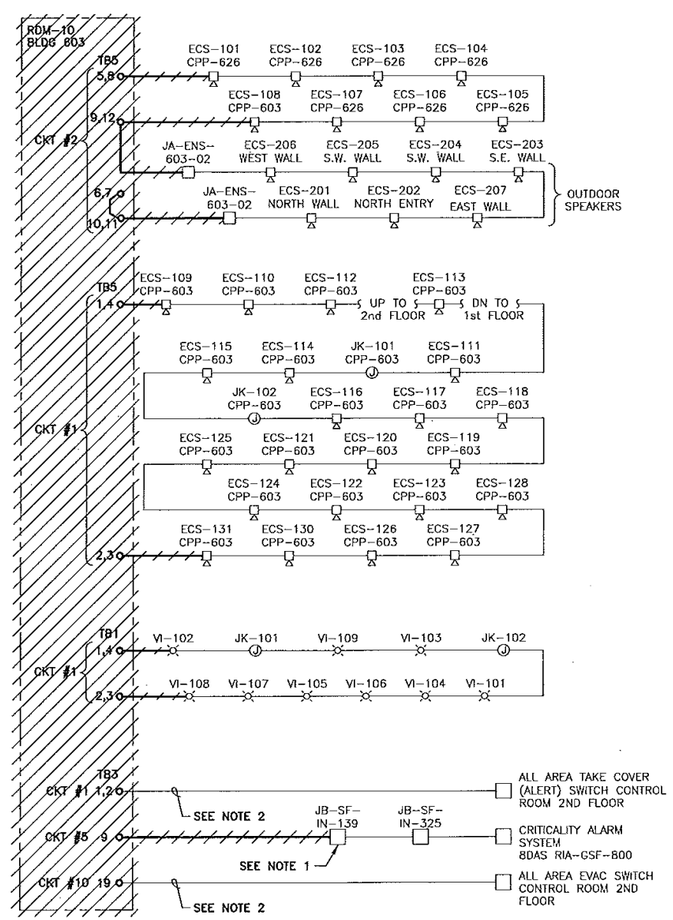
INDEX CODE NUMBER			
AREA	TYPE	CL	DRWG
200	0602	12	138

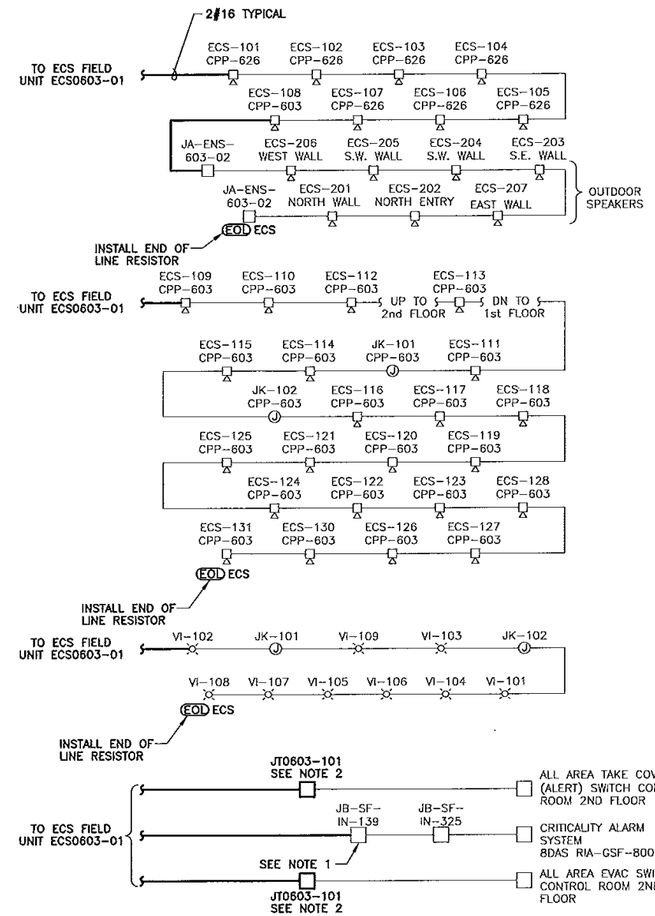
SIZE D DWG- REV

DRF NO. SHEET LSS-29


D7042B
EIGHT-INPUT REMOTE MODULE
TAMPER DISABLE JUMPER
DIP SWITCH 5 CLOSED ALL OTHERS OPEN
P2
TAMPER SWITCH
12VDC BUS
+ − + − 1 C1 2 3 C2 4 5 C3 6 7 C4 8
FACP0602-01-RA
FACP0602-01-BA
FACP0602-MUX A+
JT602-02-TS1-2
JT602-02-TS1-3
JT602-02-TS1-5
JT602-02-TS1-7
JT602-02-TS1-9
JT602-02-TS1-10
JT602-02-TS2-9
JT602-02-TS2-10
47K 47K 47K 47K
EOD FA
TO FACP0602-01
SEE SHEET LSS-28
CPP-602 JT602-02 TS2
D7042-4
D7042-C2
JT602-06-01-02
JT602-06-01-01
JT602-02-02-10
JT602-02-02-09
CPP-602 JT602-06 TS1
OS1-SW-BB
OS1-SW-AA
CPP-602 OS&Y VALVE (BASEMENT)
N.O. CONTACT
BB EOD FA
47KΩ
AA
INSTALL 47KΩ END OF LINE RESISTOR 8 PLACES
CPP-602 JT602-02 TS1
D7042-C2
D7042-3
JT602-05-01-02
JT602-05-01-01
JT602-02-01-10
JT602-02-01-09
CPP-602 JT602-05 TS1
WF-SW-AA
WF-SW-BB
CPP-602 WATERFLOW ALARM (BASEMENT)
D7042-2
D7042-C1
BRN
RED
WF-SW-BB
WF-SW-AA
JT602-02-01-07
JT602-02-01-06
CPP-602 WATERFLOW ALARM (SECOND FLOOR)
D7042-C1
D7042-1
BRN
BLU
JT602-02-01-03
JT602-02-01-02
CPP-602 WATERFLOW ALARM (FIRST FLOOR)
NOTES
1. FOR EQUIPMENT LOCATION SEE SH LSS-24, LSS-25 AND LSS-26.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NONE
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. WACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: W. BOOLEY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-602 JT602-02 WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL DWG
200 0602 12 138
SIZE D DWG- REV
DRF NO. SHEET LSS-30
MADE FROM DWG 448612


CPP-626 FLOOR PLAN
SCALE 1/16"=1'-0"
CPP-603 FLOOR PLAN
SCALE 1/16"=1'-0"
SCALE 1/8"=1'-0"
PHOTO PH-1
NOTES
1. REMOVE SEV AND SVP SPEAKERS AND CONDUCTORS BACK TO REMOTE AMP IV.
2. REMOVE RDM-10 AND ASSOCIATED CONDUIT BACK TO FIRST FITTING OR J-BOX. REMOVE FIBER OPTIC CABLE BACK TO JB-SF-FO-202. REMOVE POWER CONDUCTORS BACK TO LP-SFE-490, CIRCUIT 17.
3. REMOVE REMOTE AMP IV AND ASSOCIATED CONDUIT BACK TO FIRST FITTING OR J-BOX.
4. FOR TYPICAL D7024 CONNECTION DETAIL SEE SH LSS-5.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
STORAGE BASIN #3
STORAGE BASIN #2
STORAGE BASIN #1
ION EXCHANGE ROOM
PUMP ROOM
CONTROL ROOM SECOND FLOOR EL. 8'-6"
RAMP
RAILROAD LOADING & UNLOADING AREA
TRANSFORMER YARD (CPP-707)
CRANE LOADING & UNLOADING AREA
LOADING PLATFORM
TRANSFER BASIN
CANAL
HOT CELL
CASK DECONTAMINATION PAD
CRITICALITY ALARM SERVICE BDAS RIA-FSF-800
OUT OF SERVICE SEE NOTE 1
REMOVE REMOTE AMP IV SEE NOTE 3
REMOVE RDM-10 SEE NOTE 2
INSTALL ANTENNA IN THIS GENERAL VICINITY SEE TYPICAL DETAIL SHEET LSS-4
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-603/626 FLOOR PLAN AND PHOTO
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NOTED
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: ECS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOORLY
PROJECT NUMBER: 26372
INDEX CODE NUMBER: 200 0626 12 136
SHEET LSS-31
LSS-7158
MADE FROM DWG 440583





NOTES

1. DISCONNECT 4TSP#18 CABLE (BELDEN 9554) AT RDM-10, PULL BACK TO PB-SF-IN-139 AND TERMINATE AT NEW TERMINAL BLOCK. INSTALL 3/4" CONDUIT WITH 1 BELDEN 9554 CABLE FROM PB-SF-IN-139 TO NEW ECS FIELD UNIT ECS0603-01.
2. DISCONNECT TAKE COVER AND EVAC CABLES AT RDM-10 AND PULL BACK TO "C" CONDULET FITTING ON WALL ABOVE THE RDM. REWORK CONDUIT TO A NEW 8"X8"X4" NEMA 1 BOX WITH A BACK PLATE AND TERMINAL BLOCK. INSTALL 1/2" CONDUIT WITH 4#16 FROM NEW BOX TO NEW ECS FIELD UNIT ECS0603-01.
3. FOR EQUIPMENT LOCATION SEE SHEET LSS-31.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	–	–
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOLY		

Idaho Cleanup Project
SHAW

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-603 RDM-10 SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 28372

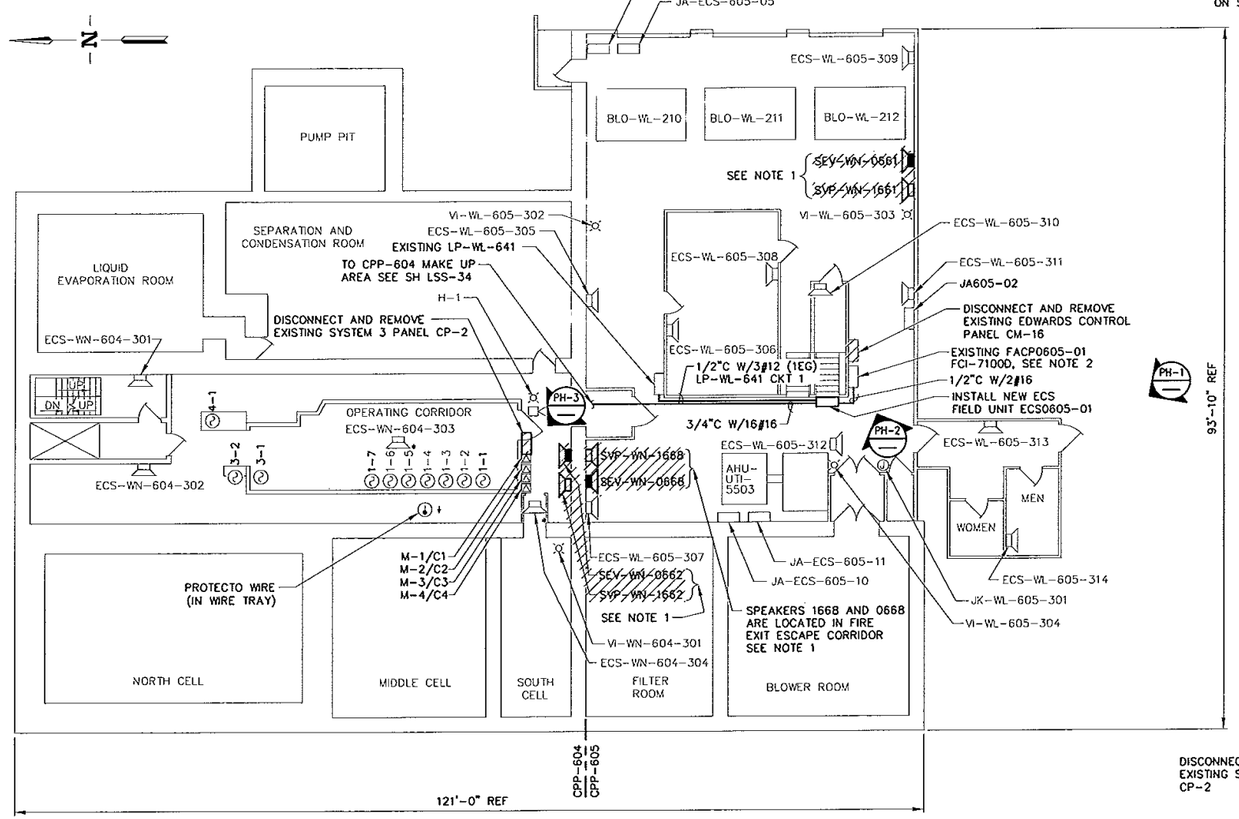
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORD
200	0603	12	136

SIZE D DWG- REV

DWG NO. SHEET LSS-32

MADE FROM DWG 178429



CPP-604/605 FLOOR PLAN
SCALE 1/8"=1'-0"
EL -4'-0"

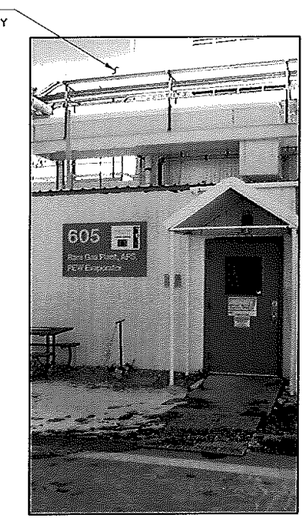


PHOTO PH-1

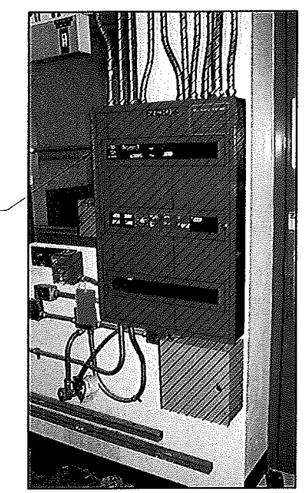


PHOTO PH-3

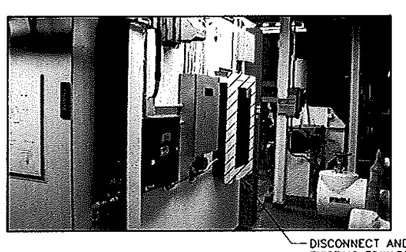
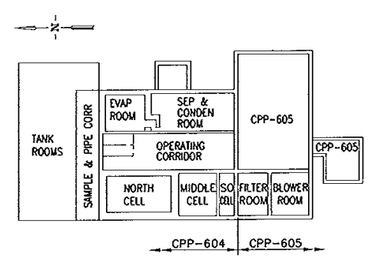


PHOTO PH-2

NOTES
1. REMOVE SEV AND SVP SPEAKERS, LABEL CONDUCTORS AS ABANDONED IN PLACE.
2. FOR TYPICAL FCI7100 CONNECTION DETAIL SEE SHEET LSS-5.



CPP604/605 KEY PLAN

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

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

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOILY		

Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-604/605 FLOOR PLAN AND PHOTOS

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DISC
200	0605	12	136

SIZE D DWG- REV
SHEET LSS-33
DFF NO.

INDEX CODE NUMBER			
AREA	TYPE	CL	DISC
200	0604	12	136

File: cpp604-605_floorplan.dwg
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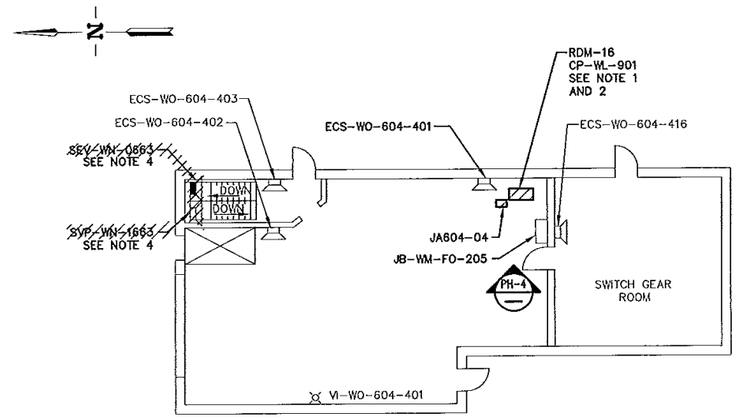
Date: 03/25/08 - 8:46 AM | Layout Name: Layout1
By: PENCRT



CPP-604 MAKE UP AREA
EL +10'-0"

CPP-604 FLOOR PLAN

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

NOTE: RECONFIGURE AND REMOVE EXISTING CONDUIT AS NEEDED TO ACHIEVE INSTALLATION PLAN.

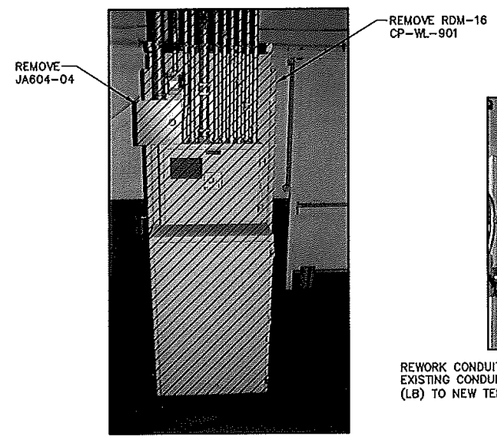


PHOTO PH-4

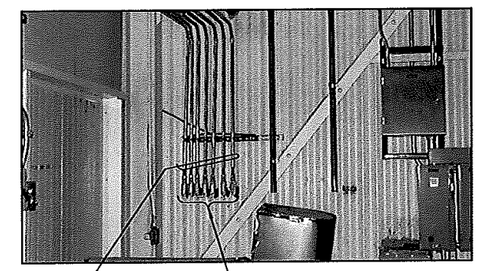
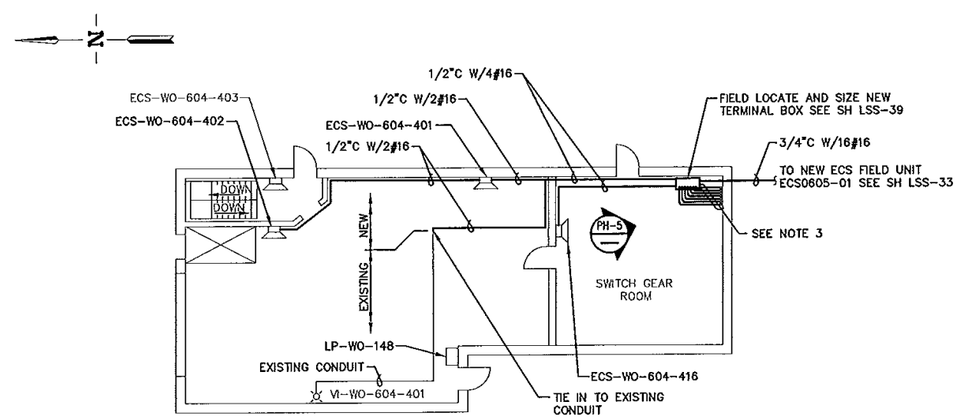


PHOTO PH-5



CPP-604 MAKE UP AREA
EL +10'-0"

CPP-604 FLOOR PLAN

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

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. PULL SPEAKER AND STROBE CONDUCTORS FROM RDM-16 BACK TO LB AT WALL PENETRATION FROM CPP-604 SWITCHGEAR ROOM TO CPP-605. PULL SPEAKER AND STROBE CIRCUIT FROM RDM-16 BACK TO SPEAKER ECS-WO-604-401.
2. REMOVE RDM-16 AND ASSOCIATED CONDUIT TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC FROM RDM TO JB-WM-FO-205. REMOVE POWER CONDUCTORS BACK TO PANEL LP-WO-148 CKT 23.
3. PULL EXISTING SPEAKER AND STROBE CONDUCTORS FROM EXISTING CONDUIT FITTINGS (LB) TO NEW TERMINAL BOX.
4. REMOVE SEV AND SVP SPEAKERS, LABEL CONDUCTORS AS ABANDONED IN PLACE.

REV	DATE	DESCRIPTION

REVISION HISTORY

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

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: EGS	–	–
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: W. BOORLY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-604 FLOOR PLANS AND PHOTOS

PROJECT NUMBER: 28372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	DL	DSG
200	0604	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-34

File: cpp604_floorplan.dwg
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Date: 03/13/08 - 4:20 PM Layout Name: Layout1
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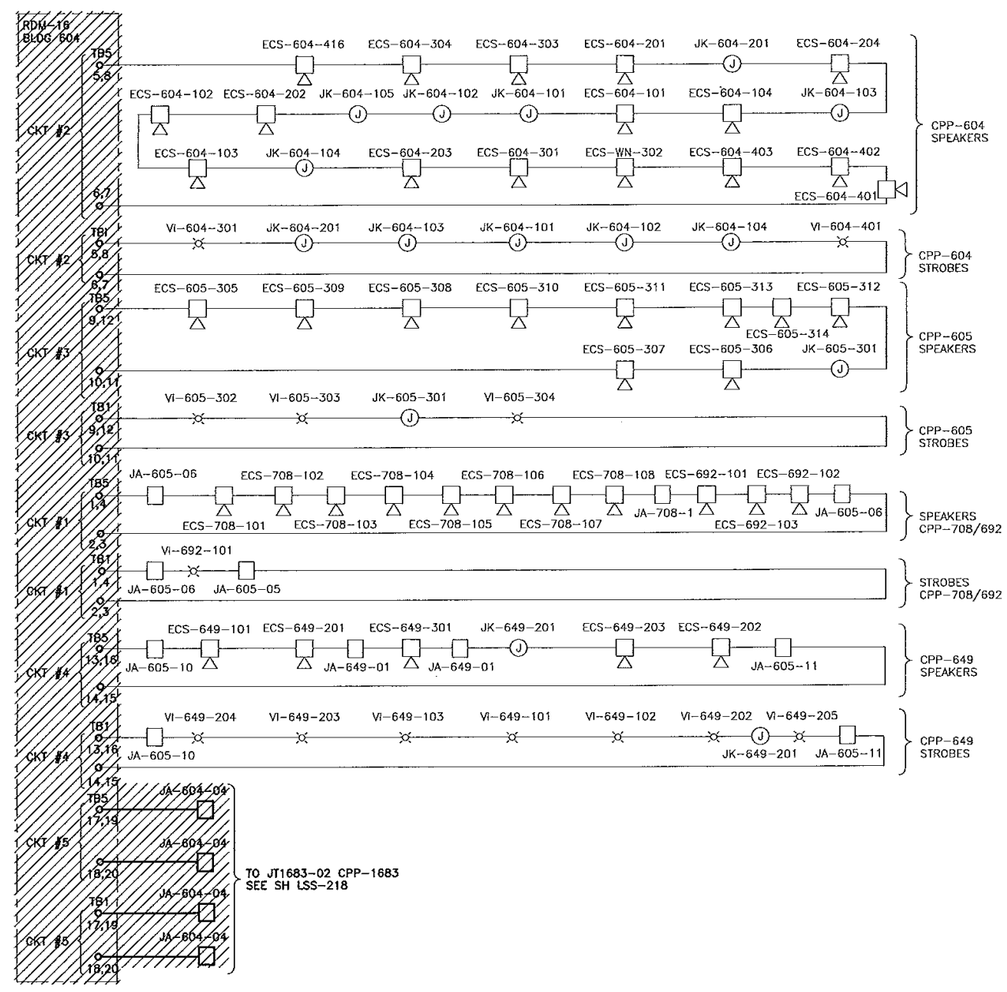

NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-34.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOLY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-604 RDM-16 SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	0604	12	136

SIZE: D DWG- REV

DSF NO. SHEET LSS-35

File: Speaker_Strobe-Demo.dwg
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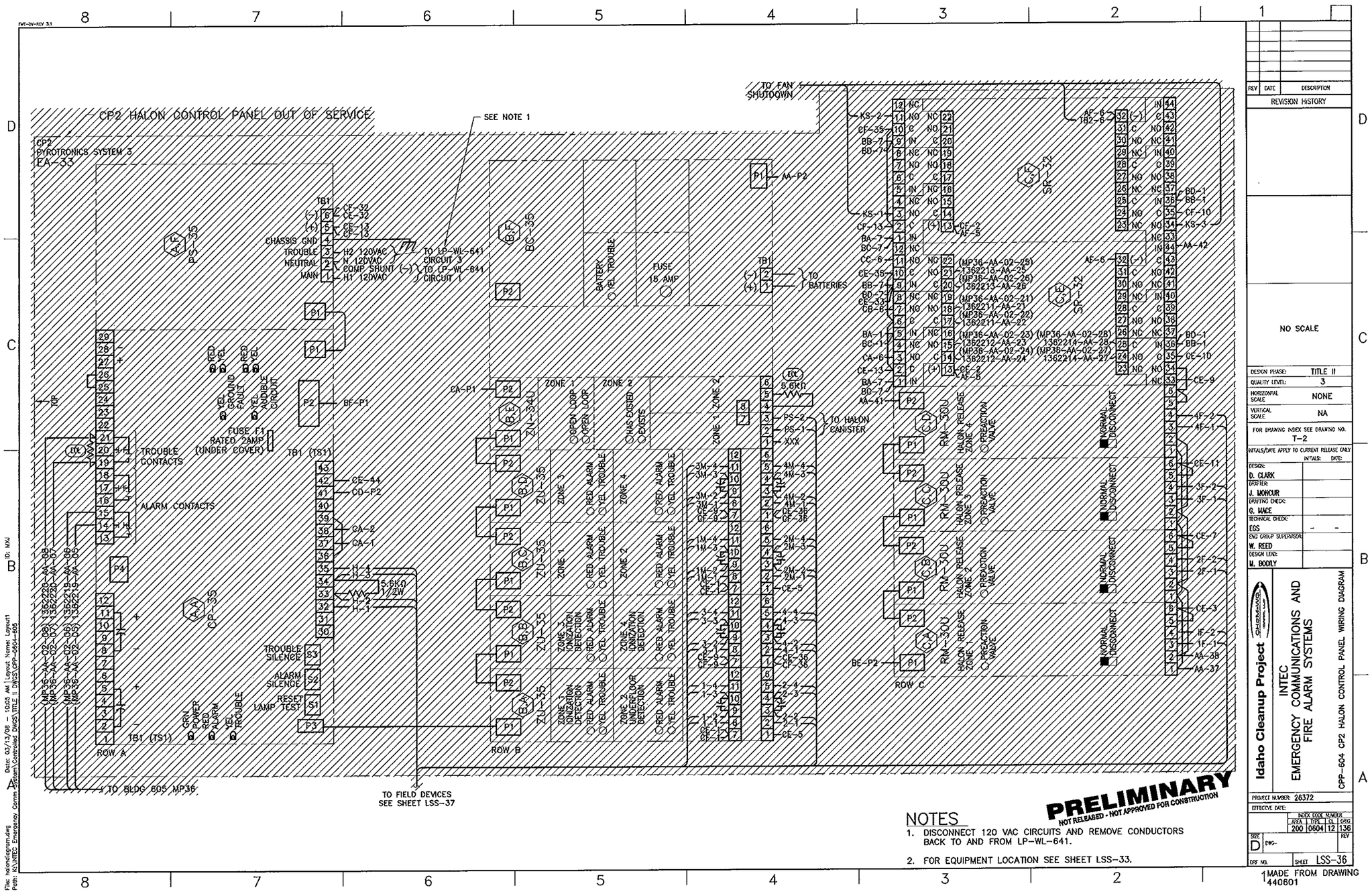
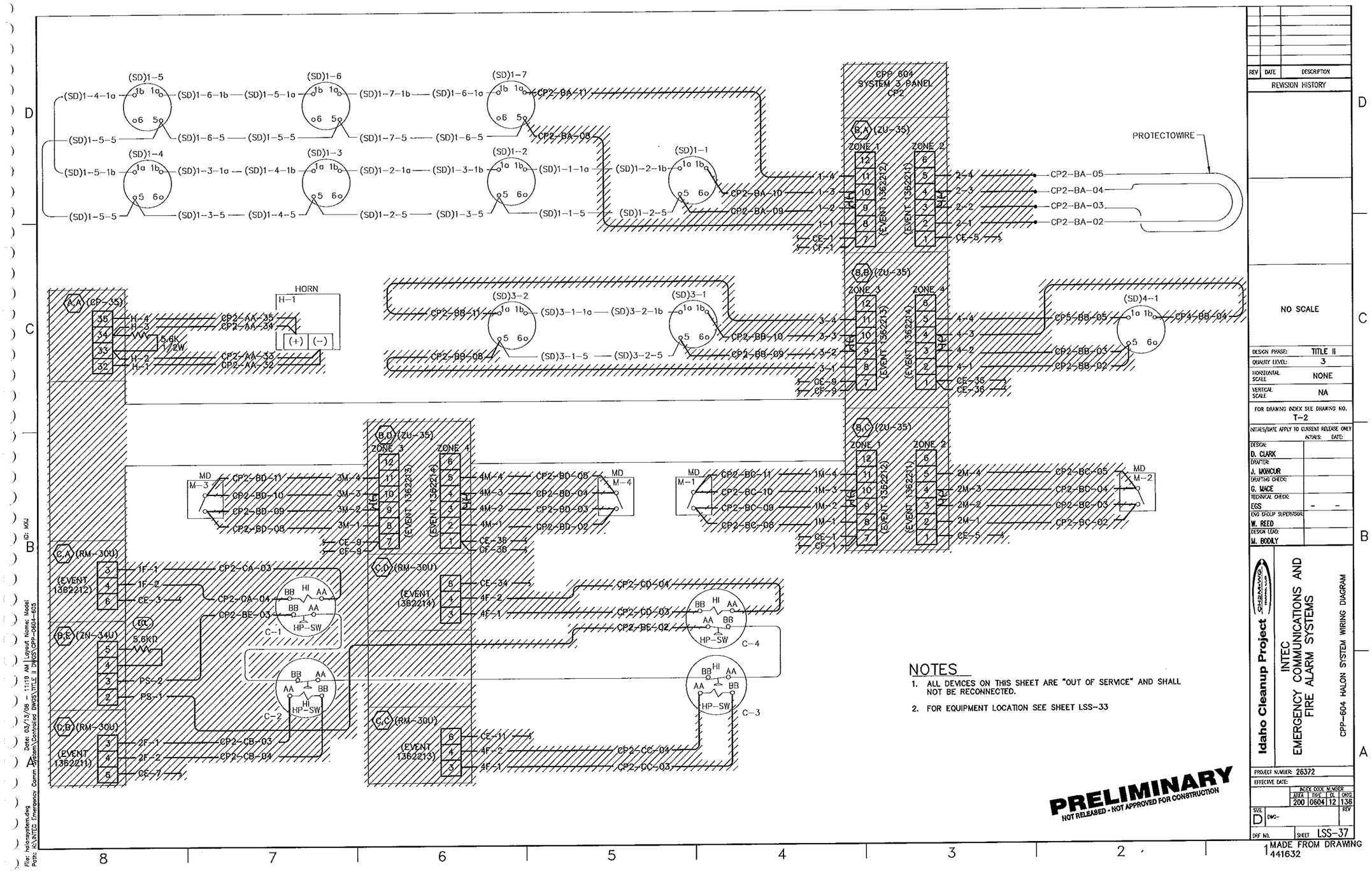
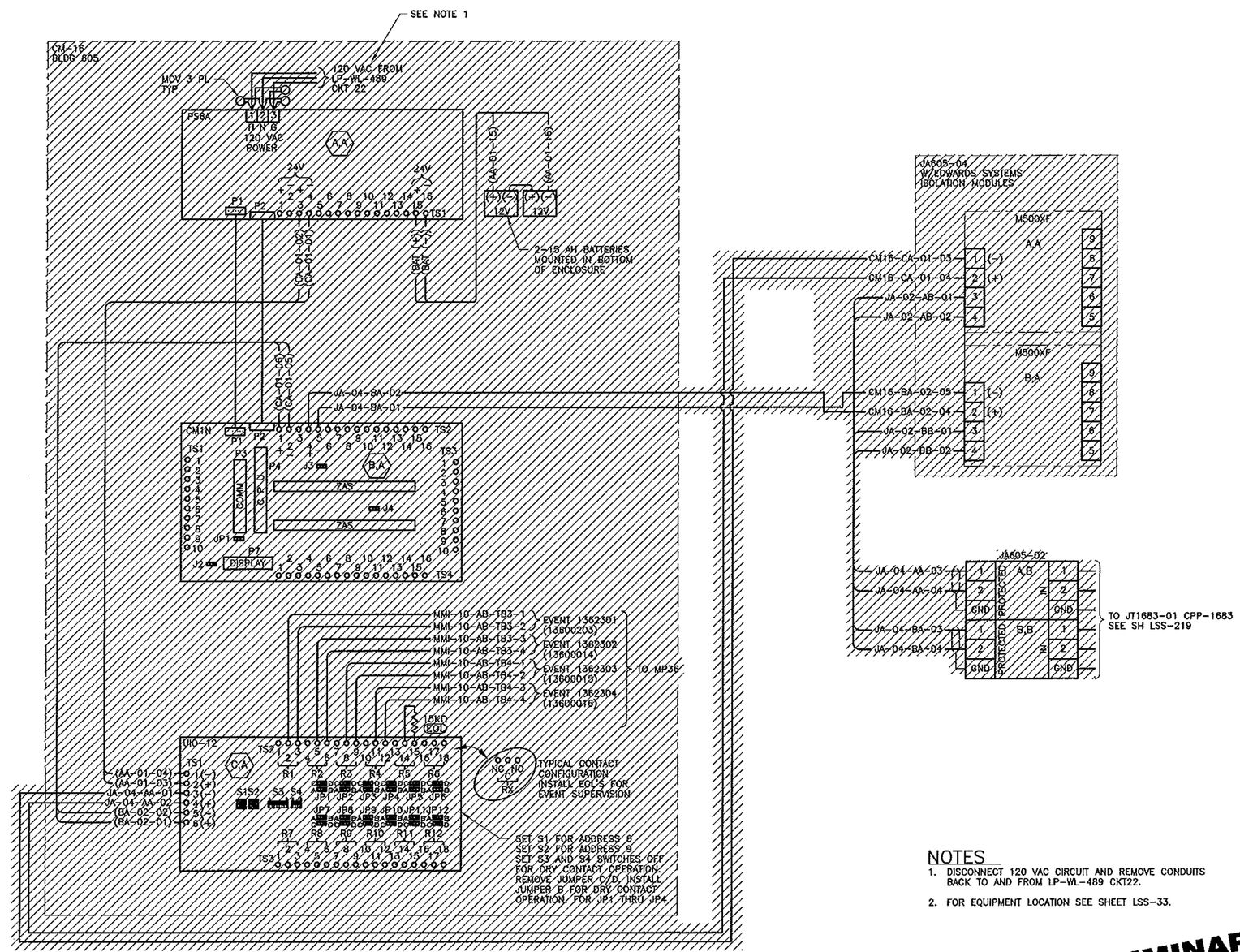
Date: 03/13/08 - 4:48 PM | Layout Name: Layout1
ID: NAU


CP2 HALON CONTROL PANEL OUT OF SERVICE
SEE NOTE 1
CP2
PYROTRONICS SYSTEM 3
EA-33
TO FAN SHUTDOWN
TO HALON CANISTER
TROUBLE CONTACTS
ALARM CONTACTS
TO BLDG 605 MP36
TO FIELD DEVICES
SEE SHEET LSS-37
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTES
1. DISCONNECT 120 VAC CIRCUITS AND REMOVE CONDUCTORS BACK TO AND FROM LP-WL-641.
2. FOR EQUIPMENT LOCATION SEE SHEET LSS-33.
NO SCALE
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-604 CP2 HALON CONTROL PANEL WIRING DIAGRAM
PROJECT NUMBER: 26372
SHEET LSS-36
MADE FROM DRAWING 440601


CPP 604
SYSTEM 3 PANEL
CP2
PROTECTOWIRE
HORN
H-1
NOTES
1. ALL DEVICES ON THIS SHEET ARE "OUT OF SERVICE" AND SHALL NOT BE RECONNECTED.
2. FOR EQUIPMENT LOCATION SEE SHEET LSS-33
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV
DATE
DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NONE
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: J. MONCUR
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-604 HALON SYSTEM WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE DI ORIG
200 0604 12 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-37
MADE FROM DRAWING 441632



NOTES

1. DISCONNECT 120 VAC CIRCUIT AND REMOVE CONDUITS BACK TO AND FROM LP-WL-489 CKT22.
2. FOR EQUIPMENT LOCATION SEE SHEET LSS-33.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

ATYALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	--	--
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOLY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-605 CM-16 WIRING DIAGRAM

PROJECT NUMBER: 28372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	O.	DWG
200	0605	12	136

SIZE D DWG- REV

DFS NO. SHEET LSS-38

MADE FROM DRAWING 1449835

File: m36wiring.dwg
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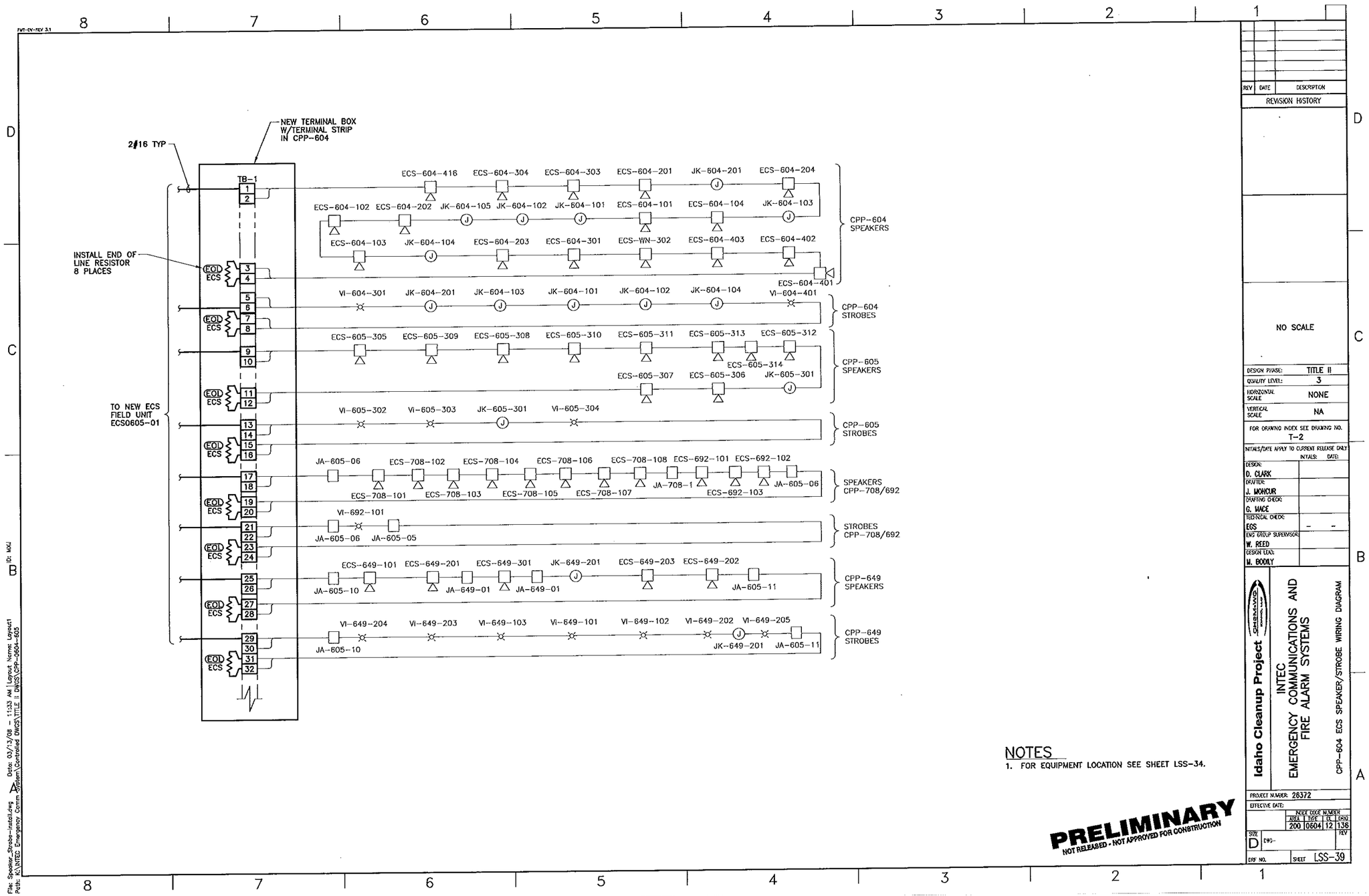
Date: 03/13/08 - 4:32 PM | Layout Name: Layout1

ID: MJG



NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-34.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION
REVISION HISTORY		

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-604 ECS SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	0604	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-39

File: Speaker_Strobe-Install.dwg Date: 03/13/08 - 11:33 AM Layout Name: Layout1
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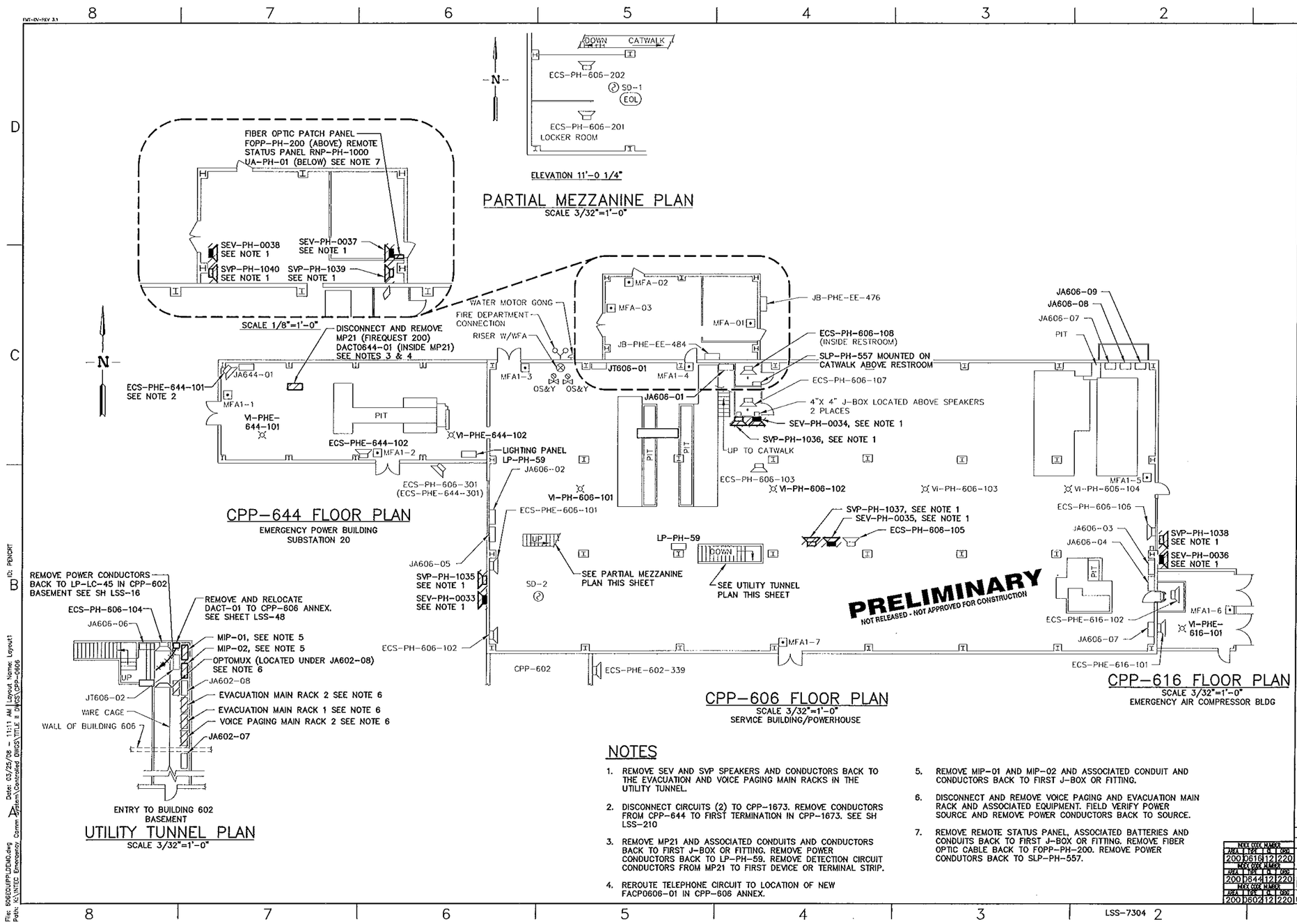


NOTES

1. REMOVE SEV AND SVP SPEAKERS AND CONDUCTORS BACK TO THE EVACUATION AND VOICE PAGING MAIN RACKS IN THE UTILITY TUNNEL.
2. DISCONNECT CIRCUITS (2) TO CPP-1673. REMOVE CONDUCTORS FROM CPP-644 TO FIRST TERMINATION IN CPP-1673. SEE SH LSS-210
3. REMOVE MP21 AND ASSOCIATED CONDUITS AND CONDUCTORS BACK TO FIRST J-BOX OR FITTING. REMOVE POWER CONDUCTORS BACK TO LP-PH-59. REMOVE DETECTION CIRCUIT CONDUCTORS FROM MP21 TO FIRST DEVICE OR TERMINAL STRIP.
4. REROUTE TELEPHONE CIRCUIT TO LOCATION OF NEW FACP0606-01 IN CPP-606 ANNEX.
5. REMOVE MIP-01 AND MIP-02 AND ASSOCIATED CONDUIT AND CONDUCTORS BACK TO FIRST J-BOX OR FITTING.
6. DISCONNECT AND REMOVE VOICE PAGING AND EVACUATION MAIN RACK AND ASSOCIATED EQUIPMENT. FIELD VERIFY POWER SOURCE AND REMOVE POWER CONDUCTORS BACK TO SOURCE.
7. REMOVE REMOTE STATUS PANEL, ASSOCIATED BATTERIES AND CONDUITS BACK TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE BACK TO FOPP-PH-200. REMOVE POWER CONDUTORS BACK TO SLP-PH-557.

REV	DATE	DESCRIPTION
		REVISION HISTORY

SCALE: 1/8" = 1'-0"
SCALE: 3/32" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOLY		

Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-606, 616, AND 644 FLOOR PLANS

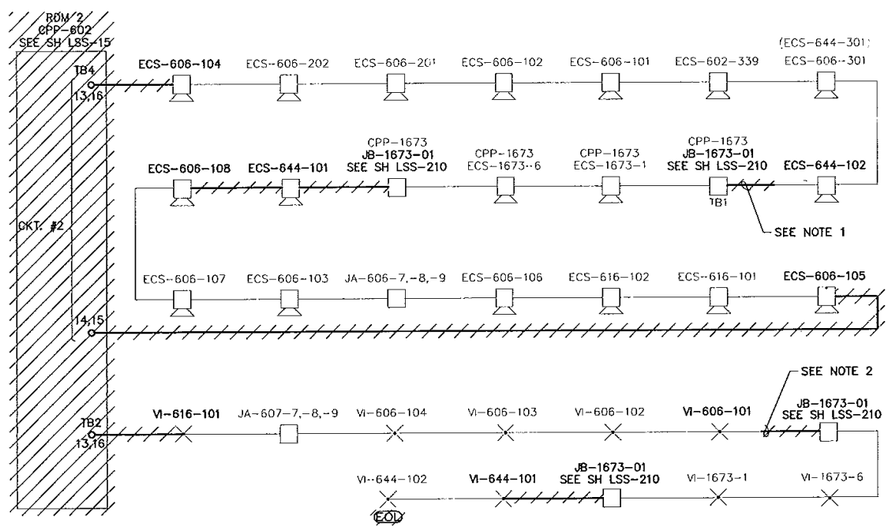
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	CODE
200	0616	12	220
INDEX CODE NUMBER			
200	0644	12	220
INDEX CODE NUMBER			
200	0602	12	220

INDEX CODE NUMBER			
AREA	TYPE	CL	CODE
200	0606	12	136

SIZE D DWG- REV
ENF NO. SHEET LSS-40

File: 606ZDUPP-DEMO.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0606
Date: 03/25/08 - 11:11 AM Layout Name: Layout1
ID: PENCRT



NOTES

1. CONDUCTOR FROM ECS-644-102 ROUTES PAST ECS-644-101 ON THE WAY TO JB1673-01. REMOVE CONDUCTOR FROM J-BOX AT ECS-644-101 TP JB1673-01. REUSE REMAINING CONDUCTOR TO CONNECT CIRCUIT FROM ECS-644-102 TO ECS-644-101. SEE SHEET LSS-49
2. CONDUCTOR FROM VI-606-101 ROUTES PAST VI-644-101 ON THE WAY TO JB-1673-01. REMOVE CONDUCTOR FROM J-BOX AT VI-644-101 TO JB-1673-01. REUSE REMAINING CONDUCTOR TO CONNECT CIRCUIT FROM VI-606-101 TO VI-644-101. SEE SHEET LSS-49
3. FOR EQUIPMENT LOCATION SEE SHEET LSS-40.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-606, 616, AND 644 RDM-2
SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	LOCK	CL	DRG
200	0606	12	136

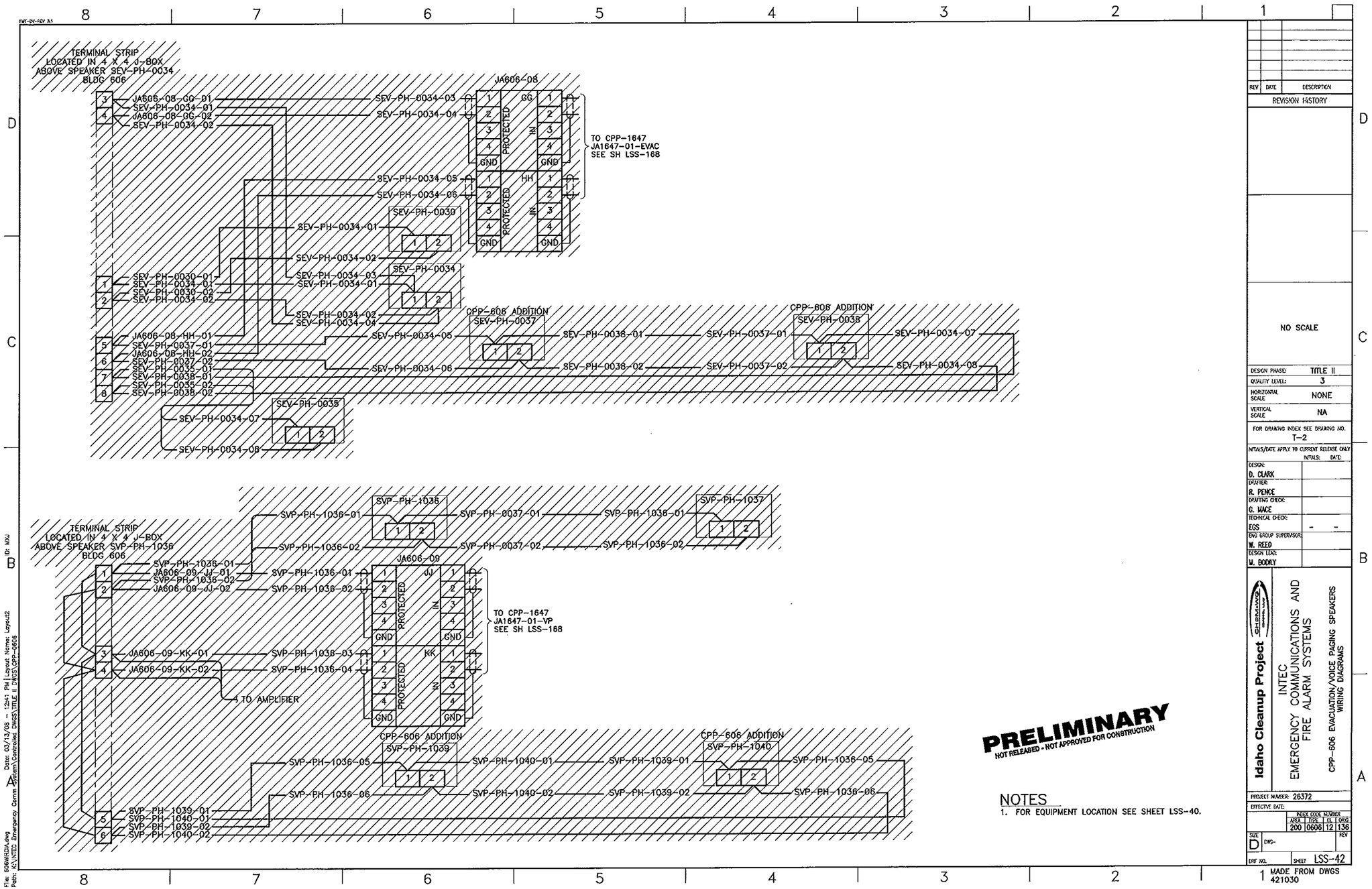
SIZE D DWG- REV

DRF NO. SHEET LSS-41

MADE FROM DWGS 178419

LSS-7304

File: 606WIRDIA.dwg Date: 03/13/08 - 4:28 PM Layout Name: Layout1 ID: MXJ
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0606



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-40.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: EGS	--	--
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOKY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

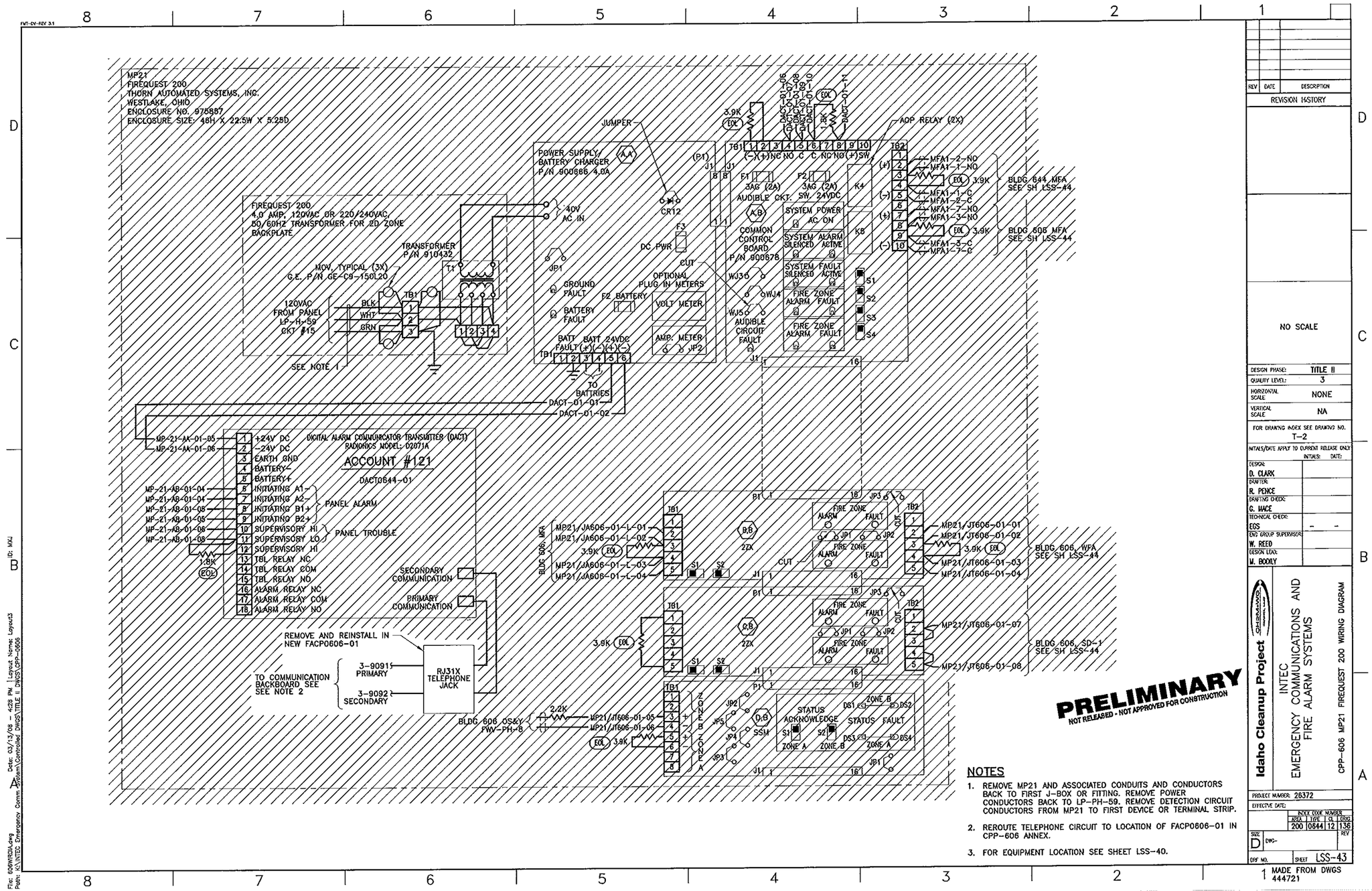
CPP-606 EVACUATION/VOICE PAGING SPEAKERS
WIRING DIAGRAMS

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	DL	DRSQ
200	0606	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-42

MADE FROM DWGS 421030



NOTES

1. REMOVE MP21 AND ASSOCIATED CONDUITS AND CONDUCTORS BACK TO FIRST J-BOX OR FITTING. REMOVE POWER CONDUCTORS BACK TO LP-PH-59. REMOVE DETECTION CIRCUIT CONDUCTORS FROM MP21 TO FIRST DEVICE OR TERMINAL STRIP.
2. REROUTE TELEPHONE CIRCUIT TO LOCATION OF FACP0606-01 IN CPP-606 ANNEX.
3. FOR EQUIPMENT LOCATION SEE SHEET LSS-40.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOLY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-606 MP21 FIREQUEST 200 WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

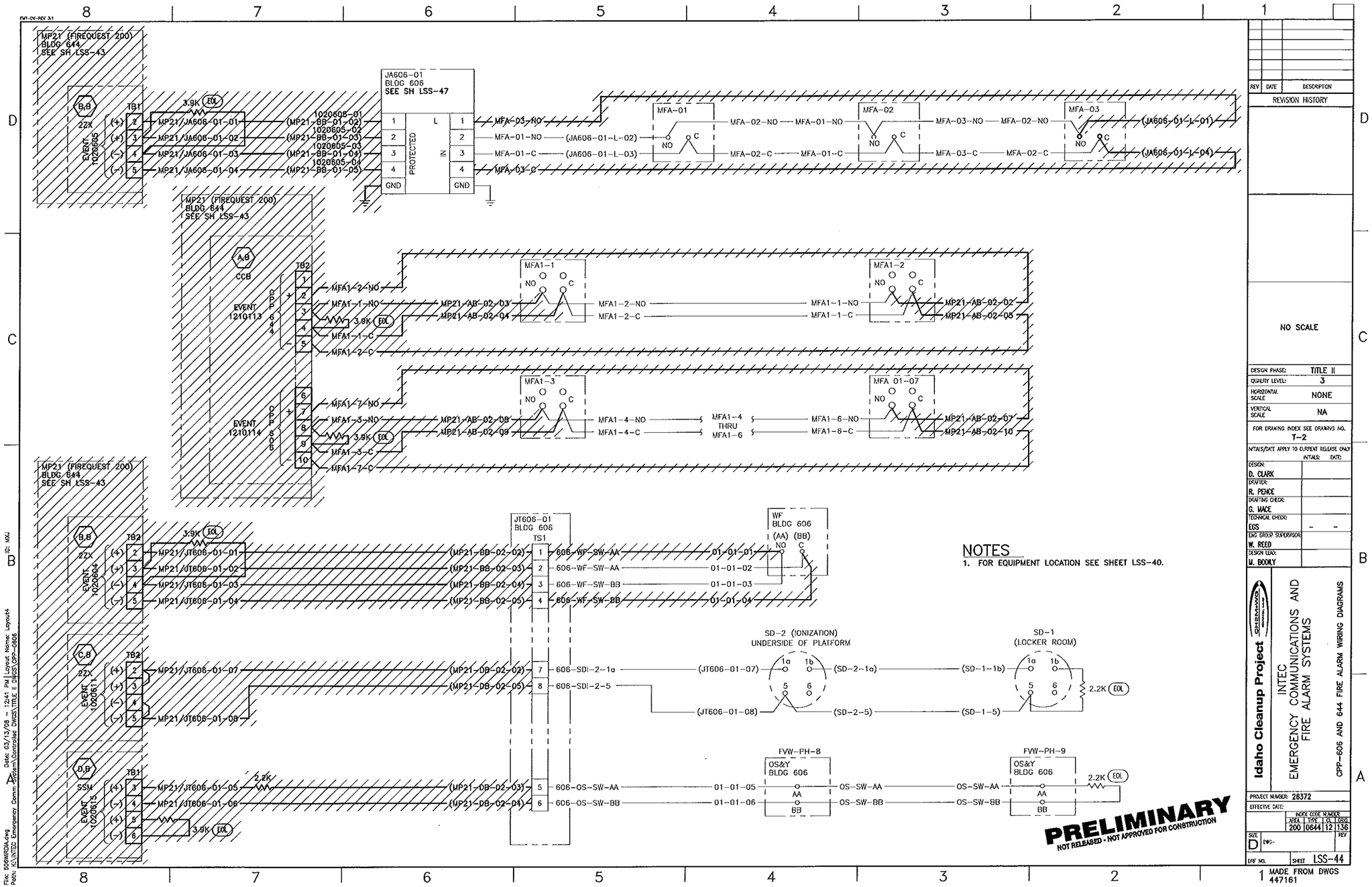
INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	0644	12	136

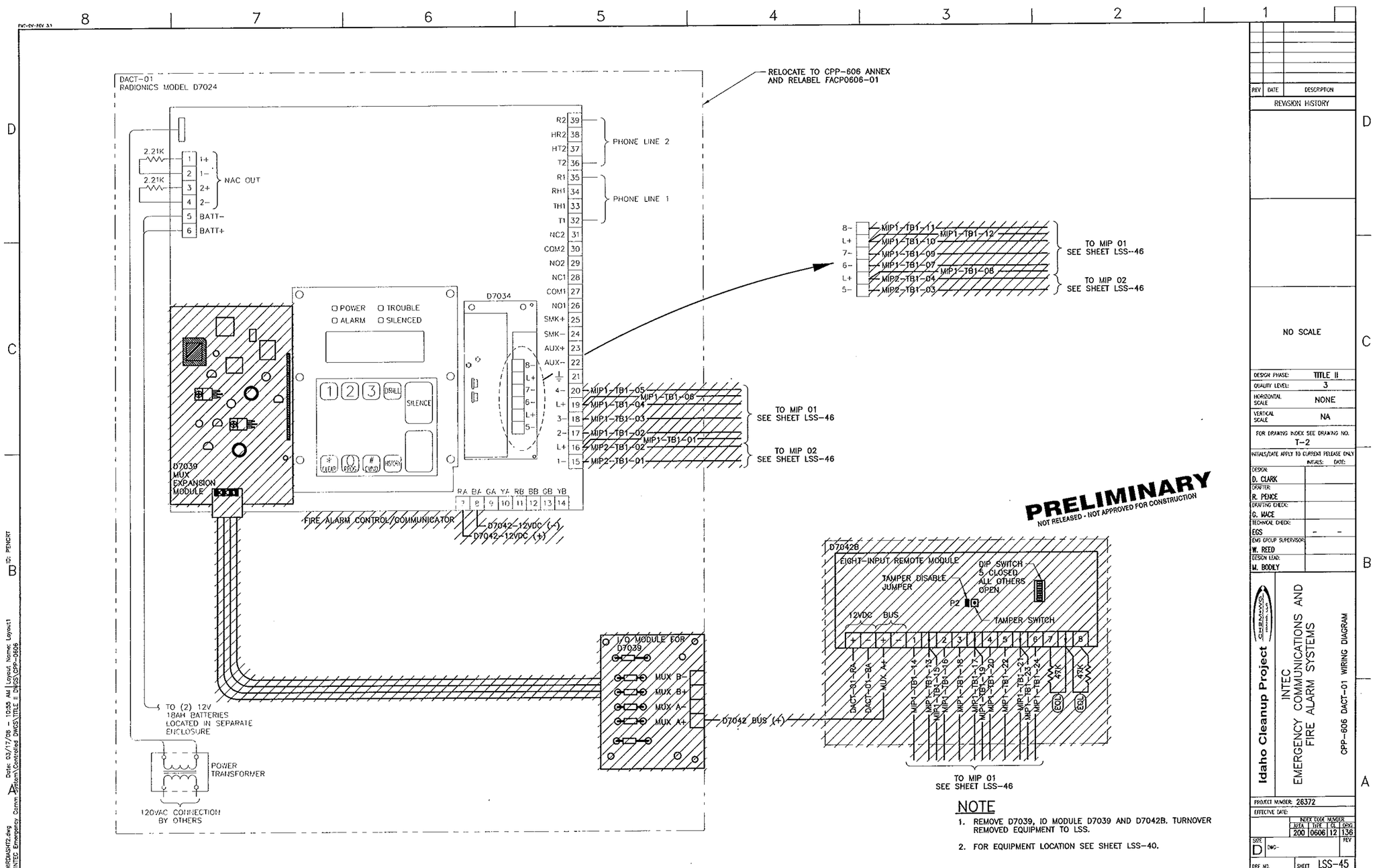
SIZE D DWG- REV

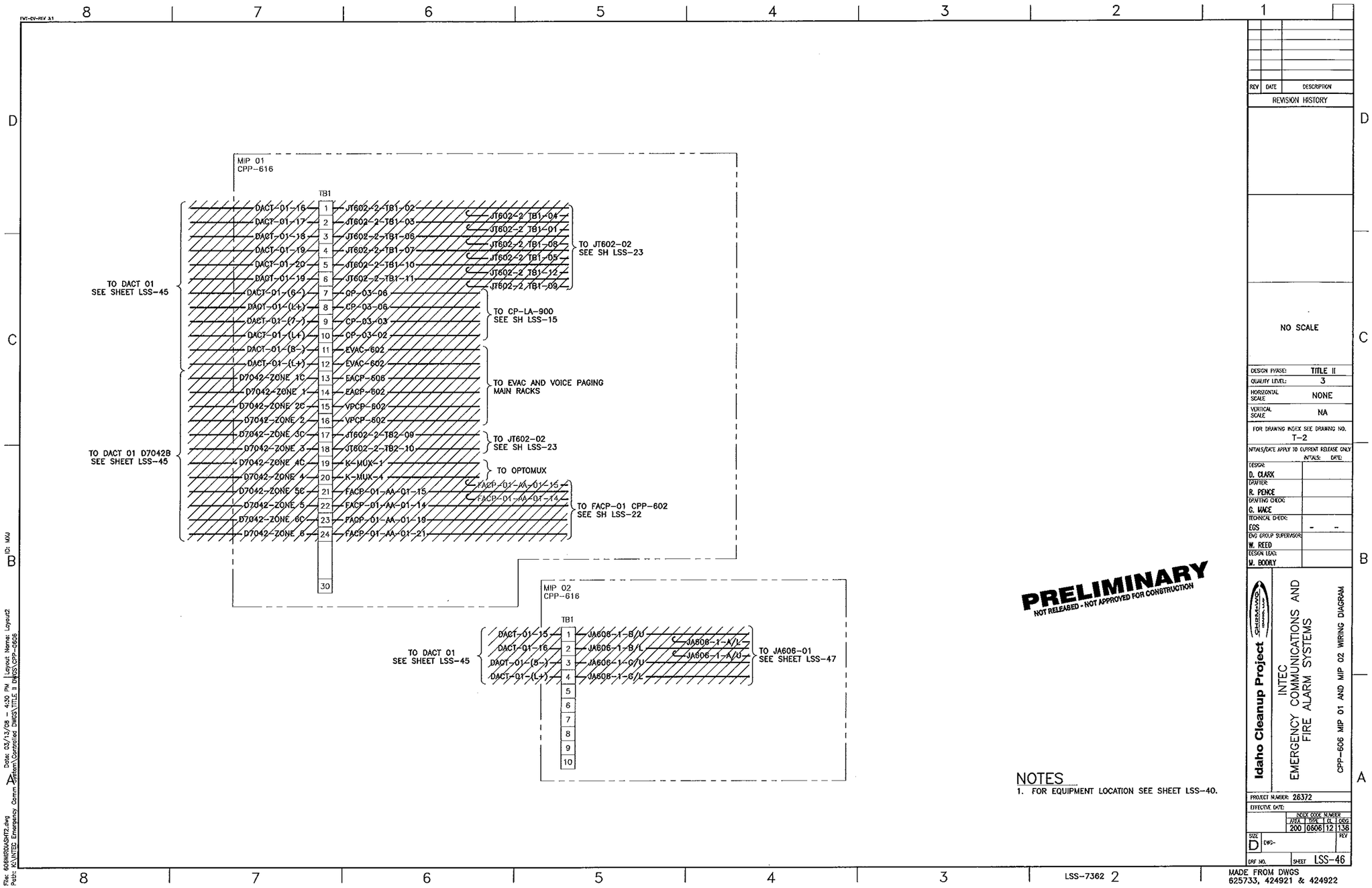
DRF NO. SHEET LSS-43

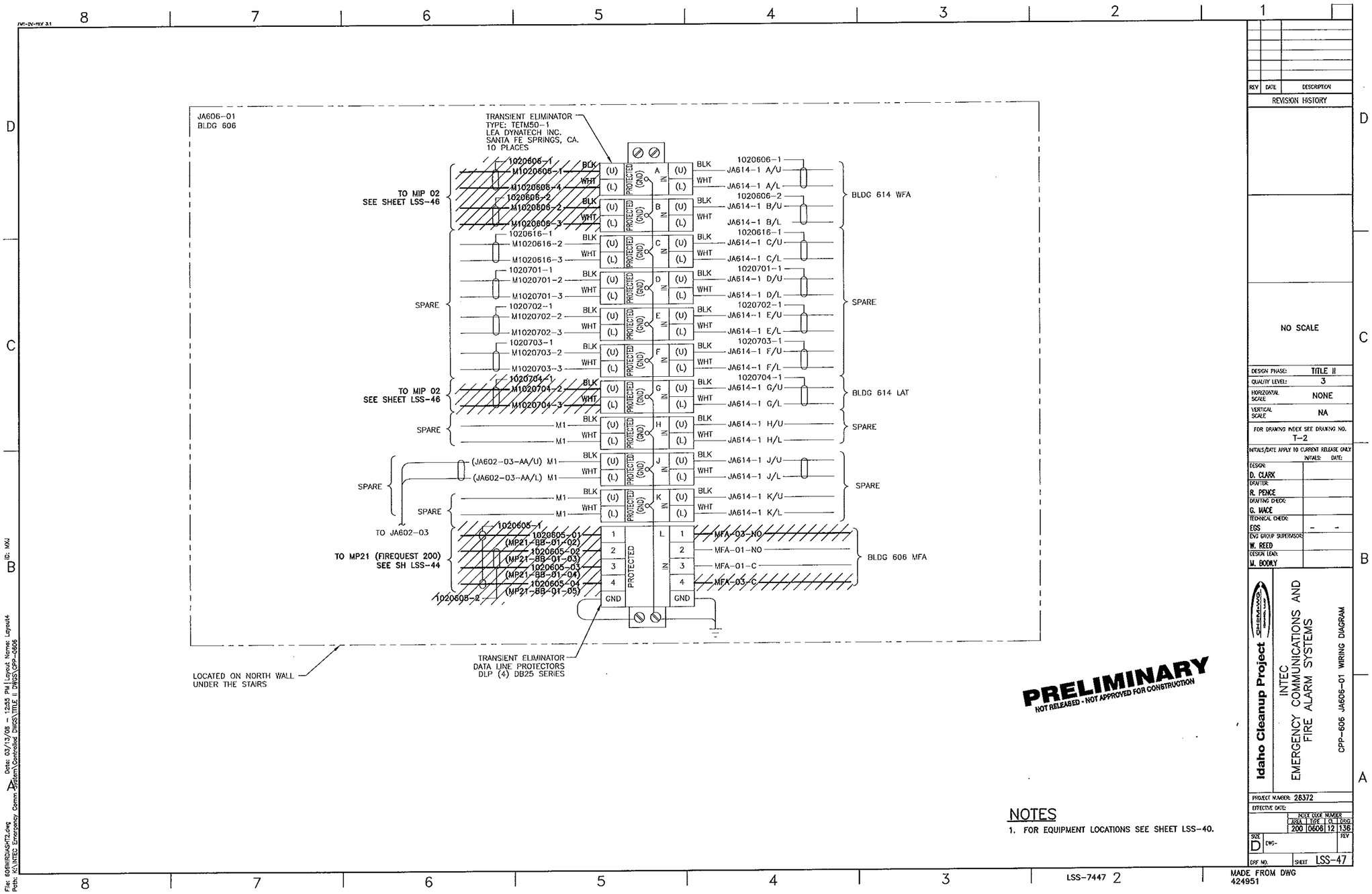
MADE FROM DWGS 444721

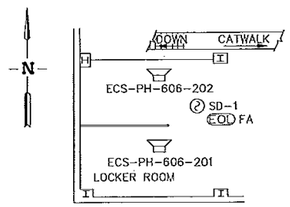
File: 606WIRDIA.dwg Date: 03/13/08 - 4:28 PM Layout Name: Layout3
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0606 ID: MKJ


MP21 (FIREQUEST 200)
BLDG 644
SEE SH LSS-43
JA606-01
BLDG 606
SEE SH LSS-47
PROTECTED
MFA-01
MFA-02
MFA-03
MP21 (FIREQUEST 200)
BLDG 644
SEE SH LSS-43
EVENT 1210113
EVENT 1210114
MFA1-1
MFA1-2
MFA1-3
MFA 01-07
MP21 (FIREQUEST 200)
BLDG 644
SEE SH LSS-43
JT606-01
BLDG 606
TS1
WF
BLDG 606
SD-2 (IONIZATION)
UNDERSIDE OF PLATFORM
SD-1
(LOCKER ROOM)
FVW-PH-8
OS&Y
BLDG 606
FVW-PH-9
OS&Y
BLDG 606
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-40.
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NONE
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: C. VACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: W. BOOKY
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-606 AND 644 FIRE ALARM WIRING DIAGRAMS
PROJECT NUMBER: 28372
EFFECTIVE DATE:
INDEX CODE NUMBER
200 0644 12 136
SIZE D
DWG-
REV
ERF NO.
SHEET LSS-44
MADE FROM DWGS 447161


DACT-01
RADIONICS MODEL D7024
RELOCATE TO CPP-606 ANNEX AND RELABEL FACP0606-01
NAC OUT
PHONE LINE 2
PHONE LINE 1
D7034
POWER
TROUBLE
ALARM
SILENCED
D7039 MUX EXPANSION MODULE
FIRE ALARM CONTROL/COMMUNICATOR
D7042-12VDC (-)
D7042-12VDC (+)
TO MIP 01 SEE SHEET LSS-46
TO MIP 02 SEE SHEET LSS-46
I/O MODULE FOR D7039
MUX B-
MUX B+
MUX A-
MUX A+
D7042 BUS (+)
D7042B
EIGHT-INPUT REMOTE MODULE
TAMPER DISABLE JUMPER
DIP SWITCH 5 CLOSED ALL OTHERS OPEN
TAMPER SWITCH
12VDC BUS
TO (2) 12V 18AH BATTERIES LOCATED IN SEPARATE ENCLOSURE
POWER TRANSFORMER
120VAC CONNECTION BY OTHERS
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTE
1. REMOVE D7039, IO MODULE D7039 AND D7042B. TURNOVER REMOVED EQUIPMENT TO LSS.
2. FOR EQUIPMENT LOCATION SEE SHEET LSS-40.
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-606 DACT-01 WIRING DIAGRAM
PROJECT NUMBER: 26372
SHEET LSS-45
MADE FROM DWGS 625733, 424921 & 424922
LSS-7362


MIP 01
CPP-616
TB1
DACT-01-16 1 JT602-2-TB1-02
DACT-01-17 2 JT602-2-TB1-03
DACT-01-18 3 JT602-2-TB1-06
DACT-01-19 4 JT602-2-TB1-07
DACT-01-20 5 JT602-2-TB1-10
DACT-01-19 6 JT602-2-TB1-11
DACT-01-(6-) 7 CP-03-06
DACT-01-(L+) 8 CP-03-06
DACT-01-(7-) 9 CP-03-03
DACT-01-(L+) 10 CP-03-02
DACT-01-(8-) 11 EVAC-602
DACT-01-(L+) 12 EVAC-602
D7042-ZONE 1C 13 EACP-606
D7042-ZONE 1 14 EACP-602
D7042-ZONE 2C 15 VPCP-602
D7042-ZONE 2 16 VPCP-602
D7042-ZONE 3C 17 JT602-2-TB2-09
D7042-ZONE 3 18 JT602-2-TB2-10
D7042-ZONE 4C 19 K-MUX-1
D7042-ZONE 4 20 K-MUX-4
D7042-ZONE 5C 21 FACP-01-AA-01-15
D7042-ZONE 5 22 FACP-01-AA-01-14
D7042-ZONE 6C 23 FACP-01-AA-01-19
D7042-ZONE 6 24 FACP-01-AA-01-21
30
JT602-2 TB1-04
JT602-2 TB1-01
JT602-2 TB1-08
JT602-2 TB1-05
JT602-2 TB1-12
JT602-2 TB1-09
TO JT602-02
SEE SH LSS-23
TO DACT 01
SEE SHEET LSS-45
TO CP-LA-900
SEE SH LSS-15
TO EVAC AND VOICE PAGING
MAIN RACKS
TO JT602-02
SEE SH LSS-23
TO DACT 01 D7042B
SEE SHEET LSS-45
TO OPTOMUX
FACP-01-AA-01-15
FACP-01-AA-01-14
TO FACP-01 CPP-602
SEE SH LSS-22
MIP 02
CPP-616
TB1
DACT-01-15 1 JA606-1-B/U
DACT-01-16 2 JA606-1-B/L
DACT-01-(5-) 3 JA606-1-G/U
DACT-01-(L+) 4 JA606-1-G/L
5
6
7
8
9
10
JA606-1-A/L
JA606-1-A/U
TO DACT 01
SEE SHEET LSS-45
TO JA606-01
SEE SHEET LSS-47
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-40.
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NONE
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOONLY
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-606 MIP 01 AND MIP 02 WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL CRG
200 0606 12 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-46
LSS-7362
MADE FROM DWGS
625733, 424921 & 424922


JA606-01
BLDG 606
TRANSIENT ELIMINATOR
TYPE: TETM50-1
LEA DYNATECH INC.
SANTA FE SPRINGS, CA.
10 PLACES
TO MIP 02
SEE SHEET LSS-46
SPARE
TO MIP 02
SEE SHEET LSS-46
SPARE
SPARE
SPARE
TO JA602-03
TO MP21 (FIREQUEST 200)
SEE SH LSS-44
BLDG 614 WFA
SPARE
BLDG 614 LAT
SPARE
SPARE
BLDG 606 MFA
PROTECTED
PROTECTED (GND)
TRANSIENT ELIMINATOR
DATA LINE PROTECTORS
DLP (4) DB25 SERIES
LOCATED ON NORTH WALL
UNDER THE STAIRS
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTES
1. FOR EQUIPMENT LOCATIONS SEE SHEET LSS-40.
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOOLY
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-606 JA606-01 WIRING DIAGRAM
PROJECT NUMBER: 28372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA 200 TYPE 0606 CL 12 DWG 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-47
MADE FROM DWG 424951
LSS-7447



ELEVATION 11'-0 1/4"

PARTIAL MEZZANINE PLAN

SCALE 3/32"=1'-0"

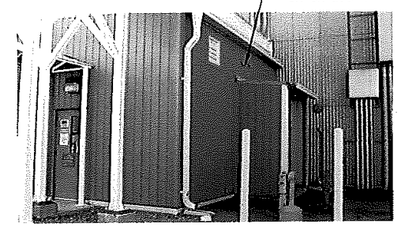
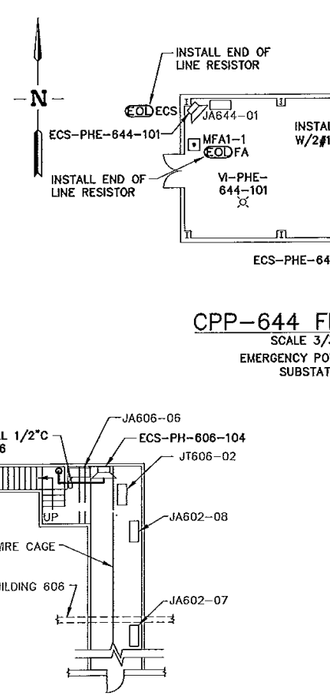


PHOTO PH-1



CPP-644 FLOOR PLAN

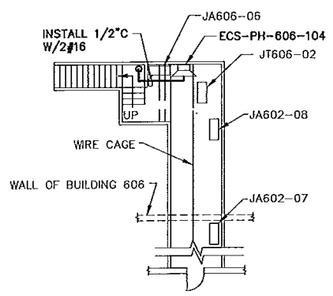
SCALE 3/32"=1'-0"
EMERGENCY POWER BUILDING
SUBSTATION 20

CPP-606 FLOOR PLAN

SCALE 3/32"=1'-0"
SERVICE BUILDING/POWERHOUSE

CPP-616 FLOOR PLAN

SCALE 3/32"=1'-0"
EMERGENCY AIR COMPRESSOR
BUILDING



ENTRY TO BUILDING 602
BASEMENT

UTILITY TUNNEL PLAN

SCALE 3/32"=1'-0"

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION
		REVISION HISTORY

SCALE: 3/32" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOBY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-606, 616, AND 644
FLOOR PLANS AND PHOTO

INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	0614	12	220
200	0616	12	220
200	0644	12	220
200	0604	12	220

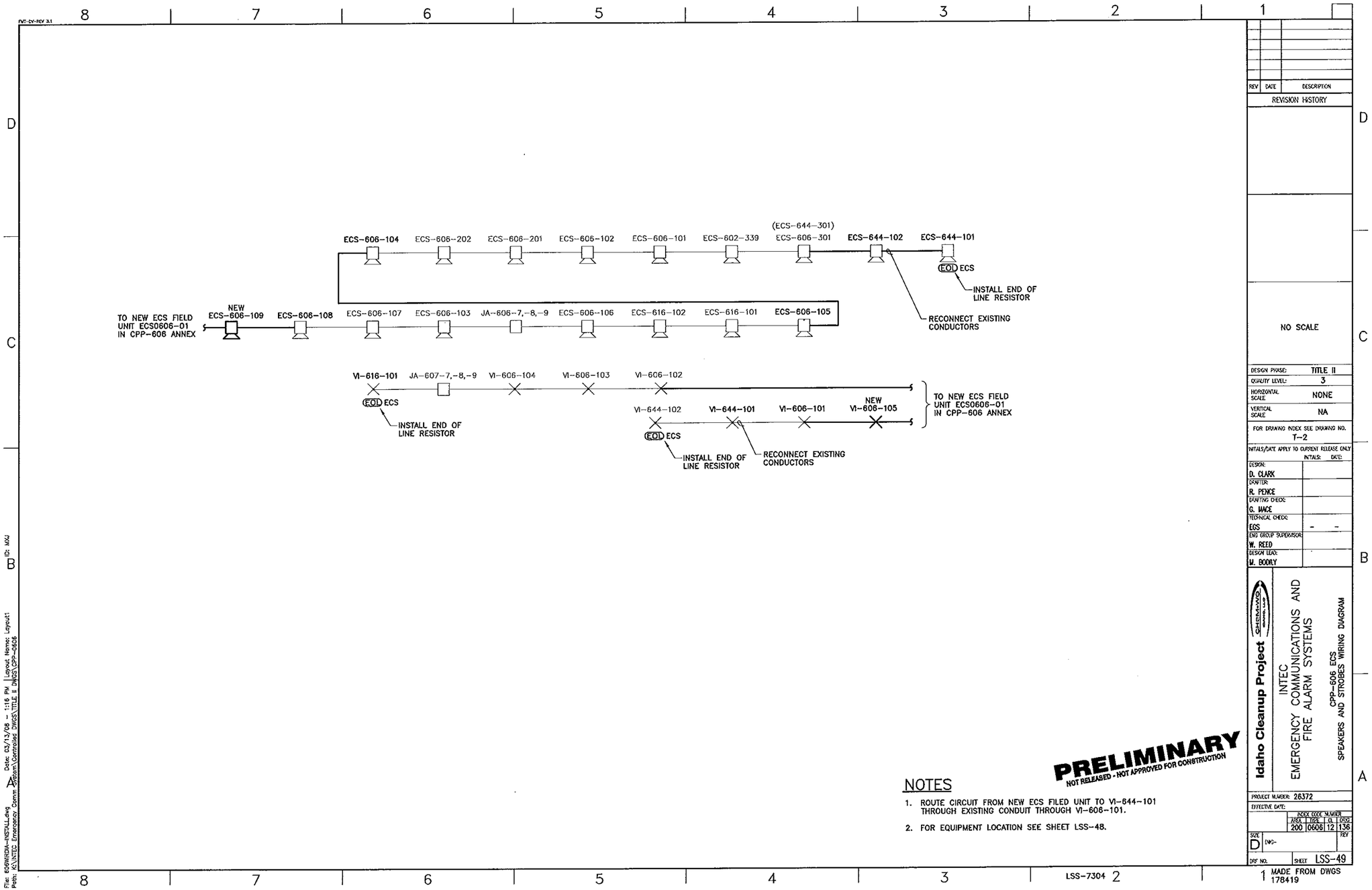
PROJECT NUMBER: 26372
EFFECTIVE DATE:

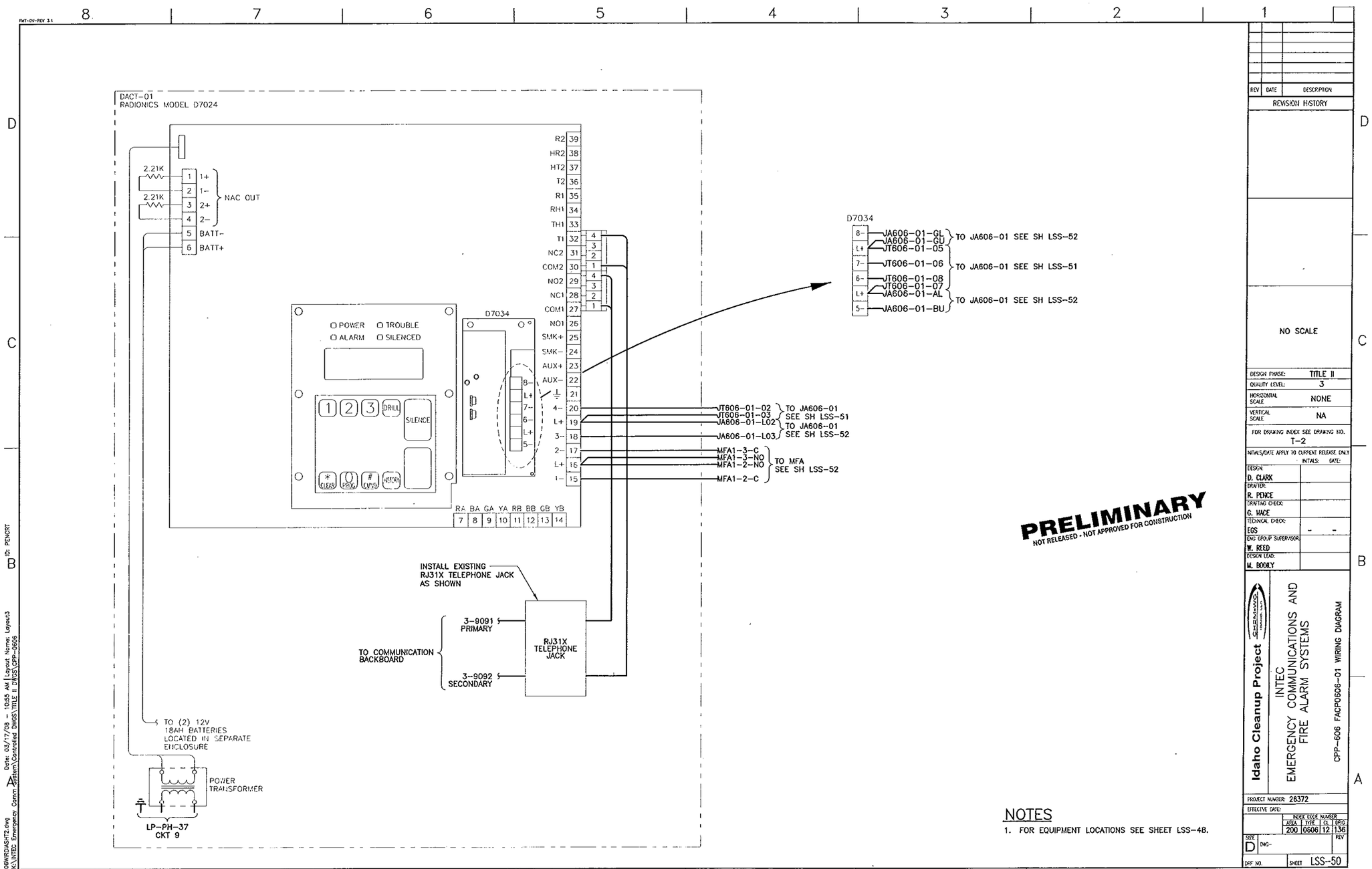
INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	0606	12	136

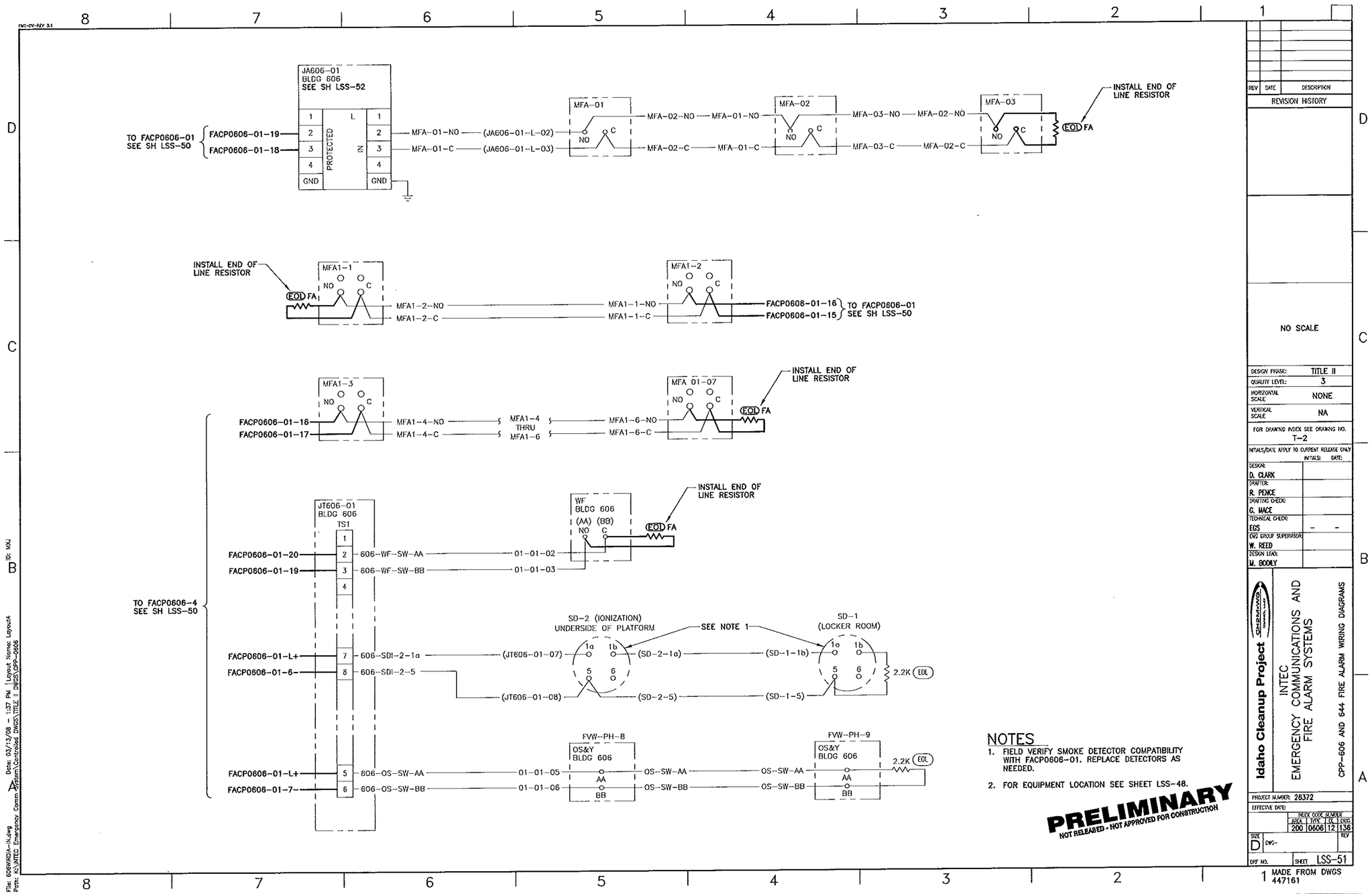
SIZE: D DWG- REV
DRF NO. SHEET LSS-48

LSS-7304

1 MADE FROM DWGS 440544 & 440543


ECS-606-104
ECS-606-202
ECS-606-201
ECS-606-102
ECS-606-101
ECS-602-339
(ECS-644-301)
ECS-606-301
ECS-644-102
ECS-644-101
EOL ECS
INSTALL END OF LINE RESISTOR
RECONNECT EXISTING CONDUCTORS
TO NEW ECS FIELD UNIT ECS0606-01 IN CPP-606 ANNEX
NEW ECS-606-109
ECS-606-108
ECS-606-107
ECS-606-103
JA-606-7,-8,-9
ECS-606-106
ECS-616-102
ECS-616-101
ECS-606-105
VI-616-101
JA-607-7,-8,-9
VI-606-104
VI-606-103
VI-606-102
EOL ECS
INSTALL END OF LINE RESISTOR
VI-644-102
VI-644-101
VI-606-101
NEW VI-606-105
EOL ECS
INSTALL END OF LINE RESISTOR
RECONNECT EXISTING CONDUCTORS
TO NEW ECS FIELD UNIT ECS0606-01 IN CPP-606 ANNEX
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTES
1. ROUTE CIRCUIT FROM NEW ECS FILED UNIT TO VI-644-101 THROUGH EXISTING CONDUIT THROUGH VI-606-101.
2. FOR EQUIPMENT LOCATION SEE SHEET LSS-48.
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: ECS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOOLY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-606 ECS SPEAKERS AND STROBES WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA 200 TYPE 0606 CL 12 ORIG 136
SIZE D DWG-
REV
DRF NO.
SHEET LSS-49
MADE FROM DWGS 178419
LSS-7304


DACT-01
RADIONICS MODEL D7024
2.21K
2.21K
1+
1-
2+
2-
NAC OUT
BATT-
BATT+
R2 39
HR2 38
HT2 37
T2 36
R1 35
RH1 34
TH1 33
T1 32
NC2 31
COM2 30
NO2 29
NC1 28
COM1 27
NO1 26
SMK+ 25
SMK- 24
AUX+ 23
AUX- 22
4- 20
L+ 19
3- 18
2- 17
L+ 16
1- 15
RA BA GA YA RB BB GB YB
7 8 9 10 11 12 13 14
POWER
TROUBLE
ALARM
SILENCED
DRILL
SILENCE
D7034
D7034
JA606-01-GL
JA606-01-GU
JT606-01-05
JT606-01-06
JT606-01-08
JT606-01-07
JA606-01-AL
JA606-01-BU
TO JA606-01 SEE SH LSS-52
TO JA606-01 SEE SH LSS-51
TO JA606-01 SEE SH LSS-52
JT606-01-02
JT606-01-03
JA606-01-L02
JA606-01-L03
TO JA606-01 SEE SH LSS-51
TO JA606-01 SEE SH LSS-52
MFA1-3-C
MFA1-3-NO
MFA1-2-NO
MFA1-2-C
TO MFA SEE SH LSS-52
INSTALL EXISTING RJ31X TELEPHONE JACK AS SHOWN
3-9091 PRIMARY
3-9092 SECONDARY
TO COMMUNICATION BACKBOARD
RJ31X TELEPHONE JACK
TO (2) 12V 18AH BATTERIES LOCATED IN SEPARATE ENCLOSURE
POWER TRANSFORMER
LP-PH-37 CKT 9
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTES
1. FOR EQUIPMENT LOCATIONS SEE SHEET LSS-48.
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NONE
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
D. CLARK
R. PENCE
G. MACE
EGS
W. REED
M. BODILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-606 FACP0606-01 WIRING DIAGRAM
PROJECT NUMBER: 26372
200 0606 12 136
D
LSS-50
LSS-7362
MADE FROM DWGS 625733, 424921 & 424922



NOTES

1. FIELD VERIFY SMOKE DETECTOR COMPATIBILITY WITH FACP0606-01. REPLACE DETECTORS AS NEEDED.
2. FOR EQUIPMENT LOCATION SEE SHEET LSS-48.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOKY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-606 AND 644 FIRE ALARM WIRING DIAGRAMS

PROJECT NUMBER: 26372

EFFECTIVE DATE:

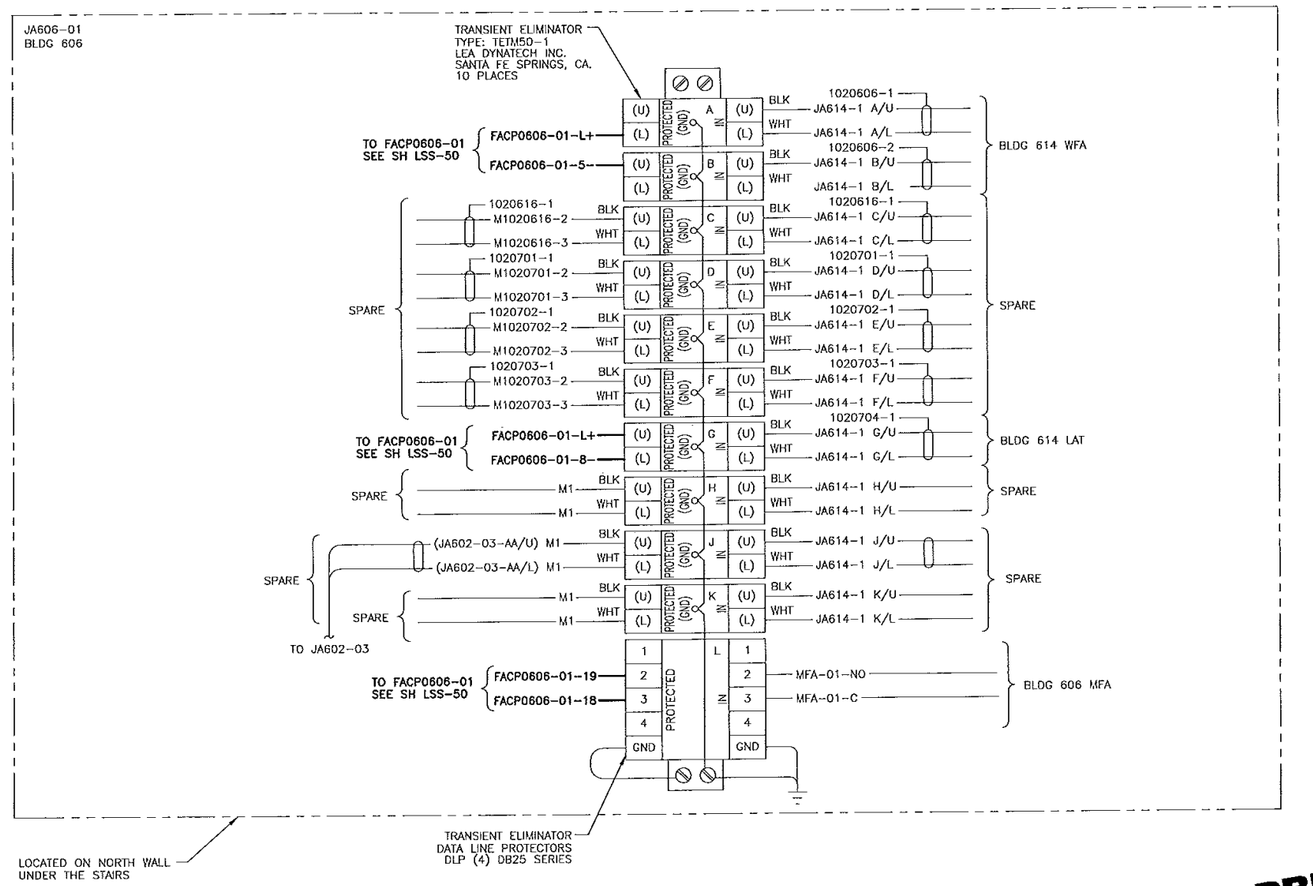
INDEX CODE NUMBER			
AREA	TYPE	DL	CROC
200	0606	12	138

SIZE D DWG- REV

DRF NO. SHEET LSS-51

MADE FROM DWGS 447161

File: 606WIRD4-INL.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0606
Date: 03/13/08 - 1:37 PM Layout Name: Layout4 ID: MXJ



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES
1. FOR EQUIPMENT LOCATIONS SEE SHEET LSS-48.

REVISION HISTORY

NO SCALE

DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

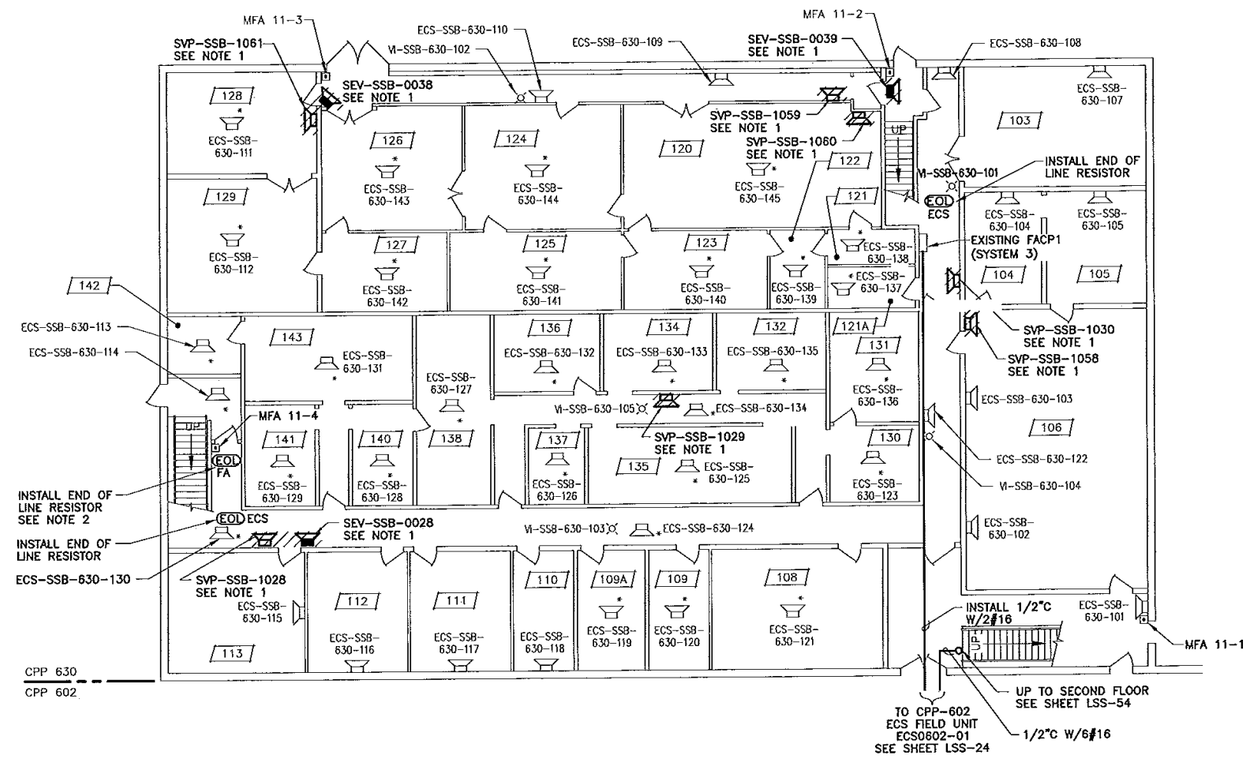
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. WACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOORLY

Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-606 JA606-01 WIRING DIAGRAM

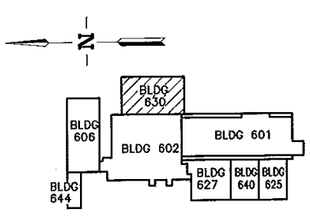
PROJECT NUMBER: 28372
EFFECTIVE DATE:
INDEX CODE NUMBER: ASA 200 TYPE 0608 CL 12 ORG 136
SIZE D DWG- REV
OFF NO. SHEET LSS-52

LSS-7447 2
MADE FROM DWG 424951

File: 606WIRDIASHTZ.dwg Date: 03/13/08 - 1:39 PM Layout Name: Layout5
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0606 ID: MXJ



CPP-630 FIRST FLOOR PLAN



KEY PLAN

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. REMOVE SEV AND SVP SPEAKERS AND CONDUCTORS BACK TO THE EVACUATION AND VOICE PAGING MAIN RACKS IN CPP-606. SEE SHEET LSS-40.
2. FIELD VERIFY LOCATION FOR EOL.

REV	DATE	DESCRIPTION

REVISION HISTORY

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

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	1/8"=1'-0"
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: C. WACE		
TECHNICAL CHECK: EGS	--	--
DWG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOILY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-630 FIRST FLOOR PLAN

PROJECT NUMBER: 28372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	CODE
200	0630	12	136

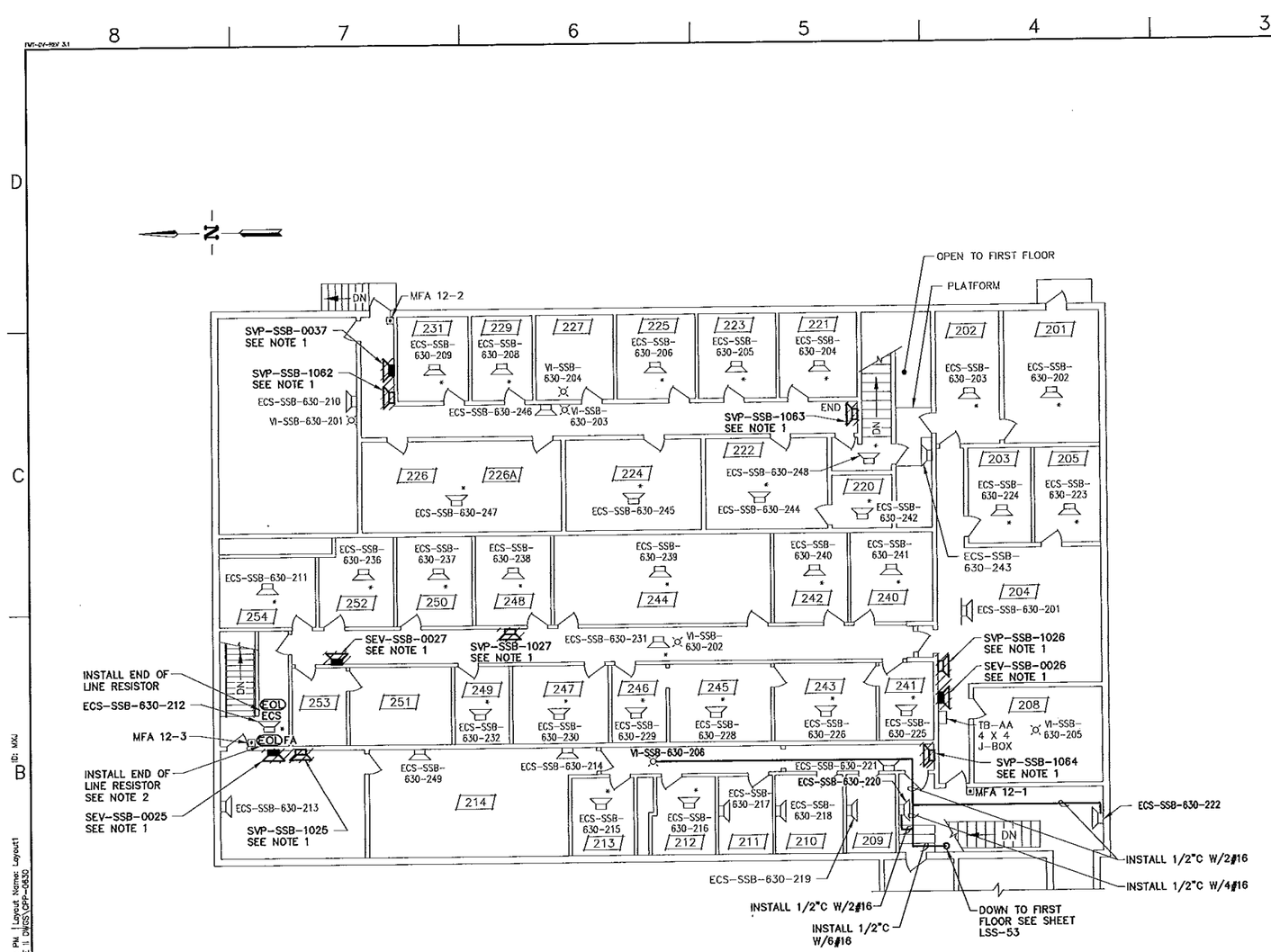
SIZE D DWG- REV

DSF NO. SHEET LSS-53

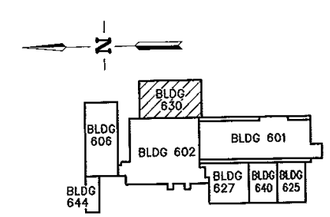
MADE FROM DWG 427748 SHEET 1

LSS-7161

File: 1630FLPLAN.dwg Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0630 Date: 03/13/08 - 2:20 PM Layout Name: Layout1 ID: MAJ



CPP-630 SECOND FLOOR PLAN



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. REMOVE SEV AND SVP SPEAKERS AND CONDUCTORS BACK TO THE EVACUATION AND VOICE PAGING MAIN RACKS IN CPP-606. SEE SH LSS-40
2. FIELD VERIFY LOCATION OF EOL.

REV	DATE	DESCRIPTION

REVISION HISTORY

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

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	1/8"=1'-0"
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WADE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOORY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-630 SECOND FLOOR PLAN

PROJECT NUMBER: 26372

EFFECTIVE DATE:

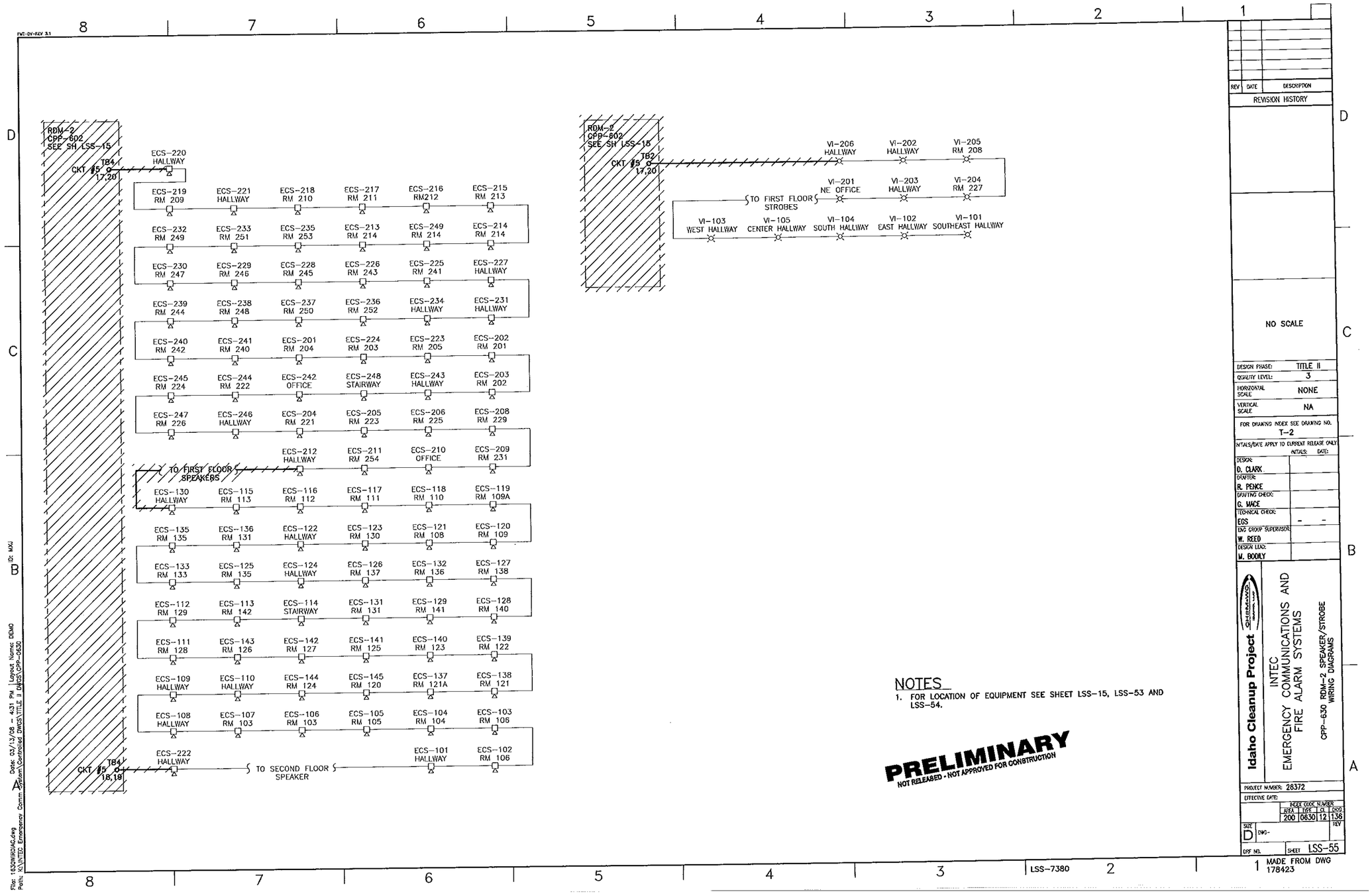
INDEX CODE NUMBER			
AREA	TYPE	CL	CHRG
200	0630	12	136

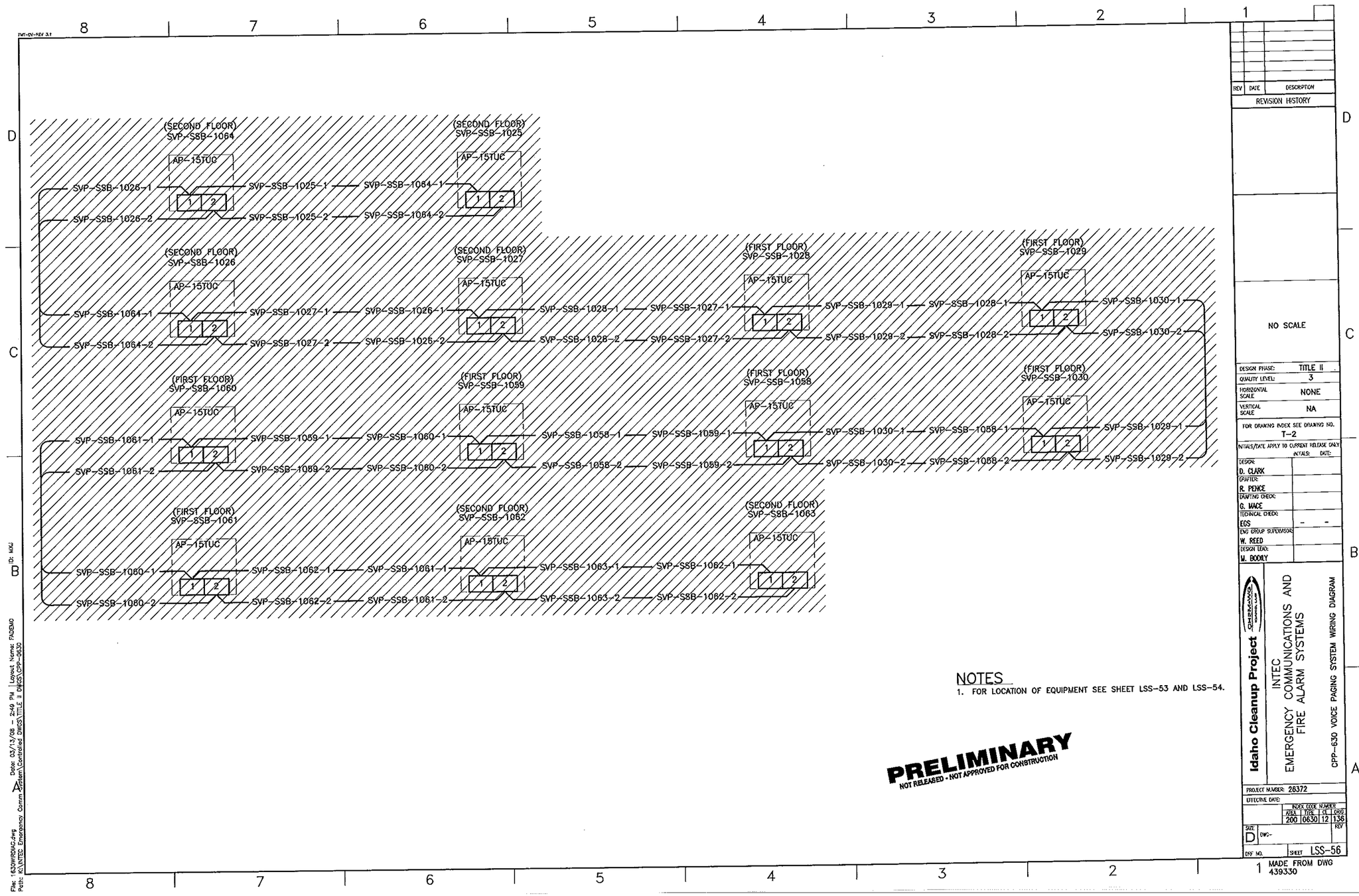
SIZE D DWG- REV

DWG NO. SHEET LSS-54

MADE FROM DWG 427748 SHEET 2

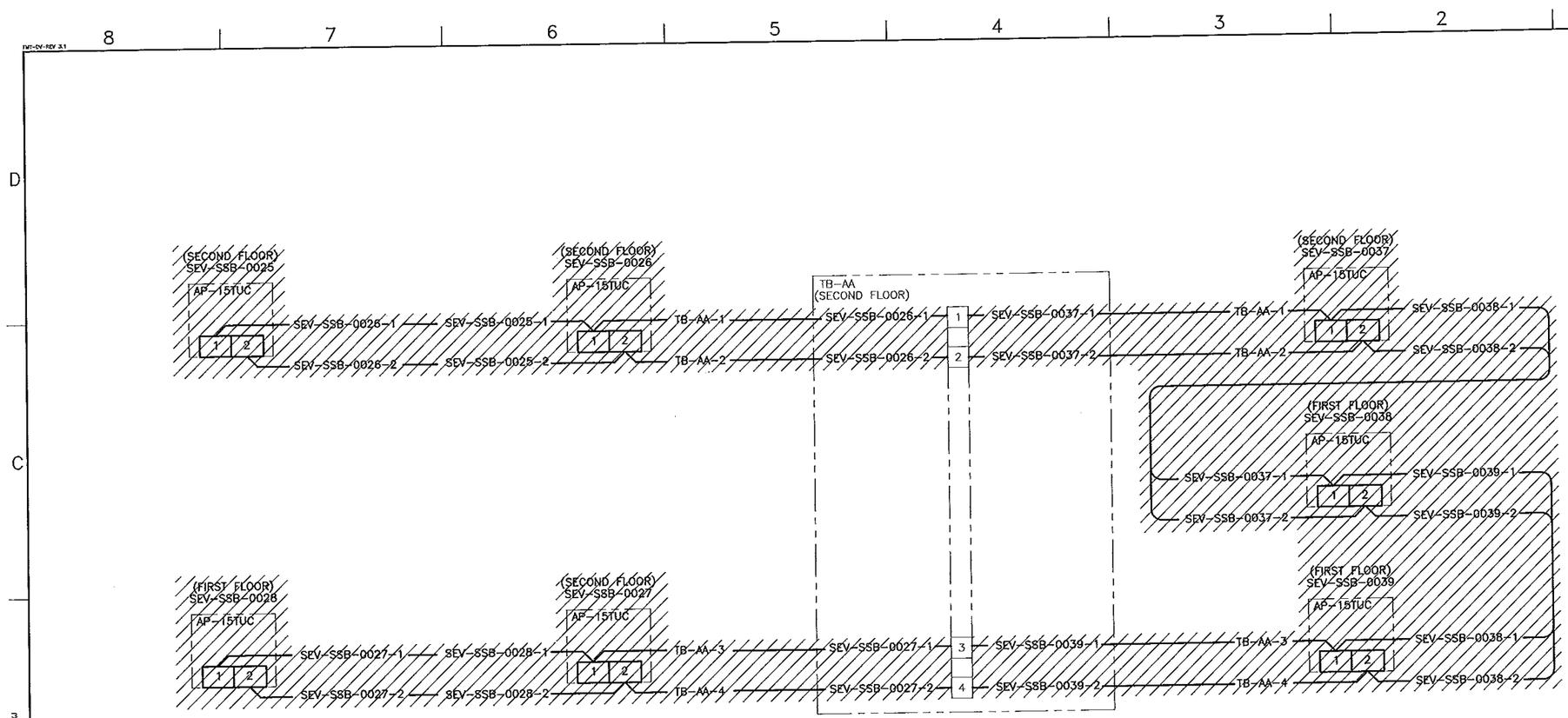
INTEC Emergency Communication System (E.3.01.02.02)
Estimating Backup - Attachment C
Preliminary ECS Drawings





NOTES

1. FOR LOCATION OF EQUIPMENT SEE SHEET LSS-53 AND LSS-54.



NOTES

1. FOR LOCATION OF EQUIPMENT SEE SHEET LSS-53 AND LSS-54.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOORY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-630 EVACUATION SYSTEM WIRING DIAGRAM

PROJECT NUMBER: 26372

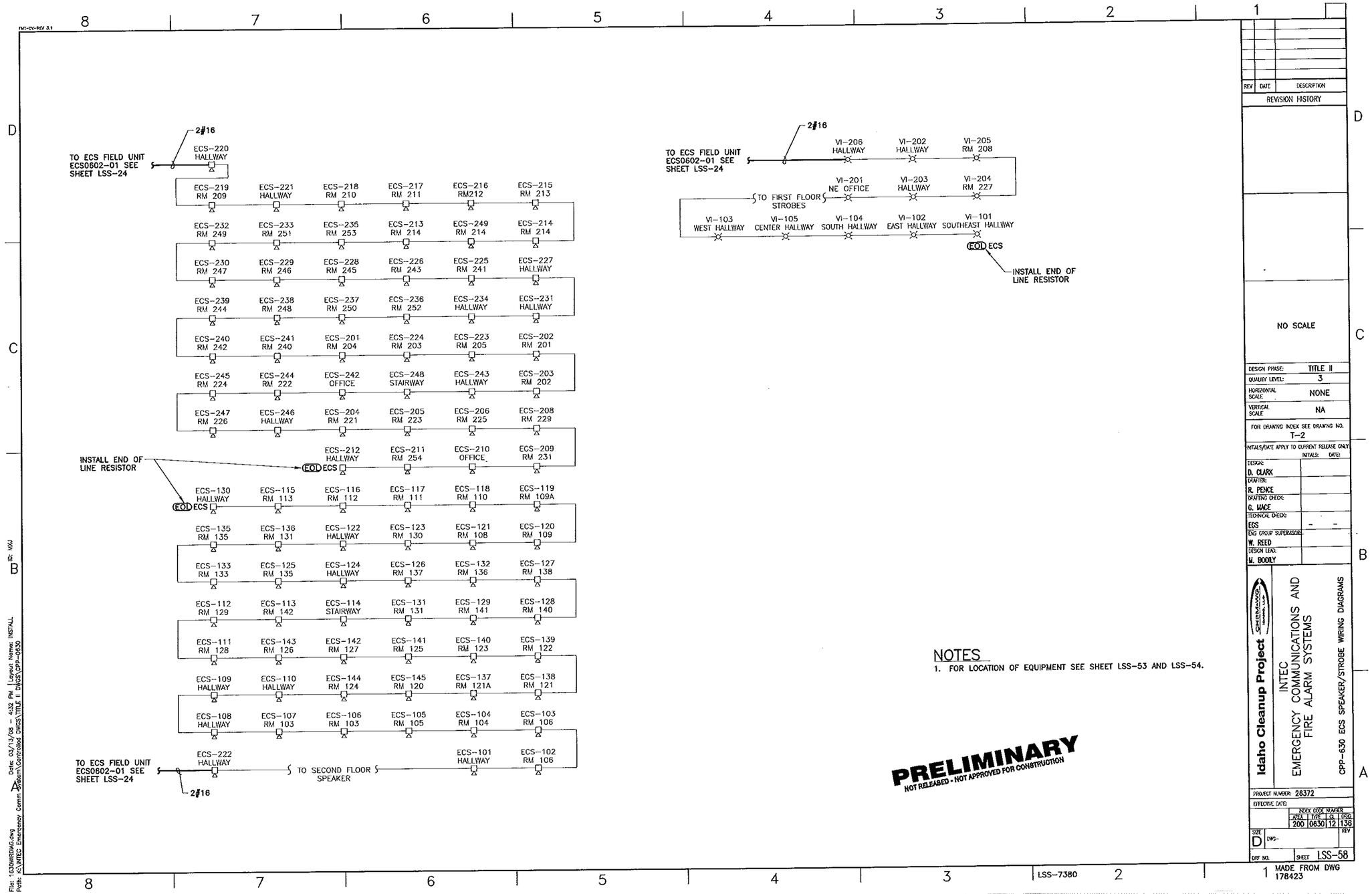
EFFECTIVE DATE:

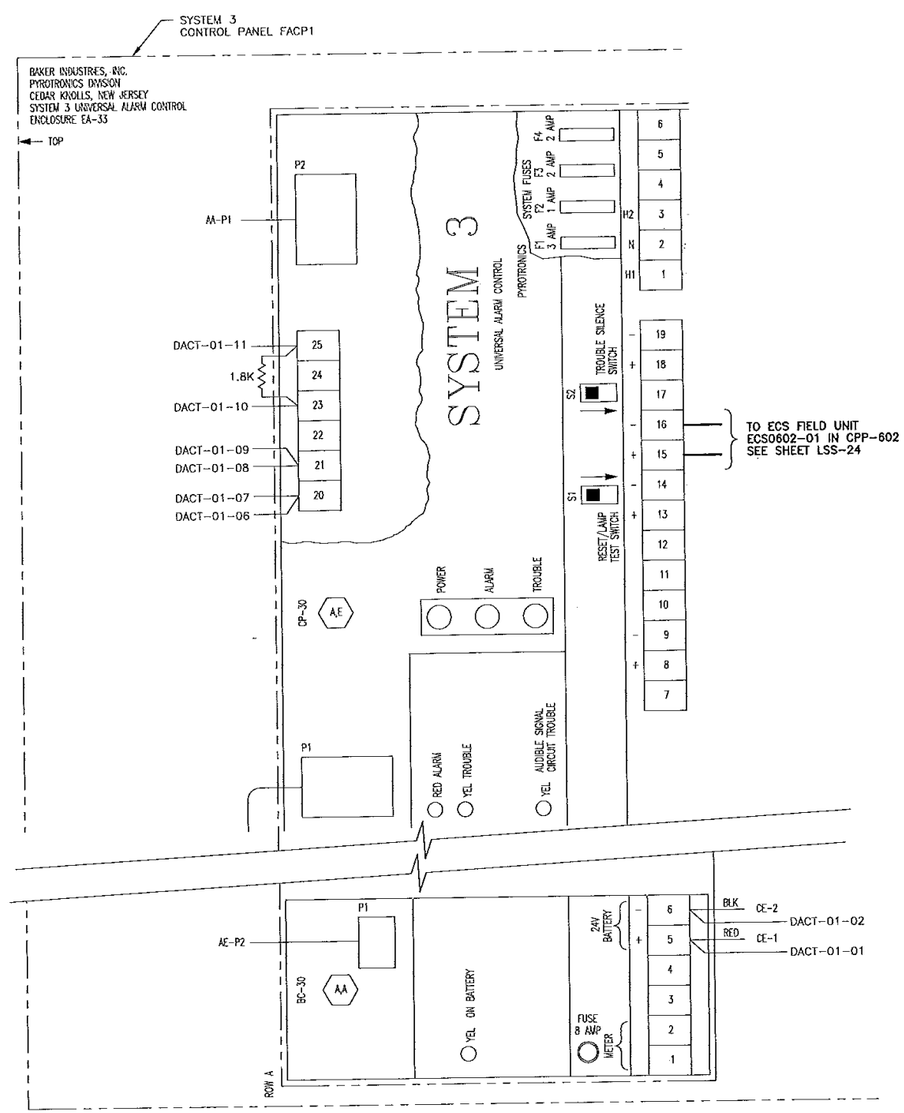
INDEX CODE NUMBER			
AREA	TYPE	CL	GROUP
200	0630	12	136

SIZE: D DWG-: REV

DRF NO. SHEET LSS-57

MADE FROM DWG 439331


TO ECS FIELD UNIT ECS0602-01 SEE SHEET LSS-24
2#16
ECS-220 HALLWAY
ECS-219 RM 209
ECS-221 HALLWAY
ECS-218 RM 210
ECS-217 RM 211
ECS-216 RM212
ECS-215 RM 213
ECS-232 RM 249
ECS-233 RM 251
ECS-235 RM 253
ECS-213 RM 214
ECS-249 RM 214
ECS-214 RM 214
ECS-230 RM 247
ECS-229 RM 246
ECS-228 RM 245
ECS-226 RM 243
ECS-225 RM 241
ECS-227 HALLWAY
ECS-239 RM 244
ECS-238 RM 248
ECS-237 RM 250
ECS-236 RM 252
ECS-234 HALLWAY
ECS-231 HALLWAY
ECS-240 RM 242
ECS-241 RM 240
ECS-201 RM 204
ECS-224 RM 203
ECS-223 RM 205
ECS-202 RM 201
ECS-245 RM 224
ECS-244 RM 222
ECS-242 OFFICE
ECS-248 STAIRWAY
ECS-243 HALLWAY
ECS-203 RM 202
ECS-247 RM 226
ECS-246 HALLWAY
ECS-204 RM 221
ECS-205 RM 223
ECS-206 RM 225
ECS-208 RM 229
ECS-212 HALLWAY
ECS-211 RM 254
ECS-210 OFFICE
ECS-209 RM 231
INSTALL END OF LINE RESISTOR
EOL ECS
ECS-130 HALLWAY
ECS-115 RM 113
ECS-116 RM 112
ECS-117 RM 111
ECS-118 RM 110
ECS-119 RM 109A
ECS-135 RM 135
ECS-136 RM 131
ECS-122 HALLWAY
ECS-123 RM 130
ECS-121 RM 108
ECS-120 RM 109
ECS-133 RM 133
ECS-125 RM 135
ECS-124 HALLWAY
ECS-126 RM 137
ECS-132 RM 136
ECS-127 RM 138
ECS-112 RM 129
ECS-113 RM 142
ECS-114 STAIRWAY
ECS-131 RM 131
ECS-129 RM 141
ECS-128 RM 140
ECS-111 RM 128
ECS-143 RM 126
ECS-142 RM 127
ECS-141 RM 125
ECS-140 RM 123
ECS-139 RM 122
ECS-109 HALLWAY
ECS-110 HALLWAY
ECS-144 RM 124
ECS-145 RM 120
ECS-137 RM 121A
ECS-138 RM 121
ECS-108 HALLWAY
ECS-107 RM 103
ECS-106 RM 103
ECS-105 RM 105
ECS-104 RM 104
ECS-103 RM 106
ECS-222 HALLWAY
TO SECOND FLOOR SPEAKER
ECS-101 HALLWAY
ECS-102 RM 106
TO ECS FIELD UNIT ECS0602-01 SEE SHEET LSS-24
2#16
VI-206 HALLWAY
VI-202 HALLWAY
VI-205 RM 208
VI-201 NE OFFICE
VI-203 HALLWAY
VI-204 RM 227
TO FIRST FLOOR STROBES
VI-103 WEST HALLWAY
VI-105 CENTER HALLWAY
VI-104 SOUTH HALLWAY
VI-102 EAST HALLWAY
VI-101 SOUTHEAST HALLWAY
EOL ECS
INSTALL END OF LINE RESISTOR
NOTES
1. FOR LOCATION OF EQUIPMENT SEE SHEET LSS-53 AND LSS-54.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: ECS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOOLY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-630 ECS SPEAKER/STROBE WIRING DIAGRAMS
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA 200 TYPE 0630 CL 12 ORIG 136
SIZE D
SHEET LSS-58
MADE FROM DWG 178423
LSS-7380



PRELIMINARY
NOT RELEASED • NOT APPROVED FOR CONSTRUCTION

NOTES

1. FOR LOCATION OF EQUIPMENT SEE SHEET LSS-53.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOHLY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-630 FACP1 SYSTEM 3 PARTIAL WIRING DIAGRAM

PROJECT NUMBER: 28372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	GROUP
200	0630	12	136

SIZE D DWG- REV

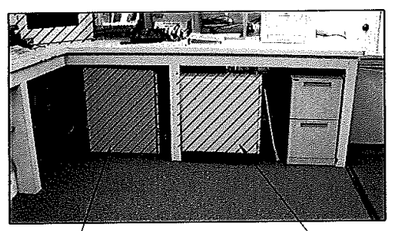
DFF NO. SHEET LSS-59

MADE FROM DWG 424972

File: FACP1.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0630
Date: 03/13/08 - 2:51 PM Layout Name: Sheet 1 ID: MAV

REMOVE ECS REMOTE MIC 1 (CP-MP-901) SEE NOTE 3

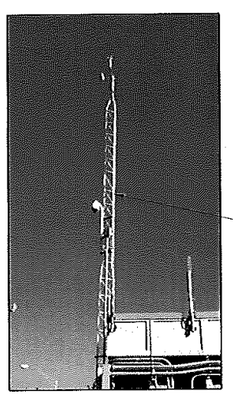
PHOTO PH-1



REMOVE SEV/SVP CONTROL BOX SEE NOTE 1

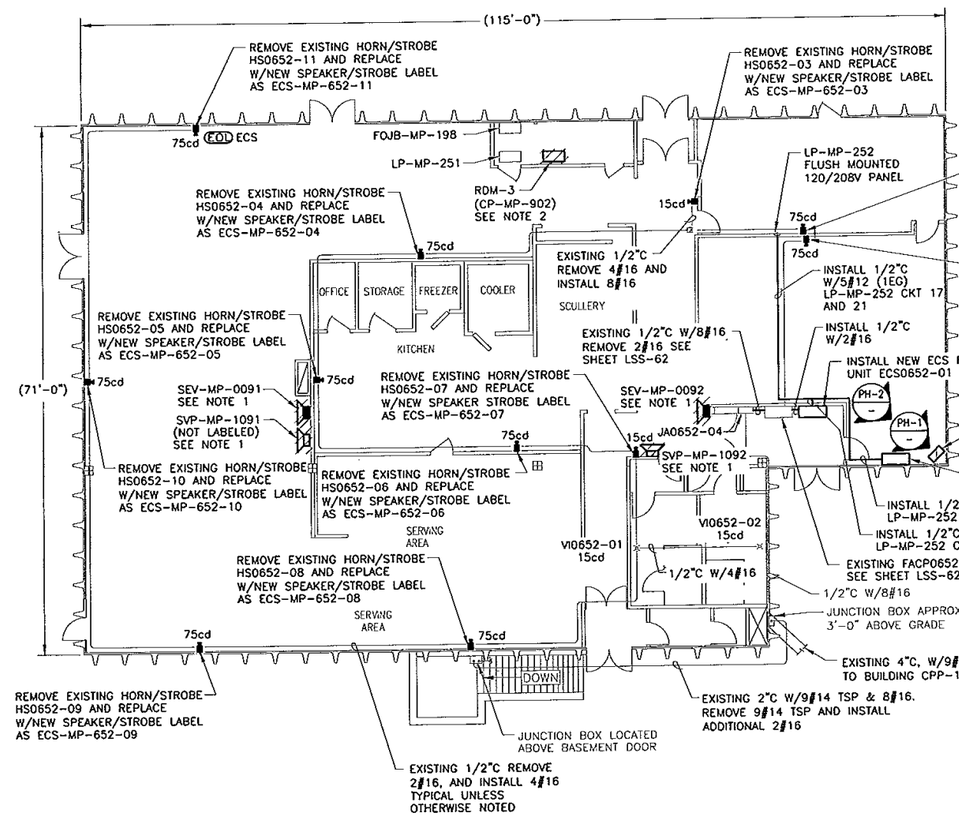
REMOVE REMOTE MIC 1 BATTERIES AND ENCLOSURE

PHOTO PH-2



INSTALL ANTENNA IN THIS GENERAL VICINITY PER EQUIPMENT SUPPLIERS RECOMMENDATION

PHOTO PH-3



CPP-652 FLOOR PLAN

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

NOTES

1. REMOVE SVP AND SEV SPEAKERS, CONTROL BOX AND CONDUCTORS BACK TO JUNCTION BOX IN CPP-652 BASEMENT.
2. REMOVE RDM-3 AND ASSOCIATED CONDUIT BACK TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE BACK TO FOJB-MP-198. REMOVE POWER CONDUCTORS BACK TO LP-MP-251 CIRCUIT 32.
3. REMOVE REMOTE MIC 1 AND ASSOCIATED CONDUIT BACK TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE BACK TO FOJB-198. REMOVE POWER CONDUCTORS BACK TO LP-MP-251.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

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

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOBLY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-652 FLOOR PLAN AND PHOTOS

PROJECT NUMBER: 26372

EFFECTIVE DATE:

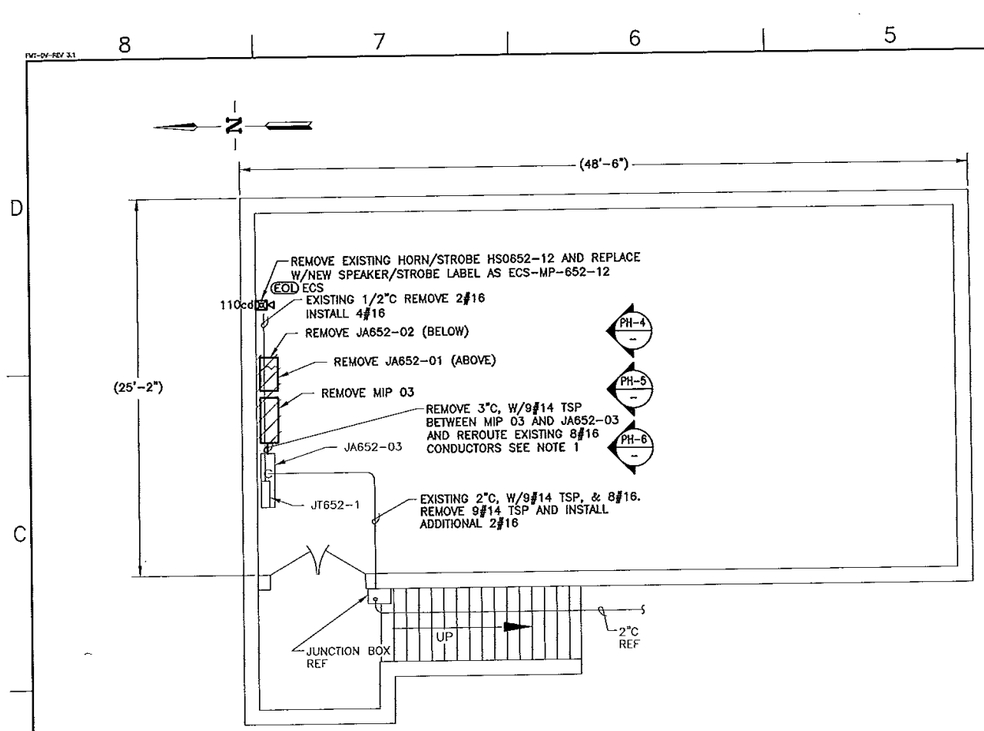
INDEX CODE NUMBER			
AREA	TYPE	FN	DISC
200	0652	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-60

MADE FROM DWGS 440585 & 522822

File: CPP-652PLAN.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0652
Date: 03/25/08 - 9:16 AM | Layout Name: Layout1
ID: PENCRT



CPP-652 BASEMENT FLOOR PLAN

SCALE: 1/4"= 1'-0"

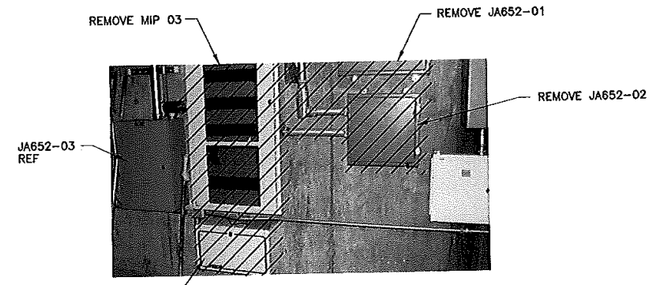


PHOTO PH-5

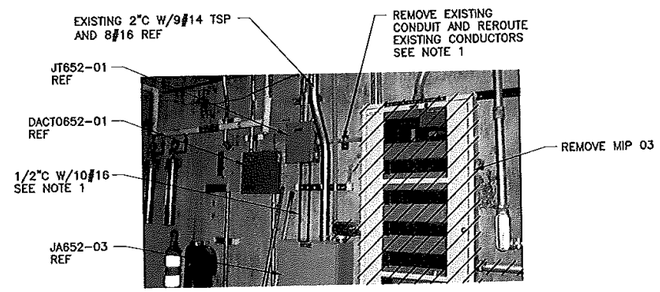


PHOTO PH-6

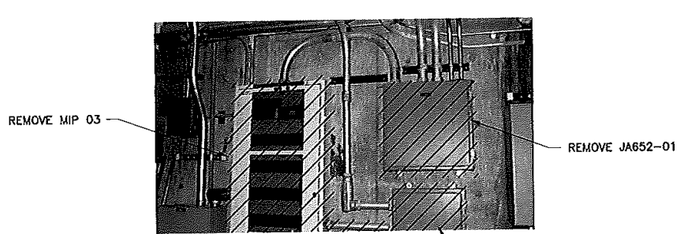


PHOTO PH-4

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTE

1. EXISTING 8#16 TO JT652-01 PASSES THROUGH JA652-03 AND MIP-03. PULL THE CONDUCTORS BACK TO JA652-03 AND REROUTE THEM TO JT652-01 VIA A NEW 1/2"C, INSTALL ADDITIONAL 2#16.

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1/4" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: W. BOOBY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-652 BASEMENT FLOOR PLAN AND PHOTOS

PROJECT NUMBER: 28372

EFFECTIVE DATE:

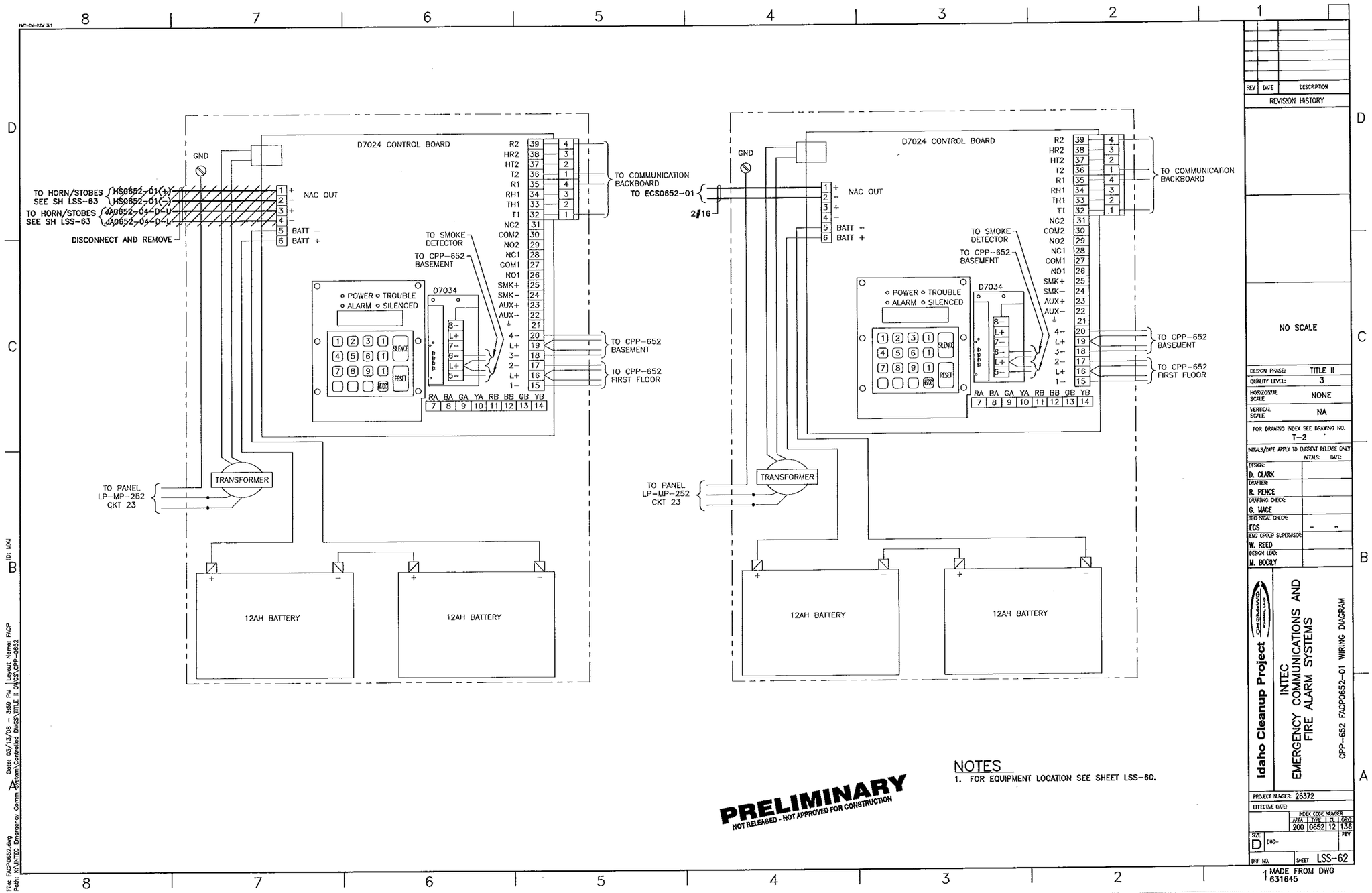
INDEX CODE NUMBER			
AREA	TYPE	Q	LORD
200	0652	12	136

SIZE D DWG- REV

DWF NO. SHEET LSS-61

1 MADE FROM DWGS 440585 & 522822

File: CPP-652BASMTPLAN.dwg Date: 03/13/08 - 3:17 PM Layout Name: Layout1
Path: K:\INTEC Emergency Comm. System\Controlled DWGS\TITLE II DWGS\CPP-0652 ID: MJW



NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-60.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION
REVISION HISTORY		

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: ECS	–	–
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: W. BOORY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-652 FACP0652-01 WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

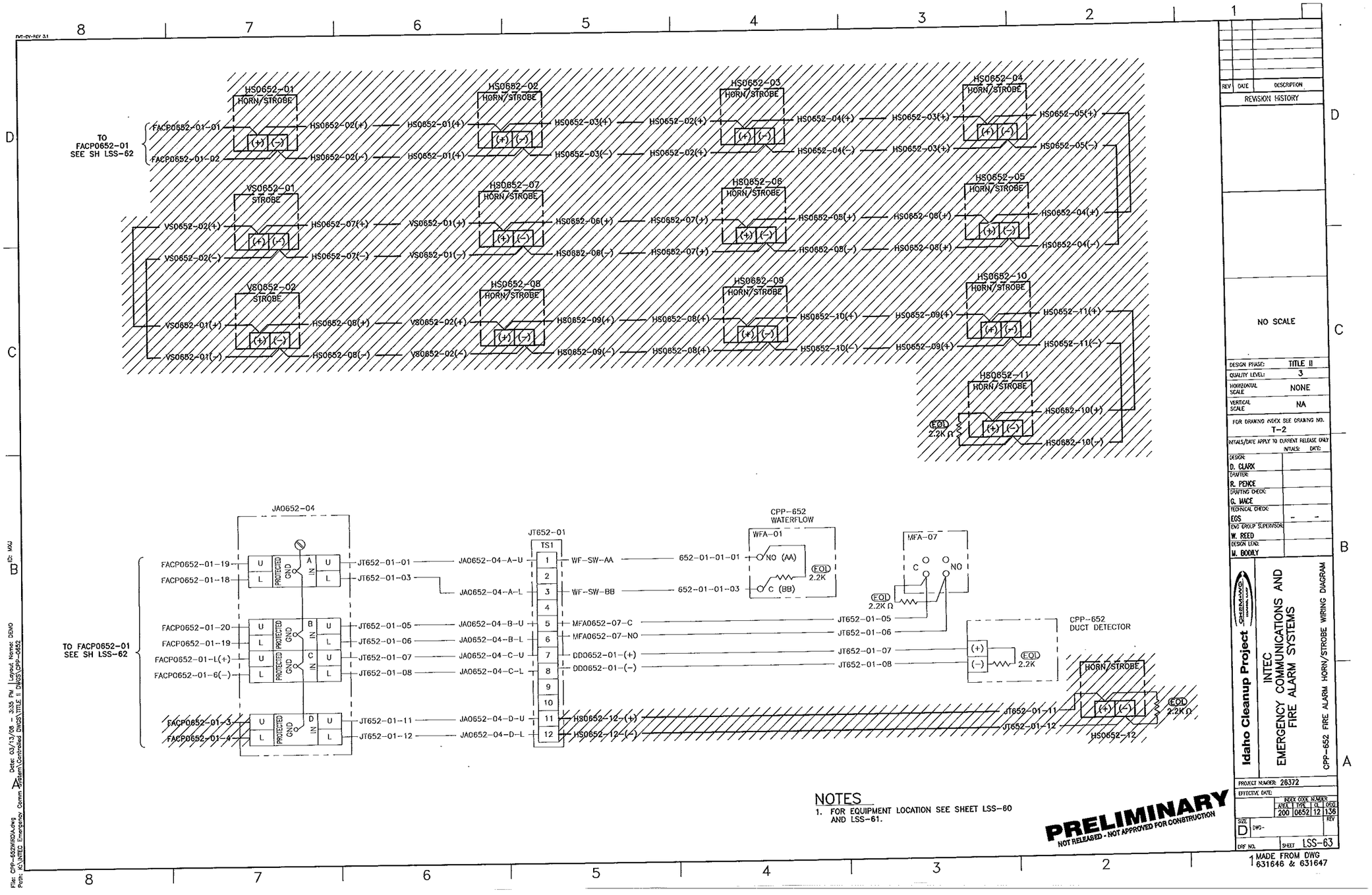
INDEX CODE NUMBER			
AREA	TYPE	CL	DEG
200	0652	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-62

1 MADE FROM DWG 631645

File: FACP0652.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0652
Date: 03/13/08 – 3:59 PM | Layout Name: FACP
ID: MJW



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-60 AND LSS-61.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOLY		

Idaho Cleanup Project
CH2MHILL

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-652 FIRE ALARM HORN/STROBE WIRING DIAGRAM

PROJECT NUMBER 26372

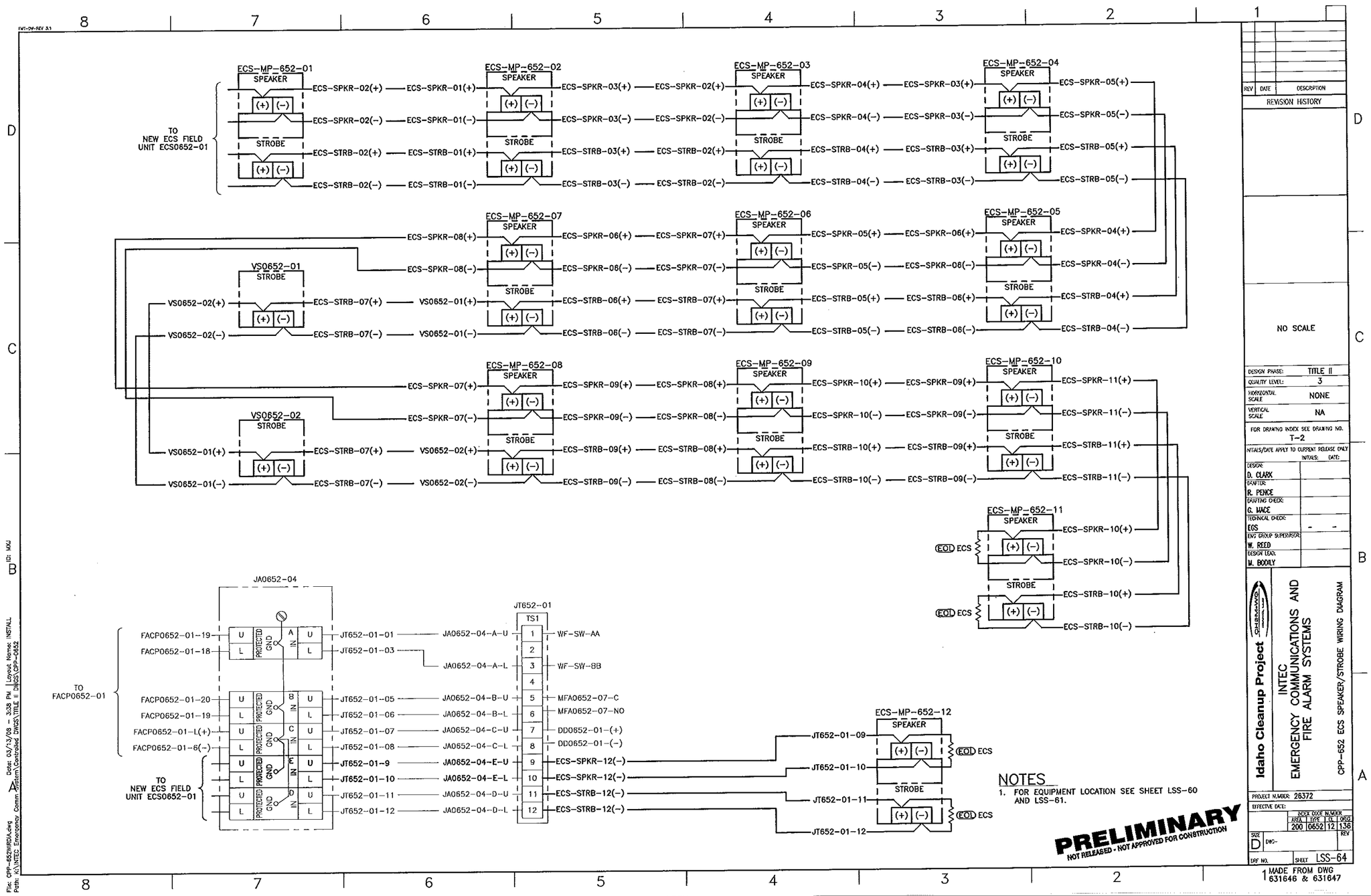
EFFECTIVE DATE:

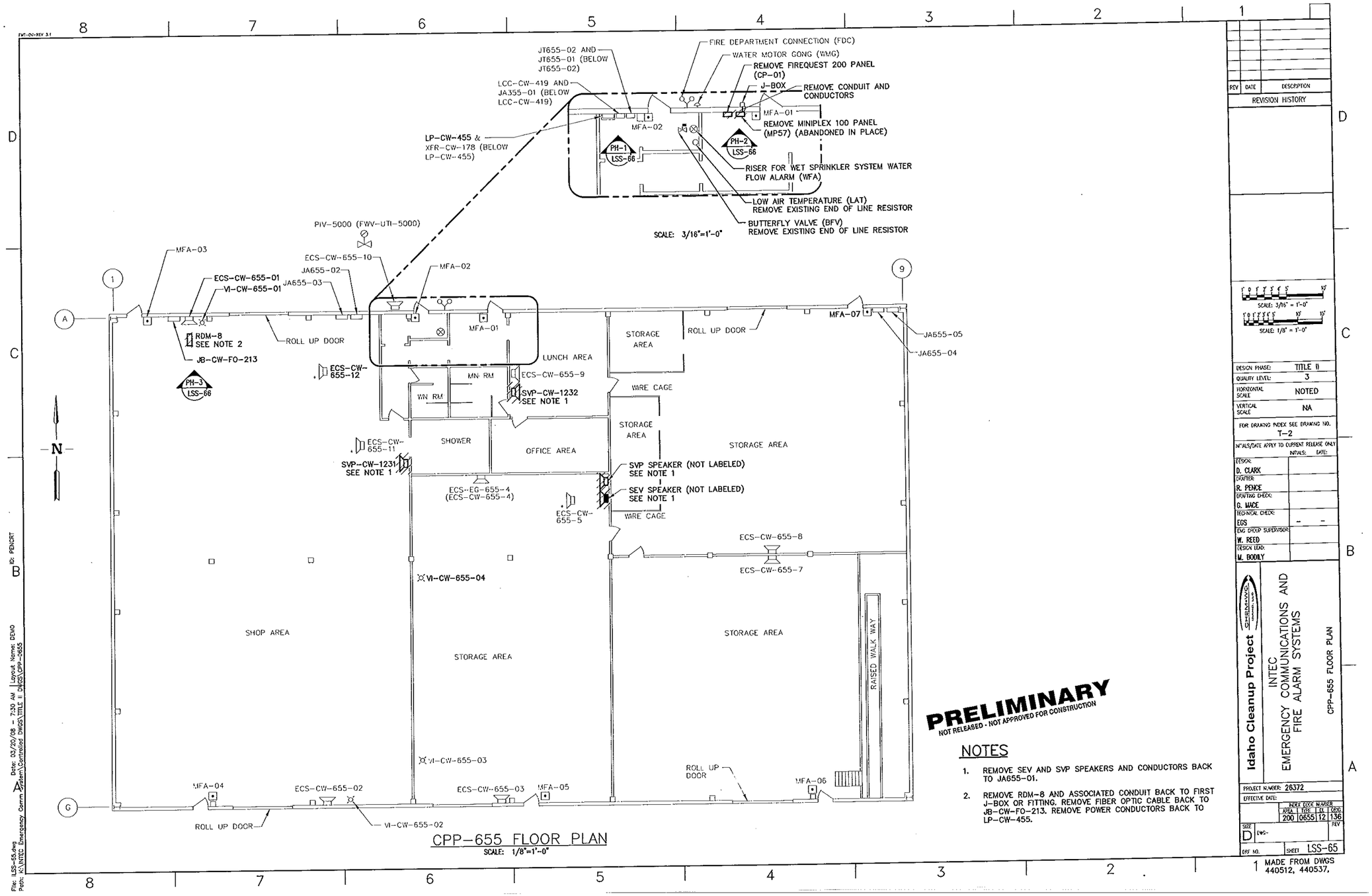
INDEX CODE NUMBER			
AREA	TYPE	CL	DRGS
200	0652	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-63

MADE FROM DWG 631646 & 631647


ECS-MP-652-01
ECS-MP-652-02
ECS-MP-652-03
ECS-MP-652-04
ECS-MP-652-05
ECS-MP-652-06
ECS-MP-652-07
ECS-MP-652-08
ECS-MP-652-09
ECS-MP-652-10
ECS-MP-652-11
ECS-MP-652-12
SPEAKER
STROBE
TO NEW ECS FIELD UNIT ECS0652-01
VS0652-01
VS0652-02
JA0652-04
JT652-01
TS1
TO FACP0652-01
FACP0652-01-19
FACP0652-01-18
FACP0652-01-20
FACP0652-01-L(+)
FACP0652-01-6(-)
JT652-01-01
JT652-01-03
JT652-01-05
JT652-01-06
JT652-01-07
JT652-01-08
JT652-01-9
JT652-01-10
JT652-01-11
JT652-01-12
JA0652-04-A-U
JA0652-04-A-L
JA0652-04-B-U
JA0652-04-B-L
JA0652-04-C-U
JA0652-04-C-L
JA0652-04-E-U
JA0652-04-E-L
JA0652-04-D-U
JA0652-04-D-L
WF-SW-AA
WF-SW-BB
MFA0652-07-C
MFA0652-07-NO
DD0652-01-(+)
DD0652-01-(-)
ECS-SPKR-12(-)
ECS-STRB-12(-)
EOL ECS
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-60 AND LSS-61.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NONE
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
D. CLARK
R. PENCE
G. MACE
EGS
W. REED
M. BOOLY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-652 ECS SPEAKER/STROBE WIRING DIAGRAM
PROJECT NUMBER: 26372
200 0652 12 136
SIZE D
SHEET LSS-64
MADE FROM DWG 631646 & 631647


FIRE DEPARTMENT CONNECTION (FDC)
WATER MOTOR GONG (WMG)
REMOVE FIREQUEST 200 PANEL (CP-01)
J-BOX
REMOVE CONDUIT AND CONDUCTORS
JT655-02 AND JT655-01 (BELOW JT655-02)
LCC-CW-419 AND JA355-01 (BELOW LCC-CW-419)
MFA-01
MFA-02
REMOVE MINIPLEX 100 PANEL (MP57) (ABANDONED IN PLACE)
LP-CW-455 & XFR-CW-178 (BELOW LP-CW-455)
PH-1 LSS-66
PH-2 LSS-66
RISER FOR WET SPRINKLER SYSTEM WATER FLOW ALARM (WFA)
LOW AIR TEMPERATURE (LAT) REMOVE EXISTING END OF LINE RESISTOR
BUTTERFLY VALVE (BFV) REMOVE EXISTING END OF LINE RESISTOR
SCALE: 3/16"=1'-0"
PIV-5000 (FWV-UTI-5000)
MFA-03
ECS-CW-655-10
JA655-02
ECS-CW-655-01
VI-CW-655-01
JA655-03
MFA-02
MFA-01
MFA-07
JA655-05
JA655-04
RDM-8 SEE NOTE 2
JB-CW-FO-213
ROLL UP DOOR
PH-3 LSS-66
ECS-CW-655-12
LUNCH AREA
STORAGE AREA
ROLL UP DOOR
MN RM
ECS-CW-655-9
SVP-CW-1232 SEE NOTE 1
WN RM
WIRE CAGE
STORAGE AREA
SHOWER
OFFICE AREA
STORAGE AREA
ECS-CW-655-11
SVP-CW-1231 SEE NOTE 1
SVP SPEAKER (NOT LABELED) SEE NOTE 1
SEV SPEAKER (NOT LABELED) SEE NOTE 1
ECS-EG-655-4 (ECS-CW-655-4)
ECS-CW-655-5
WIRE CAGE
ECS-CW-655-8
ECS-CW-655-7
VI-CW-655-04
SHOP AREA
STORAGE AREA
STORAGE AREA
RAISED WALK WAY
VI-CW-655-03
ROLL UP DOOR
MFA-04
ECS-CW-655-02
ECS-CW-655-03
MFA-05
MFA-06
ROLL UP DOOR
VI-CW-655-02
N
CPP-655 FLOOR PLAN
SCALE: 1/8"=1'-0"
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTES
1. REMOVE SEV AND SVP SPEAKERS AND CONDUCTORS BACK TO JA655-01.
2. REMOVE RDM-8 AND ASSOCIATED CONDUIT BACK TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE BACK TO JB-CW-FO-213. REMOVE POWER CONDUCTORS BACK TO LP-CW-455.
REVISION HISTORY
SCALE: 3/16" = 1'-0"
SCALE: 1/8" = 1'-0"
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NOTED
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
D. CLARK
R. PENCE
G. WADE
EGS
W. REED
M. BODILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-655 FLOOR PLAN
PROJECT NUMBER: 26372
200 0655 12 136
D
LSS-65
MADE FROM DWGS 440512, 440537,

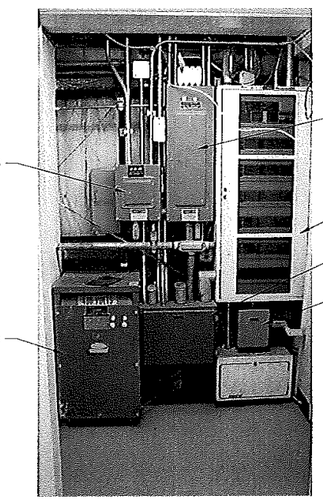


PHOTO PH-1 LSS-65, LSS-71

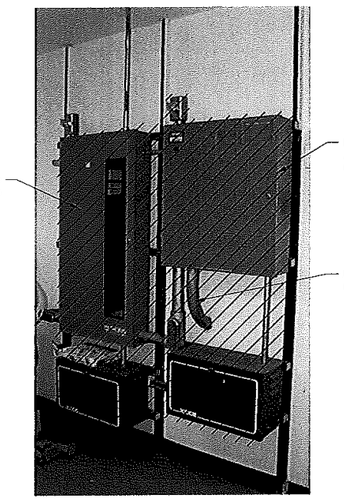


PHOTO PH-2 LSS-65

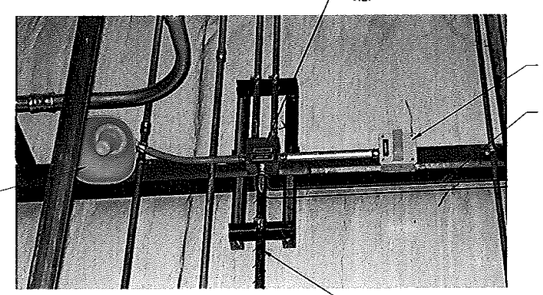


PHOTO PH-3 LSS-65

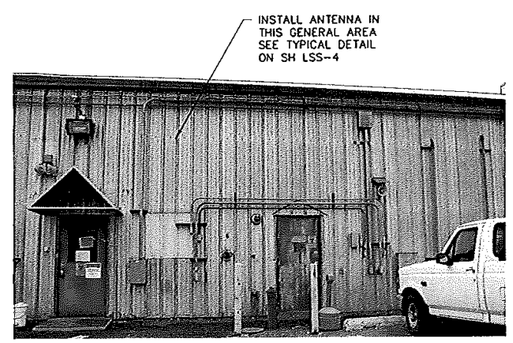


PHOTO PH-4 LSS-71

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODLY		

Idaho Cleanup Project — CH2MHILL

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-655 PHOTOS

PROJECT NUMBER: 26372

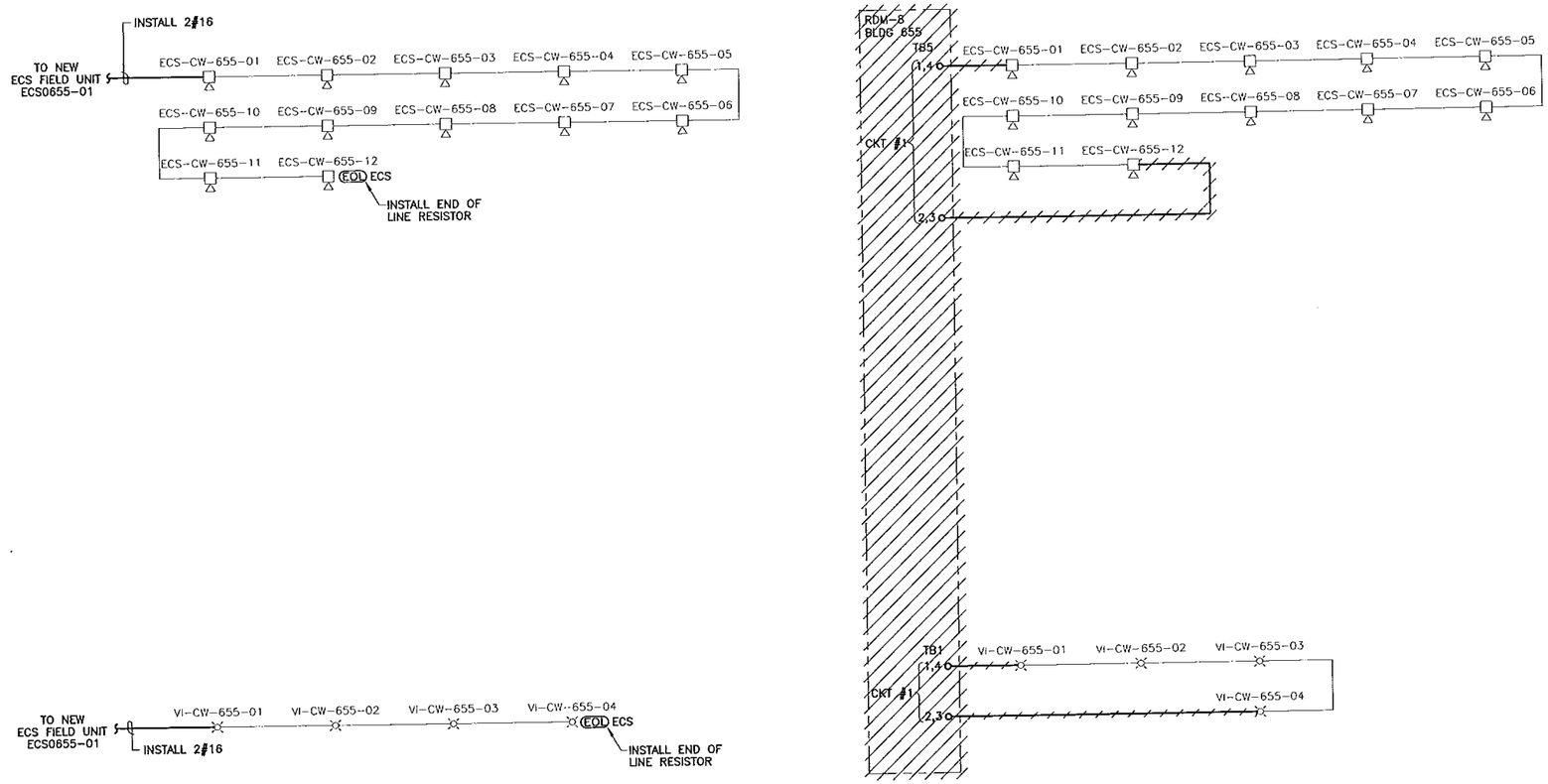
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	SQ	CODE
200	0655	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-66

File: LSS-66.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0655
Date: 03/20/08 - 9:54 AM Layout Name: PHOTOS
ID: PENCRT



NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-65 AND LSS-71.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENICE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOLY		

Idaho Cleanup Project
CH2MHILL

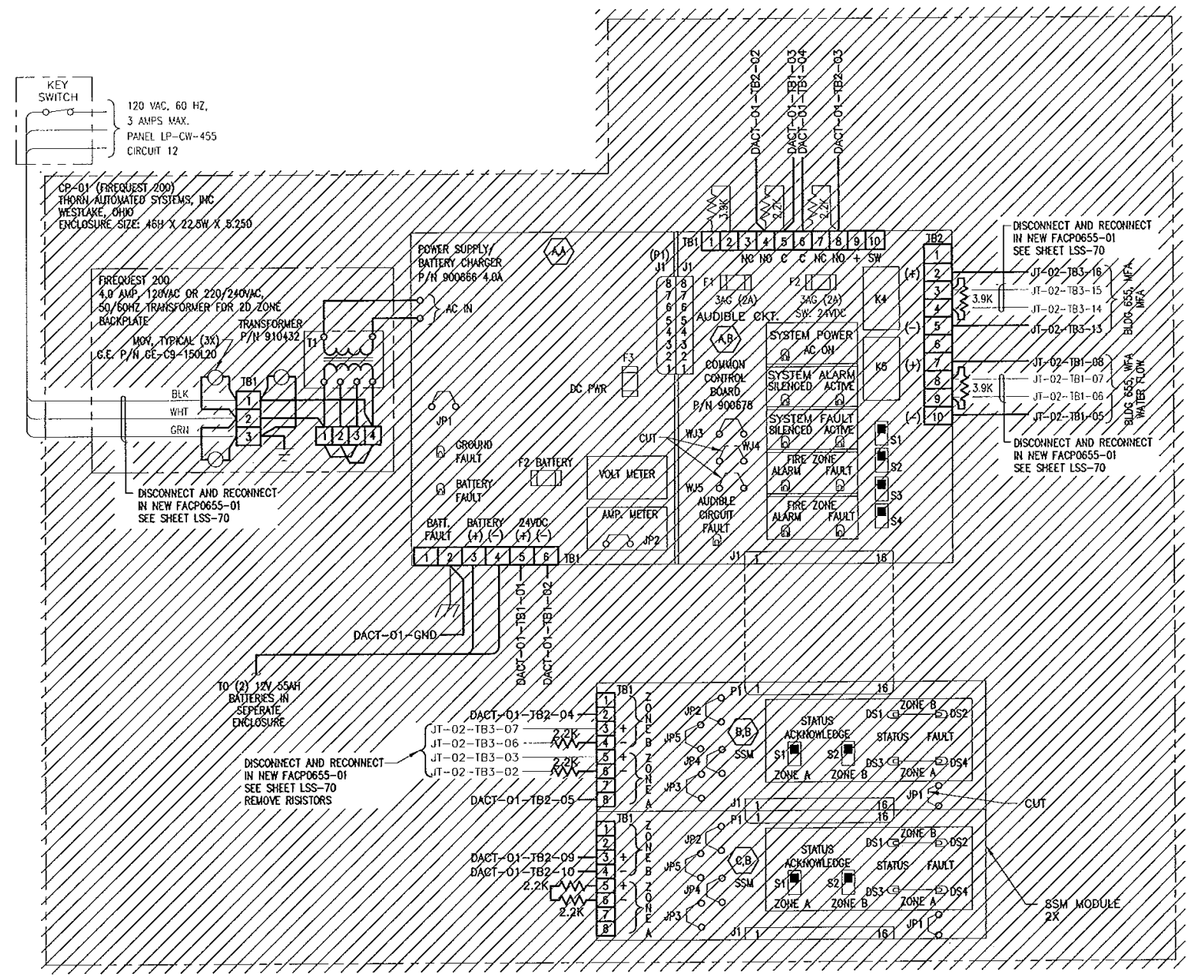
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-655 RDM-8 AND ECS
SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	DI	DWG
200	0655	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-67



NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-65.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: C. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOLEY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-655 CP-01 FIREQUEST 200 WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

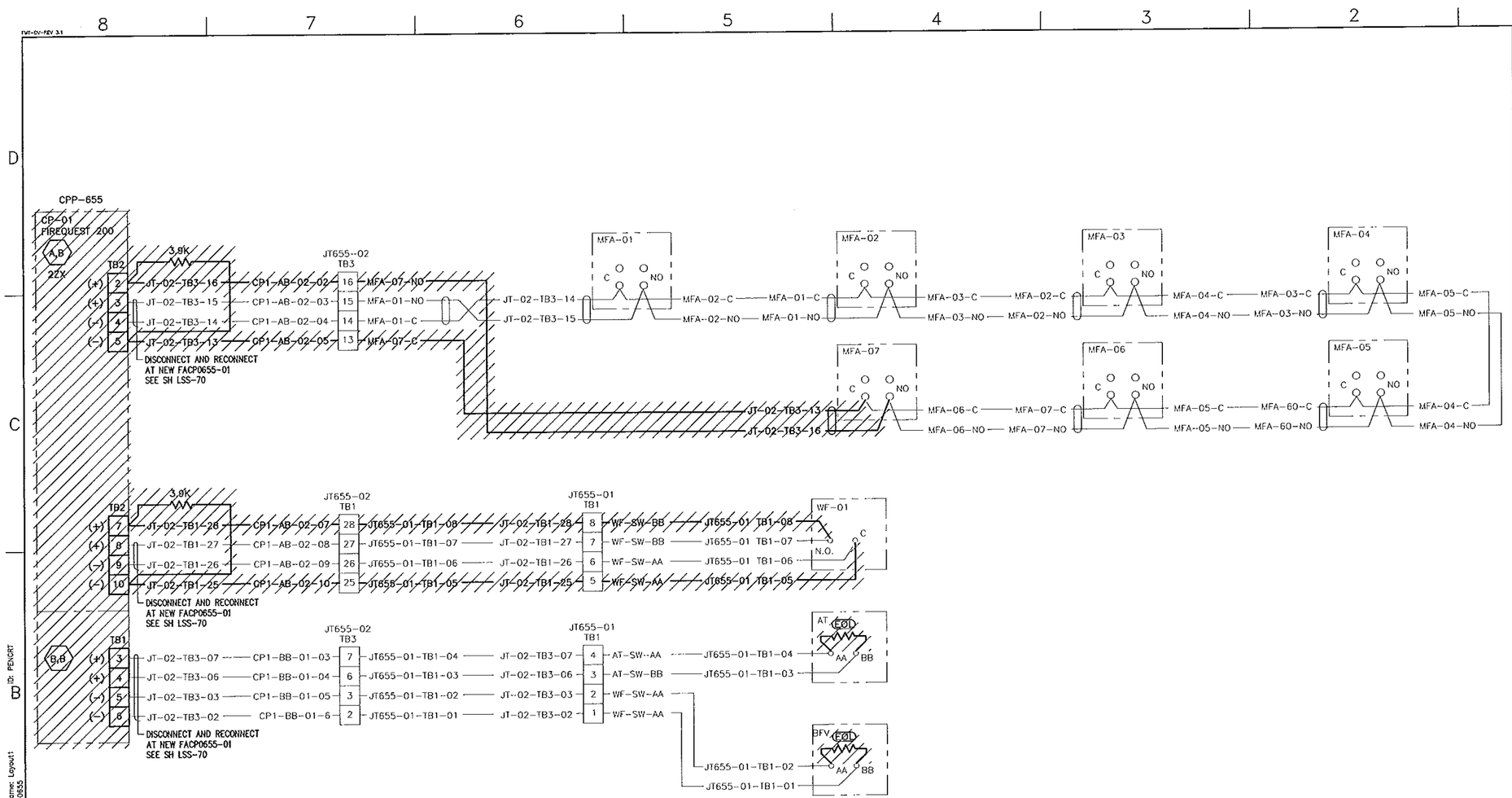
INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	0655	12	136

SIZE D DWG- REV
DFF NO. SHEET LSS-68

MADE FROM DWG 449475

LSS-7373

Date: 03/20/08 - 8:01 AM | Layout Name: Layout1
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0655
ID: PENCRT
File: LSS-68.dwg



NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-65.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
DWG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOBLY		

Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-655 FIRE ALARM WIRING DIAGRAM

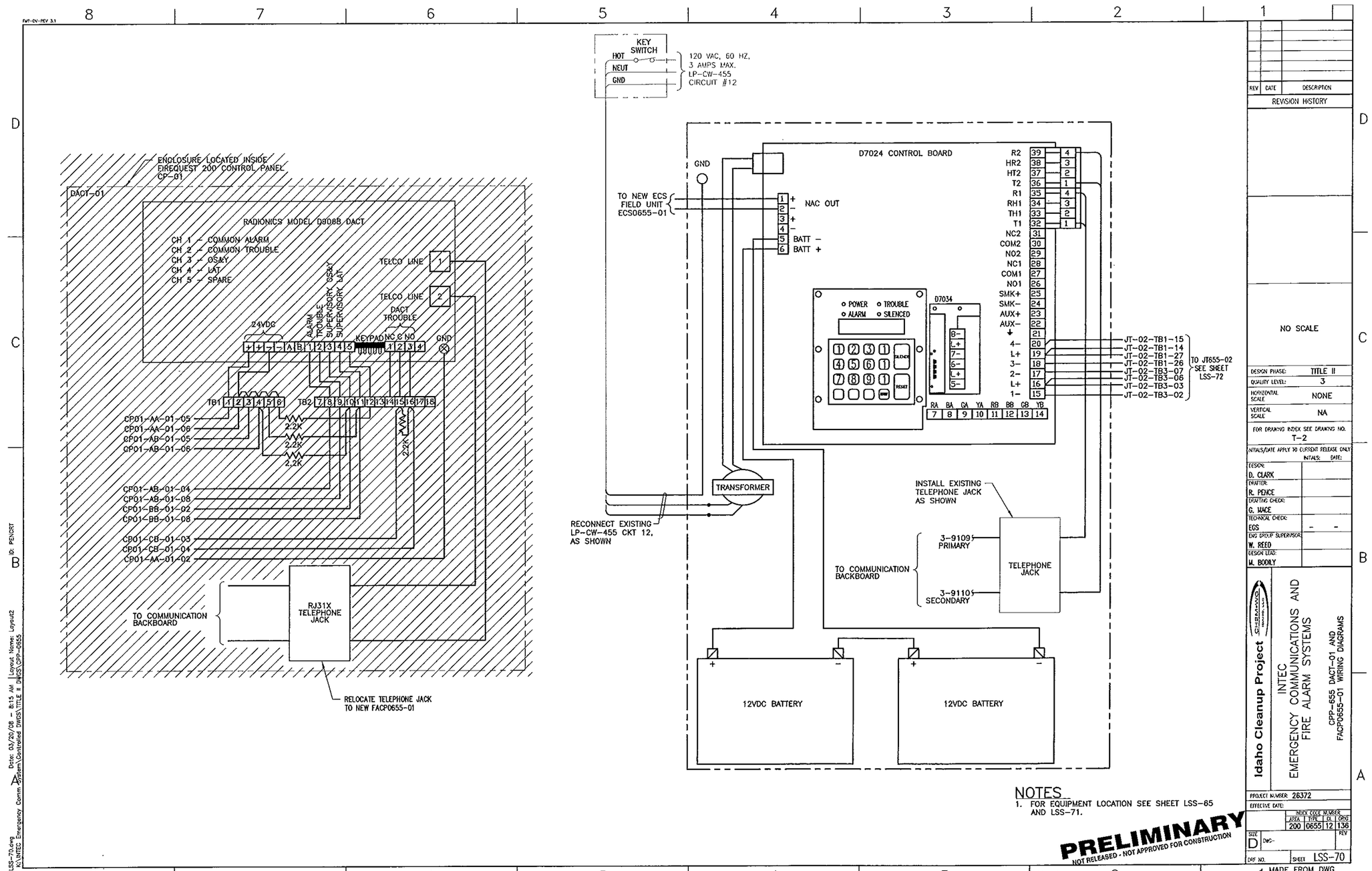
PROJECT NUMBER: 26372
EFFECTIVE DATE:

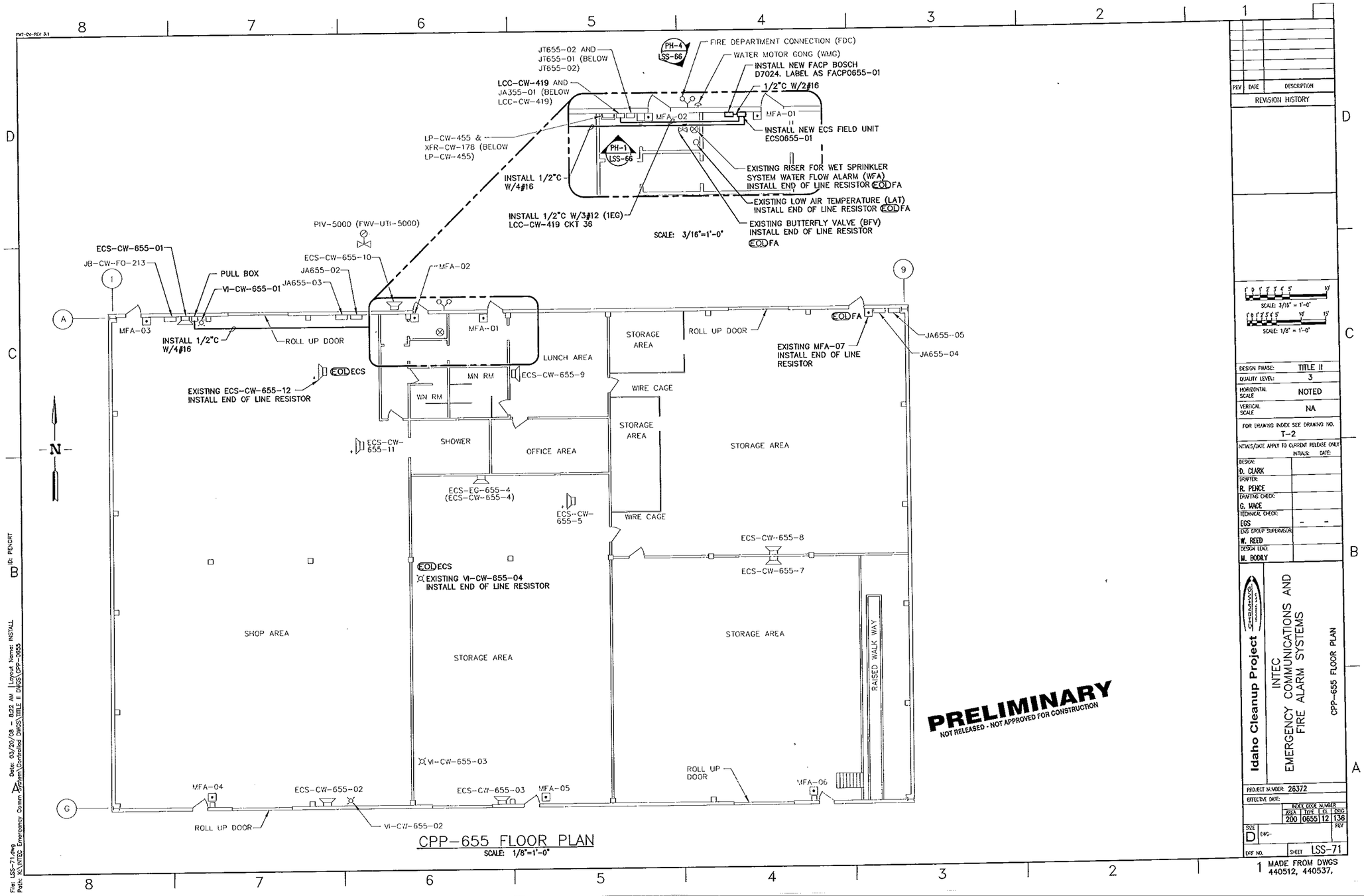
INDEX CODE NUMBER			
AREA	TYPE	CL	DESIG
200	0655	12	136

SIZE D DWG- REV

DFF NO. SHEET LSS-69

MADE FROM DWG 446268


KEY SWITCH
HOT
NEUT
GND
120 VAC, 60 HZ, 3 AMPS MAX. LP-CW-455 CIRCUIT #12
ENCLOSURE LOCATED INSIDE FIREQUEST 200 CONTROL PANEL CP-01
DACT-01
RADIONICS MODEL D9088 DACT
CH 1 - COMMON ALARM
CH 2 - COMMON TROUBLE
CH 3 - OS&Y
CH 4 - LAT
CH 5 - SPARE
TELCO LINE
TELCO LINE
DACT TROUBLE
24VDC
ALARM
TROUBLE
SUPERVISORY OS&Y
SUPERVISORY LAT
KEYPAD
NC C NO
GND
TB1
TB2
CP01-AA-01-05
CP01-AA-01-06
CP01-AB-01-05
CP01-AB-01-06
2.2K
CP01-AB-01-04
CP01-AB-01-08
CP01-BB-01-02
CP01-BB-01-08
CP01-CB-01-03
CP01-CB-01-04
CP01-AA-01-02
TO COMMUNICATION BACKBOARD
RJ31X TELEPHONE JACK
RELOCATE TELEPHONE JACK TO NEW FACP0655-01
GND
TO NEW ECS FIELD UNIT ECS0655-01
NAC OUT
BATT -
BATT +
D7024 CONTROL BOARD
POWER
TROUBLE
ALARM
SILENCED
D7034
R2
HR2
HT2
T2
R1
RH1
TH1
T1
NC2
COM2
NO2
NC1
COM1
NO1
SMK+
SMK-
AUX+
AUX-
4-
L+
3-
2-
L+
1-
JT-02-TB1-15
JT-02-TB1-14
JT-02-TB1-27
JT-02-TB1-26
JT-02-TB3-07
JT-02-TB3-06
JT-02-TB3-03
JT-02-TB3-02
TO JT655-02 SEE SHEET LSS-72
TRANSFORMER
RECONNECT EXISTING LP-CW-455 CKT 12, AS SHOWN
INSTALL EXISTING TELEPHONE JACK AS SHOWN
3-9109 PRIMARY
3-9110 SECONDARY
TO COMMUNICATION BACKBOARD
TELEPHONE JACK
12VDC BATTERY
12VDC BATTERY
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-65 AND LSS-71.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-655 DACT-01 AND FACP0655-01 WIRING DIAGRAMS
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA 200 TYPE 0655 CL 12 ORIG 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-70
MADE FROM DWG 449475
LSS-7373
File: LSS-70.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0655
Date: 03/20/08 - 8:15 AM
Layout Name: Layout2
ID: PENCRT


FIRE DEPARTMENT CONNECTION (FDC)
WATER MOTOR GONG (WMG)
INSTALL NEW FACP BOSCH D7024. LABEL AS FACP0655-01
1/2"C W/2#16
JT655-02 AND JT655-01 (BELOW JT655-02)
LCC-CW-419 AND JA355-01 (BELOW LCC-CW-419)
MFA-02
MFA-01
INSTALL NEW ECS FIELD UNIT ECS0655-01
LP-CW-455 & XFR-CW-178 (BELOW LP-CW-455)
PH-1 LSS-66
PH-4 LSS-66
INSTALL 1/2"C W/4#16
EXISTING RISER FOR WET SPRINKLER SYSTEM WATER FLOW ALARM (WFA) INSTALL END OF LINE RESISTOR EOL FA
EXISTING LOW AIR TEMPERATURE (LAT) INSTALL END OF LINE RESISTOR EOL FA
INSTALL 1/2"C W/3#12 (1EG) LCC-CW-419 CKT 36
EXISTING BUTTERFLY VALVE (BFV) INSTALL END OF LINE RESISTOR EOL FA
SCALE: 3/16"=1'-0"
PIV-5000 (FWV-UTI-5000)
ECS-CW-655-01
JB-CW-FO-213
PULL BOX
VI-CW-655-01
ECS-CW-655-10
JA655-02
JA655-03
MFA-02
MFA-03
INSTALL 1/2"C W/4#16
ROLL UP DOOR
MFA-01
LUNCH AREA
STORAGE AREA
ROLL UP DOOR
EOL FA
EXISTING MFA-07 INSTALL END OF LINE RESISTOR
JA655-05
JA655-04
EOL ECS
EXISTING ECS-CW-655-12 INSTALL END OF LINE RESISTOR
MN RM
ECS-CW-655-9
WN RM
WIRE CAGE
STORAGE AREA
STORAGE AREA
ECS-CW-655-11
SHOWER
OFFICE AREA
ECS-EG-655-4 (ECS-CW-655-4)
ECS-CW-655-5
WIRE CAGE
ECS-CW-655-8
ECS-CW-655-7
EOL ECS
EXISTING VI-CW-655-04 INSTALL END OF LINE RESISTOR
SHOP AREA
STORAGE AREA
STORAGE AREA
RAISED WALK WAY
VI-CW-655-03
ROLL UP DOOR
MFA-04
ECS-CW-655-02
ECS-CW-655-03
MFA-05
MFA-06
ROLL UP DOOR
VI-CW-655-02
N
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
CPP-655 FLOOR PLAN
SCALE: 1/8"=1'-0"
REVISION HISTORY
SCALE: 3/16" = 1'-0"
SCALE: 1/8" = 1'-0"
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NOTED
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-655 FLOOR PLAN
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA 200 DEPT 0655 EL 12 DWG 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-71
MADE FROM DWGS 440512, 440537,
File: LSS-71.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0655
Date: 03/20/08 - 8:22 AM
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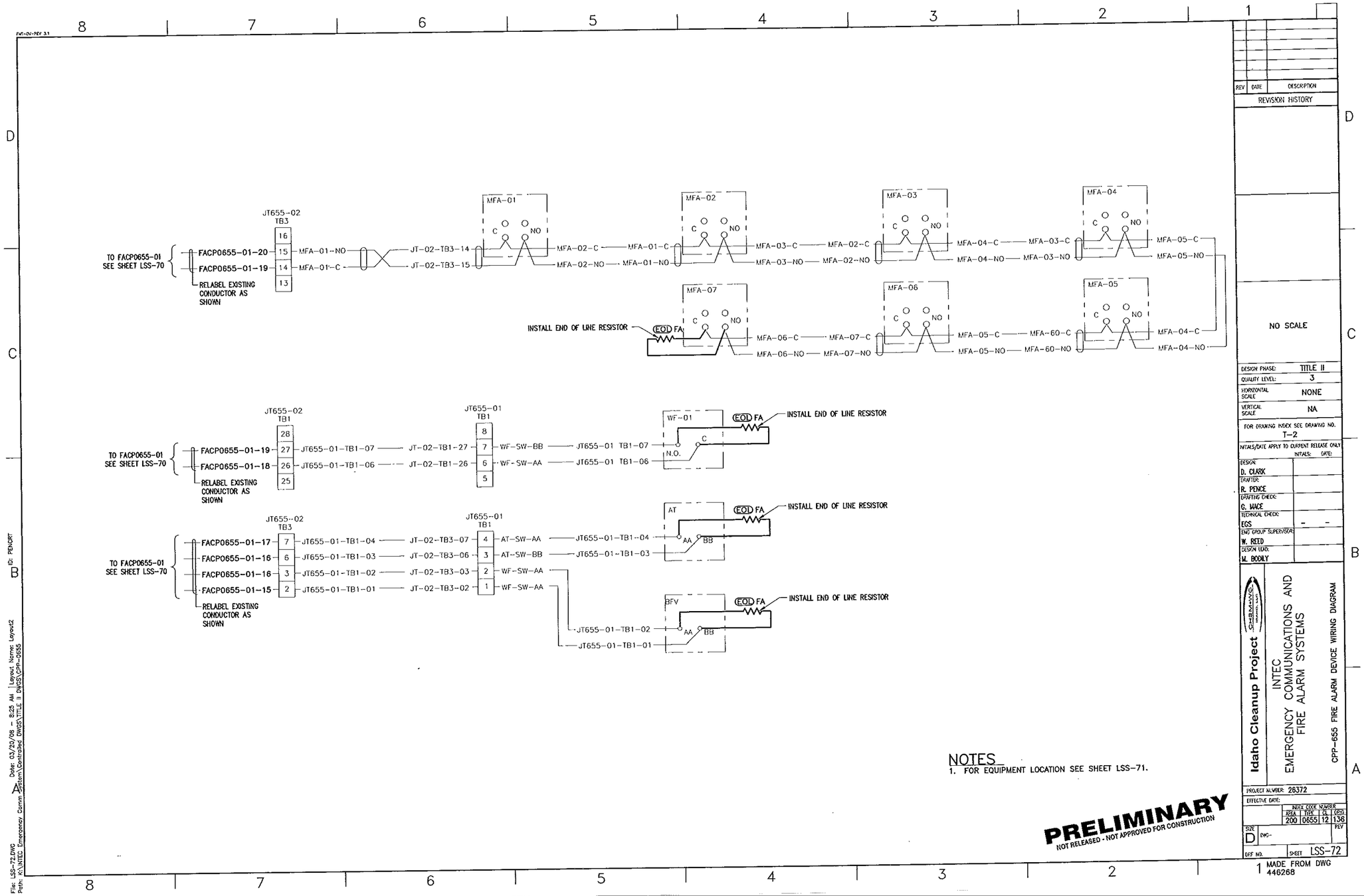
ID: PENCRT



NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-71.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-655 FIRE ALARM DEVICE WIRING DIAGRAM

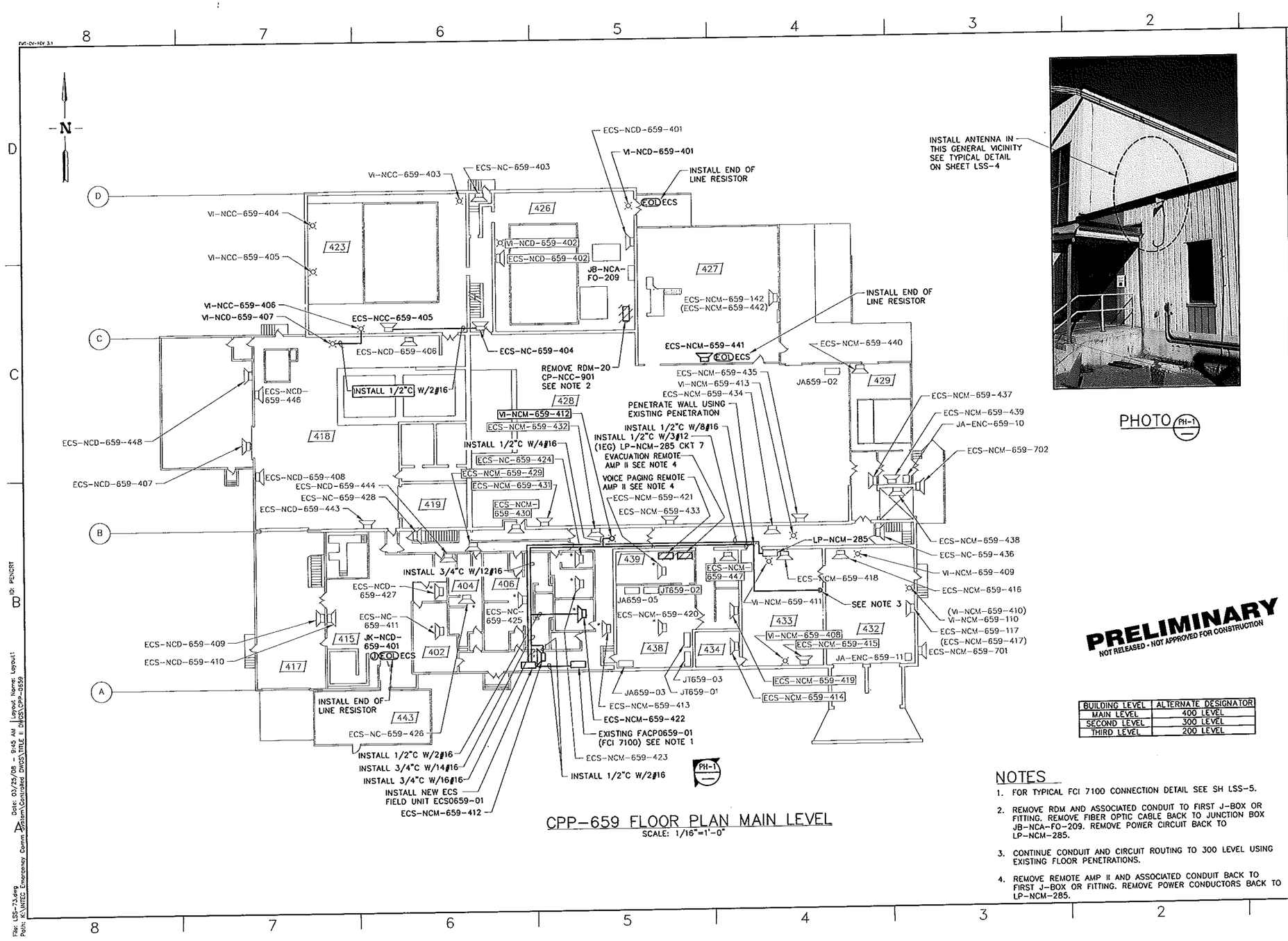
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DRG
200	0655	12	136

SIZE D DWG- REV
DEF NO. SHEET LSS-72

MADE FROM DWG 446268

File: LSS-72.DWG Date: 03/20/08 - 8:25 AM Layout Name: Layout2 ID: PENCRT
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0655



CPP-659 FLOOR PLAN MAIN LEVEL
SCALE: 1/16"=1'-0"

PHOTO PH-1

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

BUILDING LEVEL	ALTERNATE DESIGNATOR
MAIN LEVEL	400 LEVEL
SECOND LEVEL	300 LEVEL
THIRD LEVEL	200 LEVEL

NOTES

1. FOR TYPICAL FCI 7100 CONNECTION DETAIL SEE SH LSS-5.
2. REMOVE RDM AND ASSOCIATED CONDUIT TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE BACK TO JUNCTION BOX JB-NCA-FO-209. REMOVE POWER CIRCUIT BACK TO LP-NCM-285.
3. CONTINUE CONDUIT AND CIRCUIT ROUTING TO 300 LEVEL USING EXISTING FLOOR PENETRATIONS.
4. REMOVE REMOTE AMP II AND ASSOCIATED CONDUIT BACK TO FIRST J-BOX OR FITTING. REMOVE POWER CONDUCTORS BACK TO LP-NCM-285.

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1/16" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOORLY		

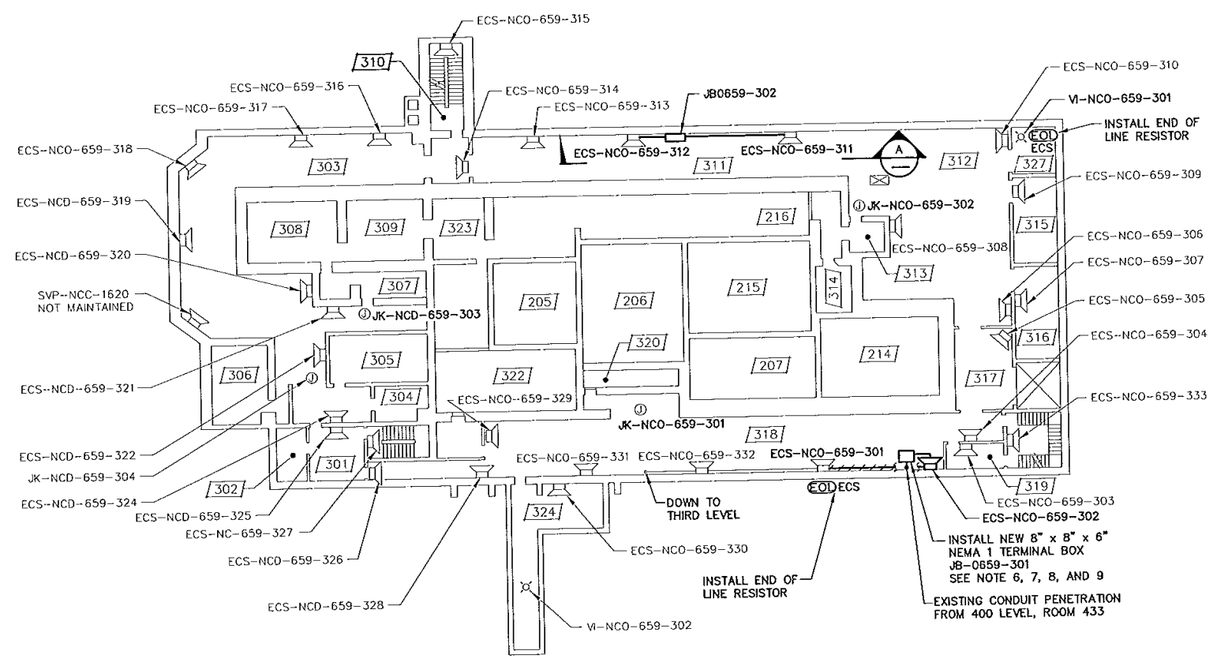
Idaho Cleanup Project
SHERMANCO INCORPORATED
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-659 FLOOR PLAN MAIN LEVEL AND PHOTO

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	EQ	DRG
200	0659	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-73

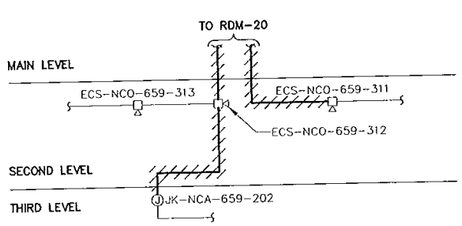
File: LSS-73.dwg
Path: K:\INTEC Emergency Comm System\Contracted DWGS\TITLE II DWGS\CPP-0659
Date: 03/25/08 - 9:45 AM | Layout Name: Layout1
ID: PENGRT



CPP-659 FLOOR PLAN SECOND LEVEL

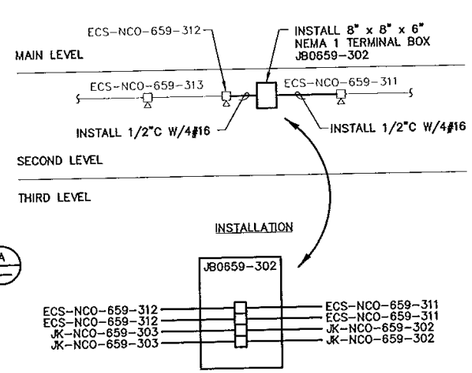
SCALE: 1/16"-1'-0"

BUILDING LEVEL	ALTERNATE DESIGNATOR
MAIN LEVEL	400 LEVEL
SECOND LEVEL	300 LEVEL
THIRD LEVEL	200 LEVEL



DEMOLITION
SEE NOTES 1, 2, 3, AND 4

VIEW A
SCALE: NONE



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. DISCONNECT 300 LEVEL STROBE AND SPEAKER CIRCUITS AT RDM-20 AND PULL CONDUCTORS BACK TO ECS-NCO-659-311 AND ECS-NCO-659-312, RESPECTIVELY.
2. IDENTIFY 200 LEVEL SPEAKER AND STROBE CIRCUITS. BREAK CIRCUITS AT ECS-NCO-659-311 AND ECS-NCO-659-312.
3. DISCONNECT CONDUIT FROM RDM-20 AT ECS-NCO-659-311 AND ECS-NCO-659-312. REMOVE CONDUITS AND CONDUCTORS BACK TO CEILING PENETRATION.
4. DISCONNECT CONDUIT FROM ECS-NCO-659-312 THAT COMES FROM 200 LEVEL. REMOVE CONDUIT AND CONDUCTORS BACK TO FIRST FITTING ABOVE FLOOR PENETRATION.
5. REMOVE OR COVER "EMCOMM" LABELS ON ABANDONED CONDUIT. LABEL ABANDONED CONDUIT AS "ABANDONED".
6. REMOVE CONDUCTORS FROM ECS-NCO-659-302 TO ECS-NCO-659-301.
7. IDENTIFY 300 LEVEL STROBE (VI) CIRCUIT. BREAK CIRCUIT AND TERMINATE CONDUCTORS TO JK-NCO-659-301 ON TERMINAL STRIP. LABEL CONDUCTORS TO VI-NCO-659-301 AS "ABANDONED".
8. IDENTIFY 200 LEVEL SPEAKER CIRCUIT. BREAK CIRCUIT AND TERMINATE CONDUCTORS TO ECS-NCA-659-216 ON TERMINAL STRIP. LABEL CONDUCTORS FROM RDM-20 AS "ABANDONED".
9. IDENTIFY 200 LEVEL STROBE (VI) CIRCUIT CONDUCTORS. BREAK CIRCUIT AND TERMINATE CONDUCTORS TO JK-NCA-659-201 (STROBE) ON TERMINAL STRIP. LABEL CONDUCTORS FROM RDM-20 AS "ABANDONED".

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1/16" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	--	--
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOKLY		

Idaho Cleanup Project
SUBMARINE

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-659 FLOOR PLAN
SECOND LEVEL PLAN AND VIEW

PROJECT NUMBER: 26372

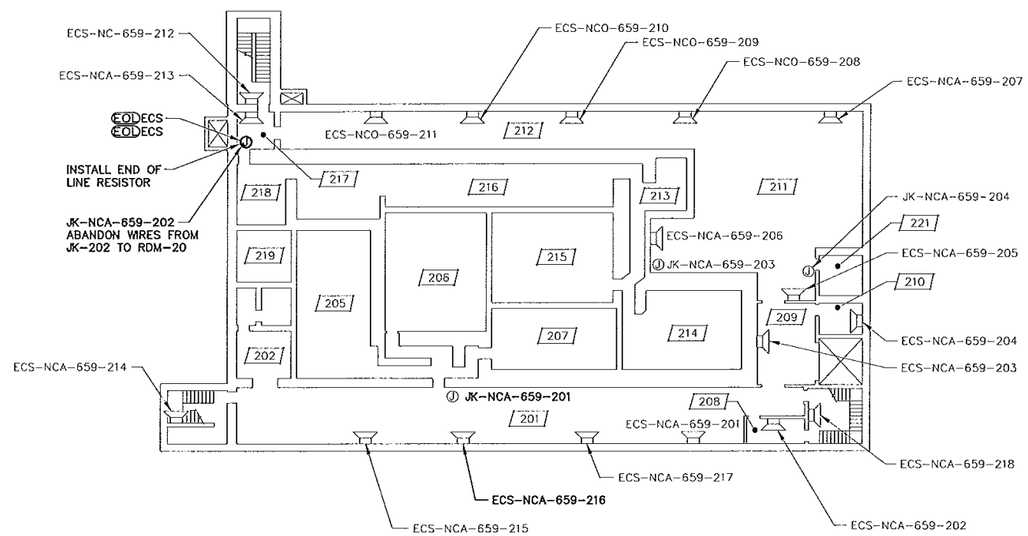
EFFECTIVE DATE:

INDEX CODE NUMBER				
AREA	TYPE	SEQ	GROUP	
200	0659	12	136	

SIZE: D DWG- REV

ECF NO. SHEET LSS-74

MADE FROM DRAWING 44463402



CPP-659 FLOOR PLAN THIRD LEVEL

BUILDING LEVEL	ALTERNATE DESIGNATOR
MAIN LEVEL	400 LEVEL
SECOND LEVEL	300 LEVEL
THIRD LEVEL	200 LEVEL

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1/16" = 1'-0"

DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: 1/16"=1'-0"
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: C. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-659 FLOOR PLAN THIRD LEVEL

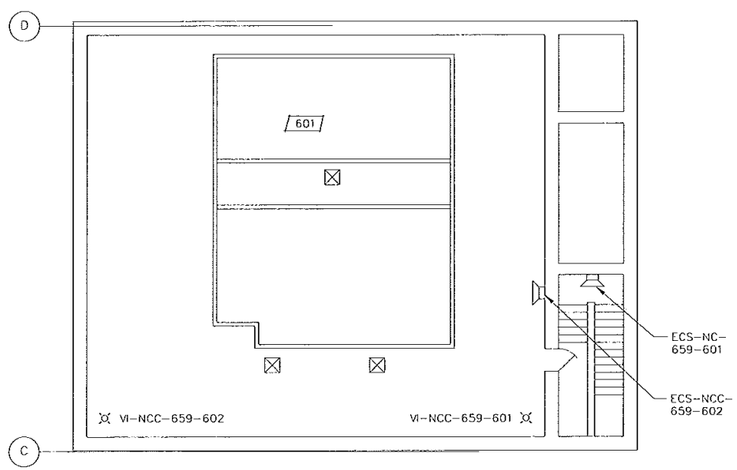
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DISC
200	0659	12	136

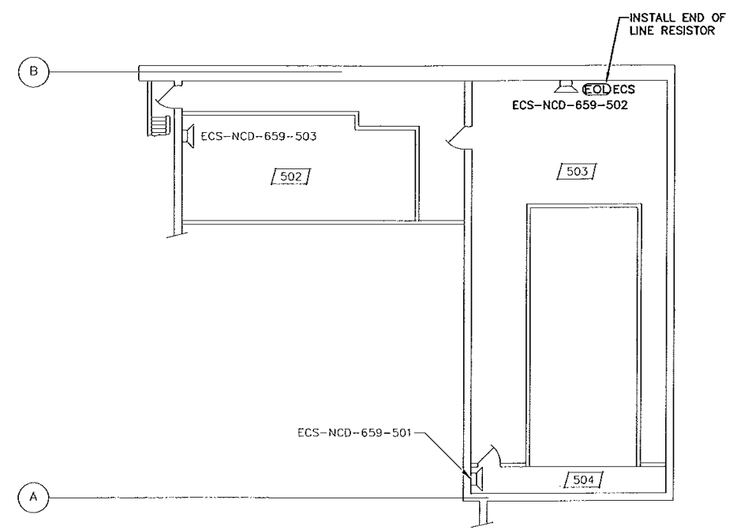
SIZE D DWG:- REV
DPF NO. SHEET LSS-75

MADE FROM DRAWING 44463403

File: LSS-75.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0659
Date: 03/20/08 - 8:53 AM | Layout Name: Layout1
© PENCRT



CPP-659 SECOND FLOOR PLAN



CPP-659 MEZZANINE

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	1/16"=1'-0"
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS	DATE
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

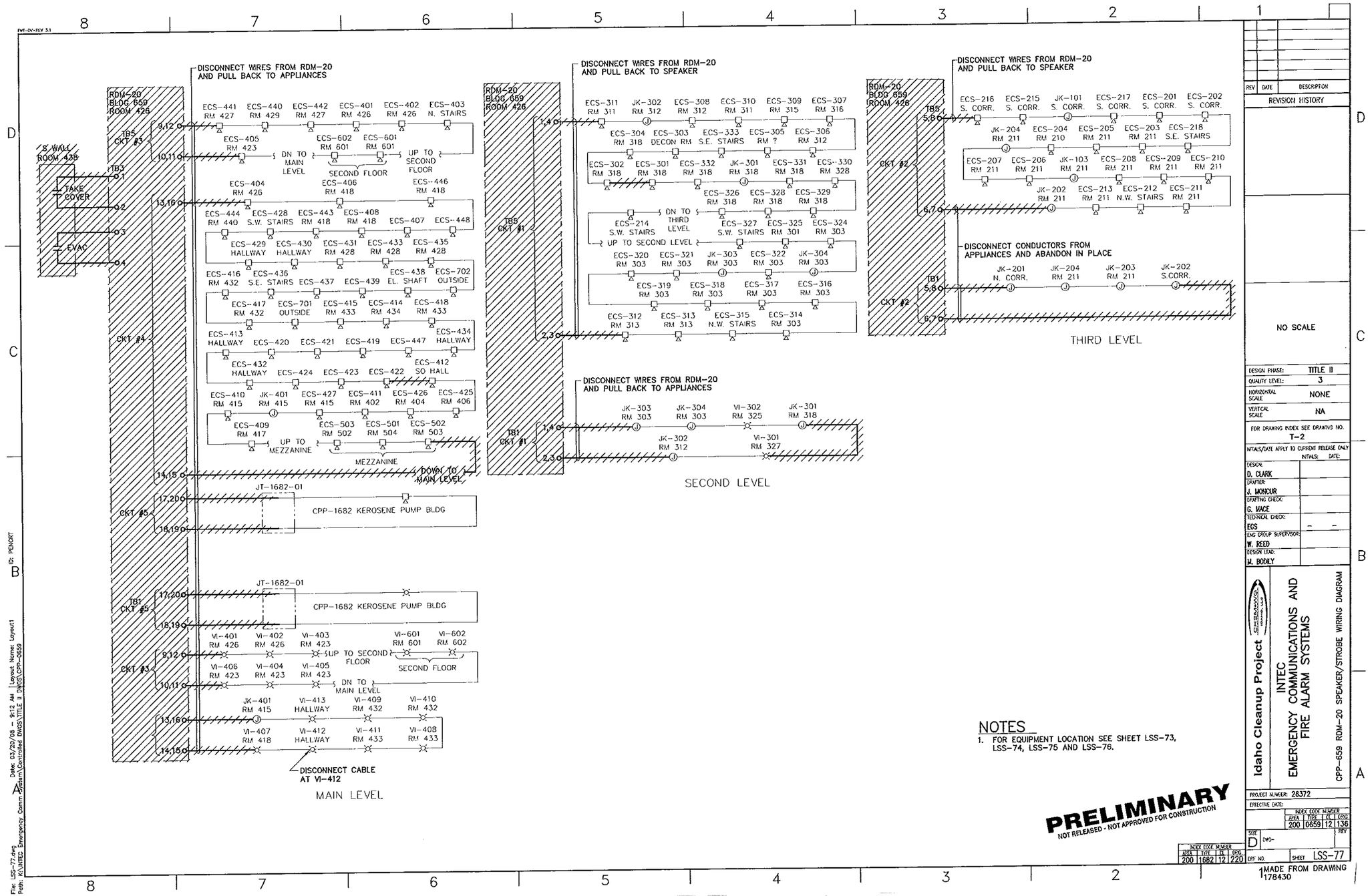
Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-659 SECOND FLOOR PLAN AND MEZZANINE

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	GRPG
200	0659	12	136

SIZE D DWG- REV
DSF NO. SHEET LSS-76

MADE FROM DRAWING 44463404


DISCONNECT WIRES FROM RDM-20 AND PULL BACK TO APPLIANCES
RDM-20 BLDG 659 ROOM 426
S WALL ROOM 428
TAKE COVER
EVAC
TB5 CKT #3
TB3
ECS-441 RM 427
ECS-440 RM 429
ECS-442 RM 427
ECS-401 RM 426
ECS-402 RM 426
ECS-403 N. STAIRS
ECS-405 RM 423
ECS-602 RM 601
ECS-601 RM 601
DN TO MAIN LEVEL
SECOND FLOOR
UP TO SECOND FLOOR
ECS-406 RM 418
ECS-404 RM 426
ECS-446 RM 418
ECS-444 RM 440
ECS-428 S.W. STAIRS
ECS-443 RM 418
ECS-408 RM 418
ECS-407
ECS-448
ECS-429 HALLWAY
ECS-430 HALLWAY
ECS-431 RM 428
ECS-433 RM 428
ECS-435 RM 428
ECS-416 RM 432
ECS-436 S.E. STAIRS
ECS-437
ECS-439
ECS-438 EL. SHAFT
ECS-702 OUTSIDE
ECS-417 RM 432
ECS-701 OUTSIDE
ECS-415 RM 433
ECS-414 RM 434
ECS-418 RM 433
ECS-413 HALLWAY
ECS-420
ECS-421
ECS-419
ECS-447
ECS-434 HALLWAY
ECS-432 HALLWAY
ECS-424
ECS-423
ECS-422
ECS-412 SO HALL
ECS-410 RM 415
JK-401 RM 415
ECS-427 RM 415
ECS-411 RM 402
ECS-426 RM 404
ECS-425 RM 406
ECS-409 RM 417
ECS-503 RM 502
ECS-501 RM 504
ECS-502 RM 503
UP TO MEZZANINE
MEZZANINE
DOWN TO MAIN LEVEL
CKT #4
CKT #5
JT-1682-01
CPP-1682 KEROSENE PUMP BLDG
CKT #3
VI-401 RM 426
VI-402 RM 426
VI-403 RM 423
VI-601 RM 601
VI-602 RM 602
UP TO SECOND FLOOR
SECOND FLOOR
VI-406 RM 423
VI-404 RM 423
VI-405 RM 423
DN TO MAIN LEVEL
JK-401 RM 415
VI-413 HALLWAY
VI-409 RM 432
VI-410 RM 432
VI-407 RM 418
VI-412 HALLWAY
VI-411 RM 433
VI-408 RM 433
DISCONNECT CABLE AT VI-412
MAIN LEVEL
TB5 CKT #1
ECS-311 RM 311
JK-302 RM 312
ECS-308 RM 312
ECS-310 RM 311
ECS-309 RM 315
ECS-307 RM 316
ECS-304 RM 318
ECS-303 DECON RM
ECS-333 S.E. STAIRS
ECS-305 RM ?
ECS-306 RM 312
ECS-302 RM 318
ECS-301 RM 318
ECS-332 RM 318
JK-301 RM 318
ECS-331 RM 318
ECS-330 RM 328
ECS-326 RM 318
ECS-328 RM 318
ECS-329 RM 318
ECS-214 S.W. STAIRS
DN TO THIRD LEVEL
UP TO SECOND LEVEL
ECS-327 S.W. STAIRS
ECS-325 RM 301
ECS-324 RM 303
ECS-320 RM 303
ECS-321 RM 303
JK-303 RM 303
ECS-322 RM 303
JK-304 RM 303
ECS-319 RM 303
ECS-318 RM 303
ECS-317 RM 303
ECS-316 RM 303
ECS-312 RM 313
ECS-313 RM 313
ECS-315 N.W. STAIRS
ECS-314 RM 303
TB1 CKT #1
JK-303 RM 303
JK-304 RM 303
VI-302 RM 325
JK-301 RM 318
JK-302 RM 312
VI-301 RM 327
SECOND LEVEL
DISCONNECT WIRES FROM RDM-20 AND PULL BACK TO SPEAKER
ECS-216 S. CORR.
ECS-215 S. CORR.
JK-101 S. CORR.
ECS-217 S. CORR.
ECS-201 S. CORR.
ECS-202 S. CORR.
JK-204 RM 211
ECS-204 RM 210
ECS-205 RM 211
ECS-203 RM 211
ECS-218 S.E. STAIRS
ECS-207 RM 211
ECS-206 RM 211
JK-103 RM 211
ECS-208 RM 211
ECS-209 RM 211
ECS-210 RM 211
JK-202 RM 211
ECS-213 RM 211
ECS-212 N.W. STAIRS
ECS-211 RM 211
DISCONNECT CONDUCTORS FROM APPLIANCES AND ABANDON IN PLACE
JK-201 N. CORR.
JK-204 RM 211
JK-203 RM 211
JK-202 S.CORR.
THIRD LEVEL
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-73, LSS-74, LSS-75 AND LSS-76.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NONE
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: J. MONCUR
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-659 RDM-20 SPEAKER/STROBE WIRING DIAGRAM
PROJECT NUMBER: 28372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL DISC
200 0659 12 136
SIZE D DWG- REV
INDEX CODE NUMBER
AREA TYPE CL DISC
200 1682 12 220
DFF NO. SHEET LSS-77
MADE FROM DRAWING 178430
File: LSS-77.dwg
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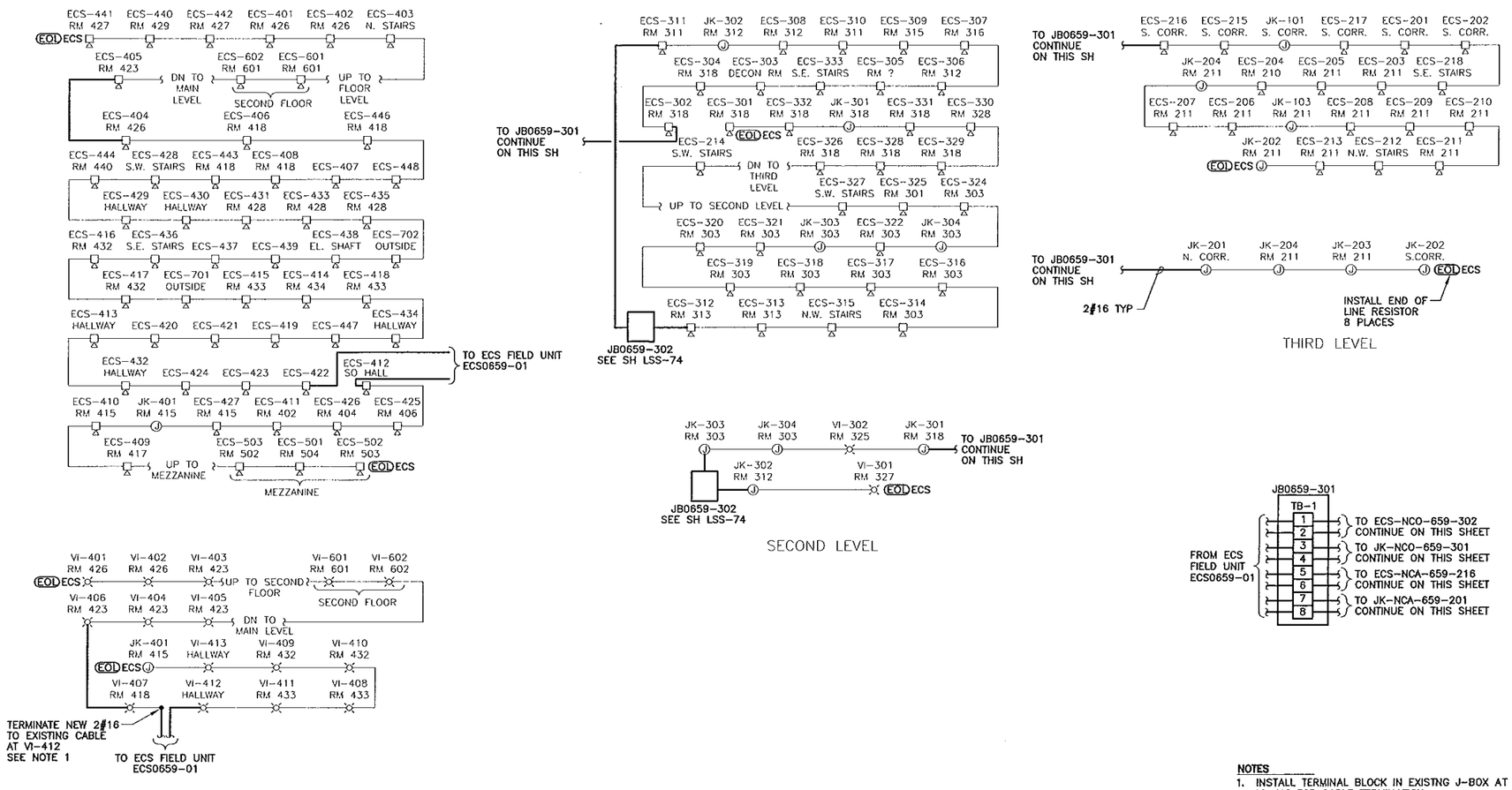
Date: 03/20/08 - 9:12 AM Layout Name: Layout1
ID: PENKRT



NOTES

1. INSTALL TERMINAL BLOCK IN EXISTNG J-BOX AT VI-412 FOR CABLE TERMINATION.
2. FOR EQUIPMENT LOCATION SEE SHEET LSS-73, LSS-74, LSS-75 AND LSS-76.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOILY		

Idaho Cleanup Project
SIEMANS
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-659 ECS SPEAKER/STROBE WIRING DIAGRAM

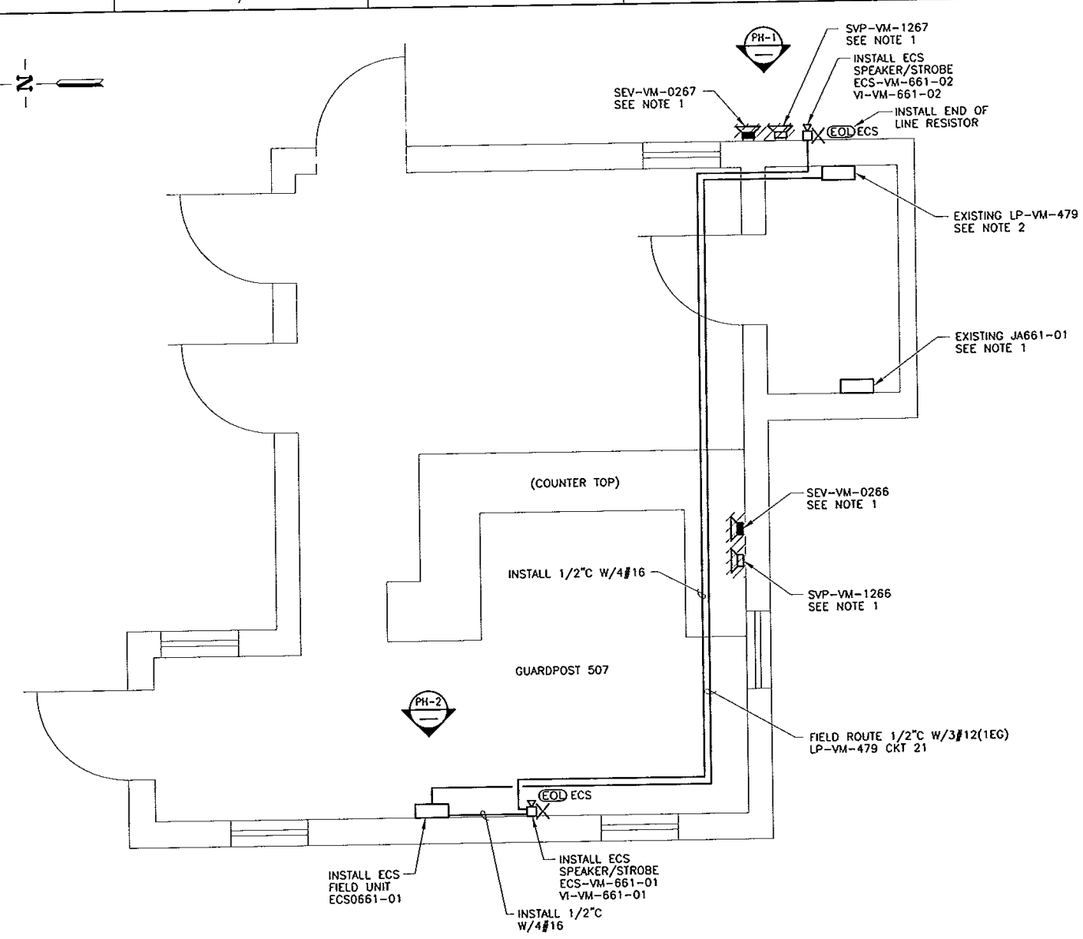
PROJECT MANAGER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	LL	DRWG
200	0659	12	136

SIZE D | ENG- | REV
DSF NO. | SHEET LSS-78

MADE FROM DRAWING 178430

File: LSS-78.dwg
Path: A:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0659
Date: 03/20/08 - 9:21 AM | Layout Name: Layout1
12: PENCRT



CPP-661 FLOOR PLAN
SCALE: 1/2"=1'-0"

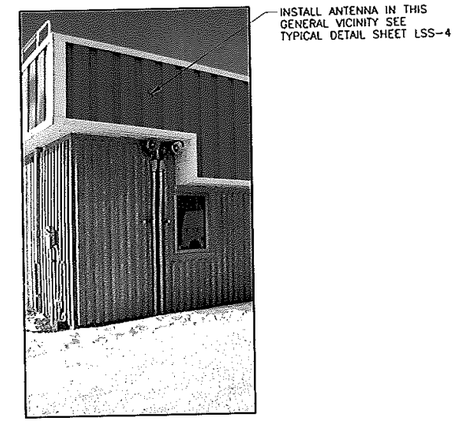


PHOTO PH-1

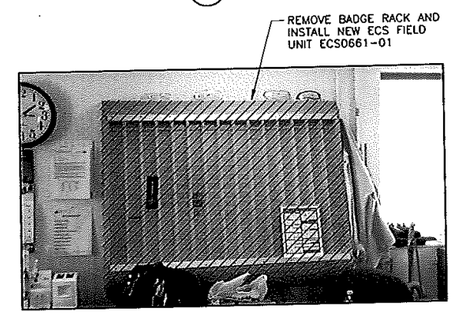
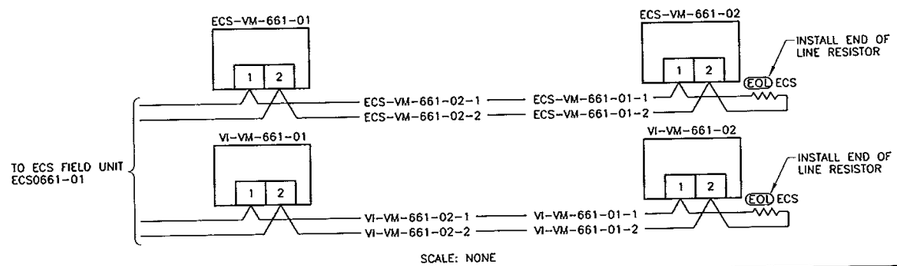


PHOTO PH-2



SCALE: NONE

NOTES
1. REMOVE SEV AND SVP SPEAKERS AND CONDUCTORS BACK TO JA661-01.
2. INSTALL A 20A IP BREAKER IN LP-VM-749 CKT 21. PANEL IS A SQUARE D NQOB.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION
REVISION HISTORY		

SCALE: 1/2" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY	INITIALS: DATE:
DESIGN:	D. CLARK
DRAFTER:	J. MONCUR
DRAFTING CHECK:	G. MACE
TECHNICAL CHECK:	EGS -
ENG GROUP SUPERVISOR	W. REED
DESIGN LEAD:	M. BODLY

Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-661 FLOOR PLAN, PHOTOS AND WIRING DIAGRAM

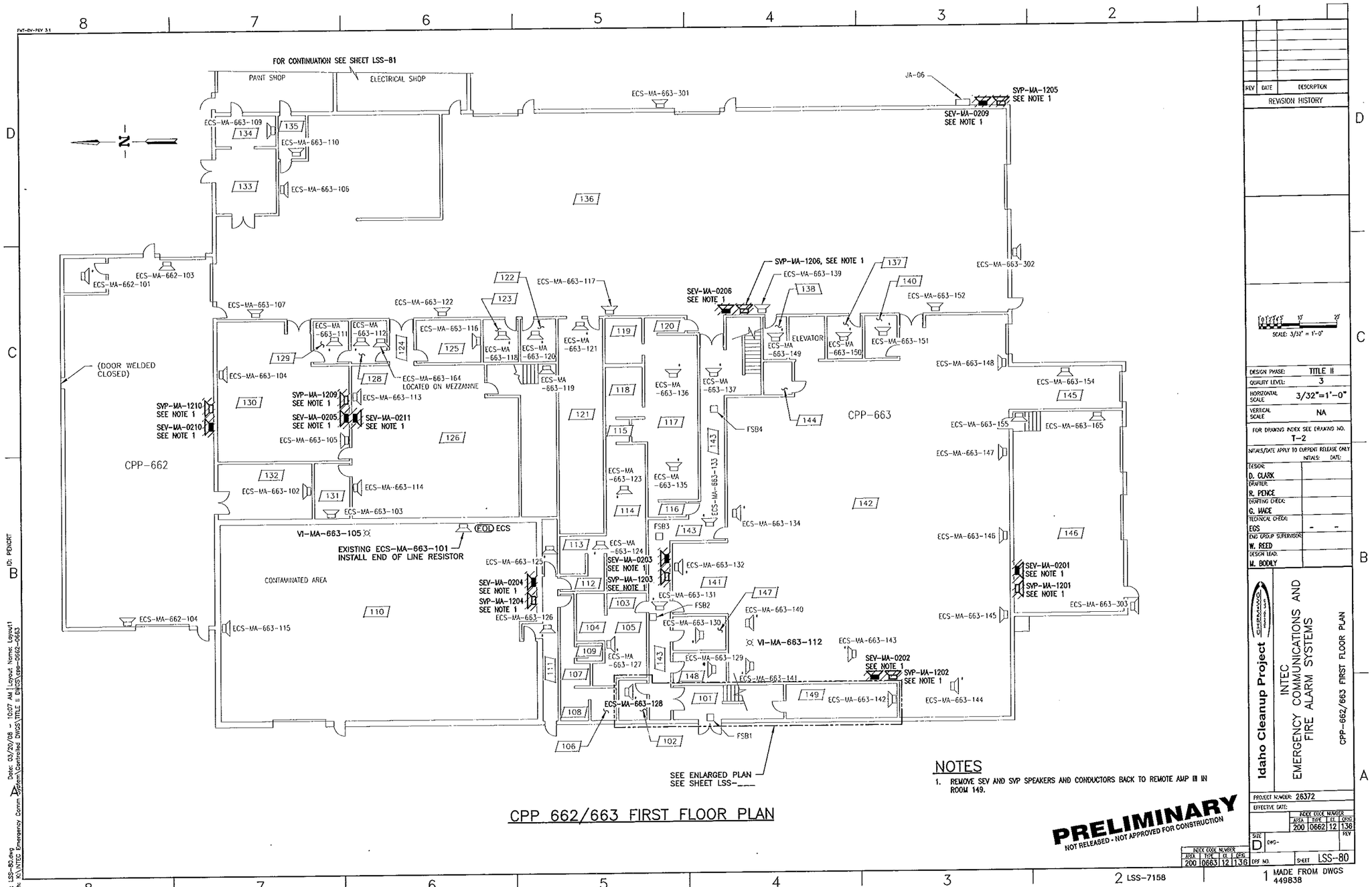
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	0661	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-79

MADE FROM DRAWING 440596

File: LSS-79.dwg Date: 03/20/08 - 9:35 AM Layout Name: Layout1 ID: PENCRT
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0661



CPP 662/663 FIRST FLOOR PLAN

NOTES

1. REMOVE SEV AND SVP SPEAKERS AND CONDUCTORS BACK TO REMOTE AMP IN IN ROOM 149.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/32" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	3/32"=1'-0"
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. HACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
SHAW

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-662/663 FIRST FLOOR PLAN

PROJECT NUMBER: 28372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	0662	12	136

SIZE D DWG- REV

DFF NO. SHEET LSS-80

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	0663	12	136

File: LSS-80.dwg
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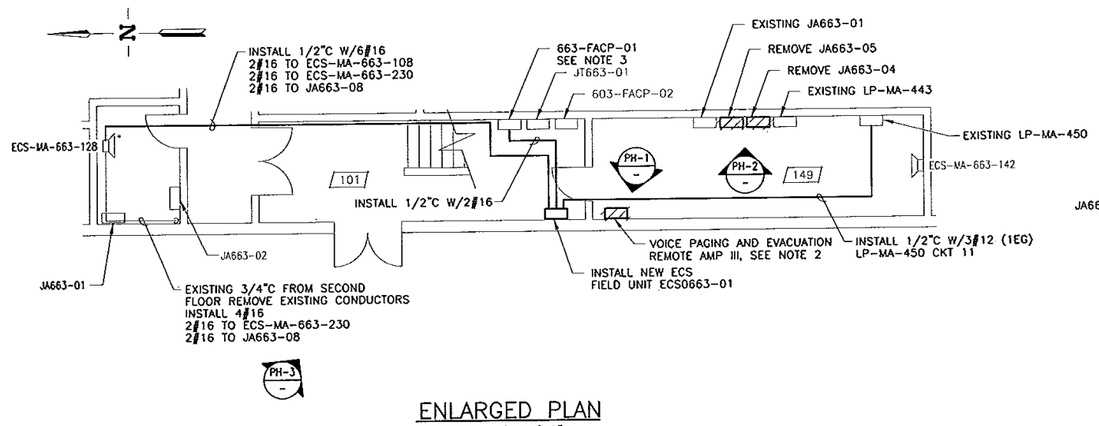
Date: 03/20/08 - 10:07 AM | Layout Name: Layout1
ID: PENGRT



ENLARGED PLAN
SCALE: 3/16=1'-0"

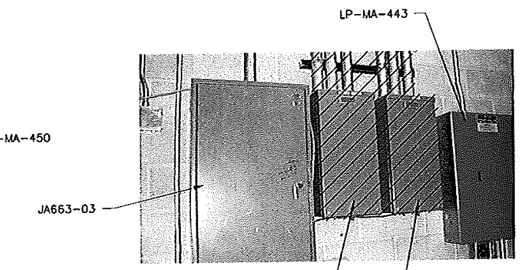


PHOTO PH-2

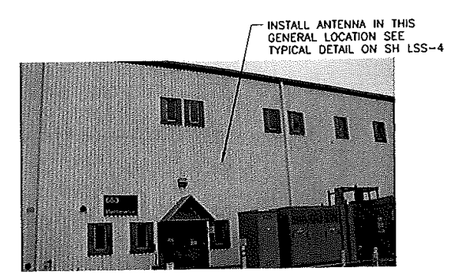
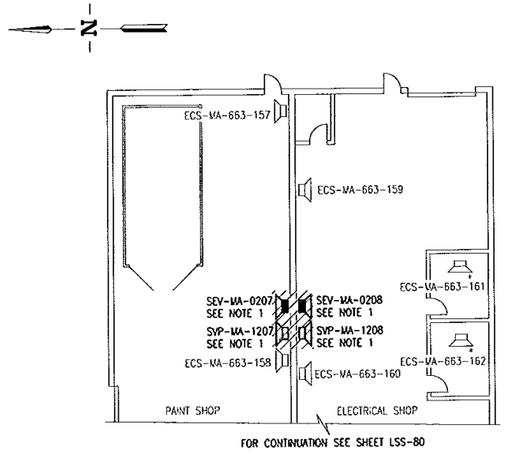


PHOTO PH-3



CPP-663 FIRST FLOOR PLAN
SCALE: 3/32=1'-0"

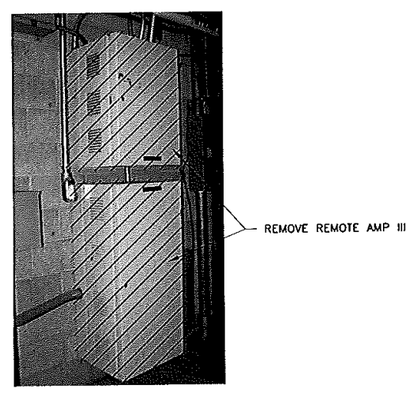


PHOTO PH-1

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. REMOVE SEV AND SVP SPEAKERS AND CONDUCTORS BACK TO REMOTE AMP III IN ROOM 149.
2. REMOVE REMOTE AMP III AND ASSOCIATED CONDUIT BACK TO FIRST J-BOX OR FITTING. REMOVE POWER CONDUCTORS BACK TO LP-MA-443.
3. 663-FACP-01 IS A FCI-7100. MODIFY FACP PROGRAM TO SILENCE FIRE ALARM HORN/STROBES DURING AN ECS NOTIFICATION. FOR TYPICAL FCI 7100 CONNECTION DETAIL SEE SHEET LSS-5.

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/16" = 1'-0"
SCALE: 3/32" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-663 ENLARGED PLAN AND PHOTOS

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	EL	DWG
200	0663	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-81

MADE FROM DWGS 449838

LSS-7158

File: LSS-81.dwg Date: 03/25/08 - 9:49 AM Layout Name: Layout2 ID: PENCRT
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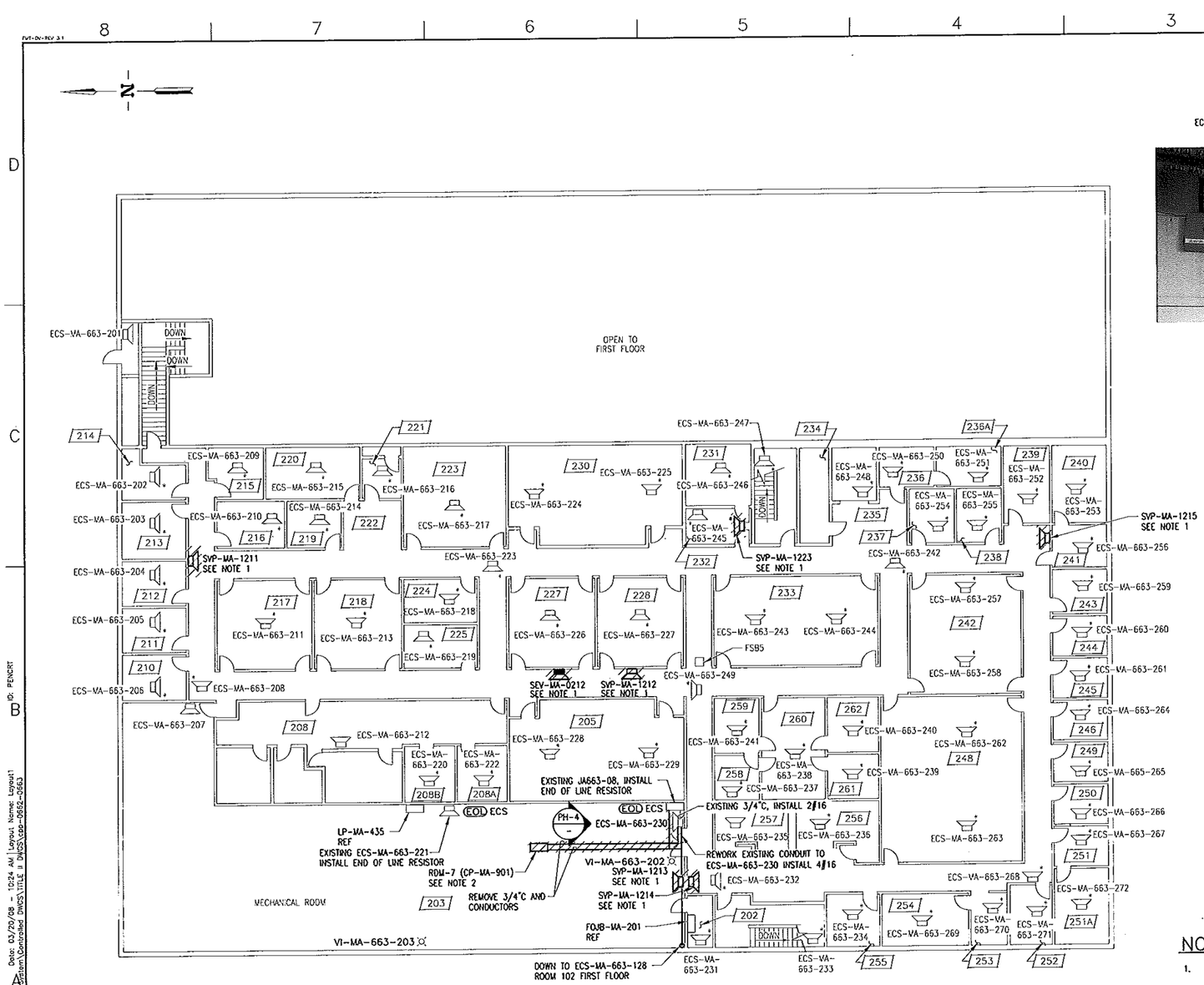


CPP 663 SECOND FLOOR PLAN
SCALE: 3/32"=1'-0"

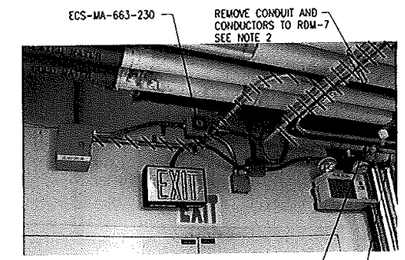


PHOTO PH-4

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. REMOVE SEV AND SVP SPEAKERS AND CONDUCTORS BACK TO REMOTE AMP III IN ROOM 149.
2. REMOVE RDM--7 AND ASSOCIATED CONDUIT BACK TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE BACK TO FOJB-MA-201 REMOVE POWER CONDUCTORS BACK TO LP-MA-435.

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/32" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS	DATE
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOKY		

Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-663 SECOND FLOOR PLAN AND PHOTO

PROJECT NUMBER: 26372
EFFECTIVE DATE:

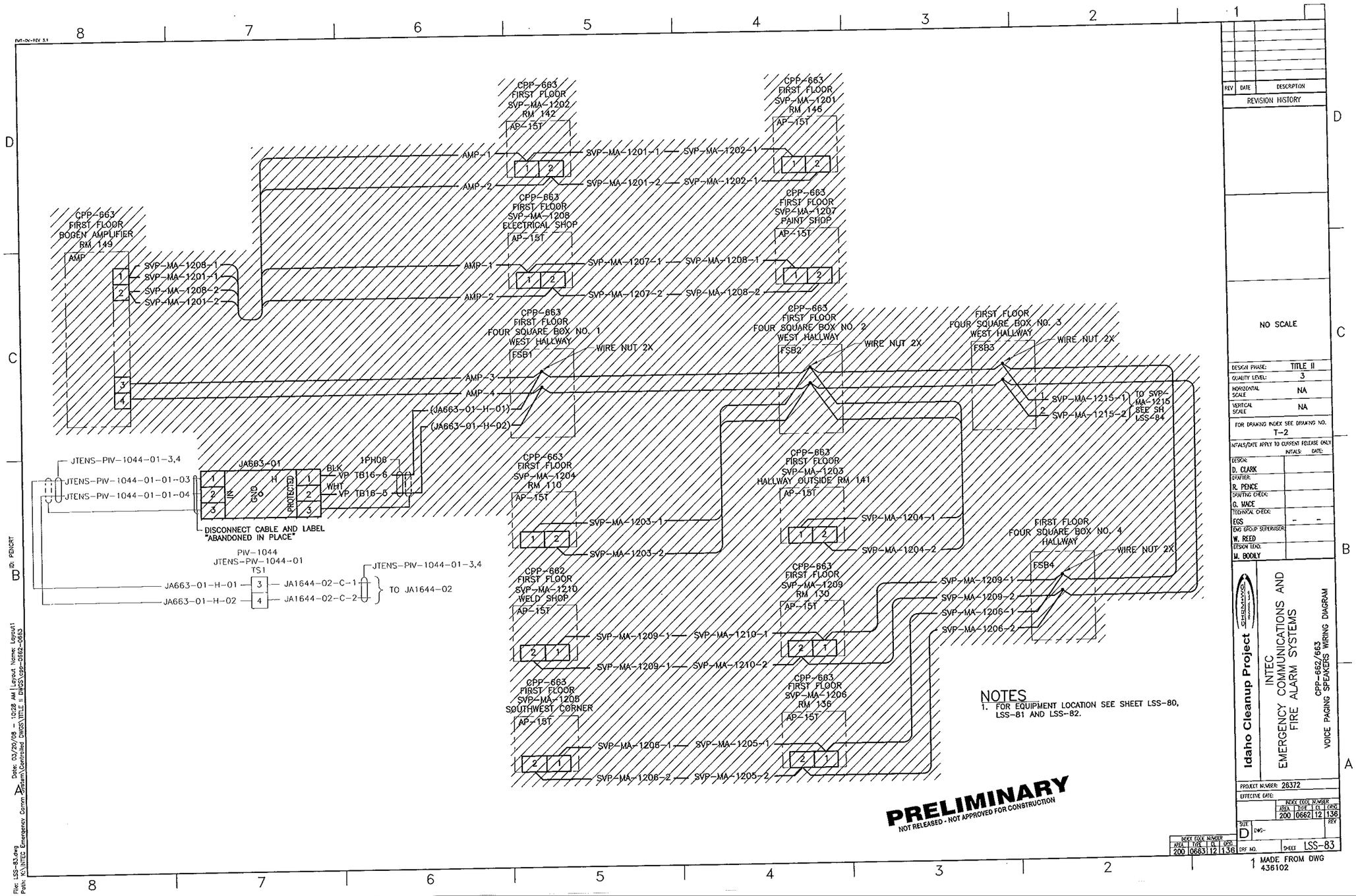
AREA	TOS	CL	DWG
200	0663	12	136

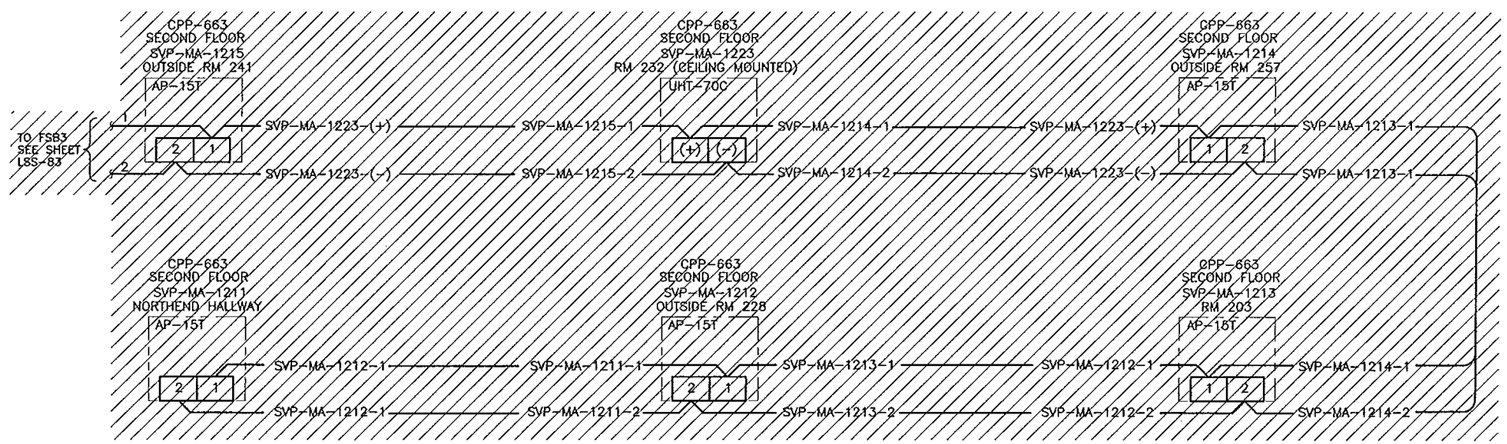
SIZE D DWG- REV
DRF NO. SHEET LSS-82

LSS-7158

MADE FROM DWGS 449838 SHT 2

File: LSS-82.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\cpp-0663\cpp-0652-0663
Date: 03/20/08 - 10:24 AM | Layout Name: Layout1
ID: PENCRT


CPP-663
FIRST FLOOR
BOGEN AMPLIFIER
RM 149
AMP
SVP-MA-1208-1
SVP-MA-1201-1
SVP-MA-1208-2
SVP-MA-1201-2
CPP-663
FIRST FLOOR
SVP-MA-1202
RM 142
AP-15T
AMP-1
AMP-2
SVP-MA-1201-1
SVP-MA-1202-1
SVP-MA-1201-2
SVP-MA-1202-1
CPP-663
FIRST FLOOR
SVP-MA-1201
RM 146
AP-15T
CPP-663
FIRST FLOOR
SVP-MA-1208
ELECTRICAL SHOP
AP-15T
AMP-1
AMP-2
SVP-MA-1207-1
SVP-MA-1208-1
SVP-MA-1207-2
SVP-MA-1208-2
CPP-663
FIRST FLOOR
SVP-MA-1207
PAINT SHOP
AP-15T
CPP-663
FIRST FLOOR
FOUR SQUARE BOX NO. 1
WEST HALLWAY
FSB1
WIRE NUT 2X
CPP-663
FIRST FLOOR
FOUR SQUARE BOX NO. 2
WEST HALLWAY
FSB2
WIRE NUT 2X
FIRST FLOOR
FOUR SQUARE BOX NO. 3
WEST HALLWAY
FSB3
WIRE NUT 2X
AMP-3
AMP-4
(JA663-01-H-01)
(JA663-01-H-02)
SVP-MA-1215-1
SVP-MA-1215-2
TO SVP-MA-1215 SEE SH LSS-84
JTENS-PIV-1044-01-3,4
JTENS-PIV-1044-01-01-03
JTENS-PIV-1044-01-01-04
JA663-01
IN
GND
H
PROTECTED
BLK
WHT
1PH06
VP TB16-6
VP TB16-5
DISCONNECT CABLE AND LABEL "ABANDONED IN PLACE"
PIV-1044
JTENS-PIV-1044-01
TS1
JA663-01-H-01
JA663-01-H-02
JA1644-02-C-1
JA1644-02-C-2
JTENS-PIV-1044-01-3,4
TO JA1644-02
CPP-663
FIRST FLOOR
SVP-MA-1204
RM 110
AP-15T
SVP-MA-1203-1
SVP-MA-1203-2
CPP-663
FIRST FLOOR
SVP-MA-1203
HALLWAY OUTSIDE RM 141
AP-15T
SVP-MA-1204-1
SVP-MA-1204-2
FIRST FLOOR
FOUR SQUARE BOX NO. 4
HALLWAY
FSB4
WIRE NUT 2X
CPP-662
FIRST FLOOR
SVP-MA-1210
WELD SHOP
AP-15T
SVP-MA-1209-1
SVP-MA-1210-1
SVP-MA-1209-1
SVP-MA-1210-2
CPP-663
FIRST FLOOR
SVP-MA-1209
RM 130
AP-15T
SVP-MA-1209-1
SVP-MA-1209-2
SVP-MA-1206-1
SVP-MA-1206-2
CPP-663
FIRST FLOOR
SVP-MA-1205
SOUTHWEST CORNER
AP-15T
SVP-MA-1205-1
SVP-MA-1206-1
SVP-MA-1205-2
SVP-MA-1206-2
CPP-663
FIRST FLOOR
SVP-MA-1206
RM 136
AP-15T
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-80, LSS-81 AND LSS-82.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
INDEX CODE NUMBER
AREA TYPE CL GRID
200 0663 12 136
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NA
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS DATE
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
DWG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOOLY
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-662/663
VOICE PAGING SPEAKERS WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-83
1 MADE FROM DWG 436102
Date: 03/20/08 - 10:28 AM | Layout Name: Layout1
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\cpp-0662-0663
File: LSS-83.dwg



NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-82.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NA
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: W. BODILY		

Idaho Cleanup Project
SHEA&WYCO
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-663 VOICE PAGING SPEAKER WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DRWG
200	0663	12	136

SIZE D DWG- REV
DRF NO SHEET LSS-84

MADE FROM DWG 436102 SHEET 2

File: LSS-84.dwg
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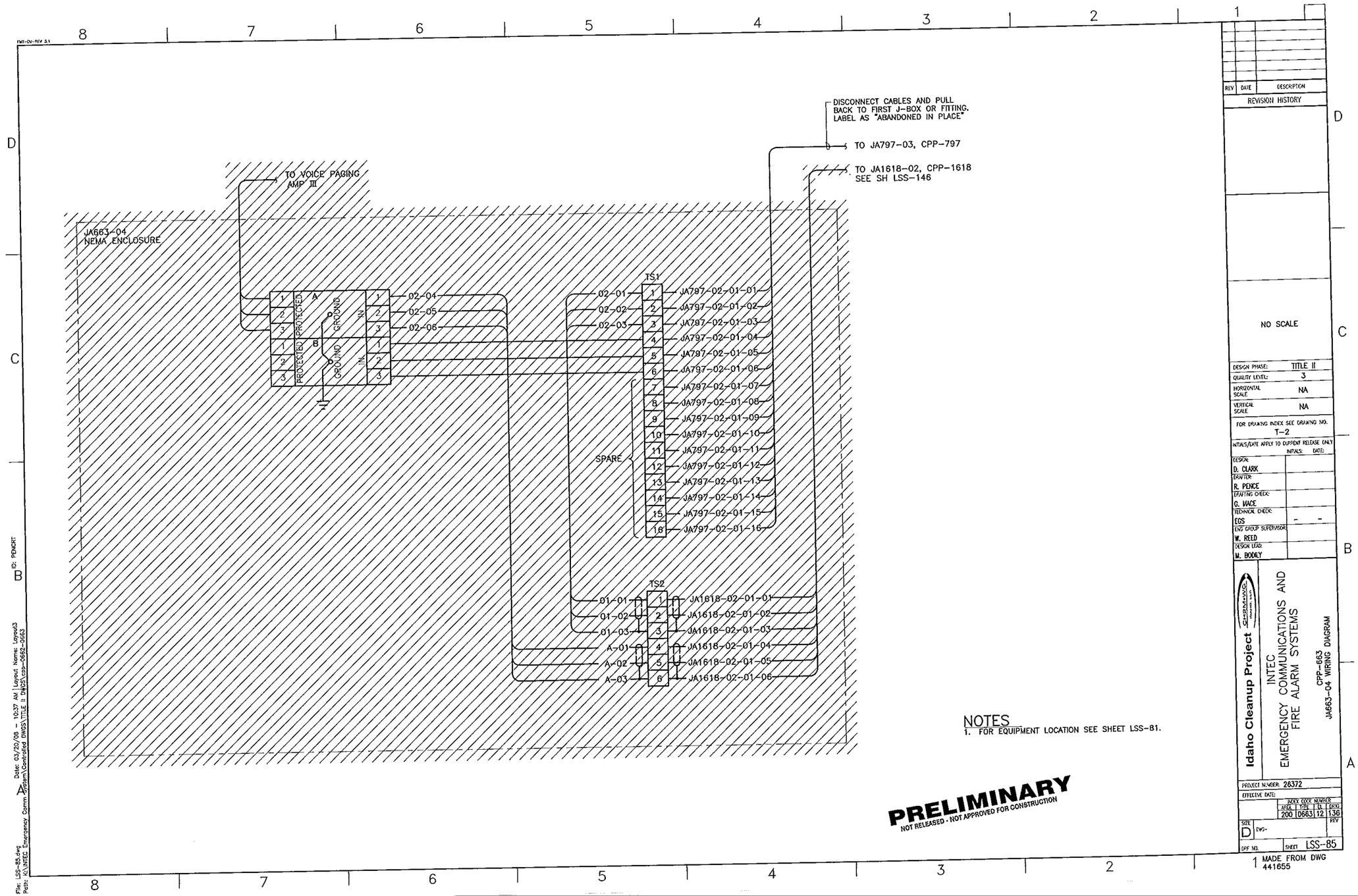
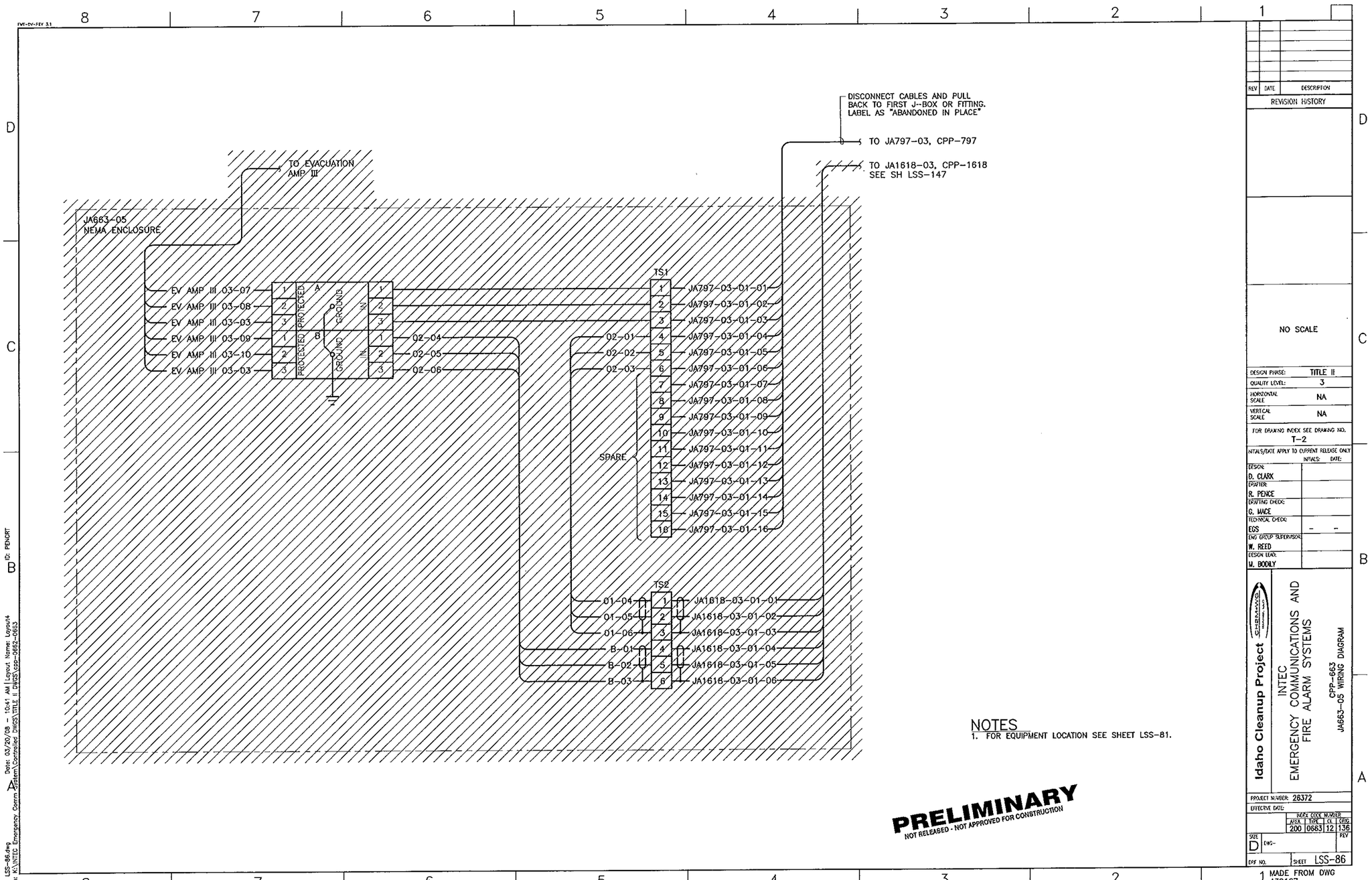
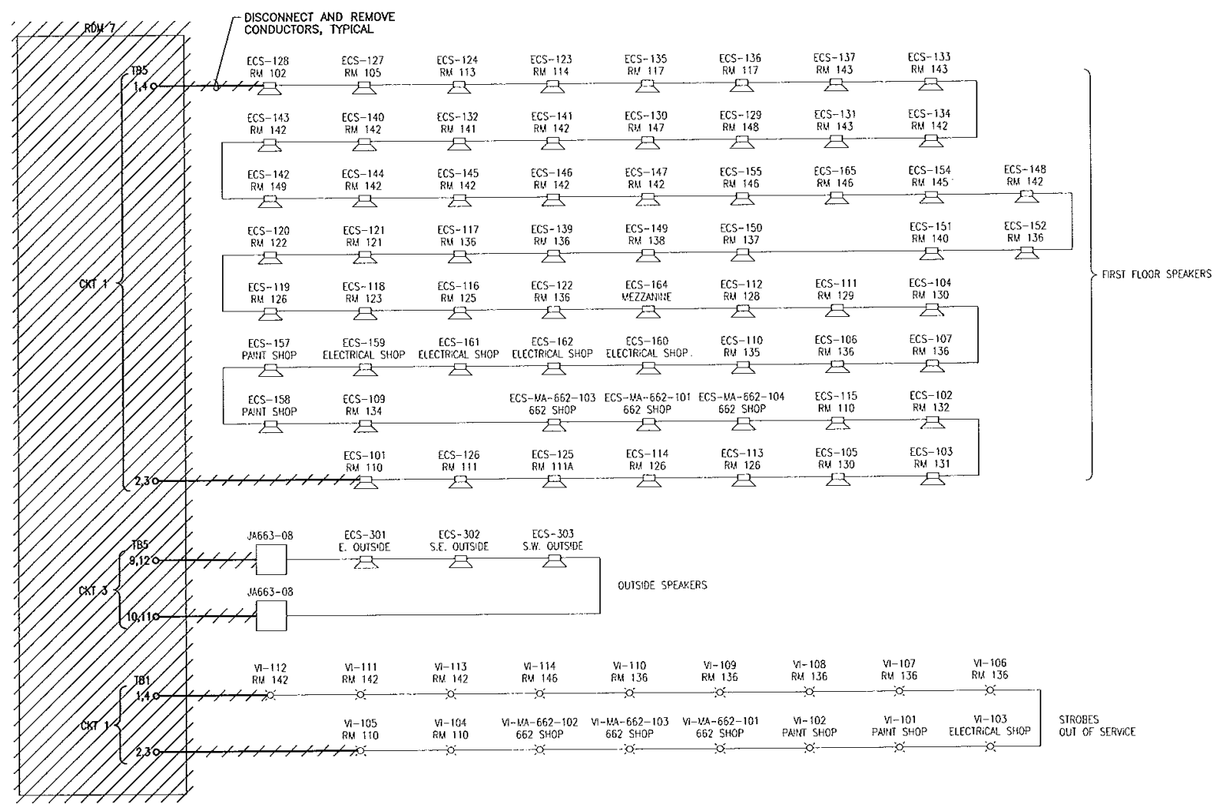
Date: 03/20/08 - 10:33 AM Layout Name: Layout2
ID: PENCRT


DISCONNECT CABLES AND PULL BACK TO FIRST J-BOX OR FITTING. LABEL AS "ABANDONED IN PLACE"
TO JA797-03, CPP-797
TO JA1618-02, CPP-1618 SEE SH LSS-146
TO VOICE PAGING AMP III
JA663-04 NEMA ENCLOSURE
PROTECTED
GROUND
IN
02-04
02-05
02-06
TS1
02-01
02-02
02-03
JA797-02-01-01
JA797-02-01-02
JA797-02-01-03
JA797-02-01-04
JA797-02-01-05
JA797-02-01-06
JA797-02-01-07
JA797-02-01-08
JA797-02-01-09
JA797-02-01-10
JA797-02-01-11
JA797-02-01-12
JA797-02-01-13
JA797-02-01-14
JA797-02-01-15
JA797-02-01-16
SPARE
TS2
01-01
01-02
01-03
A-01
A-02
A-03
JA1618-02-01-01
JA1618-02-01-02
JA1618-02-01-03
JA1618-02-01-04
JA1618-02-01-05
JA1618-02-01-06
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-81.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NA
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-663 JA663-04 WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL DWG
200 0663 12 136
SIZE D
DWG-
REV
DFF NO.
SHEET LSS-85
MADE FROM DWG 441655
File: LSS-85.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\cpp-0662-0663
Date: 03/20/08 - 10:37 AM | Layout Name: Layout3
ID: PENCRT


DISCONNECT CABLES AND PULL BACK TO FIRST J-BOX OR FITTING. LABEL AS "ABANDONED IN PLACE"
TO JA797-03, CPP-797
TO JA1618-03, CPP-1618 SEE SH LSS-147
TO EVACUATION AMP III
JA663-05 NEMA ENCLOSURE
EV AMP III 03-07
EV AMP III 03-08
EV AMP III 03-03
EV AMP III 03-09
EV AMP III 03-10
EV AMP III 03-03
PROTECTED
GROUND
IN
02-04
02-05
02-06
TS1
JA797-03-01-01
JA797-03-01-02
JA797-03-01-03
JA797-03-01-04
JA797-03-01-05
JA797-03-01-06
JA797-03-01-07
JA797-03-01-08
JA797-03-01-09
JA797-03-01-10
JA797-03-01-11
JA797-03-01-12
JA797-03-01-13
JA797-03-01-14
JA797-03-01-15
JA797-03-01-16
02-01
02-02
02-03
SPARE
TS2
01-04
01-05
01-06
B-01
B-02
B-03
JA1618-03-01-01
JA1618-03-01-02
JA1618-03-01-03
JA1618-03-01-04
JA1618-03-01-05
JA1618-03-01-06
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-81.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NA
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-663 JA663-05 WIRING DIAGRAM
PROJECT NUMBER: 28372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL ORIG
200 0663 12 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-86
MADE FROM DWG 430167
File: LSS-86.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\cpp-0662-0663
Date: 03/20/08 - 10:41 AM | Layout Name: Layout4
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-80 AND LSS-82.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION
REVISION HISTORY		

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NA
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOILY		

Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-663 RDM-7 SPEAKER/STROBE WIRING DIAGRAM SHEET 1

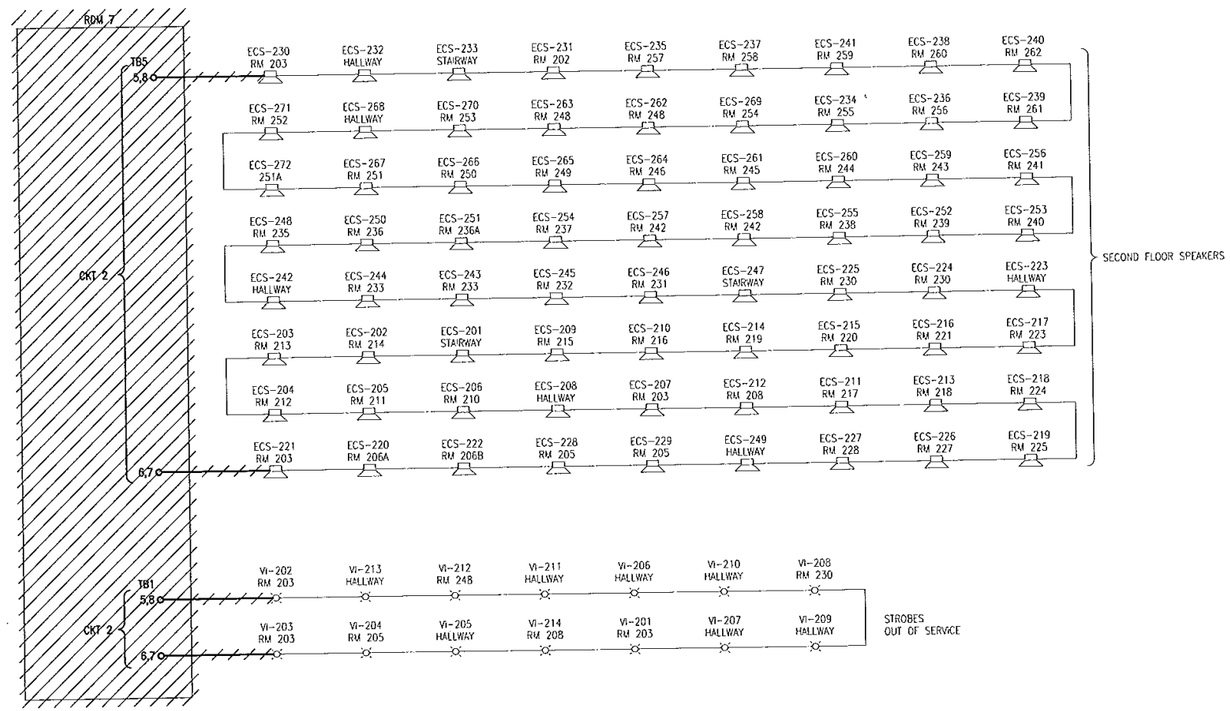
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	GROUP
200	0663	12	136

SIZE: D DWG-
REV
REF NO.
SHEET LSS-87

MADE FROM DWGS 449839

File: LSS-87.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\csp-0662-0663
Date: 03/20/08 - 10:44 AM | Layout Name: Layout1
ID: PENCRT



NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-82.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NA
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-663 RDM-7 SPEAKER/STROBE WIRING DIAGRAM SHEET 2

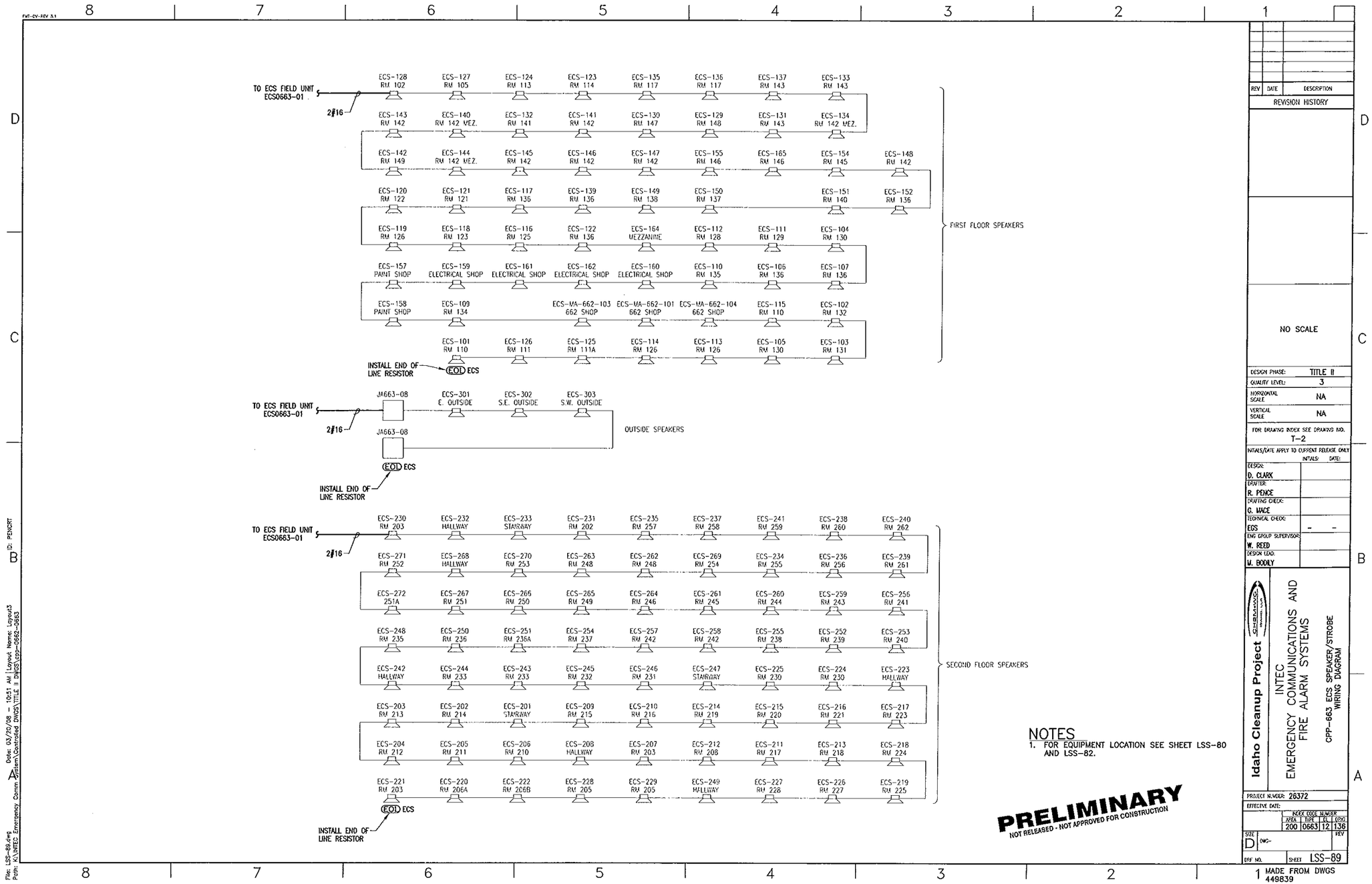
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	0663	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-88

MADE FROM DWGS 449839 SHEET 2

File: LSS-88.dwg Date: 03/20/08 - 11:42 AM Layout Name: Layout2 ID: PENCRT
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\cpp-0662-0663


TO ECS FIELD UNIT ECS0663-01
2#16
ECS-128 RM 102
ECS-127 RM 105
ECS-124 RM 113
ECS-123 RM 114
ECS-135 RM 117
ECS-136 RM 117
ECS-137 RM 143
ECS-133 RM 143
ECS-143 RM 142
ECS-140 RM 142 MEZ.
ECS-132 RM 141
ECS-141 RM 142
ECS-130 RM 147
ECS-129 RM 148
ECS-131 RM 143
ECS-134 RM 142 MEZ.
ECS-142 RM 149
ECS-144 RM 142 MEZ.
ECS-145 RM 142
ECS-146 RM 142
ECS-147 RM 142
ECS-155 RM 146
ECS-165 RM 146
ECS-154 RM 145
ECS-148 RM 142
ECS-120 RM 122
ECS-121 RM 121
ECS-117 RM 136
ECS-139 RM 136
ECS-149 RM 138
ECS-150 RM 137
ECS-151 RM 140
ECS-152 RM 136
ECS-119 RM 126
ECS-118 RM 123
ECS-116 RM 125
ECS-122 RM 136
ECS-164 MEZZANINE
ECS-112 RM 128
ECS-111 RM 129
ECS-104 RM 130
ECS-157 PAINT SHOP
ECS-159 ELECTRICAL SHOP
ECS-161 ELECTRICAL SHOP
ECS-162 ELECTRICAL SHOP
ECS-160 ELECTRICAL SHOP
ECS-110 RM 135
ECS-106 RM 136
ECS-107 RM 136
ECS-158 PAINT SHOP
ECS-109 RM 134
ECS-MA-662-103 662 SHOP
ECS-MA-662-101 662 SHOP
ECS-MA-662-104 662 SHOP
ECS-115 RM 110
ECS-102 RM 132
ECS-101 RM 110
ECS-126 RM 111
ECS-125 RM 111A
ECS-114 RM 126
ECS-113 RM 126
ECS-105 RM 130
ECS-103 RM 131
FIRST FLOOR SPEAKERS
INSTALL END OF LINE RESISTOR
EOL ECS
TO ECS FIELD UNIT ECS0663-01
2#16
JA663-08
ECS-301 E. OUTSIDE
ECS-302 S.E. OUTSIDE
ECS-303 S.W. OUTSIDE
JA663-08
OUTSIDE SPEAKERS
EOL ECS
INSTALL END OF LINE RESISTOR
TO ECS FIELD UNIT ECS0663-01
2#16
ECS-230 RM 203
ECS-232 HALLWAY
ECS-233 STAIRWAY
ECS-231 RM 202
ECS-235 RM 257
ECS-237 RM 258
ECS-241 RM 259
ECS-238 RM 260
ECS-240 RM 262
ECS-271 RM 252
ECS-268 HALLWAY
ECS-270 RM 253
ECS-263 RM 248
ECS-262 RM 248
ECS-269 RM 254
ECS-234 RM 255
ECS-236 RM 256
ECS-239 RM 261
ECS-272 251A
ECS-267 RM 251
ECS-266 RM 250
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ECS-259 RM 243
ECS-256 RM 241
ECS-248 RM 235
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ECS-254 RM 237
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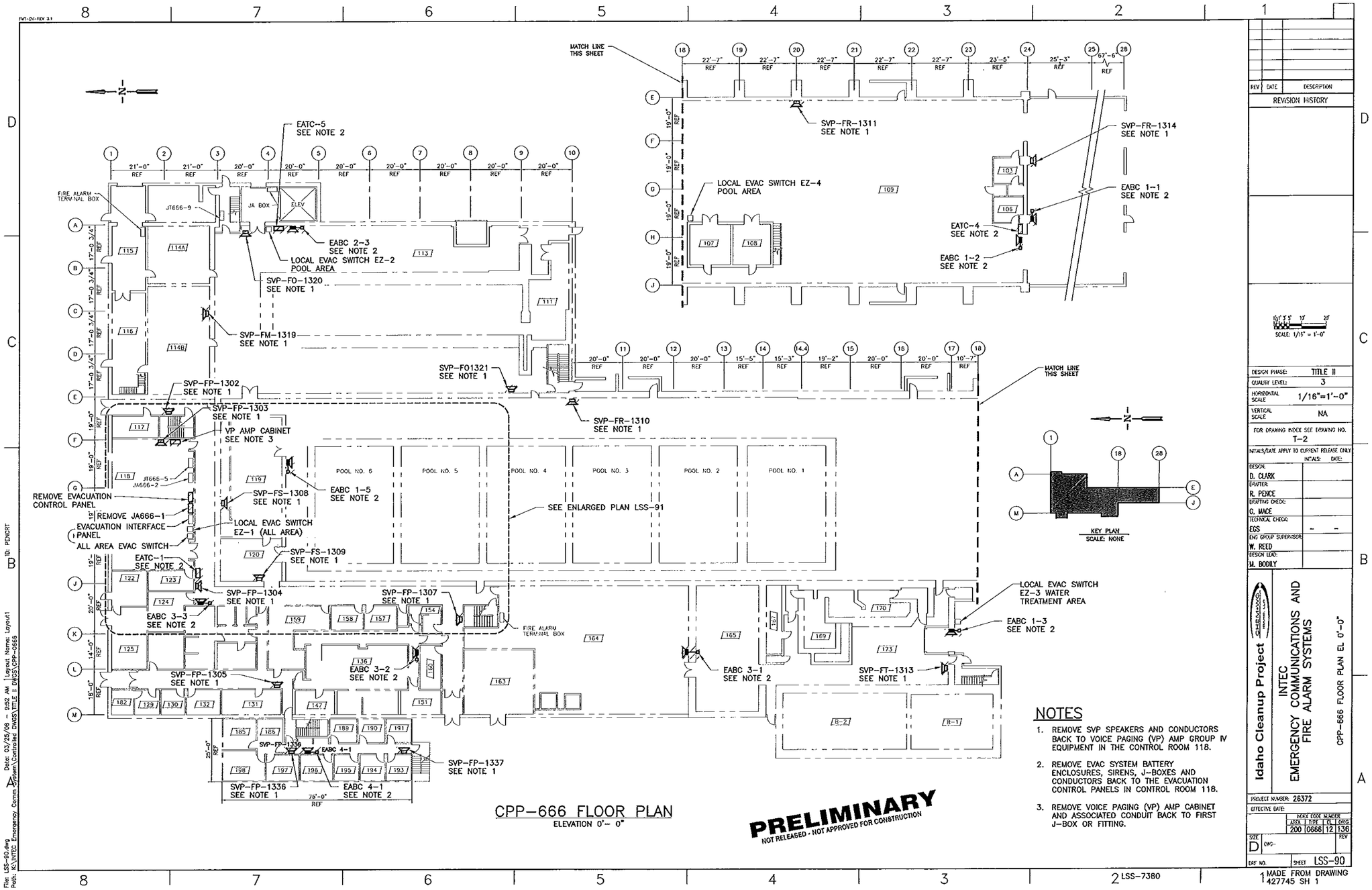
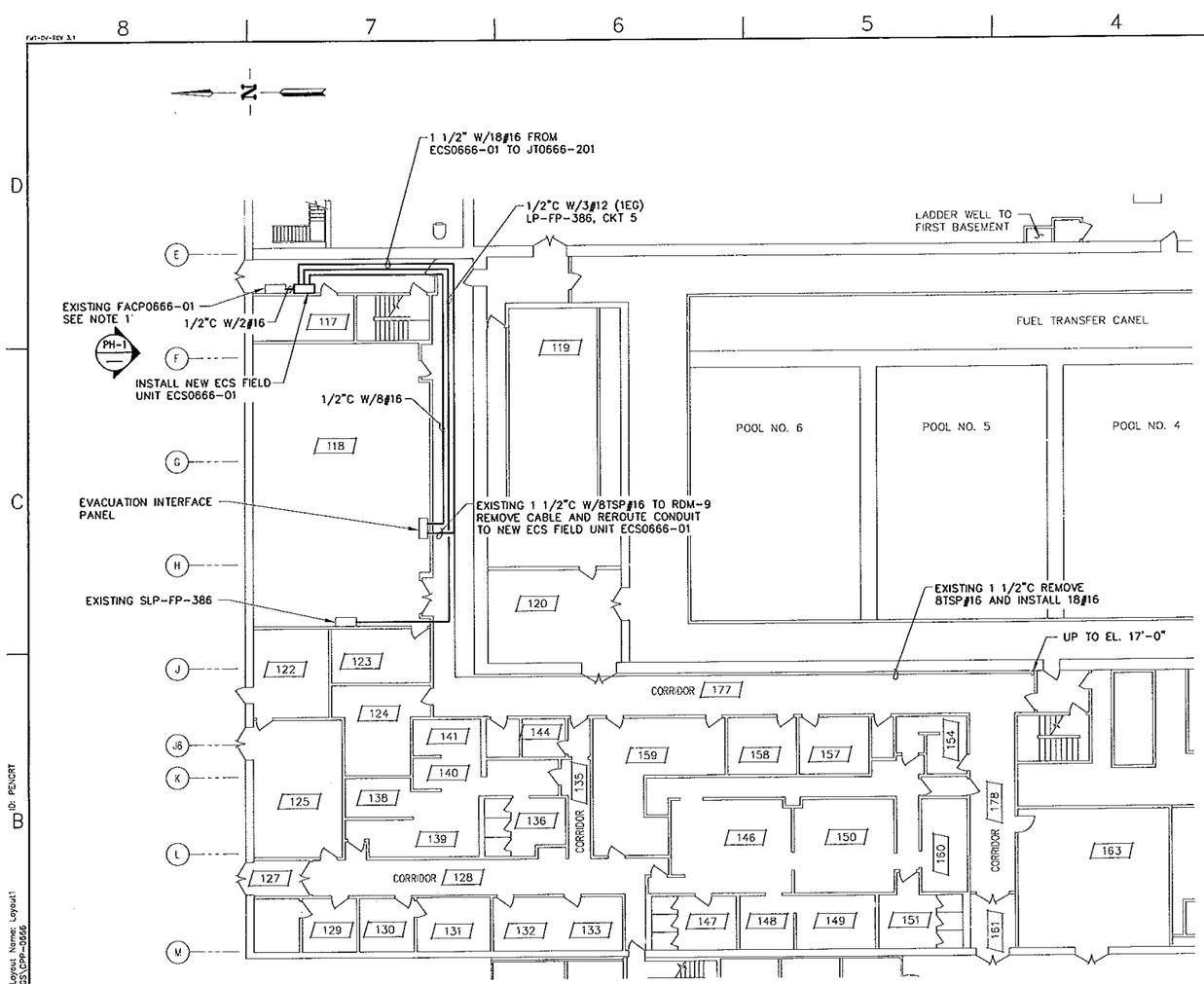
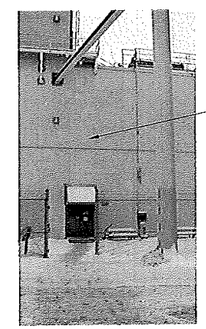
ECS-258 RM 242
ECS-255 RM 238
ECS-252 RM 239
ECS-253 RM 240
ECS-242 HALLWAY
ECS-244 RM 233
ECS-243 RM 233
ECS-245 RM 232
ECS-246 RM 231
ECS-247 STAIRWAY
ECS-225 RM 230
ECS-224 RM 230
ECS-223 HALLWAY
ECS-203 RM 213
ECS-202 RM 214
ECS-201 STAIRWAY
ECS-209 RM 215
ECS-210 RM 216
ECS-214 RM 219
ECS-215 RM 220
ECS-216 RM 221
ECS-217 RM 223
ECS-204 RM 212
ECS-205 RM 211
ECS-206 RM 210
ECS-208 HALLWAY
ECS-207 RM 203
ECS-212 RM 208
ECS-211 RM 217
ECS-213 RM 218
ECS-218 RM 224
ECS-221 RM 203
ECS-220 RM 206A
ECS-222 RM 206B
ECS-228 RM 205
ECS-229 RM 205
ECS-249 HALLWAY
ECS-227 RM 228
ECS-226 RM 227
ECS-219 RM 225
SECOND FLOOR SPEAKERS
EOL ECS
INSTALL END OF LINE RESISTOR
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-80 AND LSS-82.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NA
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS DATE
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: C. WACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODLY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-663 ECS SPEAKER/STROBE WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL DWG
200 0663 12 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-89
MADE FROM DWGS 449839
Date: 03/20/08 - 10:51 AM Layout Name: Layout3
Path: K:\INTEC Emergency Comm System\Controlled Dwgs\TITLE II DWGS\cpp-0662-0663
File: LSS-89.dwg
ID: PENCRT


CPP-666 FLOOR PLAN
ELEVATION 0'- 0"
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTES
1. REMOVE SVP SPEAKERS AND CONDUCTORS BACK TO VOICE PAGING (VP) AMP GROUP IV EQUIPMENT IN THE CONTROL ROOM 118.
2. REMOVE EVAC SYSTEM BATTERY ENCLOSURES, SIRENS, J-BOXES AND CONDUCTORS BACK TO THE EVACUATION CONTROL PANELS IN CONTROL ROOM 118.
3. REMOVE VOICE PAGING (VP) AMP CABINET AND ASSOCIATED CONDUIT BACK TO FIRST J-BOX OR FITTING.
KEY PLAN
SCALE: NONE
MATCH LINE THIS SHEET
SVP-FR-1311 SEE NOTE 1
SVP-FR-1314 SEE NOTE 1
LOCAL EVAC SWITCH EZ-4 POOL AREA
EABC 1-1 SEE NOTE 2
EATC-4 SEE NOTE 2
EABC 1-2 SEE NOTE 2
EATC-5 SEE NOTE 2
FIRE ALARM TERMINAL BOX
EABC 2-3 SEE NOTE 2
LOCAL EVAC SWITCH EZ-2 POOL AREA
SVP-FO-1320 SEE NOTE 1
SVP-FM-1319 SEE NOTE 1
SVP-FO1321 SEE NOTE 1
SVP-FR-1310 SEE NOTE 1
SVP-FP-1302 SEE NOTE 1
SVP-FP-1303 SEE NOTE 1
VP AMP CABINET SEE NOTE 3
POOL NO. 6
POOL NO. 5
POOL NO. 4
POOL NO. 3
POOL NO. 2
POOL NO. 1
EABC 1-5 SEE NOTE 2
SVP-FS-1308 SEE NOTE 1
SEE ENLARGED PLAN LSS-91
REMOVE EVACUATION CONTROL PANEL
REMOVE JA666-1
EVACUATION INTERFACE PANEL
ALL AREA EVAC SWITCH
LOCAL EVAC SWITCH EZ-1 (ALL AREA)
SVP-FS-1309 SEE NOTE 1
EATC-1 SEE NOTE 2
SVP-FP-1304 SEE NOTE 1
SVP-FP-1307 SEE NOTE 1
EABC 3-3 SEE NOTE 2
LOCAL EVAC SWITCH EZ-3 WATER TREATMENT AREA
EABC 1-3 SEE NOTE 2
EABC 3-2 SEE NOTE 2
EABC 3-1 SEE NOTE 2
SVP-FT-1313 SEE NOTE 1
SVP-FP-1305 SEE NOTE 1
SVP-FP-1336 SEE NOTE 1
EABC 4-1 SEE NOTE 2
SVP-FP-1337 SEE NOTE 1
REVISION HISTORY
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE 1/16"=1'-0"
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-666 FLOOR PLAN EL 0'-0"
PROJECT NUMBER: 26372
SIZE D
SHEET LSS-90
LSS-7380
MADE FROM DRAWING 427745 SH 1

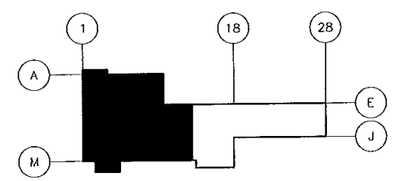


CPP-666 ENLARGED FLOOR PLAN
ELEVATION 0'-0"
SCALE: 3/32"=1'-0"



INSTALL ANTENNA IN THIS GENERAL AREA SEE TYPICAL DETAIL ON SH LSS-4

PHOTO PH-1



KEY PLAN
SCALE: NONE

NOTE

1. FOR TYPICAL FCI 7100 CONNECTION DETAIL SEE SHEET LSS-5.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/32" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: C. WADE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOORLY		

Idaho Cleanup Project
SiteMaxx

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-666 ENLARGED FLOOR PLAN EL 0'-0" AND PHOTO

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	0666	12	136

SIZE D DWG- REV

EPF NO. SHEET LSS-91

MADE FROM DRAWING 520165 SH 1

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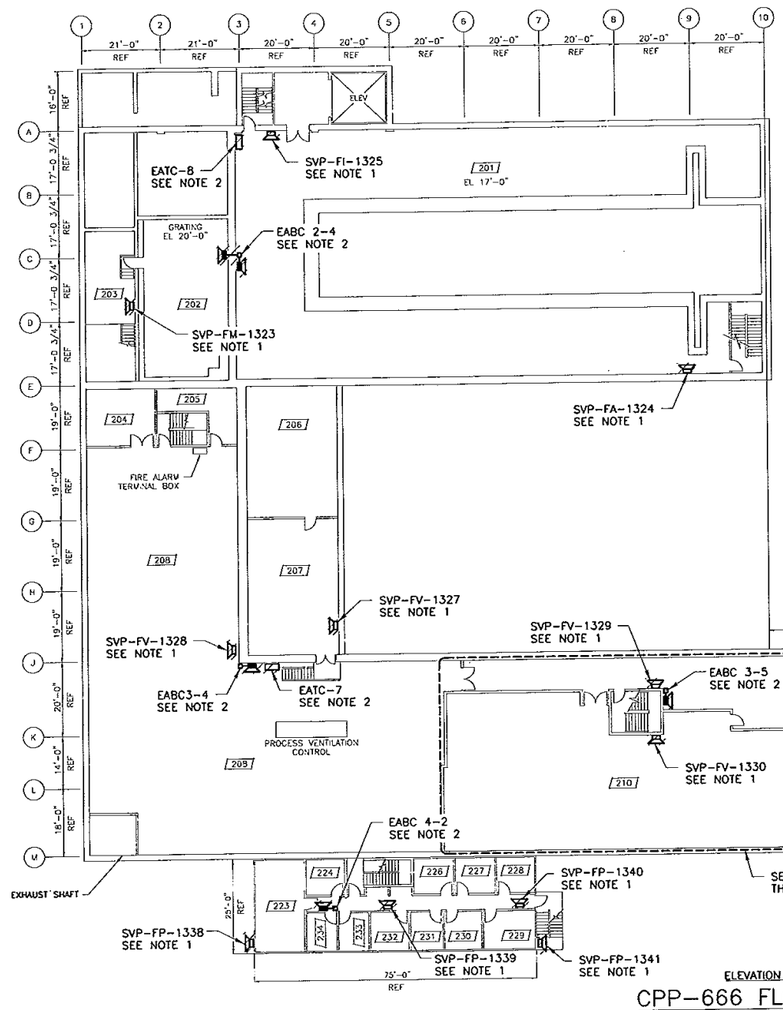
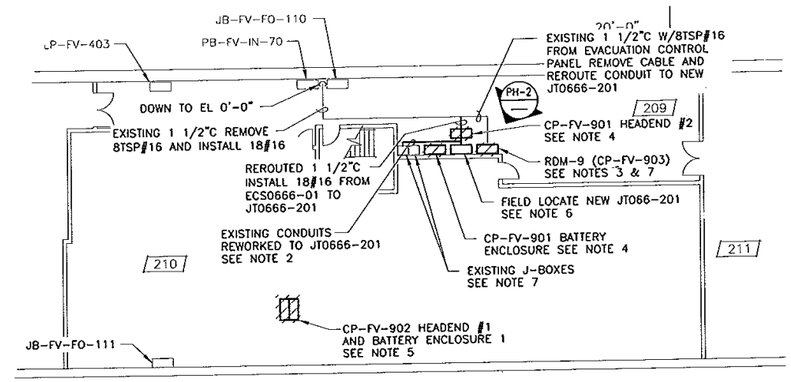
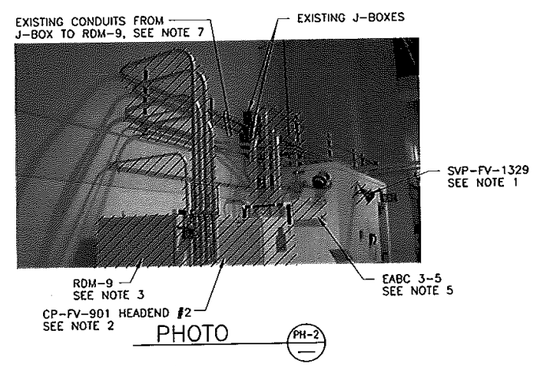
Date: 03/20/08 - 12:27 PM | Layout Name: Layout1
ID: PENCRT



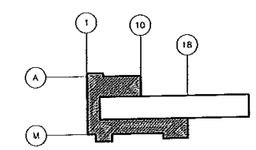
CPP-666 FLOOR PLAN
SCALE: 1/16"=1'-0"



ENLARGED PLAN
SCALE: 3/32"=1'-0"



PHOTO



KEY PLAN
SCALE: NONE

NOTES

1. REMOVE SVP SPEAKERS AND CONDUCTORS BACK TO VOICE PAGING (VP) AMP GROUP IV EQUIPMENT IN THE CONTROL ROOM 118.
2. REMOVE EVAC SYSTEM BATTERY ENCLOSURES, SIRENS, J-BOXES AND CONDUCTORS BACK TO THE EVACUATION CONTROL PANELS IN CONTROL ROOM 118.
3. REMOVE RDM-9 AND ASSOCIATED CONDUIT BACK TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE BACK TO JB-FV-FO-110. REMOVE POWER CONDUCTORS BACK TO LP-FV-403, CIRCUIT 7, (CIRCUIT 7 ALSO POWERS CP-FV-901 SEE NOTE 4).
4. REMOVE CP-FV-901 HEADEND #2 BATTERY ENCLOSURE AND ASSOCIATED CONDUIT BACK TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE BACK TO JB-FV-FO-110. REMOVE POWER CONDUCTORS BACK TO LP-FV-403, CIRCUIT 7, (CIRCUIT 7 ALSO POWERS RDM-9 SEE NOTE 3). REMOVE TSP CABLES BACK TO PB-FV-IN-70. REMOVE TSP CABLES AND FIBER OPTIC CABLES TO CP-FV-902 HEADEND #1.
5. REMOVE CP-FV-902 HEADEND #1, BATTERY ENCLOSURE, AND ASSOCIATED CONDUIT BACK TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE TO JB-FV-FO-111. REMOVE POWER CONDUCTORS TO LP-FV-403 CIRCUIT 2. REMOVE TSP CABLES BACK TO PB-FV-IN-70. REMOVE TSP CABLES AND FIBER OPTIC CABLES TO CP-FV-901 HEADEND #2.
6. NEW JT0666-201 SHALL BE A 18"X18"X6" NEMA 1 ENCLOSURE W/BACK PLATE, TERMINAL BLOCK, CONTINUOUS HINGED COVER AND LOCKING T-HANDLE LATCH.
7. DISCONNECT EXISTING SPEAKER/STROBE CABLES AT RDM-9 AND PULL THEM BACK TO THE EXISTING J-BOXES. REROUTE CONDUITS TO NEW JT0666-201 AND INSTALL EXISTING SPEAKER/STROBE CABLES.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1/16" = 1'-0"
SCALE: 3/32" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOKLY		

Idaho Cleanup Project
SCHERMERHORN

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-666
FLOOR PLAN EL 16'-0", ENLARGED PLAN AND PHOTO

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DISC
200	0666	12	136

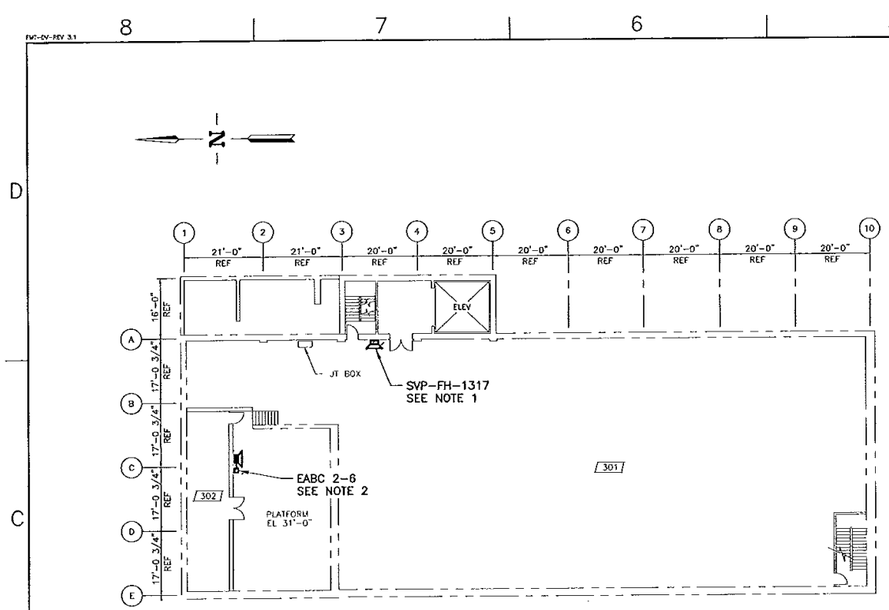
SIZE D ENG- REV

DRF NO. SHEET LSS-92

MADE FROM DRAWING 427745 SH 2

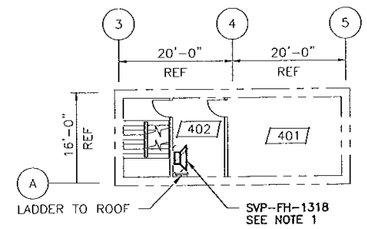
LSS-7380

File: LSS-92.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0666
Date: 03/25/08 - 9:53 AM | Layout Name: Layout1
D: PENGRT



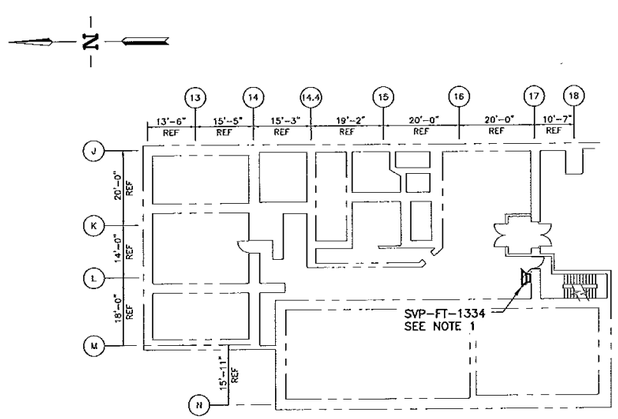
ELEVATION 27'-6"

CPP-666 FLOOR PLAN
SCALE: 1/16"=1'-0"



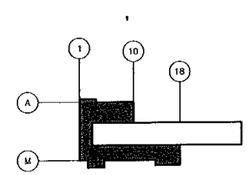
ELEVATION 47'-8 1/2"

CPP-666 FLOOR PLAN
SCALE: 3/32"=1'-0"



ELEVATION 27'-6"

CPP-666 FLOOR PLAN
SCALE: 1/16"=1'-0"



KEY PLAN
SCALE: NONE

NOTES

1. REMOVE SVP SPEAKERS AND CONDUCTORS BACK TO VOICE PAGING (VP) AMP GROUP IV EQUIPMENT IN THE CONTROL ROOM 118.
2. REMOVE EVAC SYSTEM BATTERY ENCLOSURES, SIRENS, J-BOXES AND CONDUCTORS BACK TO THE EVACUATION CONTROL PANELS IN CONTROL ROOM 112.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-666 FLOOR PLANS EL 27'-6" AND 47'-8 1/2"

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	0666	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-93

MADE FROM DRAWING 427745 SH 2

LSS-7380

File: LSS-93.dwg Date: 03/20/08 - 12:47 PM Layout Name: Layout2 ID: PENCRT
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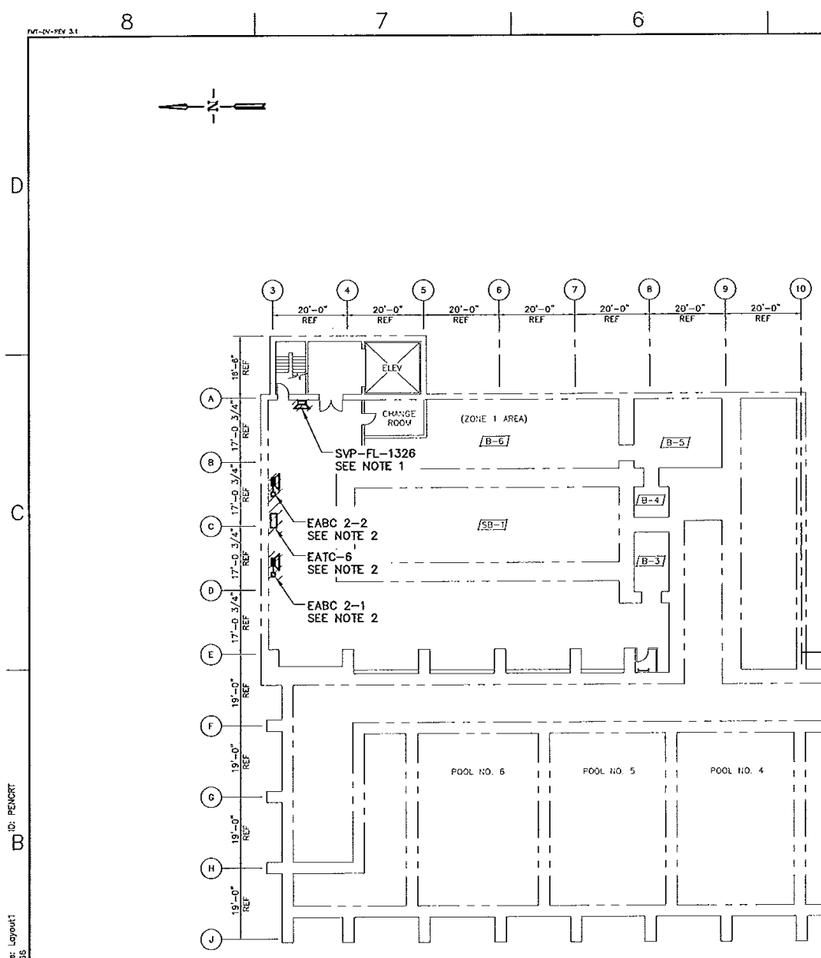
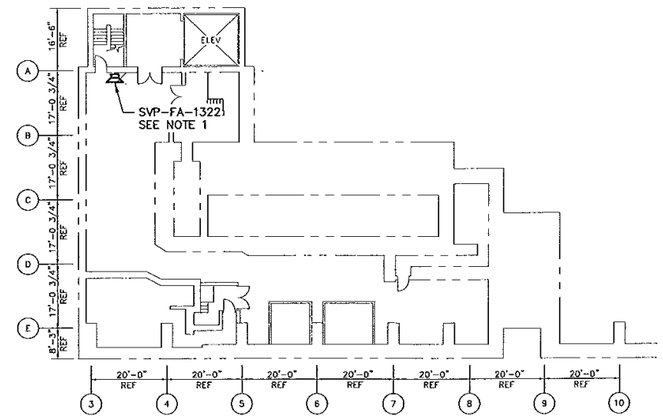
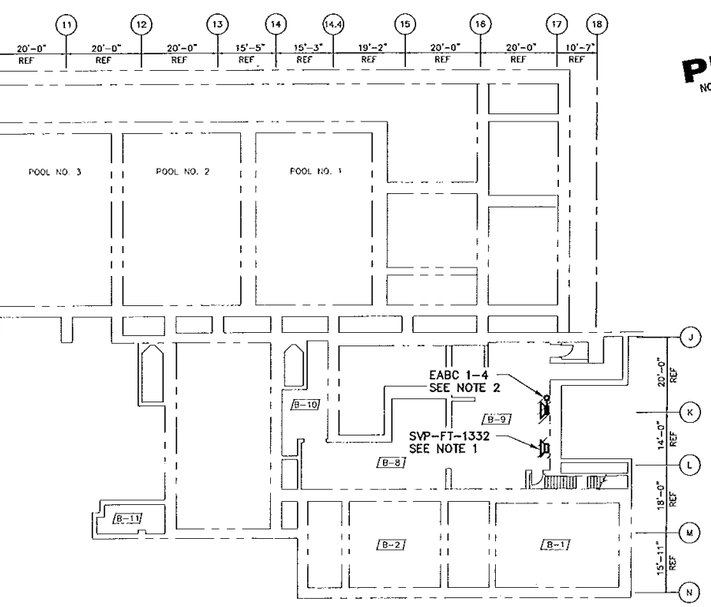


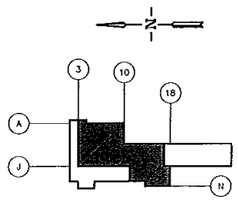
CPP-666 FLOOR PLAN
ELEVATION -13'-0"



CPP-666 FLOOR PLAN
ELEVATION -31'-0"



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION



KEY PLAN
SCALE: NONE

NOTES

1. REMOVE SVP SPEAKERS AND CONDUCTORS BACK TO VOICE PAGING (VP) AMP GROUP IV EQUIPMENT IN THE CONTROL ROOM 118.
2. REMOVE EVAC SYSTEM BATTERY ENCLOSURES, SIRENS, J-BOXES AND CONDUCTORS BACK TO THE EVACUATION CONTROL PANELS IN CONTROL ROOM 112.

REV	DATE	DESCRIPTION

REVISION HISTORY

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	3/32"=1'-0"
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAWING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOLY		

Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-666 FLOOR PLAN EL -13'-0" AND -31'-0"

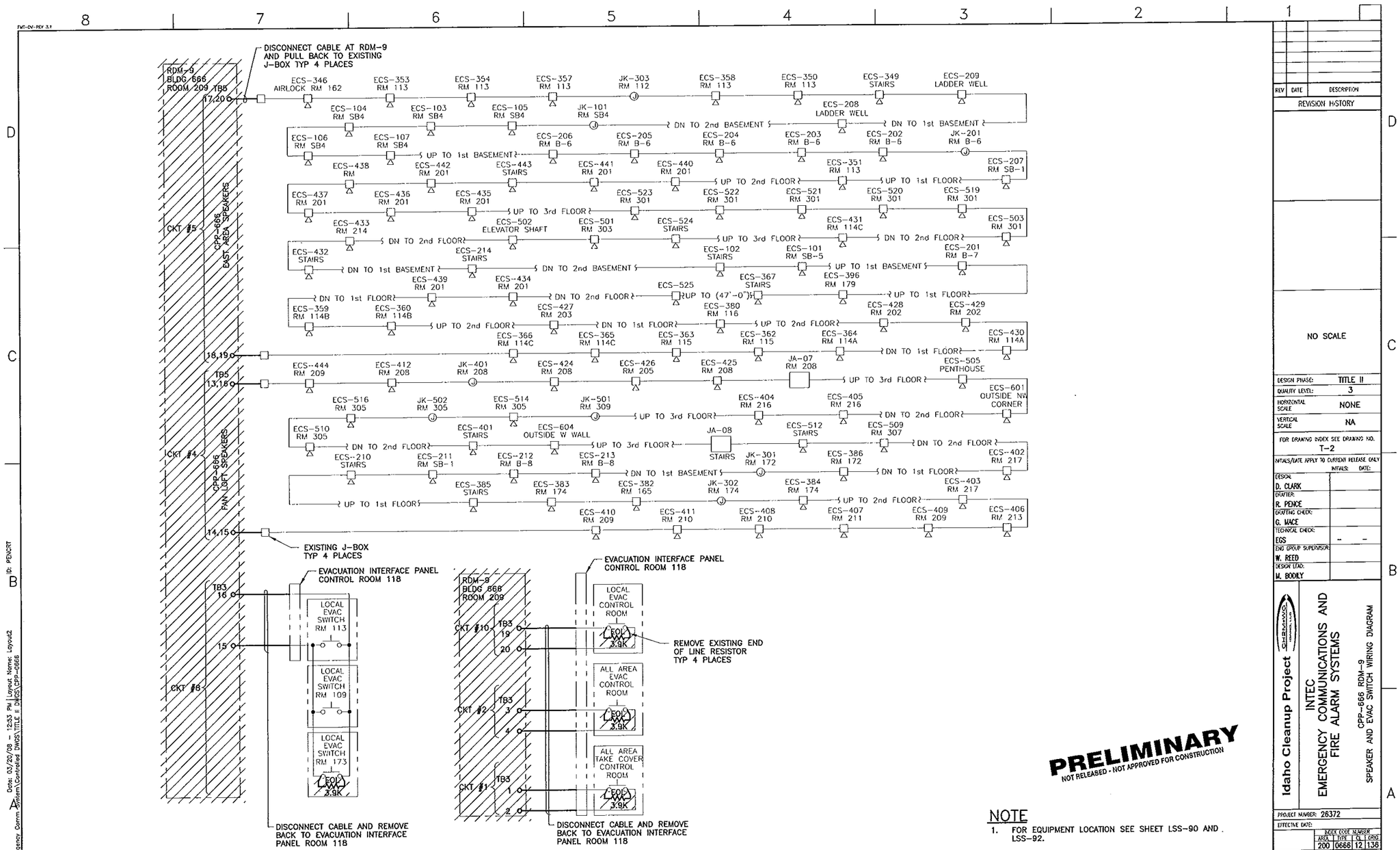
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	Q	LEVEL
200	0666	12	136

SIZE D DWG- REV

DEF NO. SHEET LSS-94

MADE FROM DRAWING 427745 SH 3



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTE
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-90 AND LSS-92.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: EGS	–	–
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOLY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-666 RDM-9
SPEAKER AND EVAC SWITCH WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	0666	12	136

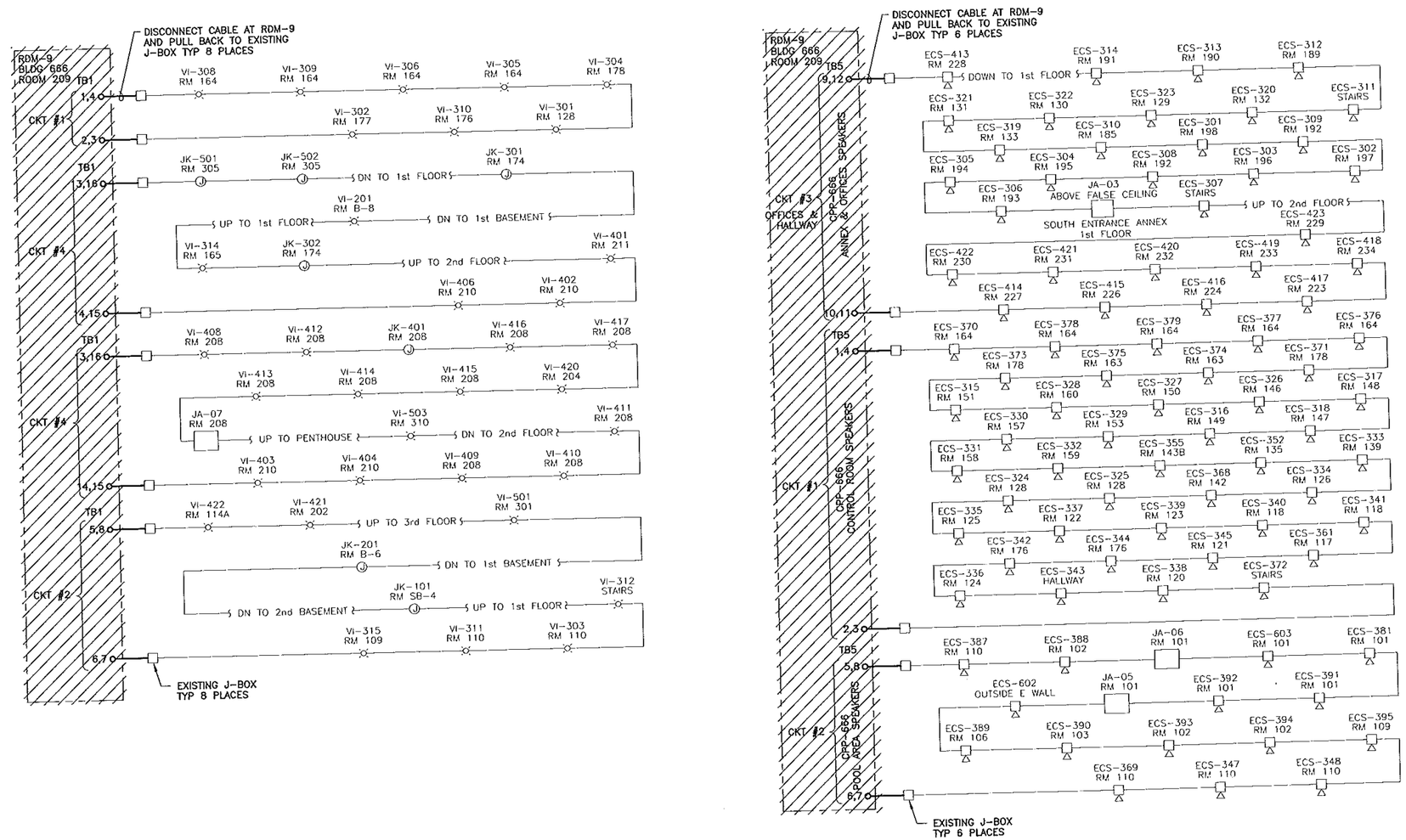
SIZE D DWG- REV

DRF NO. SHEET LSS-95

LSS-7380

MADE FROM DRAWING 183797 SH 1

File: LSS-95.dwg
Path: K:\WTCC Emergency Comm System\Contracted Dwgs\TITLE II DWGS\CPP-666\
Date: 03/20/09 – 12:53 PM | Layout Name: Layout2
ID: PENCRT



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTE
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-92.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WADE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
SHEMWOOD

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-666 RDM-9 SPEAKER/STROBE WIRING DIAGRAM

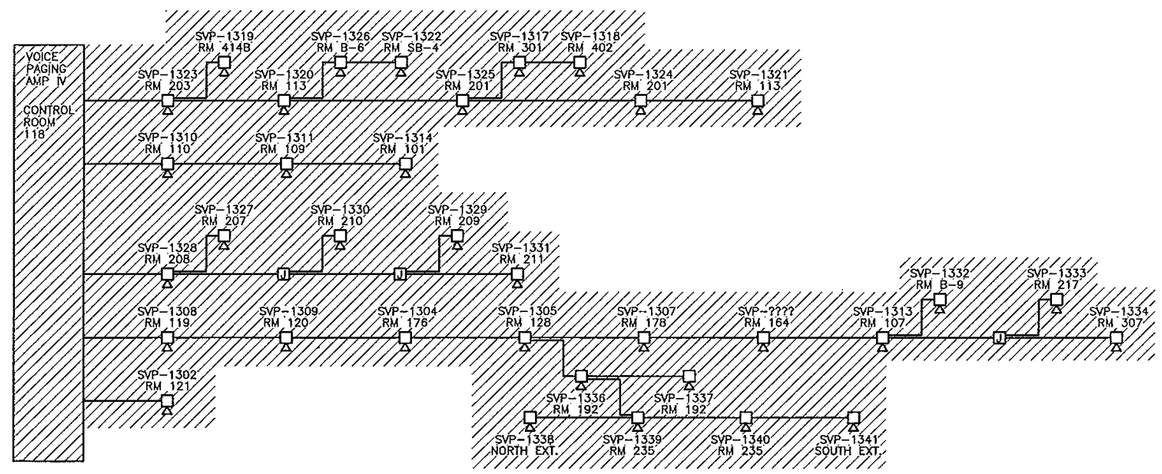
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CI	SEQ
200	0666	12	136

SIZE D DWG- REV

DFF NO. SHEET LSS-96

1 MADE FROM DRAWING 183797 SH 1 AND 2
2 LSS-7380



NOTE

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-90, LSS-92, LSS-93 AND LSS-94.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENICE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
CNS GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOILY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-666 VOICE PAGING SPEAKER WIRING DIAGRAM

PROJECT NUMBER: 28372

EFFECTIVE DATE:

INDEX CODE NUMBER			
ASSA	TYPE	CL	CODE
200	0666	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-97

File: LSS-97.dwg
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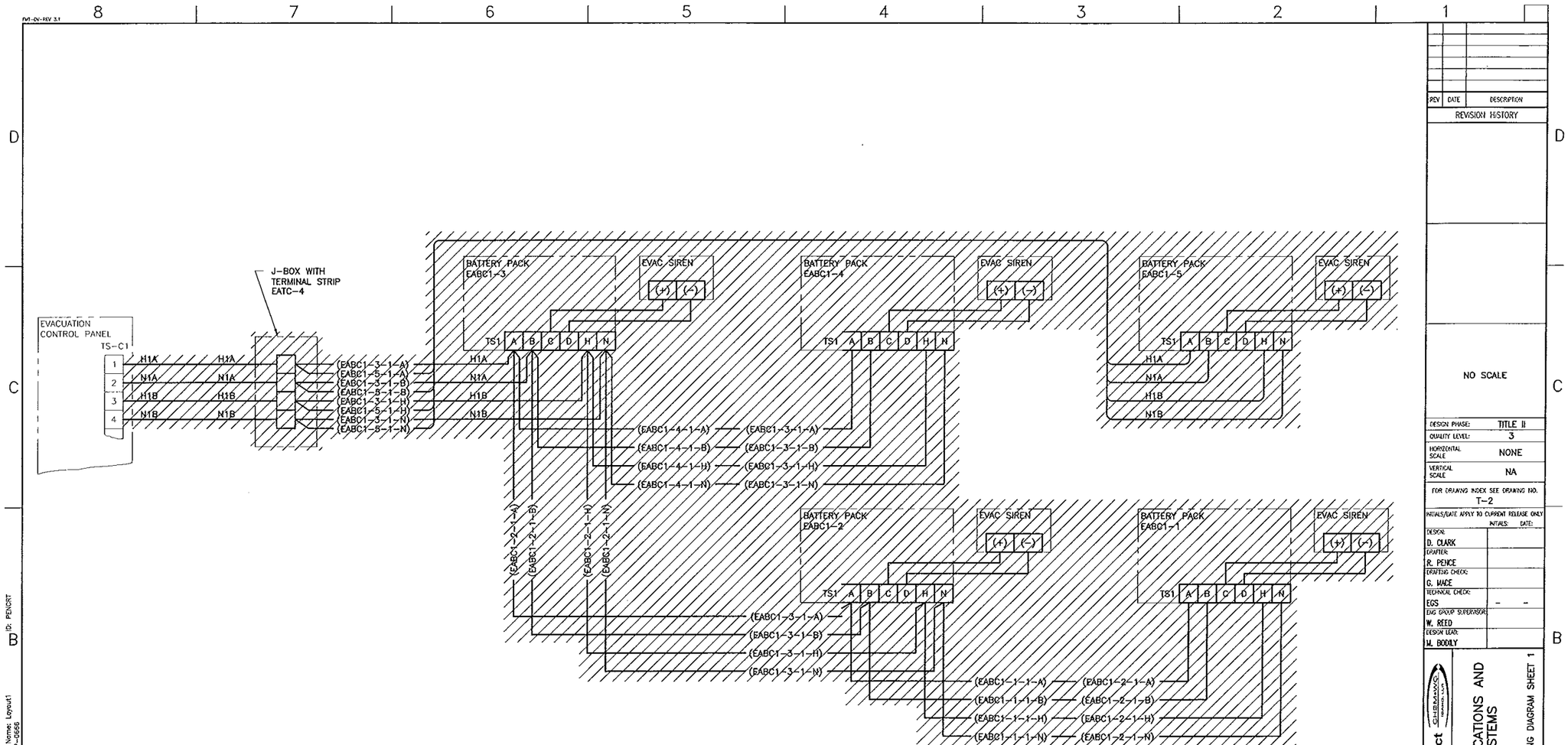
Date: 03/20/08 - 12:55 PM | Layout Name: Layout3
ID: PENICRT



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTE
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-90 AND LSS-94.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WADE		
TECHNICAL CHECK: EGS	-	-
EMG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOLY		

Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-666 EVACUATION SIREN WIRING DIAGRAM SHEET 1

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	FL	DESIG
200	0666	12	136

SIZE D DWG- REV
DFF NO. SHEET LSS-98

MADE FROM DRAWING 441754 SH 1

File: LSS-98.dwg
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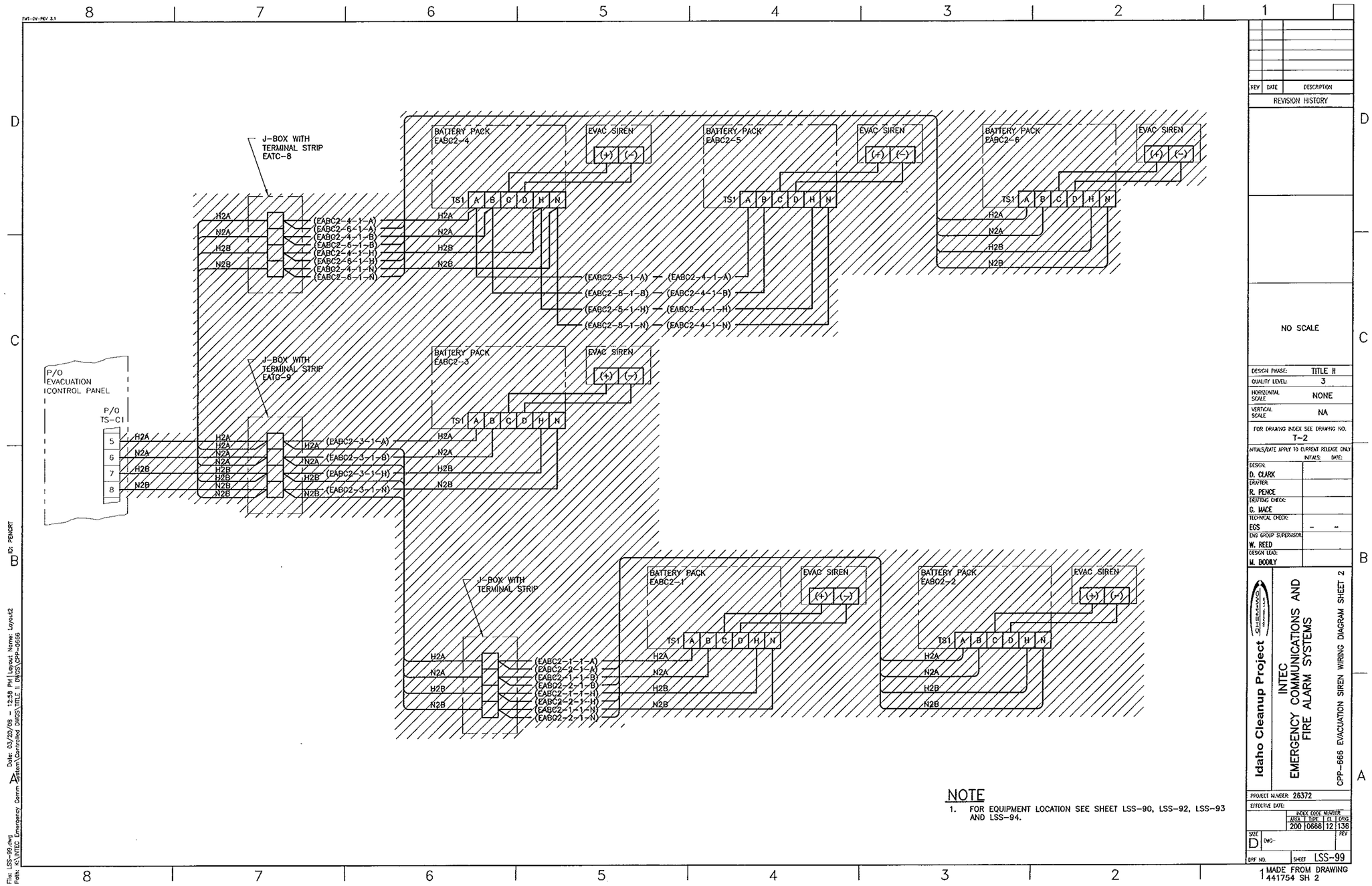
Date: 02/20/08 - 12:57 PM | Layout Name: Layout1
ID: PENGRT


J-BOX WITH TERMINAL STRIP EATC-8
J-BOX WITH TERMINAL STRIP EATC-9
J-BOX WITH TERMINAL STRIP
P/O EVACUATION CONTROL PANEL
P/O TS-C1
BATTERY PACK EABC2-4
BATTERY PACK EABC2-5
BATTERY PACK EABC2-6
BATTERY PACK EABC2-3
BATTERY PACK EABC2-1
BATTERY PACK EABC2-2
EVAC SIREN
TS1
H2A
N2A
H2B
N2B
(EABC2-4-1-A)
(EABC2-6-1-A)
(EABC2-4-1-B)
(EABC2-6-1-B)
(EABC2-4-1-H)
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(EABC2-4-1-N)
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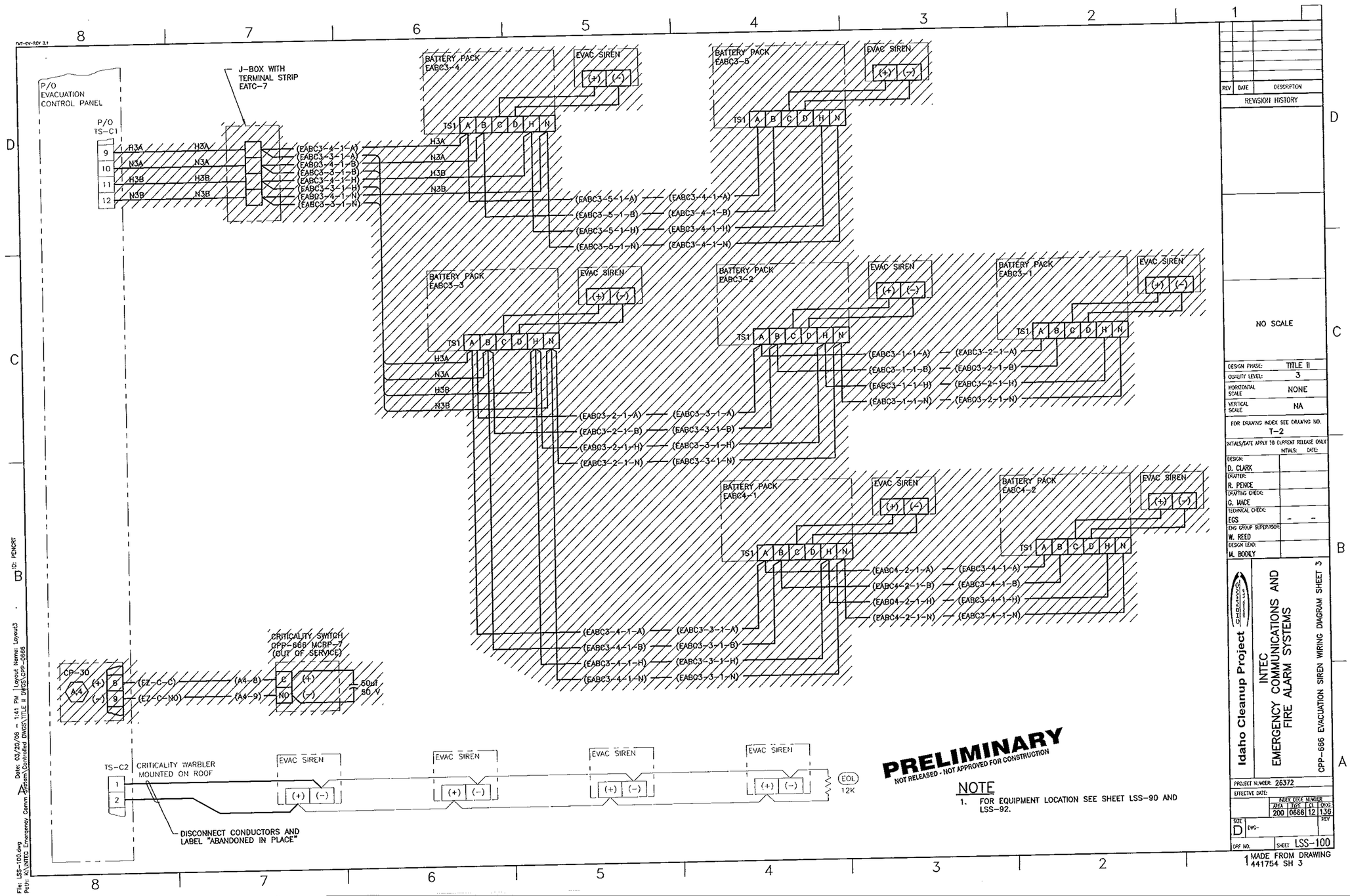
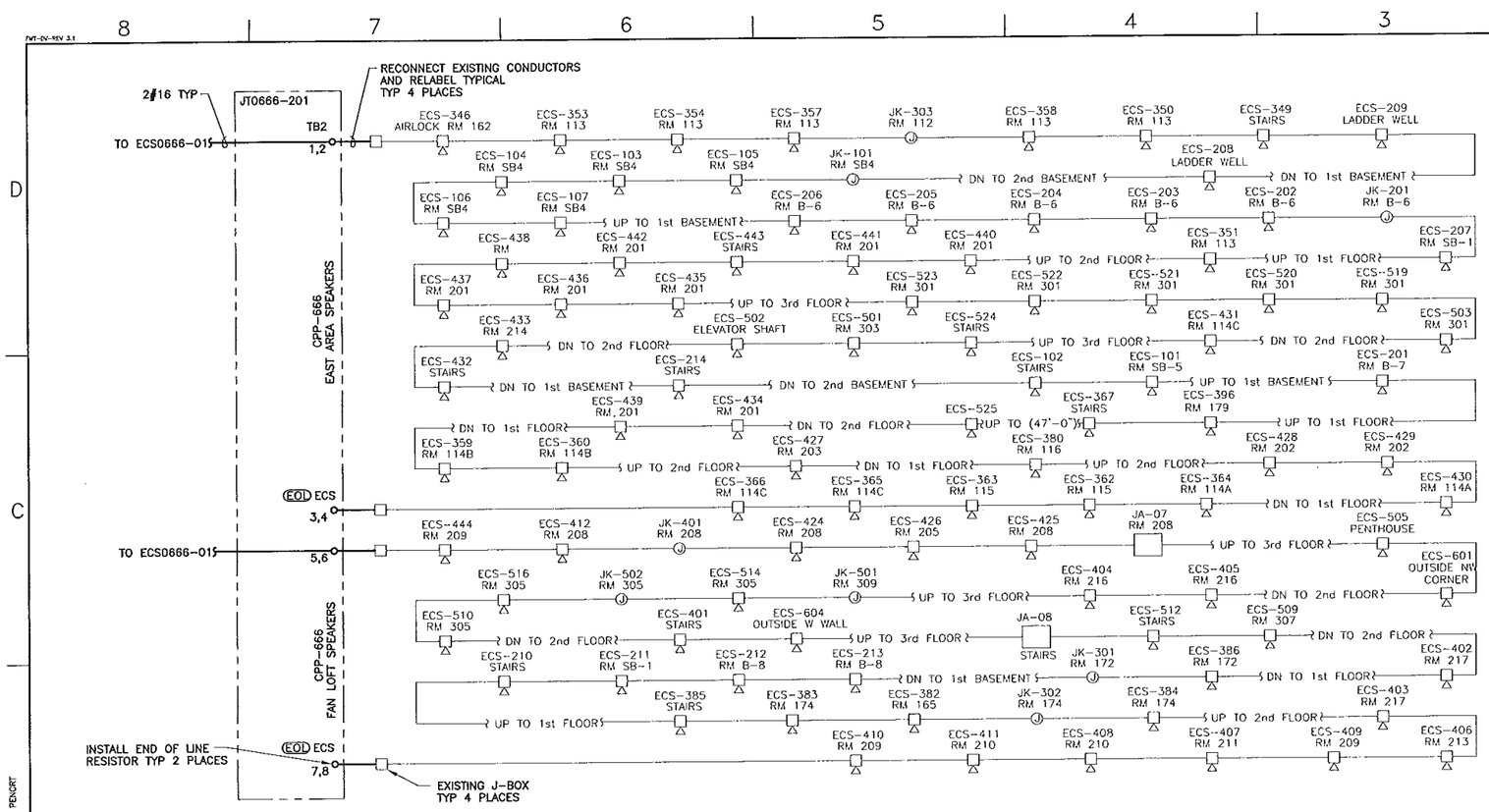
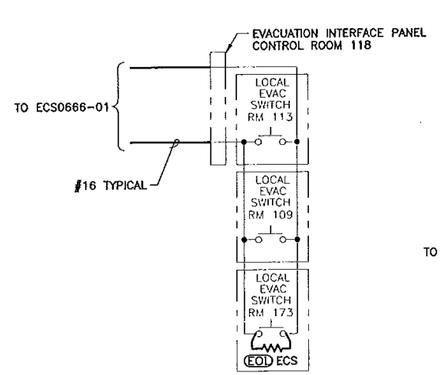
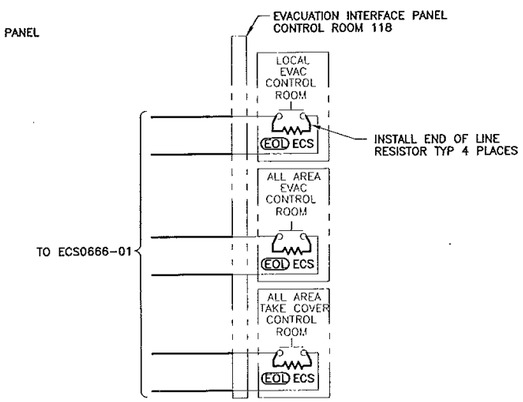
(EABC2-5-1-A)
(EABC2-5-1-B)
(EABC2-5-1-H)
(EABC2-5-1-N)
(EABC2-3-1-A)
(EABC2-3-1-B)
(EABC2-3-1-H)
(EABC2-3-1-N)
(EABC2-1-1-A)
(EABC2-2-1-A)
(EABC2-1-1-B)
(EABC2-2-1-B)
(EABC2-1-1-H)
(EABC2-2-1-H)
(EABC2-1-1-N)
(EABC2-2-1-N)
NOTE
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-90, LSS-92, LSS-93 AND LSS-94.
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOOILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-666 EVACUATION SIREN WIRING DIAGRAM SHEET 2
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA 200 TYPE 0666 CL 12 ORIG 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-99
MADE FROM DRAWING 441754 SH 2
File: LSS-99.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0666
Date: 03/20/08 - 12:58 PM | Layout Name: Layout2
ID: PENCRT


P/O EVACUATION CONTROL PANEL
P/O TS-C1
J-BOX WITH TERMINAL STRIP EATC-7
BATTERY PACK EABC3-4
BATTERY PACK EABC3-5
BATTERY PACK EABC3-3
BATTERY PACK EABC3-2
BATTERY PACK EABC3-1
BATTERY PACK EABC4-1
BATTERY PACK EABC4-2
EVAC SIREN
CRITICALITY SWITCH CPP-666 MCRP-7 (OUT OF SERVICE)
CP-30
TS-C2
CRITICALITY WARBLER MOUNTED ON ROOF
DISCONNECT CONDUCTORS AND LABEL "ABANDONED IN PLACE"
EOL 12K
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTE
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-90 AND LSS-92.
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOOLY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-666 EVACUATION SIREN WIRING DIAGRAM SHEET #3
PROJECT NUMBER: 26372
INDEX CODE NUMBER: 200 0666 12 136
SHEET LSS-100
MADE FROM DRAWING 441754 SH 3







PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTE
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-90 AND LSS-92.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-666 ECS SPEAKER AND EVAC SWITCH WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	SQ	DISC
200	0668	12	136

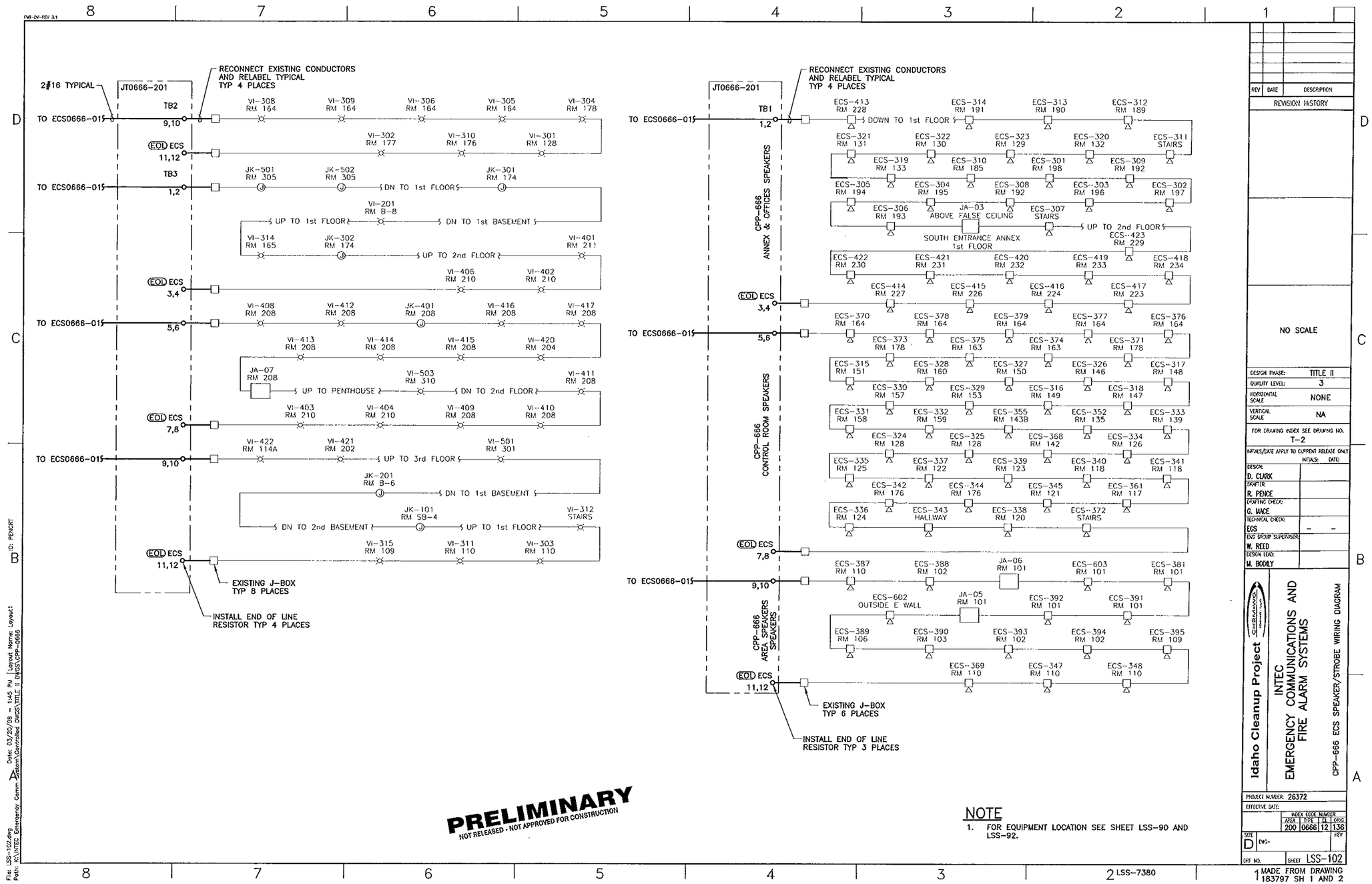
SIZE D DWG- REV

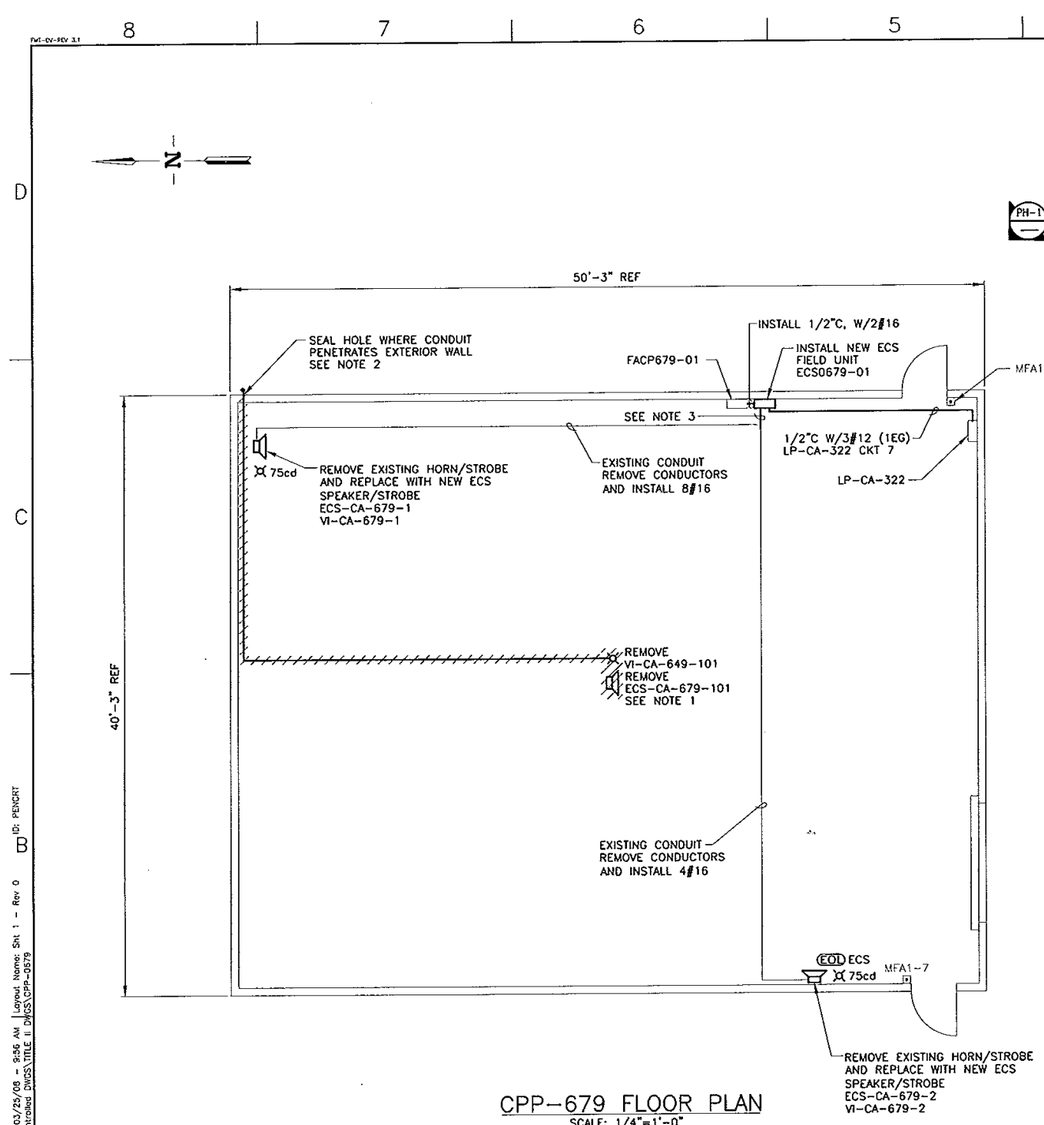
DRF NO. SHEET LSS-101

1 MADE FROM DRAWING 183797 SH 1

2 LSS-7380

File: LSS-101.dwg
Path: X:\INTEC Emergency Comm. System\Contract DWGS\TITLE II Dwgs\CPP-0666
Date: 03/20/08 - 1:43 PM | Layout Name: Layout2
ID: PENCRT


2#16 TYPICAL
JT0666-201
RECONNECT EXISTING CONDUCTORS AND RELABEL TYPICAL TYP 4 PLACES
TO ECS0666-01
TB2
9,10
VI-308 RM 164
VI-309 RM 164
VI-306 RM 164
VI-305 RM 164
VI-304 RM 178
EOD ECS
11,12
VI-302 RM 177
VI-310 RM 176
VI-301 RM 128
TB3
1,2
JK-501 RM 305
JK-502 RM 305
JK-301 RM 174
DN TO 1st FLOOR
VI-201 RM B-8
UP TO 1st FLOOR
DN TO 1st BASEMENT
VI-314 RM 165
JK-302 RM 174
VI-401 RM 211
UP TO 2nd FLOOR
VI-406 RM 210
VI-402 RM 210
3,4
5,6
VI-408 RM 208
VI-412 RM 208
JK-401 RM 208
VI-416 RM 208
VI-417 RM 208
VI-413 RM 208
VI-414 RM 208
VI-415 RM 208
VI-420 RM 204
JA-07 RM 208
UP TO PENTHOUSE
VI-503 RM 310
DN TO 2nd FLOOR
VI-411 RM 208
7,8
VI-403 RM 210
VI-404 RM 210
VI-409 RM 208
VI-410 RM 208
VI-422 RM 114A
VI-421 RM 202
VI-501 RM 301
UP TO 3rd FLOOR
JK-201 RM B-6
DN TO 1st BASEMENT
JK-101 RM SB-4
VI-312 STAIRS
DN TO 2nd BASEMENT
VI-315 RM 109
VI-311 RM 110
VI-303 RM 110
EXISTING J-BOX TYP 8 PLACES
INSTALL END OF LINE RESISTOR TYP 4 PLACES
TB1
ECS-413 RM 228
ECS-314 RM 191
ECS-313 RM 190
ECS-312 RM 189
DOWN TO 1st FLOOR
ECS-321 RM 131
ECS-322 RM 130
ECS-323 RM 129
ECS-320 RM 132
ECS-311 STAIRS
ECS-319 RM 133
ECS-310 RM 185
ECS-301 RM 198
ECS-309 RM 192
ECS-305 RM 194
ECS-304 RM 195
ECS-308 RM 192
ECS-303 RM 196
ECS-302 RM 197
ECS-306 RM 193
JA-03 ABOVE FALSE CEILING
ECS-307 STAIRS
UP TO 2nd FLOOR
ECS-423 RM 229
SOUTH ENTRANCE ANNEX 1st FLOOR
ECS-422 RM 230
ECS-421 RM 231
ECS-420 RM 232
ECS-419 RM 233
ECS-418 RM 234
ECS-414 RM 227
ECS-415 RM 226
ECS-416 RM 224
ECS-417 RM 223
ECS-370 RM 164
ECS-378 RM 164
ECS-379 RM 164
ECS-377 RM 164
ECS-376 RM 164
ECS-373 RM 178
ECS-375 RM 163
ECS-374 RM 163
ECS-371 RM 178
ECS-315 RM 151
ECS-328 RM 160
ECS-327 RM 150
ECS-326 RM 146
ECS-317 RM 148
ECS-330 RM 157
ECS-329 RM 153
ECS-316 RM 149
ECS-318 RM 147
ECS-331 RM 158
ECS-332 RM 159
ECS-355 RM 143B
ECS-352 RM 135
ECS-333 RM 139
ECS-324 RM 128
ECS-325 RM 128
ECS-368 RM 142
ECS-334 RM 126
ECS-335 RM 125
ECS-337 RM 122
ECS-339 RM 123
ECS-340 RM 118
ECS-341 RM 118
ECS-342 RM 176
ECS-344 RM 176
ECS-345 RM 121
ECS-361 RM 117
ECS-336 RM 124
ECS-343 HALLWAY
ECS-338 RM 120
ECS-372 STAIRS
ECS-387 RM 110
ECS-388 RM 102
JA-06 RM 101
ECS-603 RM 101
ECS-381 RM 101
ECS-602 OUTSIDE E WALL
JA-05 RM 101
ECS-392 RM 101
ECS-391 RM 101
ECS-389 RM 106
ECS-390 RM 103
ECS-393 RM 102
ECS-394 RM 102
ECS-395 RM 109
ECS-369 RM 110
ECS-347 RM 110
ECS-348 RM 110
CPP-666 ANNEX & OFFICES SPEAKERS
CPP-666 CONTROL ROOM SPEAKERS
CPP-666 AREA SPEAKERS SPEAKERS
EXISTING J-BOX TYP 6 PLACES
INSTALL END OF LINE RESISTOR TYP 3 PLACES
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTE
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-90 AND LSS-92.
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. WACE
TECHNICAL CHECK: ECS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOOKY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-666 ECS SPEAKER/STROBE WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA 200 TYPE 0666 SQ 12 ORIG 136
SIZE D DWG-
REV
SHEET LSS-102
LSS-7380
MADE FROM DRAWING 183797 SH 1 AND 2
File: LSS-102.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0666
Date: 03/20/08 - 1:45 PM
Layout Name: Layout1
ID: PENCRT



CPP-679 FLOOR PLAN
SCALE: 1/4"=1'-0"

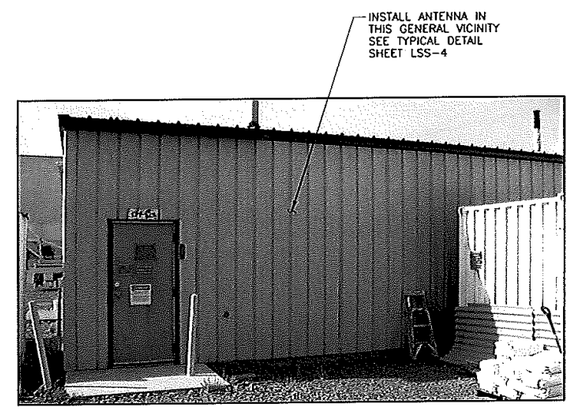


PHOTO PH-1

NOTES

1. REMOVE EXISTING CONDUCTORS FROM THE SPEAKER AND STROBE BACK TO JT656-03 IN CPP-656. SEE SHEET LSS-12
2. REMOVE EXISTING CONDUIT FROM CPP-679 TO BUILDING EXTERIOR. CUT AND CAP 3 FEET ABOVE GRADE.
3. DISCONNECT EXISTING CONDUIT AND WIRES FROM FACP0679-01 TO HORN/STROBE REROUTE EXISTING CONDUIT TO NEW ECS FIELD UNIT ECS0679-01.

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1/4" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: ECS	--	--
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOKY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-679 FLOOR PLAN AND PHOTO

PROJECT NUMBER 26372

EFFECTIVE DATE:

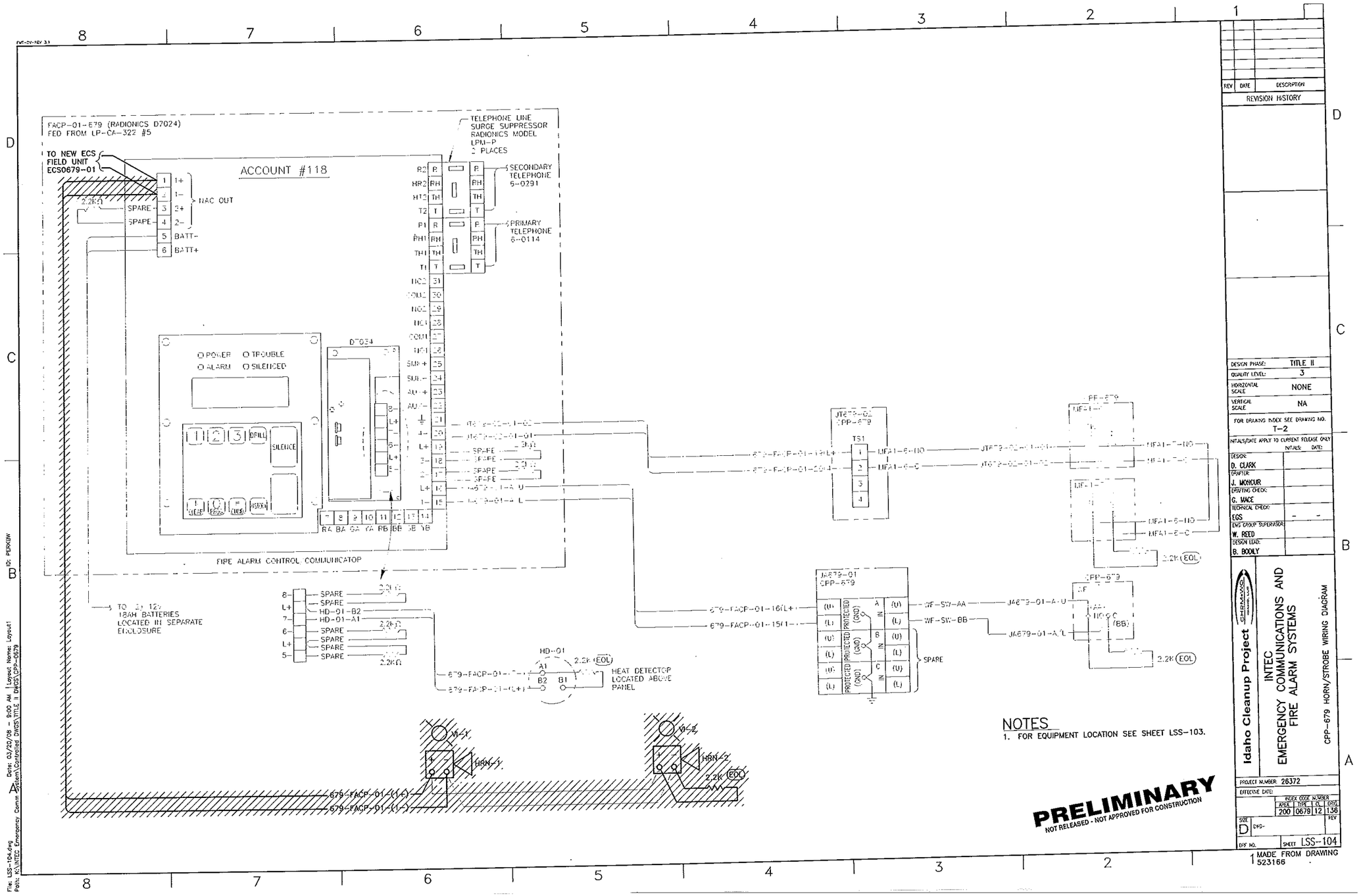
INDEX CODE NUMBER			
AREA	TYPE	CD	DISC
200	0679	12	136

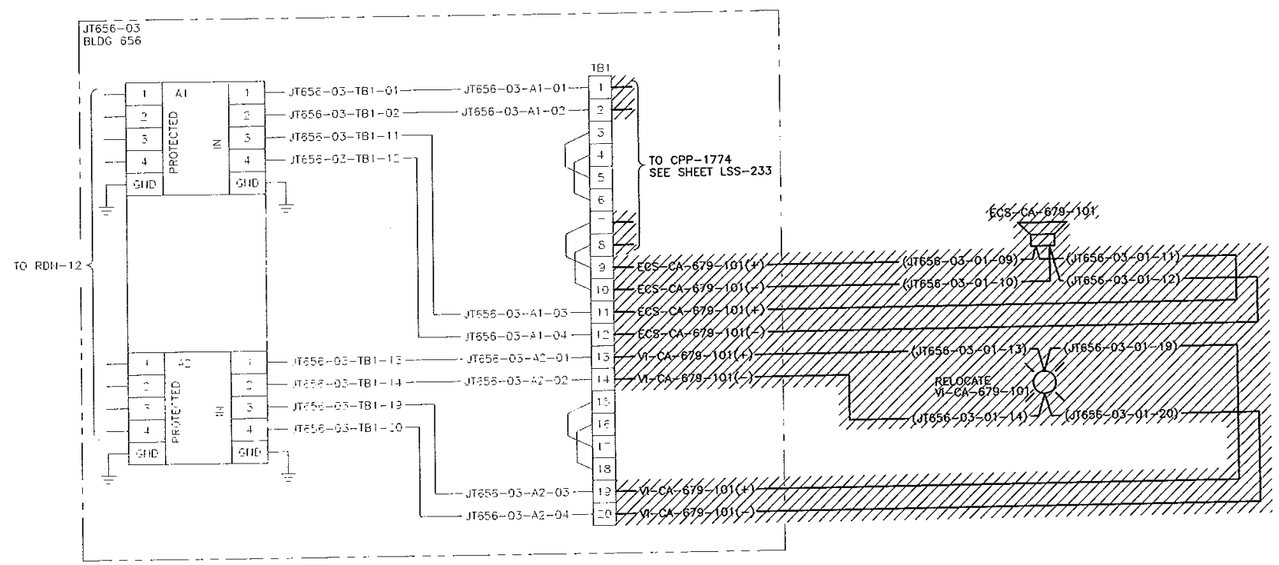
SIZE D DWG- REV

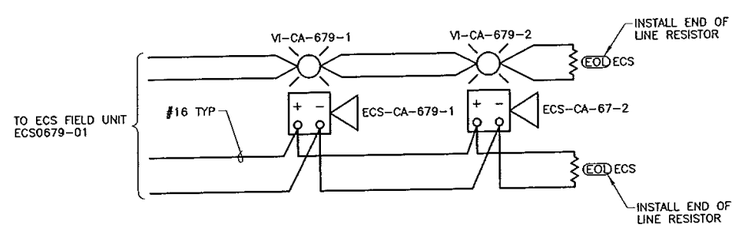
DSF NO. SHEET LSS-103

MADE FROM DRAWING 440585

File: LSS-103.dwg Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0679 Date: 03/25/08 - 9:56 AM Layout Name: Sht 1 - Rev 0 ID: PENGRT


FACP-01-679 (RADIONICS D7024)
FED FROM LP-CA-322 #5
TO NEW ECS FIELD UNIT ECS0679-01
ACCOUNT #118
NAC OUT
SPARE
BATT-
BATT+
TELEPHONE LINE SURGE SUPPRESSOR RADIONICS MODEL LPM-P 2 PLACES
SECONDARY TELEPHONE 6-0291
PRIMARY TELEPHONE 6-0114
POWER
TROUBLE
ALARM
SILENCED
DRILL
SILENCE
D7034
FIRE ALARM CONTROL/COMMUNICATOR
TO 12V 18AH BATTERIES LOCATED IN SEPARATE ENCLOSURE
HD-01
HEAT DETECTOR LOCATED ABOVE PANEL
JT679-02 CPP-679
TS1
JA679-01 CPP-679
WF-SW-AA
WF-SW-BB
SPARE
2.2K EOL
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-103.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REVISION HISTORY
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: J. MONCUR
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: B. BODILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-679 HORN/STROBE WIRING DIAGRAM
PROJECT NUMBER: 26372
AREA 200 TYPE 0679 CL 12 DRG 136
SIZE D
SHEET LSS-104
MADE FROM DRAWING 523166





NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-103.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: C. MACE		
TECHNICAL CHECK: EGS	-	-
DOE GROUP SUPERVISOR: W. REED		
DESIGN LEAD: B. BOOLY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-679 ECS SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER 26372

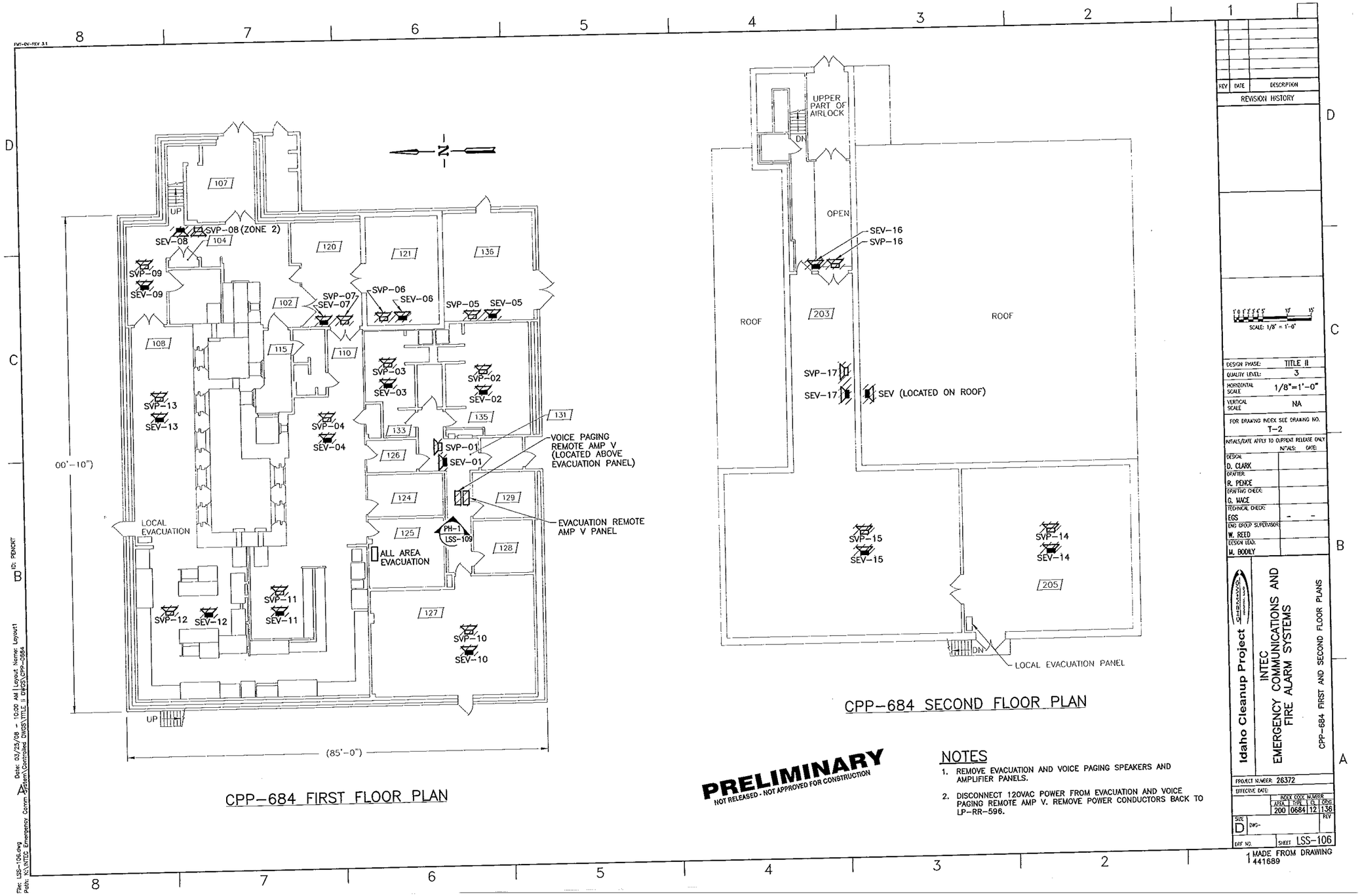
EFFECTIVE DATE:

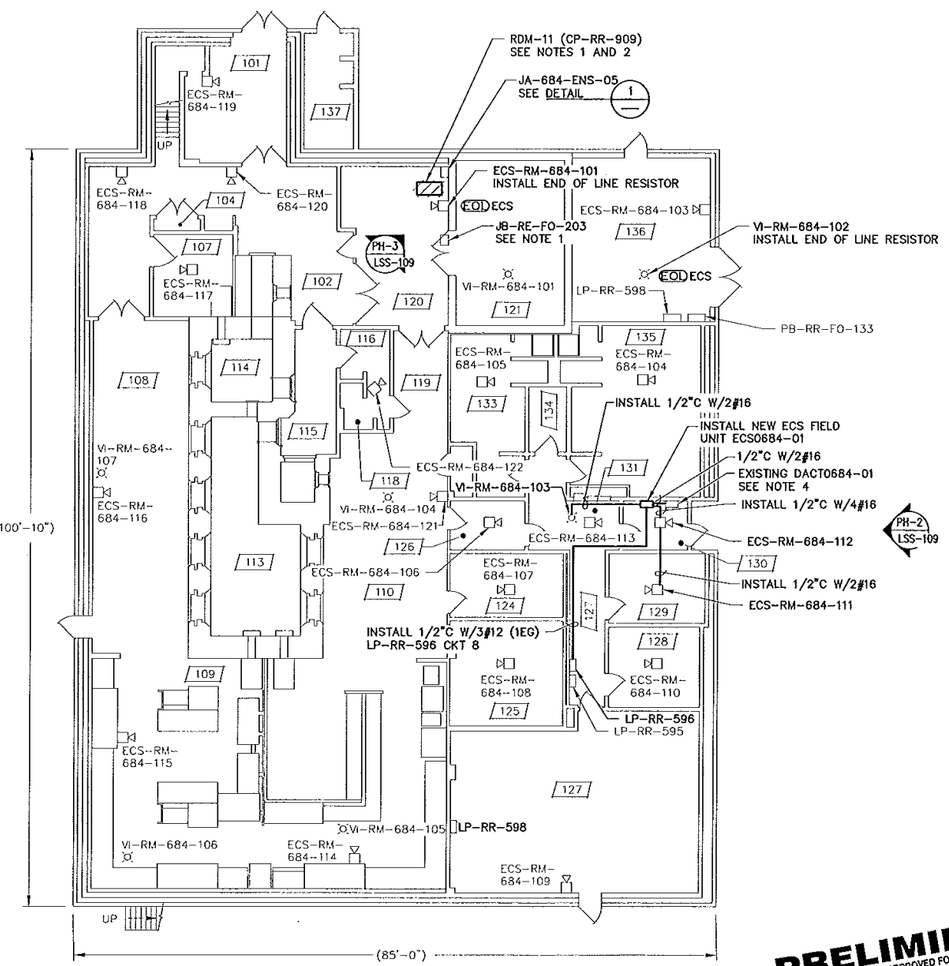
INDEX CODE NUMBER			
AREA	TYPE	ID	DWG
200	0679	12	136

SIZE D DWG- REV

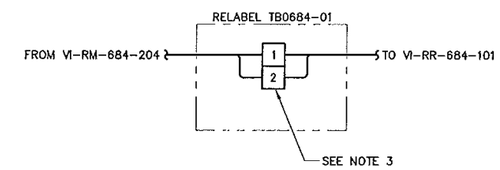
DFF NO. SHEET LSS-105

MADE FROM DRAWING 449482


107
UP
SVP-08 (ZONE 2)
SEV-08
104
120
121
136
SVP-09
SEV-09
102
SVP-07
SEV-07
SVP-06
SEV-06
SVP-05
SEV-05
108
115
110
SVP-03
SEV-03
SVP-02
SEV-02
SVP-13
SEV-13
SVP-04
SEV-04
133
135
131
SVP-01
SEV-01
126
VOICE PAGING REMOTE AMP V (LOCATED ABOVE EVACUATION PANEL)
124
129
EVACUATION REMOTE AMP V PANEL
LOCAL EVACUATION
125
PH-1
LSS-109
128
ALL AREA EVACUATION
SVP-11
SEV-11
SVP-12
SEV-12
127
SVP-10
SEV-10
UP
(85'-0")
00'-10")
CPP-684 FIRST FLOOR PLAN
UPPER PART OF AIRLOCK
DN
OPEN
SEV-16
SVP-16
ROOF
203
ROOF
SVP-17
SEV-17
SEV (LOCATED ON ROOF)
SVP-15
SEV-15
SVP-14
SEV-14
205
DN
LOCAL EVACUATION PANEL
CPP-684 SECOND FLOOR PLAN
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTES
1. REMOVE EVACUATION AND VOICE PAGING SPEAKERS AND AMPLIFIER PANELS.
2. DISCONNECT 120VAC POWER FROM EVACUATION AND VOICE PAGING REMOTE AMP V. REMOVE POWER CONDUCTORS BACK TO LP-RR-596.
REV
DATE
DESCRIPTION
REVISION HISTORY
SCALE: 1/8" = 1'-0"
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE 1/8"=1'-0"
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-684 FIRST AND SECOND FLOOR PLANS
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA 200 TYPE 0684 CL 12 DWG 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-106
1 MADE FROM DRAWING 441689
File: LSS-106.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0684
Date: 03/25/08 - 10:00 AM | Layout Name: Layout1
ID: PENCRT



CPP-684 FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"



DETAIL 1
SCALE: NONE

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. REMOVE RDM AND ASSOCIATED CONDUIT TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE BACK TO JB-RE-FO-203. REMOVE POWER CONDUCTORS BACK TO LP-RR-598.
2. RECONFIGURE CONDUIT IN THIS AREA TO CONNECT EXISTING STROBE CIRCUIT.
3. REMOVE TRANSIENT ELIMINATOR FROM EXISTING JA-684-ENS-05. INSTALL NEW TERMINAL STRIP AND RELABEL BOX TB0684-01. RECONNECT CIRCUIT ACROSS TERMINAL STRIP.
4. CONNECT ECS FIELD UNIT ECS0684-01 TO DACT0684-01 NORMALLY OPEN ALARM CONTACTS.

REV	DATE	DESCRIPTION

REVISION HISTORY

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: ECS	–	–
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: W. BOOLEY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-684 FIRST FLOOR PLAN AND DETAIL

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	CPG
200	0684	12	136

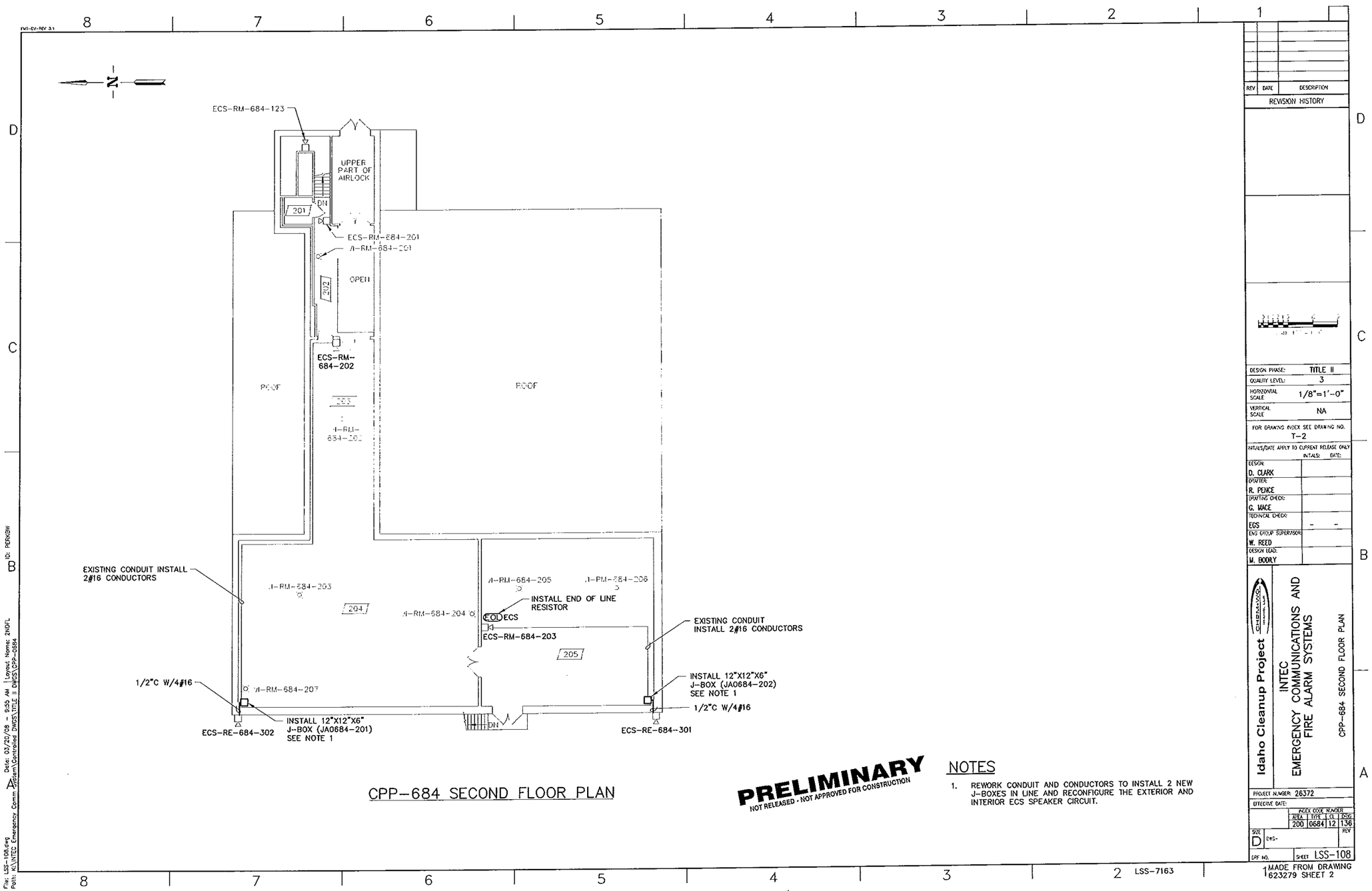
SIZE D DWG- REV

DRF NO. SHEET LSS-107

MADE FROM DRAWING 623279 SHEET 1

LSS-7163

File: LSS-107.dwg
Path: AS\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0684
Date: 03/25/08 - 10:02 AM | Layout Name: FIRSTFL
ID: PENCRT



CPP-684 SECOND FLOOR PLAN

NOTES

1. REWORK CONDUIT AND CONDUCTORS TO INSTALL 2 NEW J-BOXES IN LINE AND RECONFIGURE THE EXTERIOR AND INTERIOR ECS SPEAKER CIRCUIT.

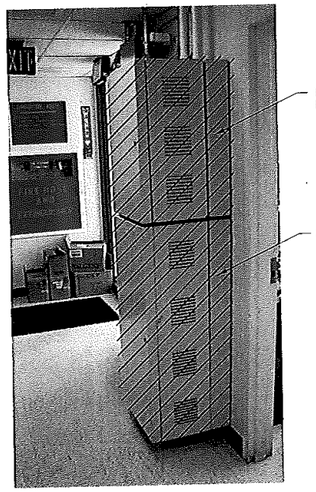


PHOTO PH-1 LSS-106

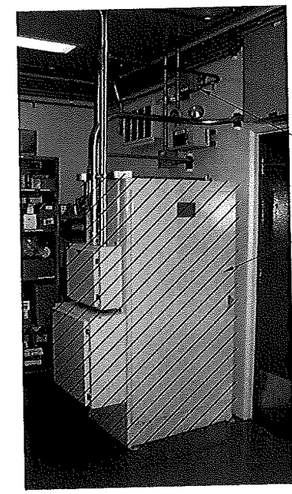


PHOTO PH-3 LSS-107

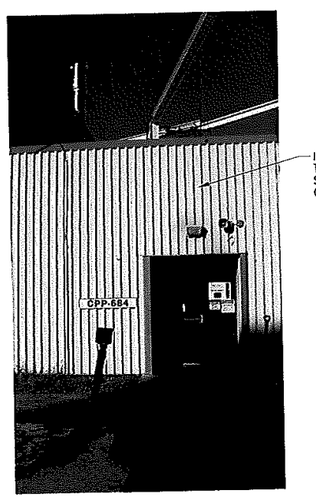


PHOTO PH-2 LSS-107

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-684 PHOTOS

PROJECT NUMBER 26372

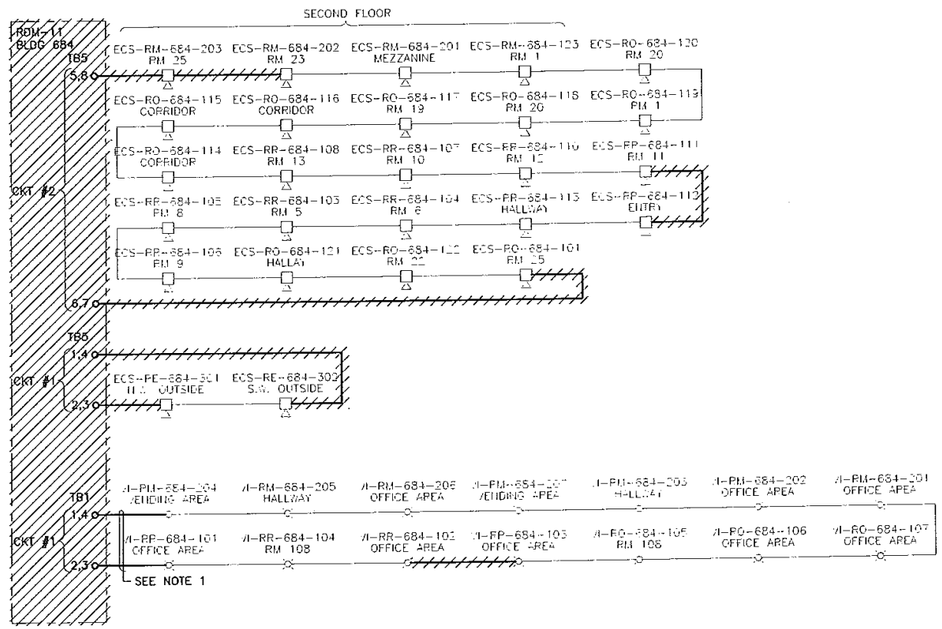
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DRG
200	0684	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-109

File: LSS-109.dwg Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0684 Date: 03/20/08 - 10:14 AM Layout Name: Layout2 ID: PERKBW



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTE

1. DISCONNECT BOTH ENDS OF STROBE CIRCUIT FROM RDM. PULL CONDUCTORS BACK FAR ENOUGH TO PERMIT REWORKING OF CONDUIT. SAVE CONDUCTORS FOR RECONNECTION.
2. FOR EQUIPMENT LOCATION SEE SHEET LSS-107 AND LSS-108.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	–	–
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOLY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-0684 RDM-11
SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	Q	ORIG
200	0684	12	136

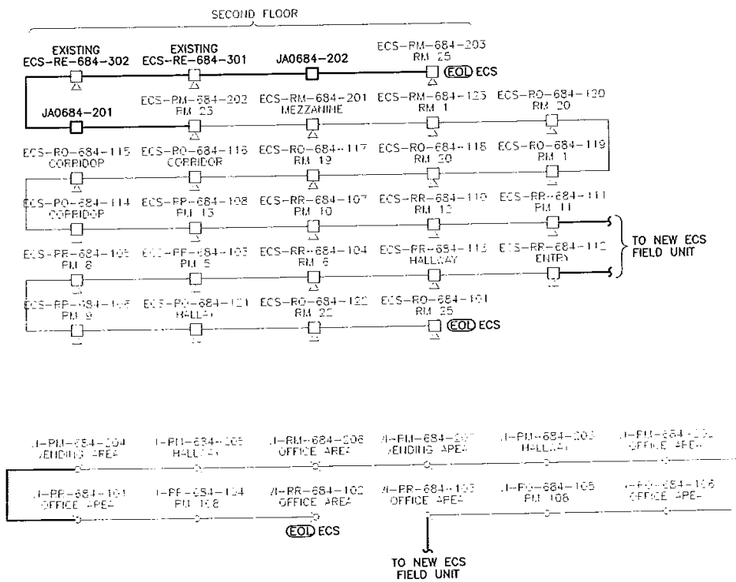
SIZE D ENG- REV

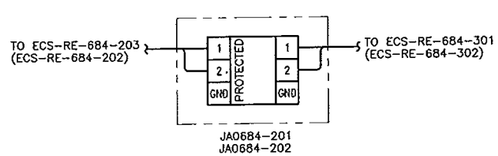
DRF NO. SHEET LSS-110

MADE FROM DRAWING 180209

LSS-7380

File: LSS-131.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1605
Date: 03/20/09 – 12:12 PM Layout Name: DEWG
ID: PERKBW





JA-BOX TYPICAL DETAIL

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTE

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-107 AND LSS-108.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: C. MACE		
TECHNICAL CHECK: EGS	–	–
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOKLY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-684 ECS SPEAKER/STROBE WIRING DIAGRAM AND JA-BOX TYPICAL DETAIL

PROJECT NUMBER 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	D	ORIG
200	0684	12	136

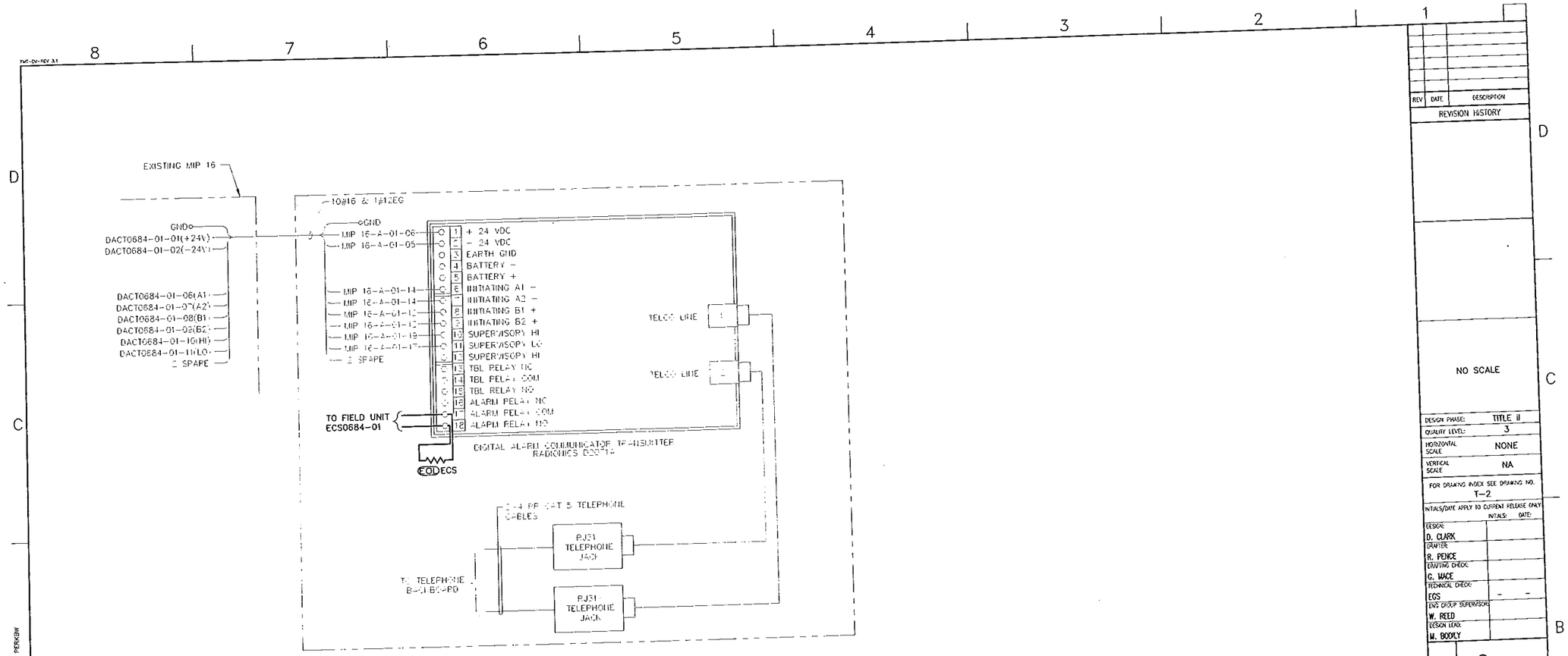
SIZE D DWG- REV

DFF NO. SHEET LSS-111

MADE FROM DRAWING 180209

LSS-7380

Date: 03/20/08 - 12:12 PM | Layout Name: INSTALL
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1635
File: LSS-131.dwg
Dr: PENGEW



DACT0684-01 ENCLOSURE WITH DACT AND TELEPHONE JACKS

NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-107.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODLY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-684 DACT0684-01 WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

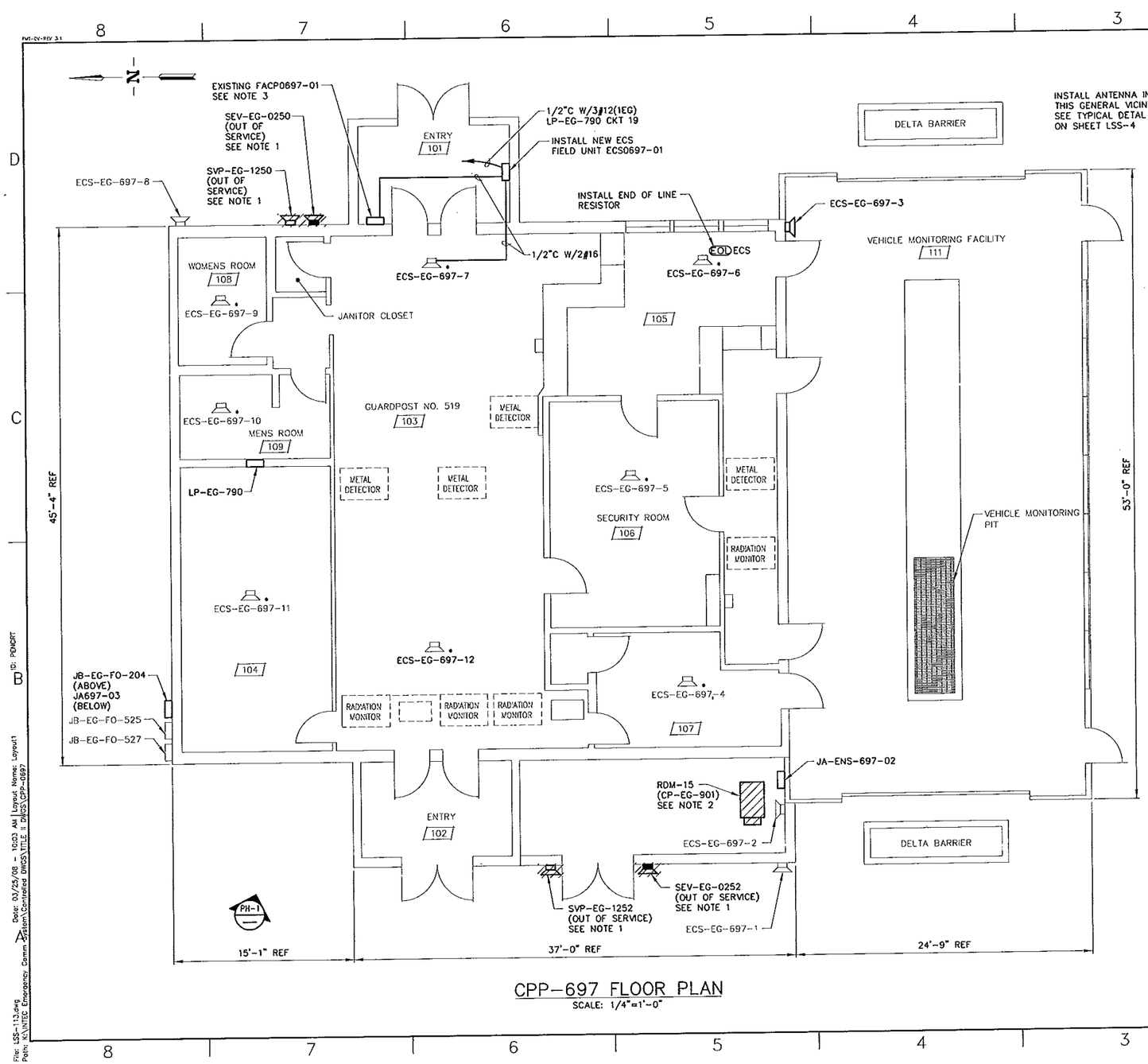
INDEX CODE NUMBER			
AREA	TYPE	CL	DSG
200	0684	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-112

1 MADE FROM DRAWING 627323

File: LSS-112.dwg Date: 03/20/08 - 10:09 AM Layout Name: Layout1 ID: PERKBW
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0684



CPP-697 FLOOR PLAN
SCALE: 1/4"=1'-0"

INSTALL ANTENNA IN THIS GENERAL VICINITY SEE TYPICAL DETAL ON SHEET LSS-4

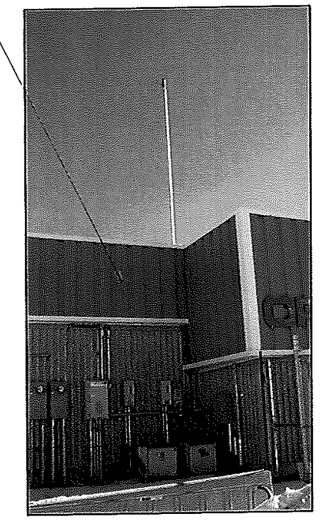


PHOTO PH-1

NOTES

1. REMOVE SEV AND SVP SPEAKERS AND CONDUCTORS BACK TO JA697-03.
2. REMOVE RDM-15 AND ASSOCIATED CONDUIT BACK TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE BACK TO JB-EG-FO-204. REMOVE POWER CONDUCTORS BACK TO LP-EG-790.
3. FOR TYPICAL D7024 CONNECTION DETAIL SEE SHEET LSS-5.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1/2" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EOS		
ENS GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOLY		

Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-697 FLOOR PLAN AND PHOTO

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	CODE
200	0697	12	136

SIZE D DWG- REV
DEF NO. SHEET LSS-113

MADE FROM DRAWING 427728

File: LSS-113.dwg
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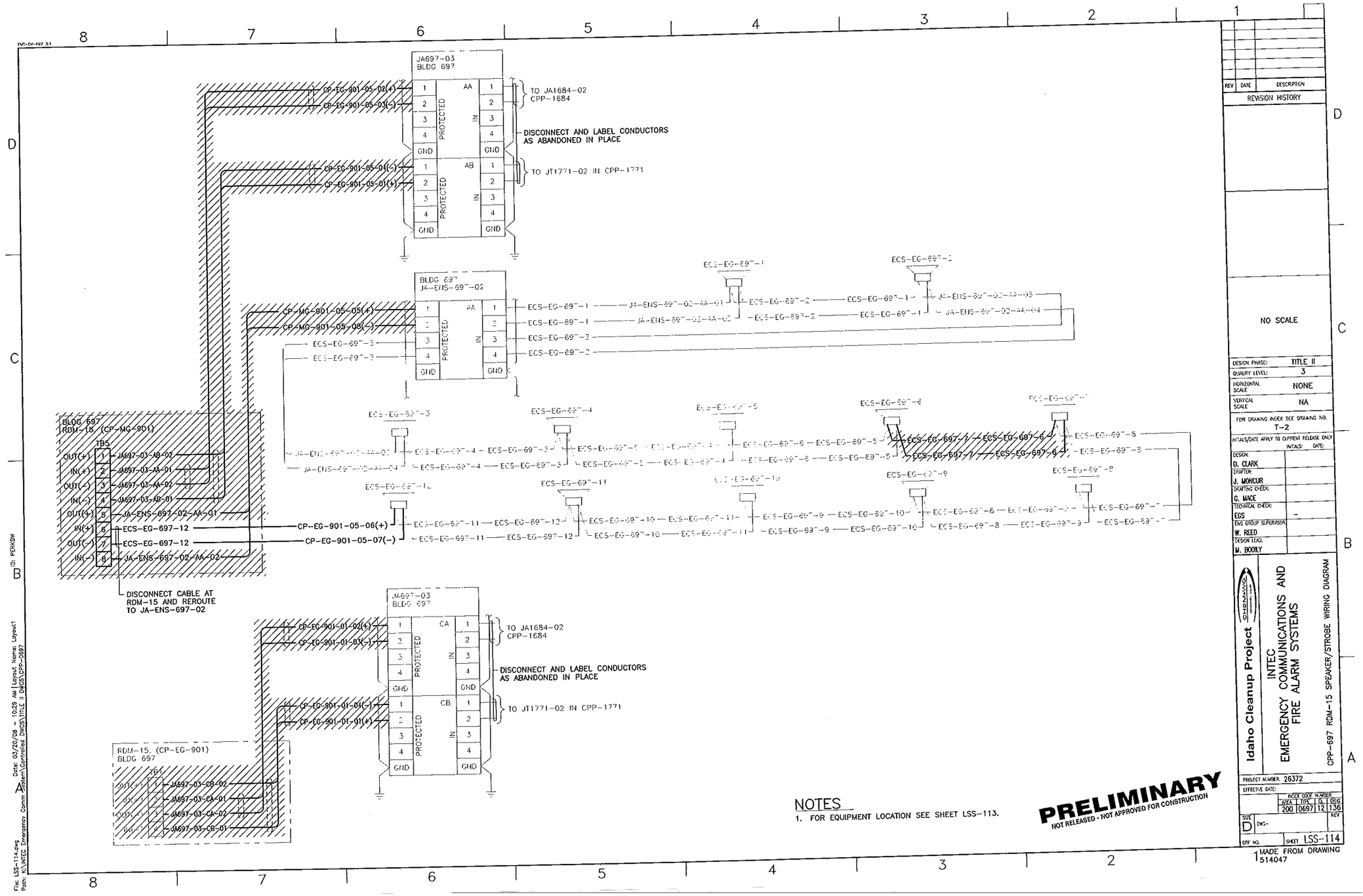
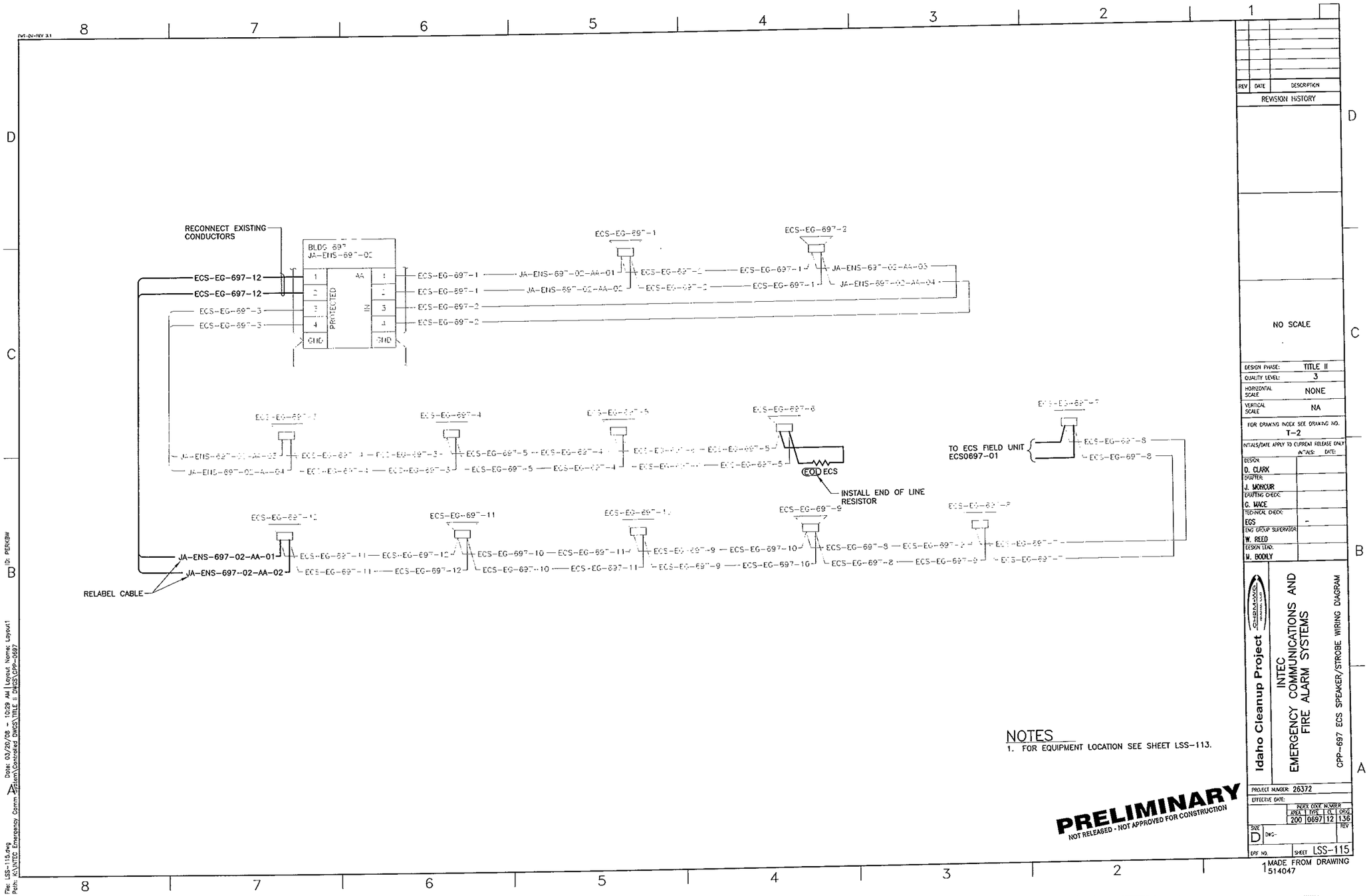
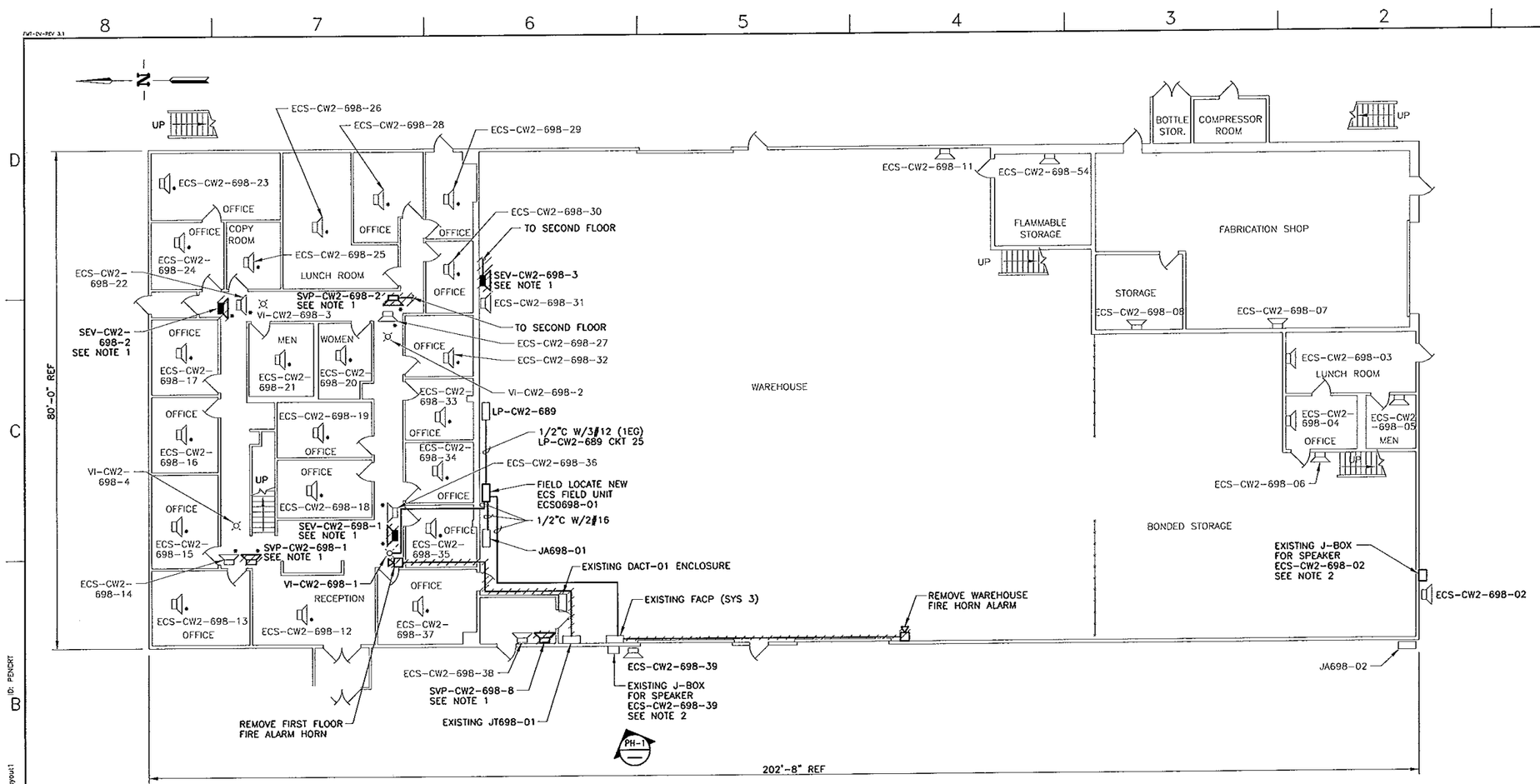
Date: 03/25/08 - 10:03 AM | Layout Name: Layout1
ID: PENCRT


JA697-03
BLDG 697
TO JA1684-02
CPP-1684
DISCONNECT AND LABEL CONDUCTORS
AS ABANDONED IN PLACE
TO JT1771-02 IN CPP-1771
BLDG 697
JA-ENS-697-02
RDM-15 (CP-MG-901)
DISCONNECT CABLE AT
RDM-15 AND REROUTE
TO JA-ENS-697-02
RDM-15, (CP-EG-901)
BLDG 697
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-113.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: J. MONCUR
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOOLY
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-697 RDM-15 SPEAKER/STROBE WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL DSG
200 0697 12 136
SIZE D
DWG-
REV
DSF NO.
SHEET LSS-114
MADE FROM DRAWING 514047


RECONNECT EXISTING CONDUCTORS
BLDG 697
JA-ENS-697-02
ECS-EG-697-12
ECS-EG-697-3
PROTECTED
IN
AA
GND
ECS-EG-697-1
ECS-EG-697-2
JA-ENS-697-02-AA-01
JA-ENS-697-02-AA-02
JA-ENS-697-02-AA-03
JA-ENS-697-02-AA-04
ECS-EG-697-4
ECS-EG-697-5
ECS-EG-697-6
ECS-EG-697-7
ECS-EG-697-8
ECS-EG-697-9
ECS-EG-697-10
ECS-EG-697-11
ECS-EG-697-12
EOL ECS
INSTALL END OF LINE RESISTOR
TO ECS FIELD UNIT ECS0697-01
JA-ENS-697-02-AA-01
JA-ENS-697-02-AA-02
RELABEL CABLE
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-113.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NONE
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: J. MONCUR
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOOLY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-697 ECS SPEAKER/STROBE WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL ORIG
200 0697 12 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-115
MADE FROM DRAWING 514047
File: LSS-115.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0697
Date: 03/20/08 - 10:29 AM Layout Name: Layout1
ID: PERKBW



CPP-698 FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"

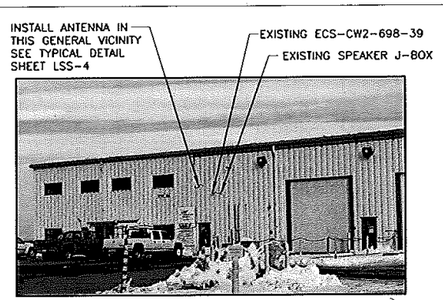


PHOTO PH-1

NOTES

1. REMOVE SVP AND SEV SPEAKERS AND CONDUCTORS BACK TO JA698-01.
2. INSTALL A TRANSIENT SURGE PROTECTOR IN THE EXISTING SPEAKER J-BOX AND GROUND IT TO THE NEAREST BLDG GROUND WITH #6 AWG. CONNECT THE SPEAKER TO THE SPEAKER LOOP THROUGH THE PROTECTOR.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION
REVISION HISTORY		

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

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN:	D. CLARK	
DRAFTER:	J. MONCUR	
DRAFTING CHECK:	G. MACE	
TECHNICAL CHECK:	EGS	--
ENG GROUP SUPERVISOR:	W. REED	
DESIGN LEAD:	M. BOORLY	

Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-698 FIRST FLOOR PLAN AND PHOTO

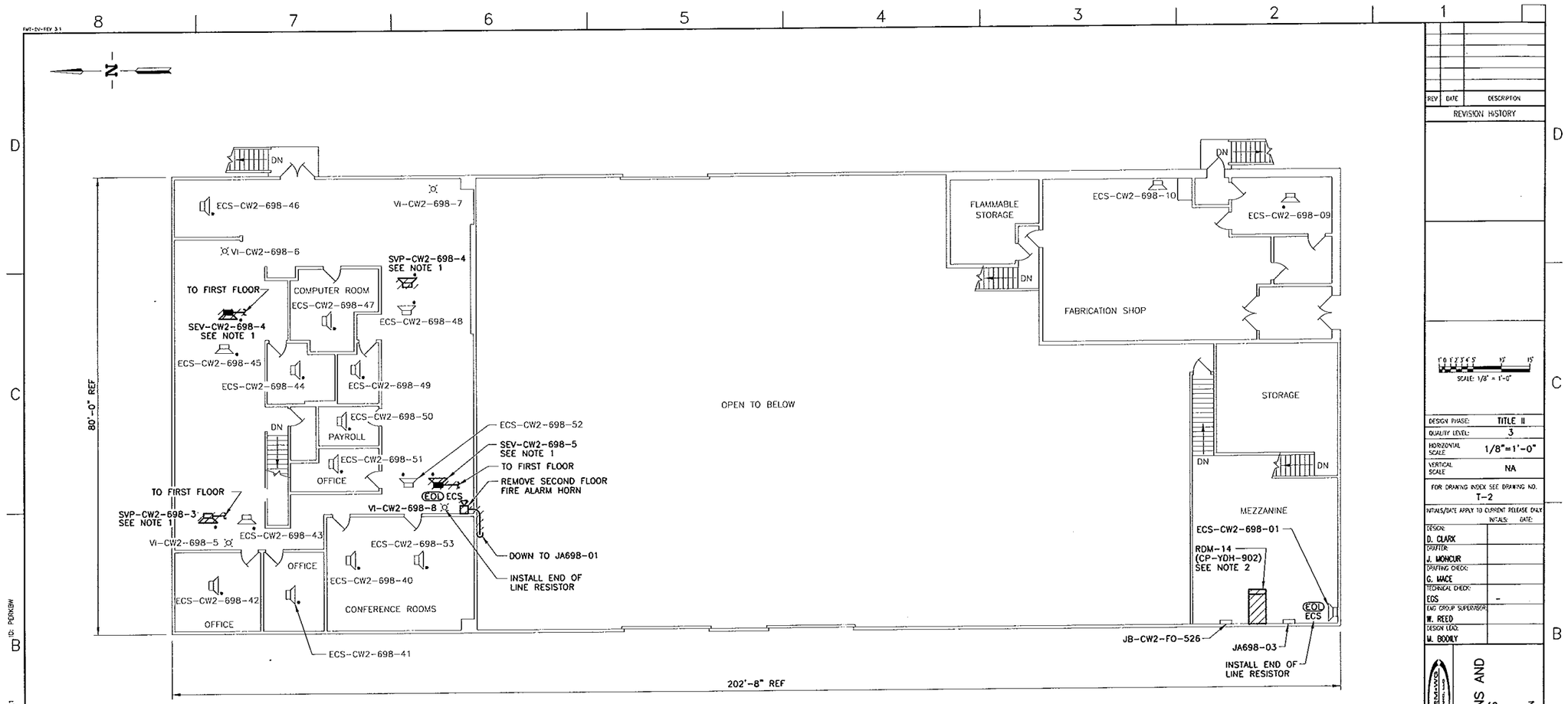
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CI	DRG.
200	0698	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-116

1 MADE FROM DRAWING 423593 AND 427719

File: LSS-116.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0698
Date: 03/25/08 - 10:09 AM | Layout Name: Layout1
ID: PENCRT



CPP-698 SECOND FLOOR PLAN

NOTES

1. REMOVE SVP AND SEV SPEAKERS AND CONDUCTORS BACK TO JA698-01.
2. REMOVE RDM-14 AND ASSOCIATED CONDUIT BACK TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE BACK TO JB-CW2-FO-526. REMOVE POWER CONDUCTORS BACK TO LP-CW2-689.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

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

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	1/8"=1'-0"
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOKY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-698 SECOND FLOOR PLAN

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	DSPC	TD	DFIG
200	0698	12	136

SIZE D DWG:- REV

DFF NO. SHEET LSS-117

MADE FROM DRAWING 423593 AND 427719

File: LSS-117.dwg
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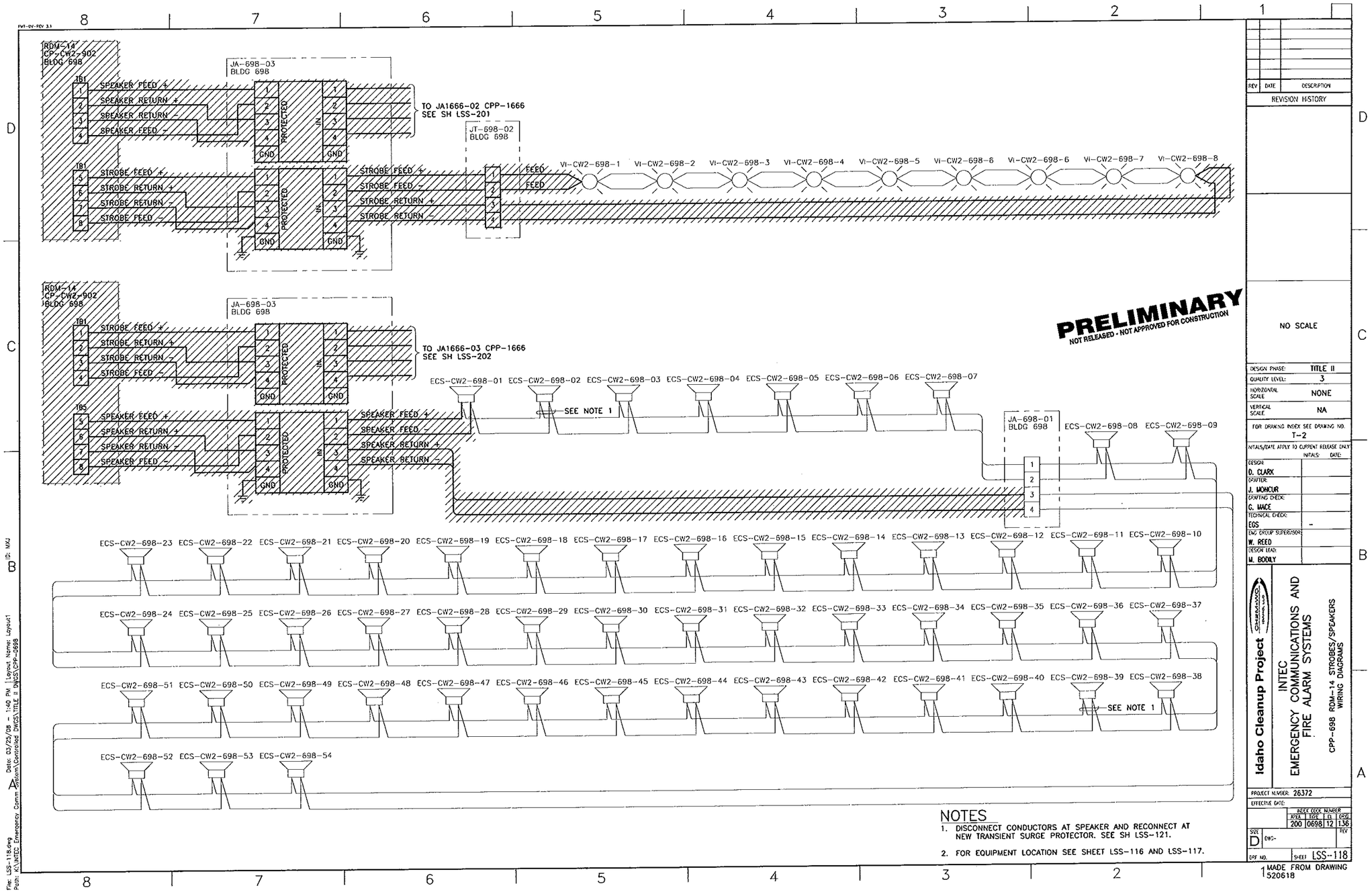
Date: 03/20/08 - 12:13 PM | Layout Name: Layout1
ID: PERKGW



NOTES

1. DISCONNECT CONDUCTORS AT SPEAKER AND RECONNECT AT NEW TRANSIENT SURGE PROTECTOR. SEE SH LSS-121.
2. FOR EQUIPMENT LOCATION SEE SHEET LSS-116 AND LSS-117.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS		-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-698 RDM-14 STROBES/SPEAKERS
WIRING DIAGRAMS

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	0698	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-118

MADE FROM DRAWING 520618

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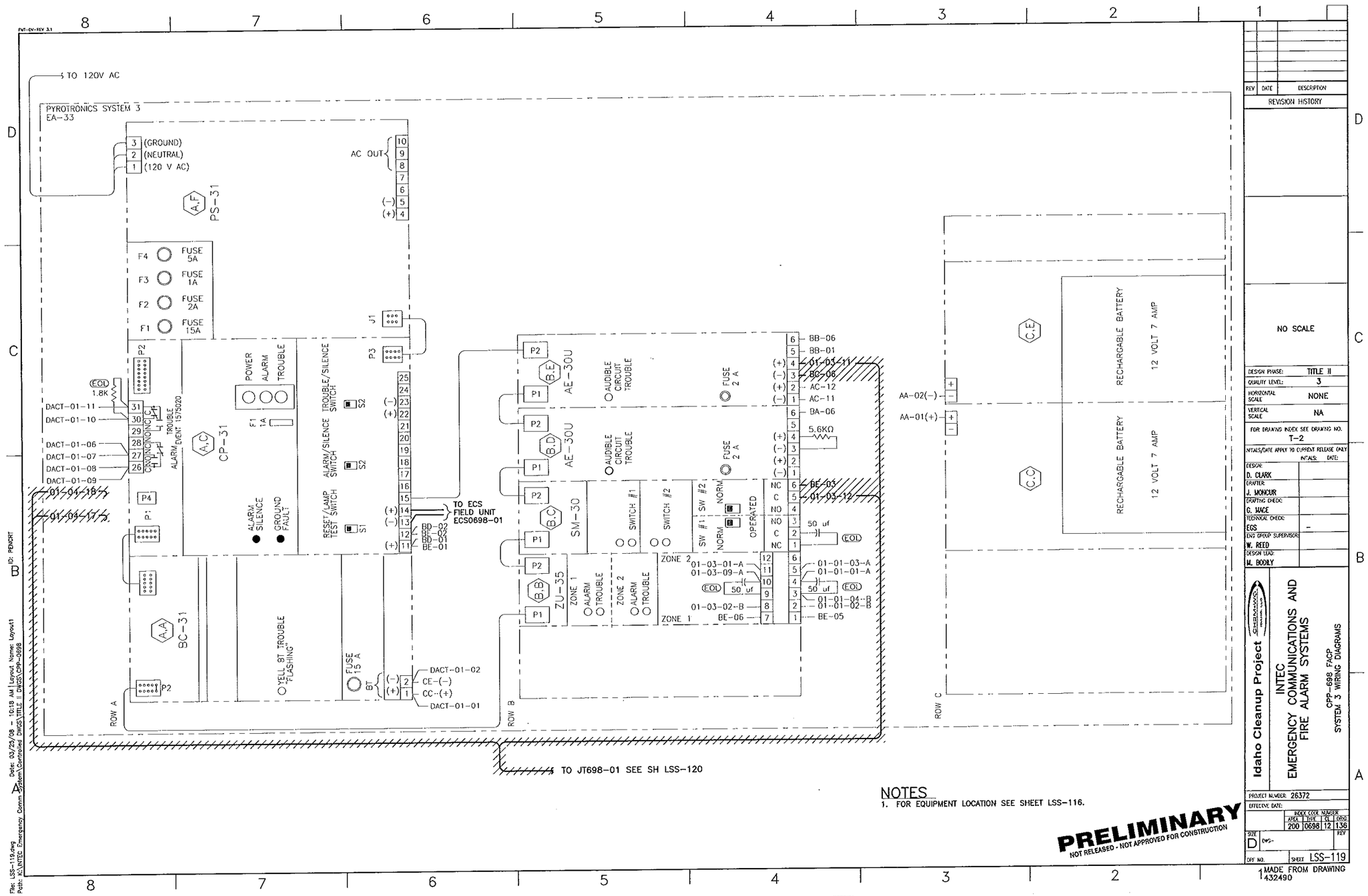
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-0698


TO 120V AC
PYROTRONICS SYSTEM 3
EA-33
3 (GROUND)
2 (NEUTRAL)
1 (120 V AC)
AC OUT
PS-31
F4 FUSE 5A
F3 FUSE 1A
F2 FUSE 2A
F1 FUSE 15A
J1
P3
P2
EOL 1.8K
DACT-01-11
DACT-01-10
DACT-01-06
DACT-01-07
DACT-01-08
DACT-01-09
01-04-18
01-04-17
CP-31
POWER
ALARM
TROUBLE
F1 1A
ALARM SILENCE
GROUND FAULT
TROUBLE/SILENCE SWITCH
ALARM/SILENCE SWITCH
RESET/LAMP TEST SWITCH
S1
S2
TO ECS FIELD UNIT ECS0698-01
BD-02
BD-01
BE-01
BC-31
YELL BT TROUBLE "FLASHING"
FUSE 15 A
BT
DACT-01-02
CE-(-)
CC-(+)
DACT-01-01
ROW A
ROW B
ROW C
AE-30U
AUDIBLE CIRCUIT TROUBLE
FUSE 2 A
SM-30
SWITCH #1
SWITCH #2
SW #1
SW #2
NORM
OPERATED
ZU-35
ZONE 1
ZONE 2
ALARM
TROUBLE
BB-06
BB-01
01-03-11
BC-06
AC-12
AC-11
BA-06
5.6KΩ
BE-03
01-03-12
50 uf
01-03-01-A
01-03-09-A
01-03-02-B
BE-06
01-01-03-A
01-01-01-A
01-01-04-B
01-01-02-B
BE-05
AA-02(-)
AA-01(+)
RECHARGABLE BATTERY
12 VOLT 7 AMP
TO JT698-01 SEE SH LSS-120
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-116.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NONE
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: J. MONCUR
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-698 FACP
SYSTEM 3 WIRING DIAGRAMS
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA 200 TYPE 0698 CL 12 ORIG 136
SIZE D
DWG-
REV
DFF NO.
SHEET LSS-119
MADE FROM DRAWING 432490
File: LSS-119.dwg
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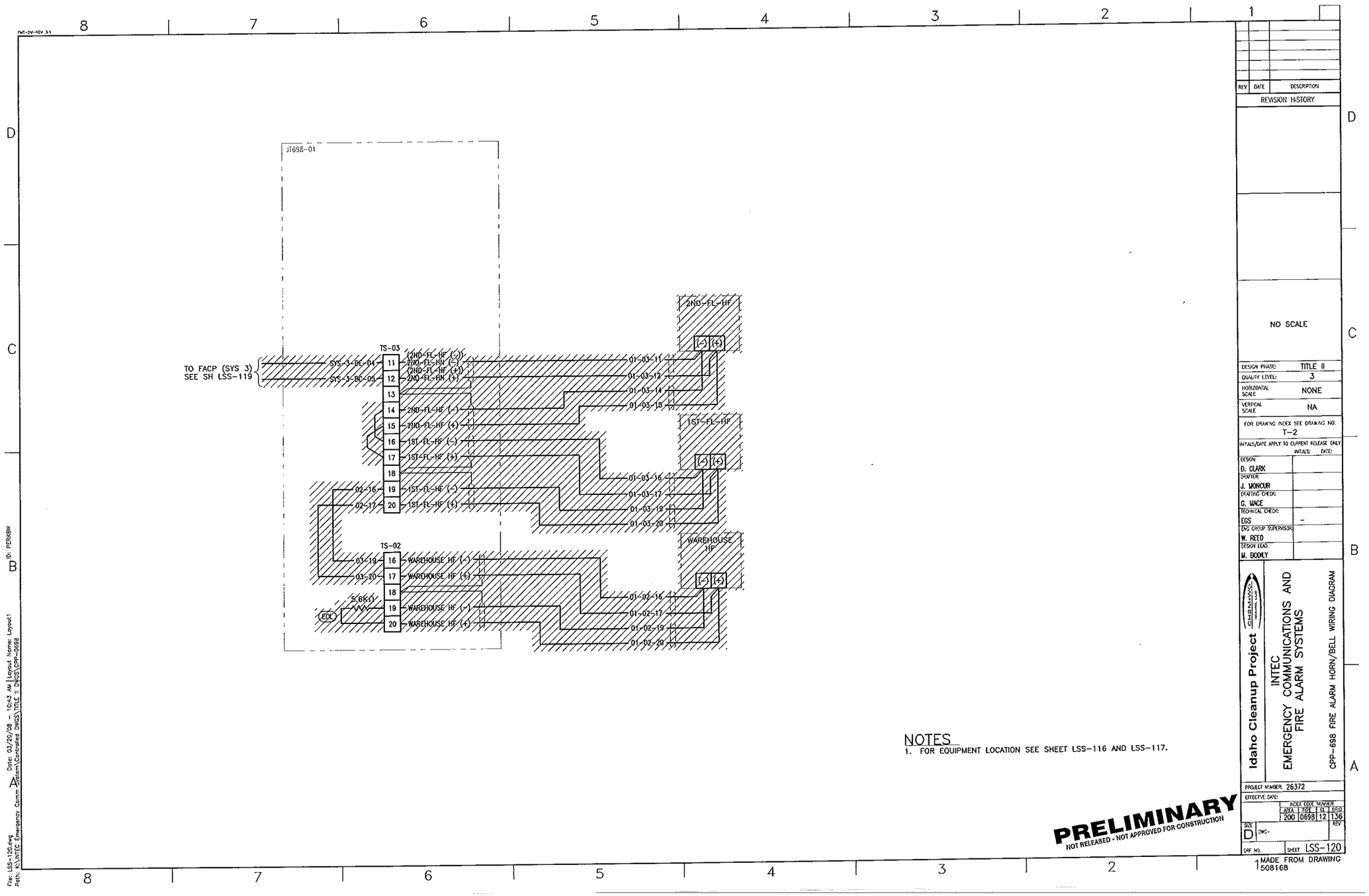
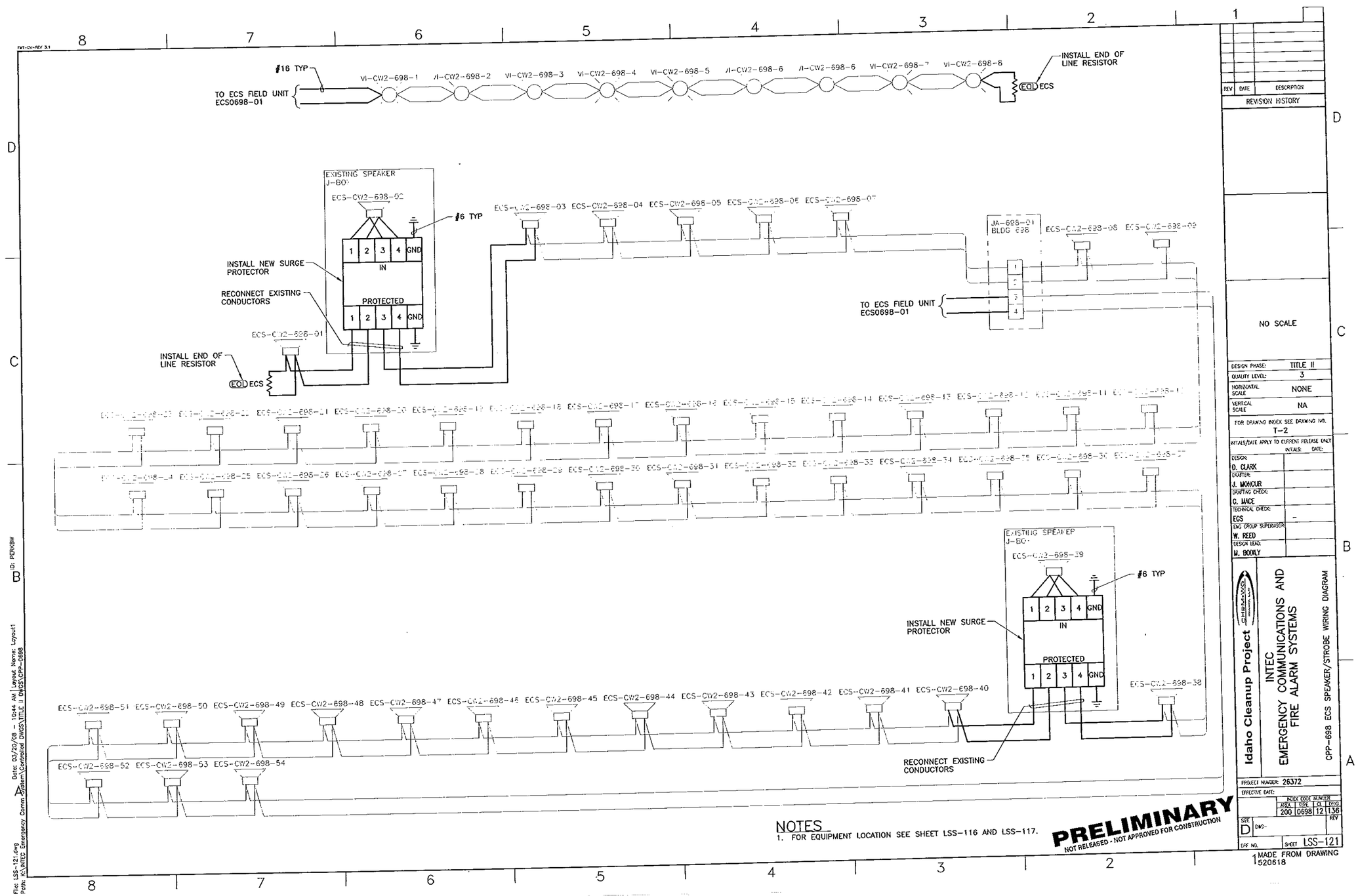
Date: 03/25/08 - 10:18 AM Layout Name: Layout1
ID: PENCRT



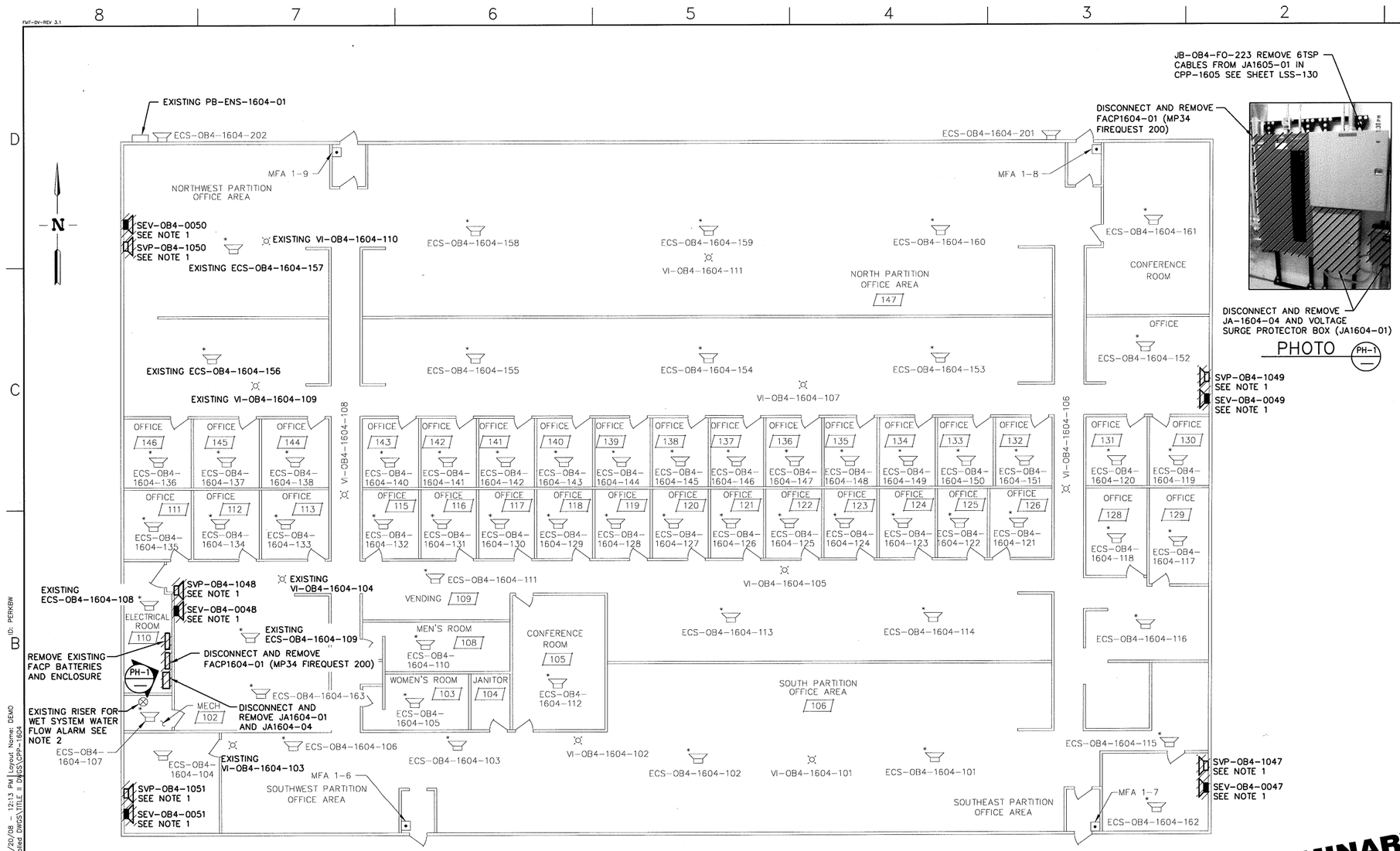
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-116 AND LSS-117.


#16 TYP
TO ECS FIELD UNIT ECS0698-01
VI-CW2-698-1
VI-CW2-698-2
VI-CW2-698-3
VI-CW2-698-4
VI-CW2-698-5
VI-CW2-698-6
VI-CW2-698-7
VI-CW2-698-8
INSTALL END OF LINE RESISTOR
EOL ECS
EXISTING SPEAKER J-BOX
ECS-CW2-698-02
#6 TYP
INSTALL NEW SURGE PROTECTOR
RECONNECT EXISTING CONDUCTORS
IN
PROTECTED
GND
ECS-CW2-698-01
ECS-CW2-698-03
ECS-CW2-698-04
ECS-CW2-698-05
ECS-CW2-698-06
ECS-CW2-698-07
JA-698-01 BLDG 698
ECS-CW2-698-08
ECS-CW2-698-09
TO ECS FIELD UNIT ECS0698-01
ECS-CW2-698-39
ECS-CW2-698-38
ECS-CW2-698-40
ECS-CW2-698-41
ECS-CW2-698-42
ECS-CW2-698-43
ECS-CW2-698-44
ECS-CW2-698-45
ECS-CW2-698-46
ECS-CW2-698-47
ECS-CW2-698-48
ECS-CW2-698-49
ECS-CW2-698-50
ECS-CW2-698-51
ECS-CW2-698-52
ECS-CW2-698-53
ECS-CW2-698-54
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-116 AND LSS-117.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-2
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: J. MONCUR
DRAFTING CHECK: C. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BOOKLY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-698 ECS SPEAKER/STROBE WIRING DIAGRAM
PROJECT NUMBER: 26372
INDEX CODE NUMBER: 200 0698 12 136
SIZE D
SHEET LSS-121
MADE FROM DRAWING 520618

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS DRAWINGS

PART 2 OF 2

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION



JB-OB4-FO-223 REMOVE 6TSP CABLES FROM JA1605-01 IN CPP-1605 SEE SHEET LSS-130

DISCONNECT AND REMOVE FACP1604-01 (MP34 FIREQUEST 200)

DISCONNECT AND REMOVE JA-1604-04 AND VOLTAGE SURGE PROTECTOR BOX (JA1604-01)

PHOTO PH-1

CPP-1604 FLOOR PLAN

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

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. REMOVE SEV AND SVP SPEAKERS AND CONDUCTORS BACK TO JA1650-01 AND JA1650-02 LOCATED IN CPP-1650 ROOM 117.
2. REMOVE WATERFLOW SWITCH CIRCUIT FROM FACP1604-01 TO WATERFLOW SWITCH IN ROOM 102.

REV	DATE	DESCRIPTION

REVISION HISTORY

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

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1604 FLOOR PLAN AND PHOTO

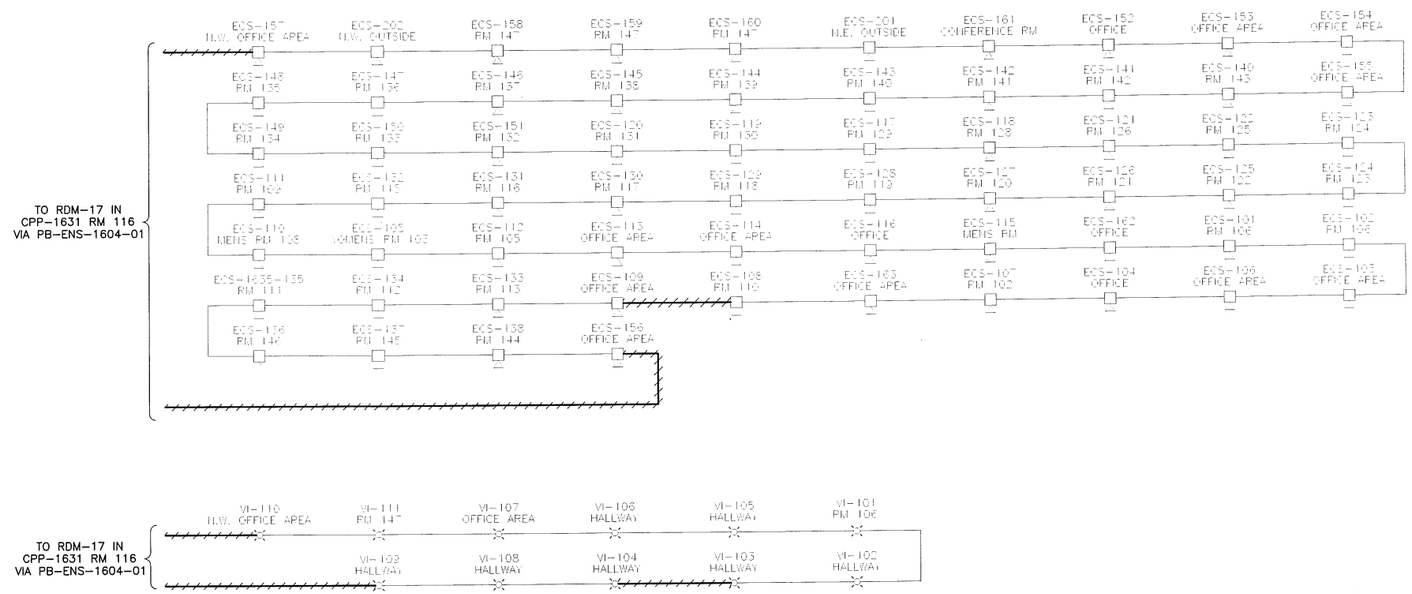
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DRG
200	1604	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-122

LSS-7380 1 MADE FROM DWG 440586 & 425022

File: LSS-122.dwg Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1604 Date: 03/20/08 - 12:13 PM Layout Name: DEMO ID: PERKBW



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-122.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

CH2MHILL

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1604 RDM-17 SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

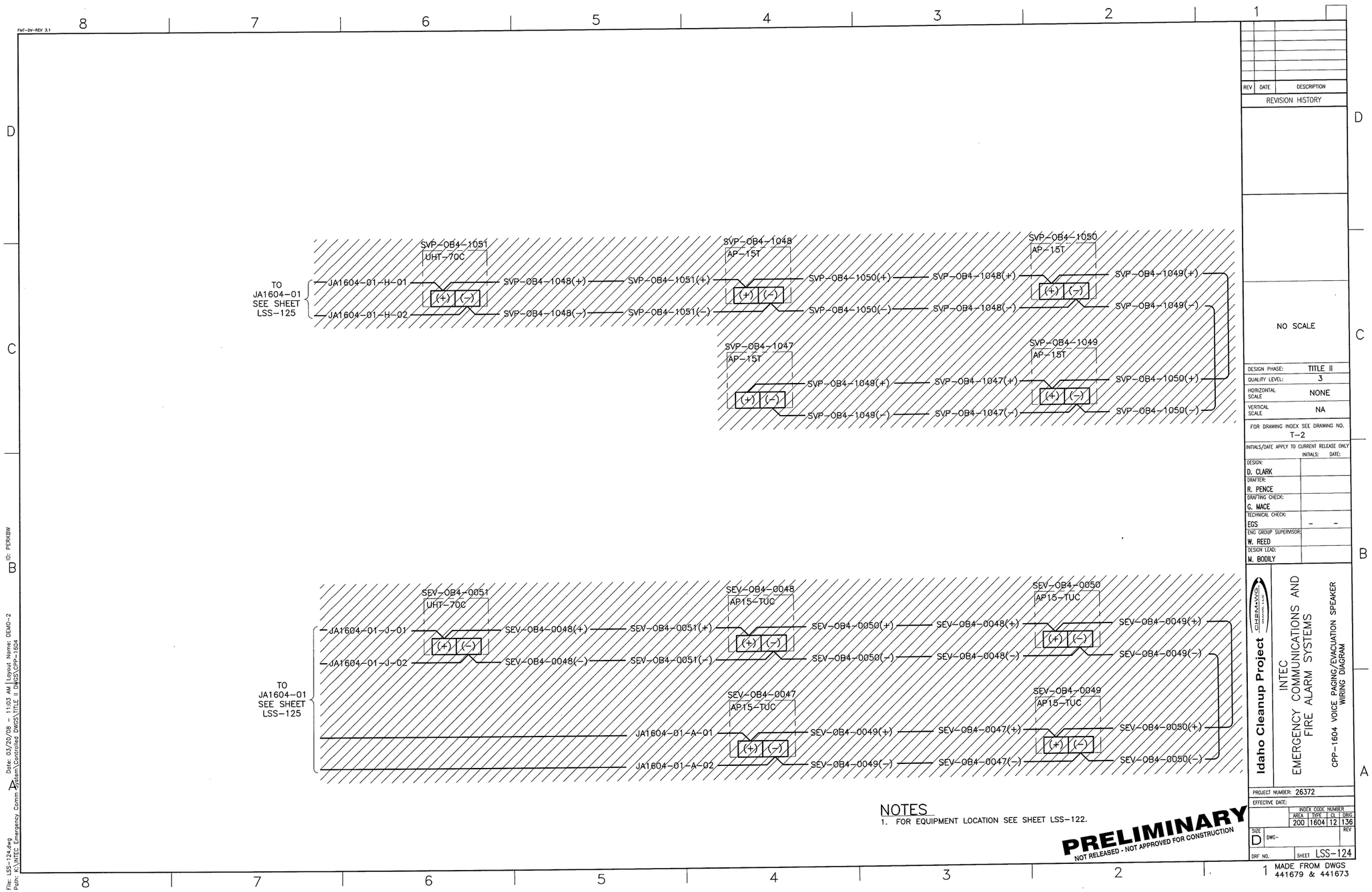
INDEX CODE NUMBER				
AREA	TYPE	G.	LORIG	
200	1604	12	136	

SIZE D DWG- REV

DRF NO. SHEET LSS-123

MADE FROM DWG 183793

File: LSS-123.dwg
Path: K:\INTEC Emergency Comm System\Contracted Dwgs\TITLE II Dwgs\CPP-1604
Date: 03/20/08 - 10:52 AM Layout Name: DEMO
ID: PERKBW



NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-122.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1604 VOICE PAGING/EVACUATION SPEAKER WIRING DIAGRAM

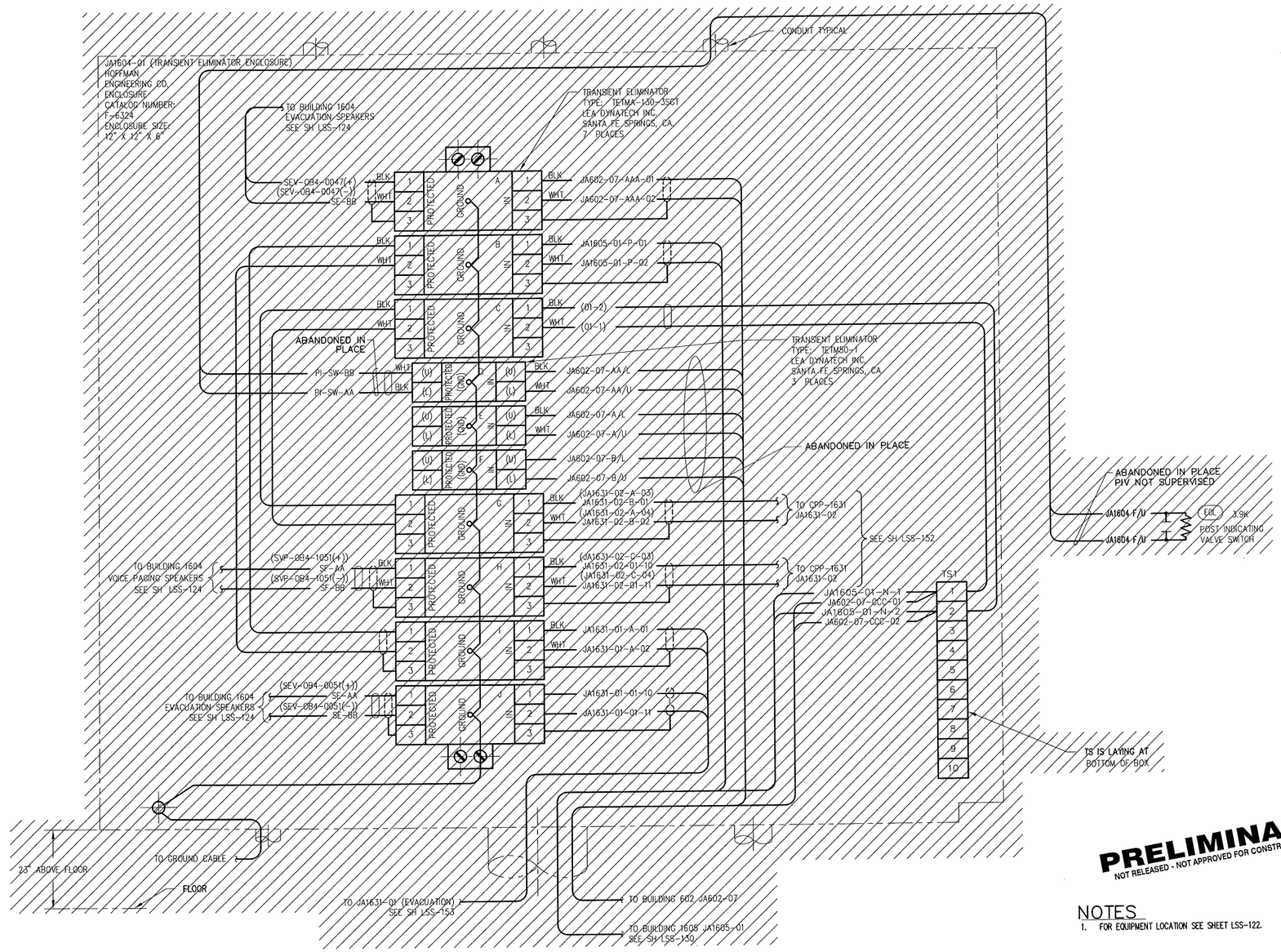
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1604	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-124

MADE FROM DWGS 441679 & 441673

File: LSS-124.dwg
Path: K:\INTEC Emergency Comm System\Contracted Dwgs\TITLE II Dwgs\CPP-1604
Date: 03/20/08 - 11:03 AM | Layout Name: DEMO-2 | ID: PERKBW



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-122.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. FENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

CH2MHILL
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1604 JA1604-01 WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	G.	DWG.
200	1604	12	136

SIZE D DWG- REV
DRF NO. - SHEET LSS-125

MADE FROM DWG 425019

File: LSS-125.dwg
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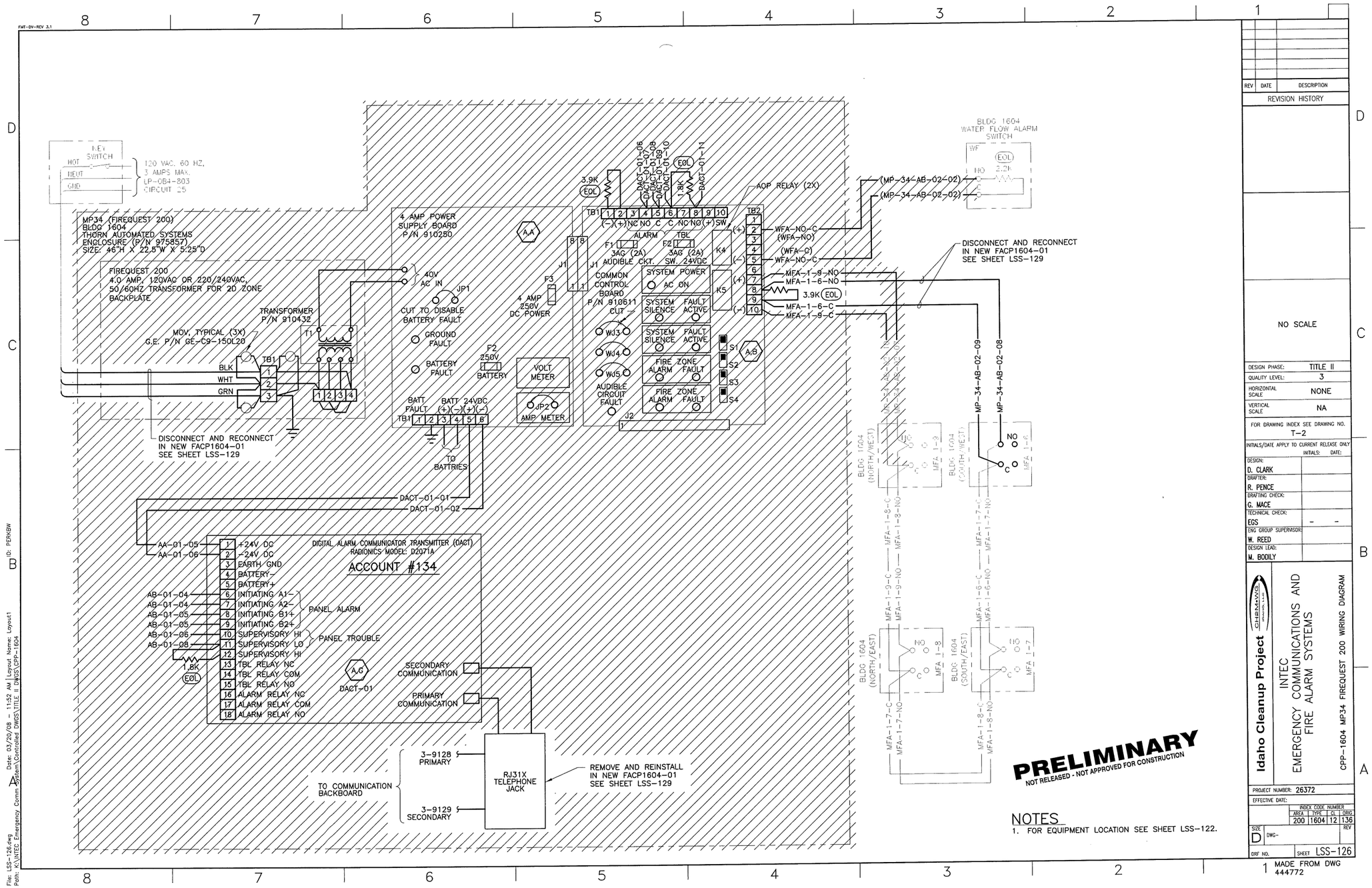
Date: 03/20/08 - 11:39 AM | Layout Name: Layout1
ID: PERKGW



NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-122.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1604 MP34 FIREQUEST 200 WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

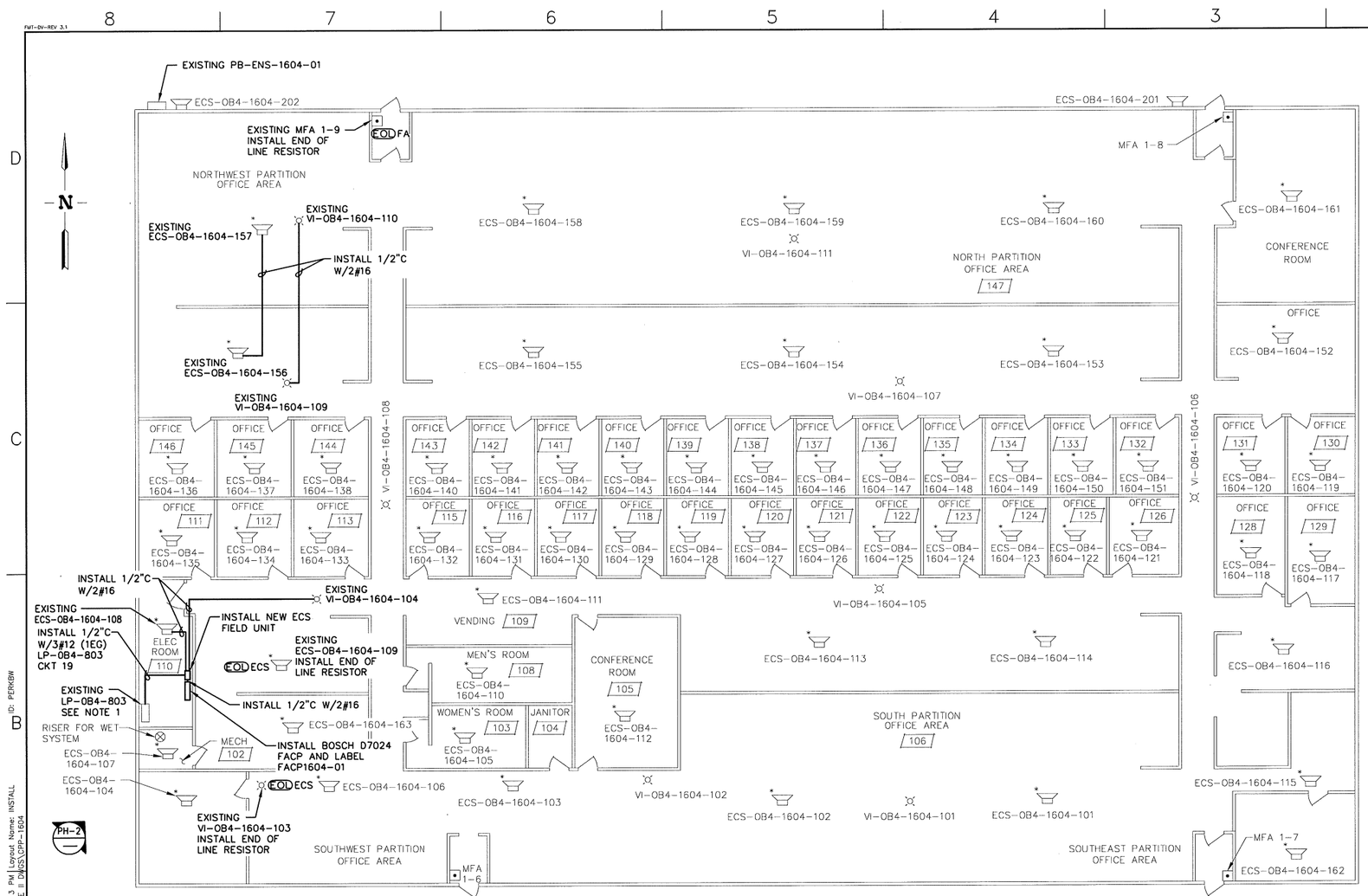
INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1604	12	136

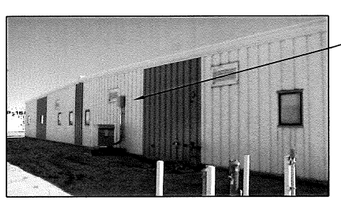
SIZE D DWG- REV

DRF NO. SHEET LSS-126

MADE FROM DWG 444772

File: LSS-126.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1604
Date: 03/20/08 - 11:52 AM Layout Name: Layout1
ID: PERKBW





INSTALL ANTENNA IN
THIS GENERAL VICINITY
SEE TYPICAL DETAIL
ON SHEET LSS-4

PHOTO PH-2

CPP-1604 FLOOR PLAN

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

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. INSTALL NEW 20A CIRCUIT BREAKER IN EXISTING PANEL LP-OB4-803 (GE NLAB, THQB CIRCUIT BREAKER), POSITION 19.
2. CPP-1604 HAS LAY IN ACOUSTICAL TILE CEILINGS 8'-0" AFF.

REV	DATE	DESCRIPTION

REVISION HISTORY

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

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1604 FLOOR PLAN AND PHOTO

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1604	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-127

LSS-7380 1 MADE FROM DWG 440586 & 425022

File: LSS-127.dwg
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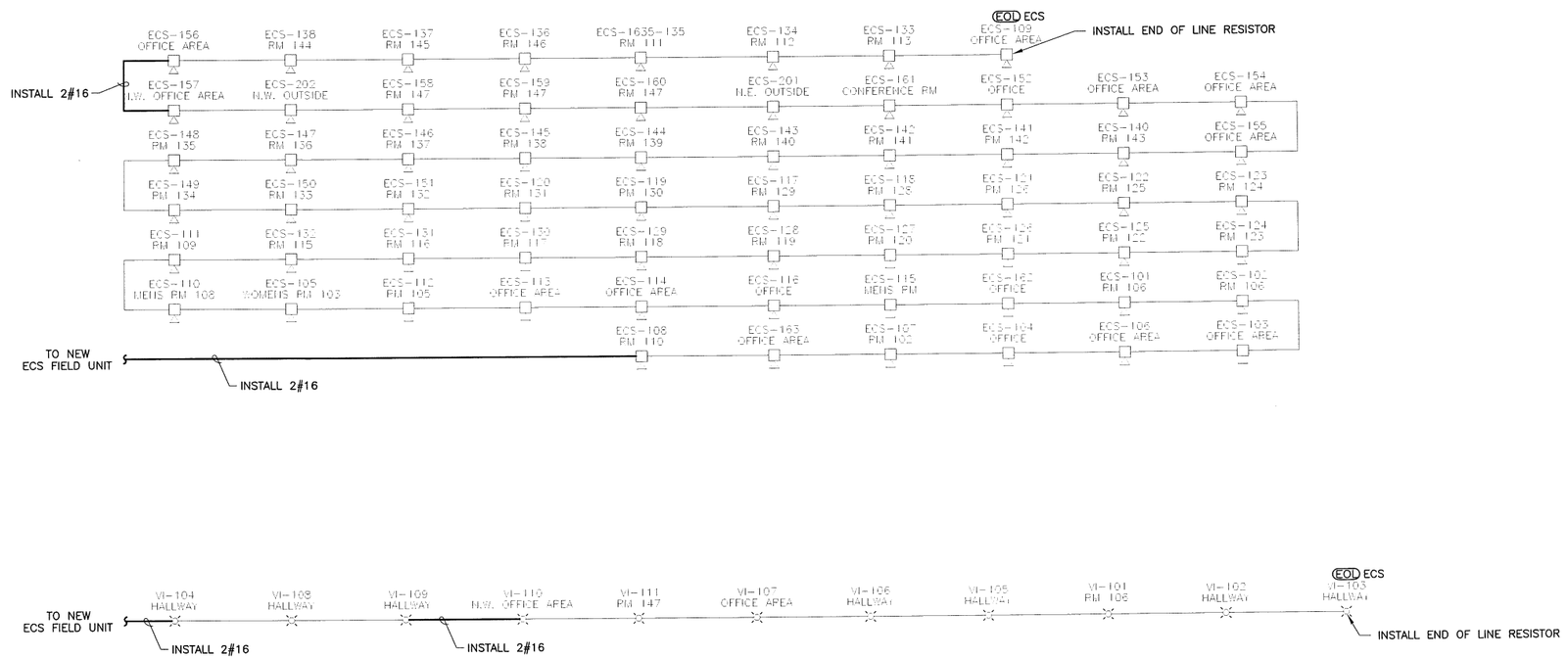
Date: 03/20/08 - 12:13 PM | Layout Name: INSTALL
D: PERKBW



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-127.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

CH2MHILL
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1604 ECS SPEAKER/STROBE WIRING DIAGRAM

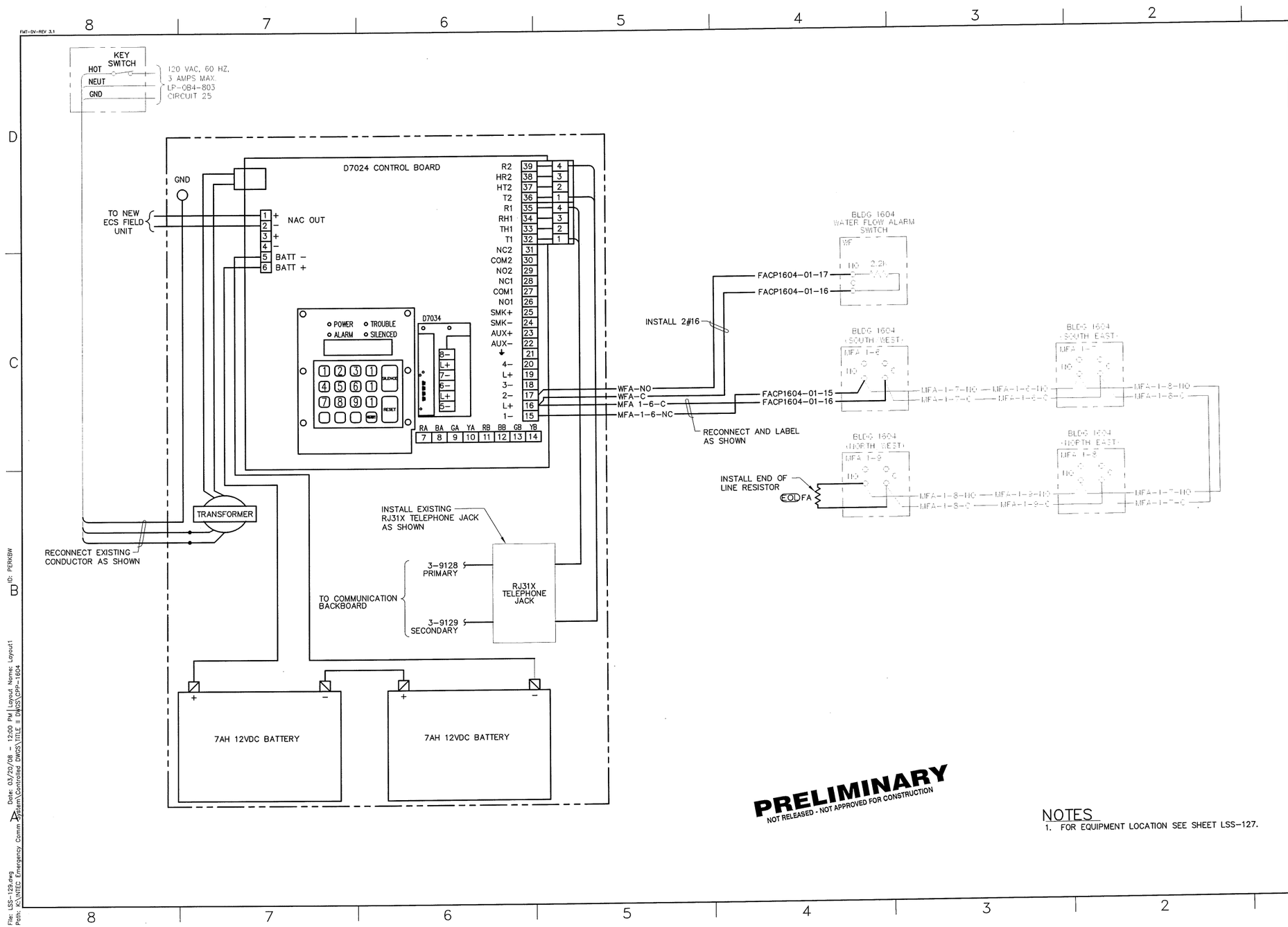
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CI	DRG
200	1604	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-128

MADE FROM DWG 183793

File: LSS-128.dwg Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1604 Date: 03/20/08 - 11:58 AM Layout Name: INSTALL ID: PERKBW



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS–127.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T–2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	–	–
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP–1604 FACP1604–01 WIRING DIAGRAM

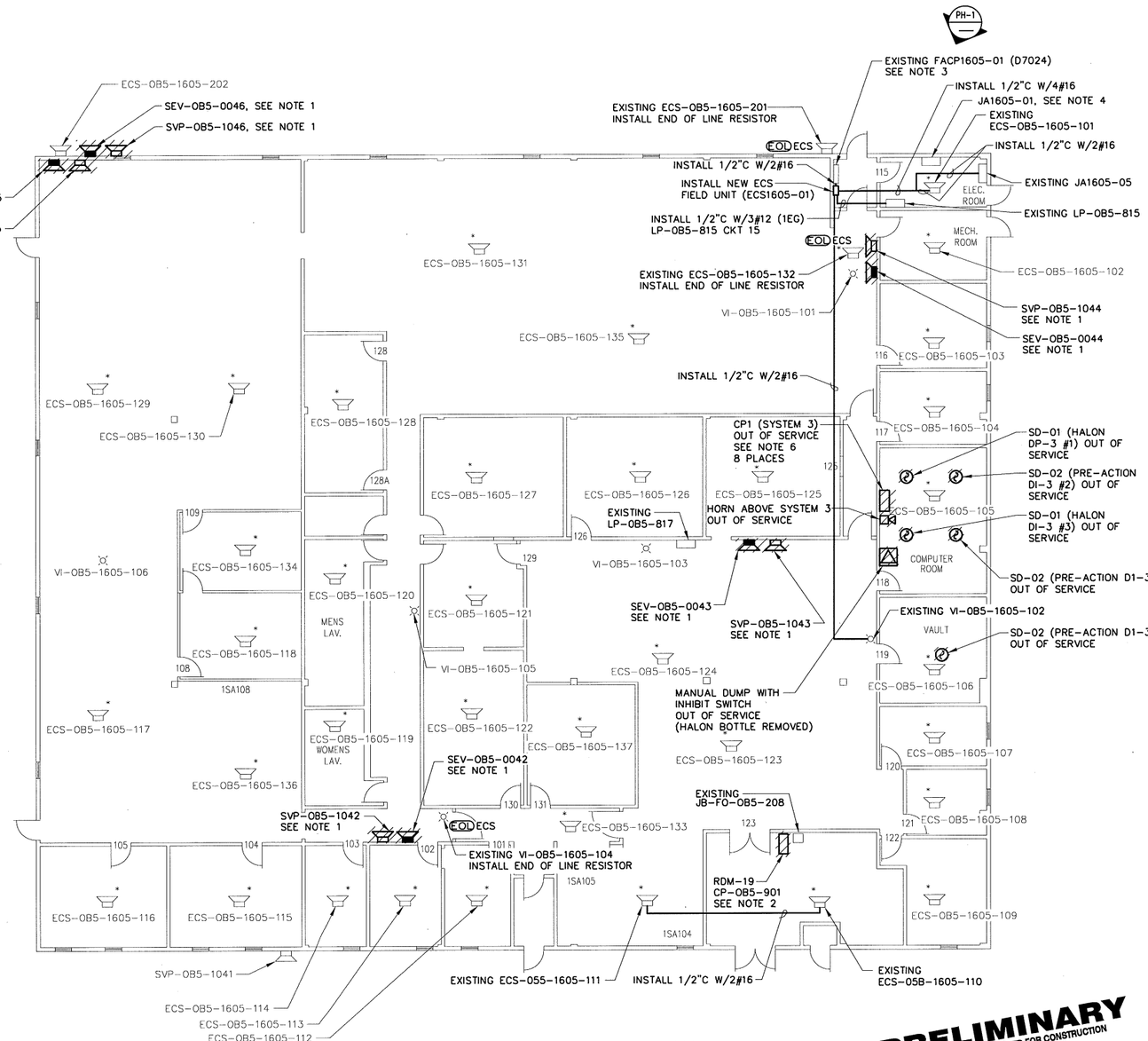
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DISC
200	1604	12	136

SIZE D DWG– REV
DRF NO. SHEET LSS–129

MADE FROM DWG 444772

File: LSS–129.dwg
Path: X:\INTEC Emergency Comm System\Contract Dwgs\TITLE II Dwgs\CPP–1604
Date: 03/20/08 – 12:00 PM Layout Name: Layout1
ID: PERKBW



CPP-1605 FLOOR PLAN
SCALE: 1/8"=1'-0"

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

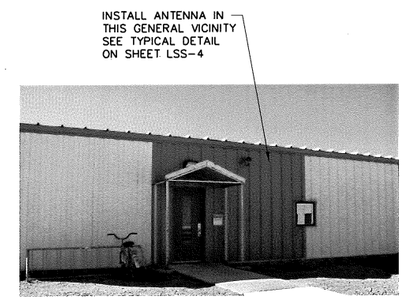


PHOTO PH-1

NOTES

1. REMOVE SEV AND SVP SPEAKERS AND CONDUCTORS BACK TO JA1605-01.
2. REMOVE RDM AND ASSOCIATED CONDUIT TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE BACK TO JB-FO-OB5-208. REMOVE POWER CONDUCTORS BACK TO LP-OB5-817 CIRCUIT 37.
3. FOR TYPICAL D7024 CONNECTION DETAIL SEE SHEET ____.
4. REMOVE 6TSP CABLES (SPARE) TO JB-OB4-FO-223 IN CPP-1604 SEE SHEET LSS-____.
5. CPP-1605 HAS LAY IN ACOUSTICAL TILE CEILING 8'-0" AFF.
6. REMOVE CP1 HALON CONTROL PANEL AND ALL ASSOCIATED DEVICES AND WIRING. REMOVE CONDUITS BACK TO FIRST J-BOX OR FITTING. REMOVE POWER CONDUCTORS BACK TO LP-OB5-815. REMOVE ALARM CONDUCTORS BACK TO JA1605-01.

REV	DATE	DESCRIPTION

REVISION HISTORY

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

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1605 FLOOR PLAN AND PHOTO

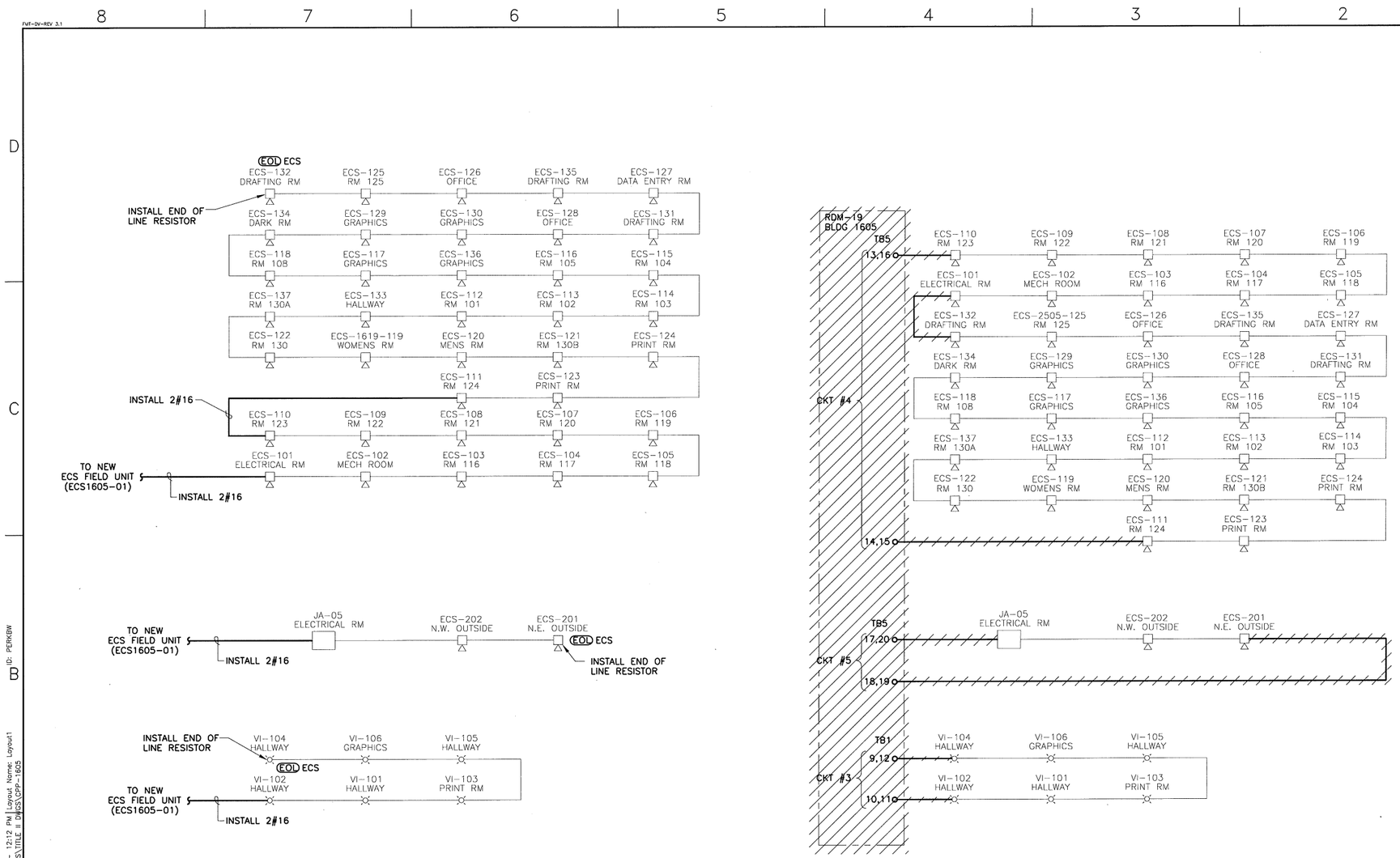
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1605	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-130

MADE FROM DWG 440595

File: LSS-130.dwg
Path: X:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1605S
Date: 03/29/08 - 10:58 AM Layout Name: Layout1
ID: MXU



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-130.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1605 SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYP	CL	DRG
200	1605	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-131

LSS-7380 1 MADE FROM DWG 183795

File: LSS-131.dwg
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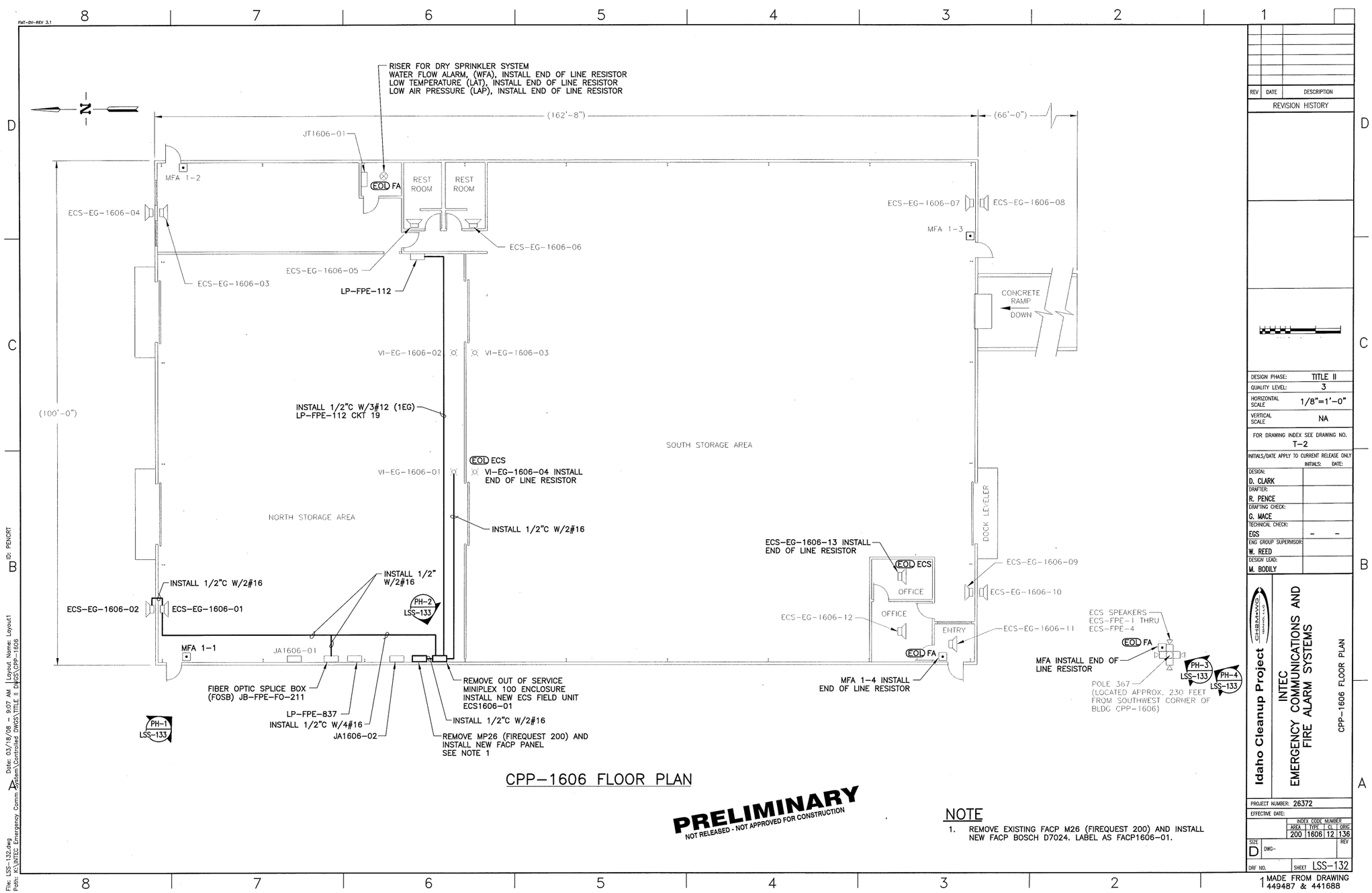
Date: 03/20/08 - 12:12 PM Layout Name: Layout1
ID: PERKGW



CPP-1606 FLOOR PLAN

FMT-DV-REV 3.1

INSTALL ANTENNA IN THIS GENERAL VICINITY SEE TYPICAL DETAIL SHEET LSS-4

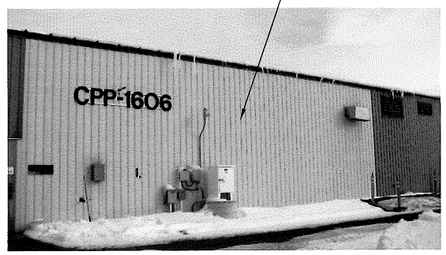


PHOTO PH-1 LSS-132

FA PULL BOX

ECS PULL BOX

PHOTO PH-3 LSS-132

REMOVE FACP MP26 (FIREQUEST 200)

REMOVE OUT OF SERVICE MINIPLEX 100 ENCLOSURE

REMOVE BATTERIES AND ENCLOSURE

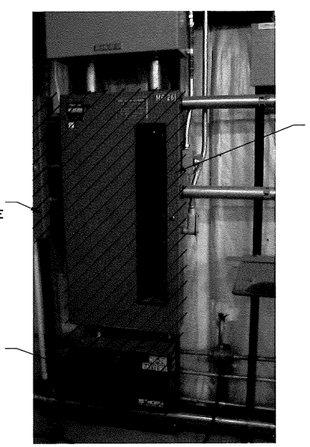


PHOTO PH-2 LSS-132

ECS SPEAKERS ECS-FPE-1 THRU ECS-FPE-4

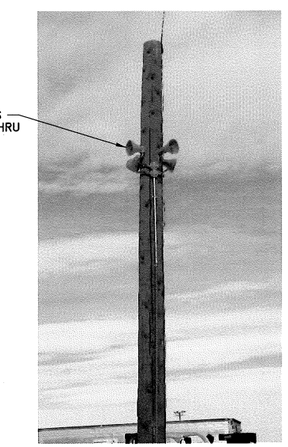


PHOTO PH-4 LSS-132

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1606 PHOTOS

PROJECT NUMBER: 26372

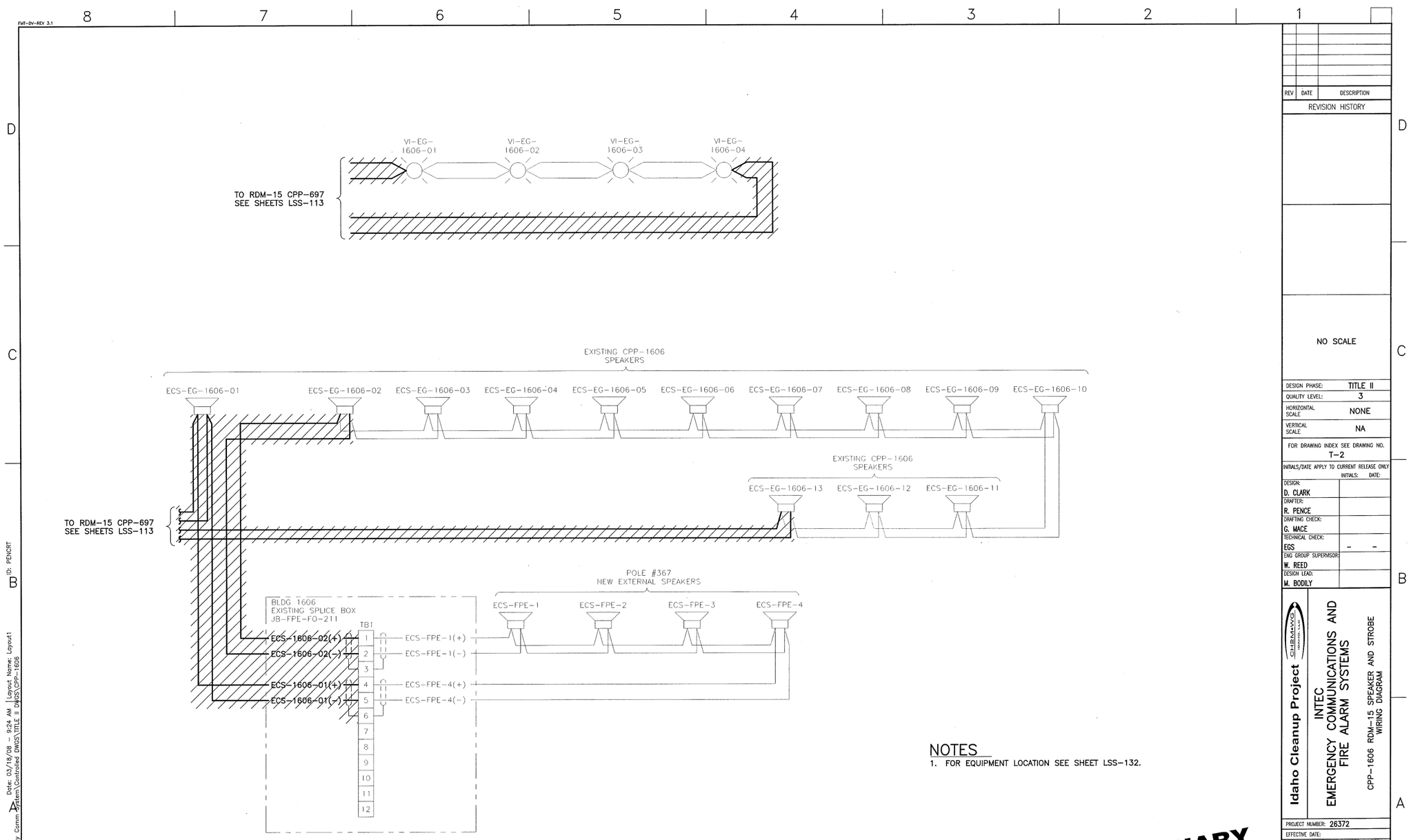
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	LDBG
200	1606	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-133

File: LSS-133.dwg
Path: K:\INTEC Emergency Comm System\Controller DWGS\TITLE II DWGS\CPP-1606
Date: 03/06/08 - 2:42 PM | Layout Name: PHOTO
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-132.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1606 RDM-15 SPEAKER AND STROBE
WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER:				
AREA	TYPE	G	ORIG	REV
200	1606	12	136	

SIZE D DWG- DRF NO. SHEET LSS-134

MADE FROM DRAWING 514624 SHEET 2

File: LSS-134.dwg
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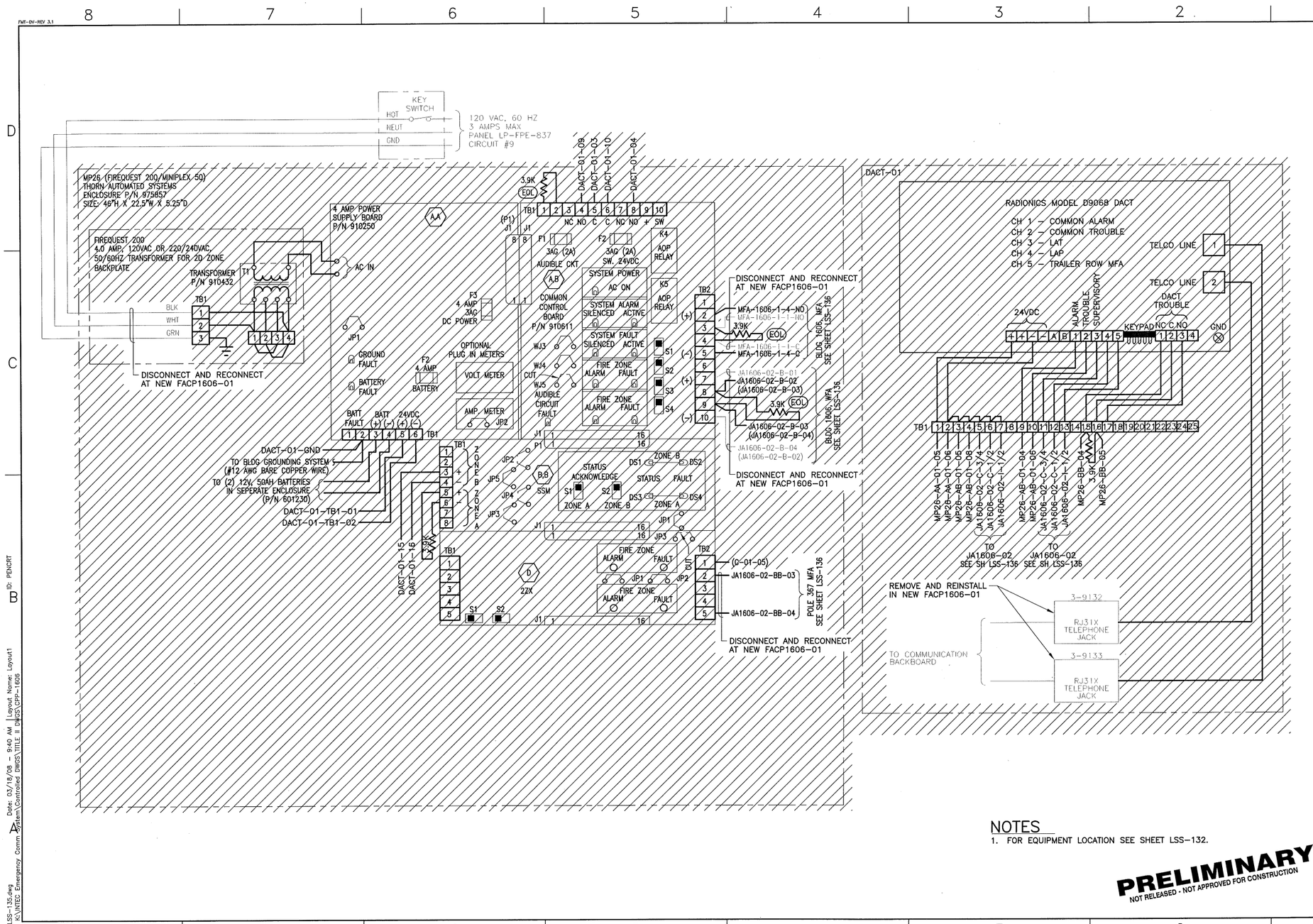
Date: 03/18/08 - 9:24 AM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-132.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1606 MP26 FIREQUEST 200/DACT-01
WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1606	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-135

DRAWING MADE FROM
441826 SH 1 AND 2

File: LSS-135.dwg
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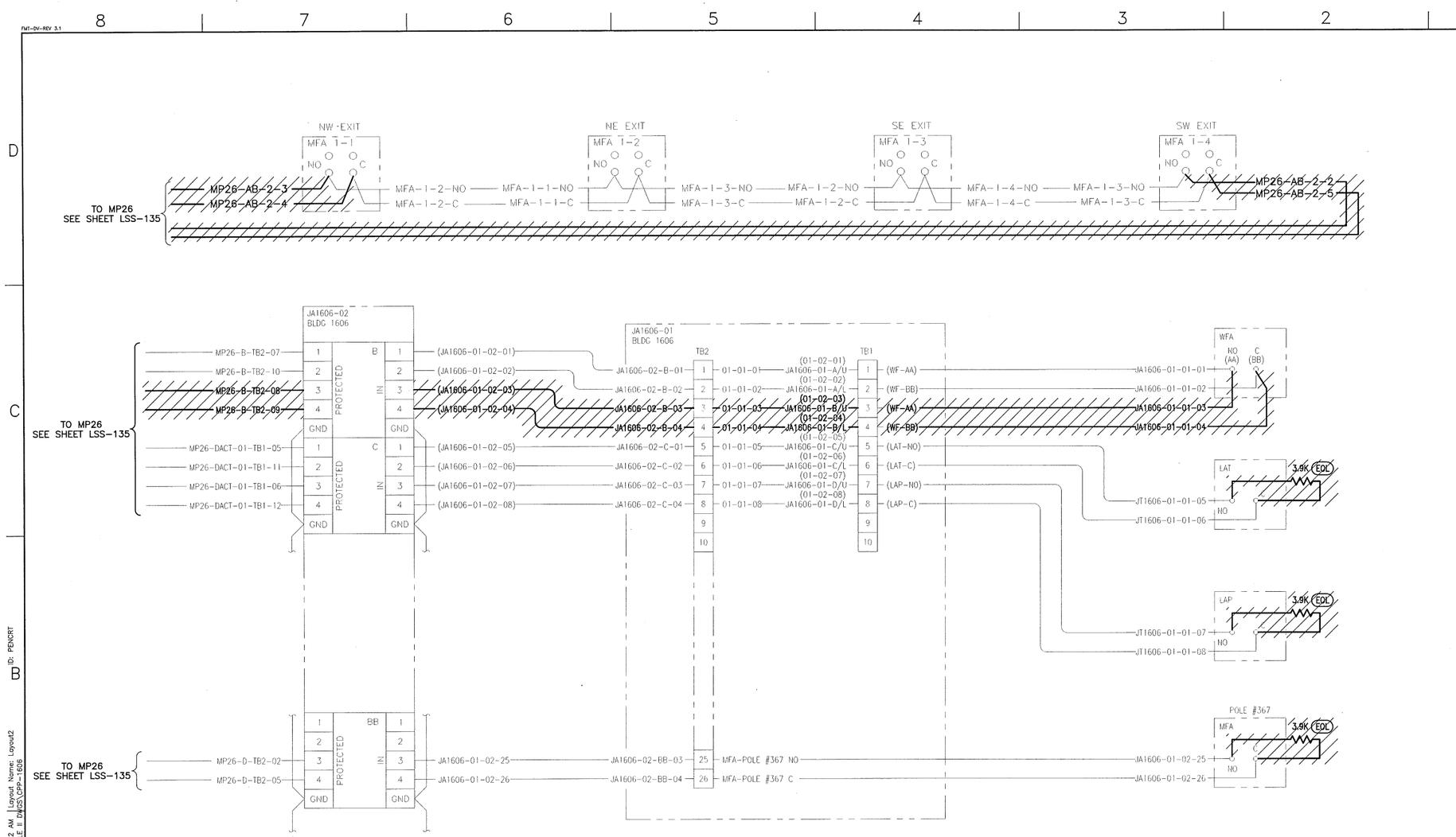
Date: 03/18/08 - 9:40 AM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-132.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1606 JA1602-01 AND 02 WIRING DIAGRAM

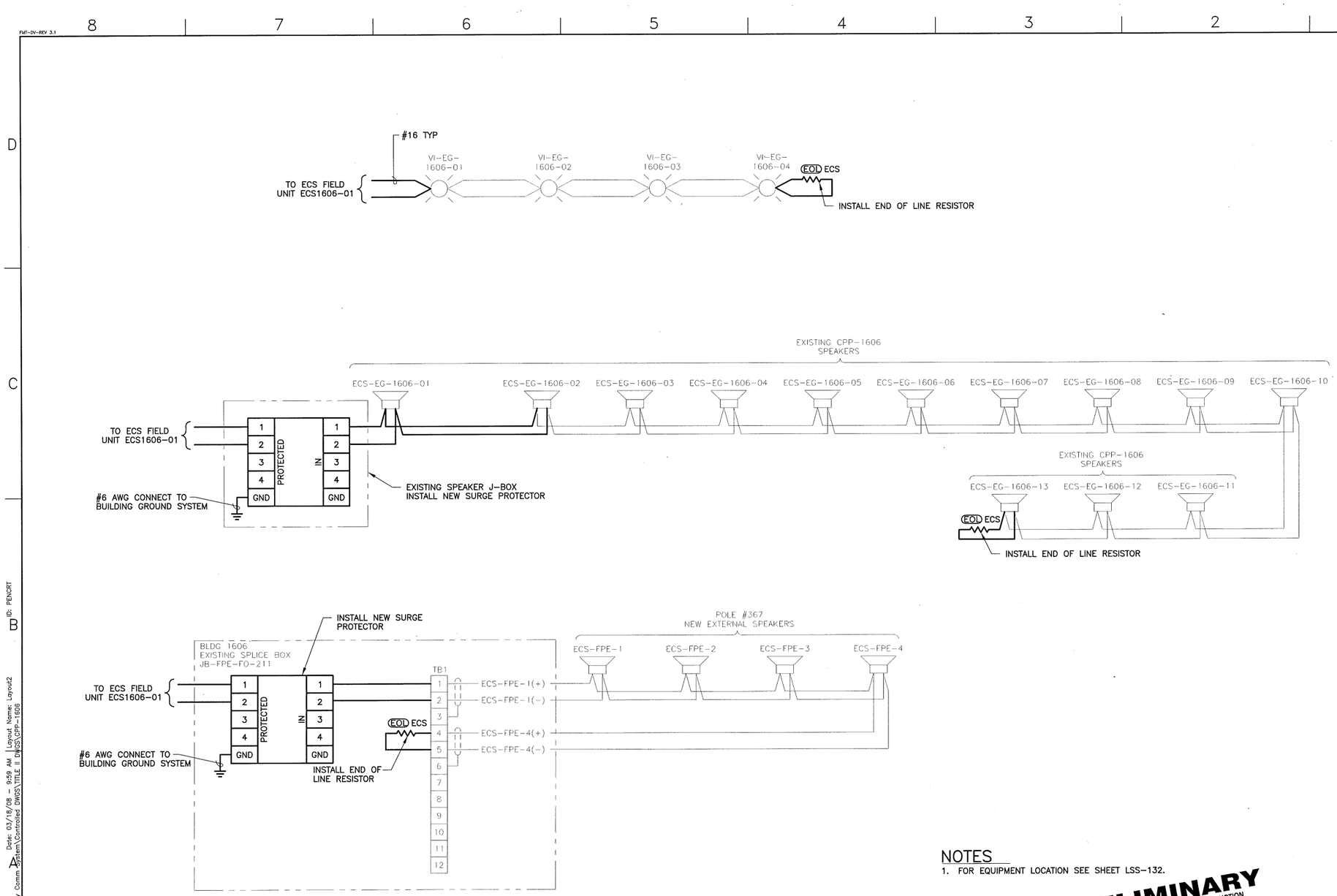
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1606	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-136

DRAWING MADE FROM 441827, 510123, 51462

File: LSS-136.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1606
Date: 03/18/08 - 9:42 AM | Layout Name: Layout2
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-132.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1606 ECS SPEAKER AND STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CI	DWG
200	1606	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-137

MADE FROM DRAWING 514624 SHEET 2

File: LSS-137.dwg
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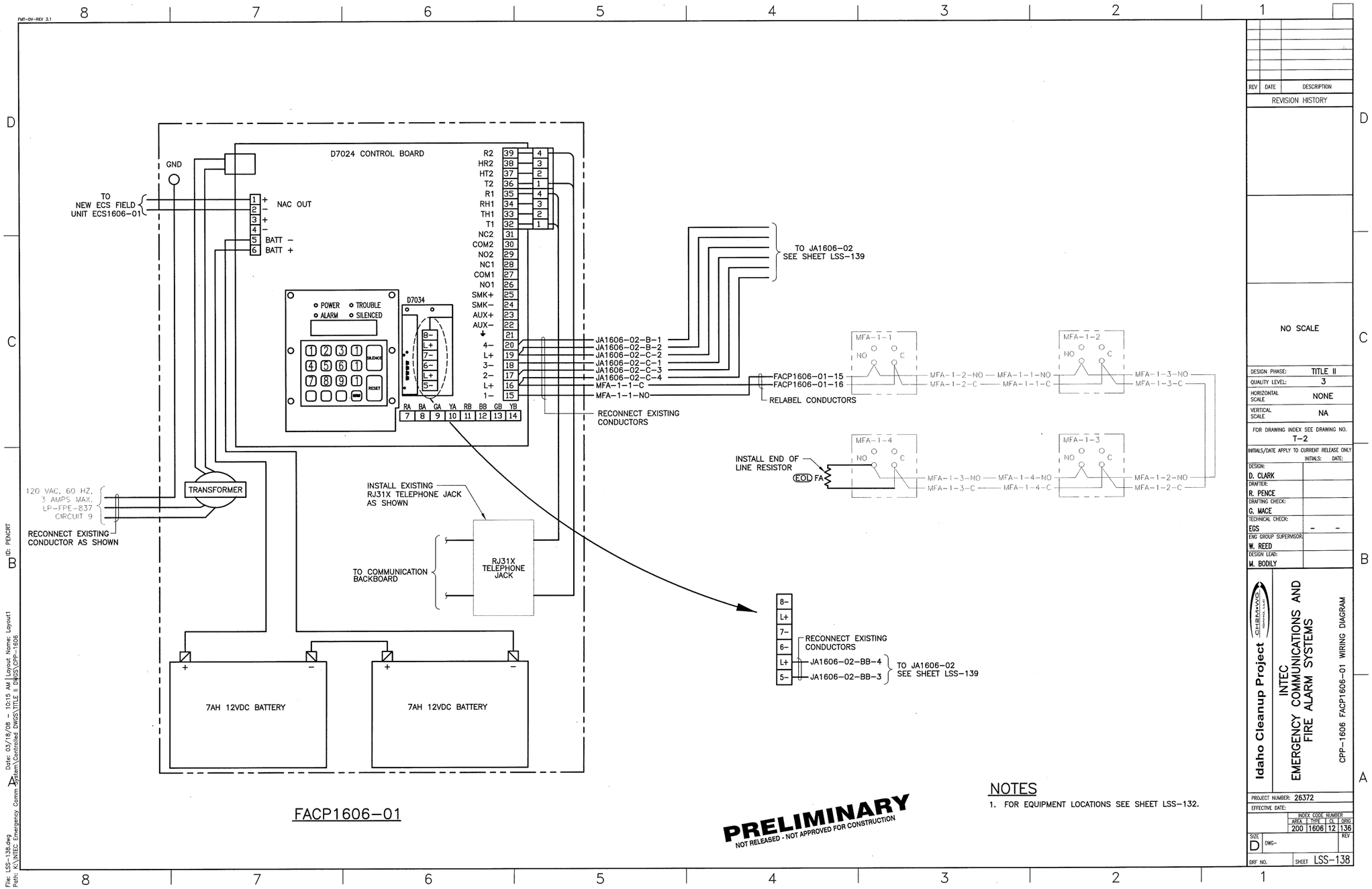
Date: 03/18/08 - 9:59 AM | Layout Name: Layout2
ID: PENGRT



NOTES

1. FOR EQUIPMENT LOCATIONS SEE SHEET LSS-132.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1606 FACP1606-01 WIRING DIAGRAM

PROJECT NUMBER: 26372

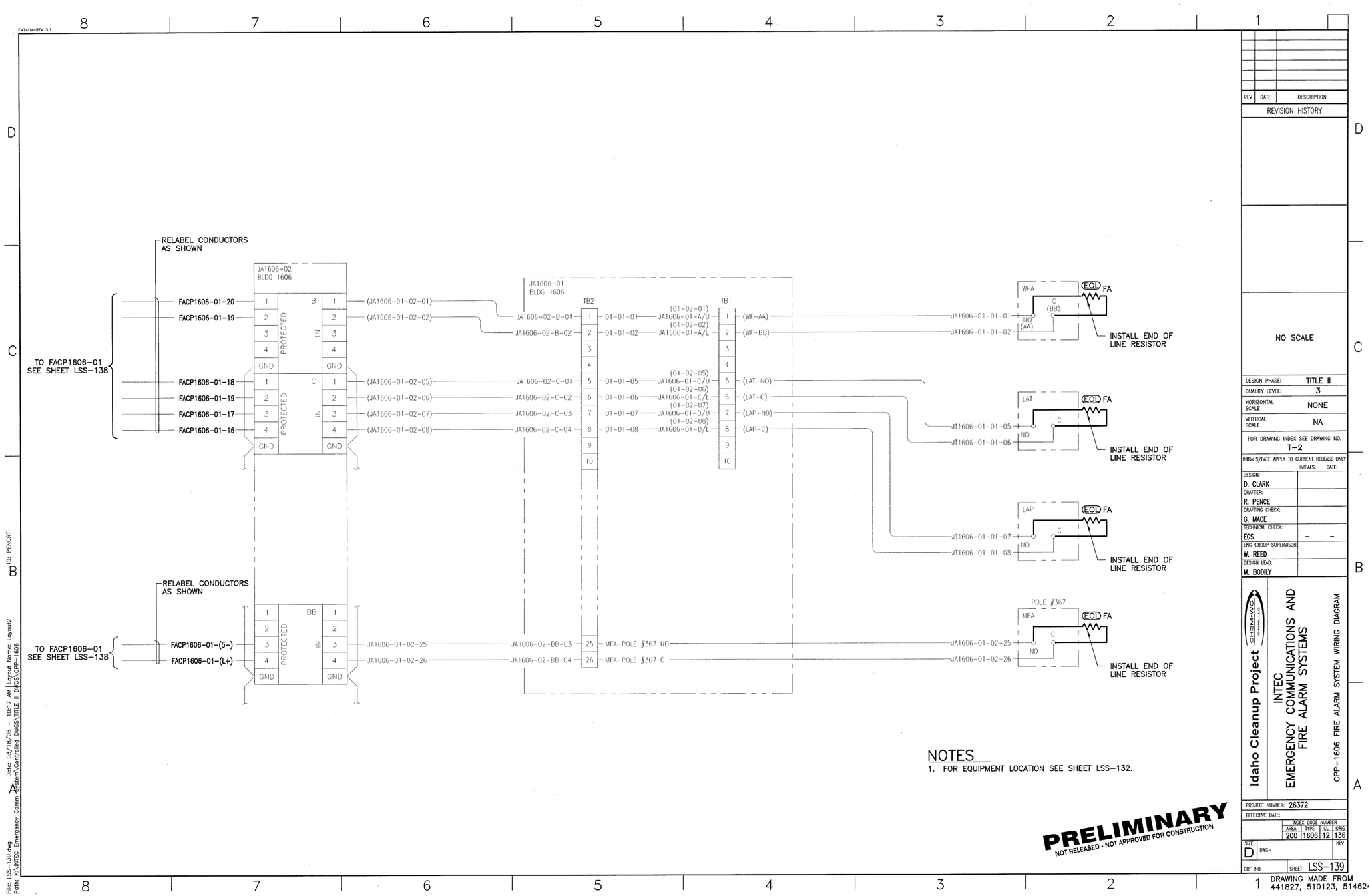
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1606	12	136

SIZE: D DWG- REV

DRF NO. SHEET LSS-138

File: LSS-138.dwg Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1606 Date: 03/18/08 - 10:15 AM Layout Name: Layout1 ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-132.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-2

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1606 FIRE ALARM SYSTEM WIRING DIAGRAM

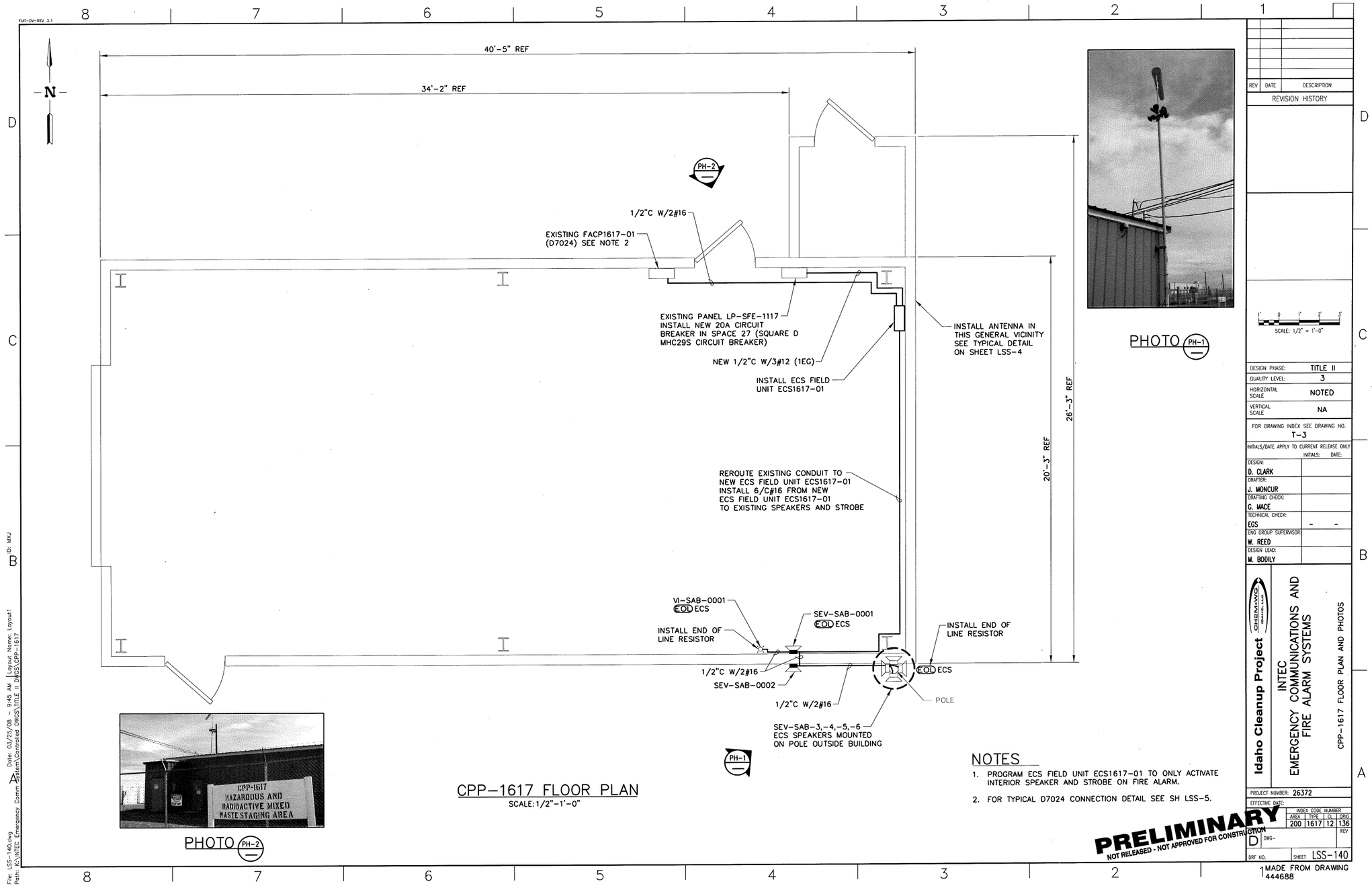
PROJECT NUMBER: 26372
EFFECTIVE DATE:

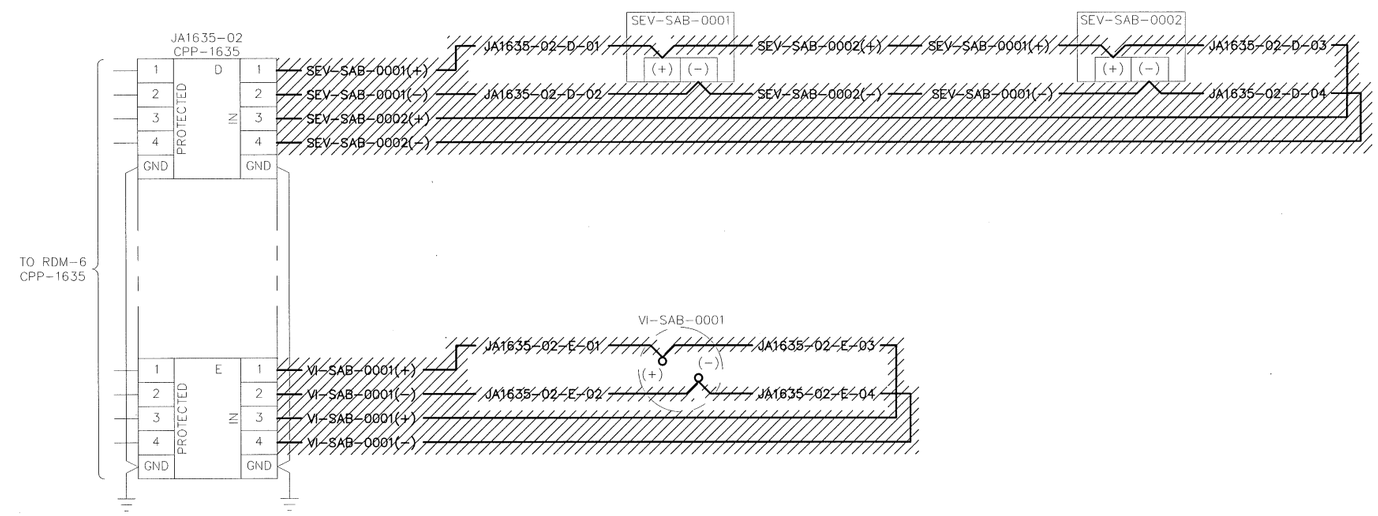
INDEX CODE NUMBER			
AREA	TYPE	CL	DRWG
200	1606	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-139

DRAWING MADE FROM 441827, 510123, 51462.

File: LSS-139.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1606
Date: 03/18/08 - 10:17 AM | Layout Name: Layout2
ID: PENCRT


40'-5" REF
34'-2" REF
N
PH-2
1/2"C W/2#16
EXISTING FACP1617-01 (D7024) SEE NOTE 2
EXISTING PANEL LP-SFE-1117 INSTALL NEW 20A CIRCUIT BREAKER IN SPACE 27 (SQUARE D MHC29S CIRCUIT BREAKER)
NEW 1/2"C W/3#12 (1EG)
INSTALL ECS FIELD UNIT ECS1617-01
INSTALL ANTENNA IN THIS GENERAL VICINITY SEE TYPICAL DETAIL ON SHEET LSS-4
26'-3" REF
20'-3" REF
REROUTE EXISTING CONDUIT TO NEW ECS FIELD UNIT ECS1617-01 INSTALL 6/C#16 FROM NEW ECS FIELD UNIT ECS1617-01 TO EXISTING SPEAKERS AND STROBE
VI-SAB-0001 EOL ECS
INSTALL END OF LINE RESISTOR
SEV-SAB-0001 EOL ECS
INSTALL END OF LINE RESISTOR
1/2"C W/2#16
SEV-SAB-0002
1/2"C W/2#16
EOL ECS
POLE
SEV-SAB-3,-4,-5,-6 ECS SPEAKERS MOUNTED ON POLE OUTSIDE BUILDING
PH-1
CPP-1617 HAZARDOUS AND RADIOACTIVE MIXED WASTE STAGING AREA
PHOTO PH-2
PHOTO PH-1
CPP-1617 FLOOR PLAN
SCALE: 1/2"=1'-0"
NOTES
1. PROGRAM ECS FIELD UNIT ECS1617-01 TO ONLY ACTIVATE INTERIOR SPEAKER AND STROBE ON FIRE ALARM.
2. FOR TYPICAL D7024 CONNECTION DETAIL SEE SH LSS-5.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV DATE DESCRIPTION
REVISION HISTORY
SCALE: 1/2" = 1'-0"
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NOTED
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-3
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: J. MONCUR
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: ECS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1617 FLOOR PLAN AND PHOTOS
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL ORIG
200 1617 12 136
DWG-
REV
DRF NO.
SHEET LSS-140
MADE FROM DRAWING 444688
File: LSS-140.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1617
Date: 03/25/08 - 9:45 AM
Layout Name: Layout1
ID: MKJ



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-140.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1617 RDM-6 SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1617	12	136

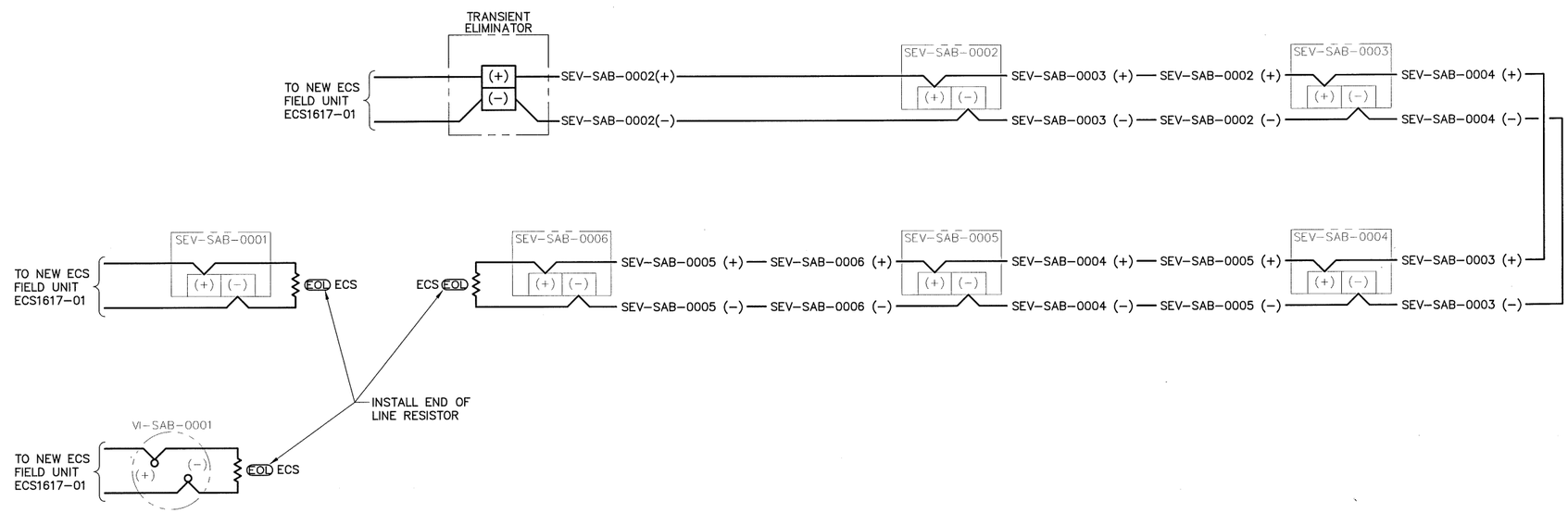
SIZE D DWG- REV

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1635	12	136

DRF NO. SHEET LSS-141

MADE FROM DRAWING 444698

File: LSS-141.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1617
Date: 03/18/08 - 3:44 PM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-140.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1617 ECS SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1617	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-142

File: LSS-142.dwg
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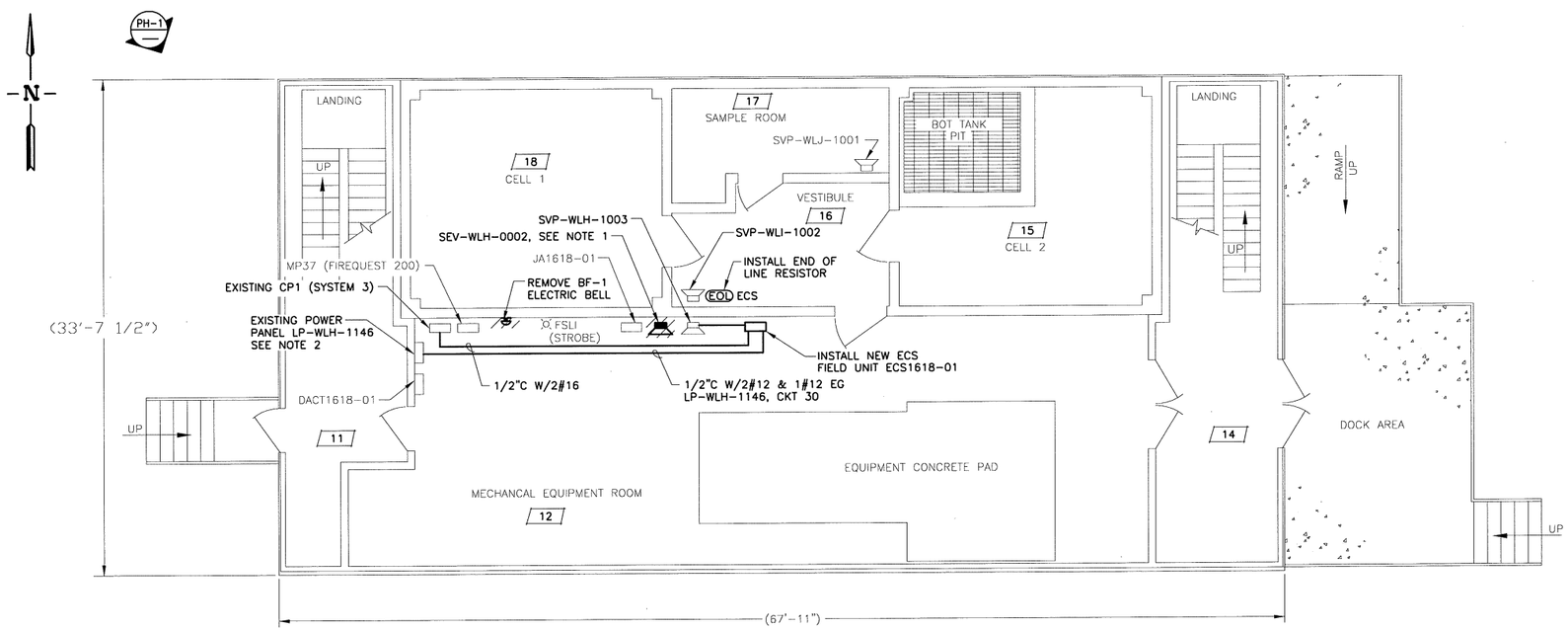
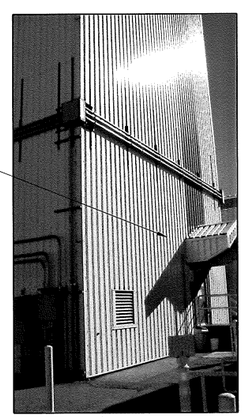
Date: 03/18/08 - 3:56 PM | Layout Name: Layout1
ID: PENCRT



CPP1618 FIRST FLOOR PLAN
SCALE:1/4"=1'-0"



INSTALL ANTENNA IN THIS GENERAL VICINITY SEE TYPICAL DETAIL ON SH LSS-4

PHOTO PH-1

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. REMOVE SEV SPEAKER AND CONDUCTORS BACK TO REMOTE AMP IN CPP-663 SEE SHEET LSS-81.
2. INSTALL A 1P, 20A, BREAKER AT SPACE 30 PANEL IS A GE A SERIES AQF3422ABX.

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1/4" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1618 FIRST FLOOR PLAN AND PHOTO

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CI	DRG
200	1618	12	136

SIZE D DWG- REV

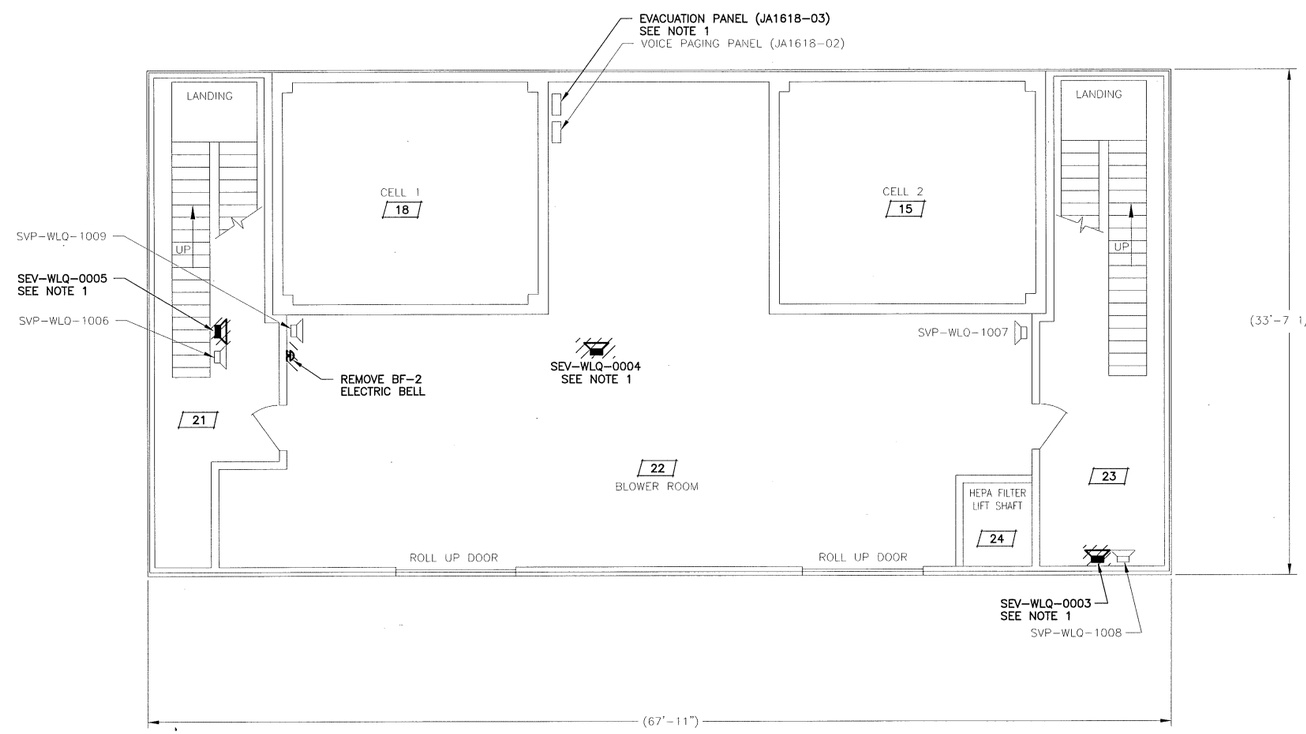
DRF NO. SHEET LSS-143

MADE FROM DWG 439279

File: LSS-143.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1618
Date: 03/19/08 - 7:53 AM | Layout Name: Layout1
ID: PENCRT

FMT-DV-REV 3.1

FMT-DV-REV 3.1



CPP-1618 SECOND FLOOR PLAN

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. REMOVE SEV SPEAKER AND CONDUCTORS BACK TO REMOTE AMP IN CPP-663 SEE SHEET LSS-81.

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1/4" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	1/4"=1'-0"
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL BECHTEL BWXT IDAHO, LLC

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1618 SECOND FLOOR PLAN

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX COORD NUMBER			
AREA	TYPE	CL	ORIG
200	1618	12	136

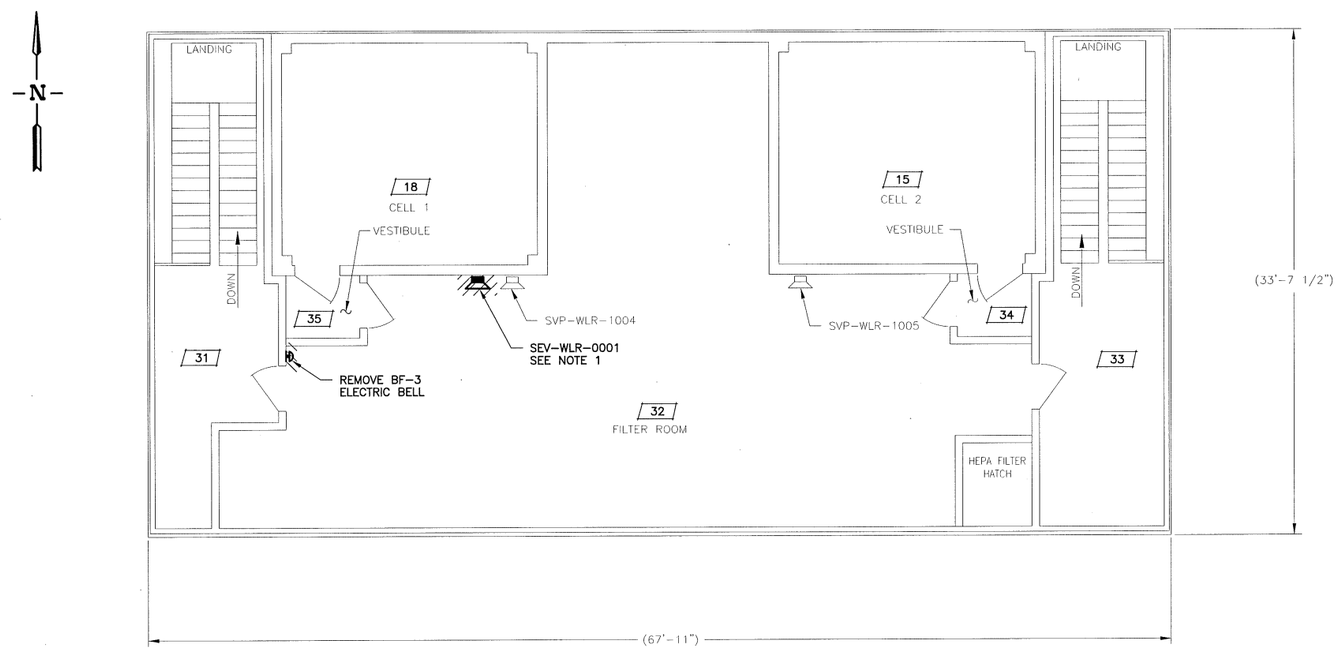
SIZE D DWG- REV

DRF NO. SHEET LSS-144

1. MADE FROM DWG 439279 SHEET 2

File: LSS-144.dwg Path: K:\INTEC Emergency Comm. System\Controlled DWGS\TITLE II DWGS\CPP-1618 Date: 03/19/08 - 7:10 AM Layout Name: Sheet 1 ID: PENCRT

FMT-DV-REV 3.1



CPP-1618 THIRD FLOOR PLAN

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. REMOVE SEV SPEAKER AND CONDUCTORS BACK TO REMOTE AMP IN CPP-663 SEE SHEET LSS-81.

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1/4" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	1/4"=1'-0"
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1618 THIRD FLOOR PLAN

PROJECT NUMBER: 26372

EFFECTIVE DATE:

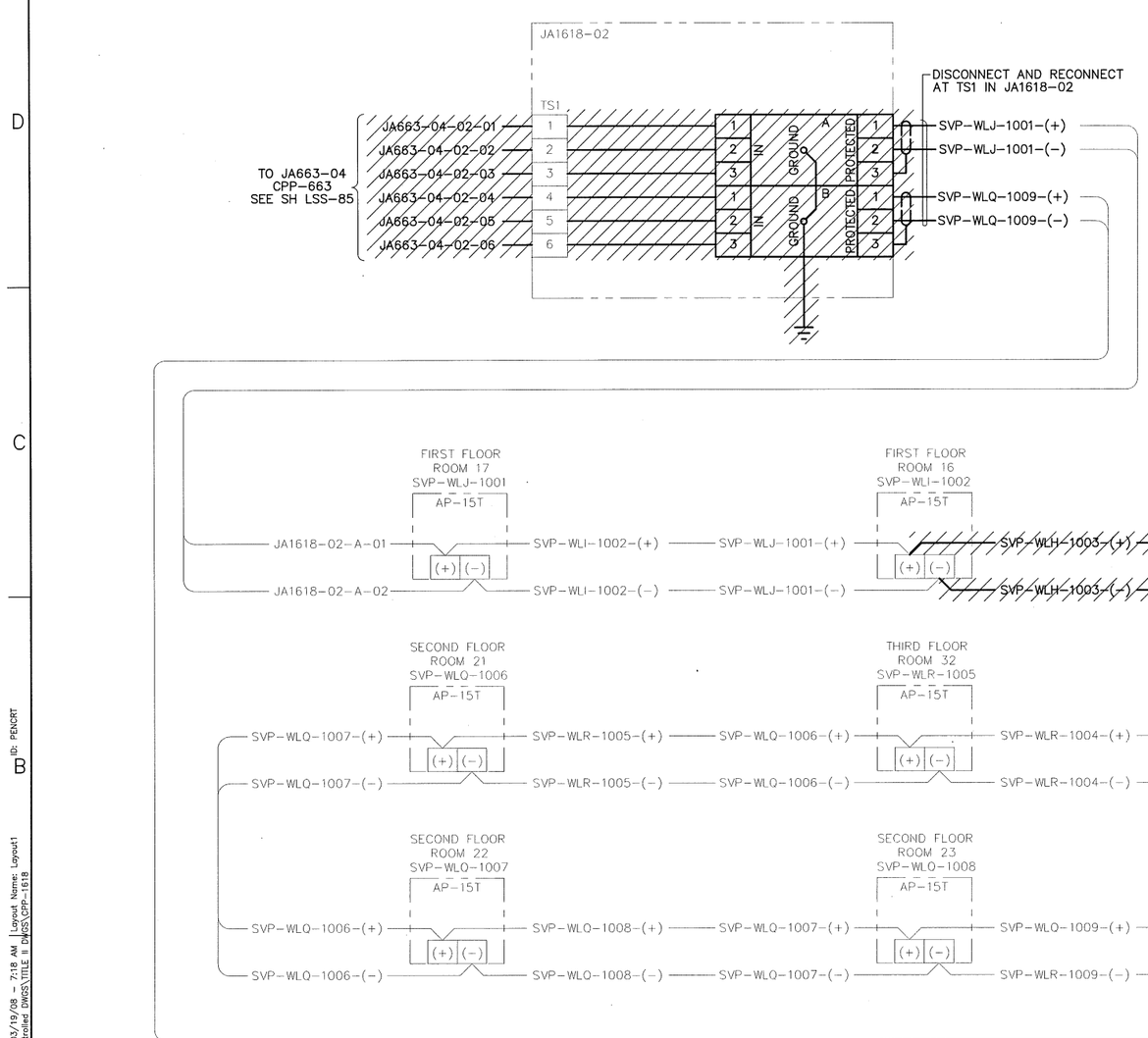
INDEX CODE NUMBER			
AREA	TYPE	CL	DRG
200	1618	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-145

MADE FROM DWG 439279 SHEET 3

File: LSS-145.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1618
Date: 03/19/08 - 7:11 AM | Layout Name: Sheet 1 | ID: PENCRT



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES
1. FOR EQUIPMENT LOCATION SEE SHEETS LSS-143, LSS-144 AND LSS-145.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1618 VOICE PAGING SPEAKER WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1618	12	138

SIZE D DWG- REV
DRF NO. SHEET LSS-146

MADE FROM DRAWINGS

File: LSS-146.dwg
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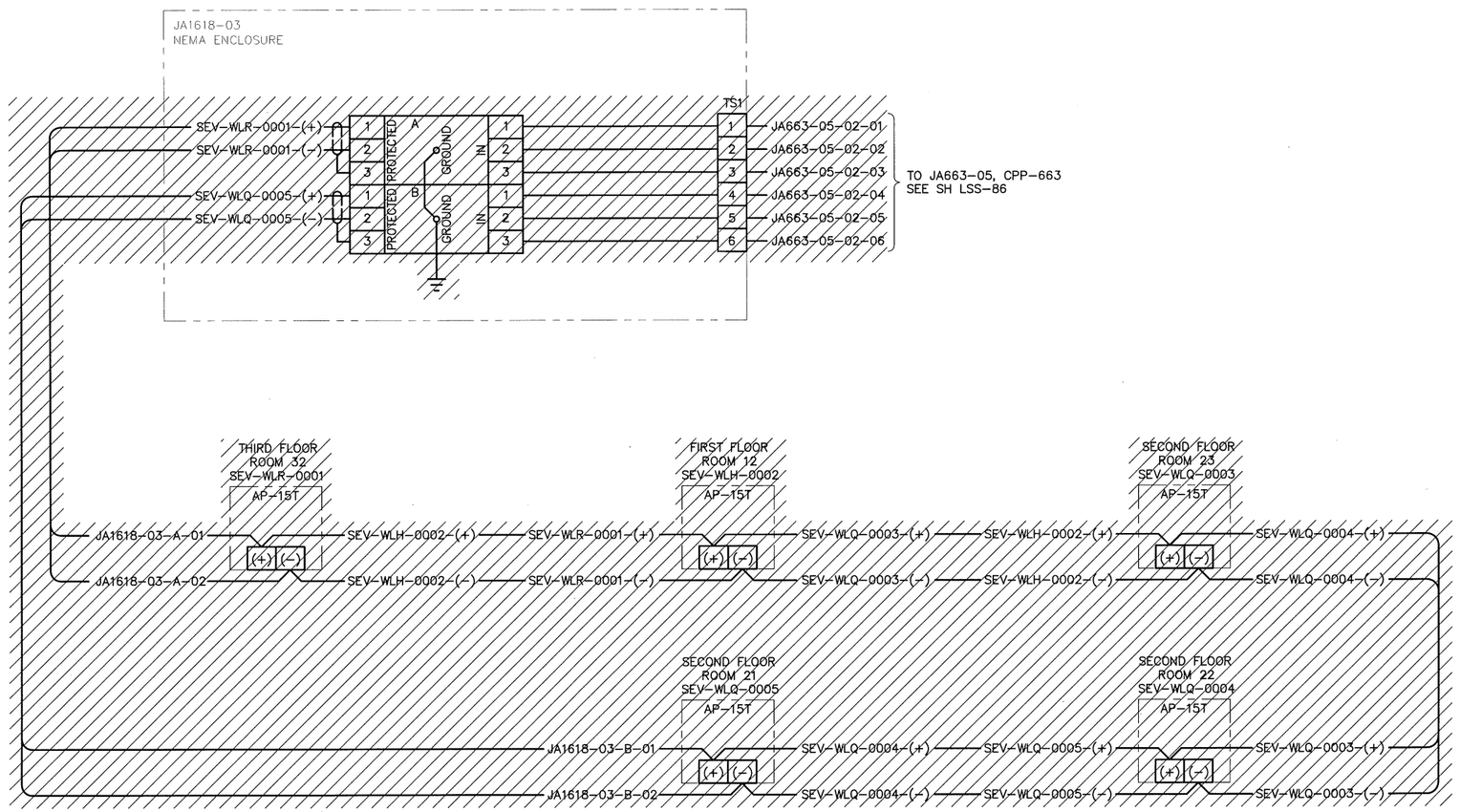
Date: 03/19/08 - 7:18 AM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-143, LSS-144 AND LSS-145.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1618 EVACUATION SPEAKER WIRING DIAGRAM

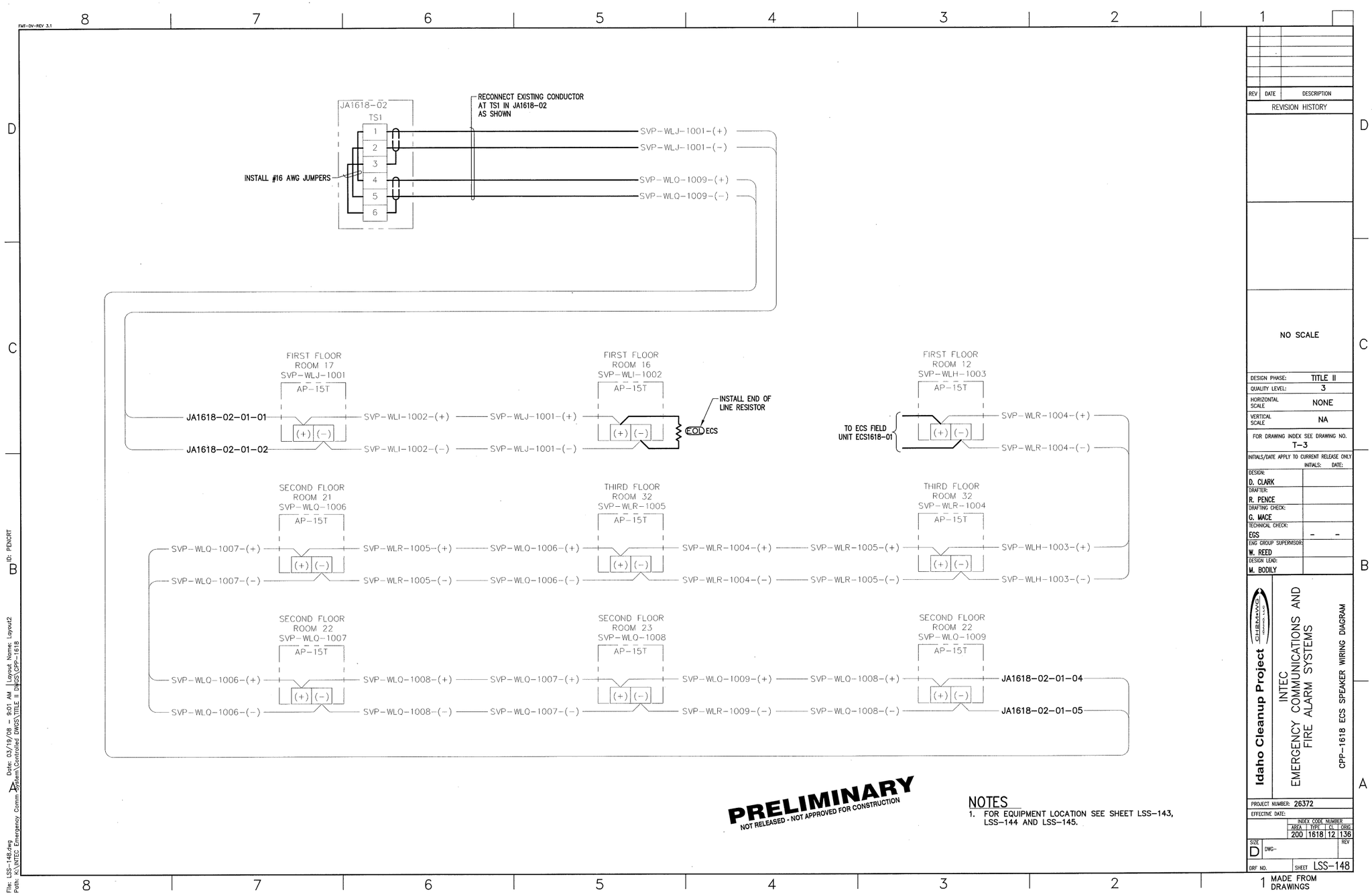
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	1618	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-147

MADE FROM DRAWINGS

File: LSS-147.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1618
Date: 03/19/08 - 7:20 AM | Layout Name: Layout3
ID: PENCRT



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-143, LSS-144 AND LSS-145.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1618 ECS SPEAKER WIRING DIAGRAM

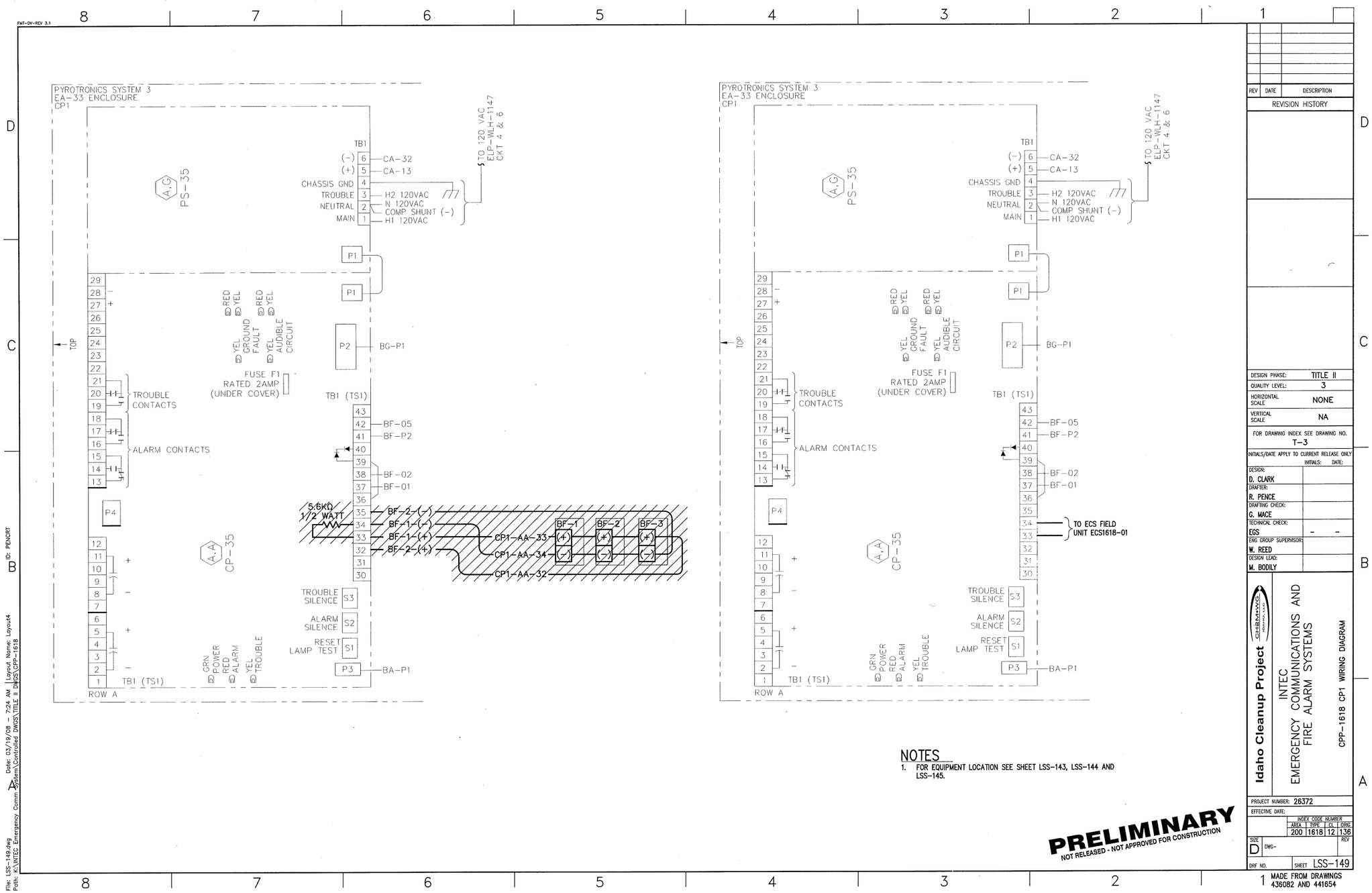
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1618	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-148
MADE FROM DRAWINGS

File: LSS-148.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1618
Date: 03/19/08 - 9:01 AM | Layout Name: Layout2
ID: PENCRT

FMT-DV-REV 3.1



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-143, LSS-144 AND LSS-145.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1618 CP1 WIRING DIAGRAM

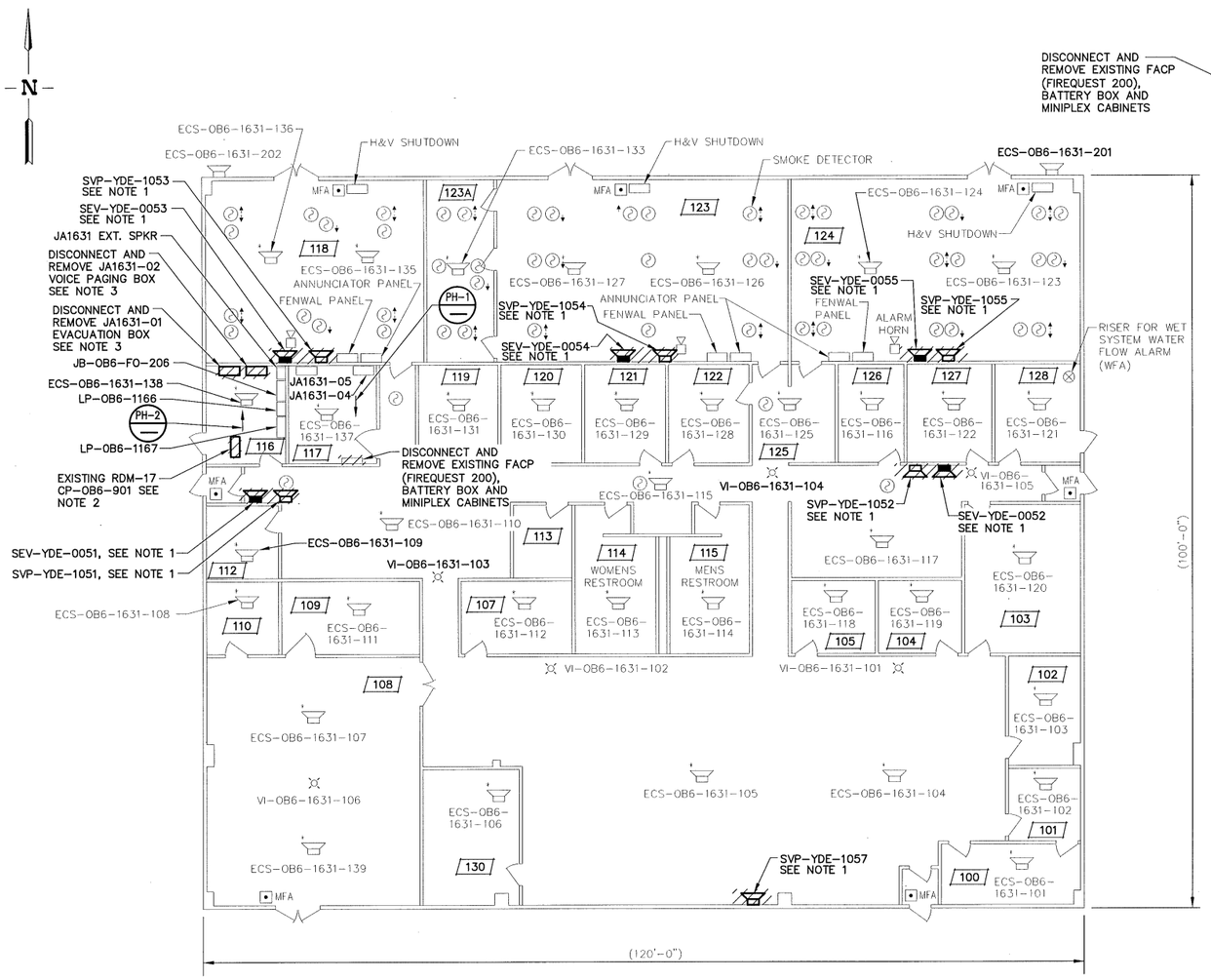
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DRWG
200	1618	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-149

MADE FROM DRAWINGS 436082 AND 441654

File: LSS-149.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1618
Date: 03/19/08 - 7:24 AM | Layout Name: Layout4
ID: PENCRT



CPP-1631 FLOOR PLAN
SCALE: 1/8"=1'-0"

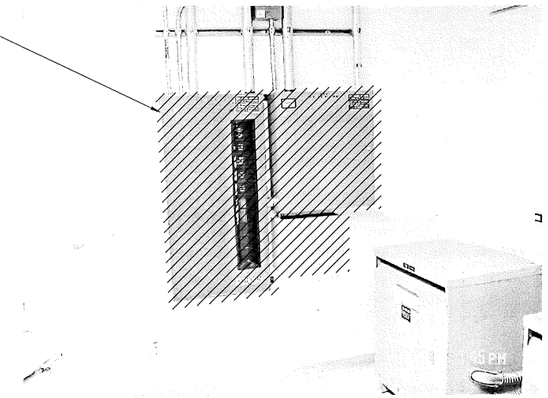


PHOTO PH-1

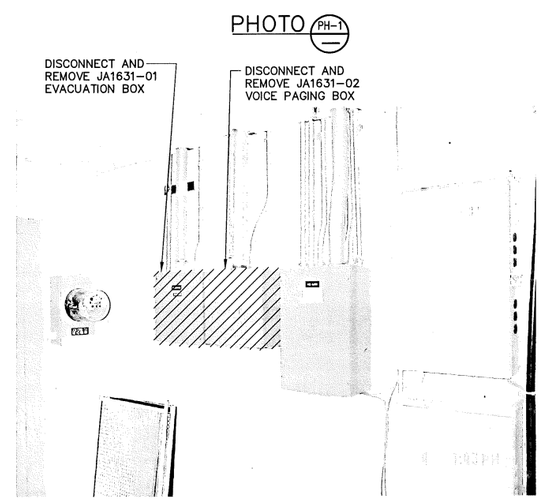


PHOTO PH-2

NOTES

1. REMOVE SEV AND SVP SPEAKERS AND CONDUCTORS BACK TO JA1631-01 AND JA1631-02.
2. REMOVE RDM-17 AND ASSOCIATED CONDUIT TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE BACK TO JB-OB6-FO-206. REMOVE POWER CONDUCTORS BACK TO LP-OB6-1166, CKT 39.
3. REMOVE JA1631-01, EVACUATION BOX AND JA1631-02 VOICE PAGING BOX.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

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

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1631 FLOOR PLAN AND PHOTOS

PROJECT NUMBER: 26372

EFFECTIVE DATE:

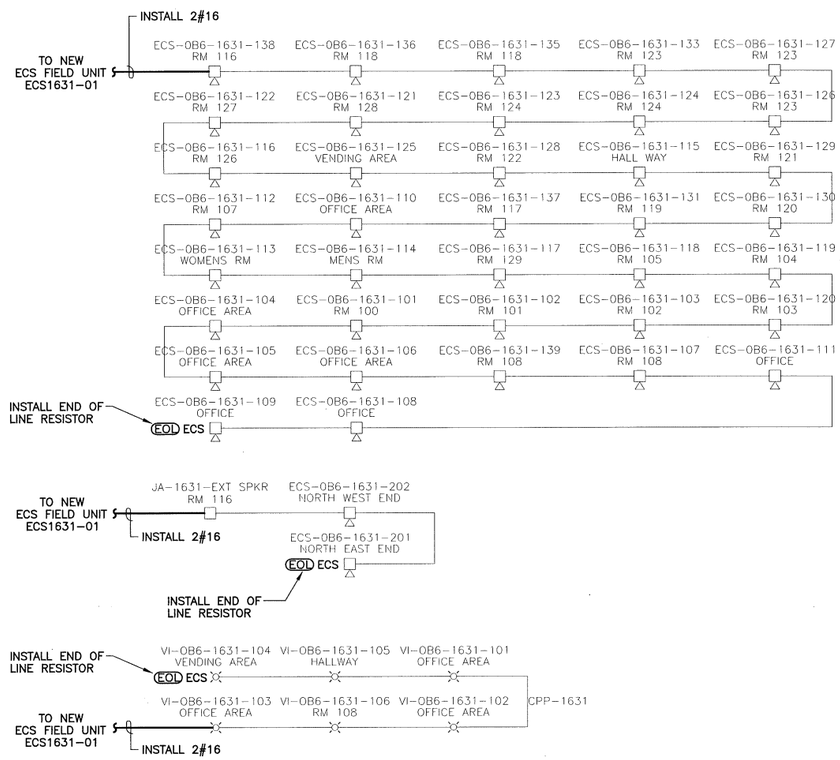
INDEX CODE NUMBER			
AREA	TYPE	CL	ORDG
200	1631	12	136

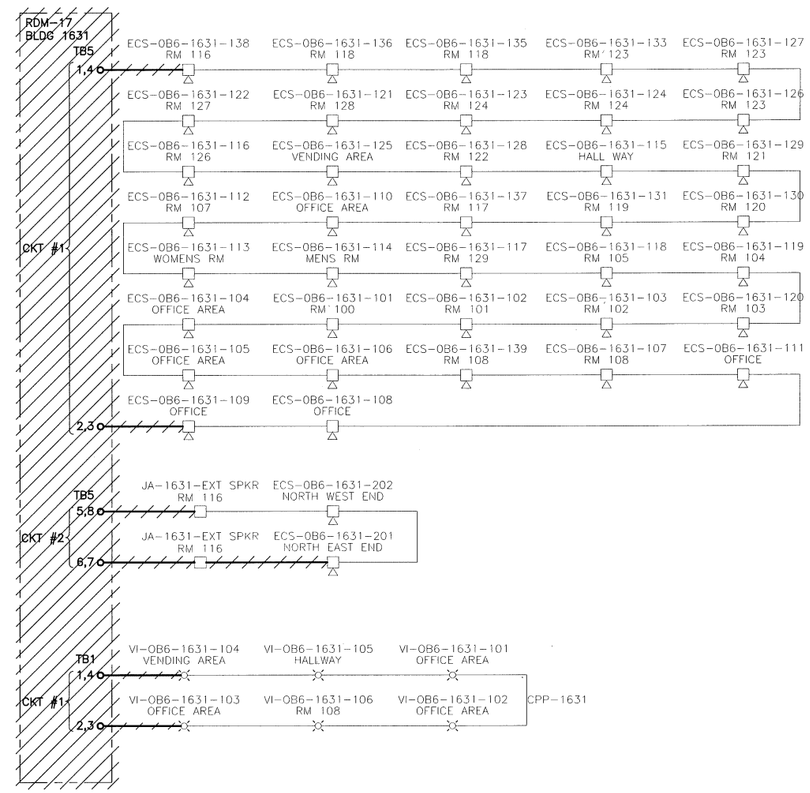
SIZE D DWG- REV

DRF NO. SHEET LSS-150

LSS-7450 1 MADE FROM DWG 427731

File: LSS-150.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1631
Date: 03/19/08 - 7:56 AM | Layout Name: Demo
ID: PENCRT





NOTES

1. FOR EQUIPMENT LOCATION SEE SHEETS LSS-150 AND LSS-155.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1631 SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

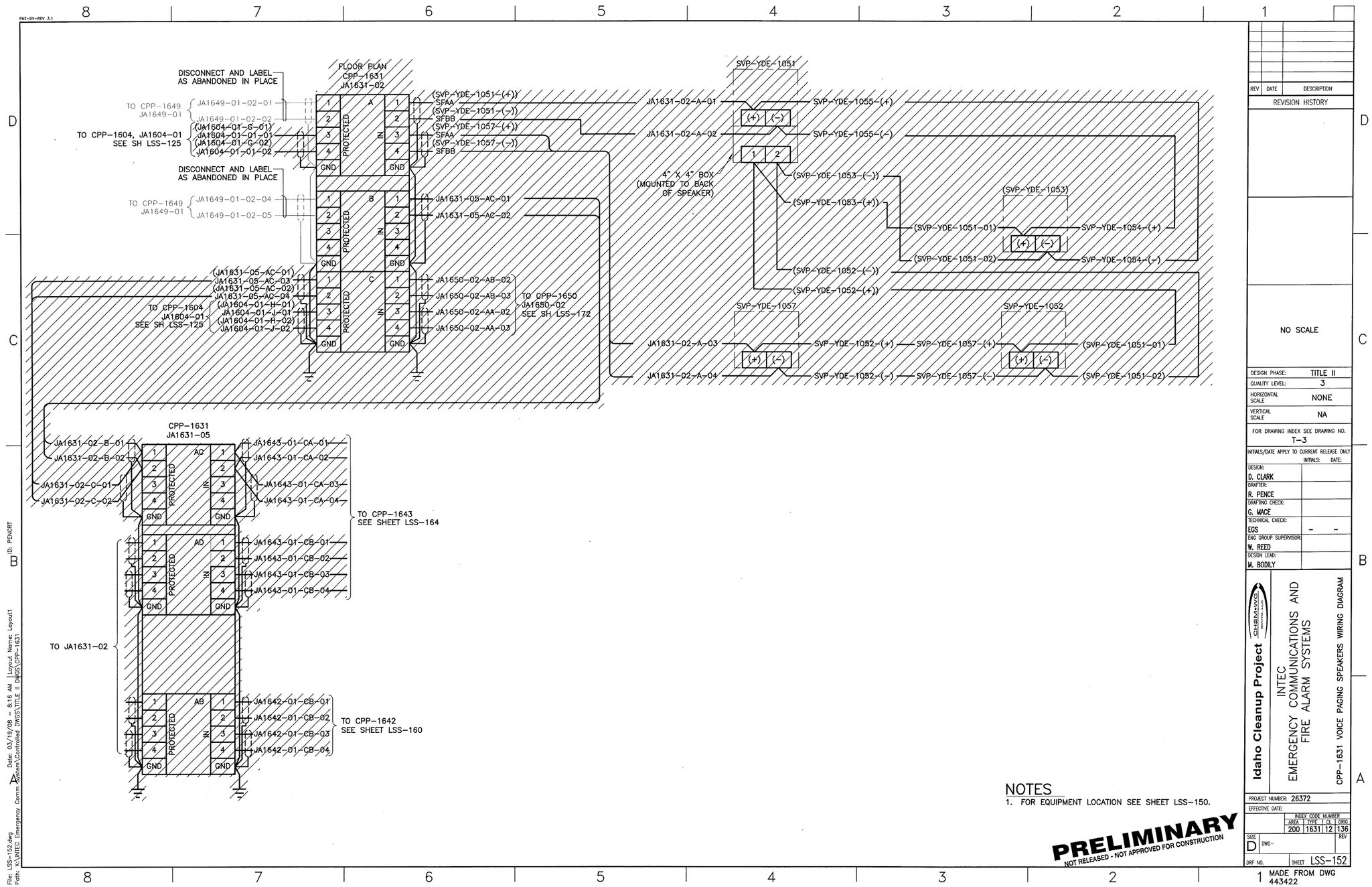
INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1631	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-151

LSS-7380 1 MADE FROM DWG 180206

FMT-DV-REV 3.1

File: LSS-151.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1631
Date: 03/19/08 - 8:04 AM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-150.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1631 VOICE PAGING SPEAKERS WIRING DIAGRAM

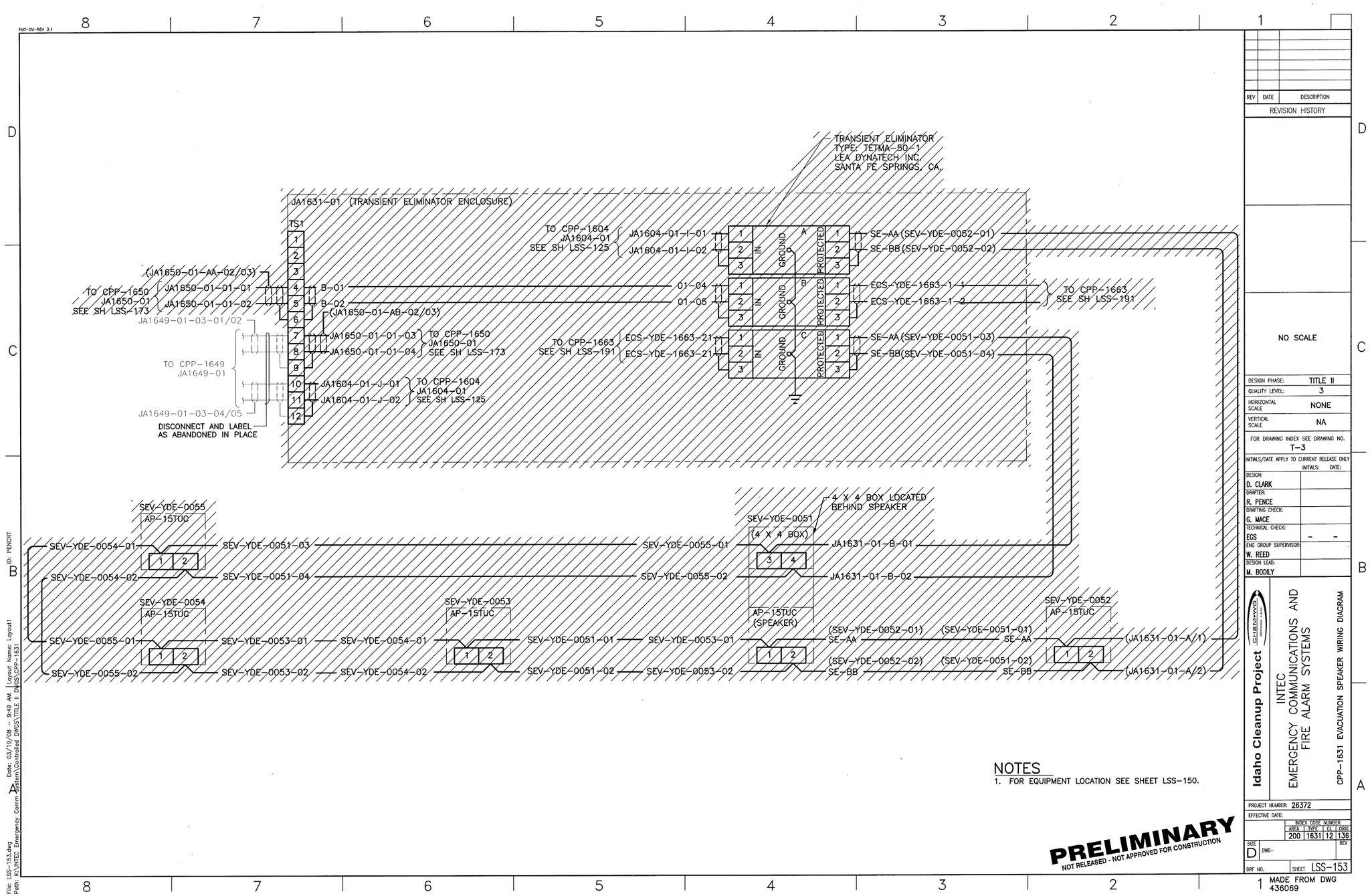
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1631	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-152

MADE FROM DWG 443422

File: LSS-152.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1631
Date: 03/19/08 - 8:16 AM | Layout Name: Layout1
D: PENCRT



NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-150.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1631 EVACUATION SPEAKER WIRING DIAGRAM

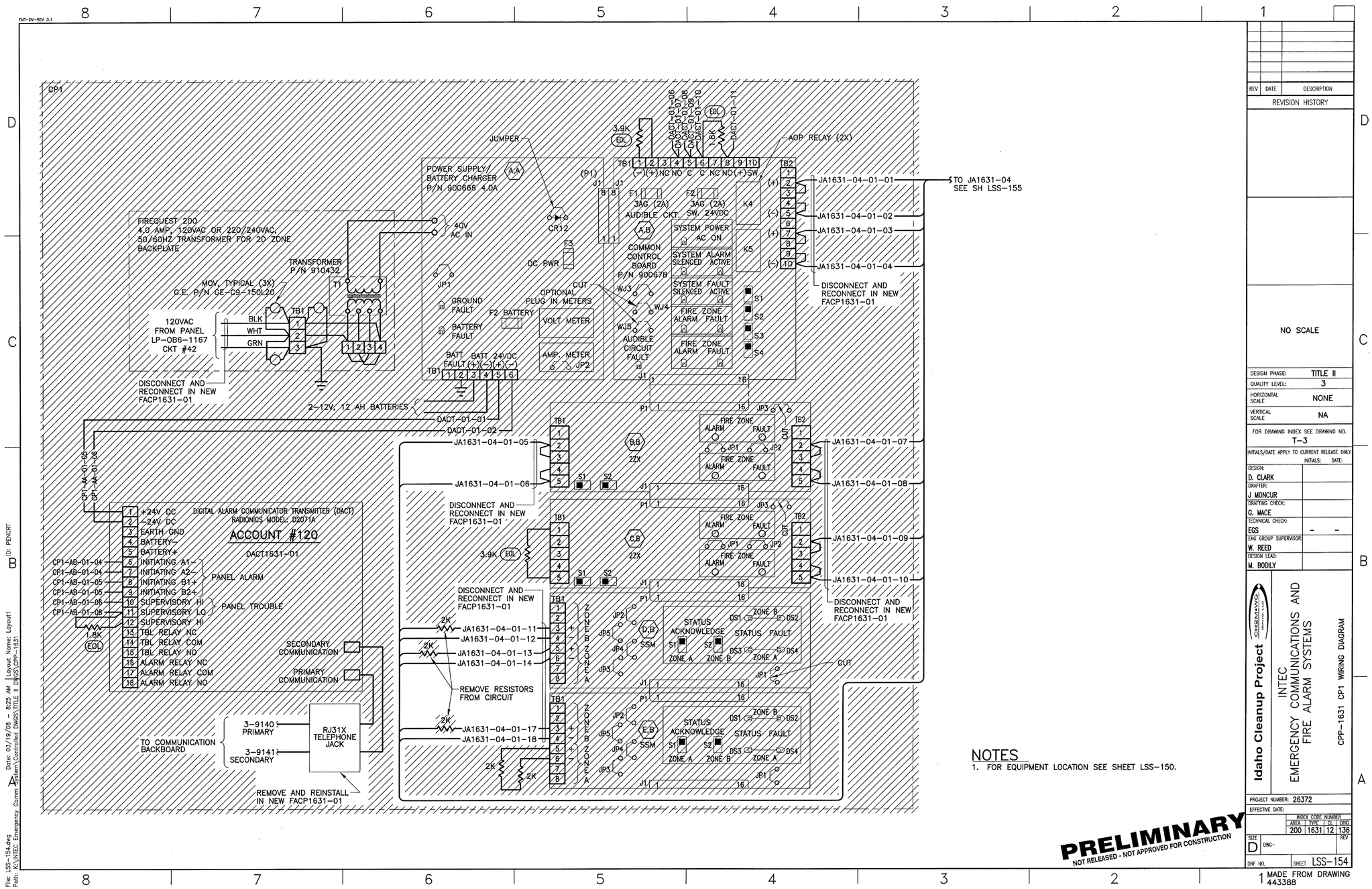
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1631	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-153

MADE FROM DWG 436069

File: LSS-153.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1631
Date: 03/19/08 - 9:49 AM | Layout Name: Layout1
ID: PENCRT



NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-150.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1631 CP1 WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

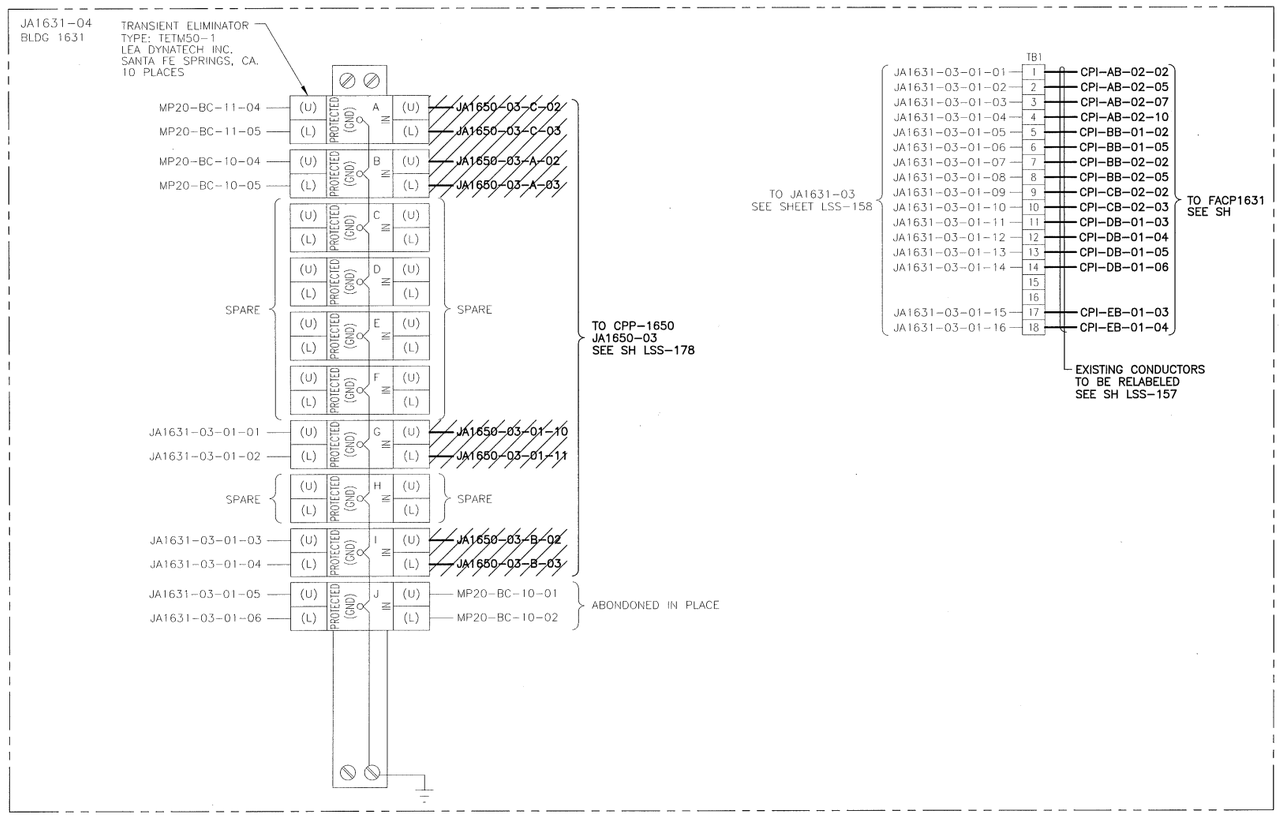
INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG.
200	1631	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-154

MADE FROM DRAWING 443388

File: LSS-154.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1631
Date: 03/19/08 - 8:25 AM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-150.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1631 JA1631-04 WIRING DIAGRAM

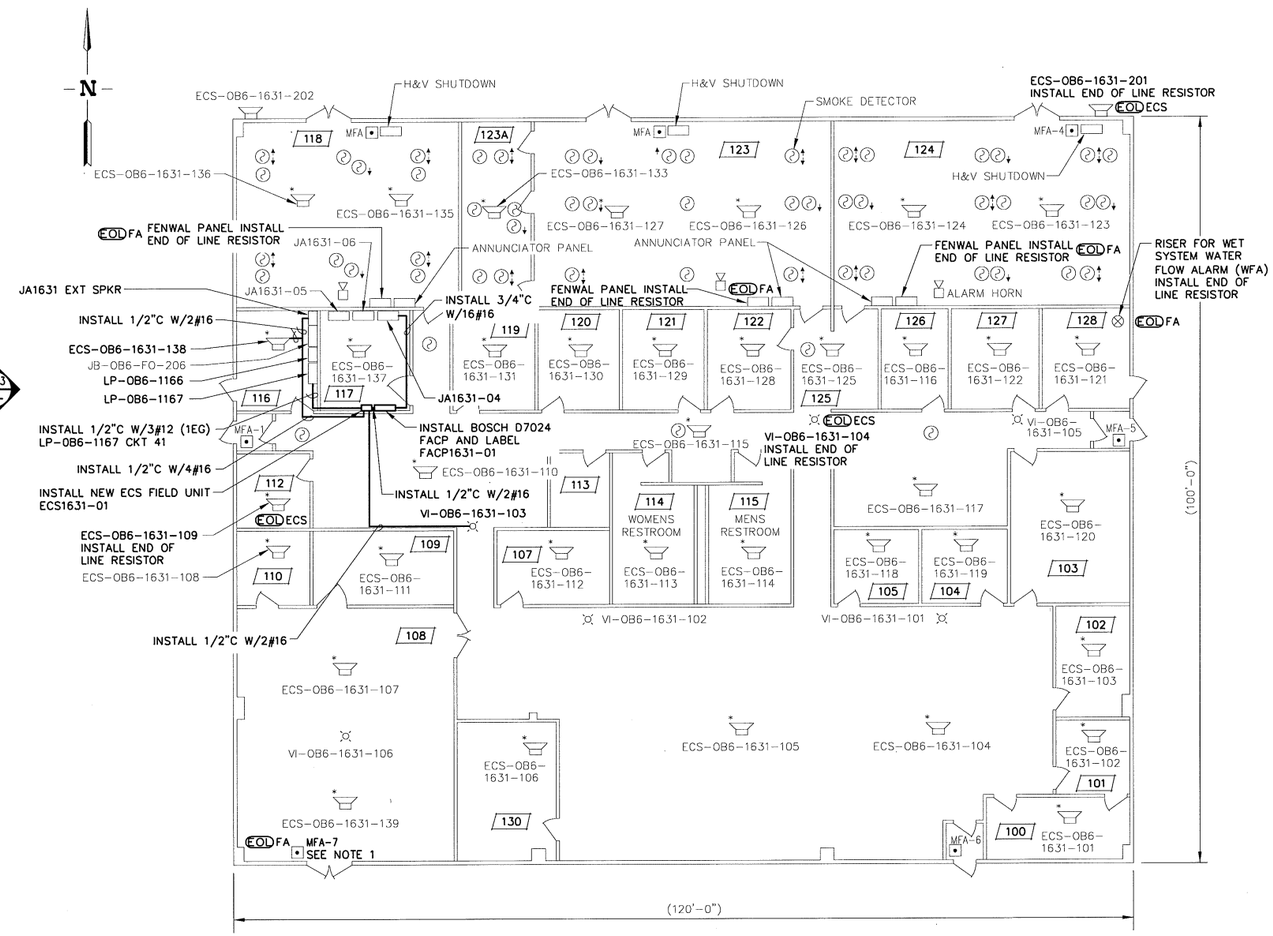
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1631	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-155

1 MADE FROM DRAWING 625791

File: LSS-155.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1631
Date: 03/19/08 - 9:26 AM | Layout Name: Layout1
ID: PENCRT



CPP-1631 FLOOR PLAN
SCALE: 1/8"=1'-0"

PHOTO PH-3

NOTES

1. FIELD VERIFY THAT THIS IS THE LAST MFA IN THE CIRCUIT.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1631 FLOOR PLAN AND PHOTO

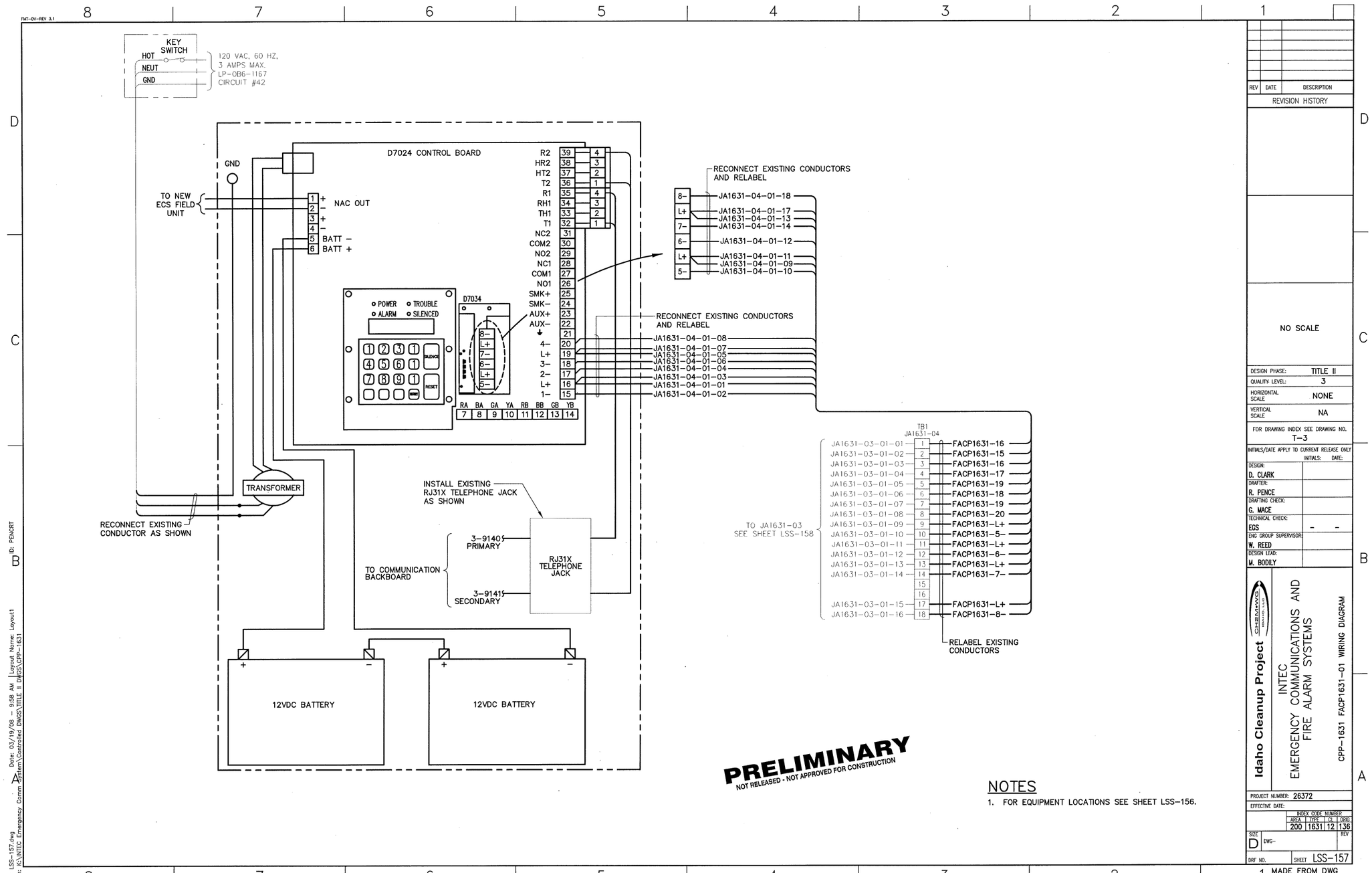
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1631	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-156

LSS-7450 1 MADE FROM DWG 427731

File: LSS-156.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1631
Date: 03/25/08 - 9:50 AM | Layout Name: Install
ID: MKJ



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. FOR EQUIPMENT LOCATIONS SEE SHEET LSS–156.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T–3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	–	–
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP–1631 FACP1631–01 WIRING DIAGRAM

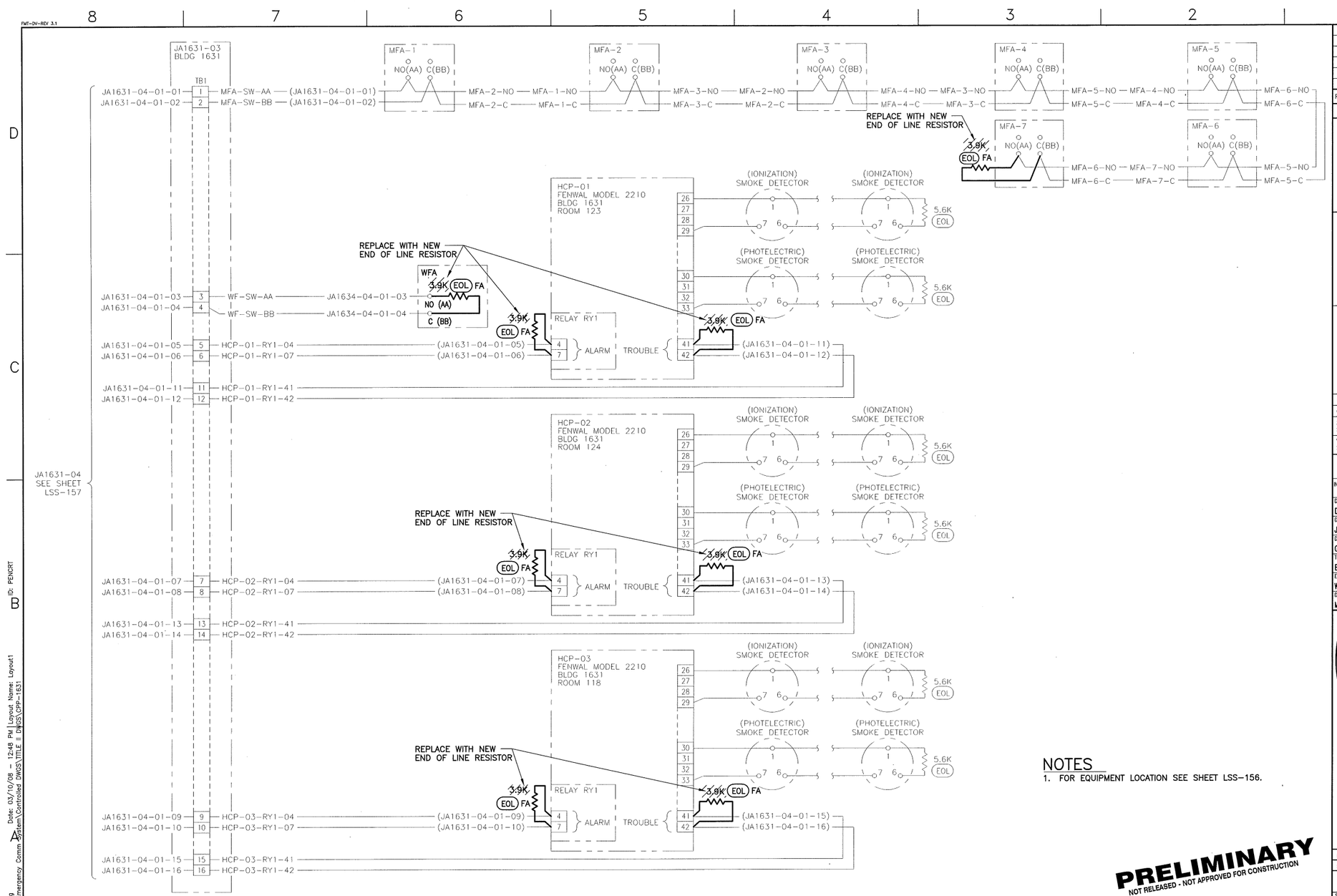
PROJECT NUMBER: 26372
EFFECTIVE DATE:

AREA	TYPE	CL	DRG
200	1631	12	136

SIZE D DWG– REV
DRF NO. SHEET LSS–157

MADE FROM DWG

File: LSS-157.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1631
Date: 03/19/08 – 9:58 AM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-156.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1631 JA1631-03 WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

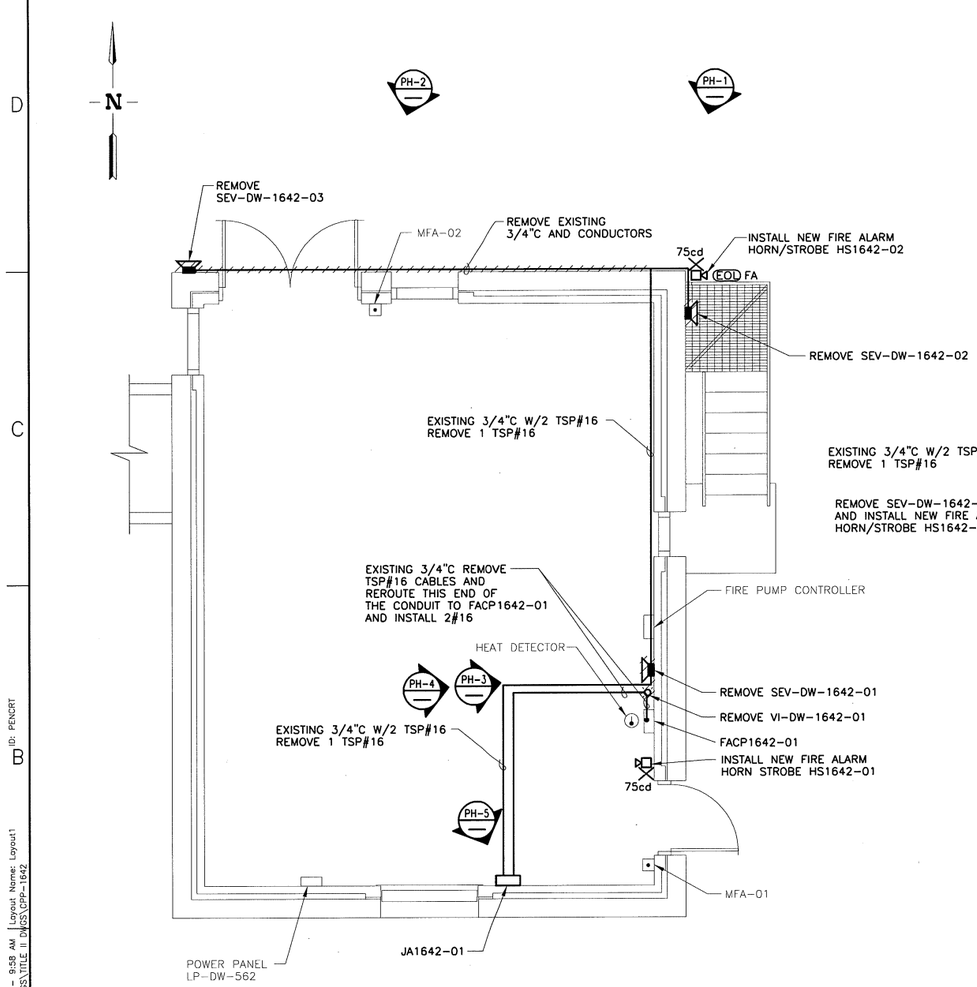
INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1631	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-158

MADE FROM DRAWING 44338802

File: LSS-158.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1631
Date: 03/10/08 - 12:48 PM | Layout Name: Layout1
ID: PENCRT



CPP-1642 FLOOR PLAN
SCALE 3/8"=1'-0"

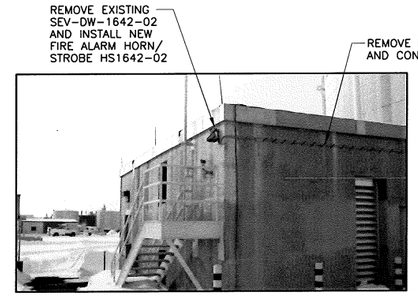


PHOTO PH-1

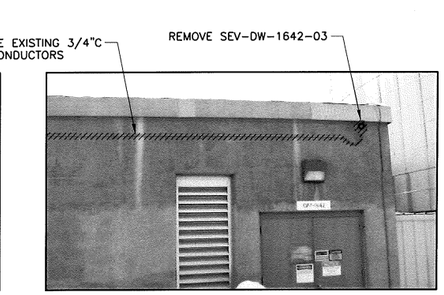


PHOTO PH-2

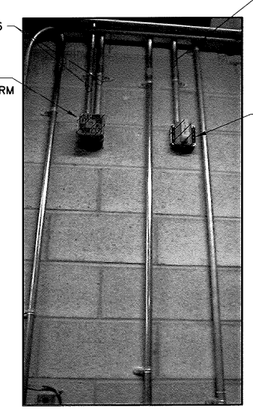


PHOTO PH-3

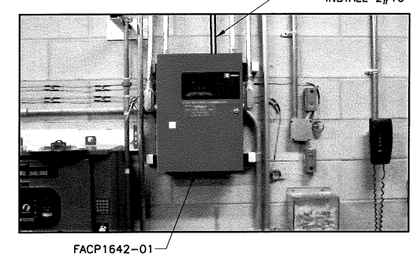


PHOTO PH-4

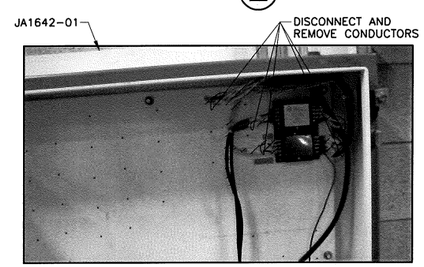


PHOTO PH-5

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/8" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS		
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

CH2M HILL
Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1642 FLOOR PLAN AND PHOTOS

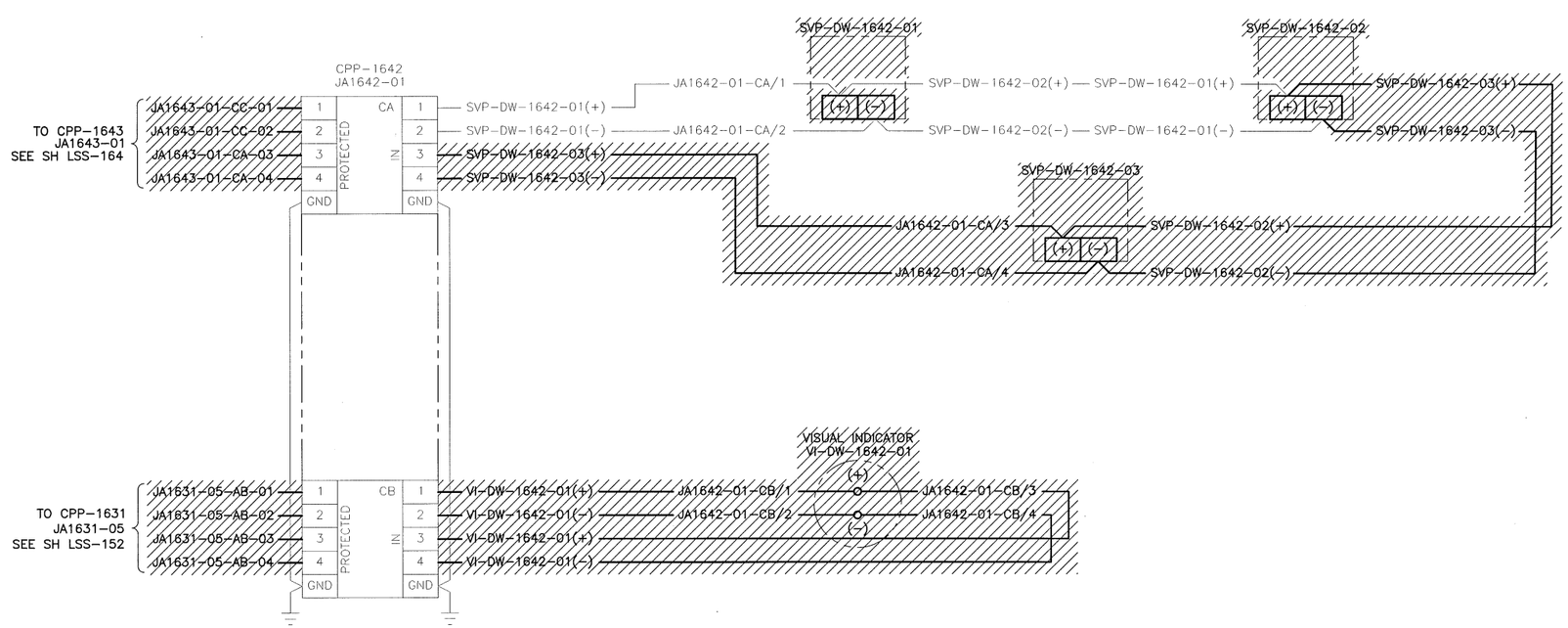
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	1642	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-159

MADE FROM DRAWING 443420

File: LSS-159.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1642
Date: 03/19/08 - 9:58 AM Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SH LSS-159.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS		
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1642 SPEAKER/STROBE WIRING DIAGRAM

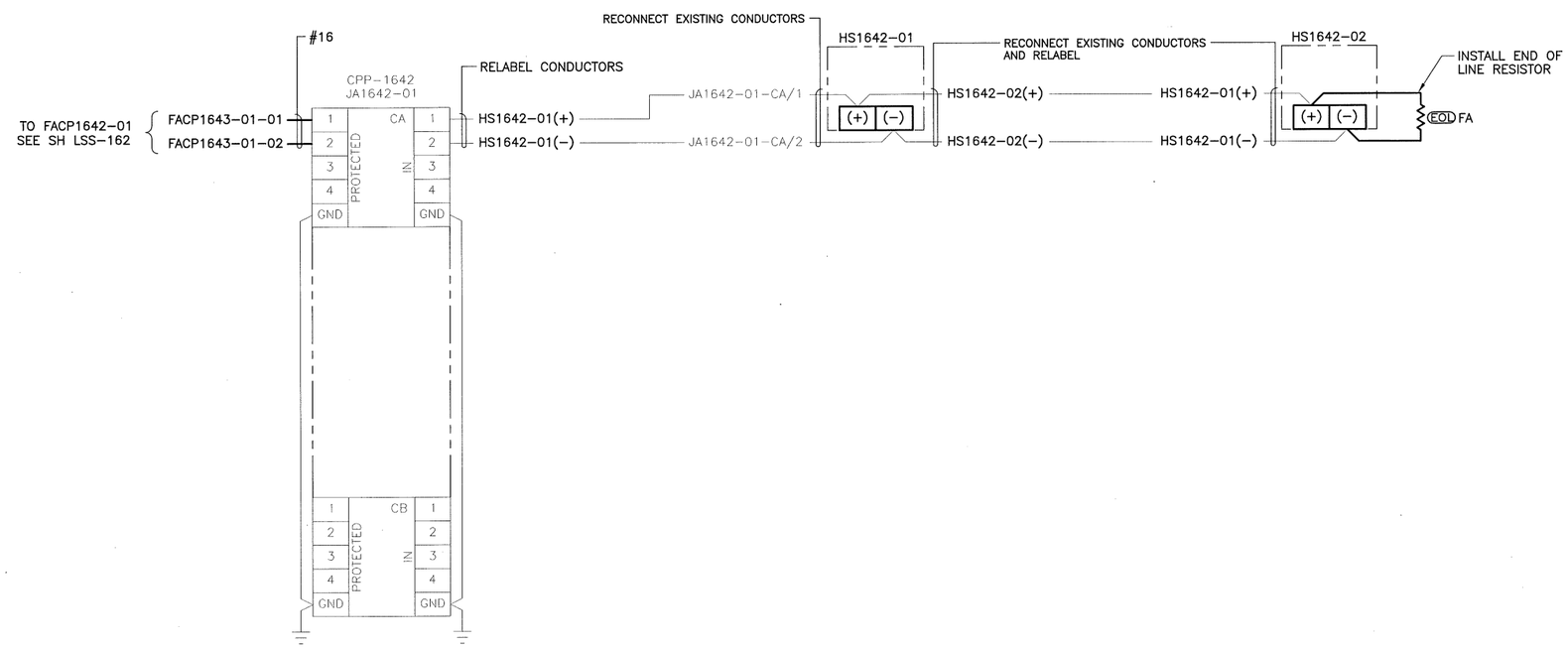
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	1642	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-160

1 MADE FROM DRAWING 443421

File: LSS-160.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1642
Date: 03/19/08 - 10:05 AM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SH LSS-159.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS		
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1642 HORN/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1642	12	136

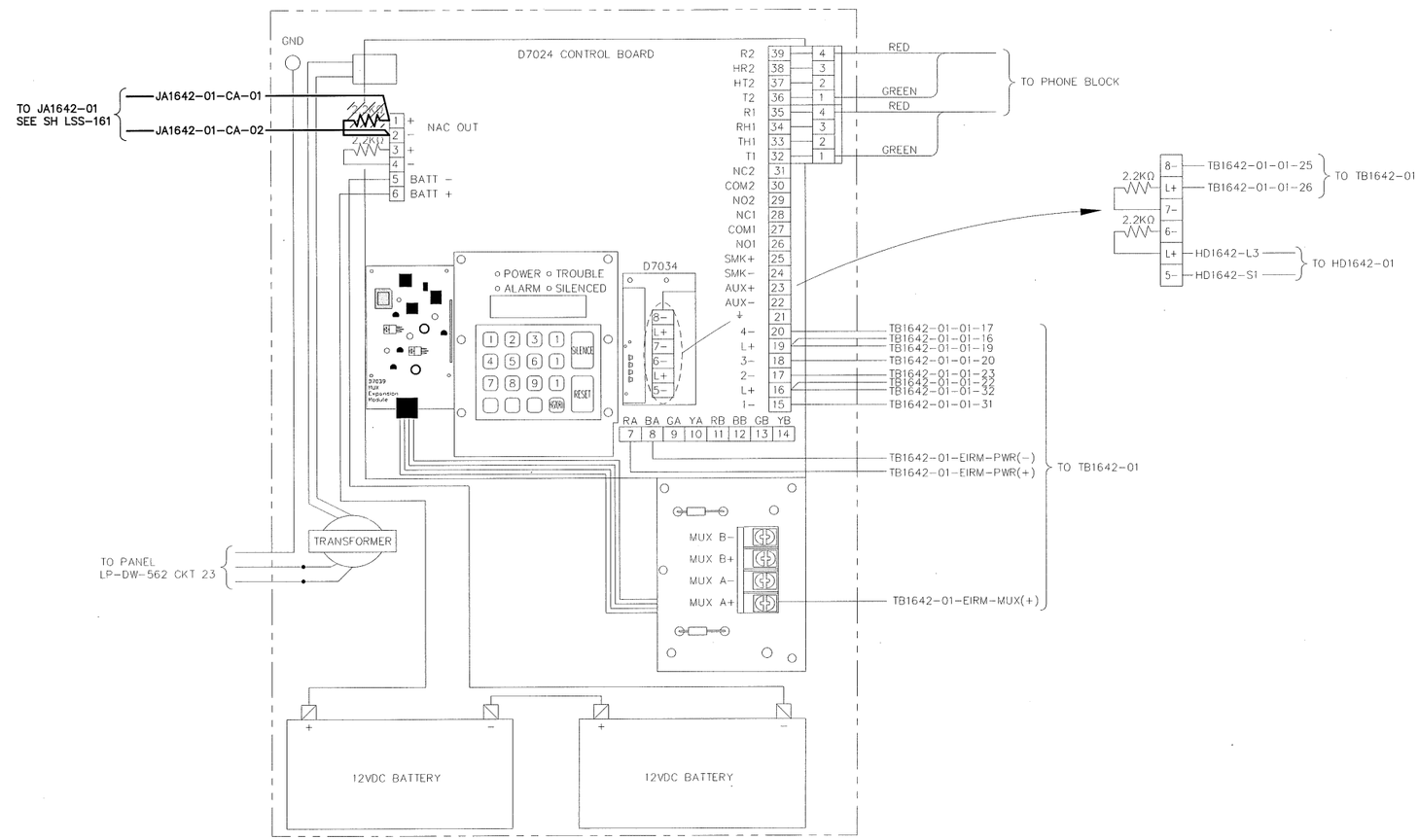
SIZE D DWG-- REV

DRF NO. SHEET LSS-161

MADE FROM DRAWING 443421

FMT-DV-REV 3.1

File: LSS-161.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1642
Date: 03/19/08 - 10:07 AM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SH LSS-159.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS		
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1642 FACP1642-01 WIRING DIAGRAM

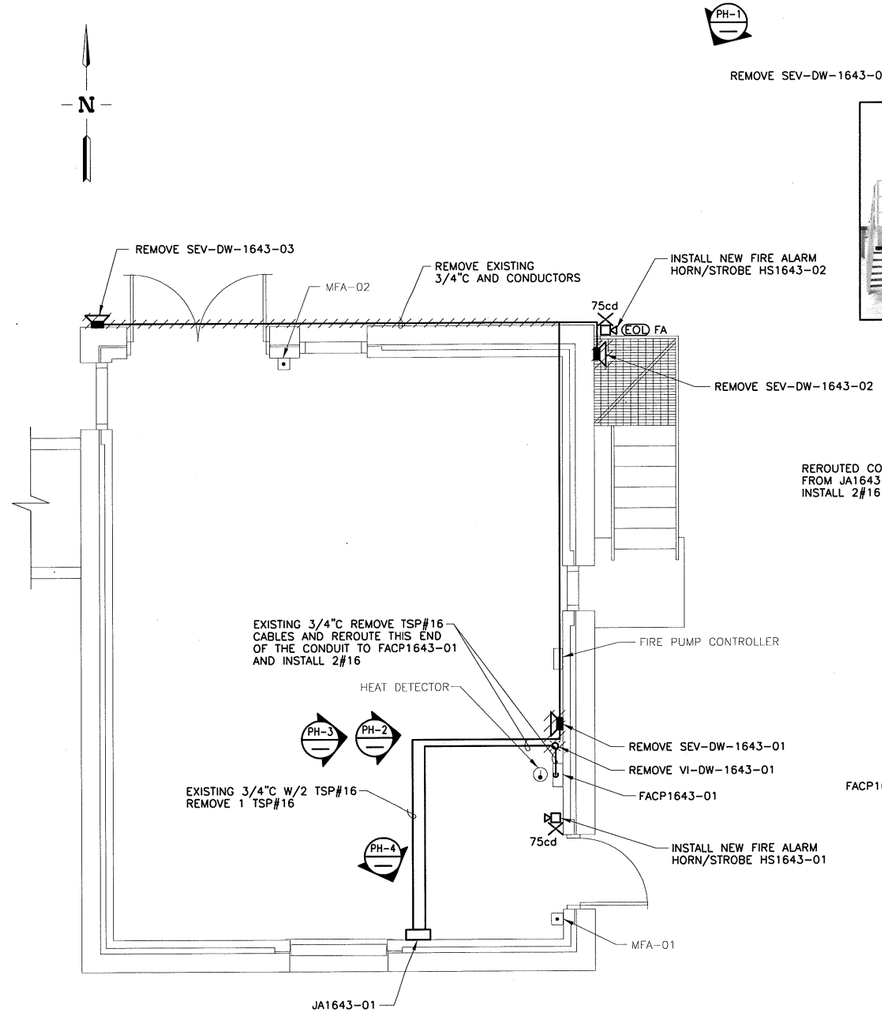
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1642	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-162

1 MADE FROM DRAWING 443421

File: LSS-162.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1642
Date: 03/19/08 - 10:10 AM | Layout Name: Layout1
ID: PENCRT



CPP-1643 FLOOR PLAN
SCALE 3/8"=1'-0"

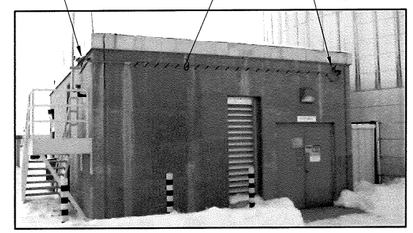


PHOTO PH-1

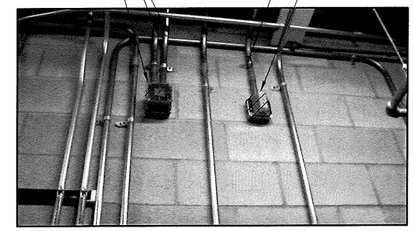


PHOTO PH-2

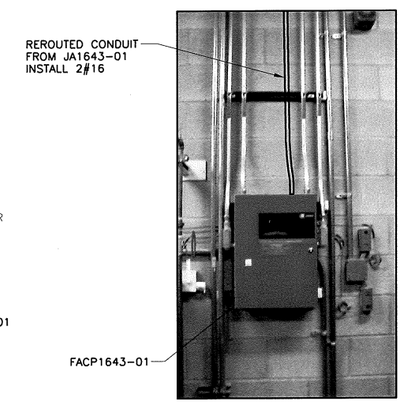


PHOTO PH-3

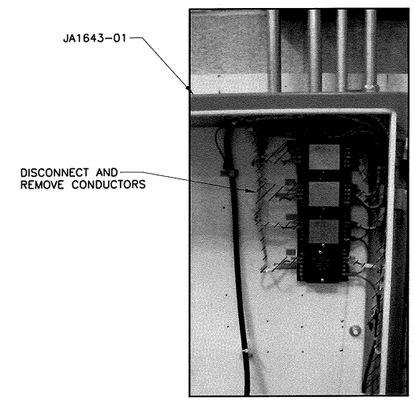


PHOTO PH-2

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/8" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1643 FLOOR PLAN AND PHOTOS

PROJECT NUMBER: 26372

EFFECTIVE DATE:

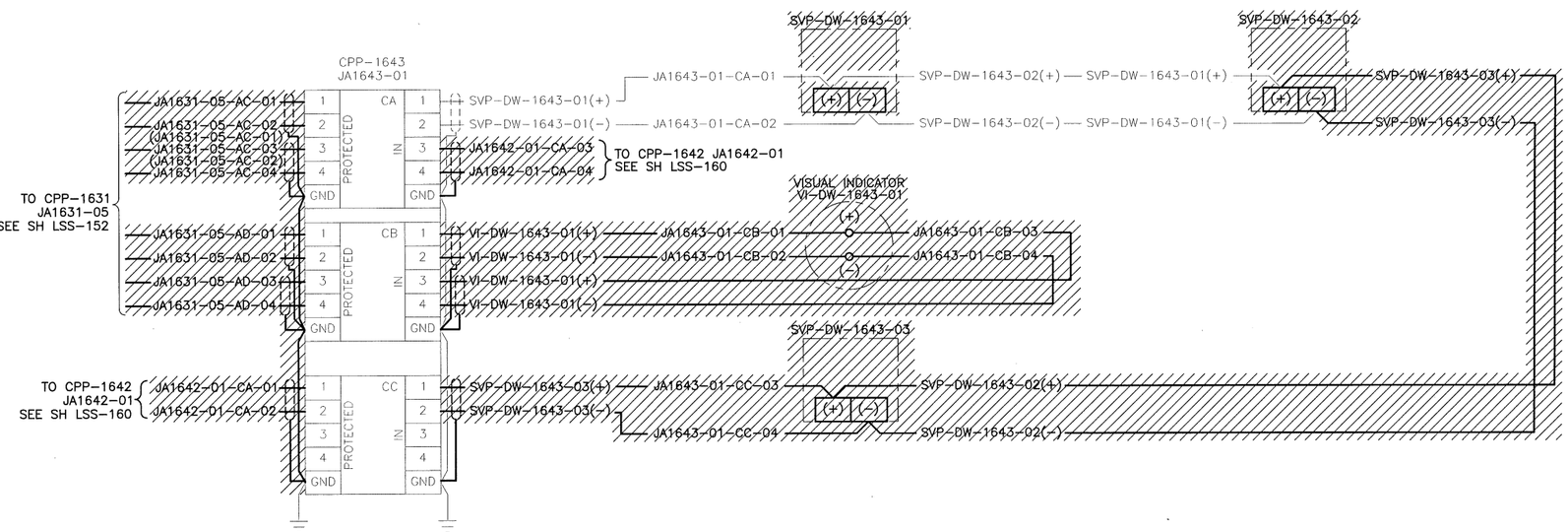
INDEX CODE NUMBER			
AREA	TYPE	CI	DRG
200	1643	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-163

MADE FROM DRAWING 522568 AND 522569

File: LSS-163.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1643
Date: 03/19/08 - 10:19 AM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SH LSS-163.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1643 SPEAKERS/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

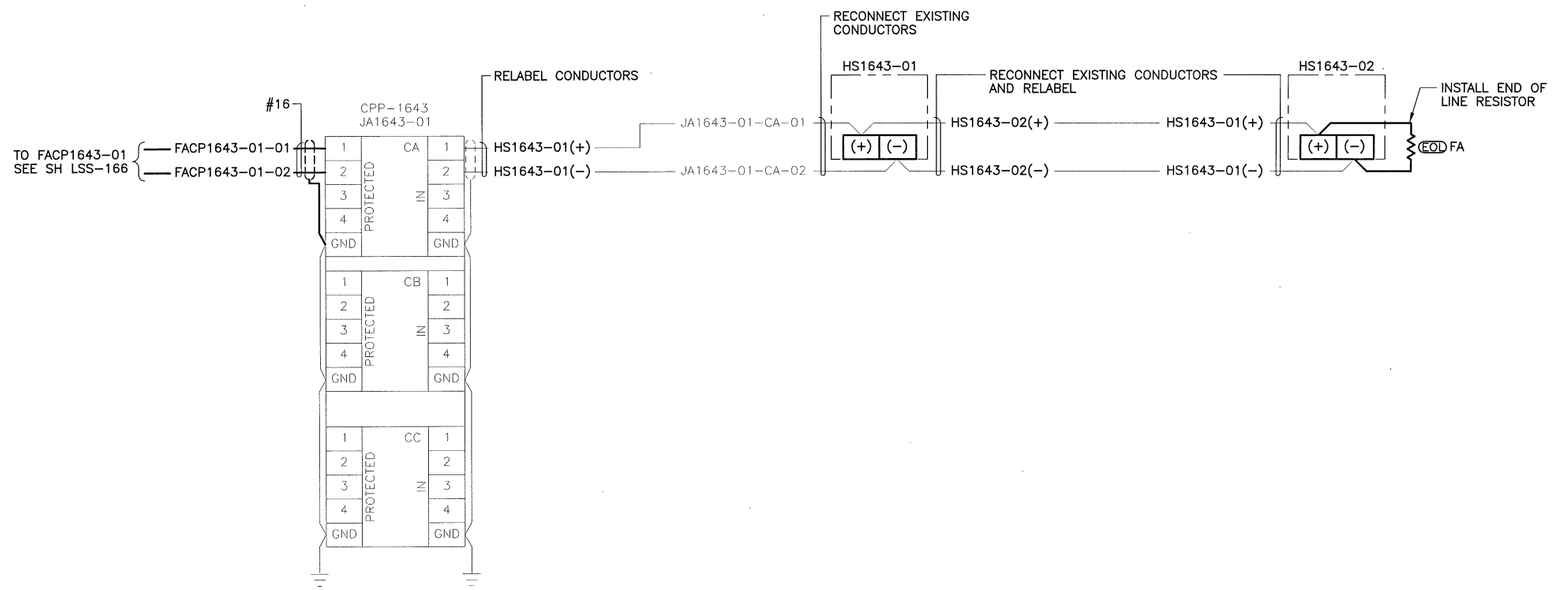
INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	1643	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-164

1 MADE FROM DRAWING 443422

File: LSS-164.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1643
Date: 03/19/08 - 10:21 AM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SH LSS-163.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1643 HORN/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

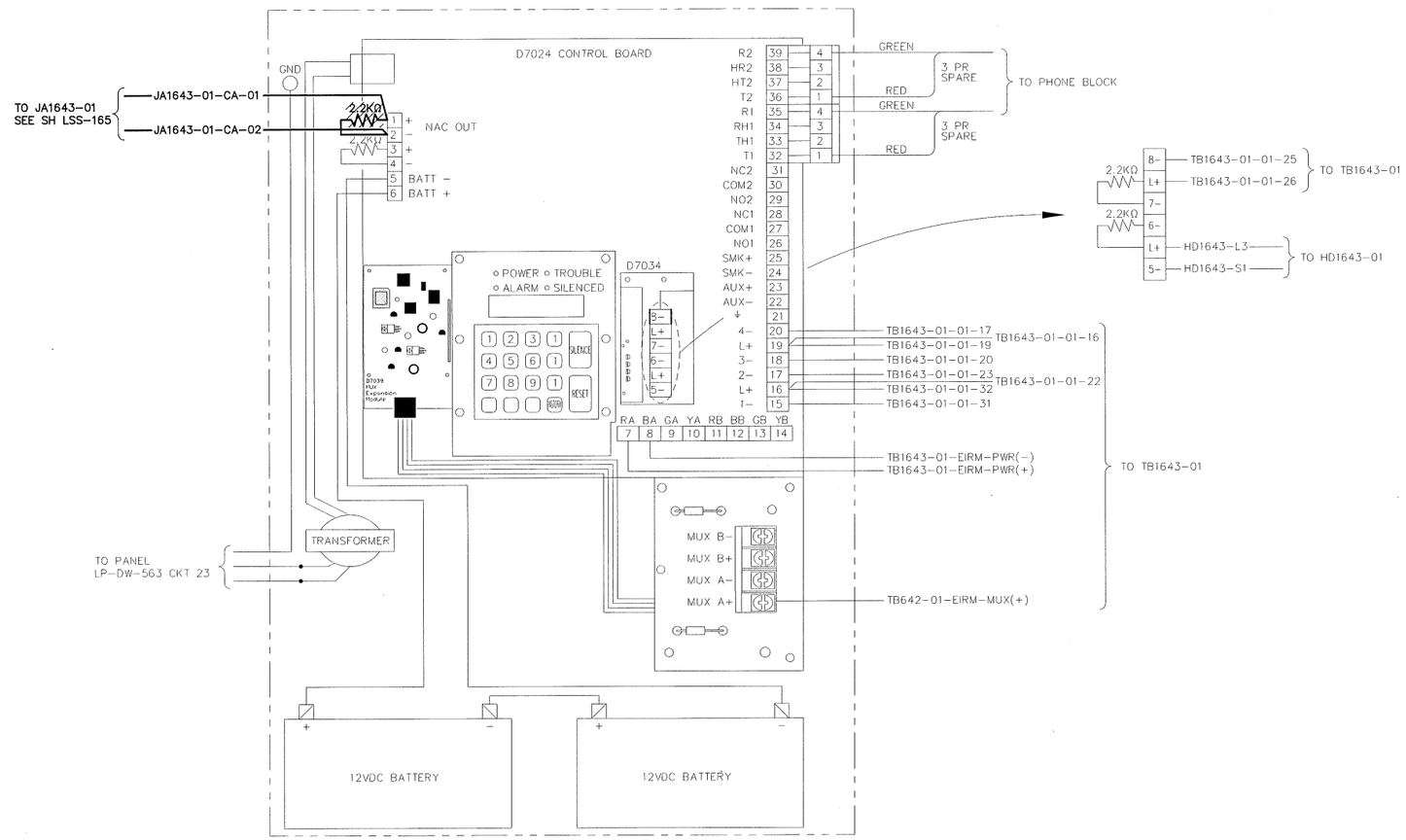
INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	1643	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-165

MADE FROM DRAWING 443422

File: LSS-165.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1643
Date: 03/19/08 - 10:22 AM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SH LSS-163.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1643 FACP1643-01 WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

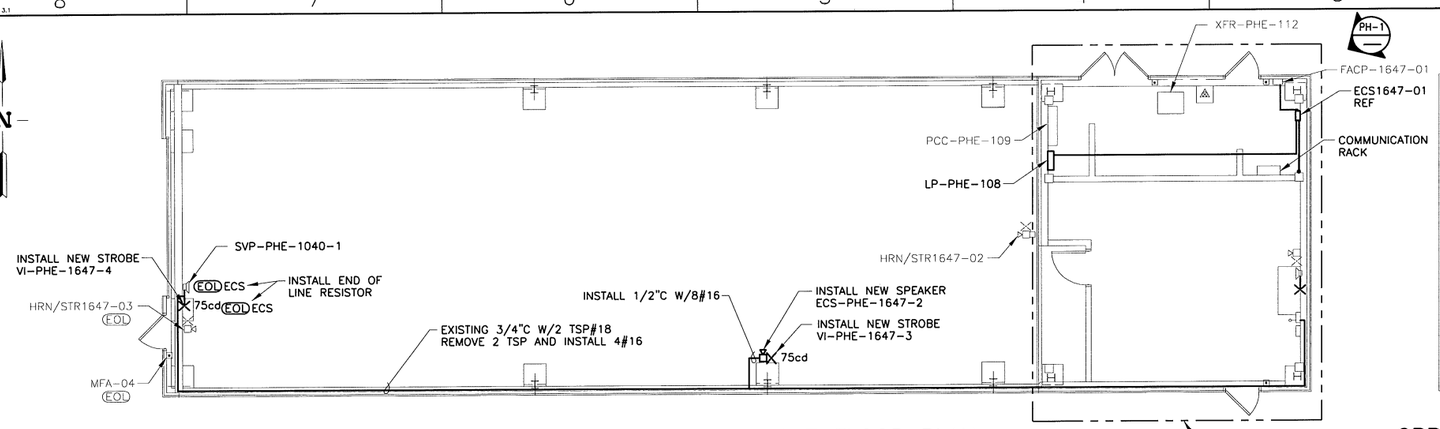
INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	1643	12	136

SIZE D DWG- REV

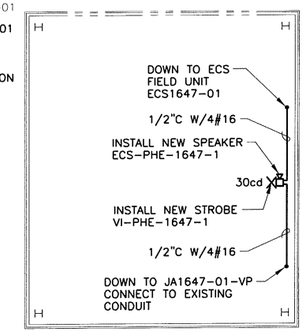
DRF NO. SHEET LSS-166

1 MADE FROM DRAWING 627363

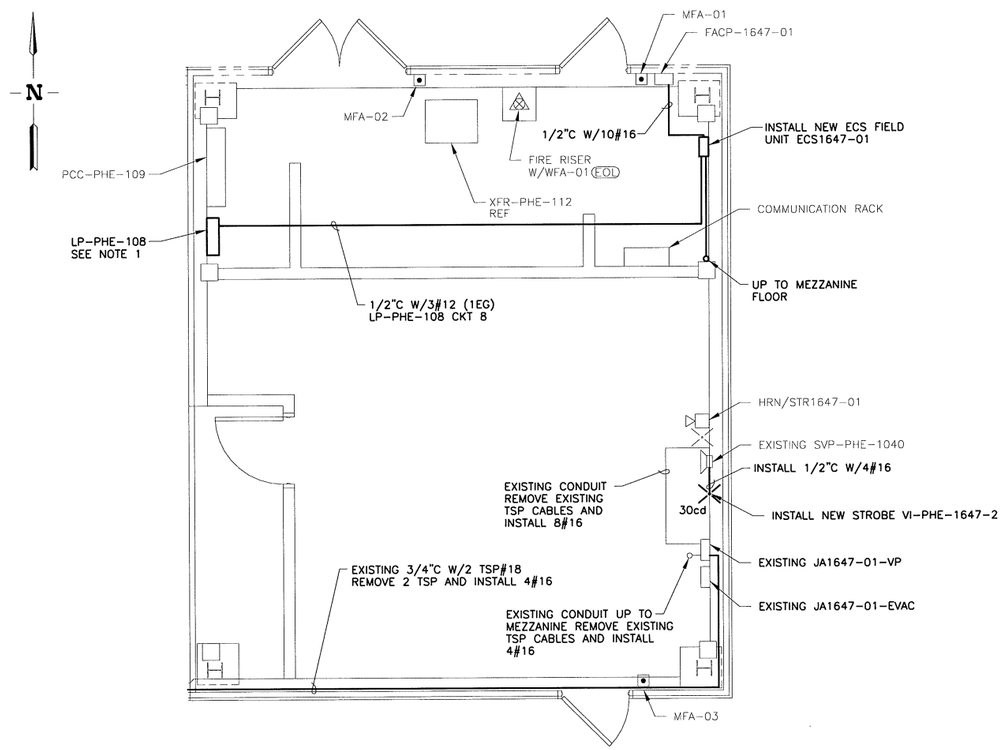
File: LSS-166.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1643
Date: 03/19/08 - 10:25 AM | Layout Name: Layout1
ID: PENCRT



CPP-1647 FLOOR PLAN
SCALE: 3/16=1'-0"



CPP-1647 MEZZANINE PLAN
SCALE: 3/16=1'-0"



ENLARGED COMMUNICATION AND FIRE ALARM FLOOR PLAN
SCALE: 3/8=1'-0"

INSTALL ANTENNA IN
THIS GENERAL VICINITY
SEE TYPICAL DETAIL
ON SHEET LSS-4

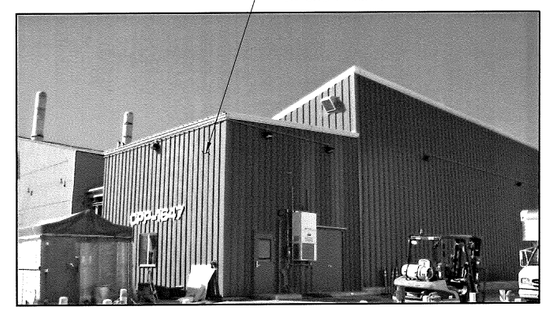


PHOTO PH-1

NOTES

1. INSTALL A 20A, 1P BREAKER IN LP-PHE-108 AT CIRCUIT 8. PANEL IS A SQ D NQOD.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/16" = 1'-0"
SCALE: 3/8" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS		
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

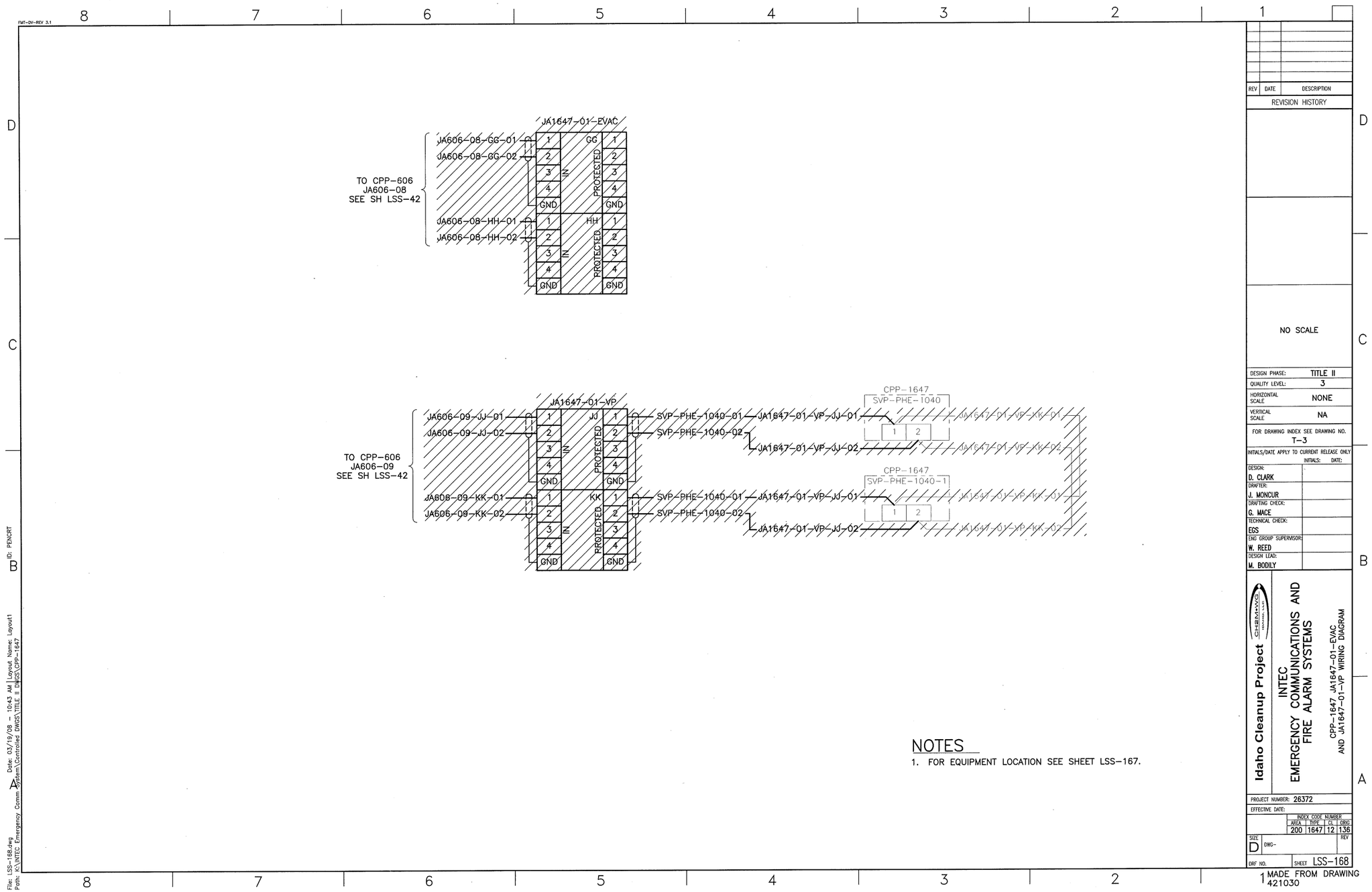
Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1647 FLOOR, MEZZANINE AND
ENLARGED PLANS AND PHOTO

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG.
200	1647	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-167

File: LSS-167.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1647
Date: 03/19/08 - 11:03 AM | Layout Name: PLAN
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-167.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS		
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1647 JA1647-01-EVAC
AND JA1647-01-VP WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

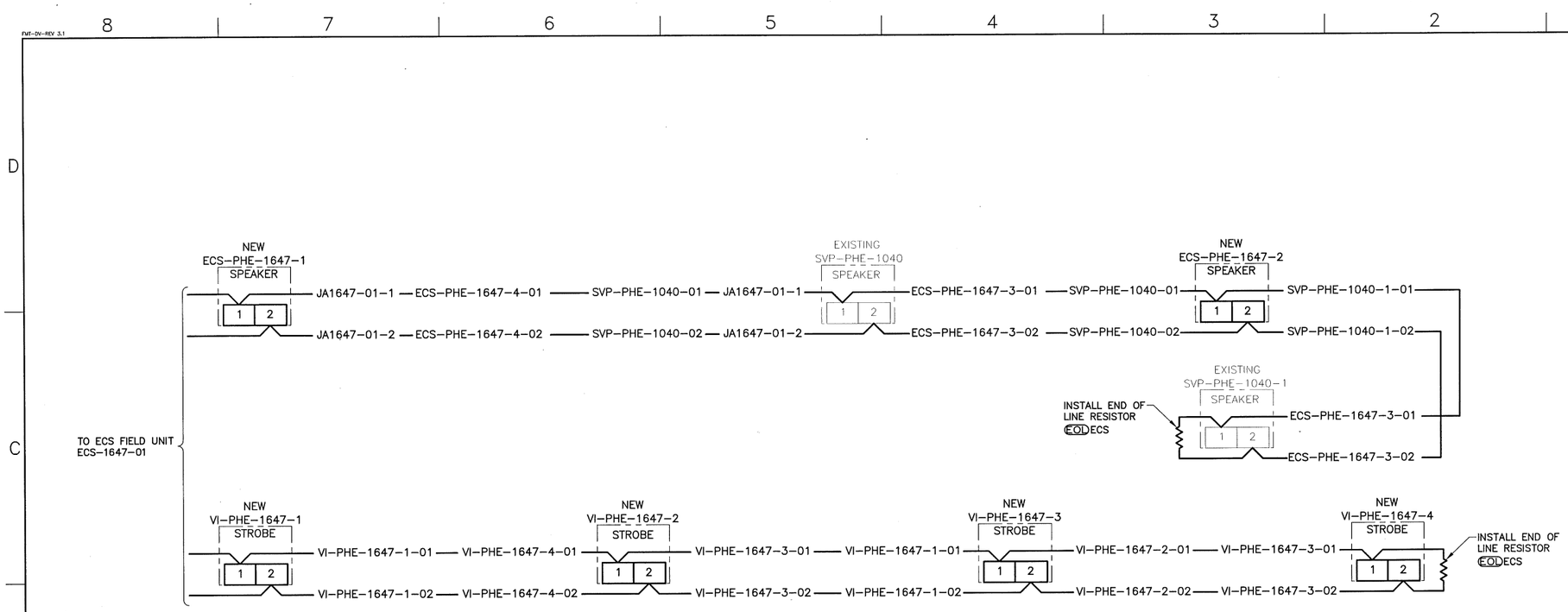
INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1647	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-168

MADE FROM DRAWING 421030

File: LSS-168.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1647
Date: 03/19/08 - 10:43 AM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-167.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS		
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

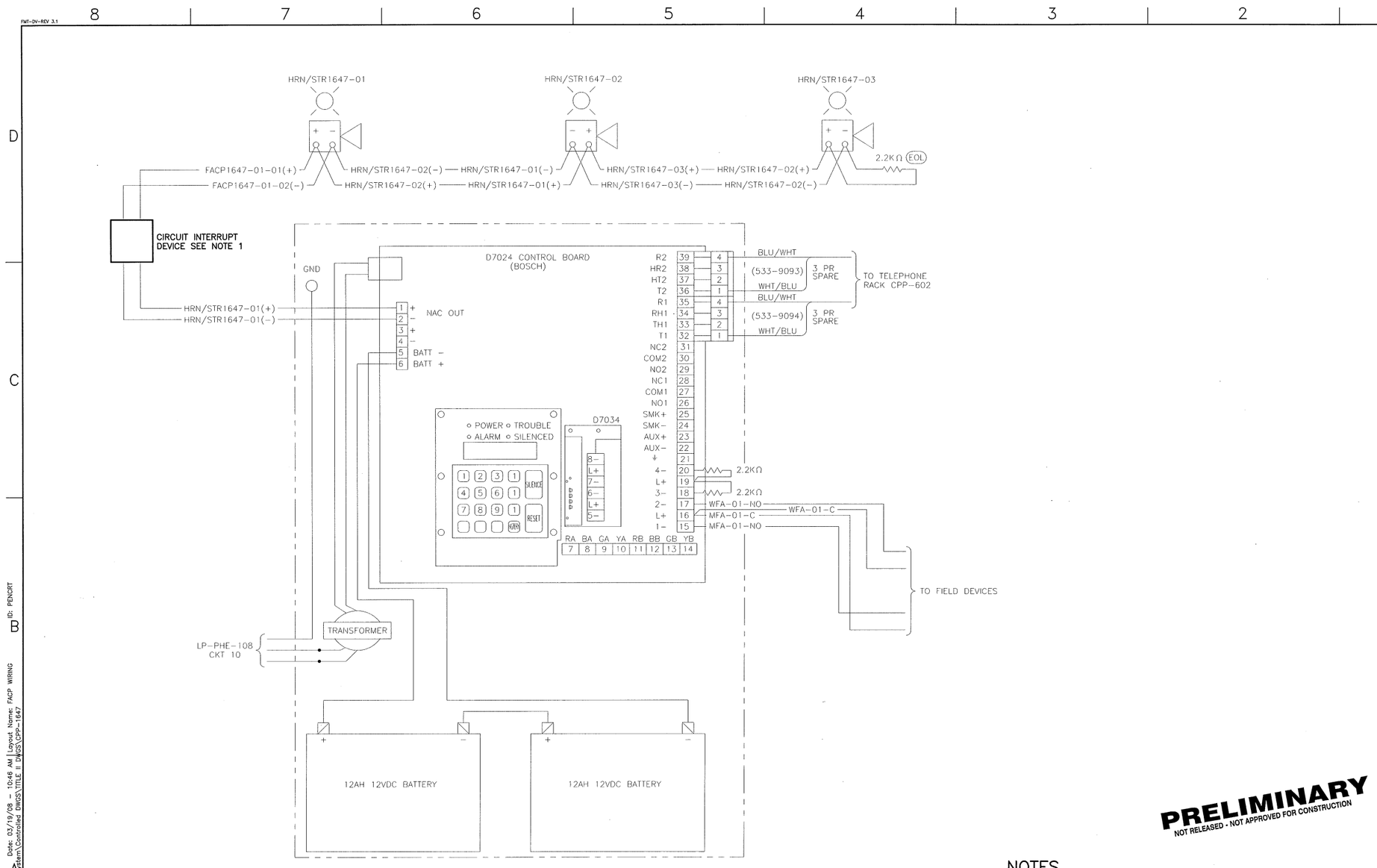
Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1647 ECS SPEAKER AND STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1647	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-169

FMT-DV-REV 3.1
ID: PENCRT
Date: 03/19/08 – 10:44 AM | Layout Name: Layout1
System\Controlled DWGS\TITLE II DWGS\CPP-1647
File: LSS-169.dwg
Path: K:\INTEC Emergency Comm



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. ACTUATED FIRE ALARM HORN/STROBES SHALL BE INTERRUPTED BY THE ECS FIELD UNIT DURING AN ECS NOTIFICATION. FIELD ROUTE CONDUCTORS AS NEEDED-ECS EQUIPMENT SUPPLIER SHALL DETERMINE METHOD OF CIRCUIT INTERRUPTION.
2. FOR EQUIPMENT LOCATION SEE SHEET LSS-167.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS		
DAG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

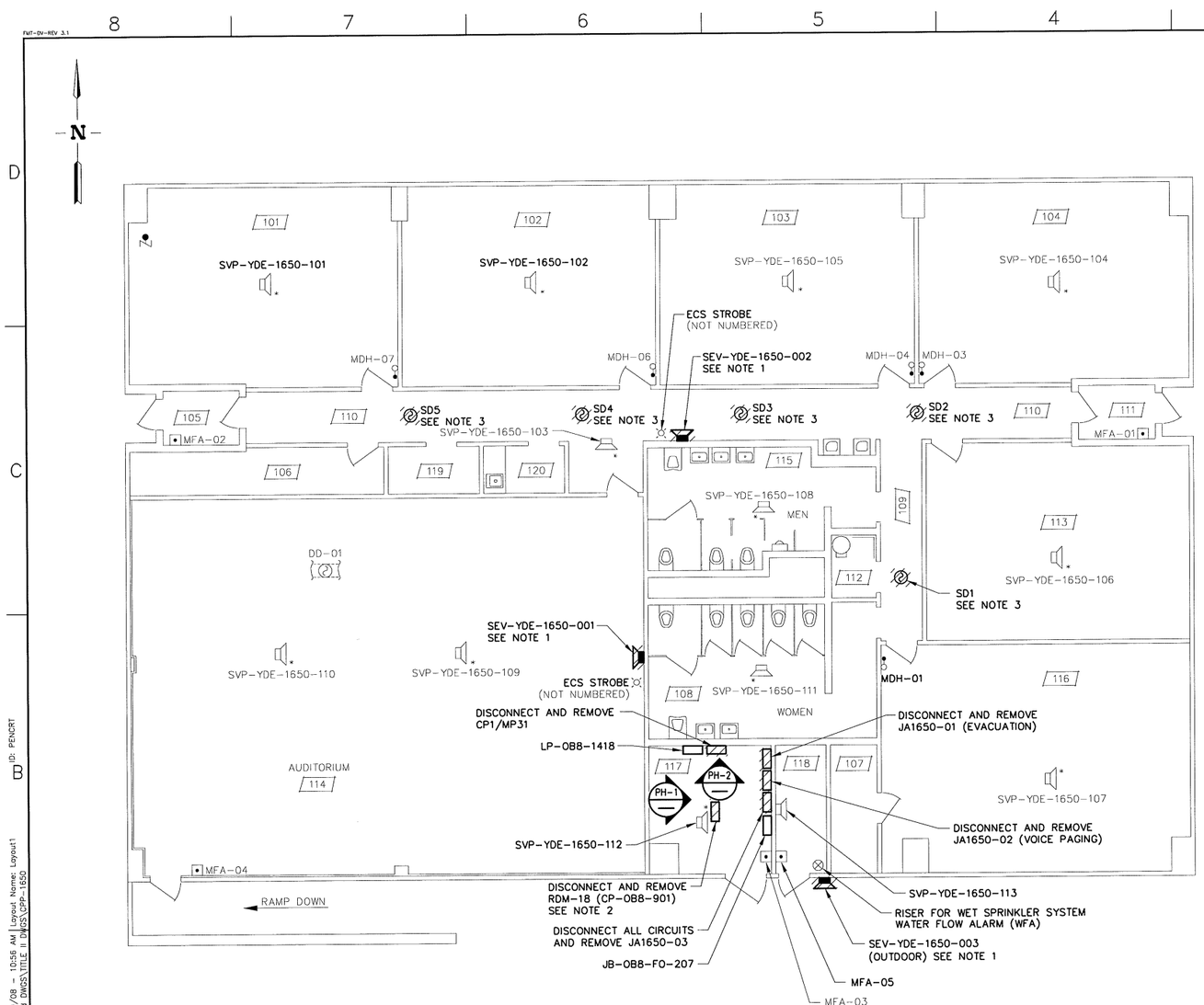
Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1647 FACP1647-01 WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1647	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-170

File: LSS-170.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1647
Date: 03/19/08 - 10:46 AM | Layout Name: FACP WIRING
ID: PENGRT



CPP-1650 FLOOR PLAN
SCALE: 3/16"=1'-0"

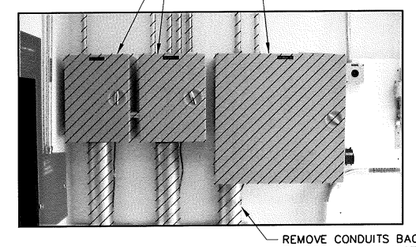


PHOTO PH-1

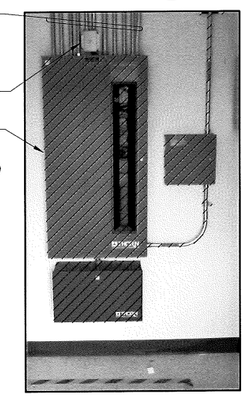


PHOTO PH-2

NOTES

1. REMOVE EVACUATION SYSTEM SPEAKERS SEV-YDE-1650-001, SEV-YDE-1650-002, AND SEV-YDE-1650-003. AND CONDUCTORS BACK TO JA1650-01.
2. REMOVE RDM-18 AND ASSOCIATED CONDUIT TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE BACK TO JB-OB8-FO-207. REMOVE POWER CONDUCTORS BACK LP-OB8-1418 CKT 17.
3. REPLACE EXISTING SMOKE DETECTORS (SD-1 THROUGH SD-5) WITH BOSCH D282A PHOTOELECTRIC SMOKE DETECTOR AND D280A 2-WIRE DETECTOR BASE.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/16" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1650 FLOOR PLAN AND PHOTOS

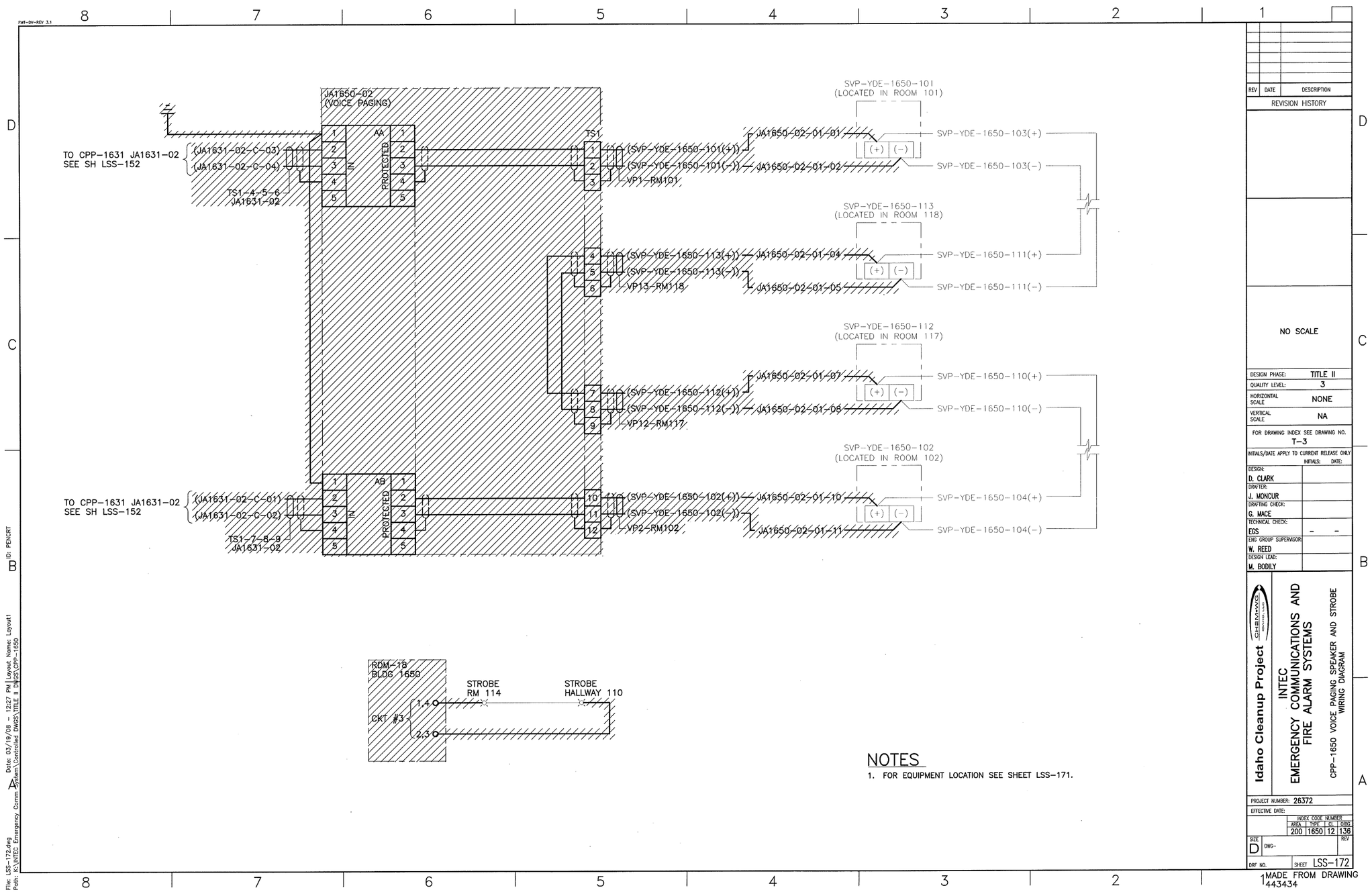
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1650	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-171

MADE FROM DRAWING 443433

File: LSS-171.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1650
Date: 03/19/08 - 10:56 AM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-171.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1650 VOICE PAGING SPEAKER AND STROBE
WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

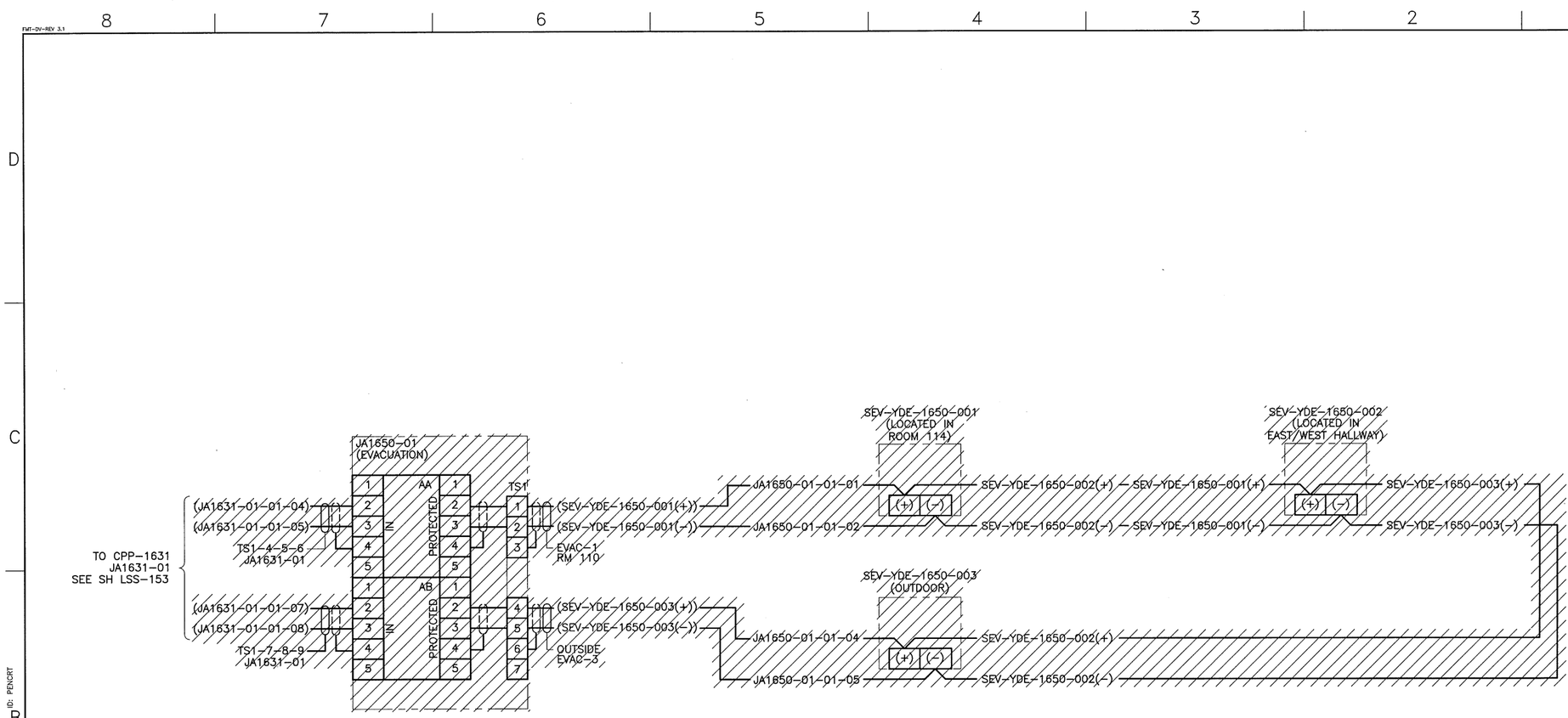
INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1650	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-172

MADE FROM DRAWING 443434

File: LSS-172.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1650
Date: 03/19/08 - 12:27 PM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-171.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1650 EVACUATION SPEAKER WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

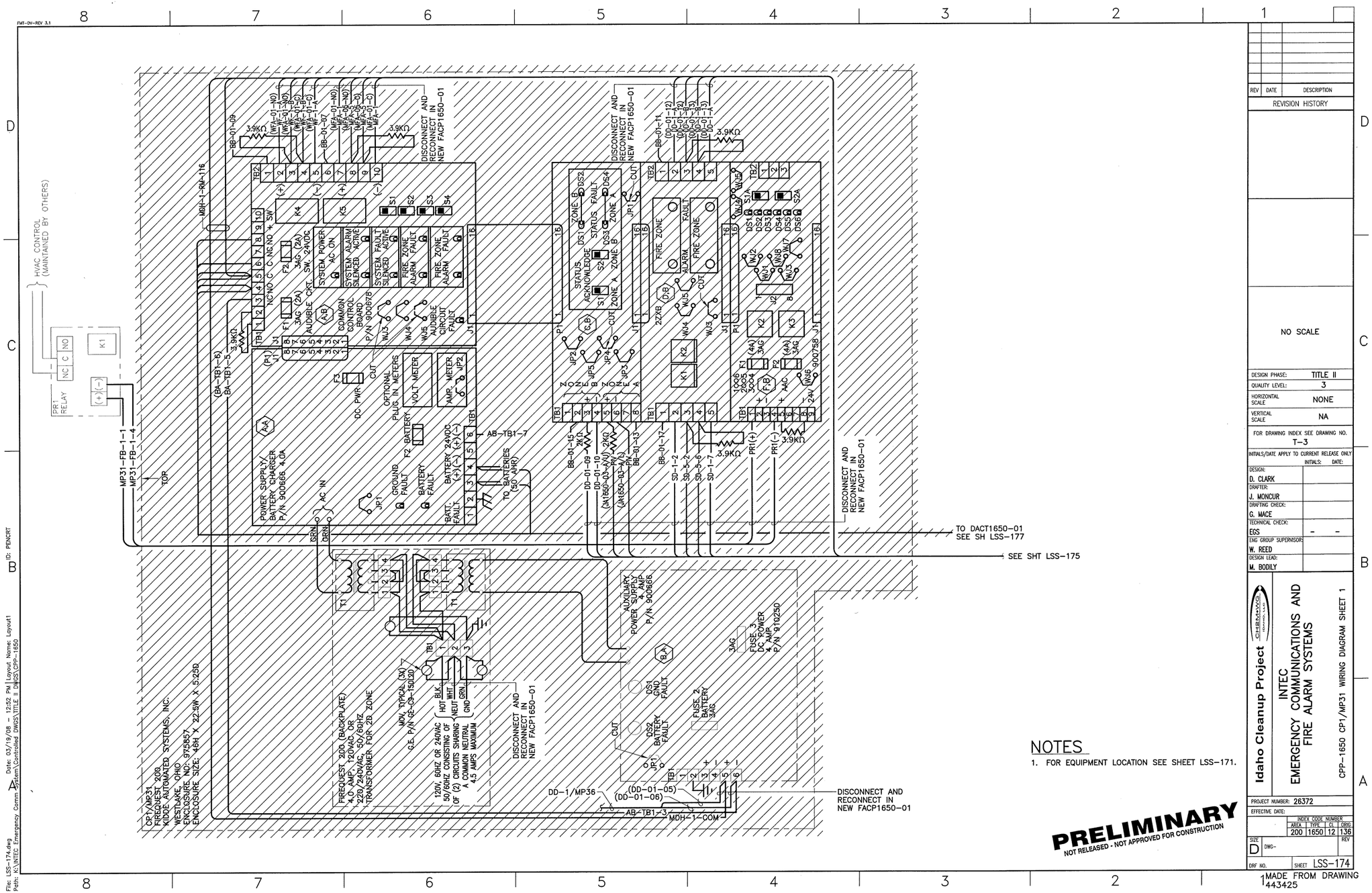
INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1650	12	136

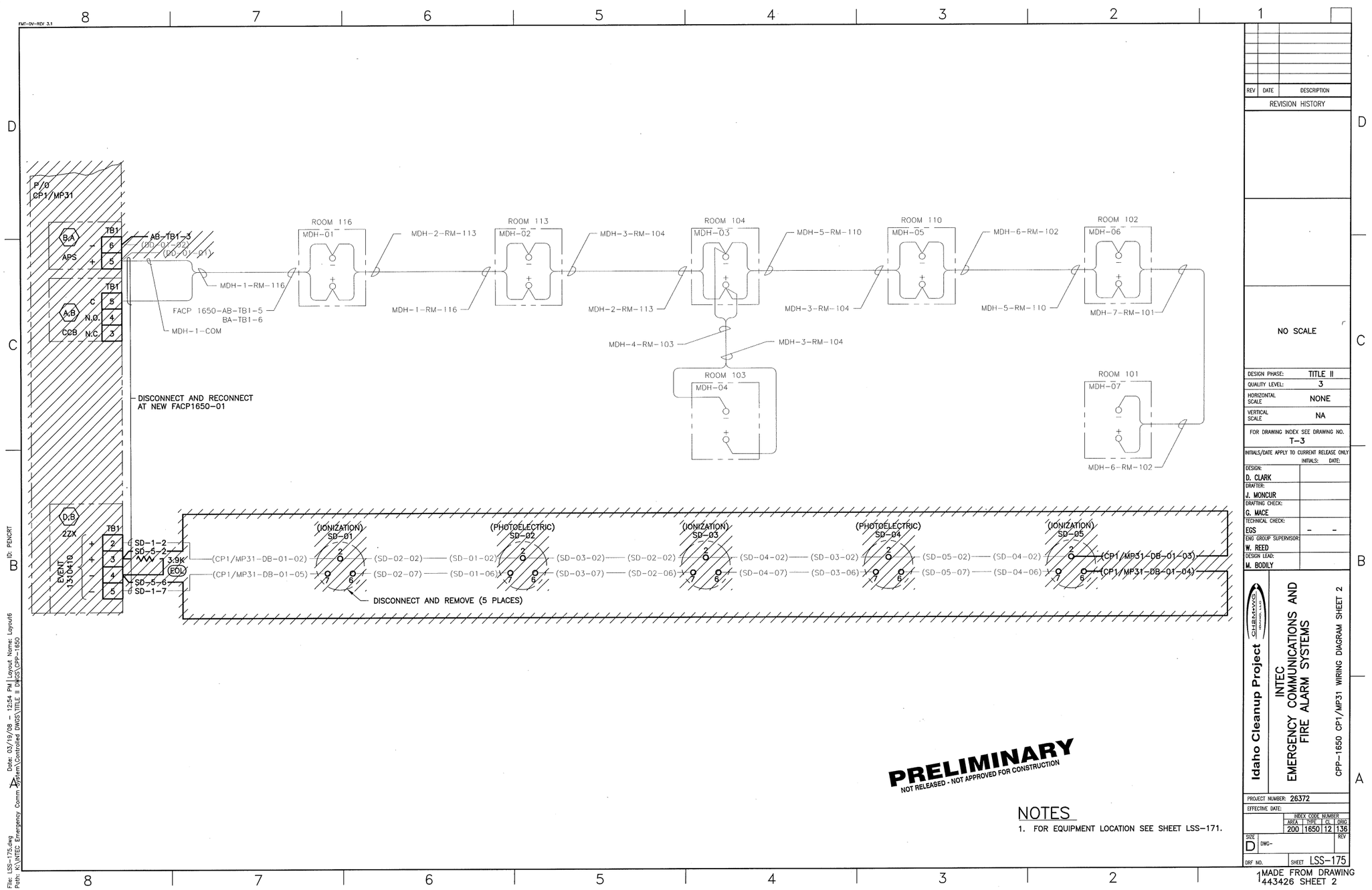
SIZE D DWG- REV

DRF NO. SHEET LSS-173

1 MADE FROM DRAWING 443437

File: LSS-173.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1650
Date: 03/19/08 - 12:33 PM Layout Name: Layout1
ID: PENCRT


HVAC CONTROL (MAINTAINED BY OTHERS)
PR1 RELAY
K1
K4
K5
K2
K3
SYSTEM POWER AC ON
SYSTEM ALARM SILENCED
SYSTEM FAULT SILENCED
FIRE ZONE ALARM FAULT
FIRE ZONE ALARM FAULT
AUDIBLE CKT. SW. 24VDC
COMMON CONTROL BOARD P/N 900678
AUDIBLE CIRCUIT FAULT
VOLT METER
AMP. METER
OPTIONAL PLUG IN METERS
DC PWR
BATTERY
POWER SUPPLY/ BATTERY CHARGER P/N 900666 4.0A
GROUND FAULT
BATTERY FAULT
BATT. FAULT
BATTERY 24VDC
TO BATTERIES (50 AHR)
AC IN
DISCONNECT AND RECONNECT IN NEW FACP1650-01
STATUS ACKNOWLEDGE
STATUS FAULT
ZONE A
ZONE B
FIRE ZONE
ALARM FAULT
TO DACT1650-01
SEE SH LSS-177
SEE SHT LSS-175
AUXILIARY POWER SUPPLY 4.0A P/N 900666
FUSE 3 DC POWER 4 AMP P/N 910250
FUSE 2 BATTERY 3AG
DS1 GND FAULT
DS2 BATTERY FAULT
DISCONNECT AND RECONNECT IN NEW FACP1650-01
CP1/MP31 FIREQUEST 200 KIDDE AUTOMATED SYSTEMS, INC. WESTLAKE, OHIO ENCLOSURE NO: 975857 ENCLOSURE SIZE: 46H X 22.5W X 5.25D
FREQUEST 200 (BACKPLATE) 4.0 AMP, 120VAC, OR 220/240VAC, 50/60HZ TRANSFORMER FOR 2B ZONE
MOV, TYPICAL (3X) G.E. P/N GE-C9-150120
120V, 60HZ OR 240VAC 50/60HZ CONSISTING OF (OF (2) CIRCUITS SHARING A COMMON NEUTRAL 4.5 AMPS MAXIMUM
DISCONNECT AND RECONNECT IN NEW FACP1650-01
DISCONNECT AND RECONNECT IN NEW FACP1650-01
MDH-1-COM
AB-TB1-3
DD-1/MP36
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-171.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NONE
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-3
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: J. MONCUR
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1650 CP1/MP31 WIRING DIAGRAM SHEET 1
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL DRWG
200 1650 12 136
SIZE D DWG- REV
DRF NO. SHEET LSS-174
MADE FROM DRAWING 443425



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-171.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1650 CP1/MP31 WIRING DIAGRAM SHEET 2

PROJECT NUMBER: 26372

EFFECTIVE DATE:

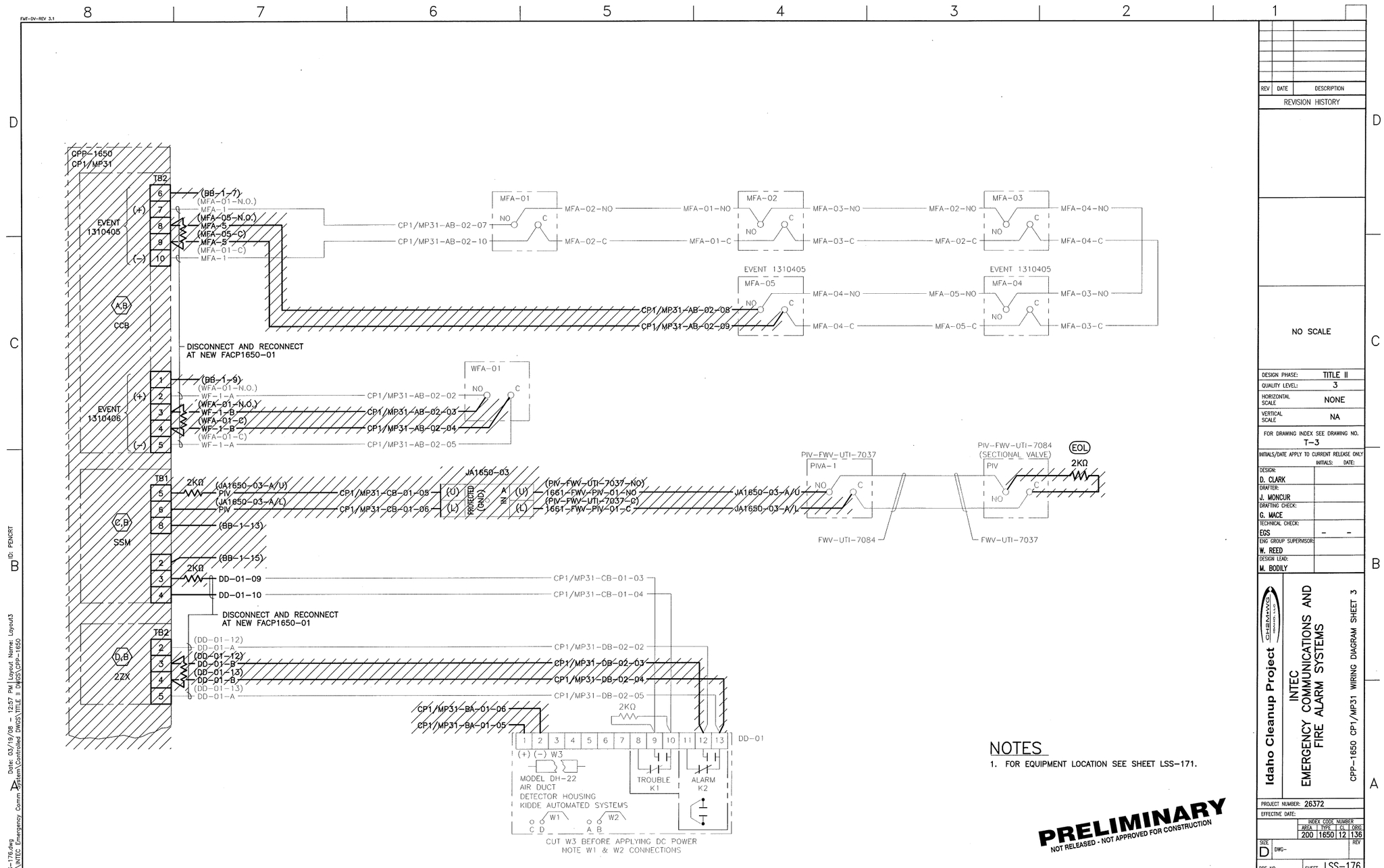
INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1650	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-175

MADE FROM DRAWING 443426 SHEET 2

File: LSS-175.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1650
Date: 03/19/08 - 12:54 PM | Layout Name: Layout6
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-171.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1650 CP1/MP31 WIRING DIAGRAM SHEET 3

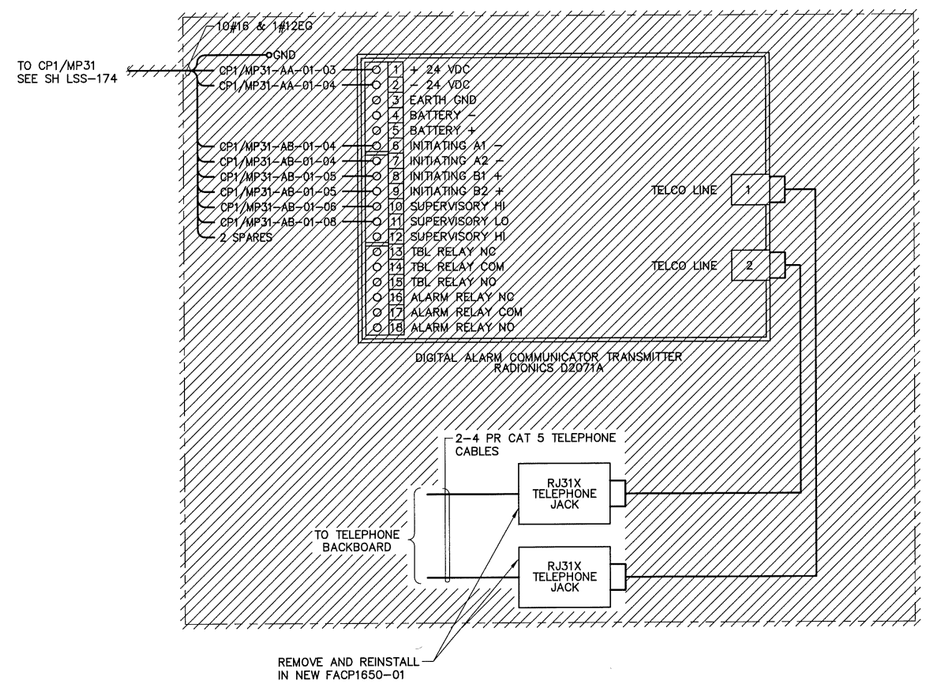
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1650	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-176

MADE FROM DRAWING 443426

File: LSS-176.dwg Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1650 Date: 03/19/08 - 12:57 PM Layout Name: Layout3 ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-171.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1650 DACT1650-01 WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1650	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-177

MADE FOR DRAWING 627376

File: LSS-177.dwg
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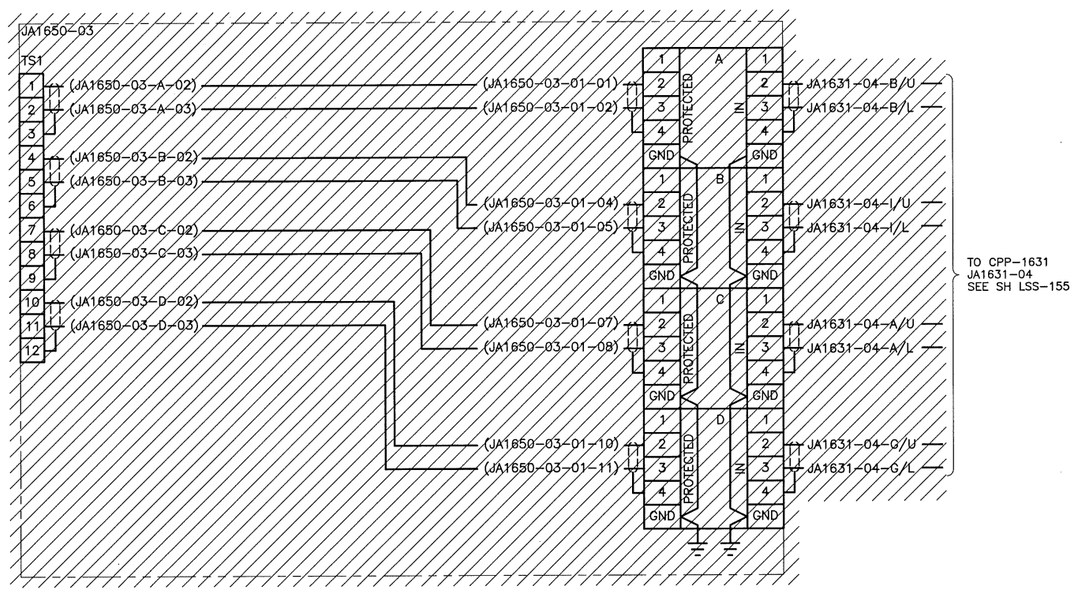
Date: 03/19/08 - 12:58 PM | Layout Name: Model
ID: PENCRT



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-171.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

CH2M HILL

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1650 JA1650-03 WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

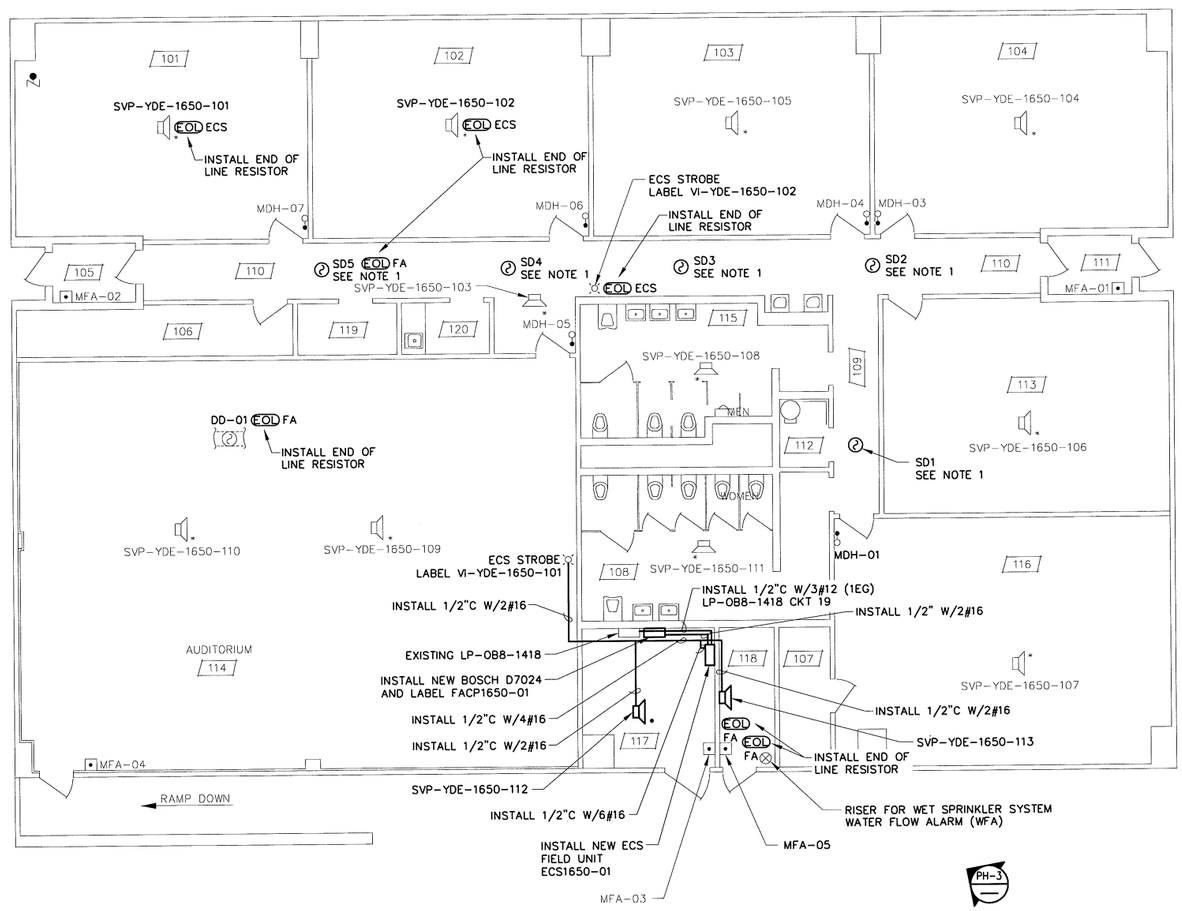
INDEX CODE NUMBER			
AREA	TYPE	CL	DRG
200	1650	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-178

MADE FROM DRAWING 432477

File: LSS-178.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1650
Date: 03/19/08 - 1:00 PM | Layout Name: Layout5
ID: PENCRT



CPP-1650 FLOOR PLAN
SCALE: 3/16"=1'-0"

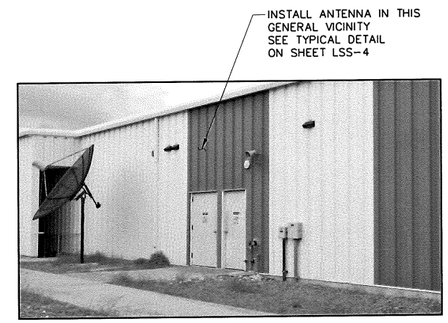


PHOTO PH-3

NOTES

1. NEW PHOTOELECTRIC SMOKE DETECTOR AND 2-WIRE DETECTOR BASE.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/16" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE:	NOTED
VERTICAL SCALE:	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1650 FLOOR PLAN AND PHOTO

PROJECT NUMBER: 26372

EFFECTIVE DATE:

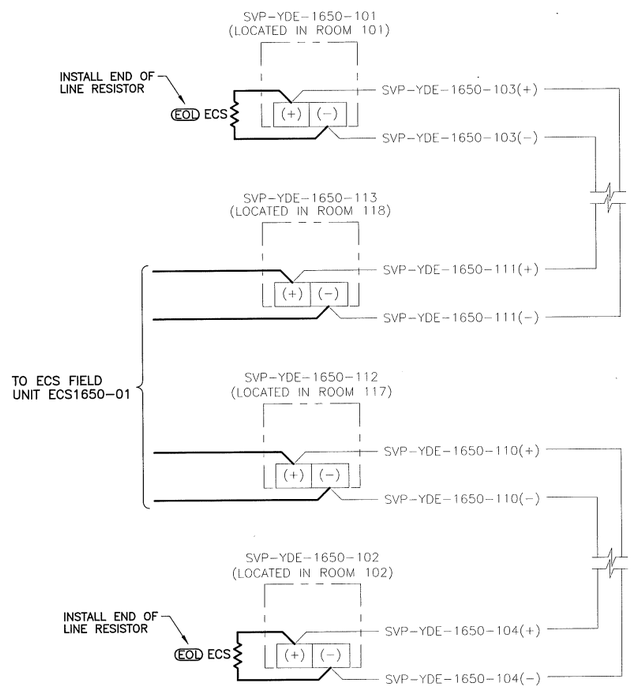
INDEX CODE NUMBER			
AREA	TYPE	CL	DRG.
200	1650	12	136

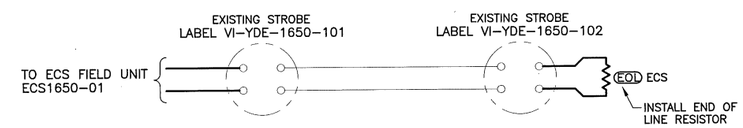
SIZE D DWG- REV

DRF NO. SHEET LSS-179

MADE FROM DRAWING 443433

File: LSS-179.dwg
Path: K:\INTEC Emergency Comm System\Contract Dwgs\TITLE II Dwgs\CPP-1650
Date: 03/19/08 - 2:36 PM Layout Name: Layout1
ID: PENCRT





NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-179.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

CH2MHILL Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1650 ECS SPEAKER WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1650	12	136

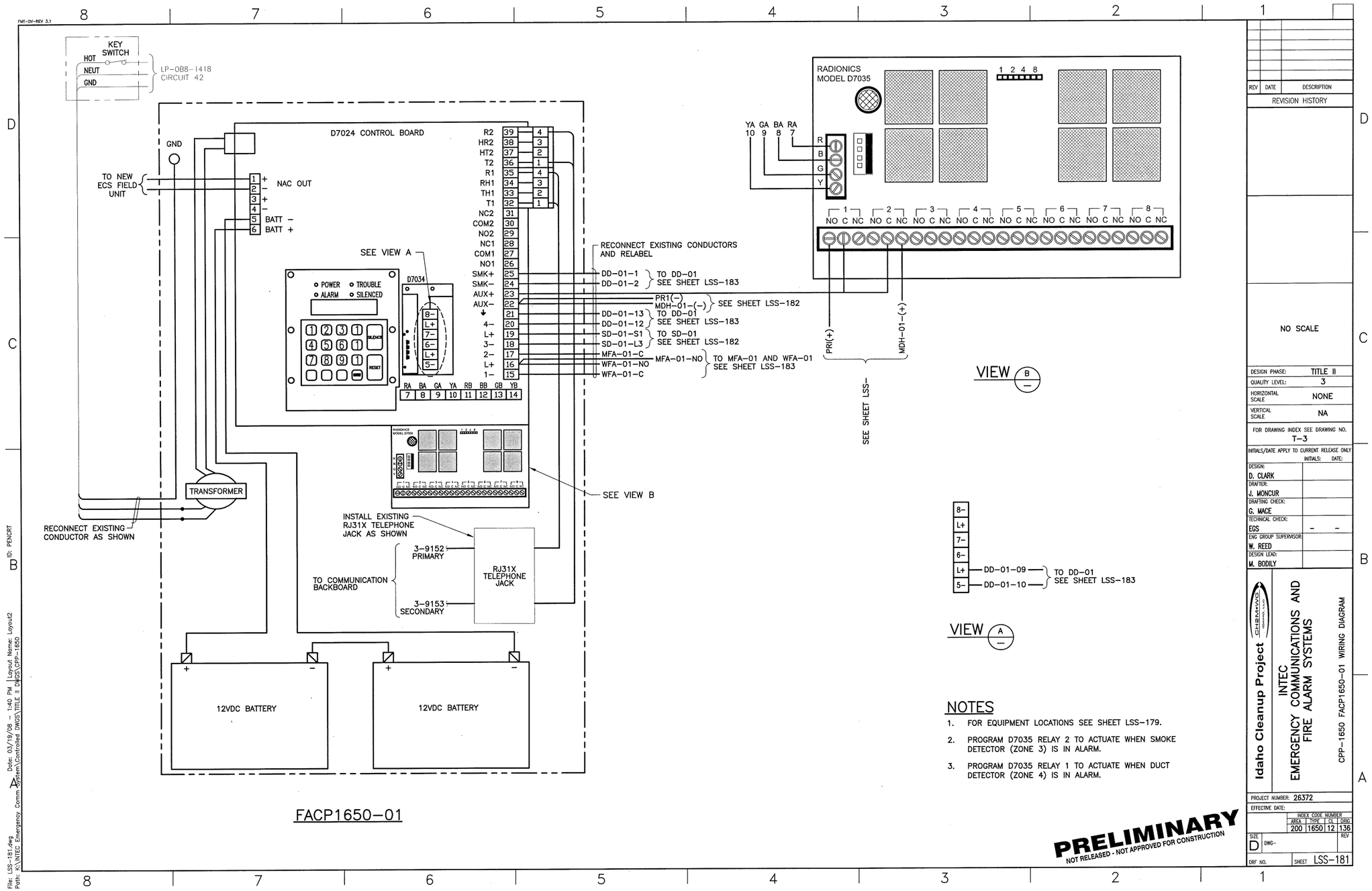
SIZE D DWG- REV

DRF NO. SHEET LSS-180

MADE FROM DRAWING 443434

FWT-DV-REV 3.1

File: LSS-180.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1650
Date: 03/19/08 - 1:17 PM | Layout Name: Layout1
ID: PENCRT



FACP1650-01

NOTES

1. FOR EQUIPMENT LOCATIONS SEE SHEET LSS-179.
2. PROGRAM D7035 RELAY 2 TO ACTUATE WHEN SMOKE DETECTOR (ZONE 3) IS IN ALARM.
3. PROGRAM D7035 RELAY 1 TO ACTUATE WHEN DUCT DETECTOR (ZONE 4) IS IN ALARM.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	–	–
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

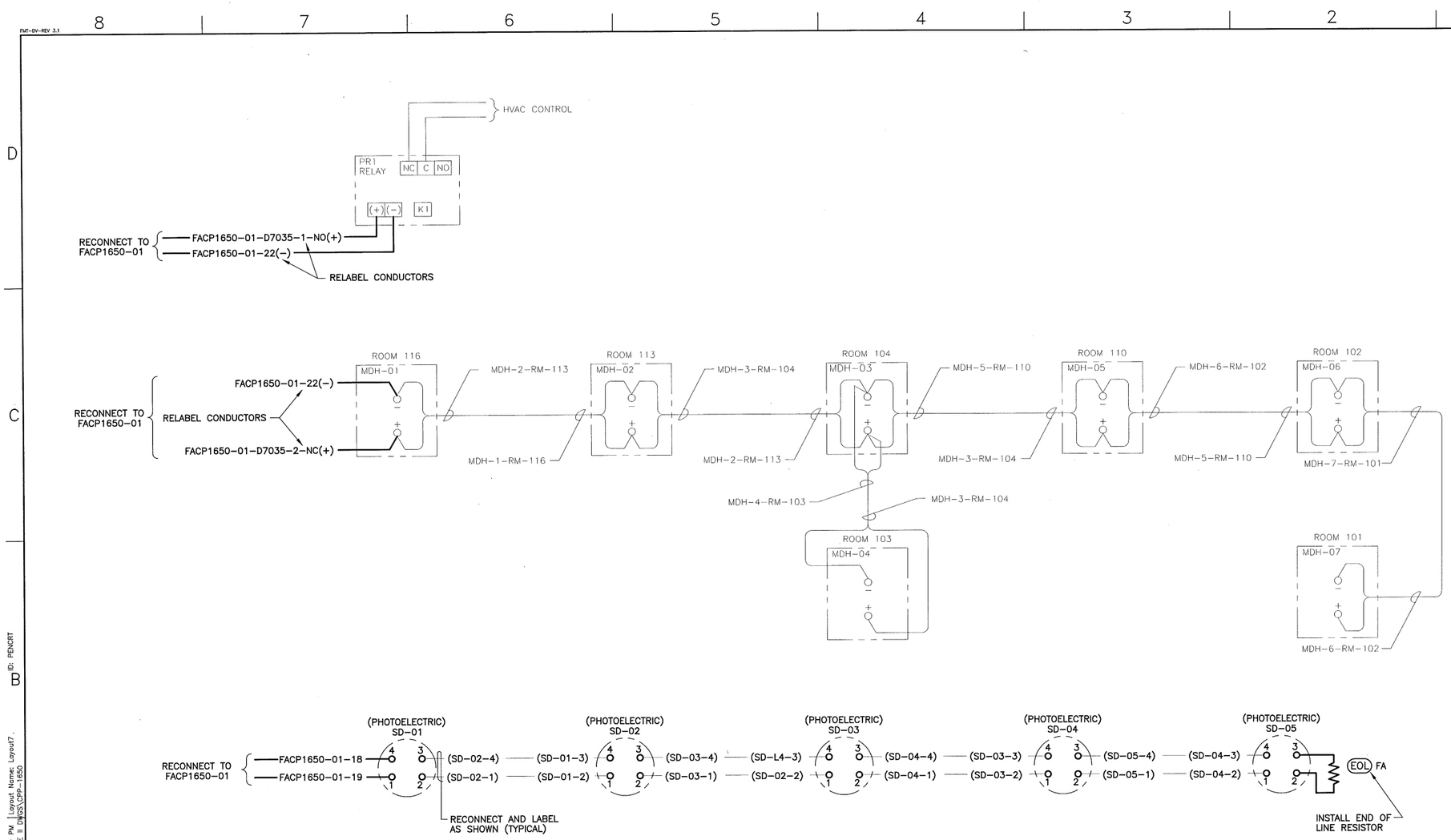
CH2MHILL
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1650 FACP1650-01 WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DRG
200	1650	12	136

SIZE D DWG– REV
DRF NO. SHEET LSS-181

File: LSS-181.dwg Date: 03/19/08 – 1:40 PM Layout Name: Layout2 ID: PENCRT
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1650



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-179.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project CH2MHILL

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1650 FIRE ALARM SYSTEM WIRING DIAGRAM SHEET 1

PROJECT NUMBER: 26372

EFFECTIVE DATE:

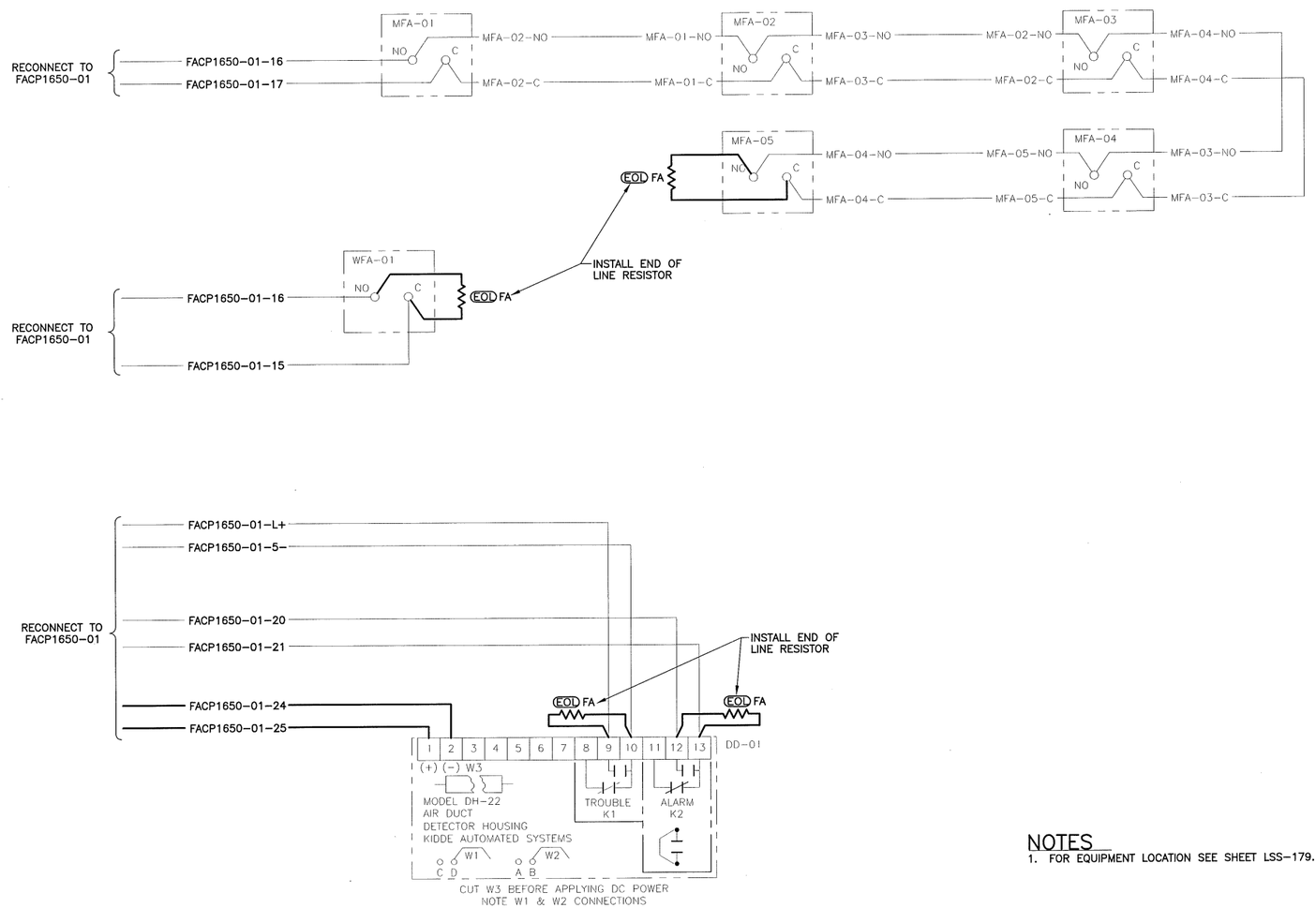
INDEX CODE NUMBER			
AREA	TYPE	CL	DRG.
200	1650	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-182

MADE FROM DRAWING 443426

File: LSS-182.dwg Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1650 Date: 03/19/08 - 1:49 PM Layout Name: Layout7 ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-179.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1650 FIRE ALARM SYSTEM WIRING DIAGRAM SHEET 2

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	1650	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-183

MADE FROM DRAWING 443426

File: LSS-183.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1650
Date: 03/19/08 - 1:53 PM | Layout Name: Layout4
ID: PENCRT

INSTALL ANTENNA IN THIS GENERAL VICINITY SEE TYPICAL DETAIL ON SHEET LSS-4

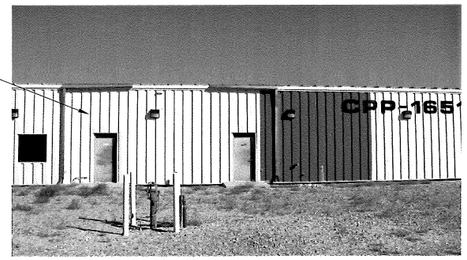
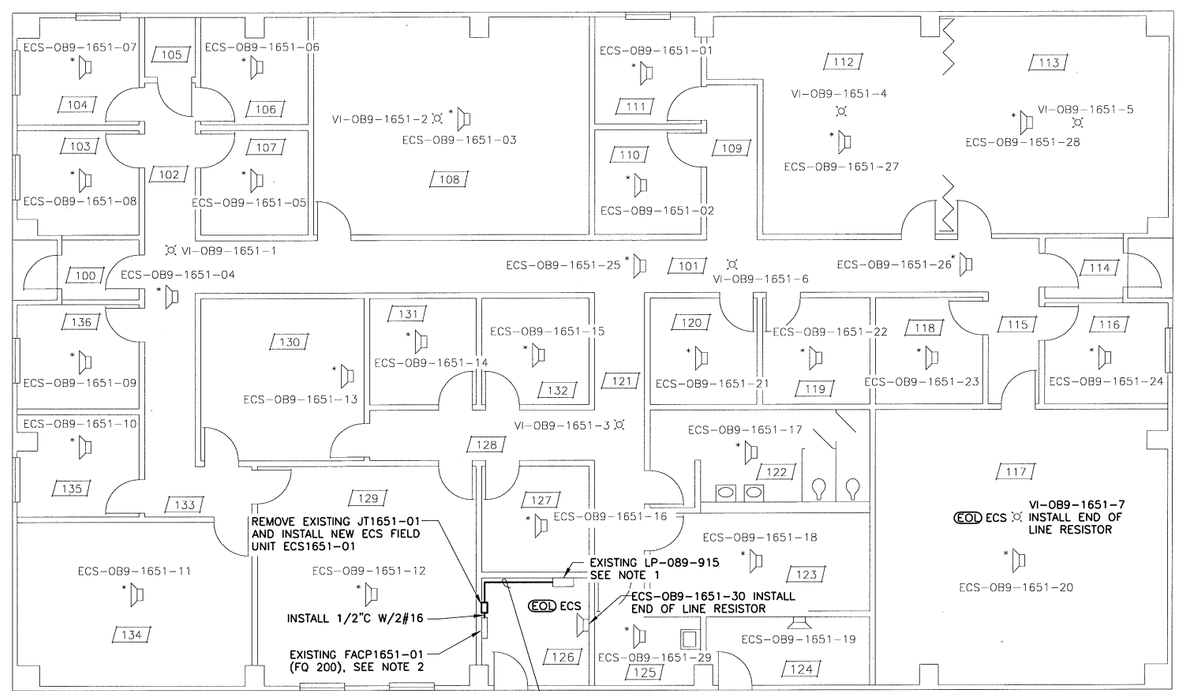


PHOTO PH-1



PH-1

CPP-1651 FLOOR PLAN
SCALE: 3/16"=1'-0"

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. INSTALL NEW 20A CIRCUIT BREAKER IN EXISTING PANEL LP-089-915 (SQUARE D NQOD02), CIRCUIT 25.
2. FOR TYPICAL FIREQUEST 200 CONNECTION DETAIL SEE SHEET LSS-5.

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/16" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1651 FLOOR PLAN AND PHOTO

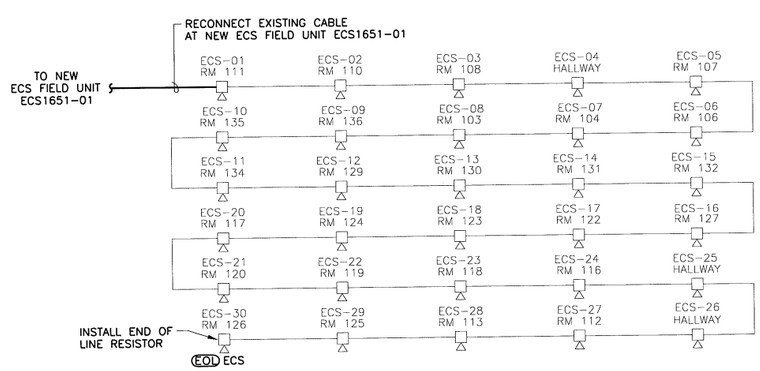
PROJECT NUMBER: 26372
EFFECTIVE DATE:

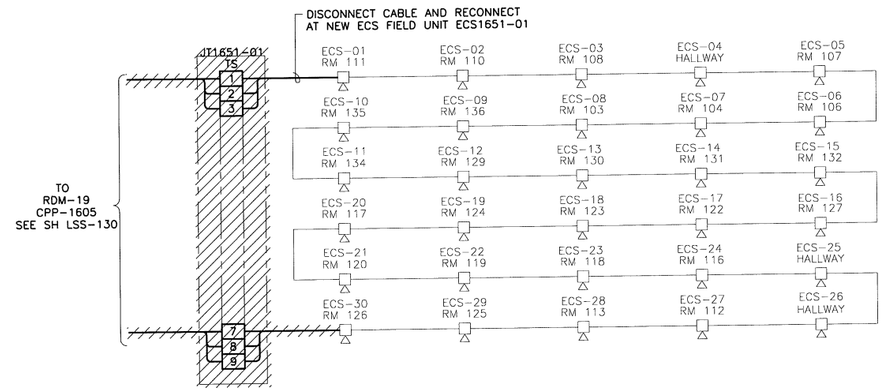
INDEX CODE NUMBER			
AREA	TYPE	CL	DRG
200	1651	12	136

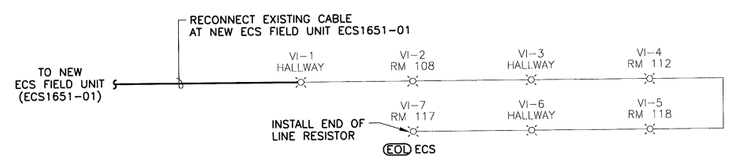
SIZE D DWG- REV
DRF NO. SHEET LSS-184

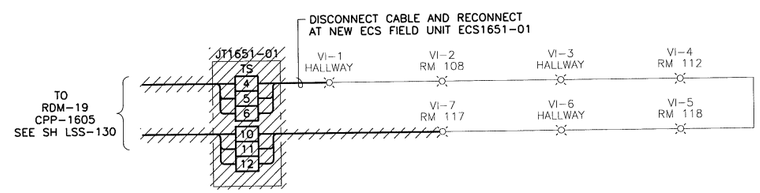
LSS-7163 1 MADE FROM DWG 523568

File: LSS-184.dwg Date: 03/25/08 - 9:51 AM Layout Name: Sheet 1 ID: MXJ
Path: X:\INTEC Emergency Comm-System\Controlled DWGS\TITLE II DWGS\CPP-1651









NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-184.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	1/8"=1'-0"
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1651 SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG.
200	1651	12	136

SIZE D DWG- REV

DRF NO. LSS-7380 SHEET LSS-185

MADE FROM DWG 183795

File: LSS-185.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1651
Date: 03/19/08 - 3:12 PM Layout Name: Layout1
ID: PENCRT

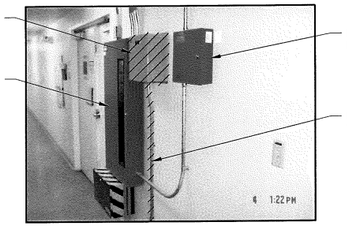
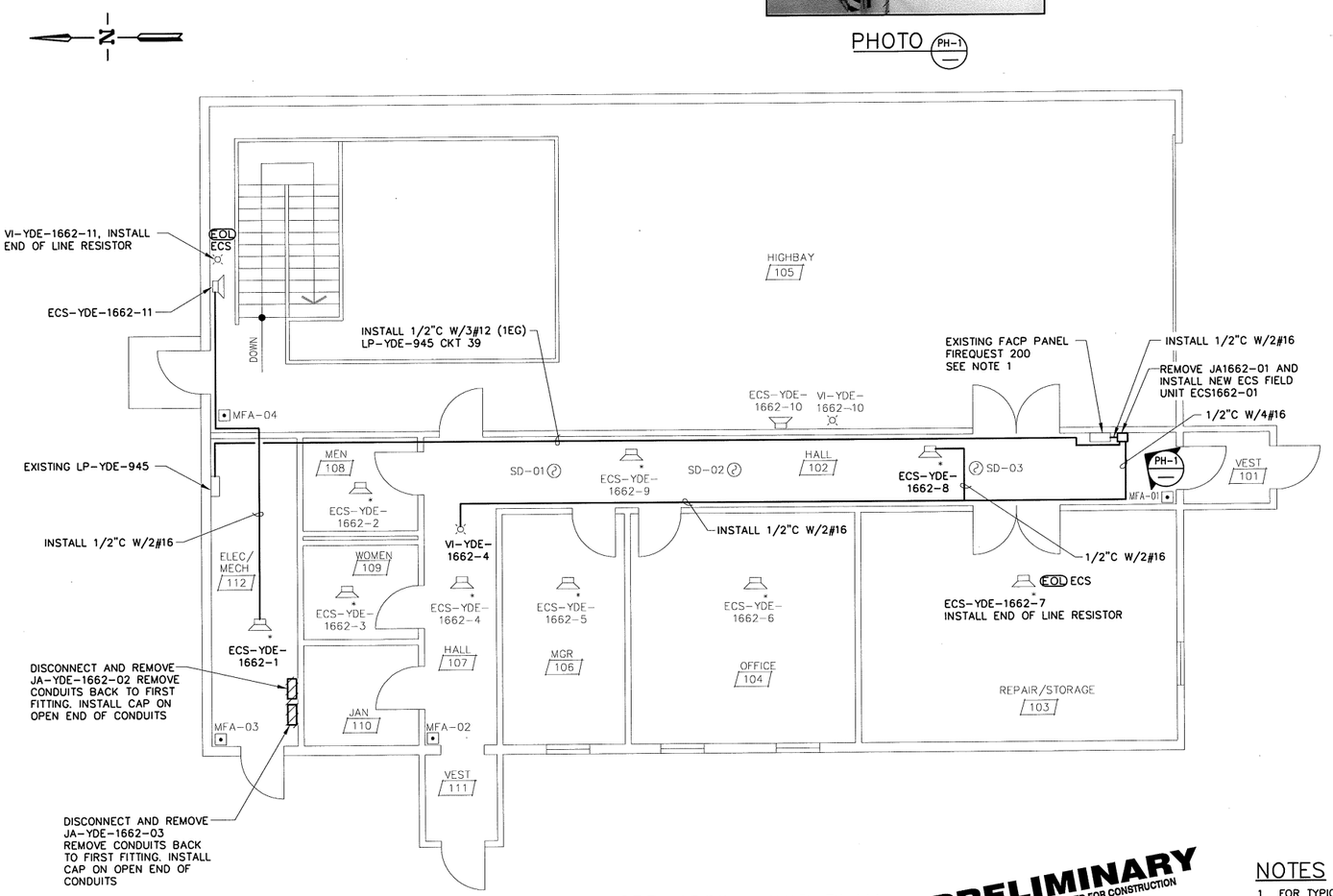


PHOTO PH-1

PHOTO PH-2



CPP-1662 FLOOR PLAN
SCALE: 1/4"=1'-0"

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. FOR TYPICAL FIREQUEST 200 CONNECTION DETAIL SEE SHEET LSS-5.
2. CORRIDOR 102 HAS A SHEET ROCK CEILING 8'-0" AFF. AREA ABOVE CEILING IS ACCESSIBLE FROM THE HIGH BAY ROOM 105.

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1/4" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1662 FLOOR PLAN AND PHOTOS

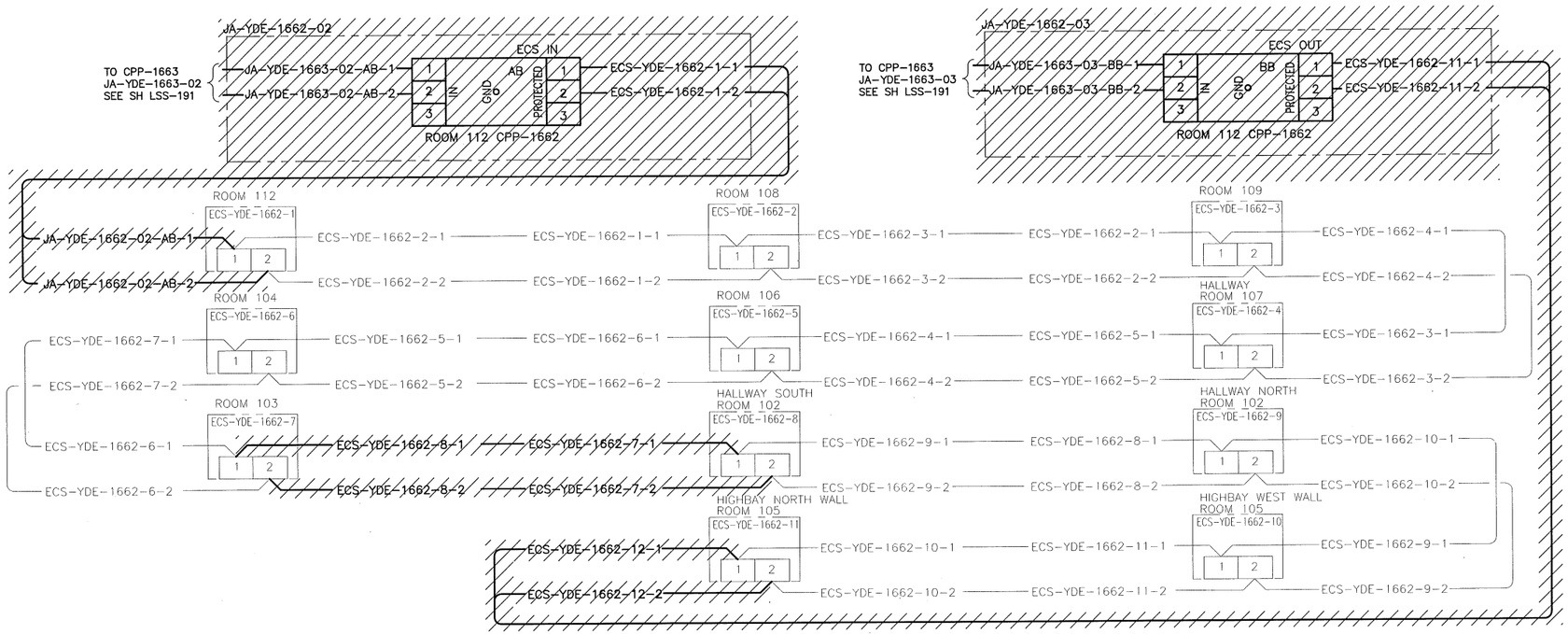
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	1662	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-186

MADE FROM DWG 426833

File: LSS-186.dwg Path: S:\INTEC Emergency Comm. System\Contract DWGS\TITLE II DWGS\CPP-1662 Date: 03/25/03 9:52 AM Layout Name: Layout1 ID: MKJ



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-186.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1662 RDM-17 SPEAKER WIRING DIAGRAM

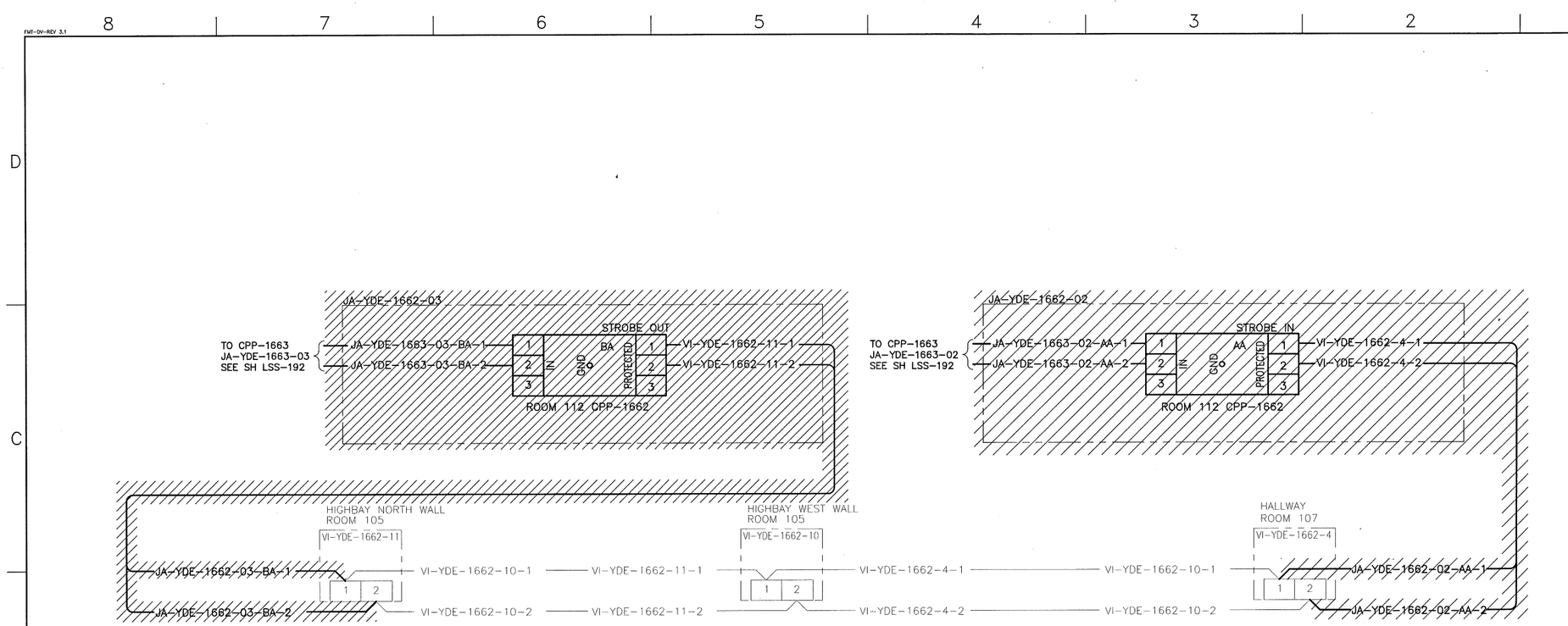
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1662	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-187

MADE FROM DWG 426842

File: LSS-187.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1662
Date: 03/19/08 - 3:20 PM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-186.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: C. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1662 RDM-17 STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	SQ	DWG
200	1662	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-188

MADE FROM DWG 444635

File: LSS-188.dwg
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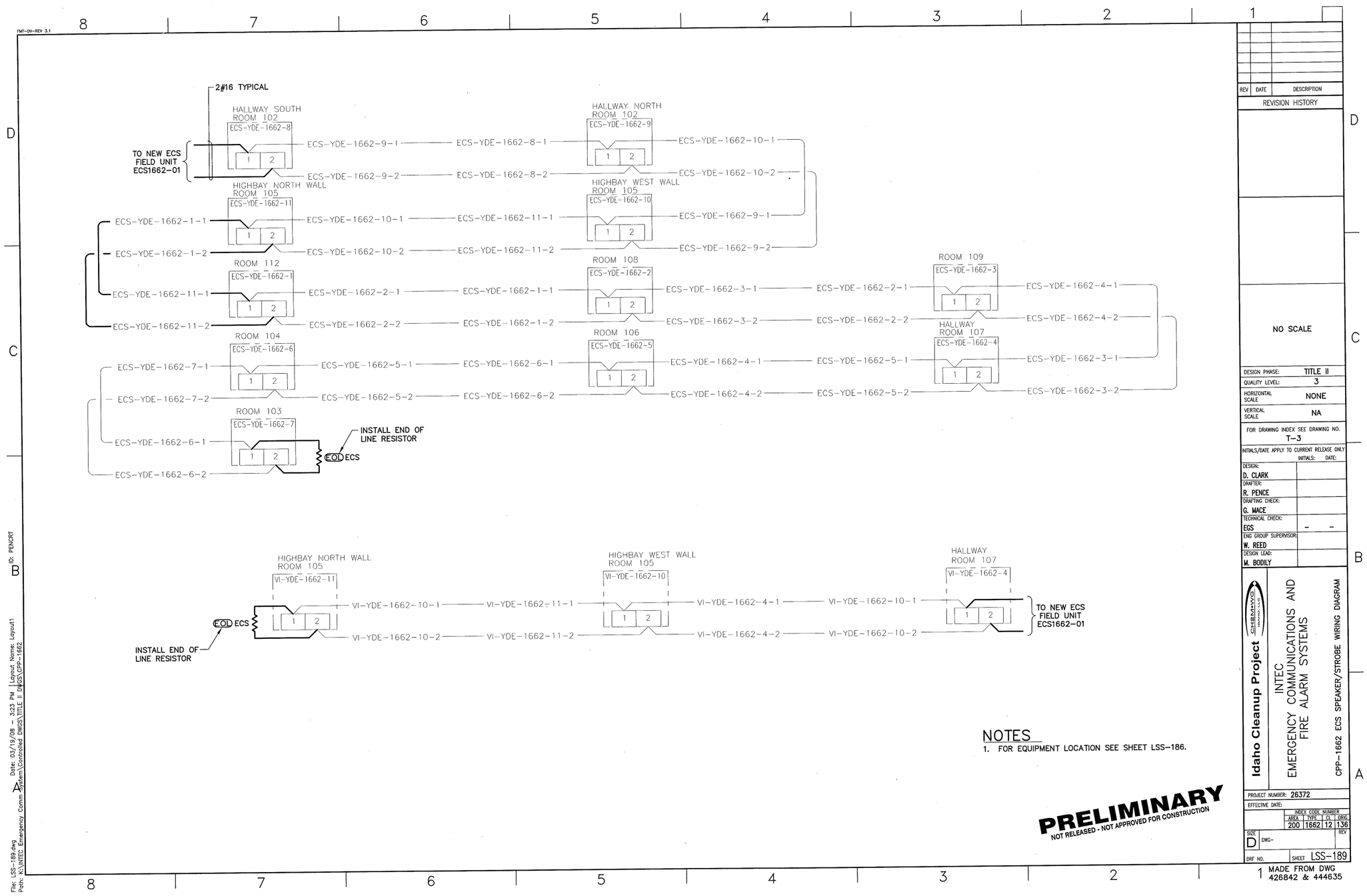
Date: 03/19/08 - 3:22 PM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-186.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1662 ECS SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

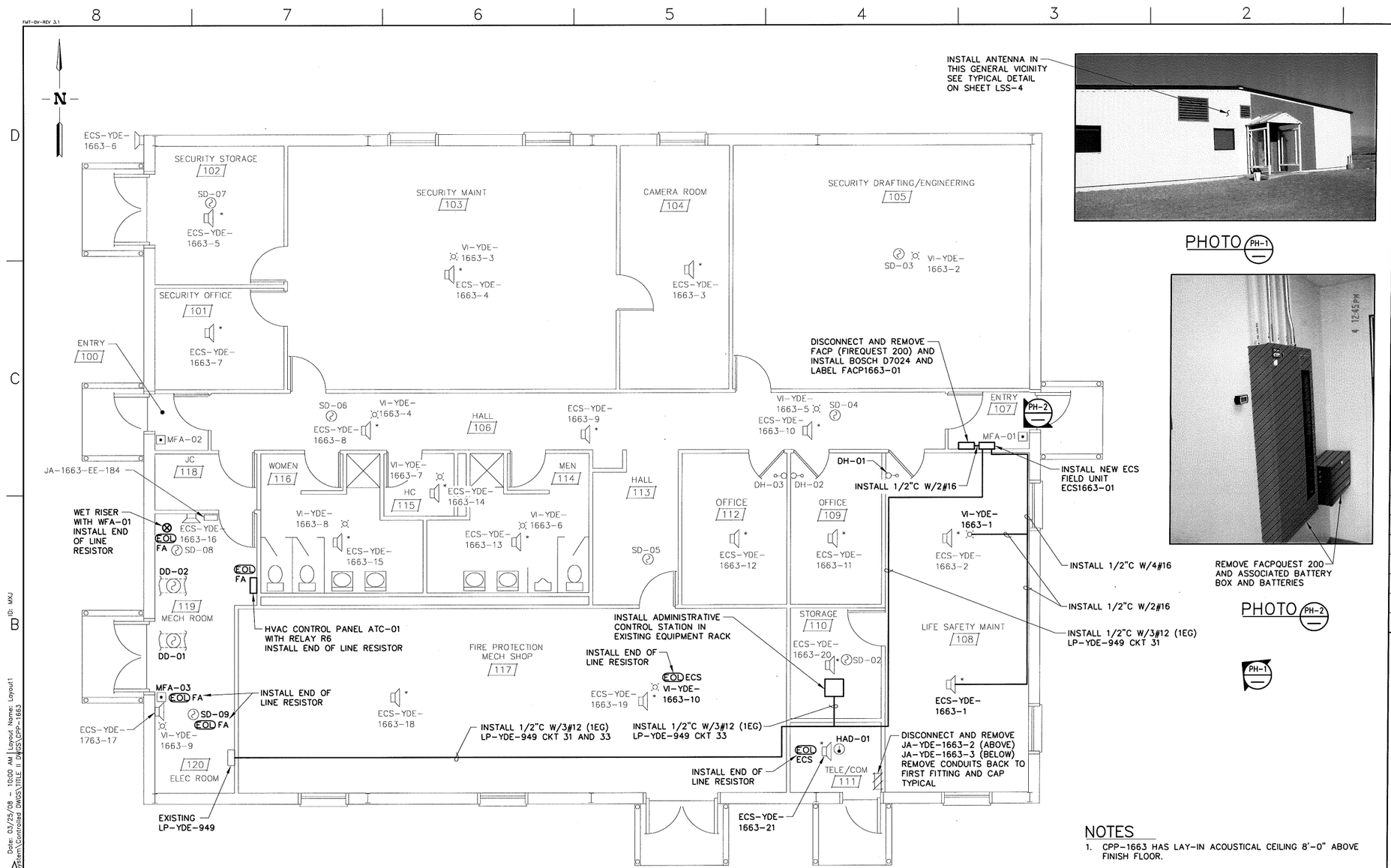
INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1662	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-189

MADE FROM DWG 426842 & 444635

File: LSS-189.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1662
Date: 03/19/08 - 3:23 PM | Layout Name: Layout1
ID: PENCRT



CPP-1663 FLOOR PLAN

SCALE: 1/4"=1'-0"

NOTES

1. CPP-1663 HAS LAY-IN ACOUSTICAL CEILING 8'-0" ABOVE FINISH FLOOR.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

CH2M-WG IDAHO, LLC

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1663 FLOOR PLAN AND PHOTOS

PROJECT NUMBER: 26372

EFFECTIVE DATE:

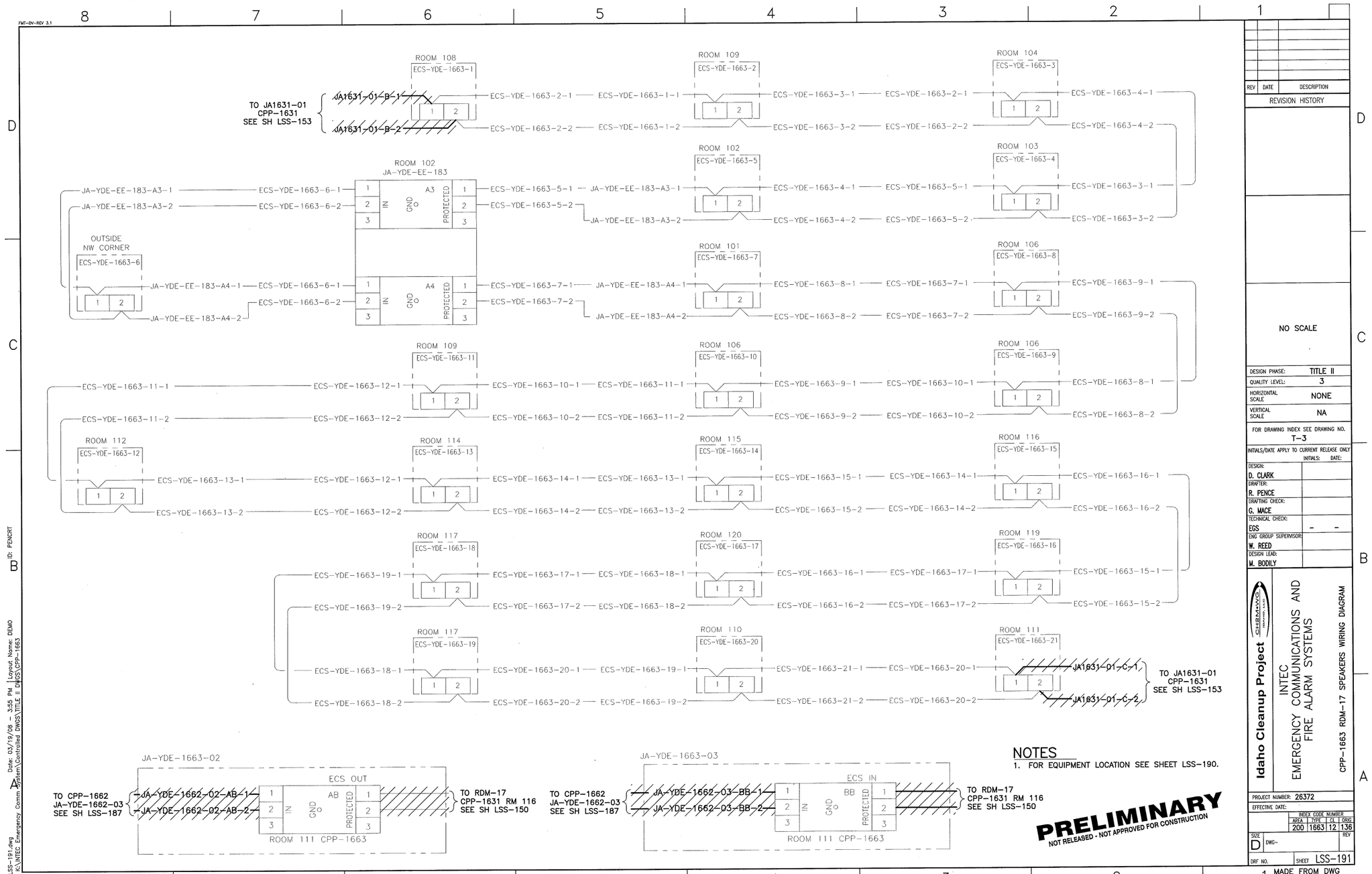
INDEX CODE NUMBER			
AREA	TYPE	G	DWG
200	1663	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-190

MADE FROM DWG 426841

File: LSS-190.dwg Path: K:\INTEC Emergency Comm System\Contructed DWGS\TITLE II DWGS\CPP-1663 Date: 03/25/08 - 10:00 AM Layout Name: Layout1 ID: MKJ



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-190.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1663 RDM-17 SPEAKERS WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1663	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-191

MADE FROM DWG 421068

File: LSS-191.dwg
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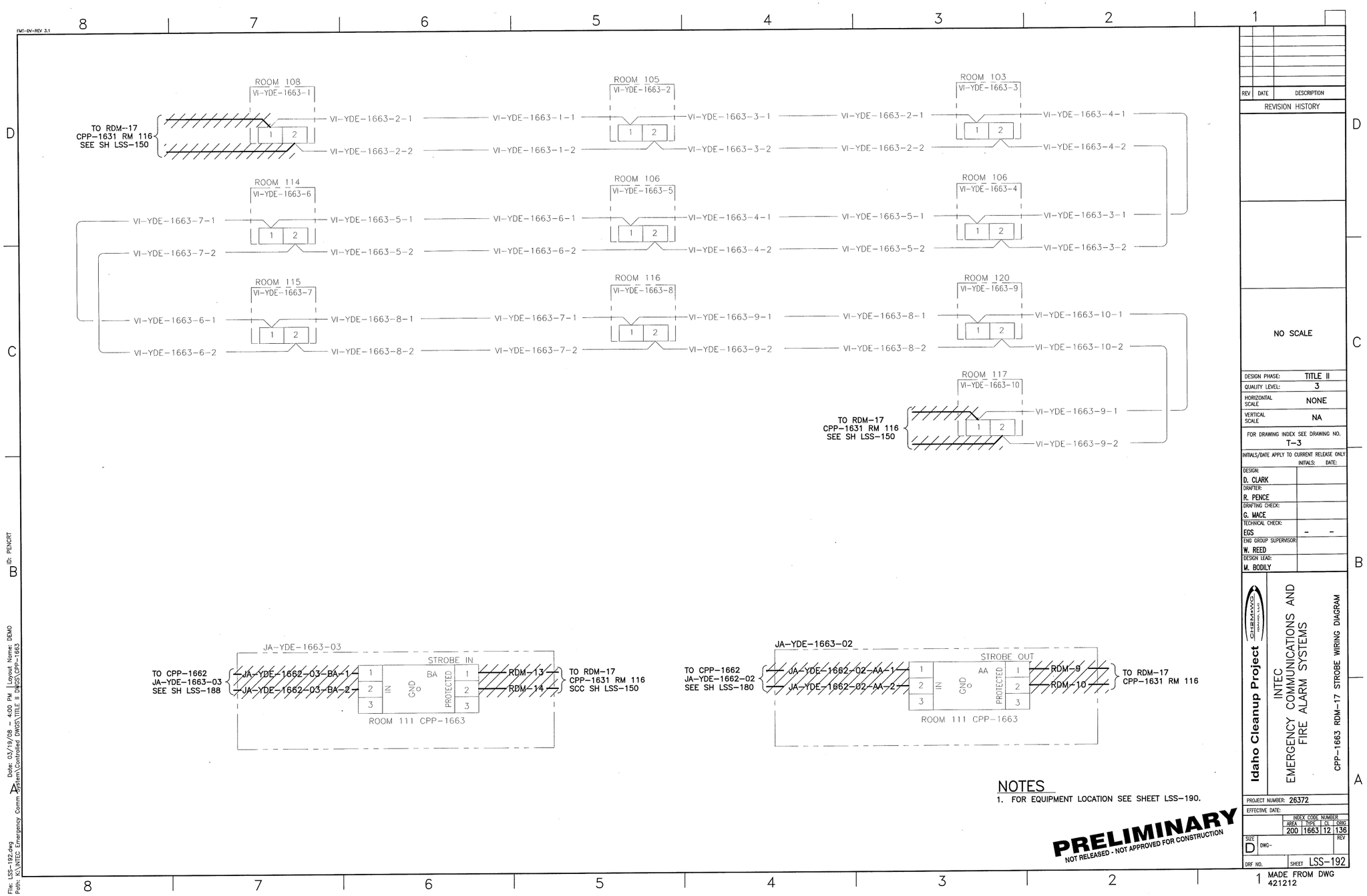
ID: PENCRT


FMT-DV-REV 3.1
ROOM 108
VI-YDE-1663-1
TO RDM-17
CPP-1631 RM 116
SEE SH LSS-150
VI-YDE-1663-2-1
VI-YDE-1663-2-2
VI-YDE-1663-1-1
VI-YDE-1663-1-2
ROOM 105
VI-YDE-1663-2
VI-YDE-1663-3-1
VI-YDE-1663-3-2
VI-YDE-1663-2-1
VI-YDE-1663-2-2
ROOM 103
VI-YDE-1663-3
VI-YDE-1663-4-1
VI-YDE-1663-4-2
ROOM 114
VI-YDE-1663-6
VI-YDE-1663-7-1
VI-YDE-1663-7-2
VI-YDE-1663-5-1
VI-YDE-1663-5-2
VI-YDE-1663-6-1
VI-YDE-1663-6-2
ROOM 106
VI-YDE-1663-5
VI-YDE-1663-4-1
VI-YDE-1663-4-2
VI-YDE-1663-5-1
VI-YDE-1663-5-2
ROOM 106
VI-YDE-1663-4
VI-YDE-1663-3-1
VI-YDE-1663-3-2
ROOM 115
VI-YDE-1663-7
VI-YDE-1663-6-1
VI-YDE-1663-6-2
VI-YDE-1663-8-1
VI-YDE-1663-8-2
VI-YDE-1663-7-1
VI-YDE-1663-7-2
ROOM 116
VI-YDE-1663-8
VI-YDE-1663-9-1
VI-YDE-1663-9-2
VI-YDE-1663-8-1
VI-YDE-1663-8-2
ROOM 120
VI-YDE-1663-9
VI-YDE-1663-10-1
VI-YDE-1663-10-2
ROOM 117
VI-YDE-1663-10
TO RDM-17
CPP-1631 RM 116
SEE SH LSS-150
VI-YDE-1663-9-1
VI-YDE-1663-9-2
JA-YDE-1663-03
STROBE IN
TO CPP-1662
JA-YDE-1663-03
SEE SH LSS-188
JA-YDE-1662-03-BA-1
JA-YDE-1662-03-BA-2
BA
IN
GND
PROTECTED
RDM-13
RDM-14
TO RDM-17
CPP-1631 RM 116
SCC SH LSS-150
ROOM 111 CPP-1663
JA-YDE-1663-02
STROBE OUT
TO CPP-1662
JA-YDE-1662-02
SEE SH LSS-180
JA-YDE-1662-02-AA-1
JA-YDE-1662-02-AA-2
AA
RDM-9
RDM-10
TO RDM-17
CPP-1631 RM 116
ROOM 111 CPP-1663
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-190.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NONE
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-3
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1663 RDM-17 STROBE WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL ORG
200 1663 12 136
SIZE D DWG- REV
DRF NO. SHEET LSS-192
MADE FROM DWG 421212
File: LSS-192.dwg
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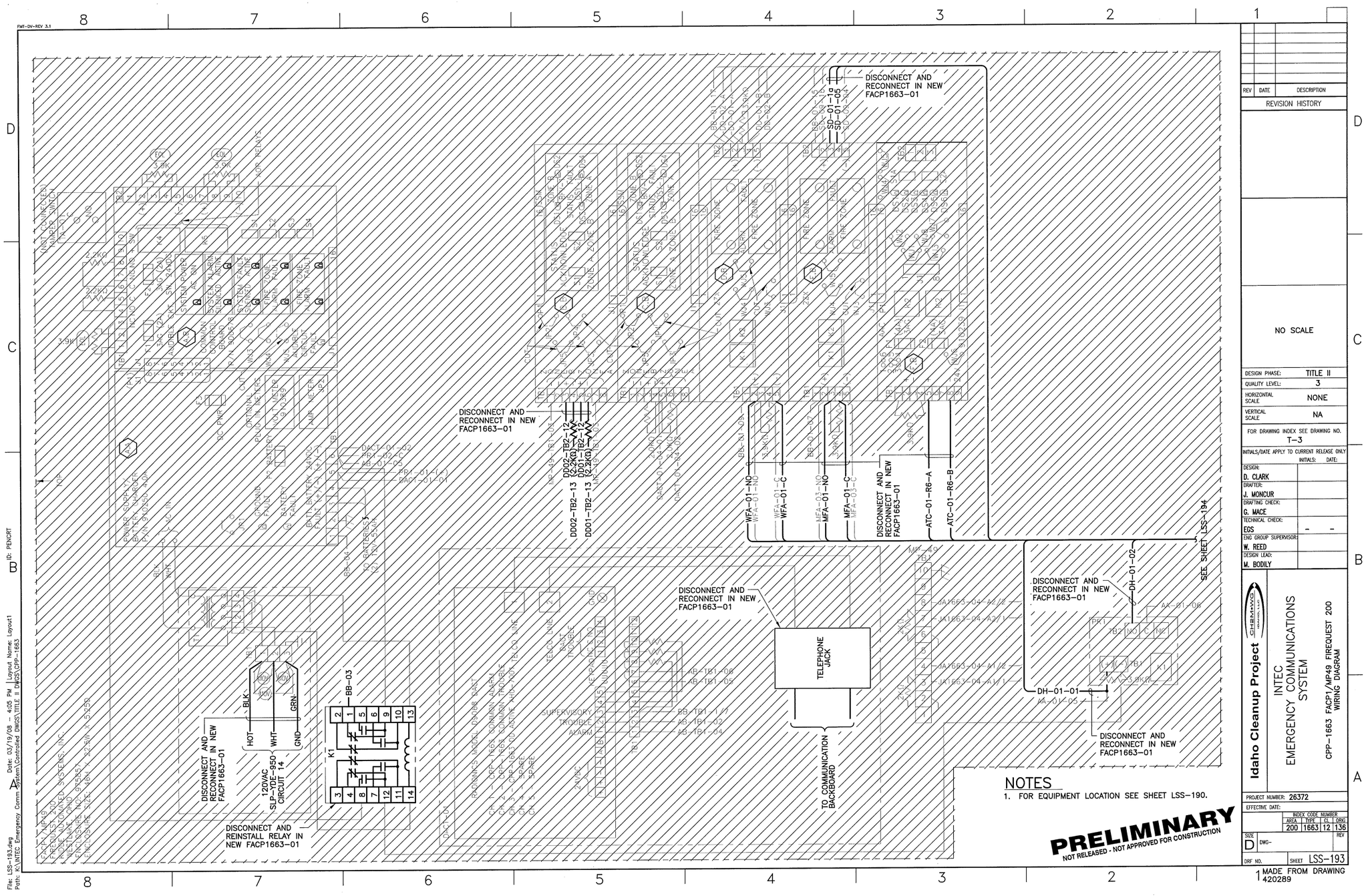
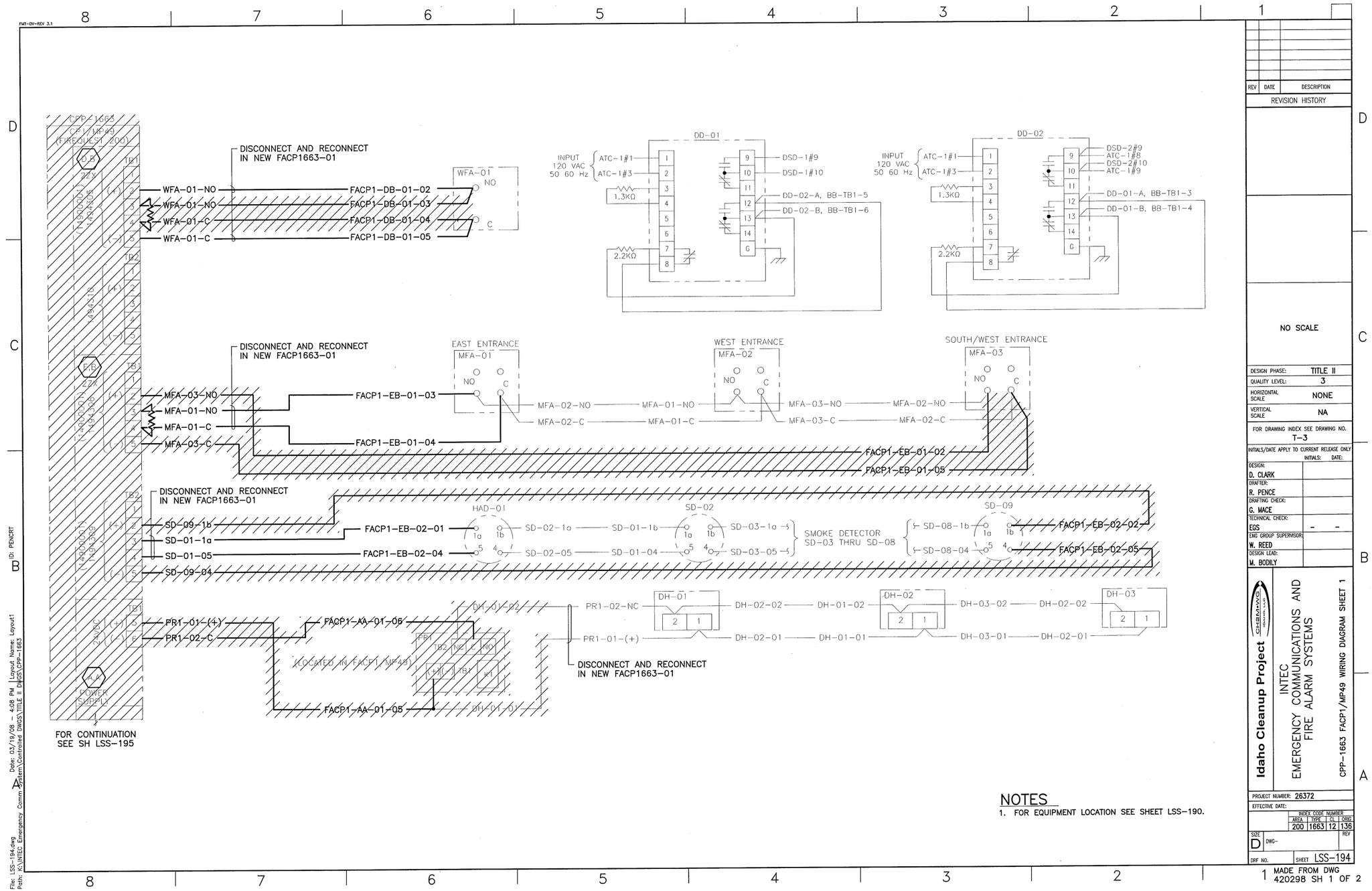
Date: 03/19/08 - 4:00 PM Layout Name: DEMO
ID: PENCRT


DISCONNECT AND RECONNECT IN NEW FACP1663-01
SD-01-1a
SD-01-05
DISCONNECT AND RECONNECT IN NEW FACP1663-01
DISCONNECT AND RECONNECT IN NEW FACP1663-01
DISCONNECT AND RECONNECT IN NEW FACP1663-01
DISCONNECT AND RECONNECT IN NEW FACP1663-01
DISCONNECT AND RECONNECT IN NEW FACP1663-01
DISCONNECT AND RECONNECT IN NEW FACP1663-01
DISCONNECT AND RECONNECT IN NEW FACP1663-01
DISCONNECT AND REINSTALL RELAY IN NEW FACP1663-01
TELEPHONE JACK
TO COMMUNICATION BACKBOARD
SEE SHEET LSS-194
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-190.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-3
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: J. MONCUR
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS SYSTEM
CPP-1663 FACP1/MP49 FIREQUEST 200 WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL ORIG
200 1663 12 136
SIZE D DWG- REV
DRF NO. SHEET LSS-193
MADE FROM DRAWING 420289



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-190.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1663 FACP1/MP49 WIRING DIAGRAM SHEET 1

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORG
200	1663	12	136

SIZE: D DWG- REV

DRF NO. SHEET LSS-194

MADE FROM DWG 420298 SH 1 OF 2

File: LSS-194.dwg
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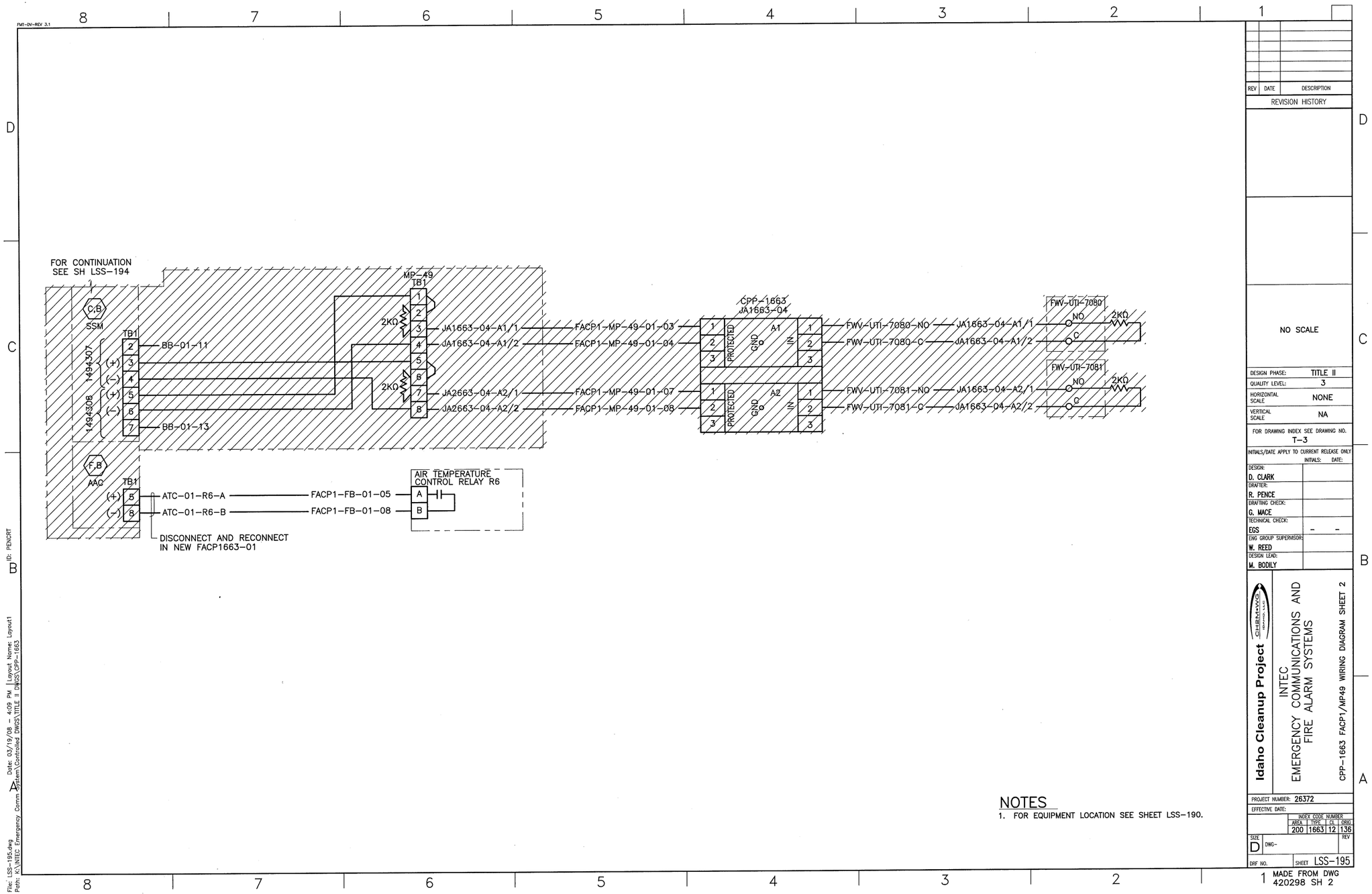
Date: 03/19/08 - 4:08 PM | Layout Name: Layout1 | D: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-190.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1663 FACP1/MP49 WIRING DIAGRAM SHEET 2

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1663	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-195

MADE FROM DWG 420298 SH 2

File: LSS-195.dwg
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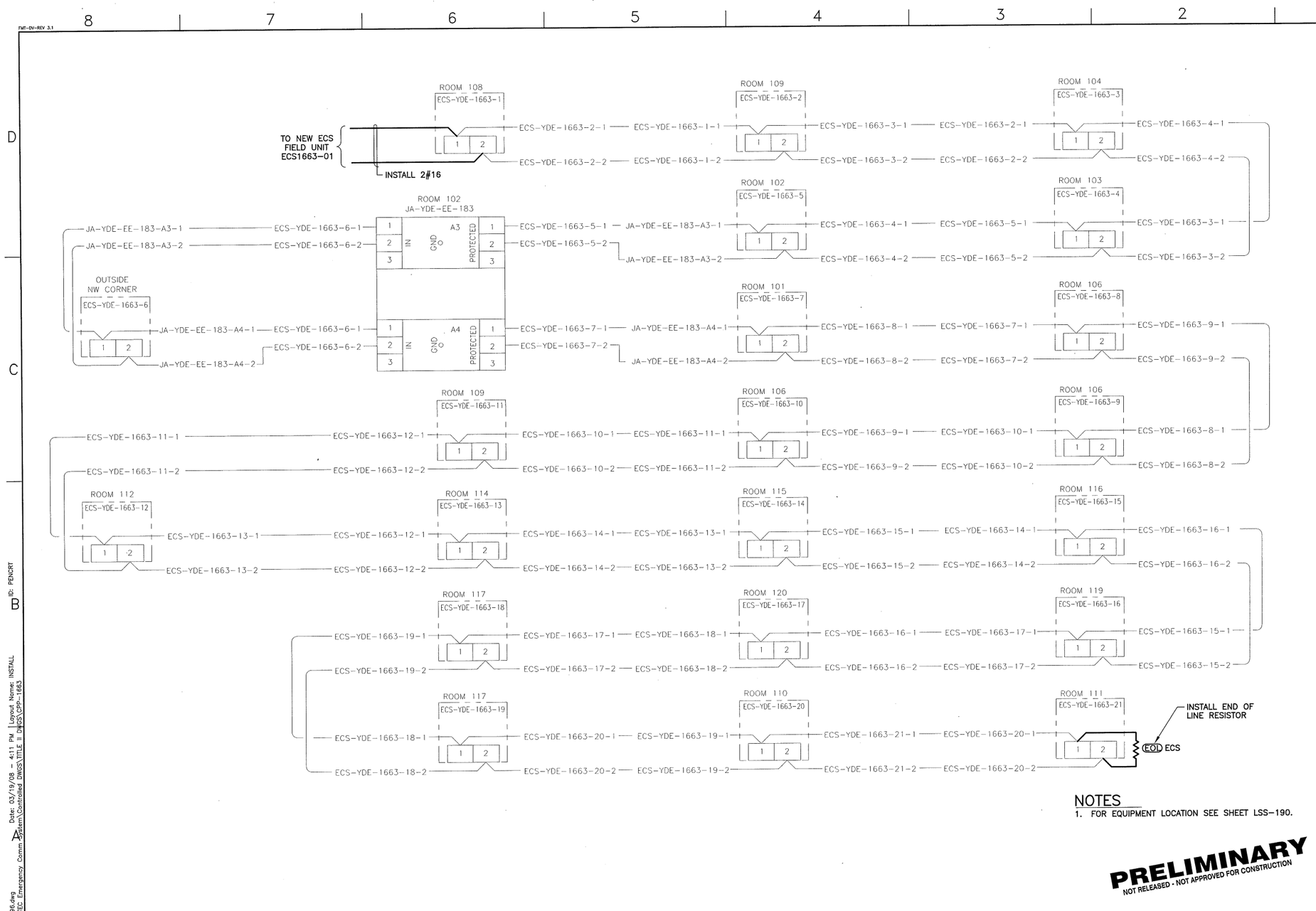
Date: 03/19/08 - 4:09 PM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-190.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP1663 ECS SPEAKER WIRING DIAGRAM

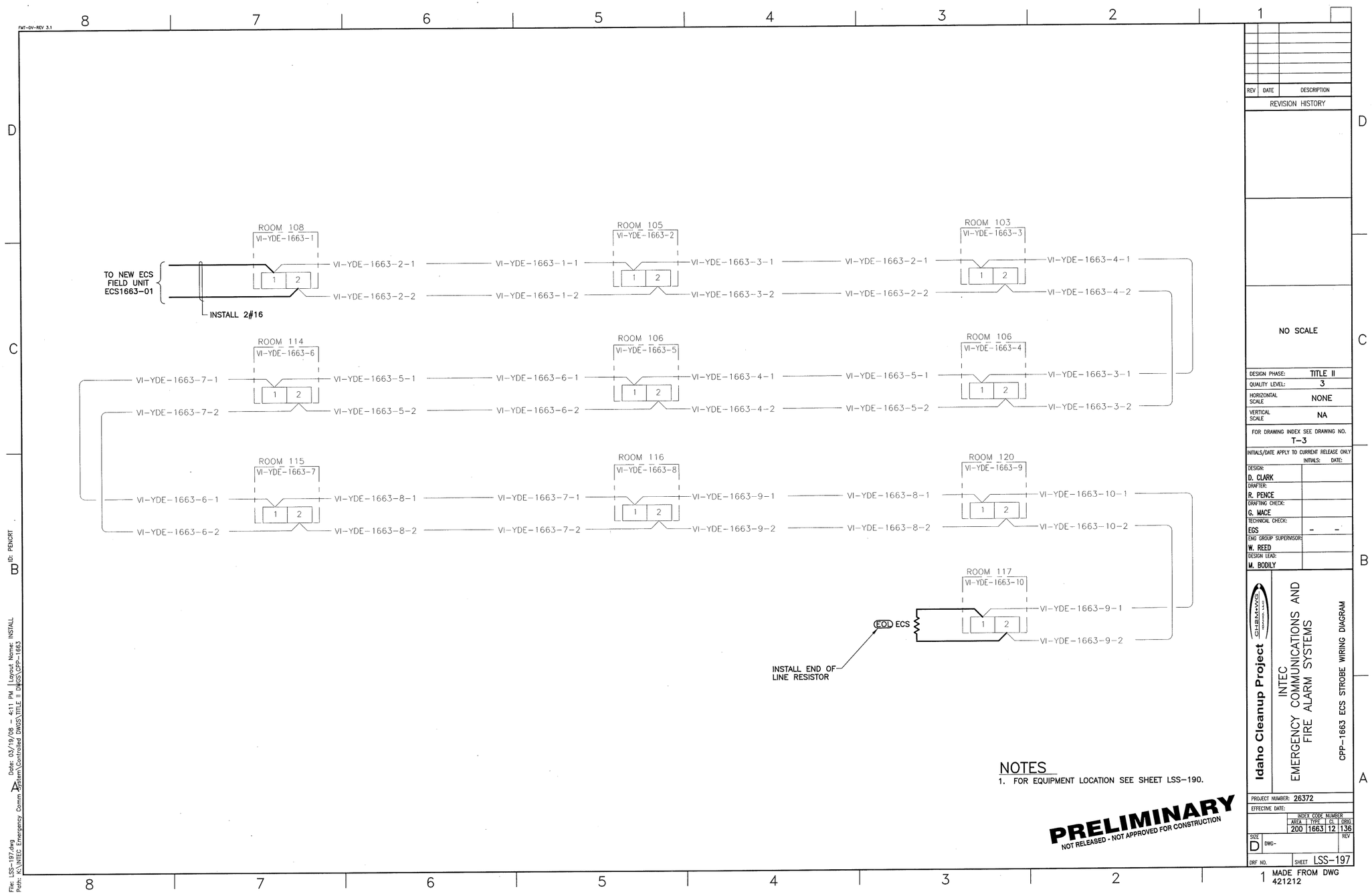
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1663	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-196

MADE FROM DWG 421068

File: LSS-196.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1663
Date: 03/19/08 - 4:11 PM | Layout Name: INSTALL
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-190.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1663 ECS STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

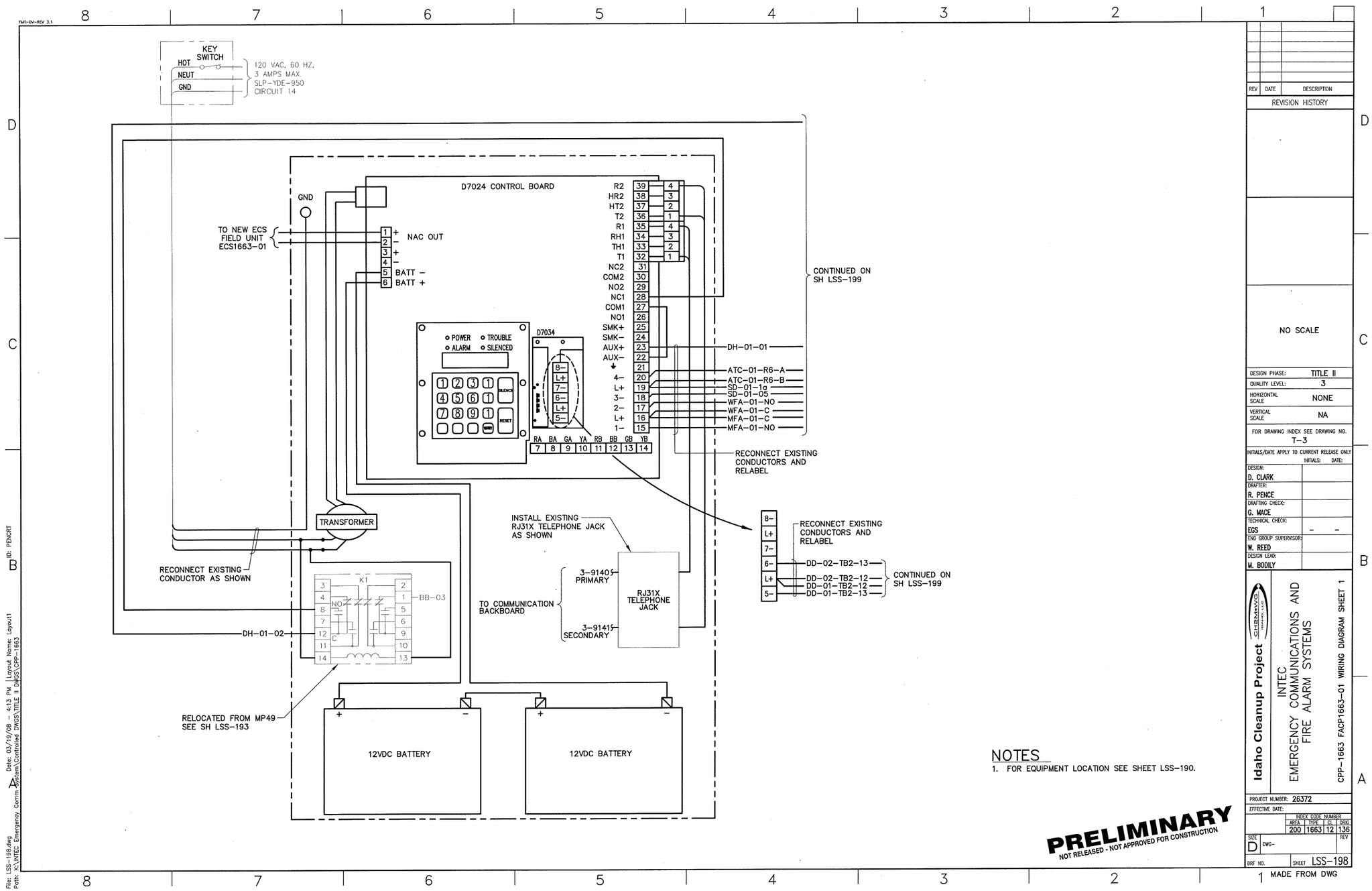
INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1663	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-197

MADE FROM DWG 421212

File: LSS-197.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1663
Date: 03/19/08 - 4:11 PM | Layout Name: INSTALL
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-190.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

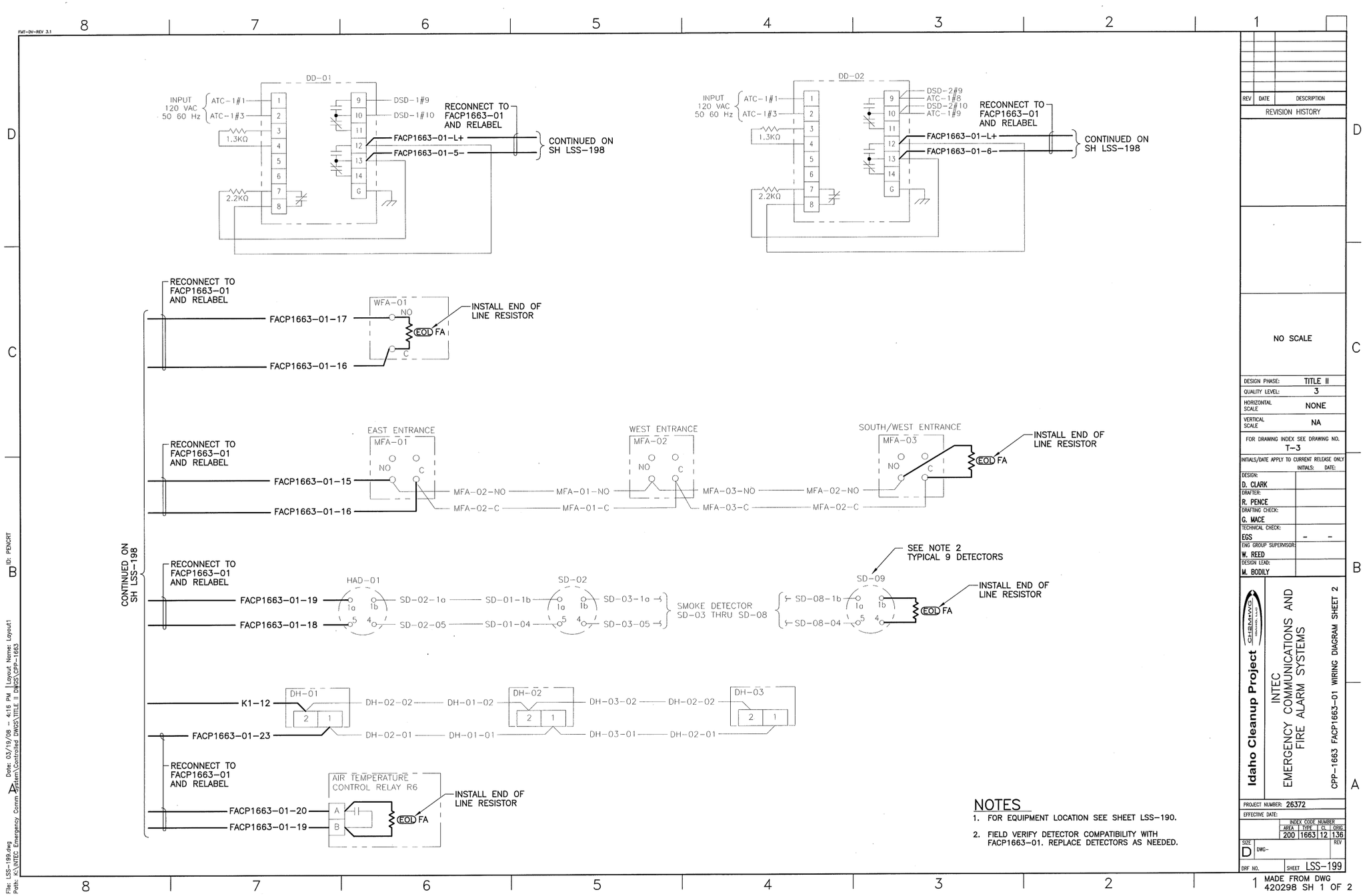
Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1663 FACP1663-01 WIRING DIAGRAM SHEET 1

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1663	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-198
MADE FROM DWG

File: LSS-198.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1663
Date: 03/19/08 - 4:13 PM | Layout Name: Layout1
ID: PENCRT



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-190.
2. FIELD VERIFY DETECTOR COMPATIBILITY WITH FACP1663-01. REPLACE DETECTORS AS NEEDED.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1663 FACP1663-01 WIRING DIAGRAM SHEET 2

PROJECT NUMBER: 26372

EFFECTIVE DATE:

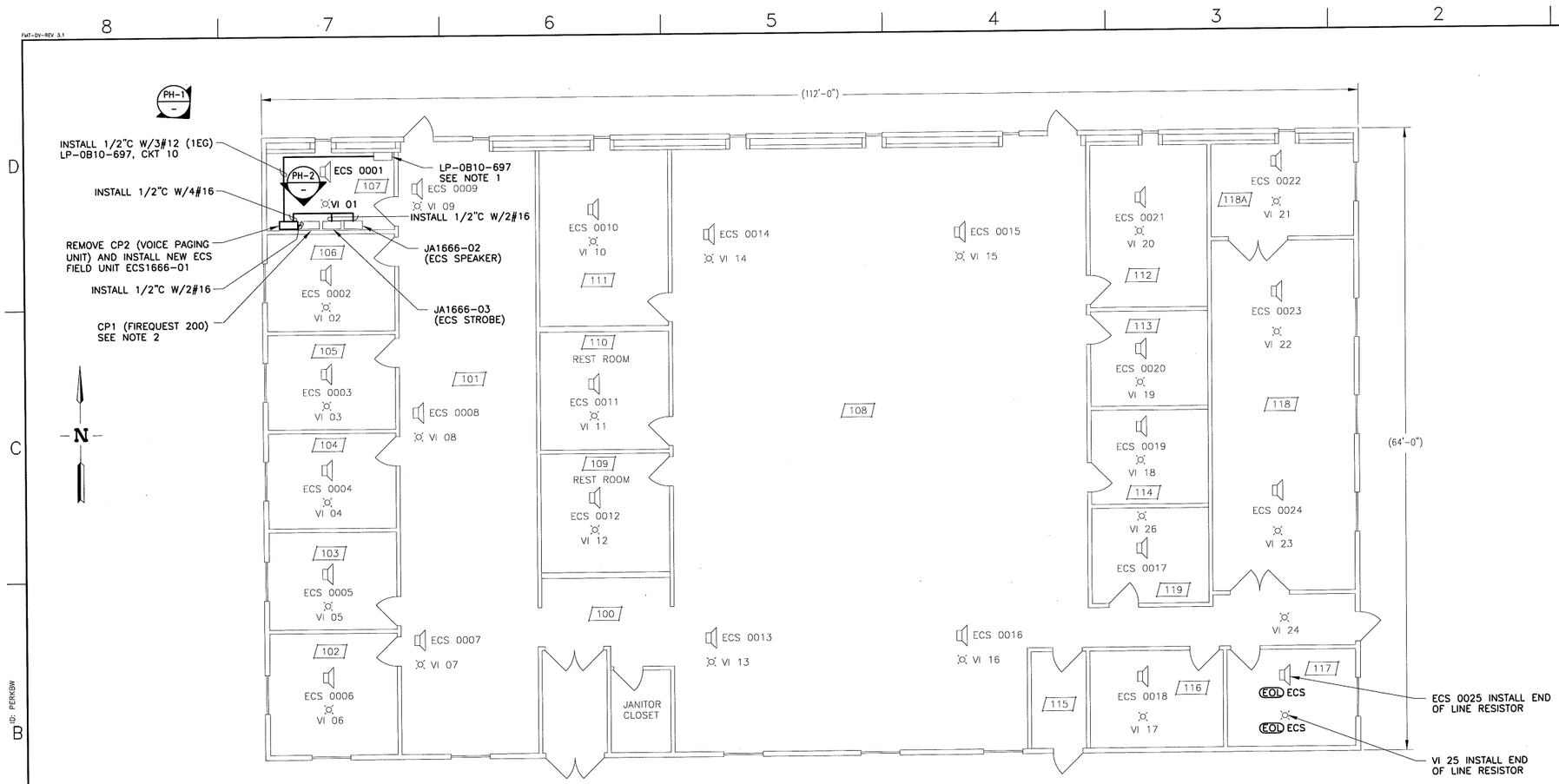
INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1663	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-199

MADE FROM DWG 420298 SH 1 OF 2

File: LSS-199.dwg Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1663 Date: 03/19/08 - 4:15 PM Layout Name: Layout1 ID: PENCRT



CPP-1666 FLOOR PLAN

SCALE: 3/16"=1'-0"

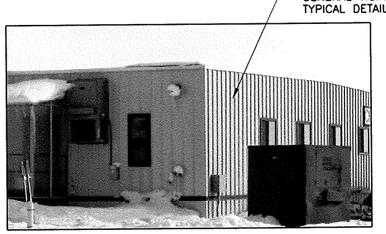


PHOTO PH-1

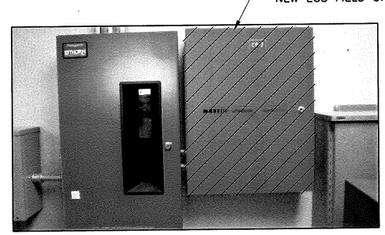


PHOTO PH-2

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTE

1. INSTALL A 20A IP BREAKER IN PANEL LP-0B10-697, CIRCUIT 10. PANEL IS A CUTLER HAMMER TYPE BR PANEL.
2. FOR TYPICAL FIREQUEST 200 CONNECTION DETAIL SEE SHEET LSS-5.

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/16" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1666 FLOOR PLAN AND PHOTOS

PROJECT NUMBER: 26372

EFFECTIVE DATE:

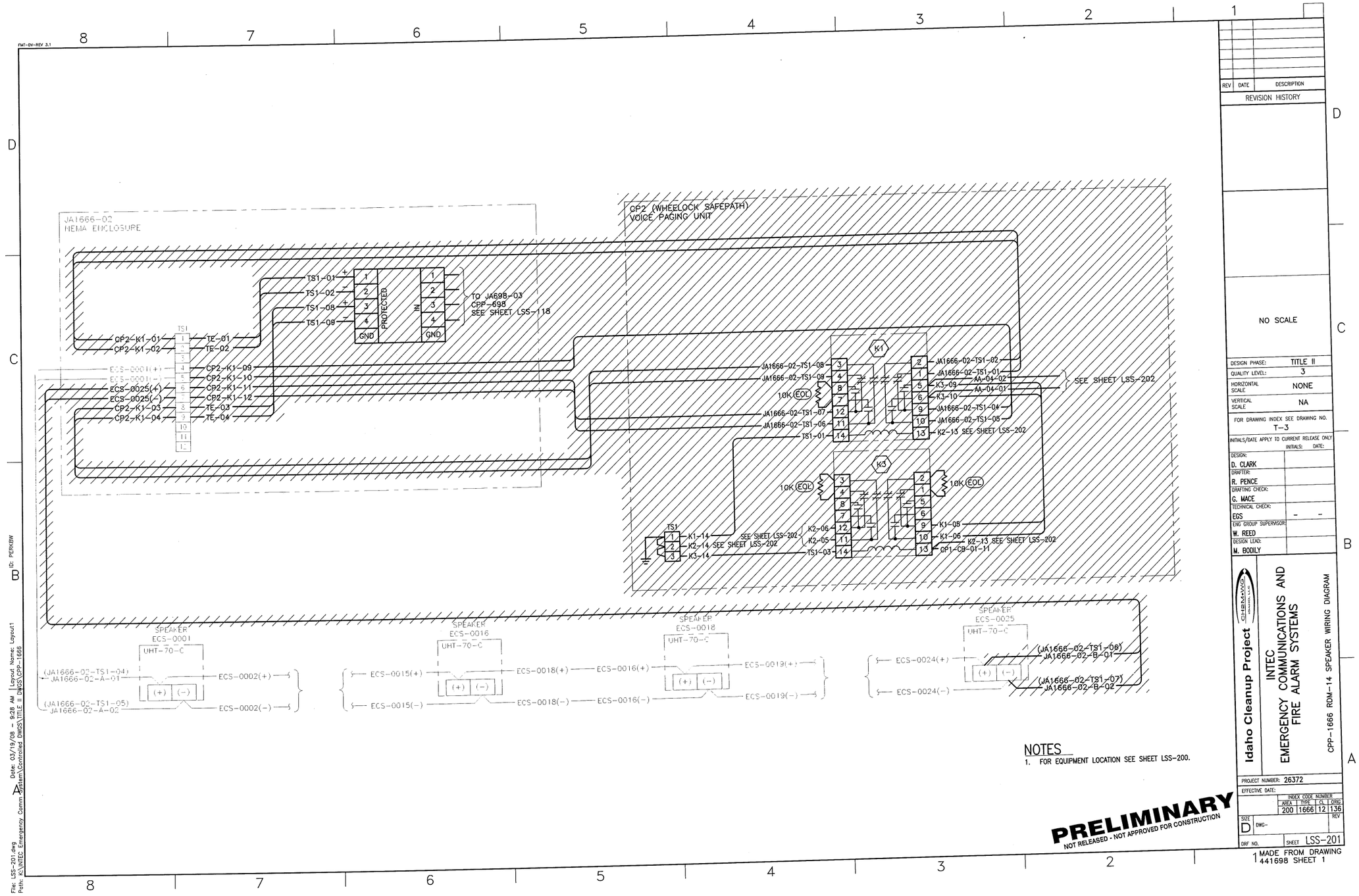
INDEX CODE NUMBER			
AREA	TYPE	CI	ORG
200	1666	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-200

MADE FROM DRAWING 441703

File: LSS-200.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1666
Date: 03/19/08 - 3:03 PM Layout Name: Layout1
ID: PERKBW



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-200.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	–	–
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

CH2MHILL
Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1666 RDM-14 SPEAKER WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

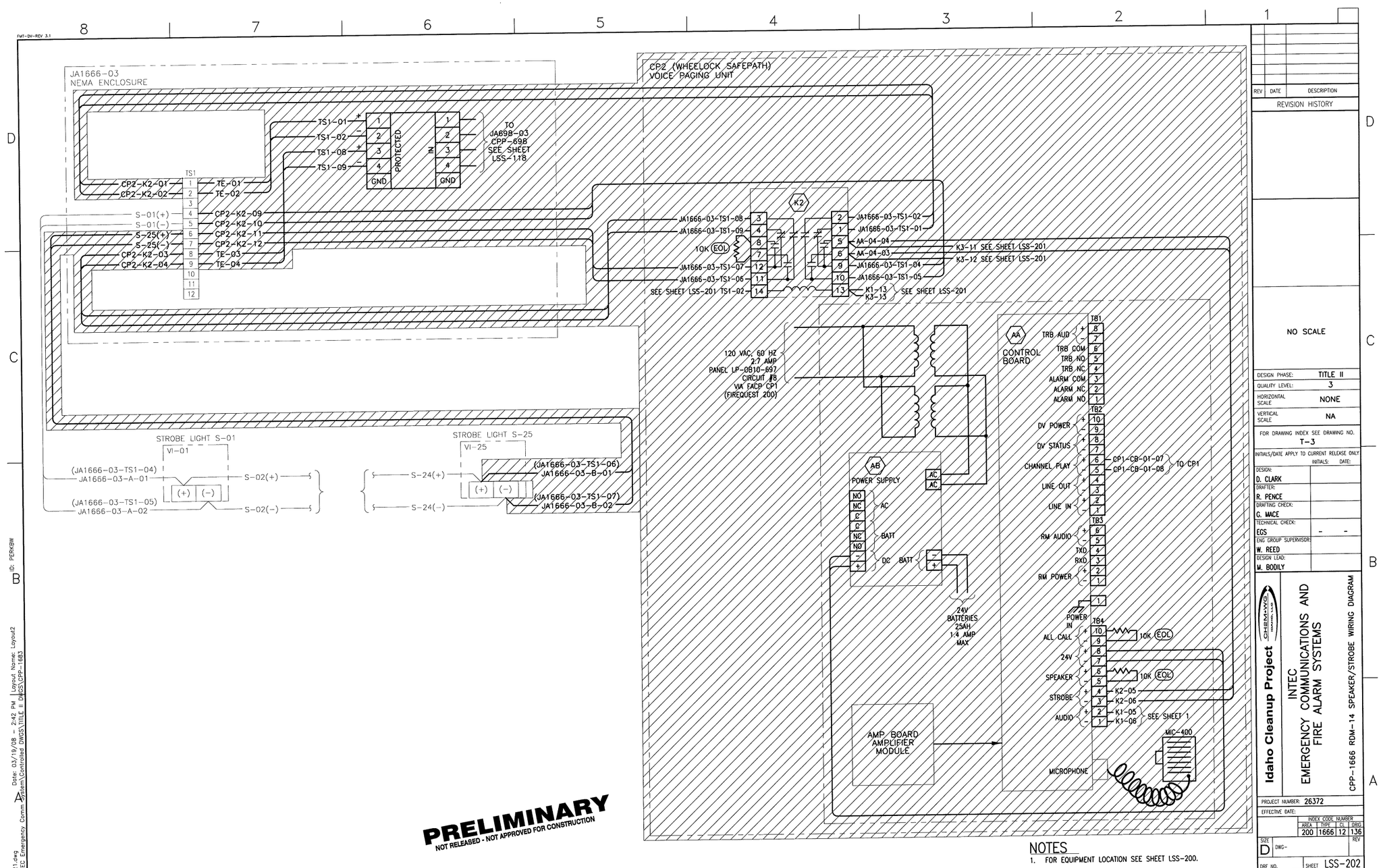
INDEX CODE NUMBER			
AREA	TYPE	CL	DRWG
200	1666	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-201

1 MADE FROM DRAWING 441698 SHEET 1

File: LSS-201.dwg
Path: X:\INTEC Emergency Comm System\Contract DWGS\TITLE II DWGS\CPP-1666
Date: 03/19/08 - 9:08 AM | Layout Name: Layout1
ID: PERKBW



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-200.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1666 RDM-14 SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

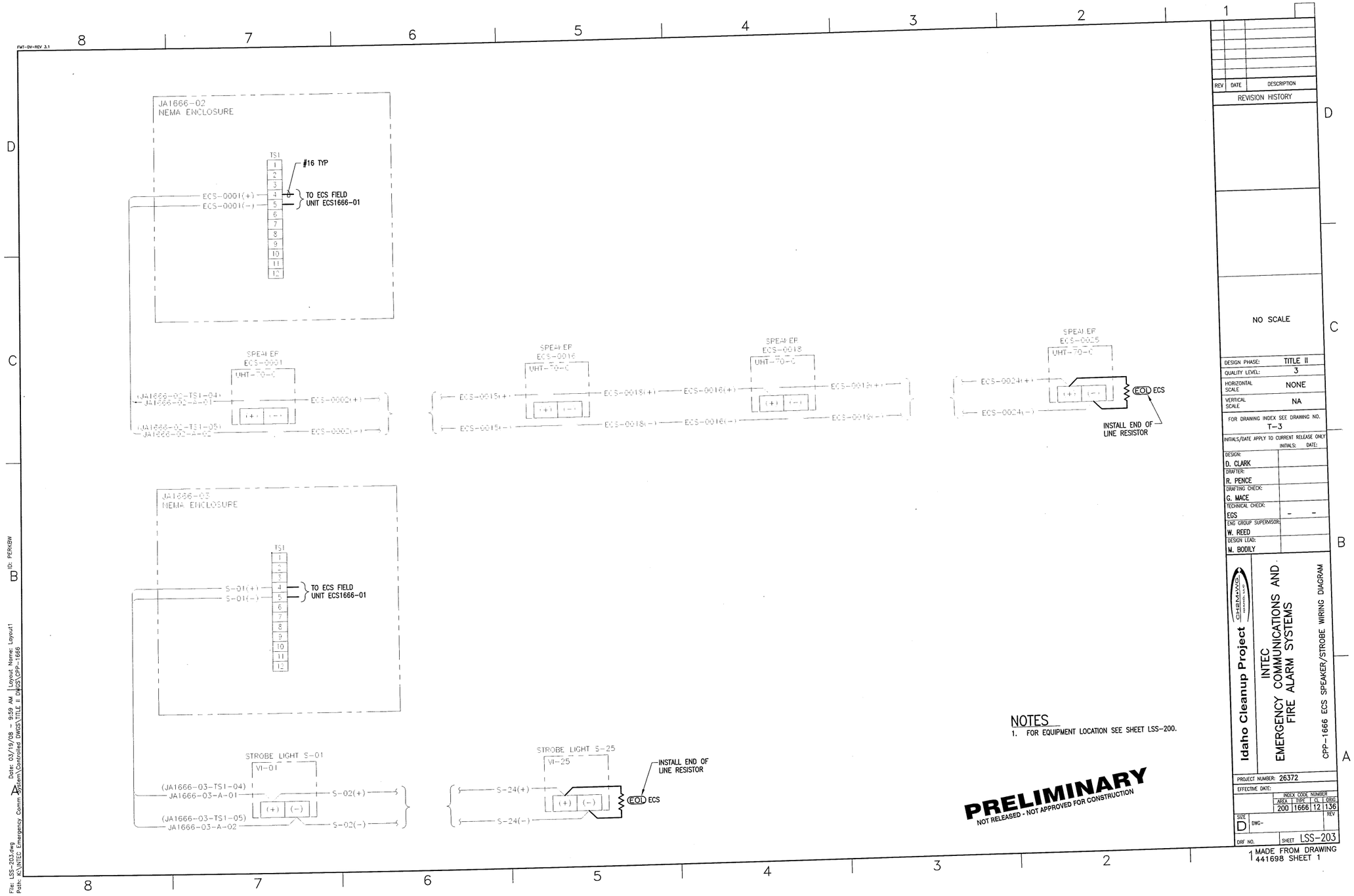
INDEX CODE NUMBER			
AREA	TYPE	CL	DRG
200	1666	12	136

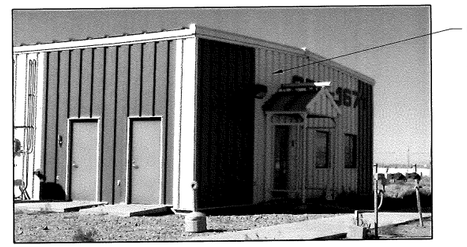
SIZE D DWG- REV

DRF NO. SHEET LSS-202

1 MADE FROM DRAWING 441698 SHEET 2

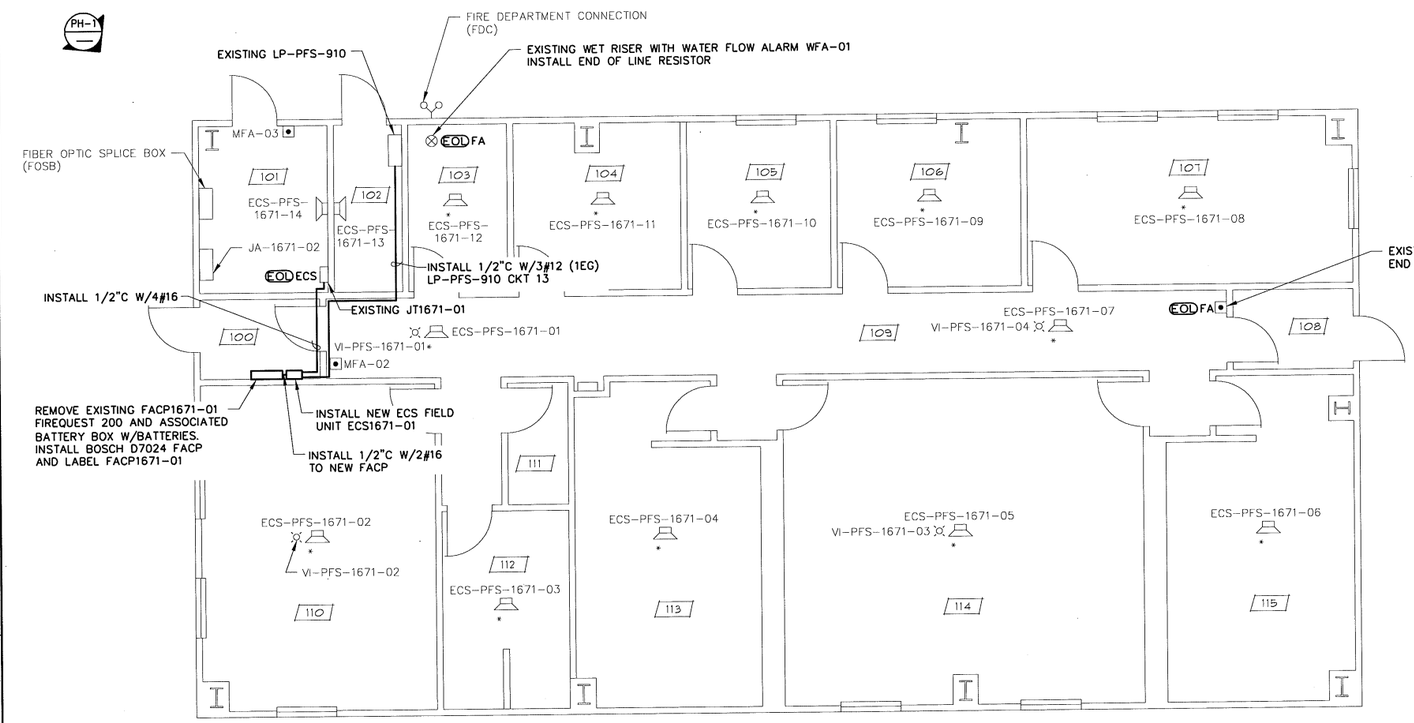
File: LSS-221.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1683
Date: 03/19/08 - 2:42 PM | Layout Name: Layout2
ID: PERKBW


JA1666-02
NEMA ENCLOSURE
TS1
#16 TYP
ECS-0001(+)
ECS-0001(-)
TO ECS FIELD UNIT ECS1666-01
SPEAKER ECS-0001
UHT-70-C
(JA1666-02-TS1-04)
JA1666-02-A-01
(JA1666-02-TS1-05)
JA1666-02-A-02
ECS-0002(+)
ECS-0002(-)
SPEAKER ECS-0016
SPEAKER ECS-0018
SPEAKER ECS-0025
ECS-0015(+)
ECS-0015(-)
ECS-0018(+)
ECS-0018(-)
ECS-0016(+)
ECS-0016(-)
ECS-0019(+)
ECS-0019(-)
ECS-0024(+)
ECS-0024(-)
EOL ECS
INSTALL END OF LINE RESISTOR
JA1666-03
NEMA ENCLOSURE
S-01(+)
S-01(-)
TO ECS FIELD UNIT ECS1666-01
STROBE LIGHT S-01
VI-01
(JA1666-03-TS1-04)
JA1666-03-A-01
(JA1666-03-TS1-05)
JA1666-03-A-02
S-02(+)
S-02(-)
STROBE LIGHT S-25
VI-25
S-24(+)
S-24(-)
INSTALL END OF LINE RESISTOR
EOL ECS
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NO SCALE
REV DATE DESCRIPTION
REVISION HISTORY
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-3
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
CH2MHILL
Idaho Cleanup Project
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1666 ECS SPEAKER/STROBE WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL DBIG
200 1666 12 136
SIZE D DWG- REV
DRF NO. SHEET LSS-203
1 MADE FROM DRAWING 441698 SHEET 1
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-200.
File: LSS-203.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1666
Date: 03/19/08 - 9:59 AM | Layout Name: Layout1
ID: PERKBW



INSTALL ANTENNA IN THIS GENERAL VICINITY SEE TYPICAL DETAIL ON SHEET LSS-4

PHOTO PH-1



CPP-1671 FLOOR PLAN
SCALE: 1/4"=1'-0"

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1/4" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1671 FLOOR PLAN AND PHOTO

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1671	12	136

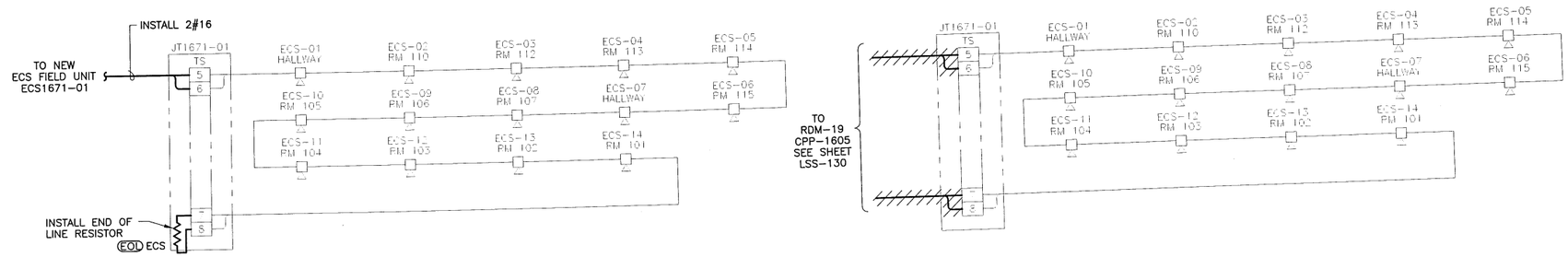
SIZE D DWG- REV

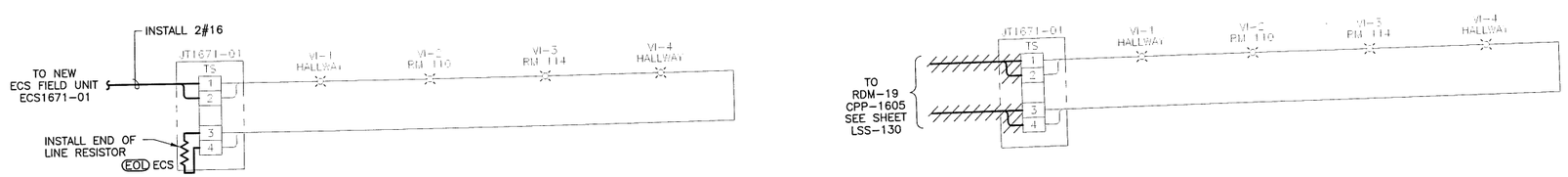
DRF NO. SHEET LSS-204

LSS-7163

MADE FROM DWG 623920 & 623919

File: LSS-204.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1671
Date: 03/19/08 - 2:42 PM | Layout Name: Sheet 1
ID: PERKBW





NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-204.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1671 SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DRSG
200	1671	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-205

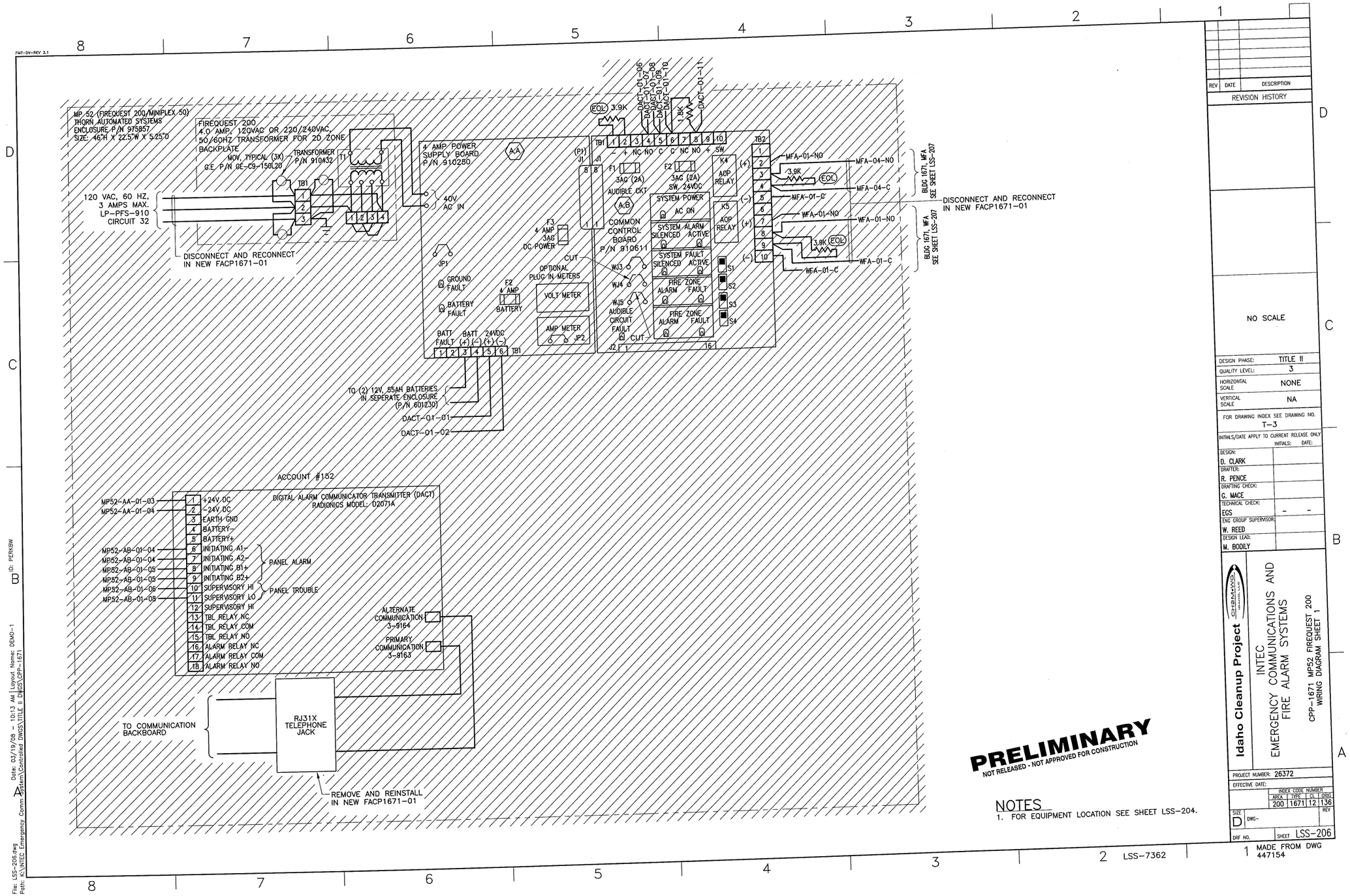
LSS-7380 1 MADE FROM DWG 183795

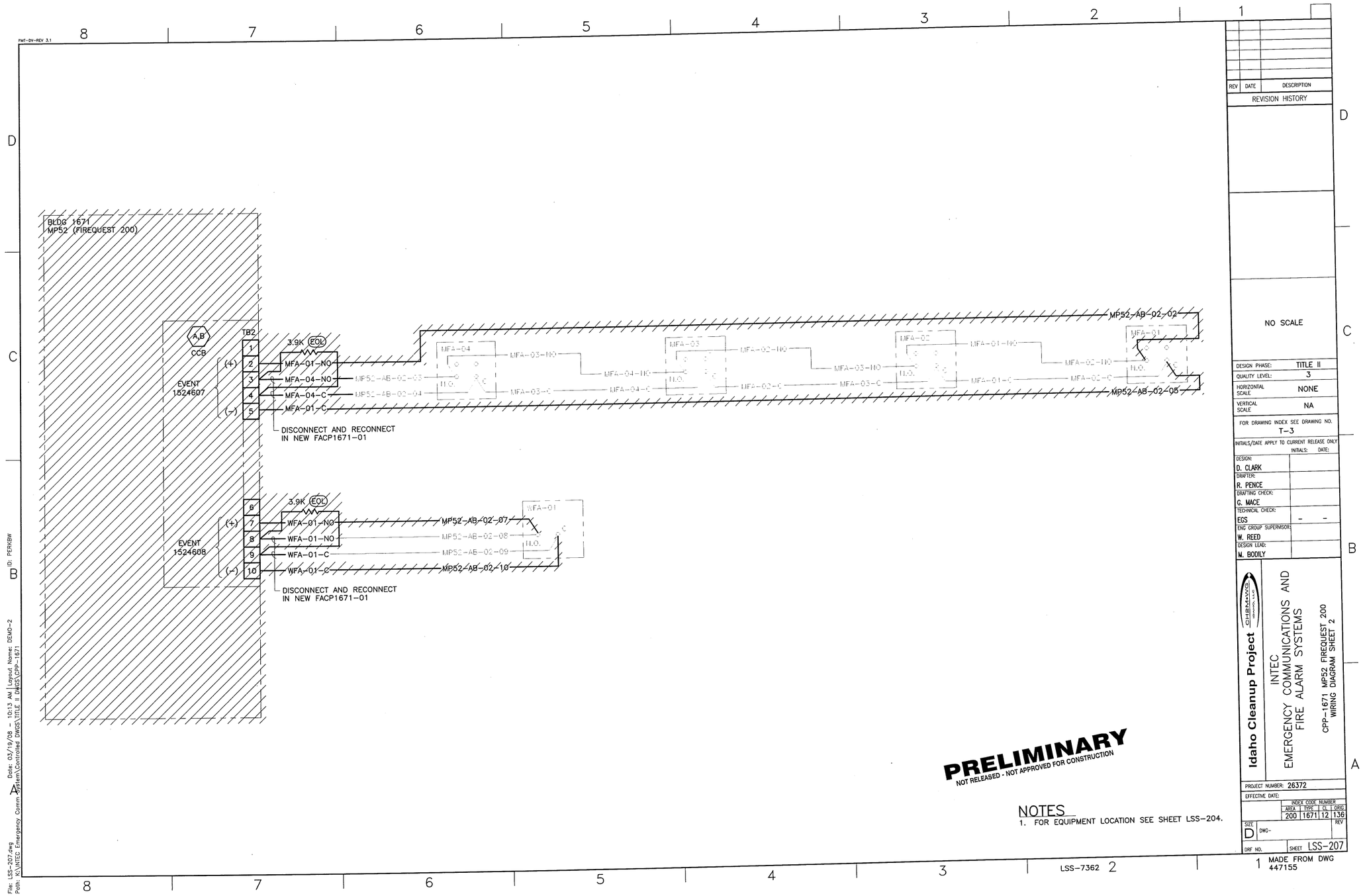
FMT-DV-REV 3.1

ID: PERKGW

Date: 03/19/08 - 10:09 AM Layout Name: Layout1
Path: R:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1671

File: LSS-205.dwg


MP 52 (FIREQUEST 200/MINIPLEX 50)
THORN AUTOMATED SYSTEMS
ENCLOSURE P/N 975857
SIZE: 46"H X 22.5"W X 9.25"D
FIREQUEST 200
4.0 AMP, 120VAC OR 220/240VAC,
50/60HZ TRANSFORMER FOR 20 ZONE
BACKPLATE
MOV, TYPICAL (3X)
TRANSFORMER
P/N 910432
G.E. P/N GE-C9-150L20
120 VAC, 60 HZ,
3 AMPS MAX.
LP-PFS-910
CIRCUIT 32
DISCONNECT AND RECONNECT
IN NEW FACP1671-01
4 AMP POWER
SUPPLY BOARD
P/N 910250
40V
AC IN
GROUND
FAULT
BATTERY
FAULT
F2
4 AMP
BATTERY
BATT FAULT
BATT (+)
BATT (-)
24VDC (+)
24VDC (-)
TO (2) 12V, 85AH BATTERIES
IN SEPERATE ENCLOSURE
(P/N 601230)
DACT-01-01
DACT-01-02
F3
4 AMP
3AG
DC POWER
OPTIONAL
PLUG IN METERS
VOLT METER
AMP METER
JP2
EOL 3.9K
1.8K
DACT-01-06
DACT-01-07
DACT-01-08
DACT-01-09
DACT-01-10
DACT-01-11
F1
3AG (2A)
AUDIBLE CKT
F2
3AG (2A)
SW. 24VDC
COMMON
CONTROL
BOARD
P/N 910611
SYSTEM POWER
AC ON
SYSTEM ALARM
SILENCED
ACTIVE
SYSTEM FAULT
SILENCED
ACTIVE
FIRE ZONE
ALARM
FAULT
FIRE ZONE
ALARM
FAULT
AUDIBLE
CIRCUIT
FAULT
CUT
K4
AOP
RELAY
K5
AOP
RELAY
MFA-01-NO
MFA-04-NO
MFA-04-C
MFA-01-C
WFA-01-NO
WFA-01-C
BLDG 1671, MFA
SEE SHEET LSS-207
DISCONNECT AND RECONNECT
IN NEW FACP1671-01
ACCOUNT #152
DIGITAL ALARM COMMUNICATOR TRANSMITTER (DACT)
RADIONICS MODEL: D2071A
MP52-AA-01-03
MP52-AA-01-04
+24V DC
-24V DC
EARTH GND
BATTERY-
BATTERY+
MP52-AB-01-04
MP52-AB-01-04
MP52-AB-01-05
MP52-AB-01-05
MP52-AB-01-06
MP52-AB-01-08
INITIATING A1-
INITIATING A2-
INITIATING B1+
INITIATING B2+
SUPERVISORY HI
SUPERVISORY LO
SUPERVISORY HI
TBL RELAY NC
TBL RELAY COM
TBL RELAY NO
ALARM RELAY NC
ALARM RELAY COM
ALARM RELAY NO
PANEL ALARM
PANEL TROUBLE
ALTERNATE
COMMUNICATION
3-9164
PRIMARY
COMMUNICATION
3-9163
TO COMMUNICATION
BACKBOARD
RJ31X
TELEPHONE
JACK
REMOVE AND REINSTALL
IN NEW FACP1671-01
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-204.
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NONE
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-3
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: R. PENCE
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1671 MP52 FIREQUEST 200
WIRING DIAGRAM SHEET 1
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL DISC
200 1671 12 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-206
LSS-7362
MADE FROM DWG
447154
File: LSS-206.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1671
Date: 03/19/08 - 10:13 AM Layout Name: DEMO-1
ID: PERKGW



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-204.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: W. BODILY		

CH2MHILL

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1671 MP52 FIREQUEST 200
WIRING DIAGRAM SHEET 2

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1671	12	136

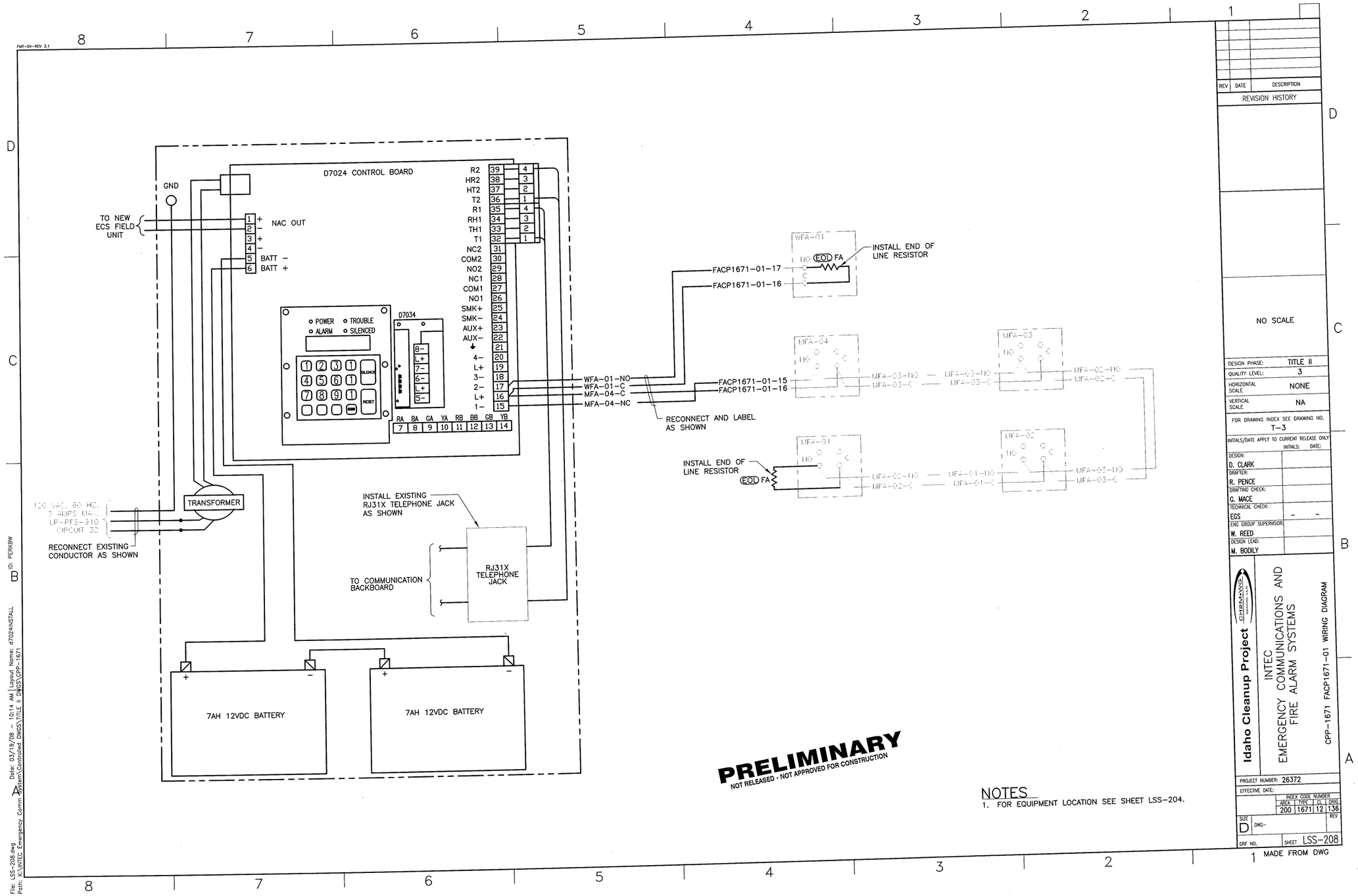
SIZE D DWG- REV

DRF NO. SHEET LSS-207

LSS-7362

MADE FROM DWG 447155

File: LSS-207.dwg
Path: A:\INTEC Emergency Comm System\Controlled Dwgs\TITLE II Dwgs\CPP-1671
Date: 03/19/08 - 10:13 AM | Layout Name: DEMO-2
ID: PERKREW



NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-204.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	–	–
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

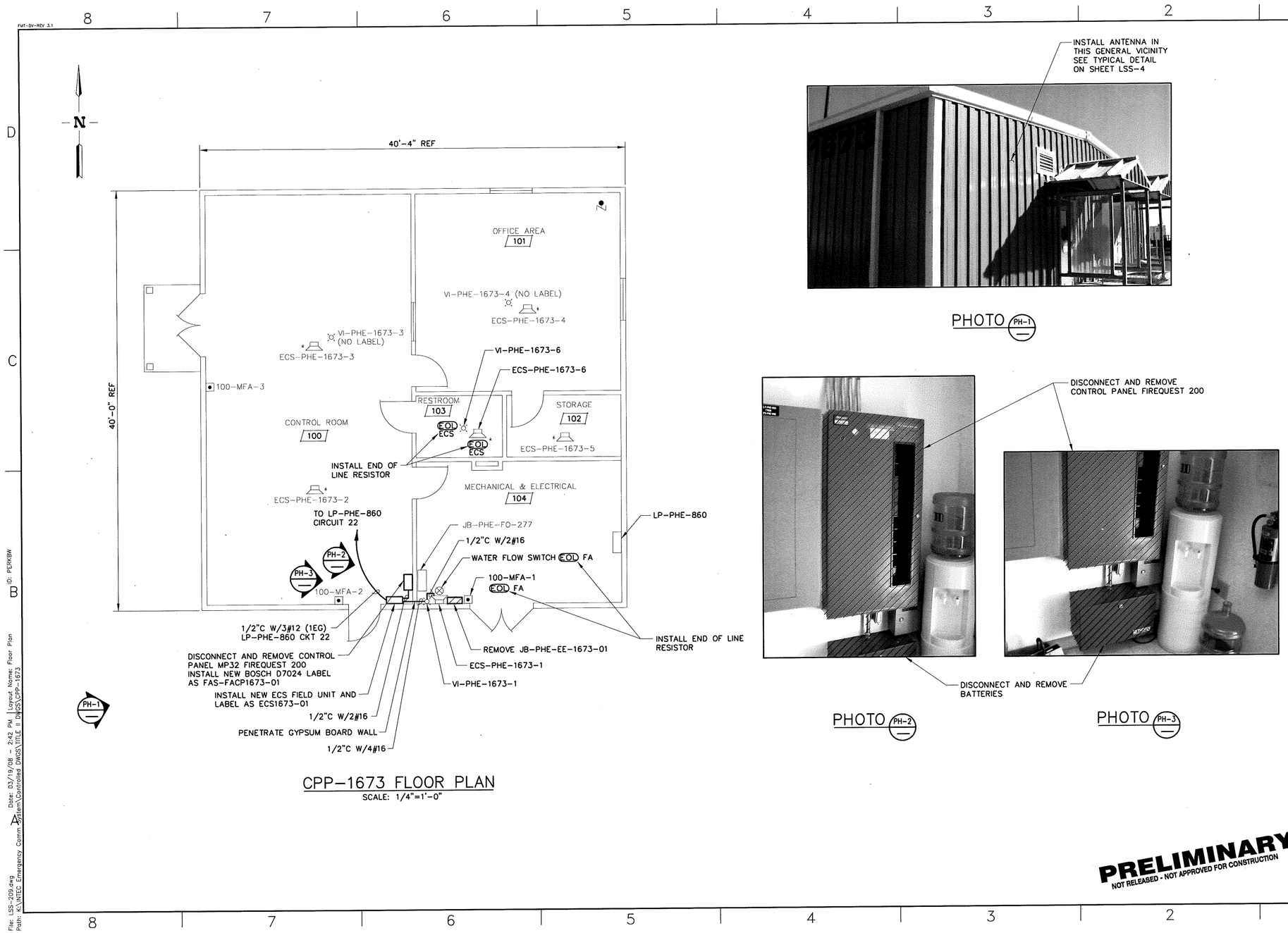
Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1671 FACP1671-01 WIRING DIAGRAM

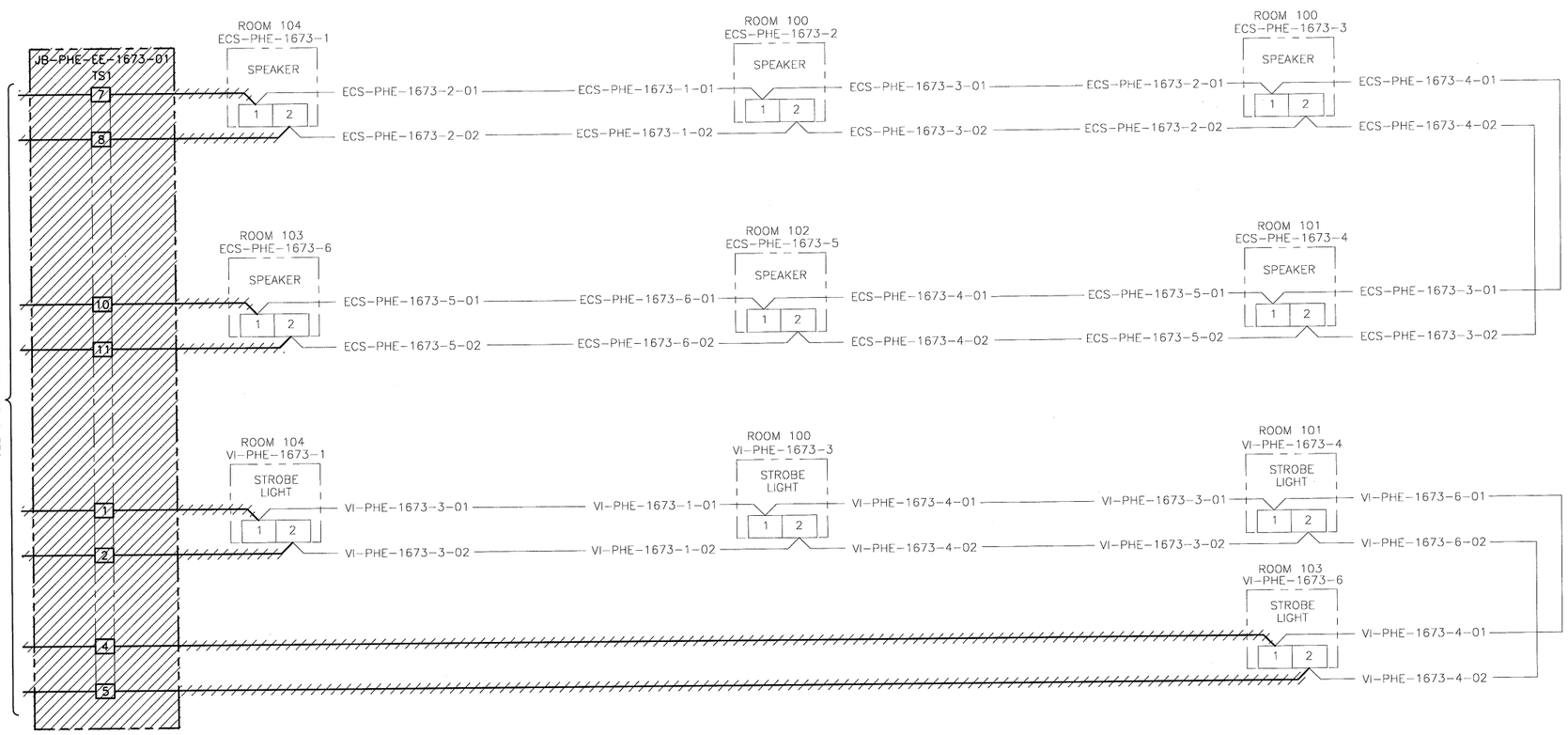
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	Cx	ORIG
200	1671	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-208
MADE FROM DWG

File: LSS-208.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1671
Date: 03/19/08 – 10:14 AM Layout Name: d7024INSTALL
ID: PERKBW


N
40'-4" REF
40'-0" REF
OFFICE AREA
101
VI-PHE-1673-4 (NO LABEL)
ECS-PHE-1673-4
VI-PHE-1673-3
(NO LABEL)
ECS-PHE-1673-3
VI-PHE-1673-6
ECS-PHE-1673-6
100-MFA-3
RESTROOM
103
STORAGE
102
CONTROL ROOM
100
EOL
ECS
ECS-PHE-1673-5
INSTALL END OF
LINE RESISTOR
MECHANICAL & ELECTRICAL
104
ECS-PHE-1673-2
TO LP-PHE-860
CIRCUIT 22
JB-PHE-FO-277
LP-PHE-860
1/2"C W/2#16
WATER FLOW SWITCH EOL FA
100-MFA-1
EOL FA
PH-2
PH-3
100-MFA-2
1/2"C W/3#12 (1EG)
LP-PHE-860 CKT 22
DISCONNECT AND REMOVE CONTROL
PANEL MP32 FIREQUEST 200
INSTALL NEW BOSCH D7024 LABEL
AS FAS-FACP1673-01
INSTALL NEW ECS FIELD UNIT AND
LABEL AS ECS1673-01
1/2"C W/2#16
PENETRATE GYPSUM BOARD WALL
1/2"C W/4#16
REMOVE JB-PHE-EE-1673-01
ECS-PHE-1673-1
VI-PHE-1673-1
INSTALL END OF LINE
RESISTOR
PH-1
CPP-1673 FLOOR PLAN
SCALE: 1/4"=1'-0"
INSTALL ANTENNA IN
THIS GENERAL VICINITY
SEE TYPICAL DETAIL
ON SHEET LSS-4
PHOTO PH-1
DISCONNECT AND REMOVE
CONTROL PANEL FIREQUEST 200
DISCONNECT AND REMOVE
BATTERIES
PHOTO PH-2
PHOTO PH-3
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV DATE DESCRIPTION
REVISION HISTORY
SCALE: 1/4" = 1'-0"
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NOTED
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-3
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: J. MONCUR
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
CH2M-WG IDAHO, LLC
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1673 FLOOR PLAN AND PHOTOS
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CL ORIG
200 1673 12 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-209
File: LSS-209.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1673
Date: 03/19/08 - 2:42 PM
Layout Name: Floor Plan
ID: PERKBW



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-209.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1673 RDM-2
SPEAKER AND STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DWG
200	1673	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-210

File: LSS-210.dwg
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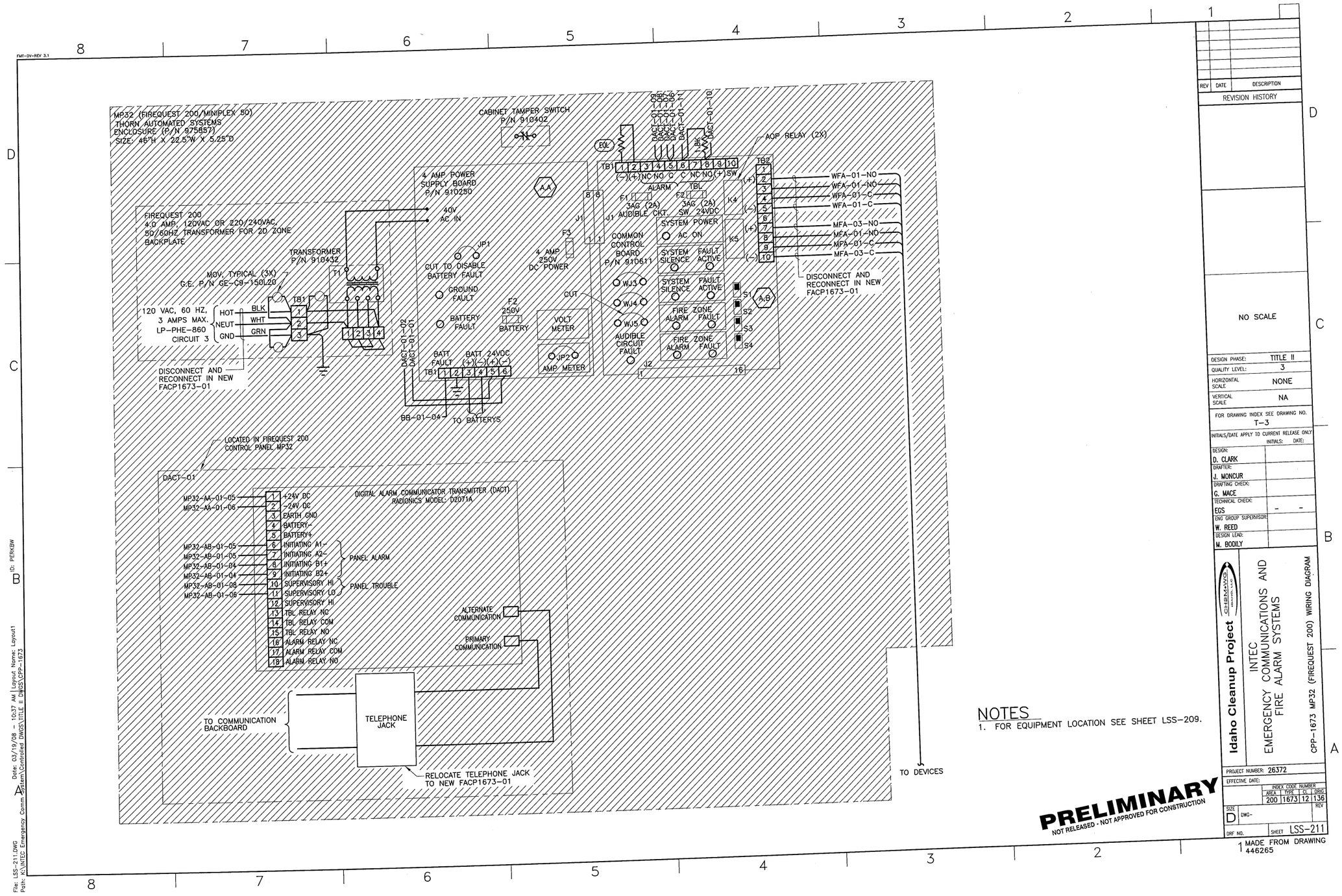
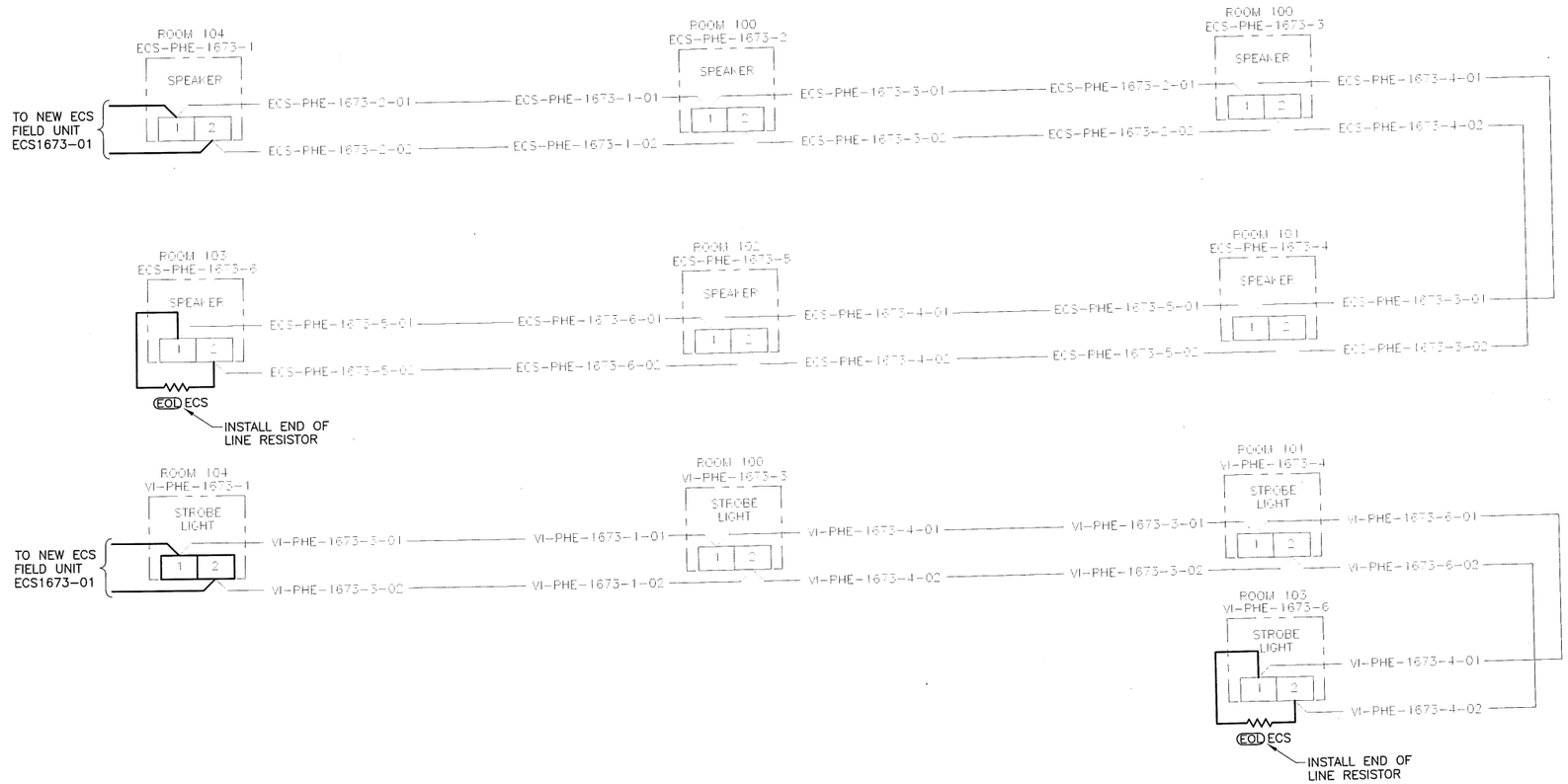
Date: 03/25/08 - 10:01 AM | Layout Name: Layout1
ID: MKJ


MP32 (FIREQUEST 200/MINIPLEX 50)
THORN AUTOMATED SYSTEMS
ENCLOSURE (P/N 975857)
SIZE: 46"H X 22.5"W X 5.25"D
CABINET TAMPER SWITCH
P/N 910402
FIREQUEST 200
4.0 AMP, 120VAC OR 220/240VAC,
50/60HZ TRANSFORMER FOR 20 ZONE
BACKPLATE
TRANSFORMER
P/N 910432
MOV, TYPICAL (3X)
G.E. P/N GE-C9-150L20
120 VAC, 60 HZ,
3 AMPS MAX.
LP-PHE-860
CIRCUIT 3
HOT
NEUT
GND
BLK
WHT
GRN
DISCONNECT AND
RECONNECT IN NEW
FACP1673-01
4 AMP POWER
SUPPLY BOARD
P/N 910250
40V
AC IN
JP1
CUT TO DISABLE
BATTERY FAULT
GROUND
FAULT
BATTERY
FAULT
BATT
FAULT
BATT 24VDC
DACT-01-02
DACT-01-01
BB-01-04
TO BATTERYS
F3
4 AMP
250V
DC POWER
F2
250V
BATTERY
CUT
VOLT
METER
JP2
AMP METER
EOL
1.8K
DACT-01-10
DACT-01-09
DACT-01-08
DACT-01-07
DACT-01-06
DACT-01-11
TB1
(-)(+)NC NO C C NC NO(+) SW
ALARM
TBL
F1
3AG (2A)
AUDIBLE CKT.
F2
3AG (2A)
SW 24VDC
K4
K5
J1
COMMON
CONTROL
BOARD
P/N 910611
SYSTEM POWER
AC ON
SYSTEM
SILENCE
FAULT
ACTIVE
SYSTEM
SILENCE
FAULT
ACTIVE
FIRE ZONE
ALARM
FAULT
FIRE ZONE
ALARM
FAULT
WJ3
WJ4
WJ5
AUDIBLE
CIRCUIT
FAULT
J2
S1
S2
S3
S4
A,A
A,B
AOP RELAY (2X)
TB2
WFA-01-NO
WFA-01-NO
WFA-01-C
WFA-01-C
MFA-03-NO
MFA-01-NO
MFA-01-C
MFA-03-C
DISCONNECT AND
RECONNECT IN NEW
FACP1673-01
LOCATED IN FIREQUEST 200
CONTROL PANEL MP32
DACT-01
DIGITAL ALARM COMMUNICATOR TRANSMITTER (DACT)
RADIONICS MODEL: DZ071A
MP32-AA-01-05
MP32-AA-01-06
MP32-AB-01-05
MP32-AB-01-05
MP32-AB-01-04
MP32-AB-01-04
MP32-AB-01-08
MP32-AB-01-08
+24V DC
-24V DC
EARTH GND
BATTERY-
BATTERY+
INITIATING A1-
INITIATING A2-
INITIATING B1+
INITIATING B2+
SUPERVISORY HI
SUPERVISORY LO
SUPERVISORY HI
TBL RELAY NC
TBL RELAY COM
TBL RELAY NO
ALARM RELAY NC
ALARM RELAY COM
ALARM RELAY NO
PANEL ALARM
PANEL TROUBLE
ALTERNATE
COMMUNICATION
PRIMARY
COMMUNICATION
TO COMMUNICATION
BACKBOARD
TELEPHONE
JACK
RELOCATE TELEPHONE JACK
TO NEW FACP1673-01
TO DEVICES
NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-209.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE: NONE
VERTICAL SCALE: NA
FOR DRAWING INDEX SEE DRAWING NO. T-3
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
INITIALS: DATE:
DESIGN: D. CLARK
DRAFTER: J. MONCUR
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
CH2MHILL
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1673 MP32 (FIREQUEST 200) WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA TYPE CI DRWG
200 1673 12 136
SIZE D
DWG-
REV
DRF NO.
SHEET LSS-211
1 MADE FROM DRAWING 446265
File: LSS-211.DWG
Path: K:\INTEC Emergency Comm-System\Contracted DWGS\TITLE II DWGS\CPP-1673
Date: 03/19/08 - 10:37 AM | Layout Name: Layout1
ID: PERKBW



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-209.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODLY		

CH2M HILL

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1673 ECS SPEAKER AND STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

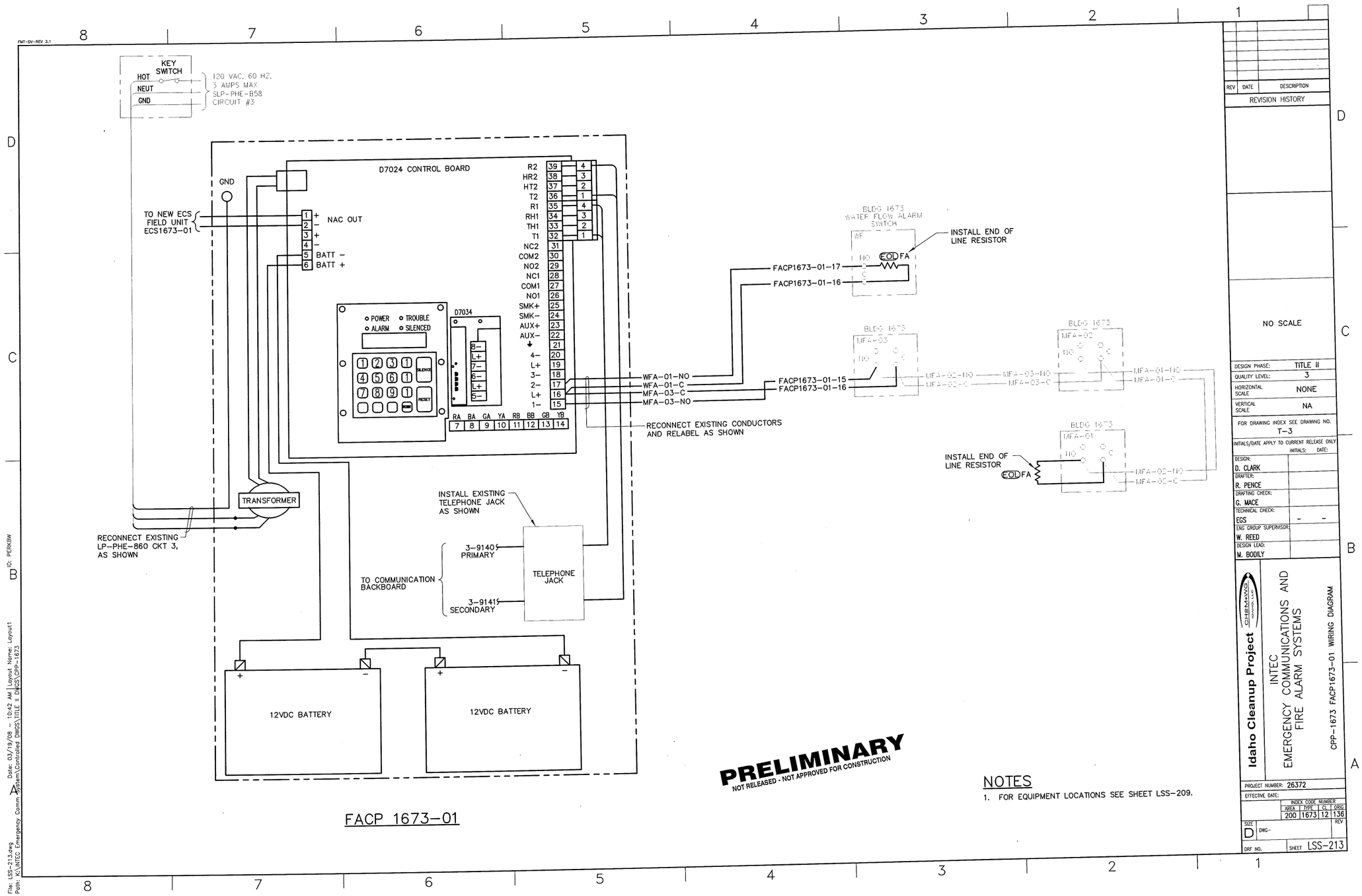
INDEX CODE NUMBER			
AREA	TYPE	CL	DISC
200	1673	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-212

FMT-DV-REV 3.1

File: LSS-212.dwg Date: 03/19/08 - 10:41 AM Layout Name: Layout1 ID: PERKBW
Path: K:\INTEC_Emergency_Comm_System\Controlled DWGS\TITLE II DWGS\CPP-1673



FACP 1673-01

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES
1. FOR EQUIPMENT LOCATIONS SEE SHEET LSS-209.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BOOILY		

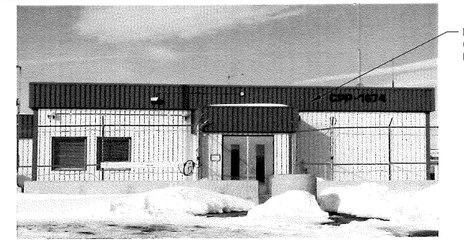
Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1673 FACP1673-01 WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DRWG
200	1673	12	136

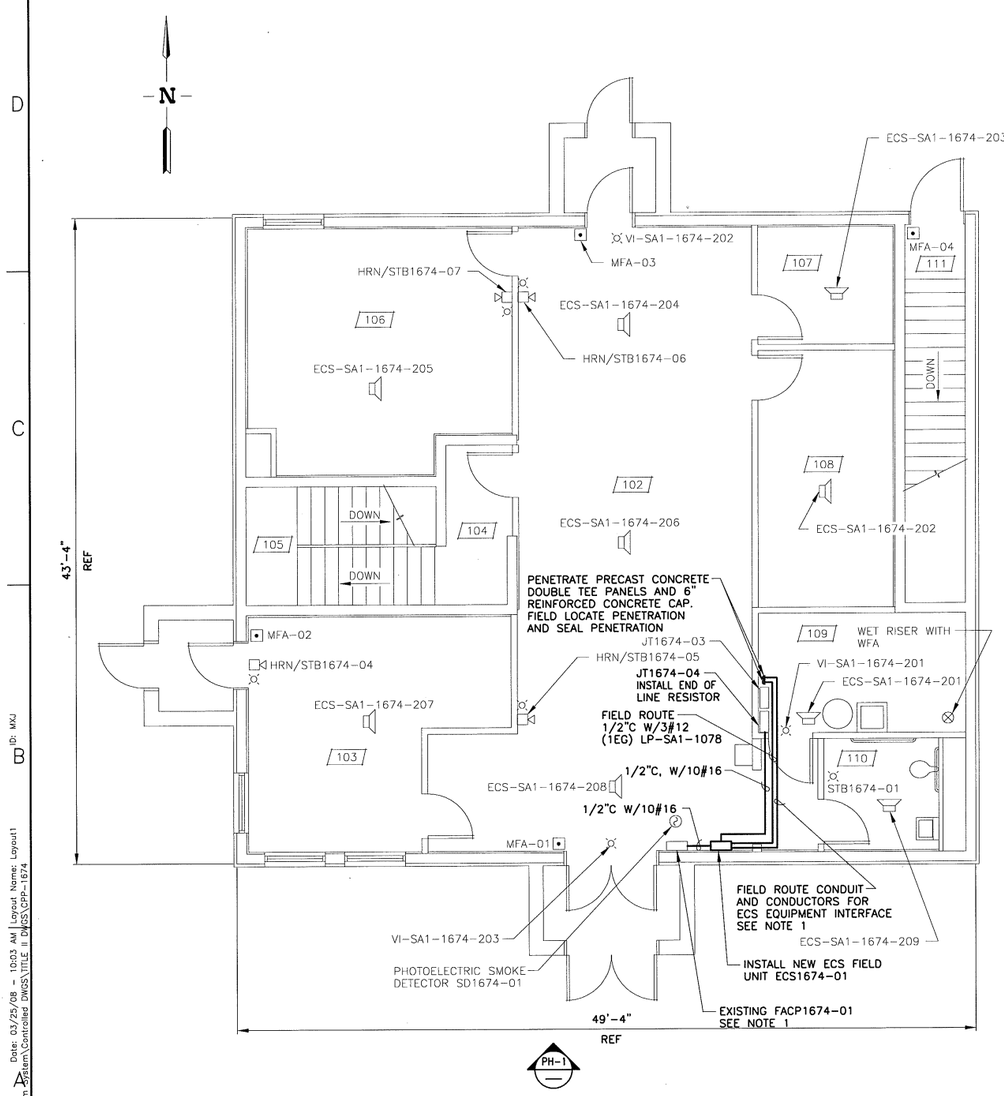
SIZE D DWG- REV
DRF NO. SHEET LSS-213

File: LSS-213.dwg Path: K:\INTEC Emergency Comm System\Controlled Dwgs\TITLE II Dwgs\CPP-1673 Date: 03/19/08 - 10:42 AM Layout Name: Layout1 ID: PERKBW

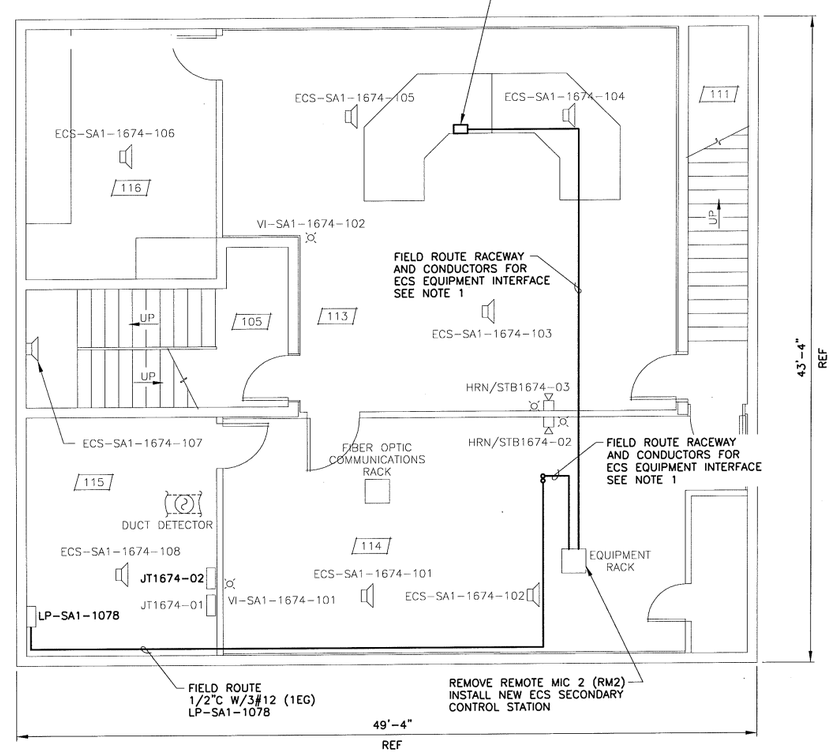


INSTALL ANTENNA IN THIS GENERAL VICINITY SEE TYPICAL DETAIL SHEET LSS-4

PHOTO PH-1



CPP-1674 FIRST FLOOR PLAN
SCALE: 1/4"=1'-0"



CPP-1674 BASEMENT FLOOR PLAN
SCALE: 1/4"=1'-0"

NOTES

1. ECS EQUIPMENT SUPPLIER SHALL DETERMINE ACTUAL CONDUCTORS NEEDED FOR INTERFACE BETWEEN THE ECS EQUIPMENT.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1/4" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

CHEM-NUCLEAR SYSTEMS, LLC

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1674 FIRST AND BASEMENT FLOOR PLANS AND PHOTO

PROJECT NUMBER: 26372

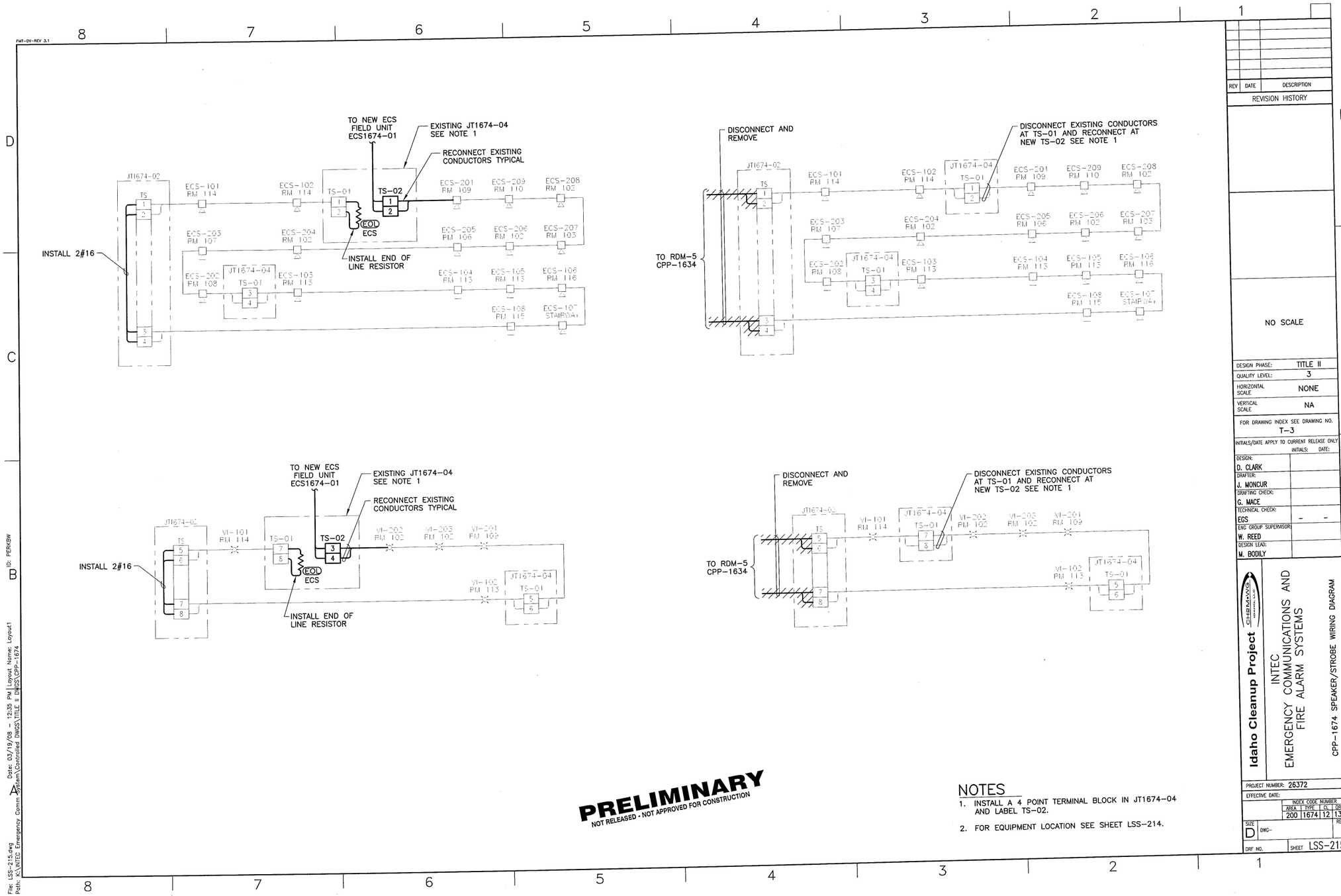
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1674	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-214

File: LSS-214.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1674
Date: 03/25/08 - 10:03 AM Layout Name: Layout1
ID: MKJ



NOTES

1. INSTALL A 4 POINT TERMINAL BLOCK IN JT1674-04 AND LABEL TS-02.
2. FOR EQUIPMENT LOCATION SEE SHEET LSS-214.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1674 SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

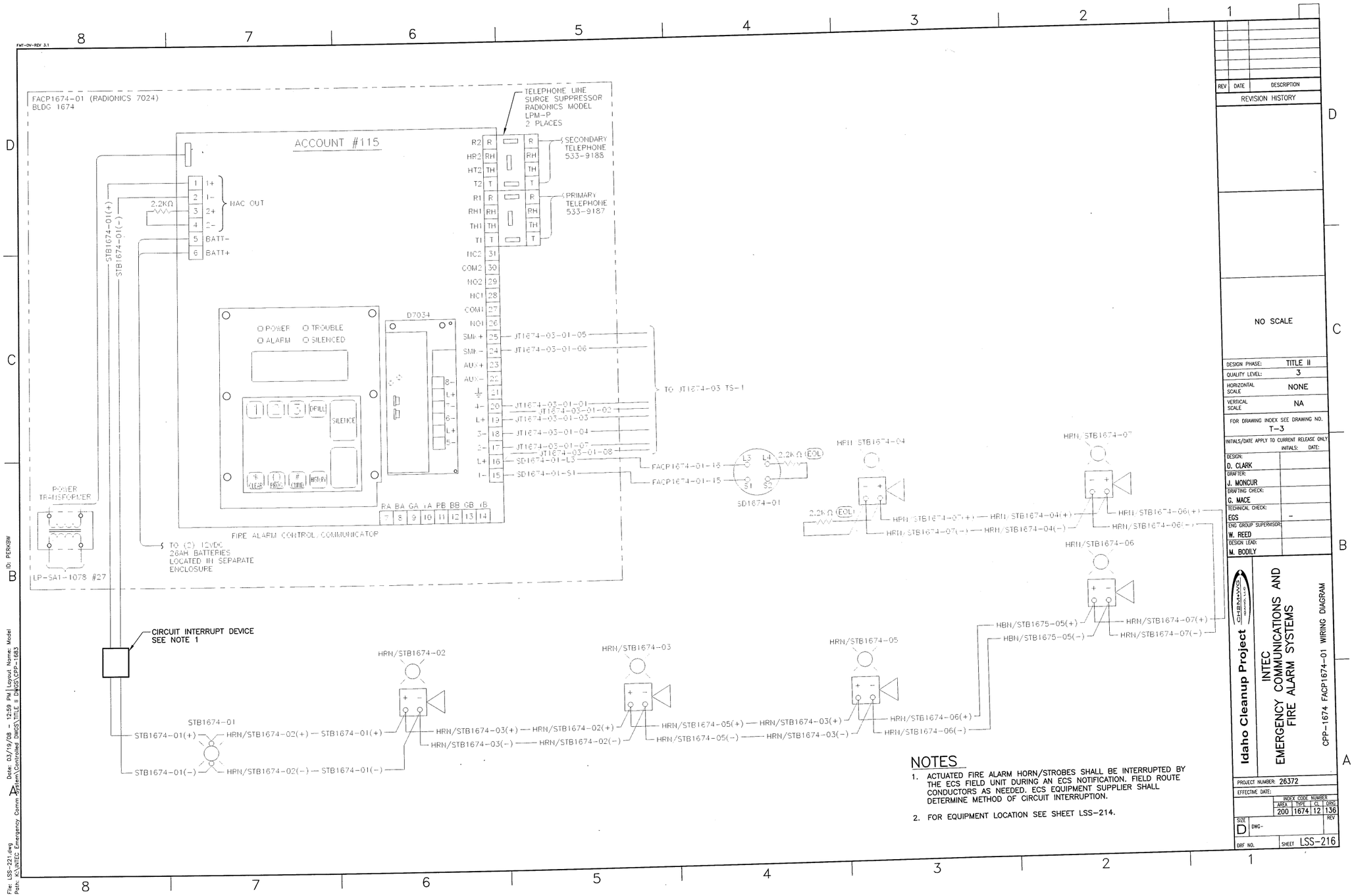
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DRIG
200	1674	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-215

File: LSS-215.dwg Date: 03/19/08 - 12:35 PM Layout Name: Layout1 ID: PERKBW
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1674



NOTES

1. ACTUATED FIRE ALARM HORN/STROBES SHALL BE INTERRUPTED BY THE ECS FIELD UNIT DURING AN ECS NOTIFICATION. FIELD ROUTE CONDUCTORS AS NEEDED. ECS EQUIPMENT SUPPLIER SHALL DETERMINE METHOD OF CIRCUIT INTERRUPTION.
2. FOR EQUIPMENT LOCATION SEE SHEET LSS-214.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1674 FACP1674-01 WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

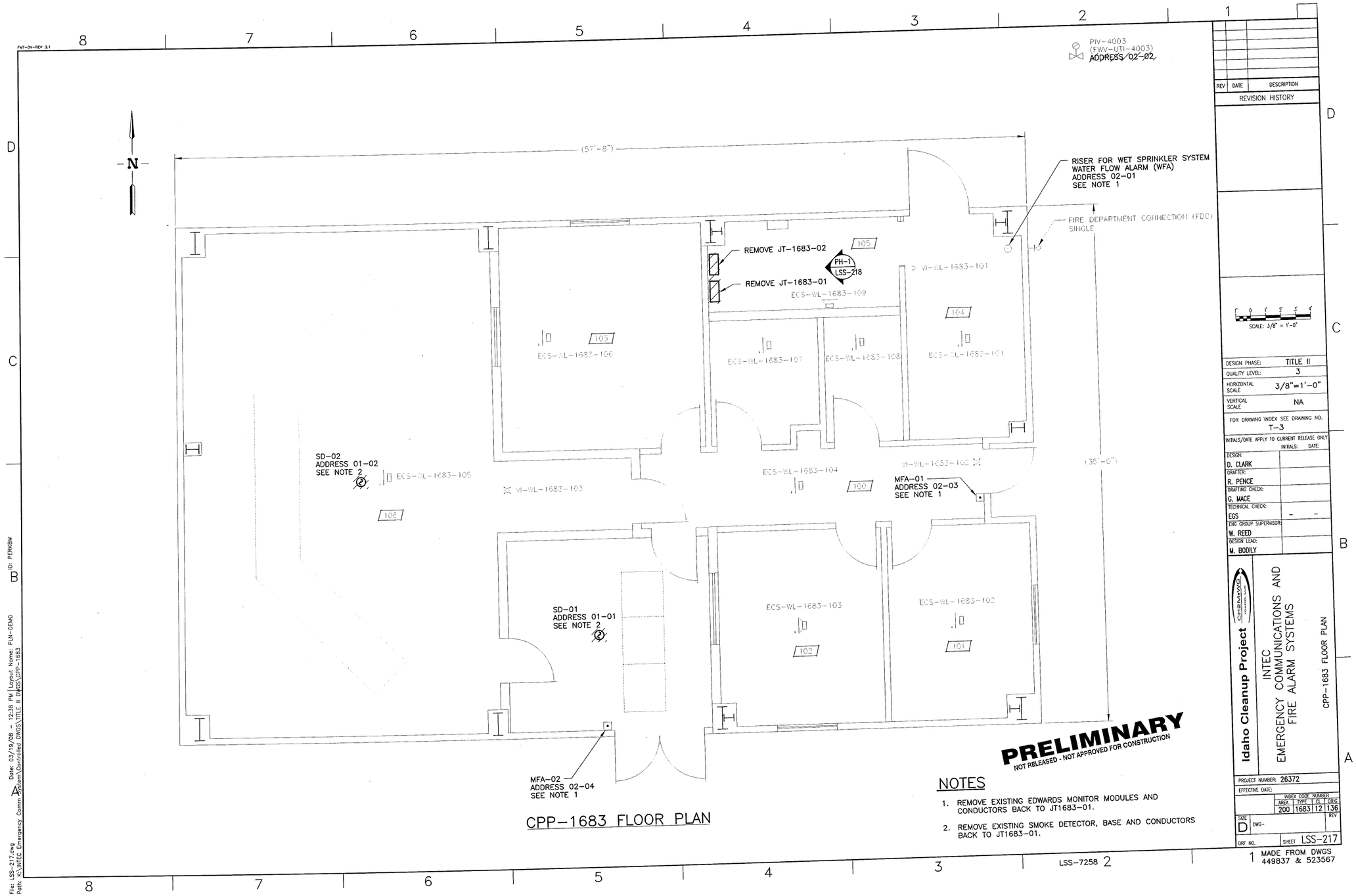
INDEX CODE NUMBER			
AREA	TYPE	CL	DRG
200	1674	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-216

File: LSS-221.dwg
Path: K:\INTEC Emergency Comm System\Computed DWGS\TITLE II DWGS\CPP-1683
Date: 03/19/08 - 12:59 PM Layout Name: Model
ID: PERKRW

INTEC Emergency Communication System (E.3.01.02.02)
Estimating Backup - Attachment C
Preliminary ECS Drawings



CPP-1683 FLOOR PLAN

NOTES

1. REMOVE EXISTING EDWARDS MONITOR MODULES AND CONDUCTORS BACK TO JT1683-01.
2. REMOVE EXISTING SMOKE DETECTOR, BASE AND CONDUCTORS BACK TO JT1683-01.

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/8" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	3/8"=1'-0"
VERTICAL SCALE	NA
FOR DRAWING INDEX SEE DRAWING NO.	T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1683 FLOOR PLAN

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1683	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-217

MADE FROM DWGS 449837 & 523567

LSS-7258

File: LSS-217.dwg Date: 03/19/08 - 12:38 PM Layout Name: PLN-DEMO ID: PERKBW
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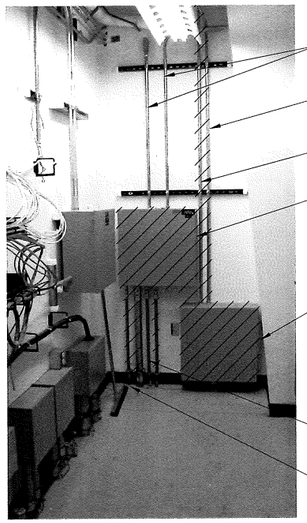


PHOTO PH-1 LSS-217

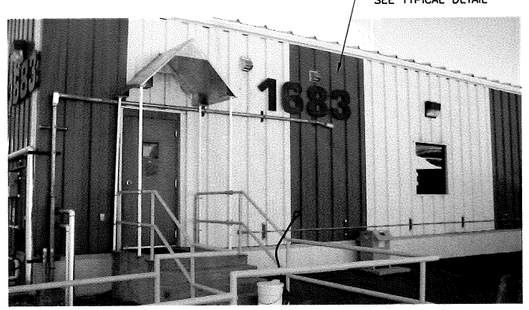
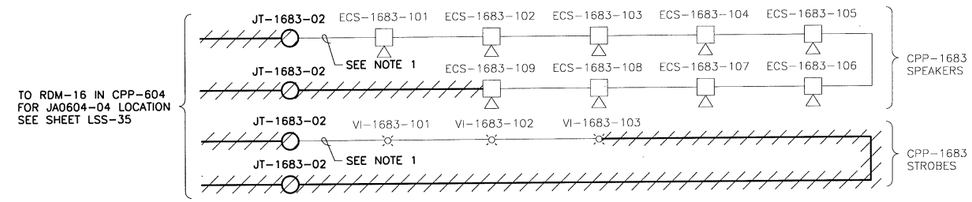
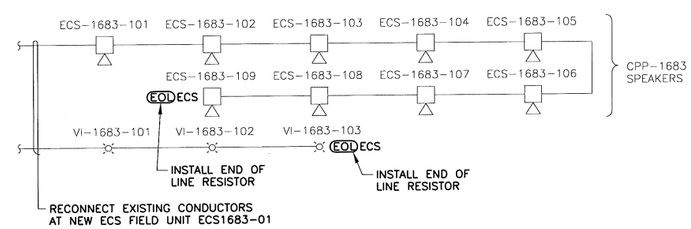


PHOTO PH-2 LSS-220





PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. DISCONNECT CNDUCTORS AT JT1683-02. REWORK CONDUIT AND CONDUCTORS TO NEW ECS1683-01.
2. FOR EQUIPMENT LOCATION SEE SHEET LSS-217.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NA
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1683 PHOTOS AND SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1683	12	136

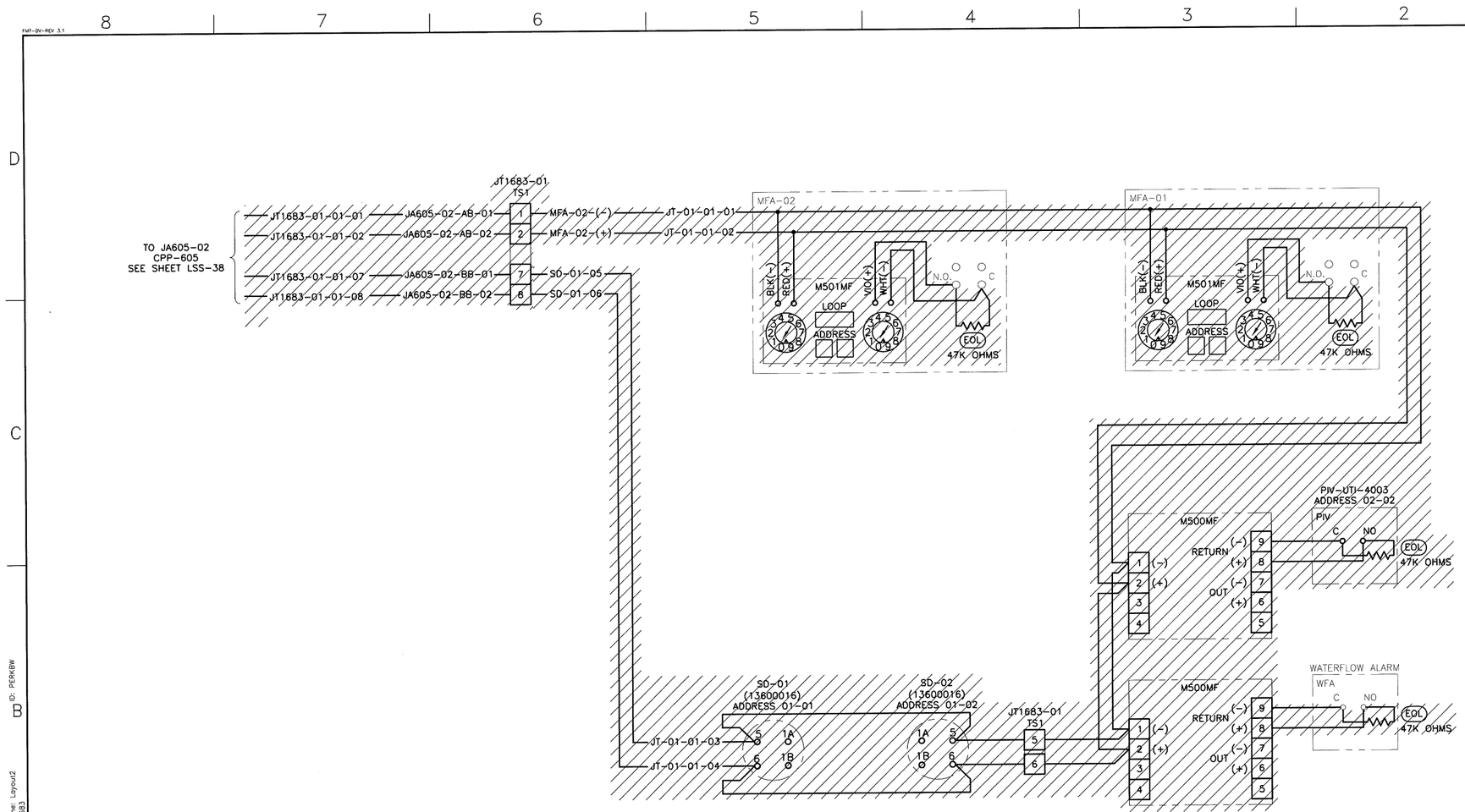
SIZE D DWG- REV

DRF NO. SHEET LSS-218

MADE FROM DWGS 178427

LSS-7380

File: LSS-218.dwg Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1683 Date: 03/19/08 - 2:42 PM Layout Name: PHOTO ID: PERKBW



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-217.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NA
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1683 FIRE ALARM SYSTEM WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

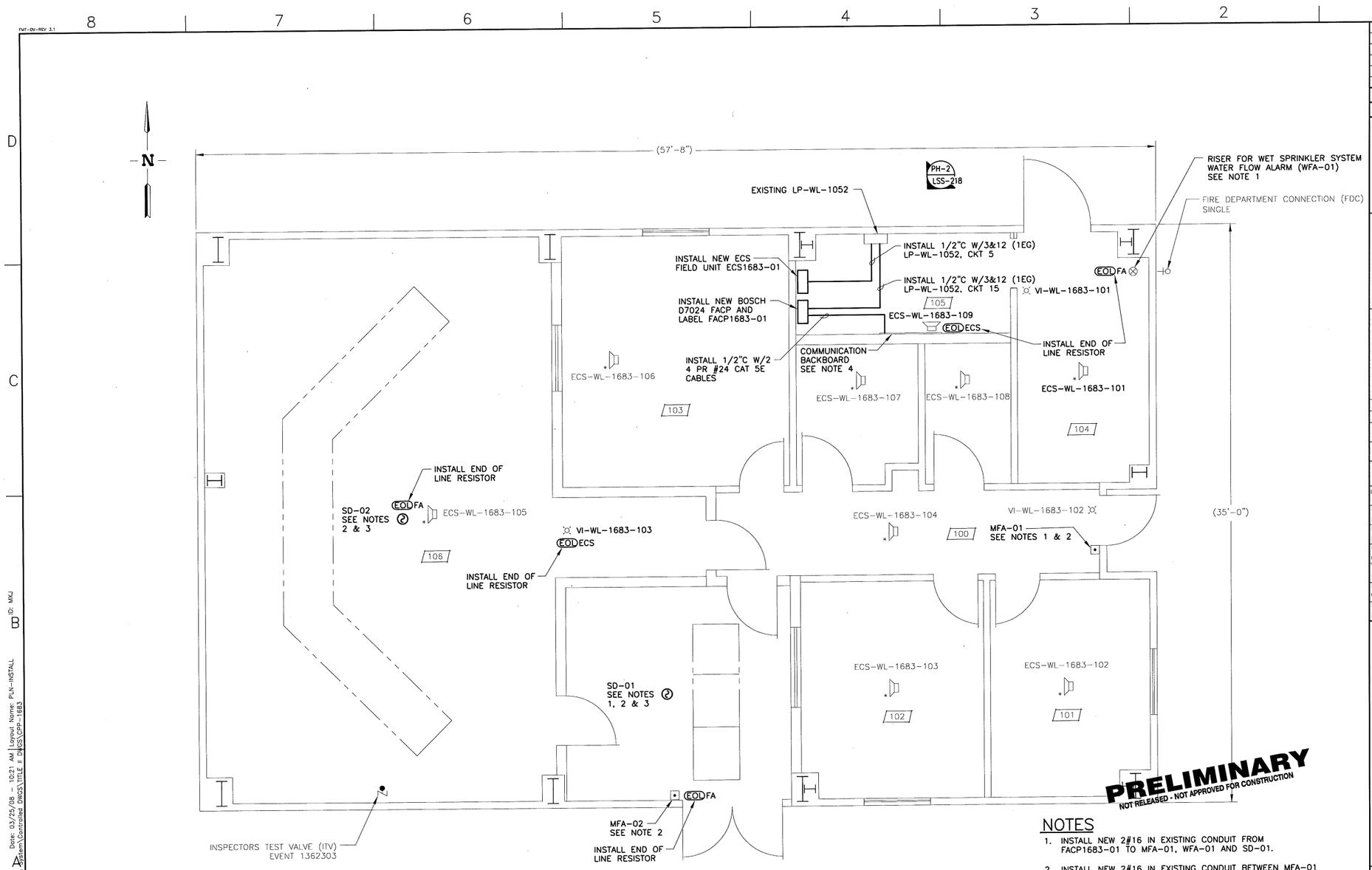
INDEX CODE NUMBER			
AREA	TYPE	CI	DRWG
200	1683	12	136

SIZE D DWG - REV

DRF NO. SHEET LSS-219

MADE FROM DWGS 449836

File: LSS-221.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1683
Date: 03/19/08 - 2:42 PM Layout Name: Layout2
ID: PERKBW



CPP-1683 FLOOR PLAN

NOTES

1. INSTALL NEW 2#16 IN EXISTING CONDUIT FROM FACP1683-01 TO MFA-01, WFA-01 AND SD-01.
2. INSTALL NEW 2#16 IN EXISTING CONDUIT BETWEEN MFA-01 AND MFA-02 AND BETWEEN SD-01 AND SD-02.
3. INSTALL NEW SMOKE DETECTOR AND BASE.
4. TERMINATION OF THE CAT 5E CABLES AT THE BACKBOARD SHALL BE DONE BY INL TELECOMM TECHNICIANS.

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/8" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	3/8"=1'-0"
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. WACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2M-WG IDAHO, LLC

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1683 FLOOR PLAN

PROJECT NUMBER: 26372

EFFECTIVE DATE:

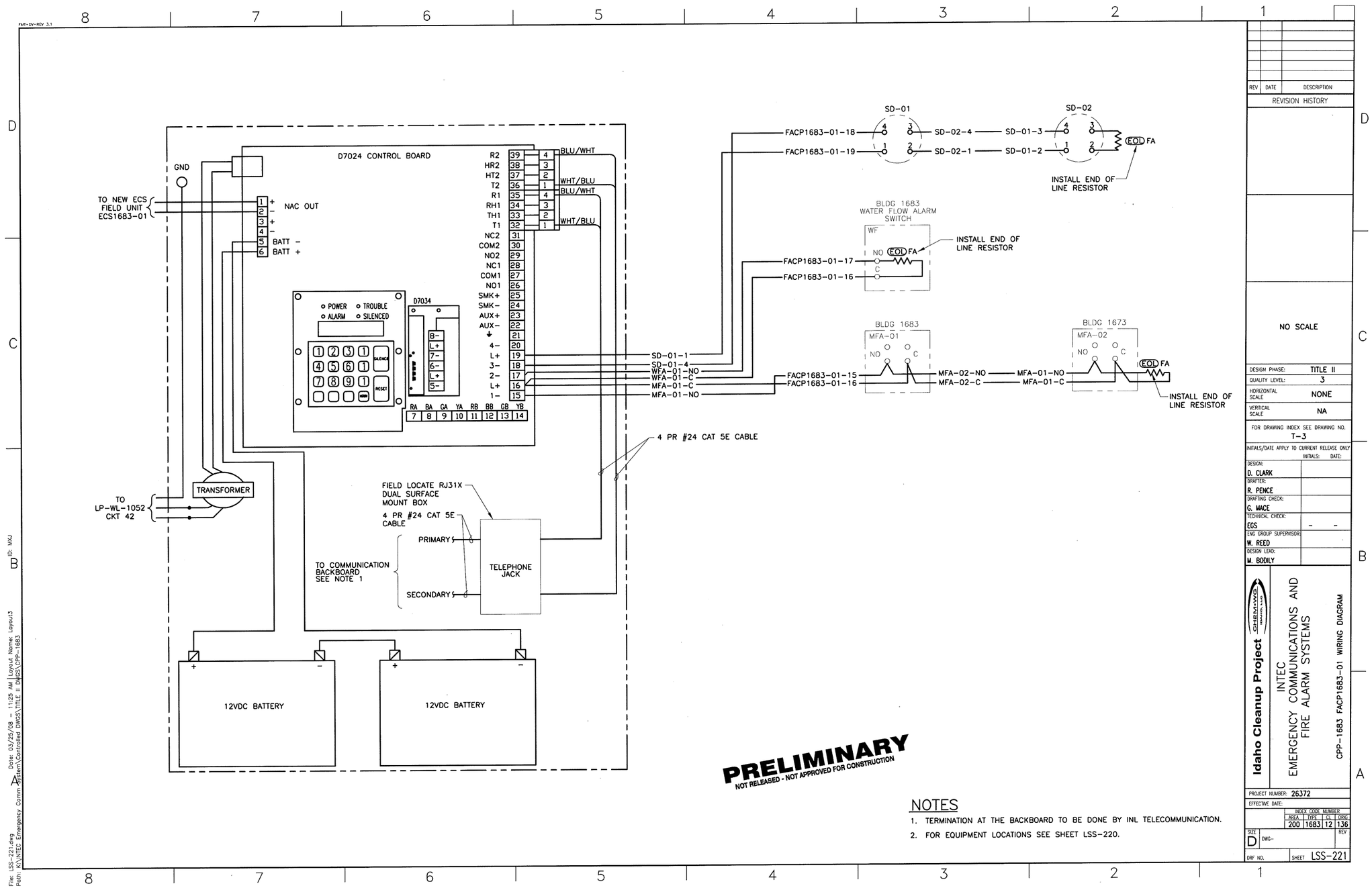
INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1683	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-220

MADE FROM DWGS 449837 & 523567

File: LSS-220.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1683
Date: 03/25/08 – 10:21 AM | Layout Name: PLN-INSTALL
ID: MKJ



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. TERMINATION AT THE BACKBOARD TO BE DONE BY INL TELECOMMUNICATION.
2. FOR EQUIPMENT LOCATIONS SEE SHEET LSS-220.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: W. BODILY		

Idaho Cleanup Project
CH2M-WG IDAHO, LLC

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1683 FACP1683-01 WIRING DIAGRAM

PROJECT NUMBER: 26372

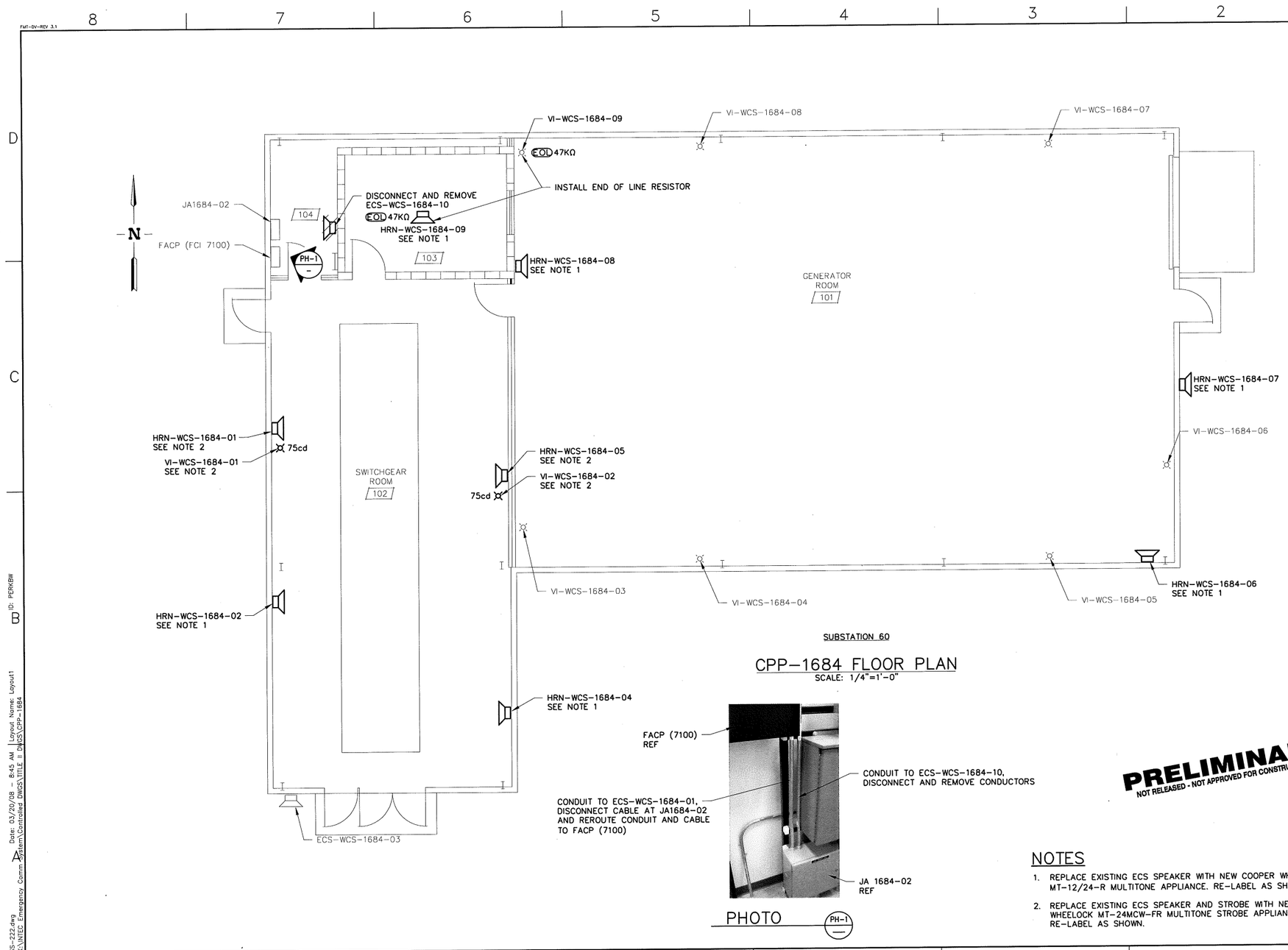
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DRWG
200	1683	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-221

File: LSS-221.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1683
Date: 03/25/08 – 11:25 AM Layout Name: Layout3
ID: MKJ



SUBSTATION 60

CPP-1684 FLOOR PLAN

SCALE: 1/4"=1'-0"

PHOTO PH-1

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTES

1. REPLACE EXISTING ECS SPEAKER WITH NEW COOPER WHEELOCK MT-12/24-R MULTITONE APPLIANCE. RE-LABEL AS SHOWN.
2. REPLACE EXISTING ECS SPEAKER AND STROBE WITH NEW COOPER WHEELOCK MT-24MCW-FR MULTITONE STROBE APPLIANCE. RE-LABEL AS SHOWN.

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 1/4" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1684 FLOOR PLAN AND PHOTO

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1684	12	136

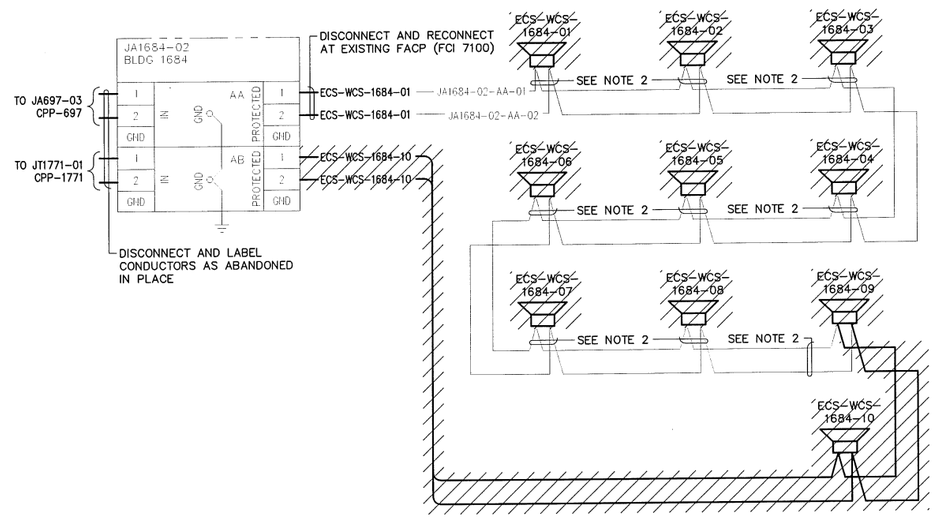
SIZE D DWG- REV

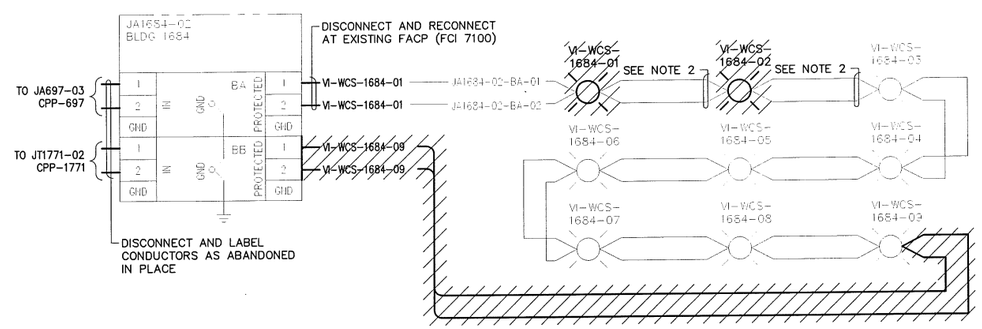
DRF NO. SHEET LSS-222

MADE FROM DRAWING 449487

FUT-DV-REV 3.1

File: LSS-222.dwg
Path: K:\INTEC Emergency Comm System\Controlled Dwgs\TITLE II Dwgs\CPP-1684
Date: 03/20/08 - 8:45 AM | Layout Name: Layout1
ID: PERKBW





PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTE

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-222.
2. DISCONNECT AT EXISTING SPEAKER OR STROBE AND RECONNECT AT HORN OR STROBE.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

CH2MHILL
Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1684 RDM-15
SPEAKER/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1684	12	136

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	0697	12	090

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1771	12	090

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1782	12	090

SIZE D DWG- REV

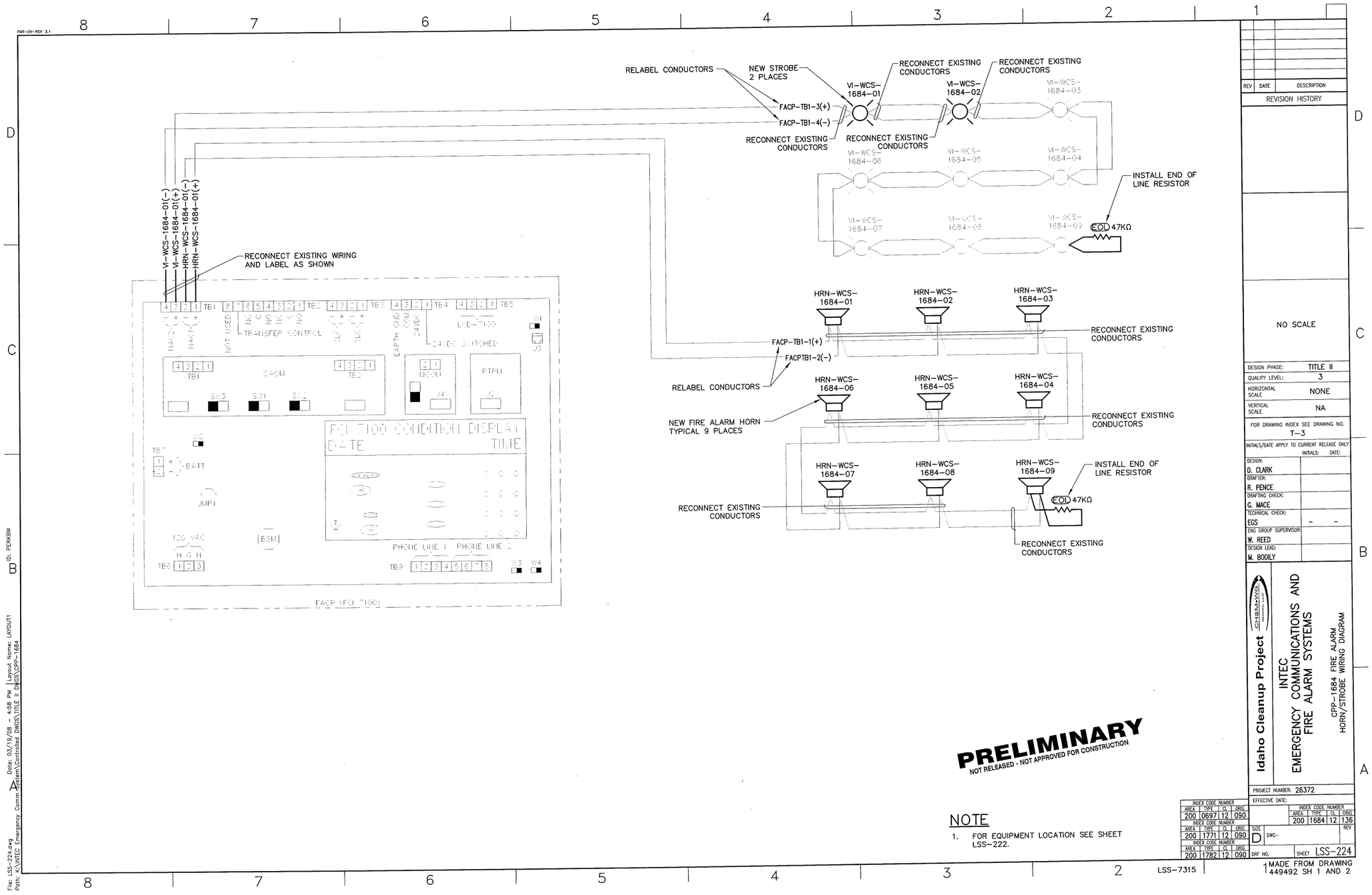
DRF NO. SHEET LSS-223

LSS-7315

1 MADE FROM DRAWING 449492 SH 1 AND 2

FMT-DV-REV 3.1

File: LSS-131.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1605
Date: 03/20/08 — 12:12 PM Layout Name: LAYOUT1 ID: PERKBW



PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

NOTE

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-222.

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1684 FIRE ALARM HORN/STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	0697	12	090
200	1771	12	090
200	1782	12	090
200	1684	12	136

SIZE D DWG- REV

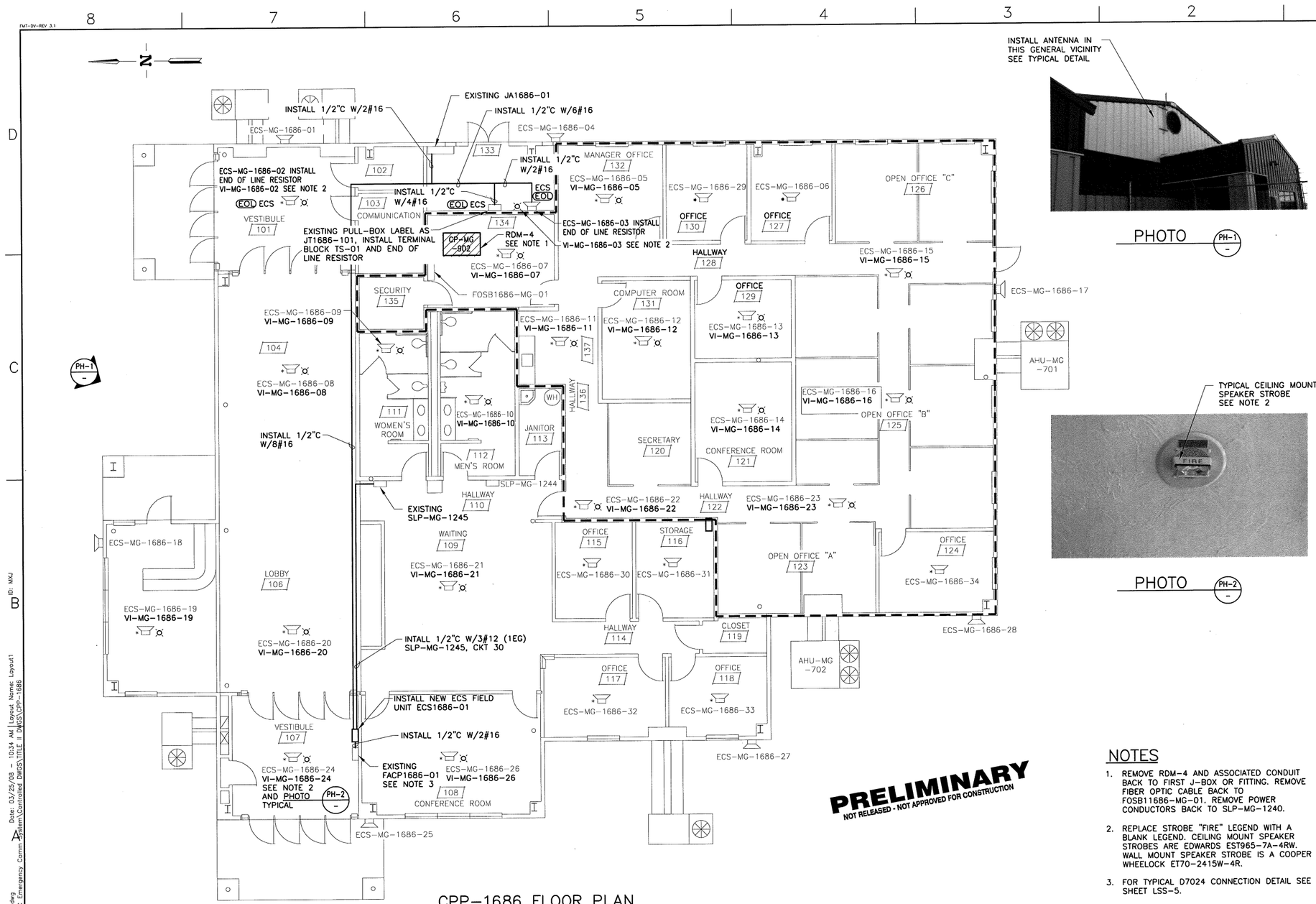
DRF NO. SHEET LSS-224

LSS-7315

1 MADE FROM DRAWING 449492 SH 1 AND 2

FMT-DV-REV 3.1

File: LSS-224.dwg Date: 03/19/08 – 4:52 PM Layout Name: LAYOUT1
Path: C:\INTEC Emergency Comm System\Contracted DWGS\TITLE II DWGS\CPP-1684 ID: PERKBW



CPP-1686 FLOOR PLAN
SCALE: 3/16"=1'-0"

PHOTO PH-1

PHOTO PH-2

NOTES

1. REMOVE RDM-4 AND ASSOCIATED CONDUIT BACK TO FIRST J-BOX OR FITTING. REMOVE FIBER OPTIC CABLE BACK TO FOSB11686-MG-01. REMOVE POWER CONDUCTORS BACK TO SLP-MG-1240.
2. REPLACE STROBE "FIRE" LEGEND WITH A BLANK LEGEND. CEILING MOUNT SPEAKER STROBES ARE EDWARDS EST965-7A-4RW. WALL MOUNT SPEAKER STROBE IS A COOPER WHEELOCK ET70-2415W-4R.
3. FOR TYPICAL D7024 CONNECTION DETAIL SEE SHEET LSS-5.

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/16" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1686 FLOOR PLAN AND PHOTOS

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1686	12	136

SIZE D DWG- REV

ORF NO. SHEET LSS-225

LSS-7449

MADE FROM DRAWING 508159

File: LSS-225.dwg
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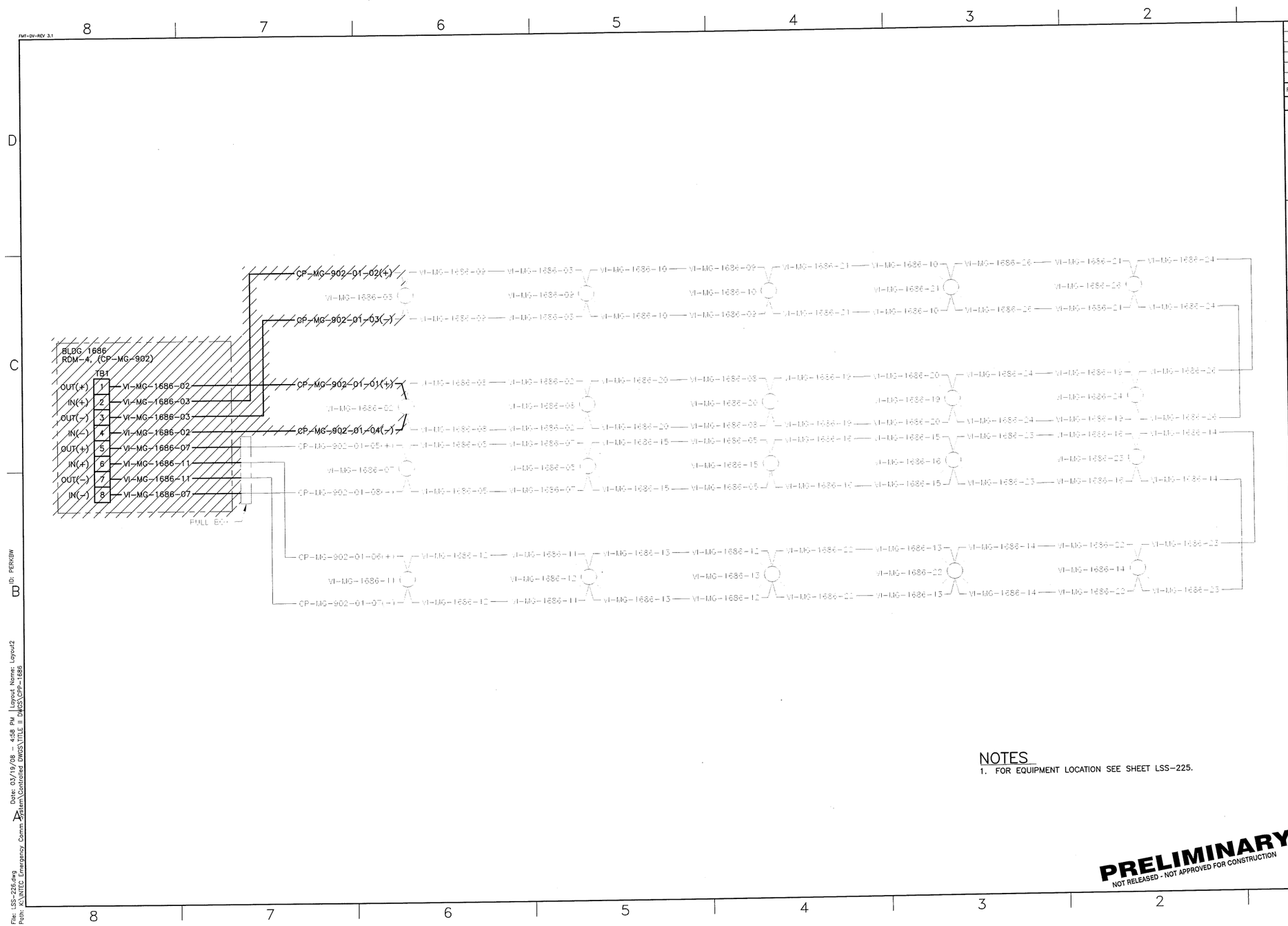
Date: 03/25/08 - 10:34 AM | Layout Name: Layout1
ID: MKJ



NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-225.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1686 RDM-4 STROBE WIRING DIAGRAM

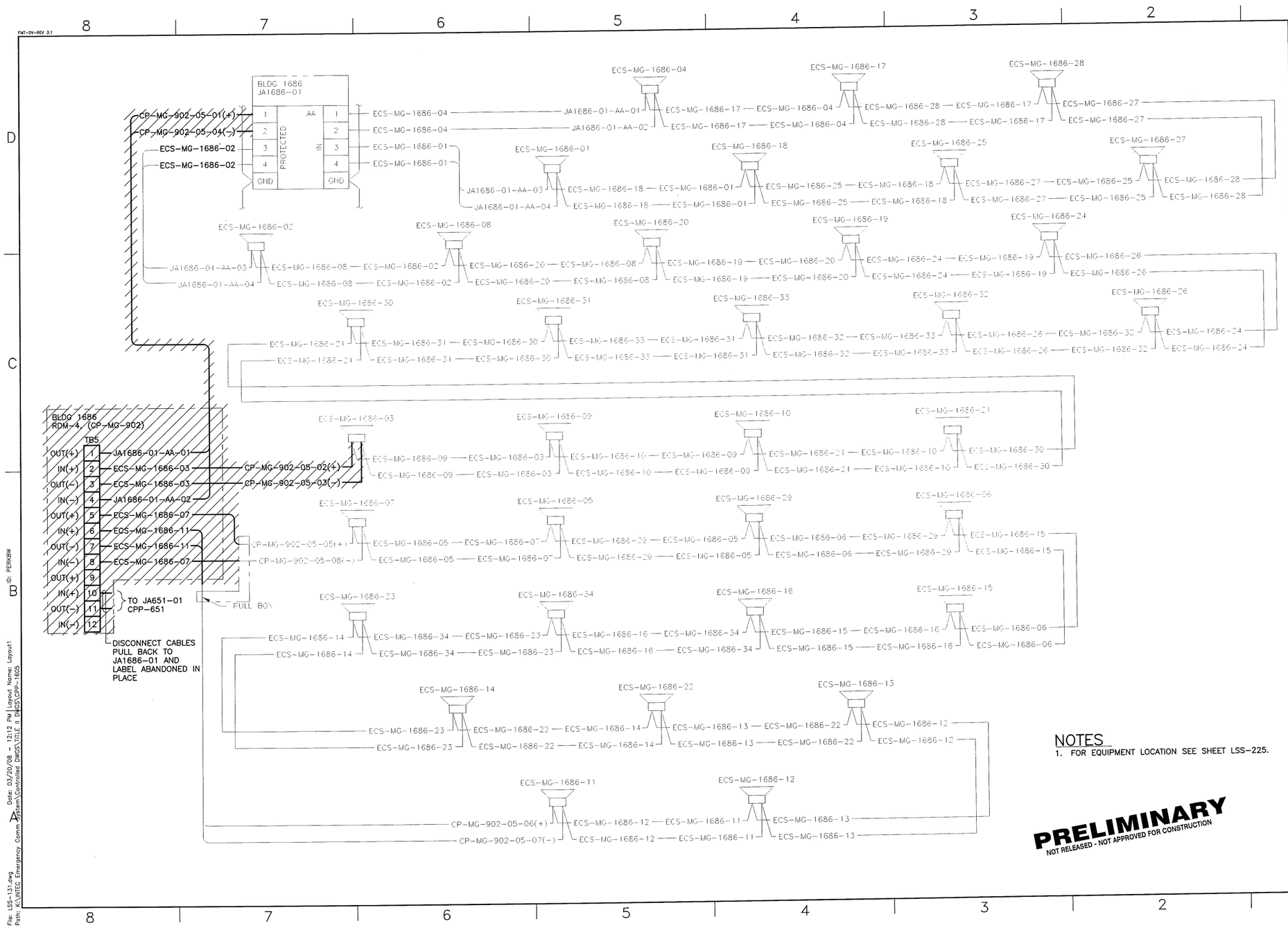
PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1686	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-226

1 MADE FROM DRAWING 514047 SHEET 2

File: LSS-226.dwg
Path: X:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1686
Date: 03/19/08 - 4:58 PM | Layout Name: Layout2
ID: PERKBW



NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-225.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

CH2M HILL

Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1686 RDM-4 SPEAKER WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

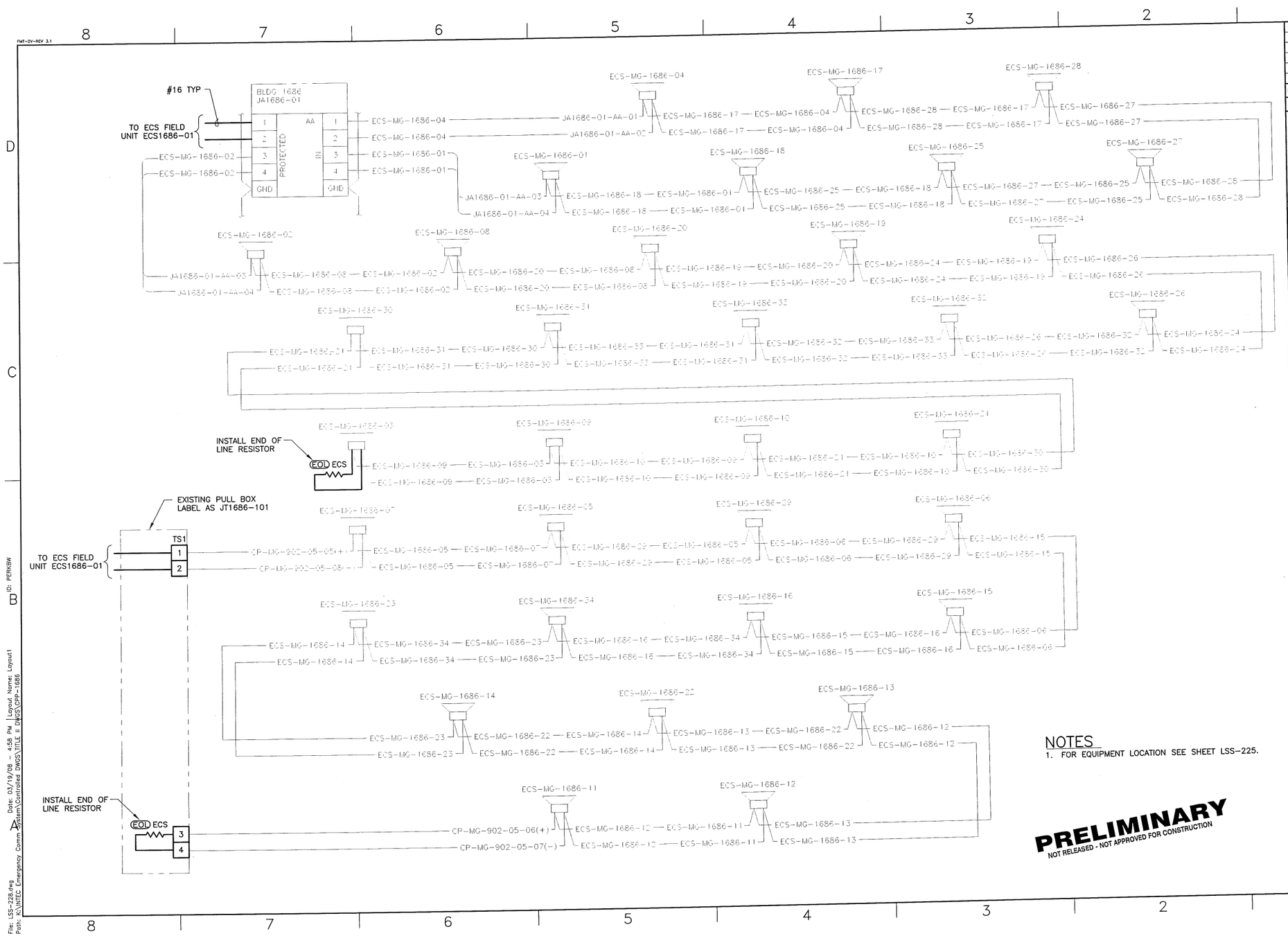
INDEX CODE NUMBER			
AREA	TYPE	CL	DRWG
200	1686	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-227

MADE FROM DRAWING 514047

File: LSS-131.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1685
Date: 03/20/08 - 12:12 PM Layout Name: Layout1
ID: PERKBW



REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

CHEM NUCLEAR SYSTEMS, LLC

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1686 ECS SPEAKER WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

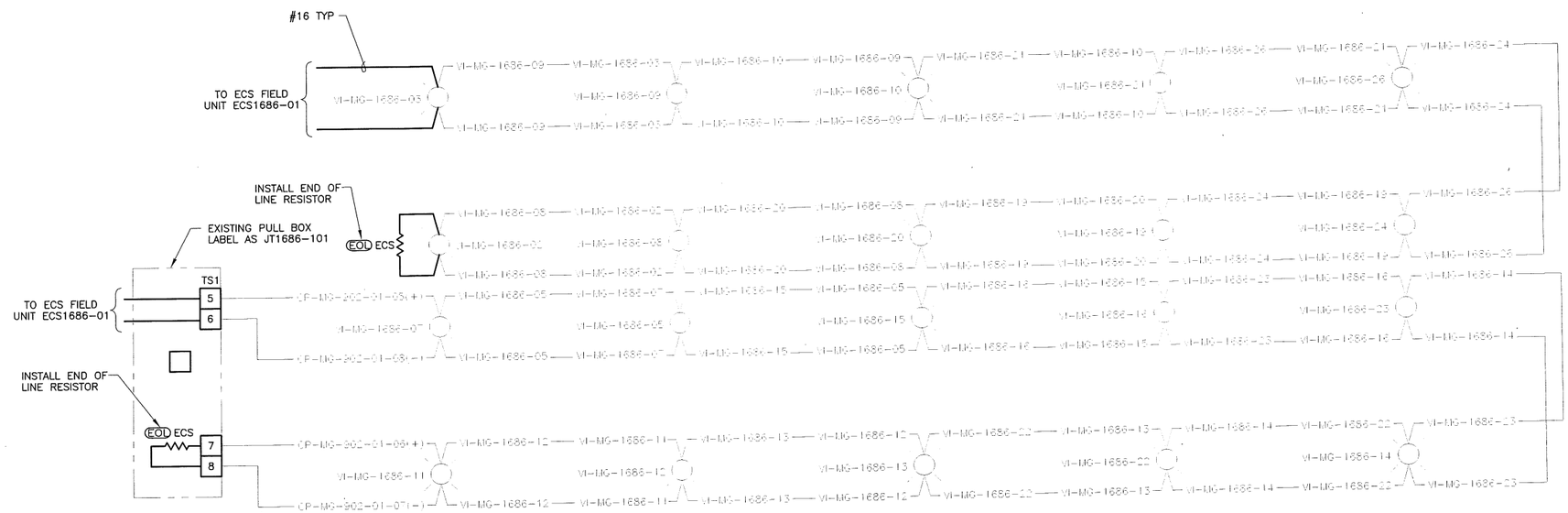
INDEX CODE NUMBER			
AREA	TYPE	SI	SERIAL
200	1686	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-228

MADE FROM DRAWING 514047

File: LSS-228.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1686
Date: 03/19/08 4:58 PM Layout Name: Layout1
ID: PERKBW



NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-225.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: R. PENCE		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project

CH2MHILL

INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS

CPP-1686 ECS STROBE WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

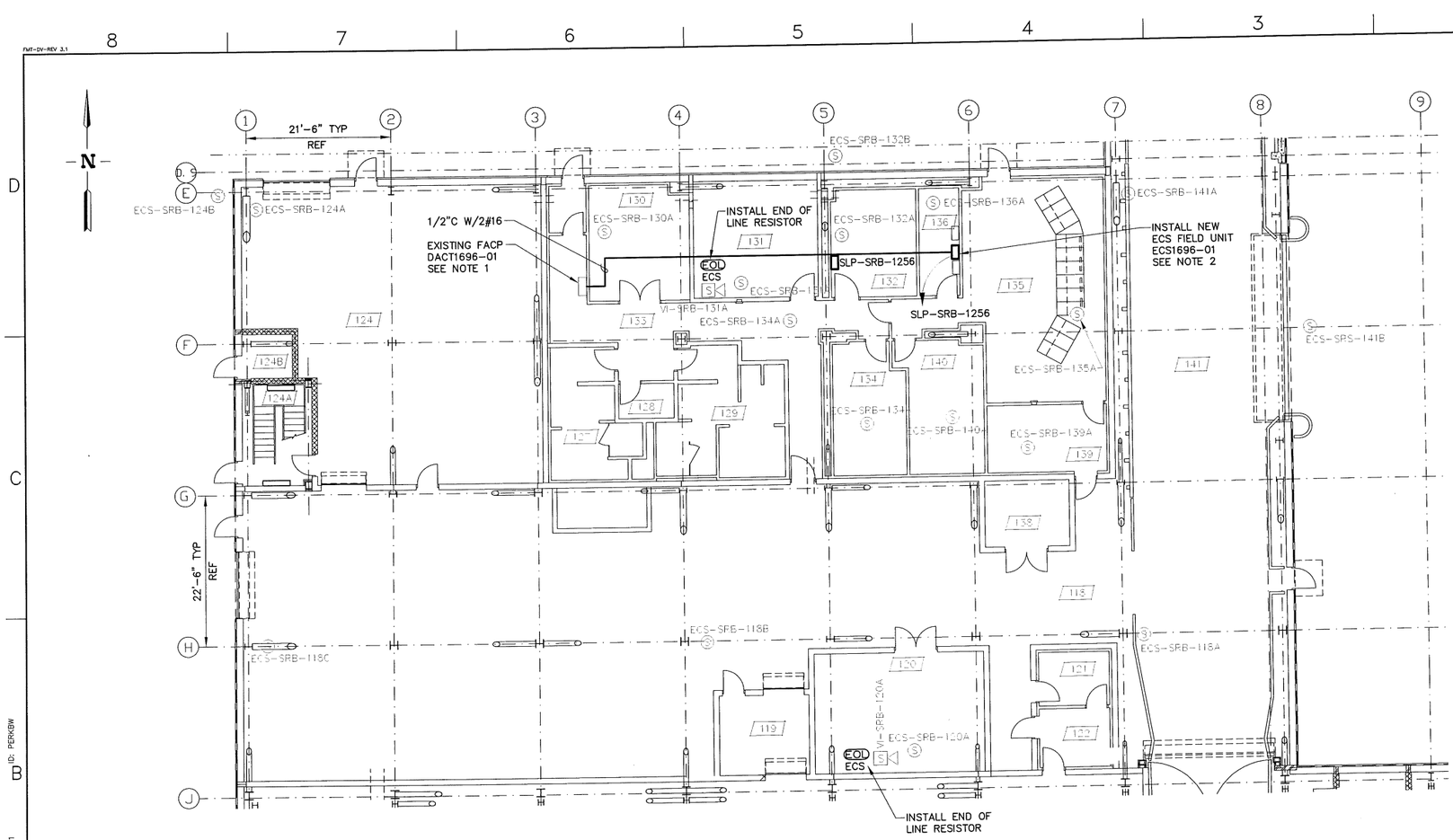
INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1686	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-229

MADE FROM DRAWING 514047 SHEET 2

File: LSS-229.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1686
Date: 03/19/08 – 4:58 PM | Layout Name: Layout2
ID: PERKBW



CPP-1696 PARTIAL FLOOR PLAN

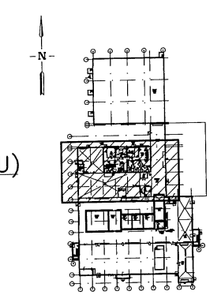
LEGEND OF SYMBOLS UNIQUE TO CPP-1696 (IWTU)

LSS	LIFE SAFETY SYSTEMS
S	STROBE
S	CEILING MOUNTED SPEAKER
S	WALL MOUNTED SPEAKER

ECS-SRB-135A
- COMPONENT IDENTIFIER
- SUB-AREA
- LSS DEVICE DESIGNATOR

NOTES

1. CONFIGURE THE EXISTING FCI 7100 FACP TO PROVIDE MESSAGE PRIORITY DURING SIMULTANEOUS FIRE ALARM AND EMERGENCY COMMUNICATION SYSTEM ACTUATION.
2. FIELD LOCATE ANTENNA. FIELD ROUTE CONDUIT AND COAX CABLE FROM THE FIELD UNIT ECS1696-01 TO THE ANTENNA.



KEY PLAN
NTS

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

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

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	1/8"=1'-0"
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

CH2MHILL
Idaho Cleanup Project
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1696 PARTIAL FLOOR PLAN

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1696	12	136

SIZE D DWG:- REV
DRF NO. SHEET LSS-230

File: LSS-131.dwg
Path: K:\INTEC Emergency Comm System\Controlled DWGS\TITLE II DWGS\CPP-1605
Date: 03/20/08 - 12:12 PM Layout Name: Sheet 1
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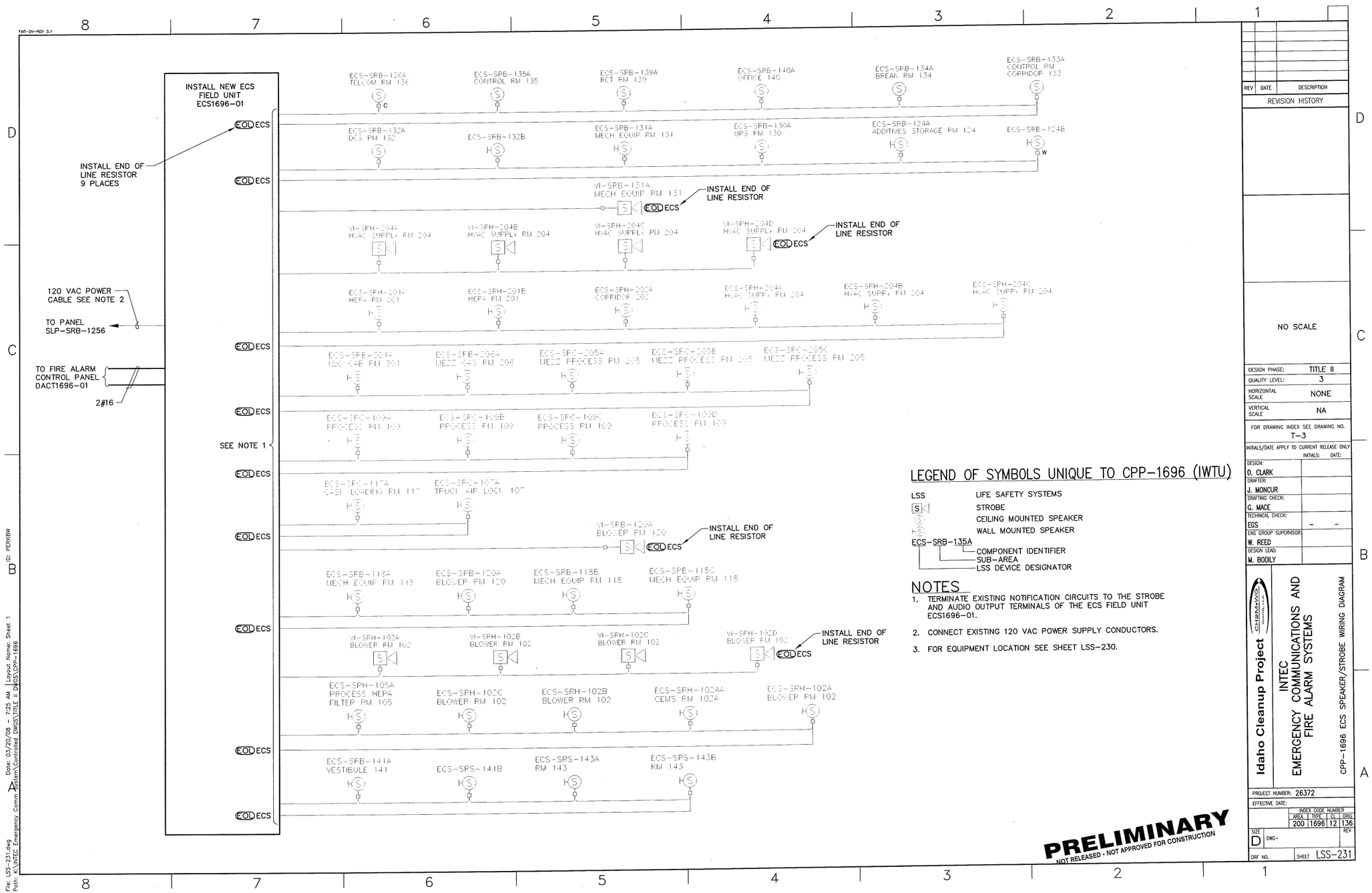
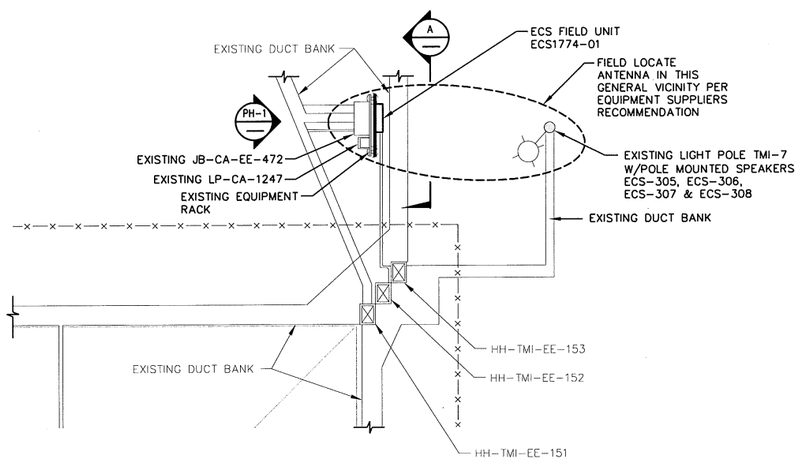

INSTALL NEW ECS FIELD UNIT ECS1696-01
INSTALL END OF LINE RESISTOR 9 PLACES
120 VAC POWER CABLE SEE NOTE 2
TO PANEL SLP-SRB-1256
TO FIRE ALARM CONTROL PANEL DACT1696-01
2#16
SEE NOTE 1
ECS-SRB-136A TELCOM RM 136
ECS-SRB-135A CONTROL RM 135
ECS-SRB-139A RCT RM 139
ECS-SRB-140A OFFICE 140
ECS-SRB-134A BREAK RM 134
ECS-SRB-133A CONTROL RM CORRIDOR 133
ECS-SRB-132A DCS RM 132
ECS-SRB-132B
ECS-SRB-131A MECH EQUIP RM 131
ECS-SRB-130A UPS RM 130
ECS-SRB-124A ADDITIVES STORAGE RM 124
ECS-SRB-124B
VI-SRB-131A MECH EQUIP RM 131
INSTALL END OF LINE RESISTOR
VI-SPH-204A HVAC SUPPLY RM 204
VI-SPH-204B HVAC SUPPLY RM 204
VI-SPH-204C HVAC SUPPLY RM 204
VI-SPH-204D HVAC SUPPLY RM 204
ECS-SPH-201A HEPA RM 201
ECS-SPH-201B HEPA RM 201
ECS-SPH-202A CORRIDOR 202
ECS-SPH-204A HVAC SUPPLY RM 204
ECS-SPH-204B HVAC SUPPLY RM 204
ECS-SPH-204C HVAC SUPPLY RM 204
ECS-SPB-301A ISOC CAE RM 301
ECS-SPB-206A MECH CAE RM 206
ECS-SPC-205A MECH PROCESS RM 205
ECS-SPC-205B MECH PROCESS RM 205
ECS-SPC-205C MECH PROCESS RM 205
ECS-SPC-109A PROCESS RM 109
ECS-SPC-109B PROCESS RM 109
ECS-SPC-109C PROCESS RM 109
ECS-SPC-109D PROCESS RM 109
ECS-SPC-117A CASK LOADING RM 117
ECS-SPC-107A TRUCK AIR LOCK 107
VI-SPB-120A BLOWER RM 120
ECS-SPB-118A MECH EQUIP RM 118
ECS-SPB-120A BLOWER RM 120
ECS-SPB-118B MECH EQUIP RM 118
ECS-SPB-118C MECH EQUIP RM 118
VI-SPH-102A BLOWER RM 102
VI-SPH-102B BLOWER RM 102
VI-SPH-102C BLOWER RM 102
VI-SPH-102D BLOWER RM 102
ECS-SPH-105A PROCESS HEPA FILTER RM 105
ECS-SPH-102C BLOWER RM 102
ECS-SRH-102B BLOWER RM 102
ECS-SRH-102AA CEMS RM 102A
ECS-SPH-102A BLOWER RM 102
ECS-SPB-141A VESTIBULE 141
ECS-SRS-141B
ECS-SRS-143A RM 143
ECS-SRS-143B RM 143
LEGEND OF SYMBOLS UNIQUE TO CPP-1696 (IWTU)
LSS LIFE SAFETY SYSTEMS
STROBE
CEILING MOUNTED SPEAKER
WALL MOUNTED SPEAKER
ECS-SRB-135A
COMPONENT IDENTIFIER
SUB-AREA
LSS DEVICE DESIGNATOR
NOTES
1. TERMINATE EXISTING NOTIFICATION CIRCUITS TO THE STROBE AND AUDIO OUTPUT TERMINALS OF THE ECS FIELD UNIT ECS1696-01.
2. CONNECT EXISTING 120 VAC POWER SUPPLY CONDUCTORS.
3. FOR EQUIPMENT LOCATION SEE SHEET LSS-230.
PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION
REV DATE DESCRIPTION
REVISION HISTORY
NO SCALE
DESIGN PHASE: TITLE II
QUALITY LEVEL: 3
HORIZONTAL SCALE NONE
VERTICAL SCALE NA
FOR DRAWING INDEX SEE DRAWING NO. T-3
INITIALS/DATE APPLY TO CURRENT RELEASE ONLY
DESIGN: D. CLARK
DRAFTER: J. MONCUR
DRAFTING CHECK: G. MACE
TECHNICAL CHECK: EGS
ENG GROUP SUPERVISOR: W. REED
DESIGN LEAD: M. BODILY
Idaho Cleanup Project
CH2MHILL
INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS
CPP-1696 ECS SPEAKER/STROBE WIRING DIAGRAM
PROJECT NUMBER: 26372
EFFECTIVE DATE:
INDEX CODE NUMBER
AREA 200 TYPE 1696 CL 12 ORIG 136
SIZE D DWG-
REV
DRF NO. SHEET LSS-231
File: LSS-231.dwg Path: K:\INTEC Emergency Comm System\Controlled Dwgs\TITLE II Dwgs\CPP-1696
Date: 03/20/08 - 7:25 AM Layout Name: Sheet 1 ID: PERKBW



CPP-1774

ENLARGED PLAN

SCALE: 3/16"=1'-0"

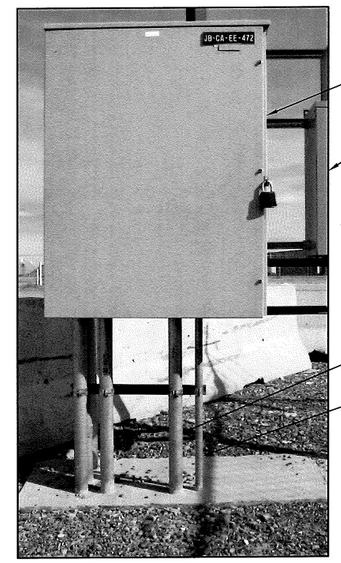
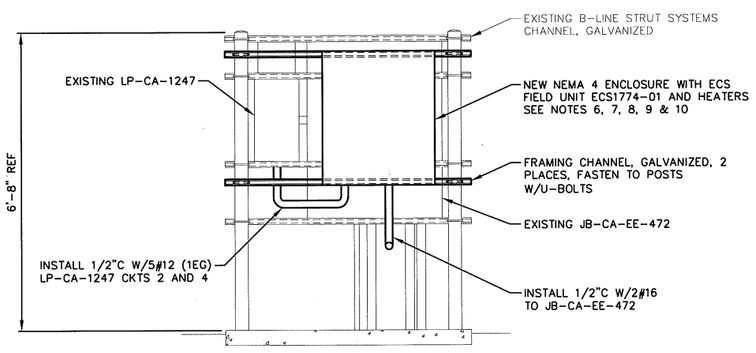


PHOTO PH-1



VIEW A

SCALE: 3/4"=1'-0"

NOTES

1. INSTALL 4 POINT TERMINAL STRIP IN JB-CA-EE-472 IN CLOSE PROXIMITY TO CONDUIT THAT GOES TO LIGHT POLE LP-TMI-7.
2. CUT EXISTING ECS CONDUCTORS (2 TSP) FROM JT656-03 IN JB-CA-EE-472. REMOVE CONDUCTORS BETWEEN JT656-03 AND JB-CA-EE-472.
3. TERMINATE CONDUCTORS FOR POLE MOUNTED SPEAKERS ECS-305 AND ECS-308 ON NEW TERMINAL STRIP.
4. INSTALL NEW CONDUCTORS FROM ECS FIELD UNIT TO TERMINAL STRIP IN JB-CA-EE-472. TERMINATE CONDUCTORS TO CONNECT CIRCUIT TO ECS-305.
5. INSTALL NEW END OF LINE DEVICE (EOL) ON TERMINAL STRIP ACROSS CIRCUIT FROM ECS-308.
6. PROVIDE 120VAC CIRCUITS TO NEW ECS FIELD UNIT FROM LP-CA-1247 CKT 2.
7. FIELD SIZE AND MOUNT NEW NEMA 4 ENCLOSURE TO EXISTING RACK. INSTALL NEW ECS FIELD UNIT ECS1774-01 INSIDE THE ENCLOSURE.
8. PROVIDE THERMOSTATICALLY CONTROLLED HEATERS INSIDE THE ENCLOSURE.
9. PROVIDE 120VAC CIRCUIT TO NEW NEMA 4 ENCLOSURE FOR A DUPLEX RECEPTACLE AND HEATER FROM LP-CA-1247 CKT 4.
10. CONDUIT PENETRATIONS SHALL BE MADE THRU THE BOTTOM OF THE ENCLOSURES WITH WEATHERPROOF HUBS.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

SCALE: 3/16" = 1'-0"
SCALE: 3/4" = 1'-0"

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NOTED
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: ECS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

Idaho Cleanup Project
CH2MHILL
INTEC
EMERGENCY COMMUNICATIONS AND
FIRE ALARM SYSTEMS
CPP-1774 ENLARGED PLAN, VIEW AND PHOTO

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	DRWG
200	1774	12	136

SIZE D DWG- REV
DRF NO. SHEET LSS-232

MADE FROM DRAWING 523150

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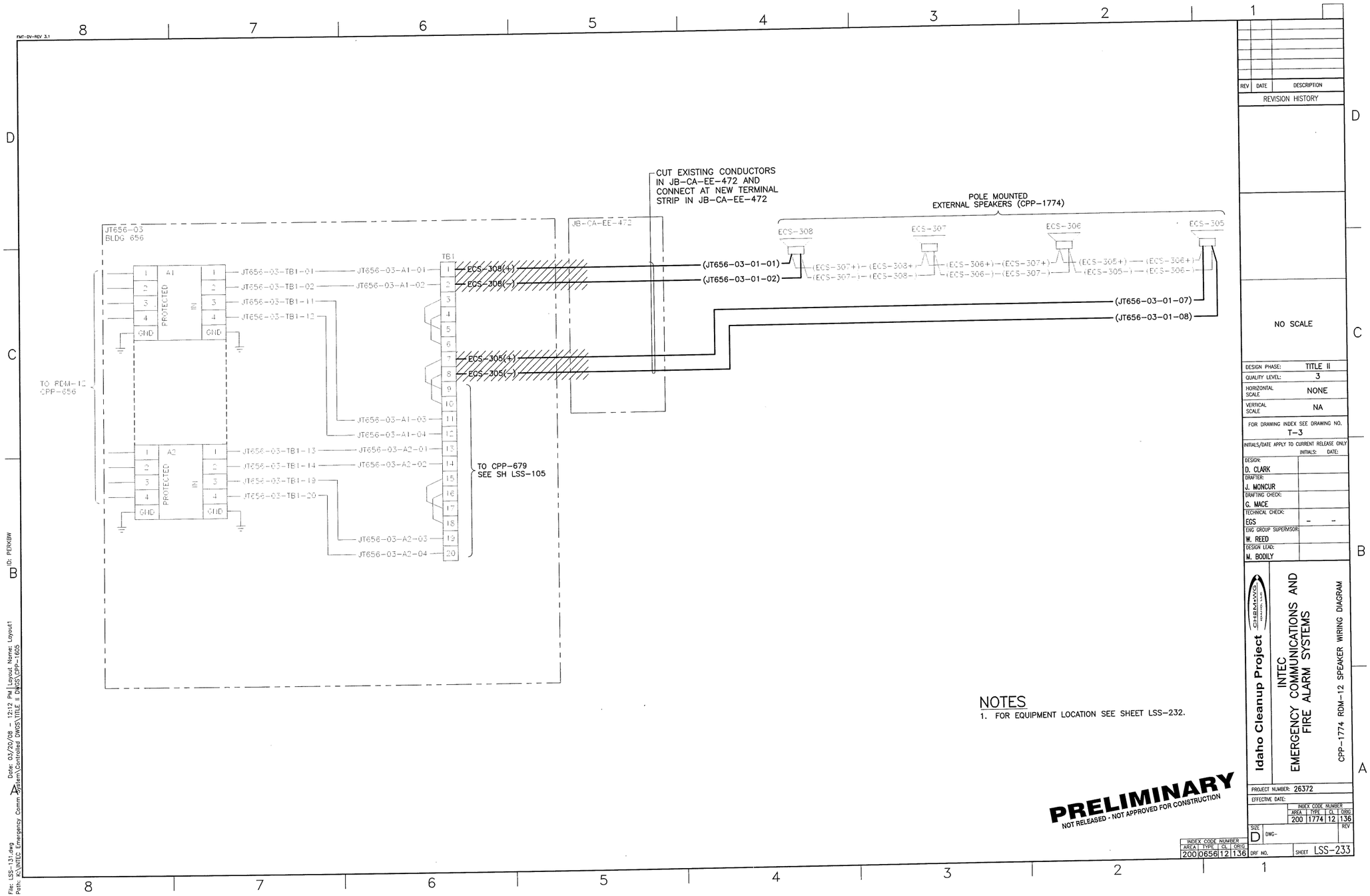

NOTES
1. FOR EQUIPMENT LOCATION SEE SHEET LSS-232.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

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Idaho Cleanup Project

INTEC
EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1774 RDM-12 SPEAKER WIRING DIAGRAM

PROJECT NUMBER: 26372
EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1774	12	136

SIZE D DWG- REV

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	0656	12	136

DRF NO. SHEET LSS-233

FMT-DV-REV 3.1

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Date: 03/20/08 - 12:12 PM Layout Name: Layout1
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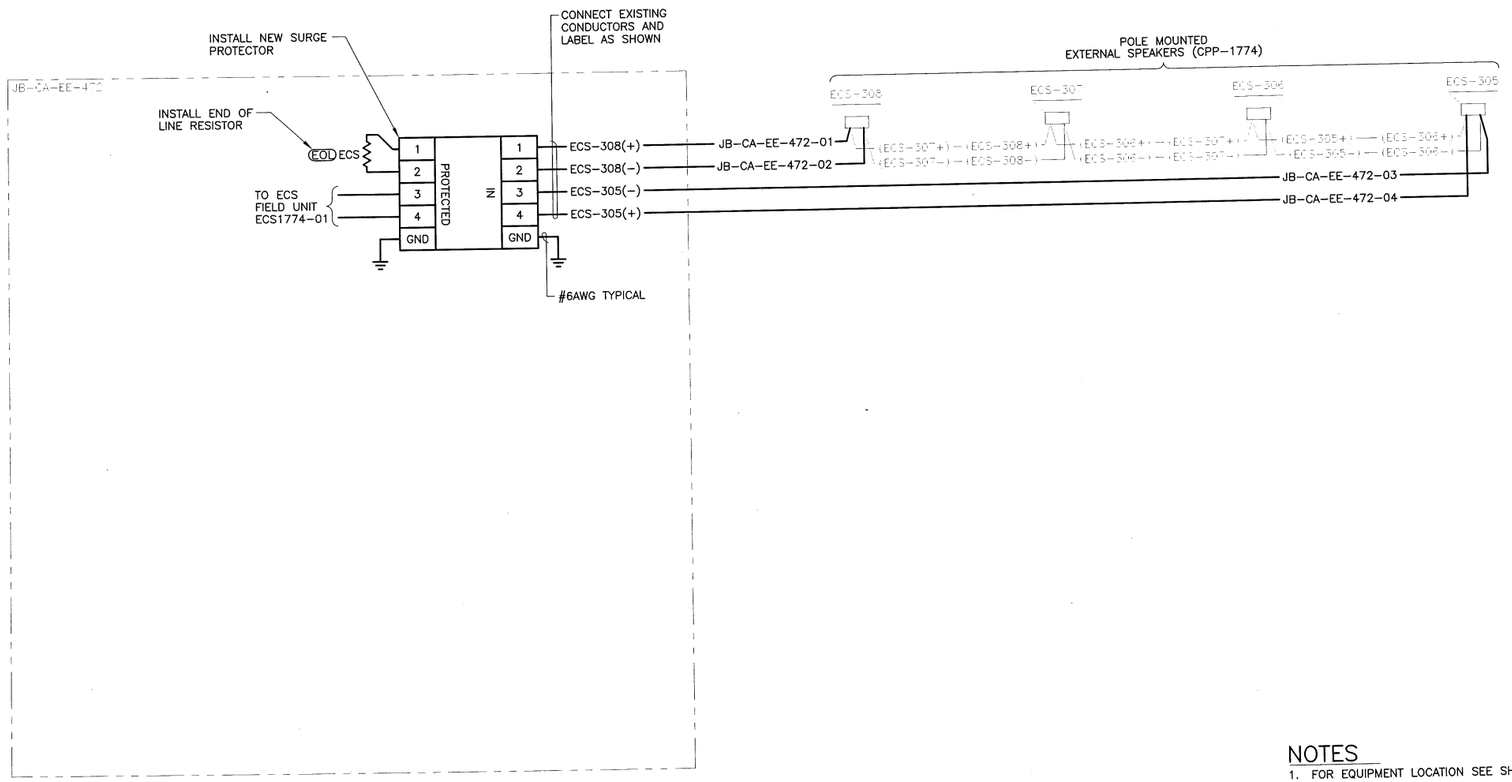

NOTES

1. FOR EQUIPMENT LOCATION SEE SHEET LSS-232.

PRELIMINARY
NOT RELEASED - NOT APPROVED FOR CONSTRUCTION

REV	DATE	DESCRIPTION

REVISION HISTORY

NO SCALE

DESIGN PHASE:	TITLE II
QUALITY LEVEL:	3
HORIZONTAL SCALE	NONE
VERTICAL SCALE	NA

FOR DRAWING INDEX SEE DRAWING NO. T-3

INITIALS/DATE APPLY TO CURRENT RELEASE ONLY

	INITIALS:	DATE:
DESIGN: D. CLARK		
DRAFTER: J. MONCUR		
DRAFTING CHECK: G. MACE		
TECHNICAL CHECK: EGS	-	-
ENG GROUP SUPERVISOR: W. REED		
DESIGN LEAD: M. BODILY		

CH2M HILL

Idaho Cleanup Project

INTEC EMERGENCY COMMUNICATIONS AND FIRE ALARM SYSTEMS

CPP-1774 ECS SPEAKER WIRING DIAGRAM

PROJECT NUMBER: 26372

EFFECTIVE DATE:

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	1774	12	136

SIZE D DWG- REV

DRF NO. SHEET LSS-234

File: LSS-234.dwg
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Date: 03/20/08 - 7:51 AM Layout Name: Model
ID: PERKGW