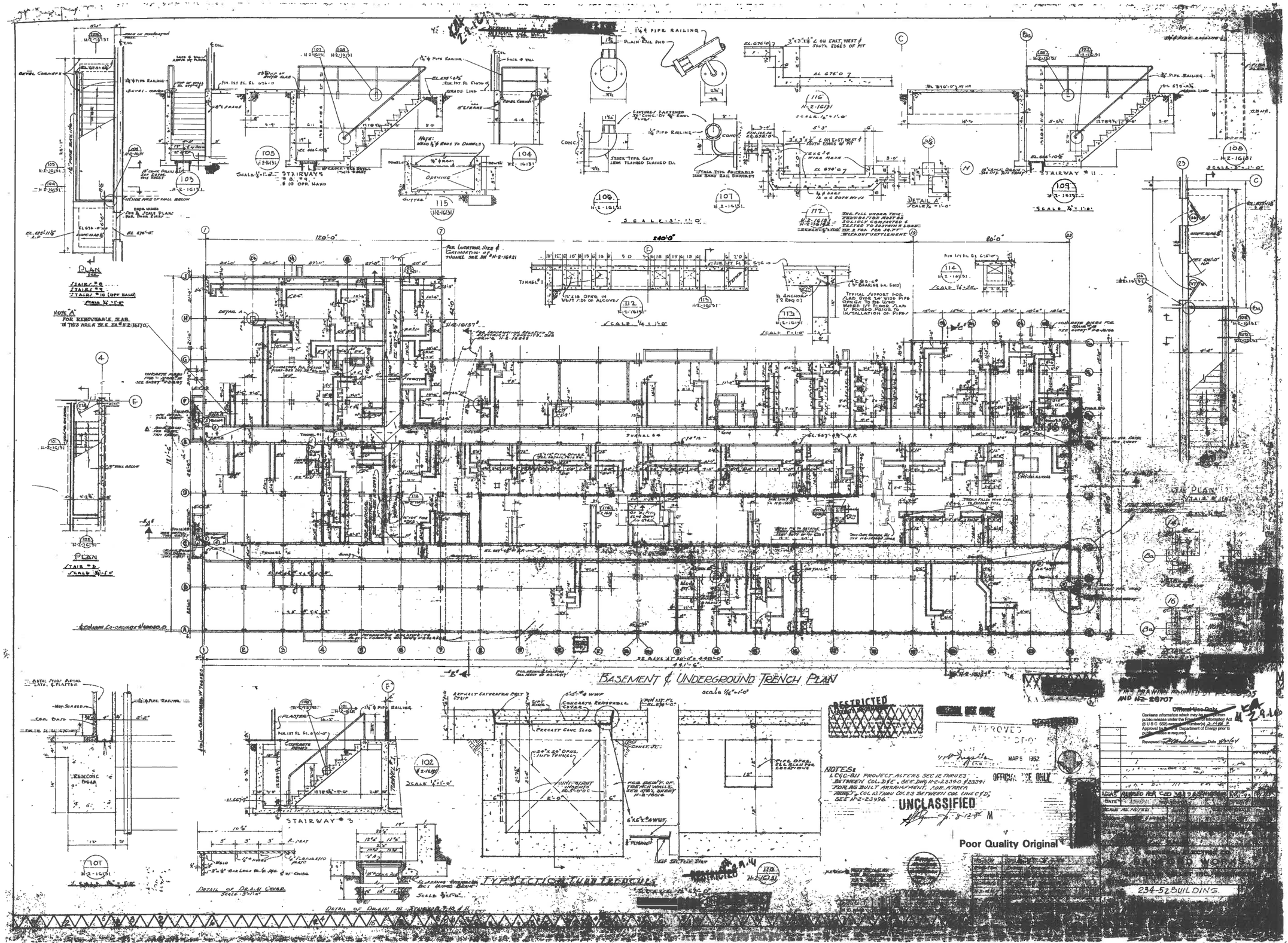
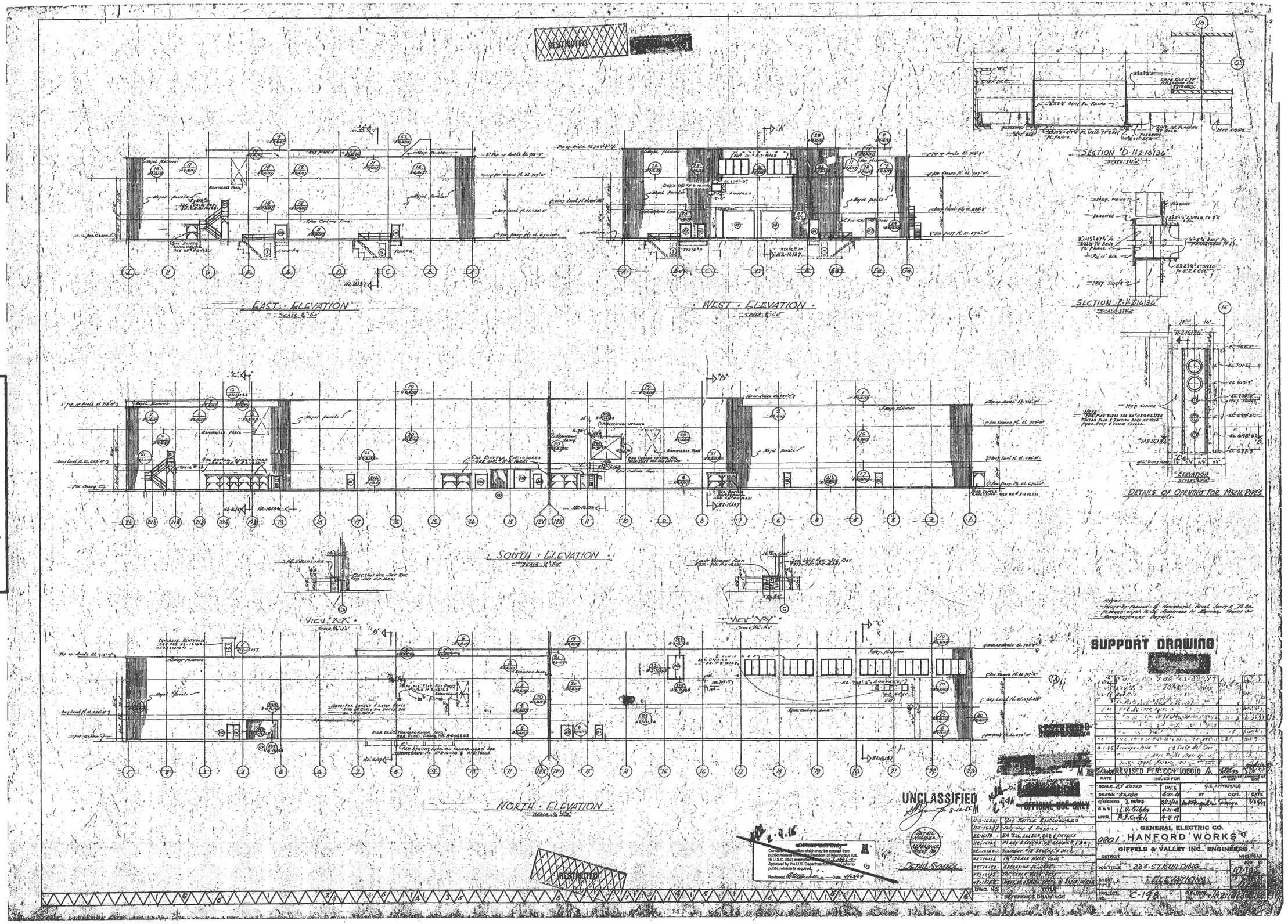
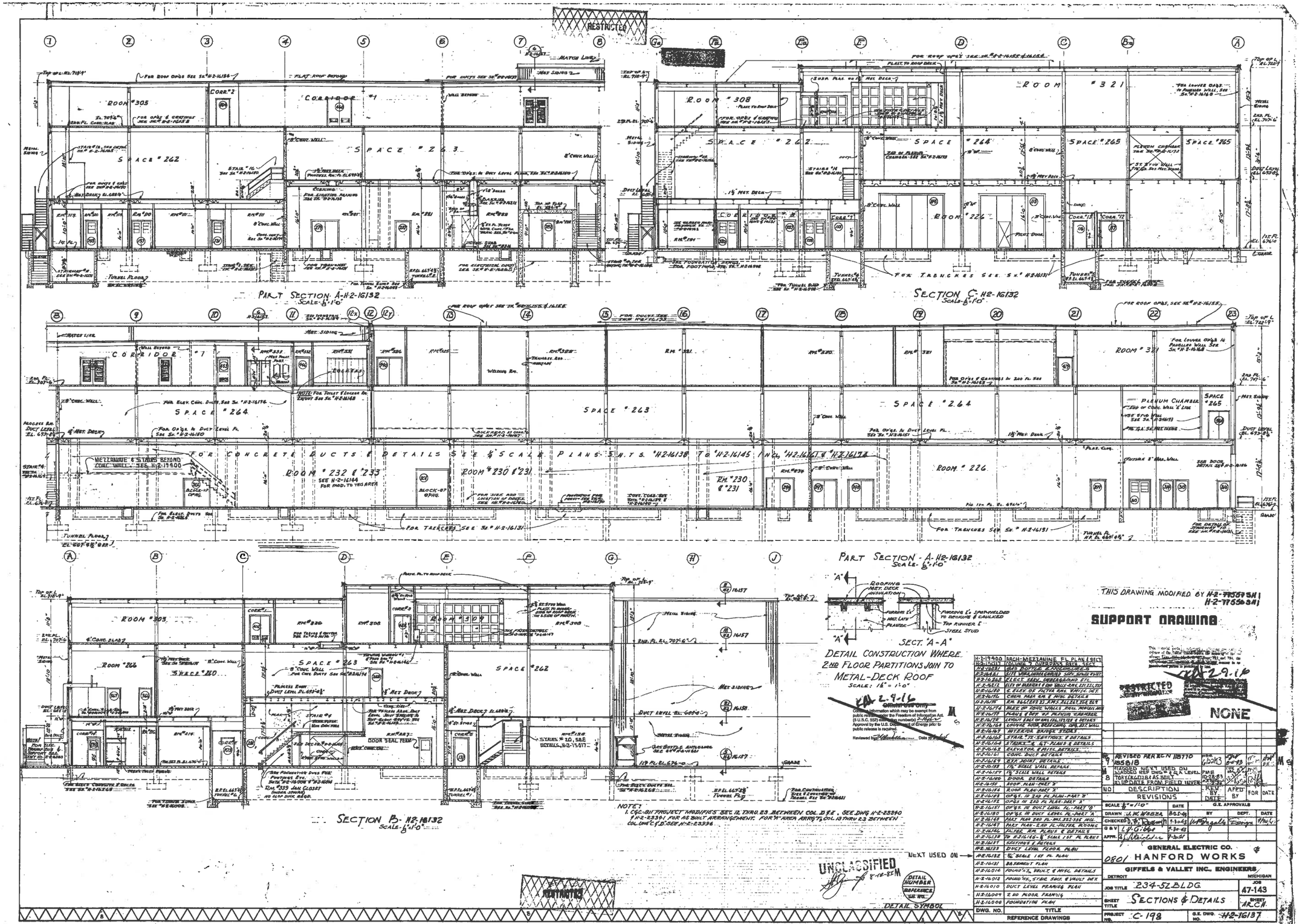


H-2-16131 SH 1 R17



DOES NOT CONTAIN
OFFICIAL USE ONLY INFORMATION



DOES NOT CONTAIN OFFICIAL USE ONLY INFORMATION

THIS DRAWING MODIFIED BY H-2-77559 SH 1, H-2-77559 SH 1

SUPPORT DRAWING

NONE

DWG. NO.	TITLE
H-2-19400	ARCH-MEZZANINE FL. PLAN & SECT
H-2-16131	BASEMENT PLAN & INTERIOR ELEV. SECT.
H-2-16132	GAS BOTTLE & DOOR SCHEDULE
H-2-16133	SITE VOLUME CONTROL SCH. SHEET 1 OF 1
H-2-16135	ELECT. SERV. UNDERGROUND ETC.
H-2-16172	ELEV. OF BASEMENT & 2ND FLOOR PLANS, SECTS.
H-2-16180	C. BLDG. OF FILTER RM. WATER DET.
H-2-16174	CREAM PREP. RM. & MISC. DETAILS
H-2-16175	RM. 206, 207 & 213 ARMS, 214, 215, 216, 217
H-2-16176	PLEX OF CONC. WALLS, PAIL, PARTITIONS
H-2-16177	PLANS & DETS. OF PLASTER CABINETS
H-2-16178	LAYOUT BLDG OF WALL TILE, TILE & DETAILS
H-2-16179	CONCRETE WORK, REFACING, CURB, EXT. WALL
H-2-16187	INTERIOR BRONZE STAIRS
H-2-16163	STAIR #7C-SECTIONS & DETAILS
H-2-16164	STAIRS "C" & "E" PLANS & DETAILS
H-2-16165	ELEVATOR & MISC. DETAILS
H-2-16161	CONC. DUCT DETAILS
H-2-16189	EXP. JOINT DETAILS
H-2-16188	1½" SCALE WALL DETAILS
H-2-16167	1½" SCALE WALL DETAILS
H-2-16160	DOOR DETAILS
H-2-16155	ROOF PLAN-PART "B"
H-2-16151	ROOF PLAN-PART "A"
H-2-16183	OPGS. IN 2ND FL PLAN-PART "B"
H-2-16152	OPGS IN 2ND FL PLAN-PART "A"
H-2-16181	OPGS. IN DUCT LEVEL FL.-PART "B"
H-2-16180	OPGS. IN DUCT LEVEL FL.-PART "A"
H-2-16148	PART PLAN 2ND FL.-INCL. 232-235 INCL.
H-2-16147	PART PLAN-2ND FL.-FILTER ROOMS
H-2-16146	FILTER RM. PLANS & DETAILS
H-2-16138	TO H-2-16145-½" SCALE 1ST FL. PLANS
H-2-16137	SECTIONS & DETAILS
H-2-16133	DUCT LEVEL FLOOR PLAN
H-2-16132	½" SCALE 1ST FL. PLAN
H-2-16131	BASEMENT PLAN
H-2-16016	FOUND'N, VAULT, & MISC. DETAILS
H-2-16013	FOUND'NS, STAIR, SECT. & VAULT DET.
H-2-16010	DUCT LEVEL FRAMING PLAN
H-2-16009	2ND FLOOR FRAMING
H-2-16008	FOUNDATION PLAN

REFERENCE DRAWINGS

NO	DESCRIPTION	REV BY	APPD BY	FOR	DATE
9	REVISED PER ECN 118770 & 185818				
8	TRACED NEXT USED ON, ADDED REF DWG & R.R. LEVEL TOPY (KAD) & AS BUILT IN (IP) DATA FROM FIELD INVES.	PMB 10-28-83			

REVISIONS

SCALE 1/8"=1'0"	DATE	G.E. APPROVALS	
DRAWN J.W. WEBER	8-25-83	BY	DEPT.	DATE
CHECKED	9-30-83			
G&V L.G. Gibbs	9-30-83			
APPR.	9-30-83			

GENERAL ELECTRIC CO.

0801 HANFORD WORKS

GIFFELS & VALLET INC., ENGINEERS

DETROIT MICHIGAN

JOB TITLE 234-52 BLDG. — JOB 47-143

SHEET TITLE Sections & Details — SHEET A.R.CH.

PROJECT NO. C-198 — G.E. DWG. NO. H2-16137

DOES NOT CONTAIN
OFFICIAL USE ONLY INFORMATION
PER EJK
Date 2-8-16

RESTRICTED
OFFICIAL USE ONLY

AS BUILT-RECORD DWG
NOT FOR FABRICATION

ROOM 134
ROOM 132 M
ROOM 131
ROOM 133
ROOM 135
ROOM 136
ROOM 139
ROOM 137
ROOM 138
ROOM 127
ROOM 128
ROOM 126
ROOM 140-B
ROOM 140-C
ROOM 140A
ROOM 142
ROOM 141
ROOM 143
ROOM 144
ROOM 145
ROOM 145A
ROOM 146
ROOM 147
ROOM 148
ROOM 149
ROOM 150
ROOM 151
ROOM 152
ROOM 153
ROOM 154
ROOM 155
ROOM 156
ROOM 157
ROOM 116
ROOM 221
ROOM 110A
CORRIDOR #4
CORRIDOR #3
CORRIDOR #5
RM #223

DETAIL "C"

ELEVATION OF PASS WINDOW FROM CORRIDOR SIDE

SYMBOLS
E.D. EXHAUST DUCT
A.S. AIR SPACE
D.S. DOUBLING SHOULDER
P.W. PASS WINDOW
E.D.T. EXHAUST TUNNEL

NOTES:
1. FOR TYPICAL METAL PARTITION DETAILS FOR THIS ROOM SEE DRAWING H-2-16138.
2. DOUBLING BLOCK & LOCATIONS INDICATED - SEE SHT H-2-16131
FOR CONTINUATION SHEET 2.

KEY PLAN

APPROVED FOR CONSTRUCTION

SUPPORT DRAWING

Contains information which may be subject to public release under the Freedom of Information Act (5 U.S.C. 552) and 10 CFR Part 9. Contact the U.S. Department of Energy prior to public release is required.

Reviewed by Date

2-8-94	3	185818; 300099 ECN's 185622, 179384; REV. PER EO 444 35, AND CEA 2-8-94 DOES NOT PERTAIN TO DWG 4576,6062, DIDNOT INCLUDE INCORR. PCN 4385, CEO 3391	
11/18/86	2	PER FIELD INSP & PER EO 487 DIRECT DWG CHANGE REVISED	

DATE	ISSUED FOR		G.E. APPROVALS		
SCALE 1/4" = 1'-0"		DATE	BY	DEPT.	DATE
DRAWN L. NOQUIST					
CHECKED J. BURNS					
QAV					
APPR.					

GENERAL ELECTRIC CO.
0800 HANFORD WORKS
GIFFELS & VALLET INC., ENGINEERS
DETROIT
JOB TITLE 231-52BLOG
SHEET TITLE FIRST FLOOR PLAN
DWG. 1 OF 2

FIRST FLOOR PLAN - (PART 1)
SCALE 1/4" = 1'-0"

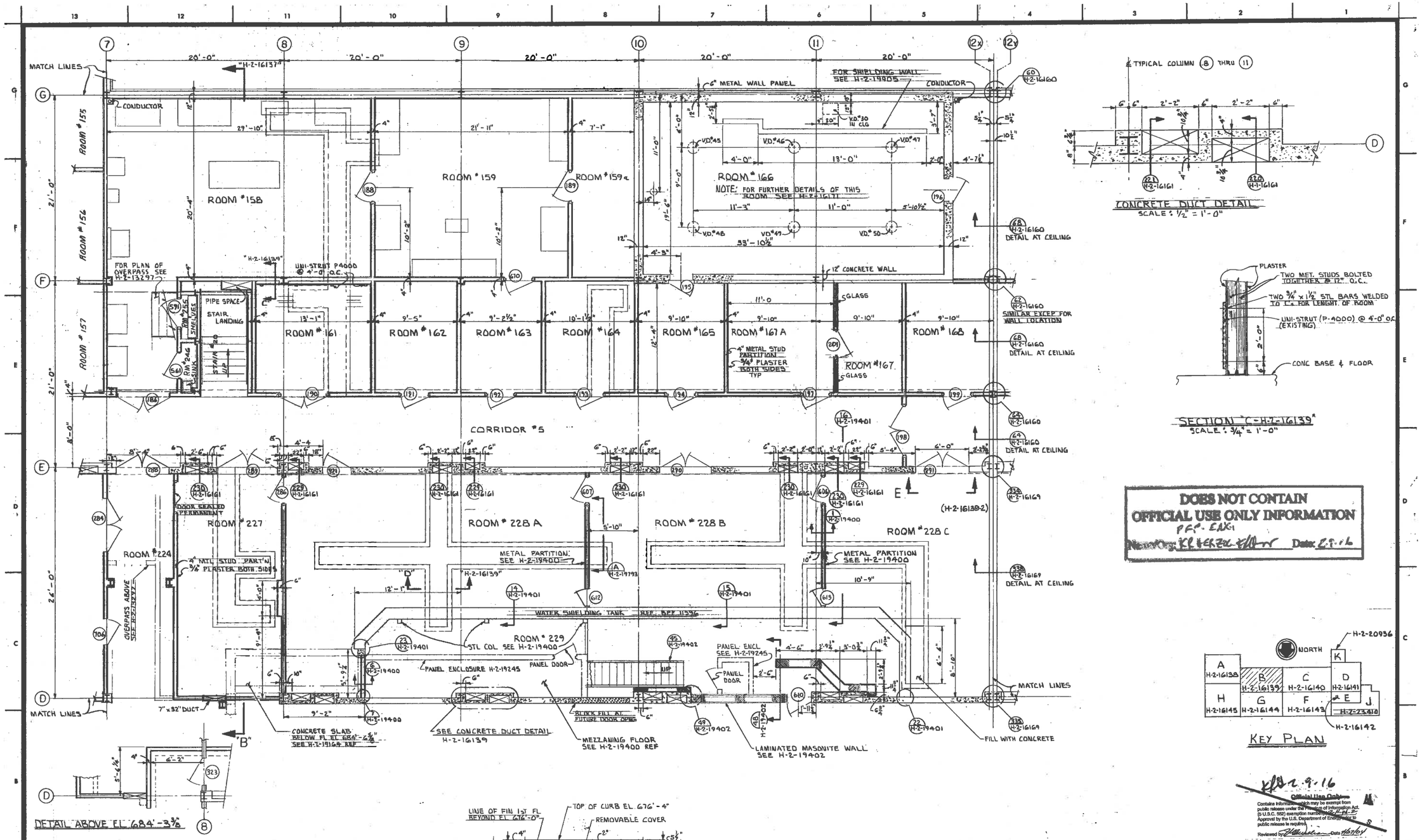
RESTRICTED
OFFICIAL USE ONLY

UNCLASSIFIED

NEXT, USED ON - H-2-16132

DETAIL 1/H1601

H-2-16138 SH1 R13

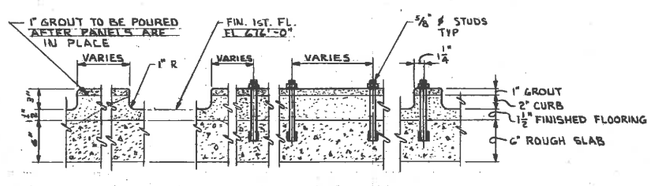


CONCRETE DUCT DETAIL
SCALE: 1/2" = 1'-0"

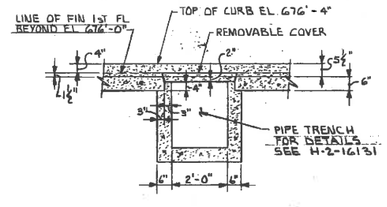
SECTION "C" H-2-16139
SCALE: 3/4" = 1'-0"

DOES NOT CONTAIN OFFICIAL USE ONLY INFORMATION
PFP-ENG-1
Name/Org: [illegible] Date: 2-9-16

DETAIL ABOVE EL 684'-3 3/8"



TYPICAL PANEL CURB DETAILS
SCALE 1 1/2" = 1'-0"



SECTION "D" H-2-16139
SCALE: 1/2" = 1'-0"

KEY PLAN

H-2-16210	HOLES IN CURB ANGLES IN COL 14 & 17
H-2-16209	HOLES IN CURB ANGLES IN COL 8 & 13
H-2-16171	DETAILS OF RM #166
H-2-16137	SECTIONS ~ 1/8" SC.
H-2-16172	CONC. DETAILS-STAIRS #1, 2, 4, 6, 7
H-2-16164	STAIRS #4, 6 & 7
H-2-16161	CONC DUCTS-1ST FL TO DUCT LEVEL
H-2-16169	EXPENSION JOINT DET ON ROW D
H-2-16160	EXPENSION JOINT DETAILS

DWG NO. — DRAWING TITLE

REFERENCE DRAWINGS
NEXT USED ON H-2-16132

REV NO.	REVISION APPROVAL	DRAFTING	DESIGN BY DATE	REV BY DATE	DESCRIPTION	REV. SYM.
8					195084, ADDED SH. 2 ECN'S 166484, 185818, 191656 175599, 176255, 184899, 180956 INCORP CBCS 193564, 179860.	15
15						15

REVISIONS
COMMENT PRT ISSUE NO. — DATE — CHECK PRT. ISSUE NO. — DATE
DRAWING STATUS

UNCLASSIFIED
8-12-96

DRAWING APPROVALS	DATE
APPD FOR QUALITY ASSURANCE	
APPD W. P. INGALLS	7/14/88
APPD	
DESIGN ENGINEER E. J. STEIGLEDER	7/14/88
DRAFTING LEADER L. V. GIBBS	7/14/88
DRAFTING APPD	
CHECKED H. GOLD	7-14-88
DESIGN ENGINEER LUNDQUIST	7-14-88

SUPPORT DRAWING

U. S. Department of Energy
Richland Operations Office
Rockwell Hanford Operations
Richland, Washington 99352

FIRST FLOOR PLAN
PART "B"

SCALE: 3/4" = 1'-0" & LARGER — CLASS NO. 234-5Z — SHEET NO. 0800
NONE — NOT REQD — H-2-16139 — SHEET 1 OF 2

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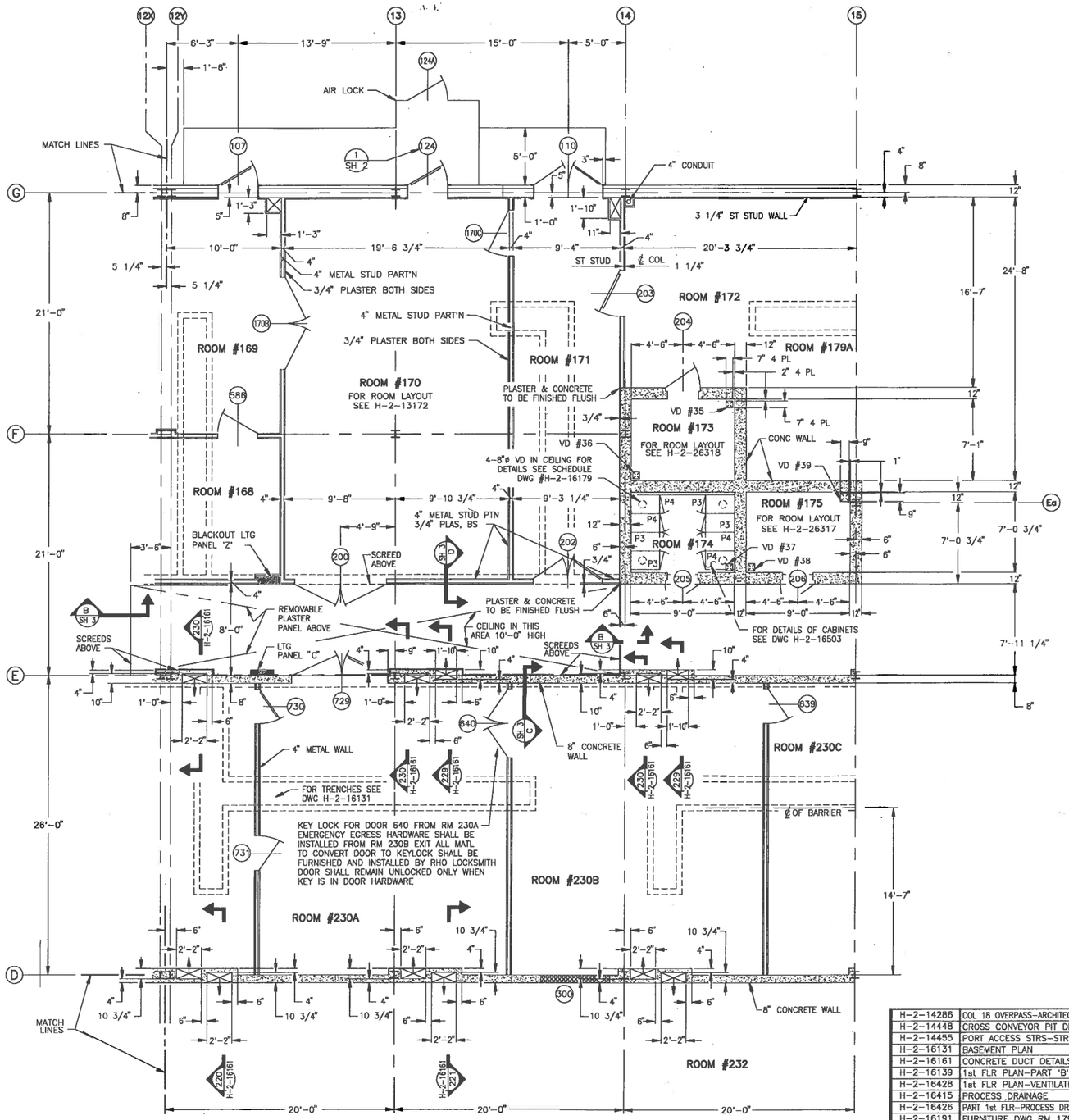
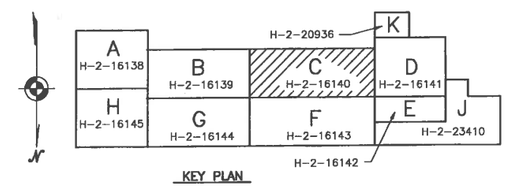
Contains information which may be exempt from public release under the Freedom of Information Act. (5 U.S.C. 552) exemption number(s) Not 5
Approval by the U.S. Department of Energy prior to public release is required.
Reviewed by [illegible] Date 2-9-16



GENERAL NOTES

1. ALL INTERIOR PARTITIONS TO BE OF 4" METAL STUDS WITH 3/4" PLASTER BOTH SIDES UNLESS OTHERWISE NOTED
2. THIS DRAWING IS ALTERED BY DRAWING H-2-19005
3. THIS DRAWING IS ALTERED BY DRAWING H-2-80352
4. THIS DRAWING IS ALTERED BY DRAWING H-2-95672
5. FOR CURRENT ROOM AND DOOR NUMBERS SEE H-2-80249
7. WELD PER AWS D1.1/D1.3. WELDING QUALIFICATIONS AND PROCEDURES PER ASME SECTION IX ARE ACCEPTABLE
8. IDENTIFY DOOR PER H-2-80249, GENERAL NOTE 8



KEY PLAN

FOR MODIFICATION
SEE DRAWING
H-2-19001
H-2-23340
H-2-23341
H-2-23996 (CGC 811)

DOES NOT CONTAIN OFFICIAL USE ONLY INFORMATION
PFP-ENG-
Name/Org: KR HERZOG Date: 2-9-16

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Approval by the U.S. Department of Energy prior to public release is required.
Reviewed by: Date: 2/9/16

SUPPORT DRAWING

DWG NO	TITLE
H-2-14286	COL 18 OVERPASS-ARCHITECTURAL
H-2-14448	CROSS CONVEYOR PIT DETAILS
H-2-14455	PORT ACCESS STRS-STRS #21
H-2-16131	BASEMENT PLAN
H-2-16161	CONCRETE DUCT DETAILS
H-2-16139	1st FLR PLAN-PART 'B'
H-2-16428	1st FLR PLAN-VENTILATION
H-2-16415	PROCESS DRAINAGE
H-2-16426	PART 1st FLR-PROCESS DRAINAGE
H-2-16191	FURNITURE DWG RM 179
H-2-16172	CONC DETS STRS 1,2,4,5,6,&7
H-2-16170	DETS FOR RMS 126,127,&128
H-2-16167	INTERIOR BRIDGE DETAILS
H-2-16164	STAIRS 4,5,6,&7
H-2-16162	ELEVATOR & MISC DETAILS

DRAWING TRACEABILITY LIST — REF NUMBER: REFERENCES — TITLE
NEXT USED ON: H-2-16131

REV NO	REV BY	DESCRIPTION	REV DATE	REV DATE	REV DATE	CODE CHECK	OTHERS	OTHERS
17	SMS	&185818 ECN 186222, 175589 28097, 29910, 18924, CEO 14807, 23045, 51768, 54443, 51817, REVISED PER FCN 51572, ECN 606437, ADDED SH 2&3, REDRAWN TO ACAD PER	REC 12-26-94					

REVISIONS — APPROVALS BY/DATE

CADFILE B016140A — CADCODE DOS:5.0:ACD2:12:SS

DRAWN	LUNDQUIST	8-20-48
CHECKED	D.F.ROYCRAFT	10-4-48
DFTG APVD	W.P.MCALLS	10-5-48
COG ENGR		
APVD	C.J.STEIGLESMC	10-4-48
APVD	L.V.GIBBS	10-4-48
APVD		
APVD		
APVD		
APVD		

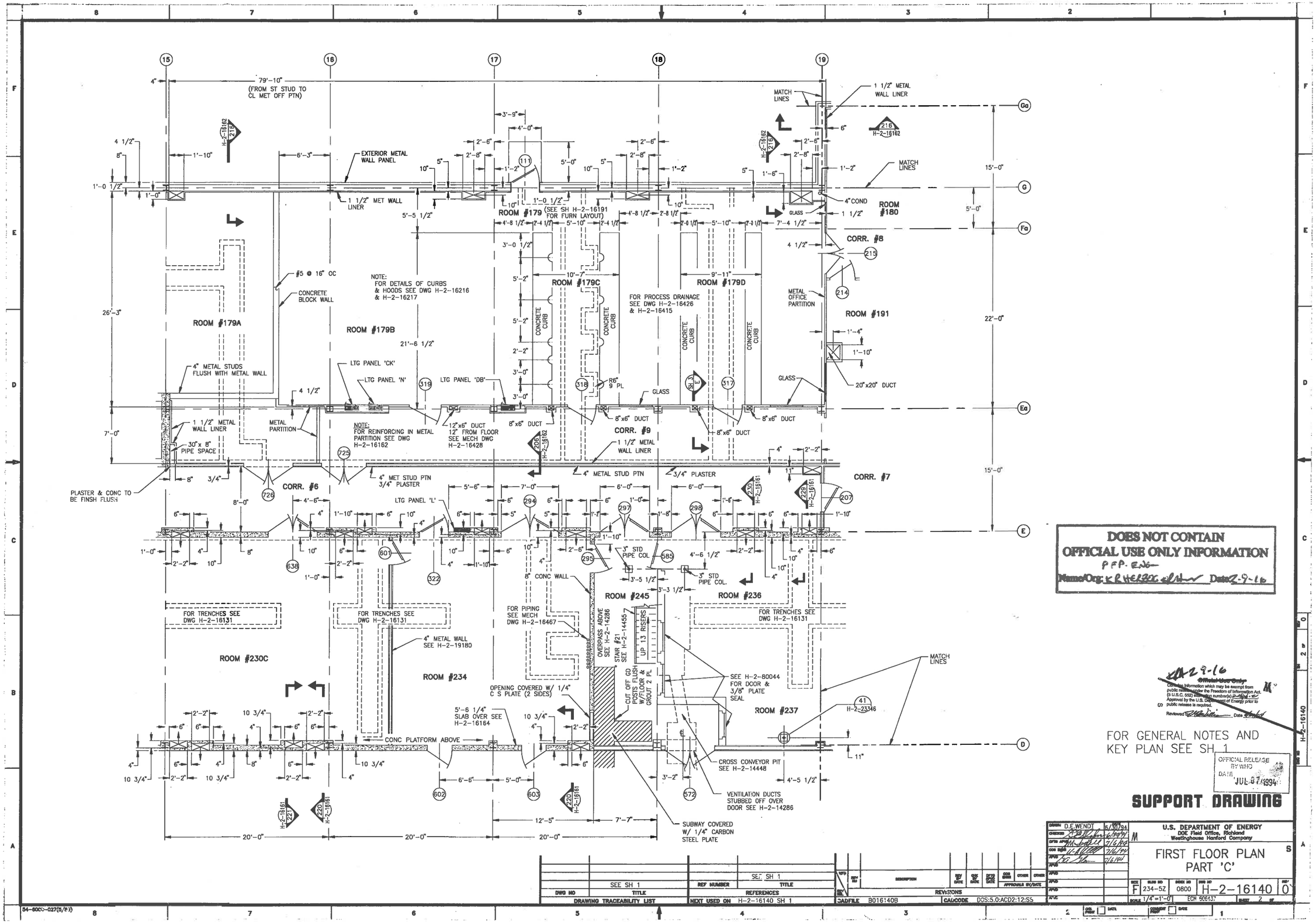
U.S. DEPARTMENT OF ENERGY
DOE Field Office, Richland
Westinghouse Hanford Company

FIRST FLOOR PLAN PART 'C'

SIZE F — BLDG NO 234-5Z — DWGNO 0800 — TYPE NO H-2-16140 — REV 17
SCALE 1/4"=1'-0" — SHEET 1 OF 3

PRE PRINT ☐ DATE — COMMENT PRINT ☐ DATE

54-8000-027(5/89)



DOES NOT CONTAIN OFFICIAL USE ONLY INFORMATION
PFP. ENG
Name/Org: K R HERZOG Date: 2-9-16

2-9-16
Official Use Only
Contains information which may be exempt from public release under the Freedom of Information Act. (5 U.S.C. 552) exemption number(s) 2-16194 Approval by the U.S. Department of Energy prior to public release is required.
Reviewed: Date

FOR GENERAL NOTES AND KEY PLAN SEE SH 1

OFFICIAL RELEASE BY WHO
DATE JUL 07 1994

SUPPORT DRAWING

DWG NO	TITLE	REF NUMBER	TITLE
SEE SH 1		SEE SH 1	

DRAWING TRACEABILITY LIST — REFERENCES — NEXT USED ON H-2-16140 SH 1

REVISIONS

CADFILE B016140B — CADCODE DOS:5.0:ACD2:12:SS

DRAWN D.E.WENDT 6/30/94
CHECKED 6/30/94
DFTG APVD 7/6/94
DOS APVD 7/6/94
APVD 7/6/94

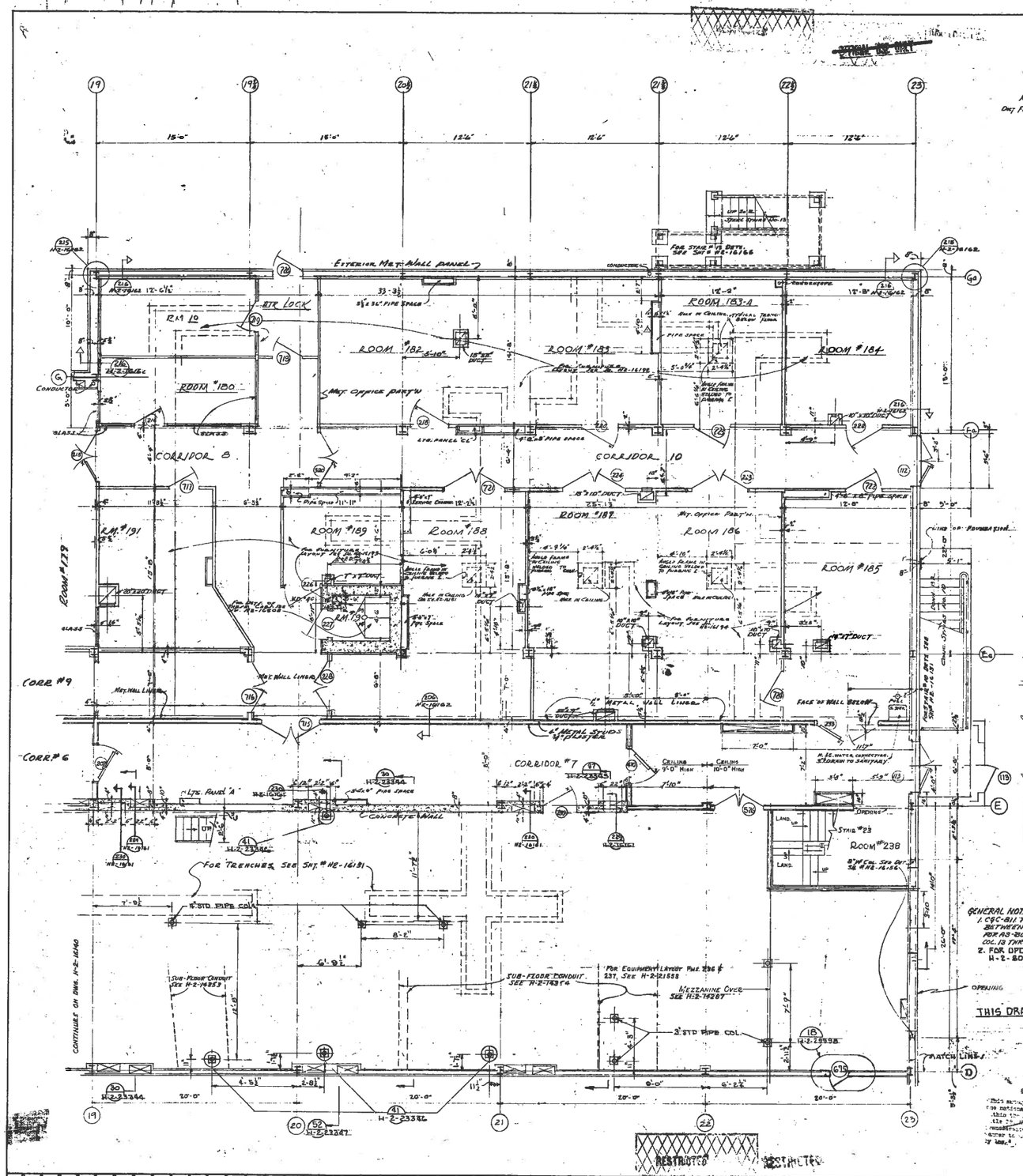
U.S. DEPARTMENT OF ENERGY
DOE Field Office, Richland
Westinghouse Hanford Company

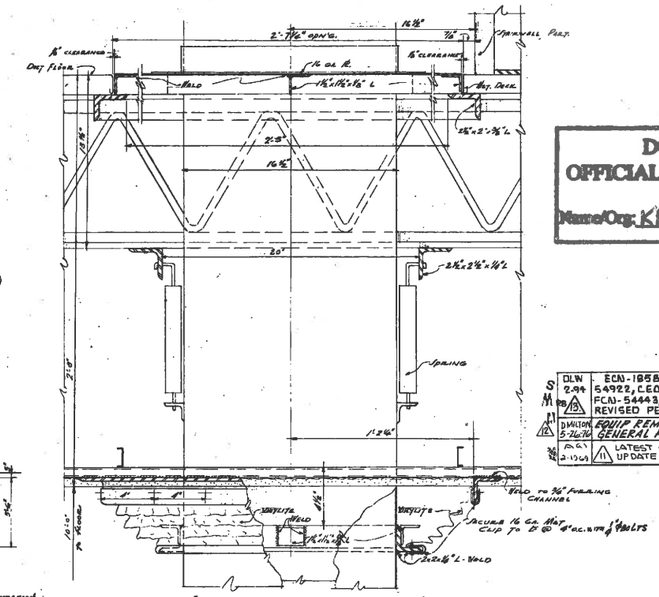
FIRST FLOOR PLAN
PART 'C'

SIZE F — SLDG NO 234-5Z — SHEET NO 0800 — DWG NO H-2-16140 — REV 0
SCALE 1/4"=1'-0" — ECN 606437 — SHEET 2 OF

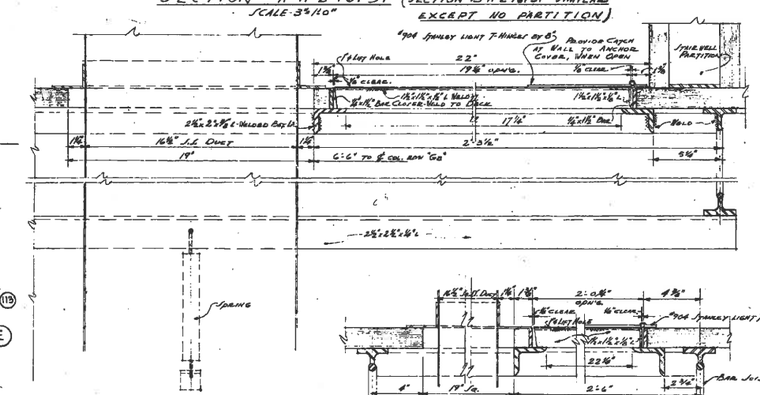
54-6000-027(5/83)

DOES NOT CONTAIN
OFFICIAL USE ONLY INFORMATION
Name/Org: KR Herzog Date: 2-9-16

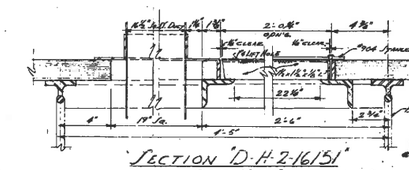




"SECTION A-H-2-16151" (SECTION "B-H-2-16151" SIMILAR EXCEPT NO PARTITION)
SCALE-3"=1'0"



"SECTION C-H-2-16151"
SCALE-3"=1'0"



"SECTION D-H-2-16151"
SCALE-3"=1'0"

GENERAL NOTES:
1. CQC-811 PROJECT MODIFIES COL 19 THRU 23 AREA BETWEEN COL. D & E. SEE DWG H-2-23390 & H-2-23391 FOR AS-BUILT ARRANGEMENT. FOR 56" AREA ARRG'T, COL 13 THRU 23 BETWEEN COL. C & D, SEE H-2-23396.
2. FOR UPDATED ROOM & DOOR NUMBERS SEE H-2-80249.

THIS DRAWING MODIFIED BY H-2-95672

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Approval by the U.S. Department of Energy prior to public release is required.
Reviewed by ____ Date ____

DETAIL SYMBOL

H2-16164	DETAIL STAIR #13		
H2-16162	ELEVATOR & MISC. DETAILS		
H2-16156	DOOR DETAILS		
H2-16151	BASEMENT PLAN		
DWG. NO.	TITLE		

REFERENCE DRAWINGS

A H-2-16159	B H-2-16159	C H-2-16160	K H-2-16161
H H-2-16165	G H-2-16166	L H-2-16167	E V

H-2-20936

KEY PLAN
NONE

APPROVED FOR CONSTRUCTION
PROJECT ENGR. 8-4-50

DATE	ISSUED FOR	APPROVED BY	APPROVED BY DATE
2-26-53	REVISED TO GENERAL NOTE #1		
8-8-52	REVISED "D" TO AS-BUILT		
6/11/51	ADDED NOTE 12&13		
12-11-51	CHECKED FOR "AS-BUILT"		
5-26-	CHECKED FOR "AS-BUILT"		
4-2-49	F.O. ADDED IN ROOMS & DWG. ADDED		
12-2-48	CHANGED HOLE DIM. ADDED WALL FIX.		
11-10-48	V.O. ADDED		
11-2-48	CHANGED POCKET DOORS TO CLOSE, NOTE ADDED		
10-8-48	CONC. FILLED - PIPE SPACE SYM. ADDED		
10-5-48	CONSTRUCTION		
8-24-48	PURCHASE OF MET. OFFICE PART. (TOM)		

SCALE 1/8" = 1'-0"	DATE	G.E. APPROVALS		
DRAWN LUNDQUIST	8-24-48	BY	DEPT.	DATE
CHECKED	10-1-48		Design	
G & V	10-1-48			
APPR.	10-1-48			

GENERAL ELECTRIC CO.
ARDC HANFORD WORKS
GIFFELS & VALLET INC., ENGINEERS
DETROIT MICHIGAN

JOB TITLE	234-5 BLDG.
JOB	47-143
SHEET TITLE	FIRST FLOOR PLAN PART "D"
SHEET	ARCH.
PROJECT NO.	E-178
G.E. DWG. NO.	H-2-16141

DOES NOT CONTAIN
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Reviewer: K. Wagner Date: 3-8-16

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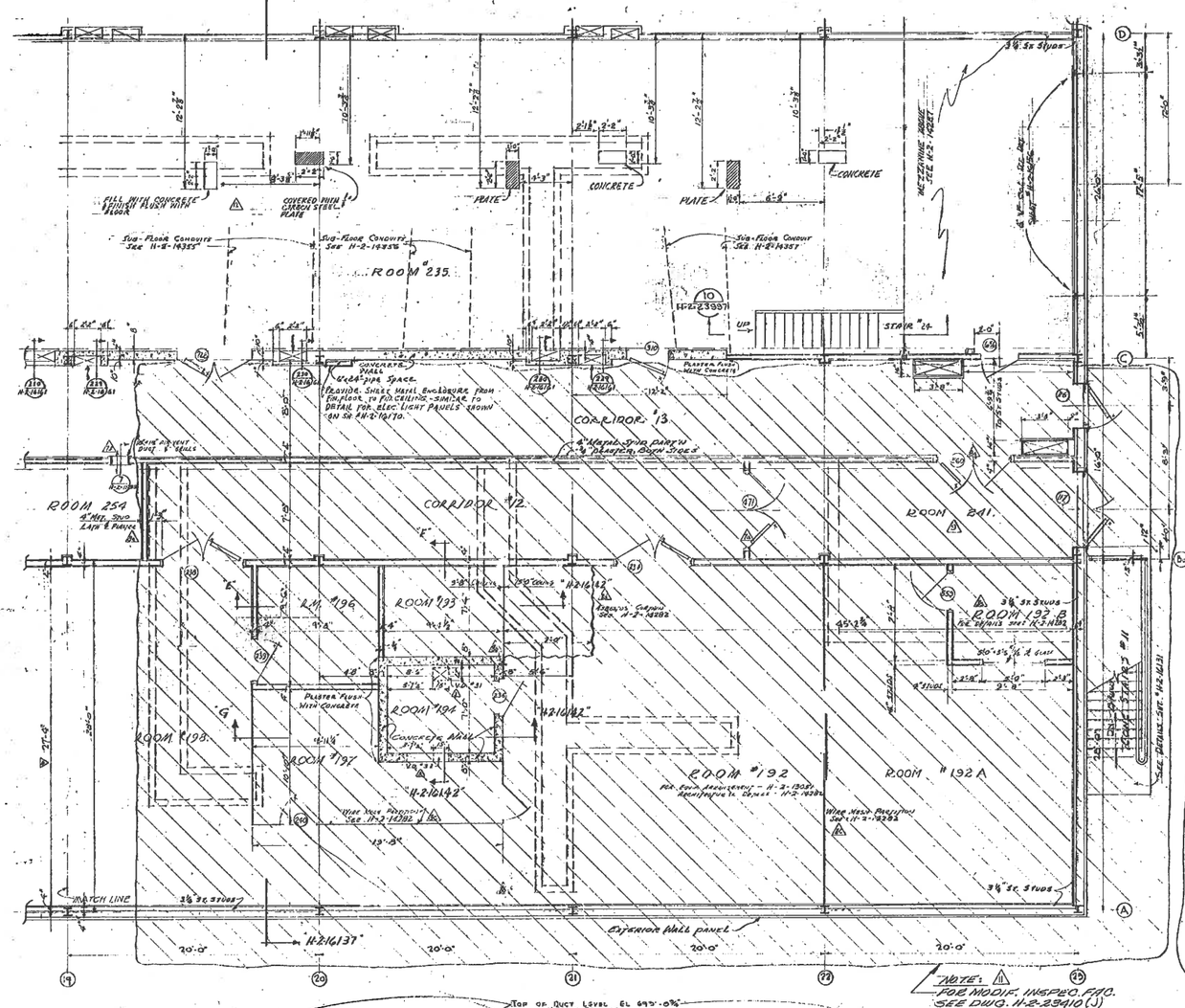
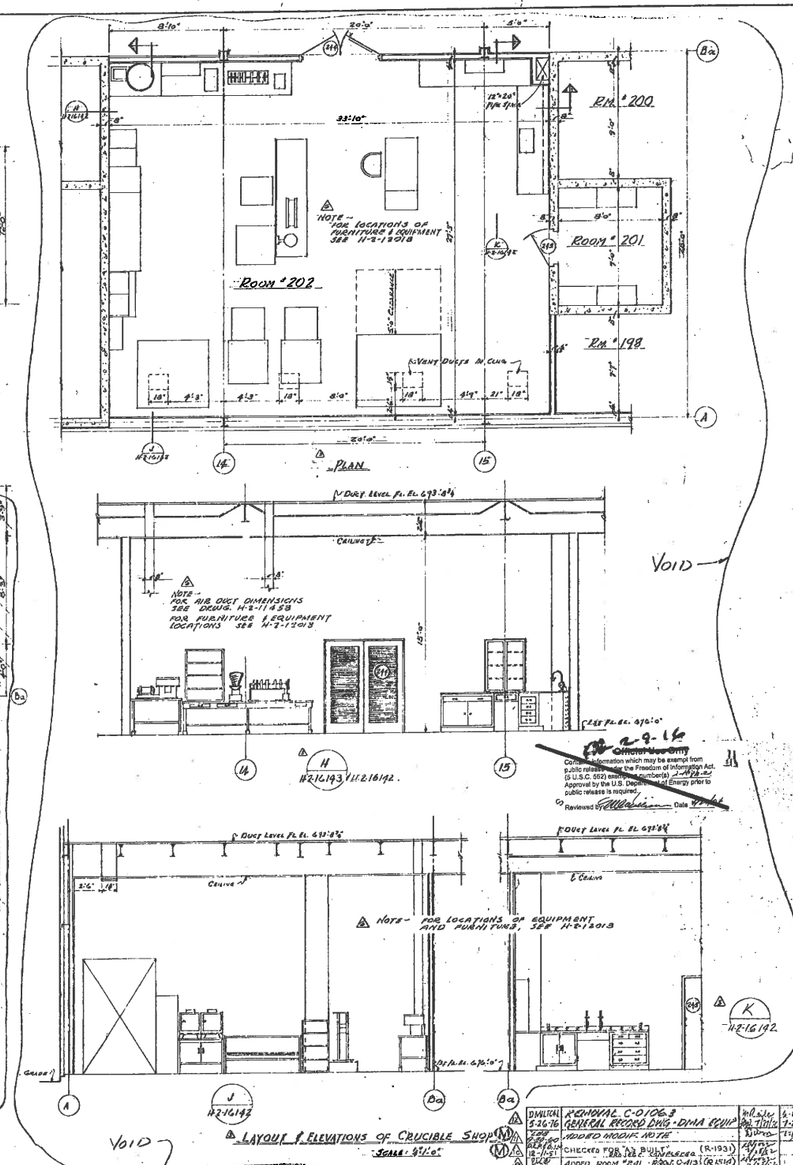


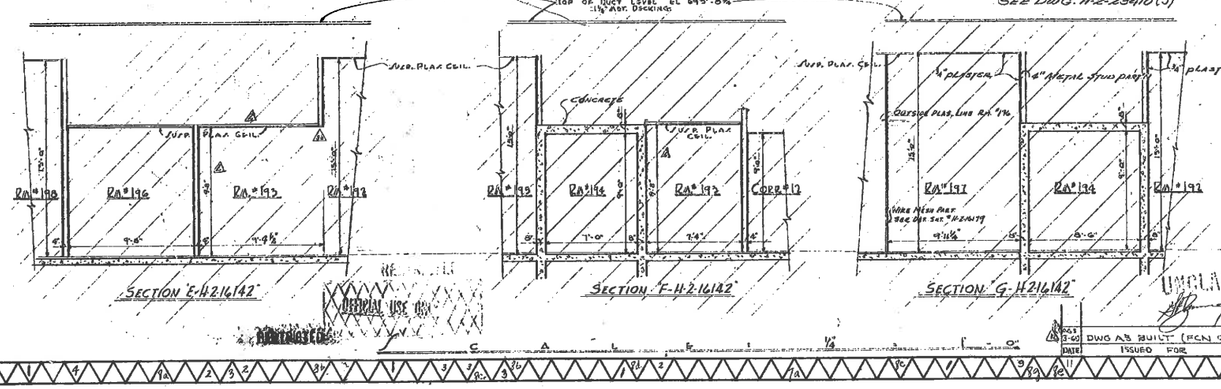
NOTE: FOR MODIF. INSPEC. FIG. SEE DWG. H-2-23410 (J)



LAYOUT & ELEVATIONS OF CRUCIBLE SHOP

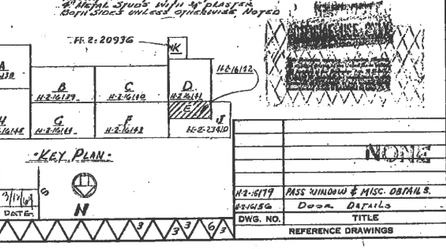
SCALE: 1/4"=1'-0"

VOID



APPROVED FOR CONSTRUCTION
PROJECT G-113
PROJECT ENGINEER MAR 28 1981 DATE

Note.
All partition partition to be of 4" Metal Studs and 1/2" plaster. Both sides unless otherwise noted.



DATE	ISSUED FOR	APPRD BY	DATE
3-8-81	DWG AS BUILT (FCN 0335)		3/17/81

DWG. NO.	TITLE
H-2-16179	PASS WINDOW & MISC. DETAILS
H-2-16150	DOOR DETAILS

REFERENCE DRAWINGS

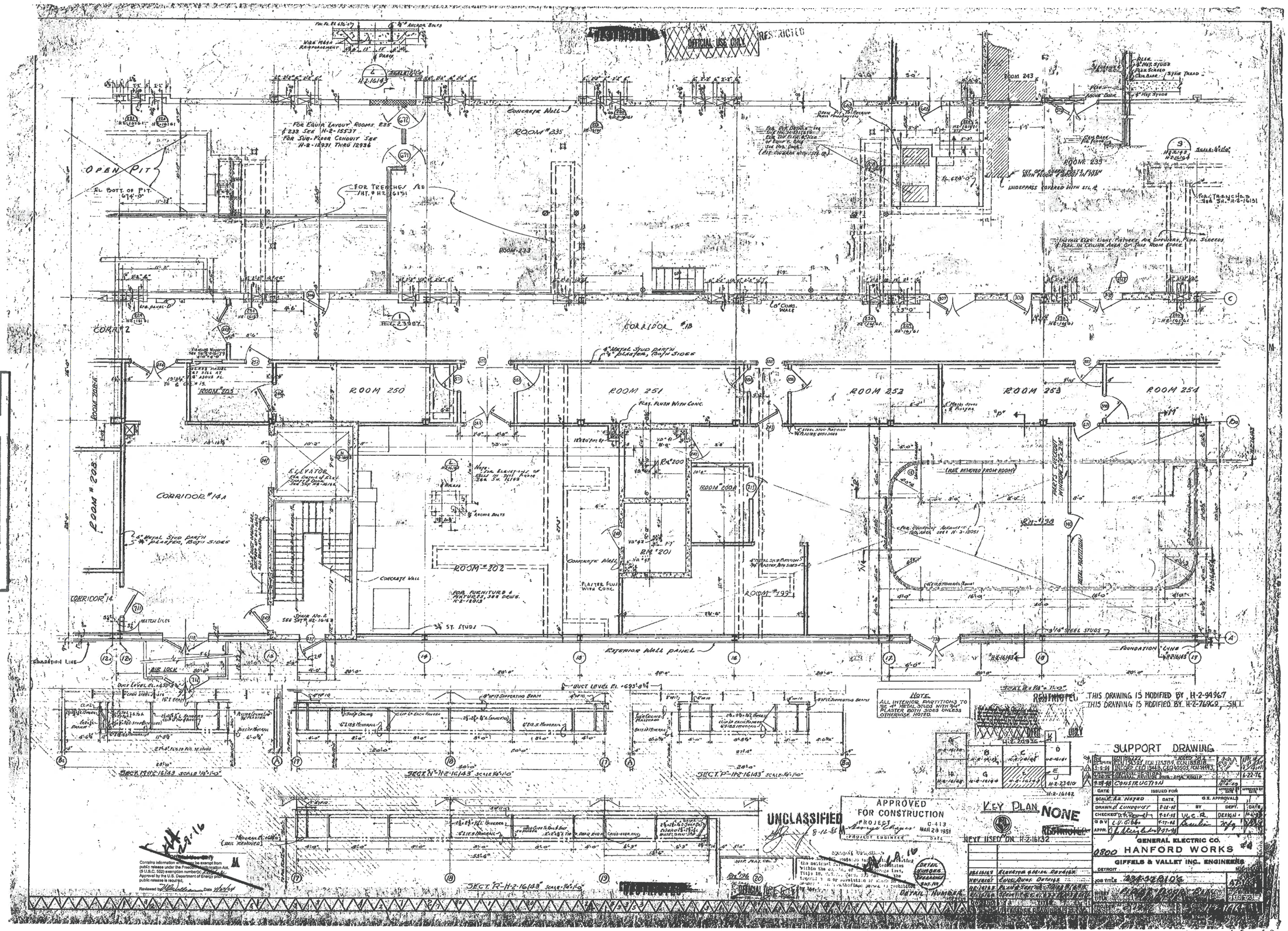
NONE

DATE	ISSUED FOR	APPROVED BY	APPROVED DATE
9-26-76	REMOVAL C-0106.3 (REVISED RECORD DWG - DWA REV)		9-28-76
7-29-80	REVISED MODIF. NOTE		7-29-80
8-8-81	CHECKED FOR "AS BUILT"		8-8-81
10-5-81	ADDED ROOM #201 - REF. C-0113 (R-1510)		10-5-81
10-6-81	(2) Add. Doors 500		10-6-81
10-7-81	(8) ADDED RADIOS (7) ADDED TEL'S (1) Sides Aluminum Removed		10-7-81
10-8-81	(2) Remove Partitions (2) Add'd Wall Partitions (1) Added Partition Rm. 200		10-8-81
10-21-81	C-198 - Added Door #11		10-21-81
4-5-82	NOTE ADDED. REV.		4-5-82
8-2-82	CHECKED FOR "AS BUILT"		8-2-82
8-2-82	12" "ADDED TO 2" INDICATED "AS BUILT"		8-2-82
10-14-82	REV. VENT DUCT PLAN & ELEVATION ADDED		10-14-82
10-21-82	REV. CHANGED CLNG. HEIGHT & DIMS.		10-21-82
10-22-82	REV. WIRE MESH PART. & "MAN RAIL" SHOWN.		10-22-82
7-18-83	CONSTRUCTION		7-18-83

SCALE	1/4" = 1'-0"	DATE	G.E. APPROVALS		
DRAWN	C. PONVILLE	7-2-80	BY	DEPT.	DATE
CHECKED	T. Nordquist	7-2-80	W. Hyde	Design	7/1/80
G.E.	J. G. Eddy	7-7-80	J. Martin	Proj.	7-30-81
APPR.	J. Kerr	7-7-80			

GENERAL ELECTRIC CO.
0800 HANFORD WORKS
GIFFELS & VALLET INC., ENGINEERS
DETROIT MICHIGAN

JOB TITLE	234-5Z BLDG.
JOB NO.	47-143
SHEET TITLE	FIRST FLOOR PLAN PART "E"
SHEET NO.	A-2
PROJECT NO.	C-178
G.E. DWG. NO.	H-2-16142



H-2-16143 SH1 R17

DOES NOT CONTAIN OFFICIAL USE ONLY INFORMATION

OFFICIAL USE ONLY

DETAIL FOR INSTALLATION OF 4" CONDUIT

DETAIL FOR INSTALLATION OF 3" CONDUIT

TYPICAL DETAIL FOR INSTALLATION OF 4" CONDUIT

TYPICAL DETAIL FOR INSTALLATION OF 3" CONDUIT

ROOM #229

ROOM #231

ROOM #232

PLATFORM SEE H-2-19399

FOR TRENCHES SEE DWG H-2-16131

ROOM 233-A

ROOM 235

ROOM #224

ROOM #225

HOOD HA-46

WASTE TANK CELL

STL PLATE BOLTED

DOOR SEAL PERM

REF. DWG H-2-24281

ROOM #233

CORRIDOR #2

ROOM #215

ROOM #214

ROOM #213

ROOM #211

ROOM #209A

ROOM #208-A

ROOM #209

ROOM #208

ROOM #216

ROOM #212

ROOM #209B

ROOM #208B

CORRIDOR #14

LOCKER PADS SEE H-2-15021

EXPANSION WALL PANEL

FOR MODIFICATION SEE DRAWING H-2-19001

APPROVED FOR CONSTRUCTION PROJECT C-413 MARS 1962

NEXT USED ON H-2-16137

QUALITY ASSURANCE LEVEL III NONE

NOTE: All interior partitions to be 4" or 6" thick cinder block with 4" plaster both sides unless otherwise noted.

PLAN

SECTION-XX

WATER METER PIT

FOR DETAIL & LOCATION SEE MECH. SH. H-2-16417

KEY PLAN

NO	DESCRIPTION	REV BY	APPD BY	FOR	DATE
14	ADDED Q.A. LEVEL; ADDED R&M DWG #; (ADDED) & AS BUILT UPDATE FROM INVENTORY				

REVISIONS

		DATE	G.E. APPROVALS		
SCALE	1/4" = 1'-0"				
DRAWN & PREPARED		2-21-62	BY	DEPT.	DATE
CHECKED		2-21-62			
G & V	J.K.G.	2-21-62			
APPR.		2-21-62			

GENERAL ELECTRIC CO.

0800 HANFORD WORKS

GIFFELS & VALLET INC., ENGINEERS

DETROIT

JOB TITLE 234-5 BLDG.

SUBJECT FLR. & FDN. PLAN

SHEET TITLE

G.E. DWG. NO. H-2-16144

DWG. NO.	REFERENCE DRAWINGS
H-2-19399	MACH-PLATFORM & PARTITION PLAN & DETS
H-2-16198	ELEV TOILET SHOWER, LOCKER RMS
H-2-16191	CONC. DUCT DETAILS
H-2-16136	BASEMENT PLAN
H-2-16178	CONDUIT & EXPANSION JOINT DETS
H-2-16176	CORRIDOR & LIVING QUARTERS
H-2-16148	ARCHITECT. JOINT DETAILS

DETAIL SYMBOL

DETAIL NUMBER

SHEET NO.

UNCLASSIFIED

OFFICIAL USE ONLY

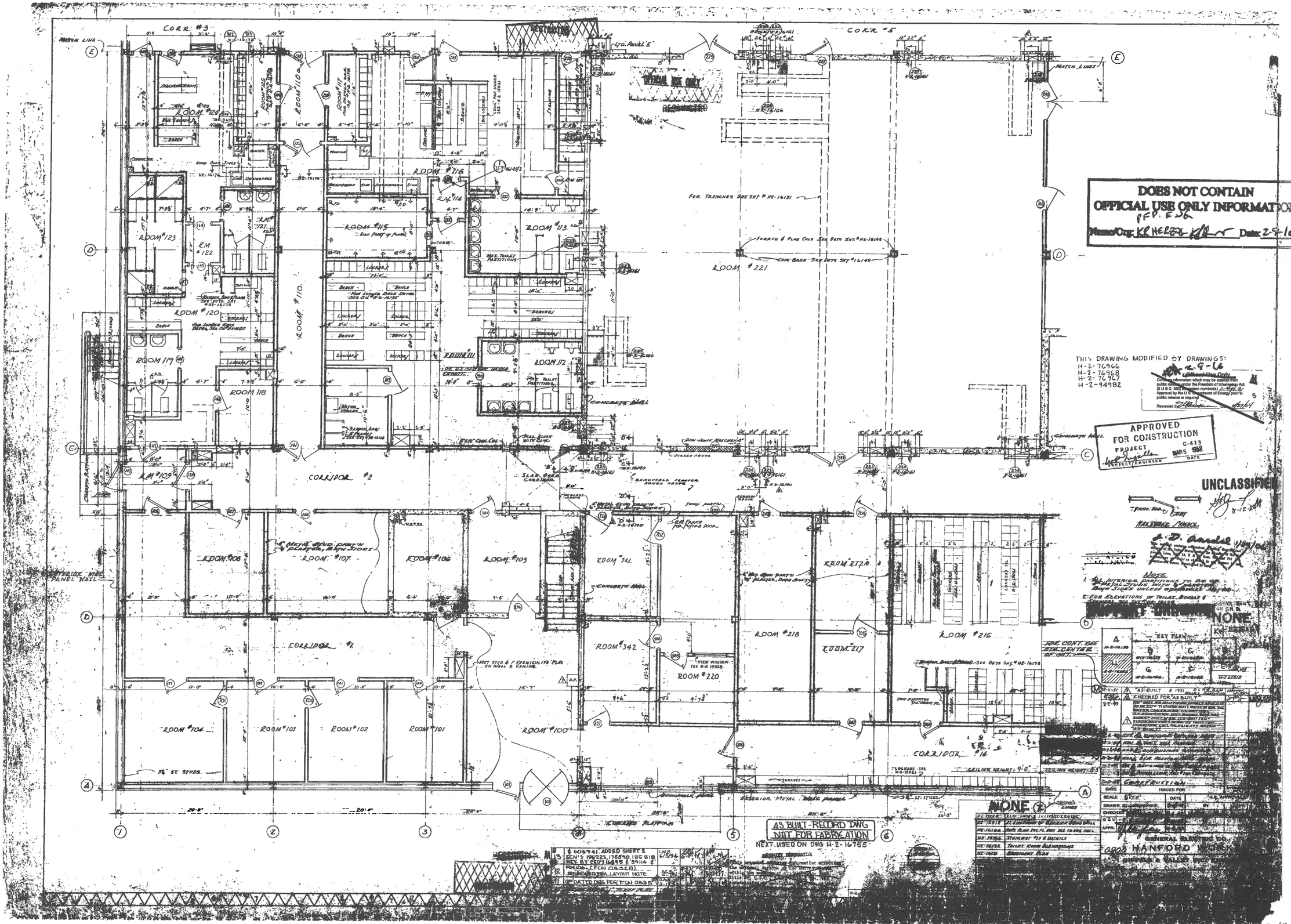
RESTRICTED

Unclassified Only

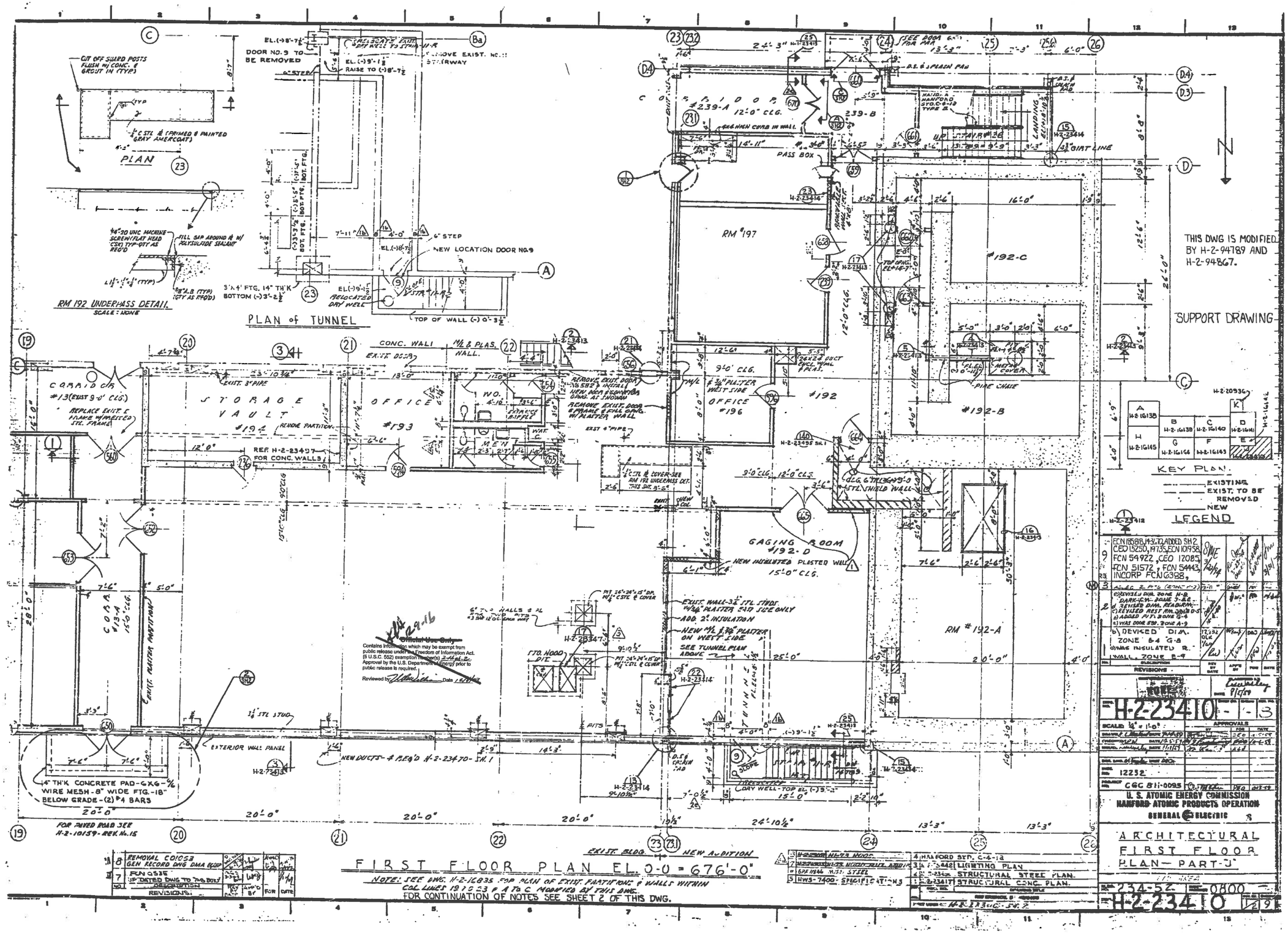
Contains information which may be exempt from public release under the Freedom of Information Act (5 U.S.C. 552) exemption numbers 2, 4, 5, 6, 7

Approval by the U.S. Department of Energy is required before public release is required.

Reviewed Date



H-2-16145 SH 1 R13



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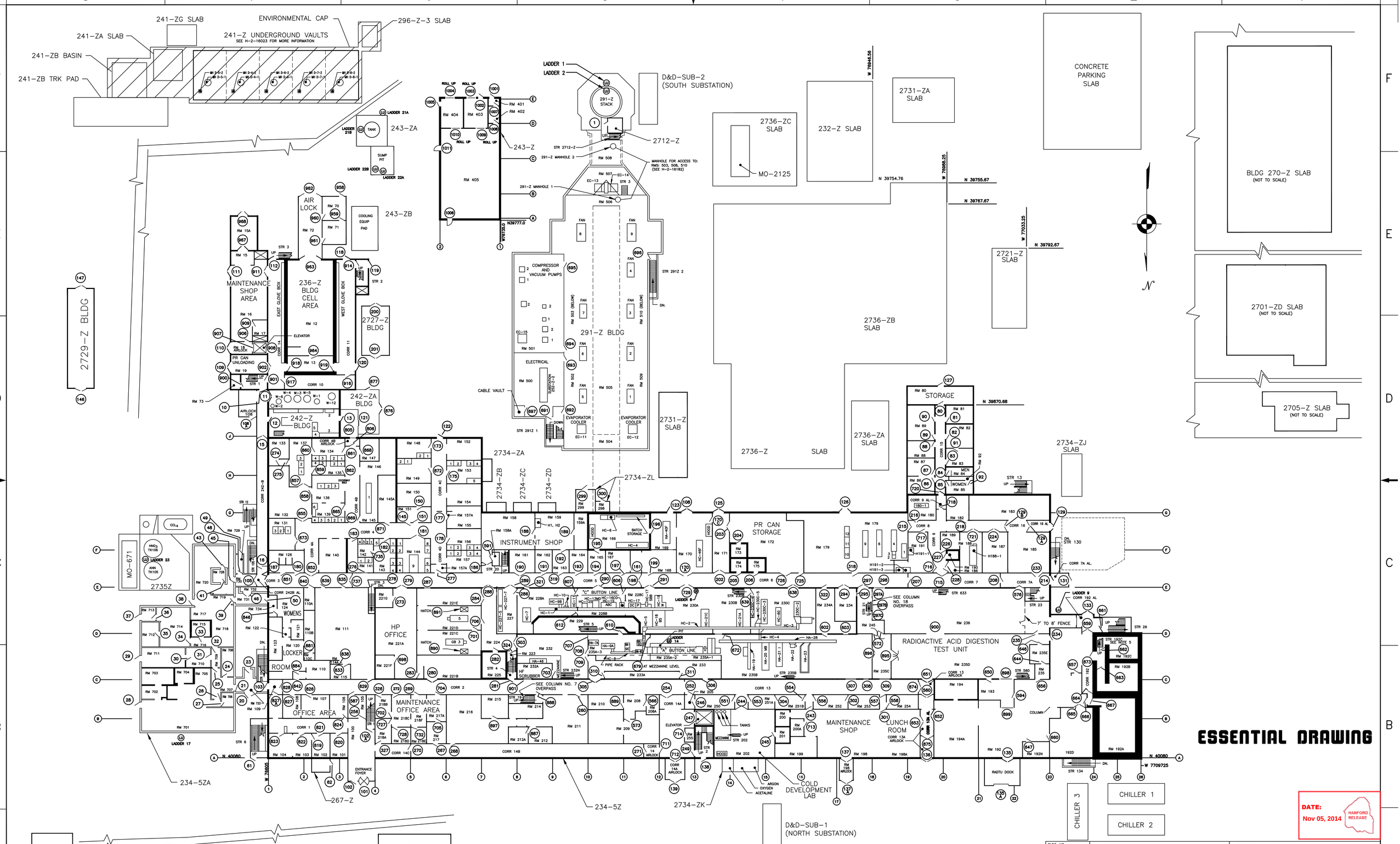
PFP ENG
Name/Org: KR Hedges
Date: 2-9-16



ESSENTIAL DRAWING

DATE: Nov 05, 2014
HANFORD RELEASE

FIRST FLOOR

NOTE: GLOVEBOXES, HOODS TANKS AND INSTRUMENT ENCLOSURES ARE BEING REMOVED FROM THE FACILITY AS PART OF THE D&D PROJECT. THEY ARE SHOWN ON THIS DRAWING FOR REFERENCE ONLY AND MAY OR MAY NOT EXIST IN THE FIELD AS SHOWN.

DWG NUMBER	TITLE	REF NUMBER	TITLE
DRAWING TRACEABILITY LIST		REFERENCES	
		NEXT USED ON H-2-80249 SH 1	

REV REL	MFD	REV NO.	DESCRIPTION
		99	REVISED PER ECR-11-000563, ECR-13-001019, AND ECR-14-001020

REVISIONS

BLDG. NO. 234-5Z

INDEX NO. 0803

CAUTION
NOT COMPLETE WITHOUT CURRENT CHANGE DOCUMENTS FROM DATABASE

ATTENTION
DESTROY THIS DOCUMENT BY SHREDDING MAY CONTAIN SENSITIVE INFORMATION

NAME	DATE	COMPANY
DRAWN BY H0008796-KS DIENER	11/5/2014	PRC
DESIGN AUTHORITY H0036766-WA ADAMEK	11/5/2014	PRC

U.S. DEPARTMENT OF ENERGY
Richland Operations Office

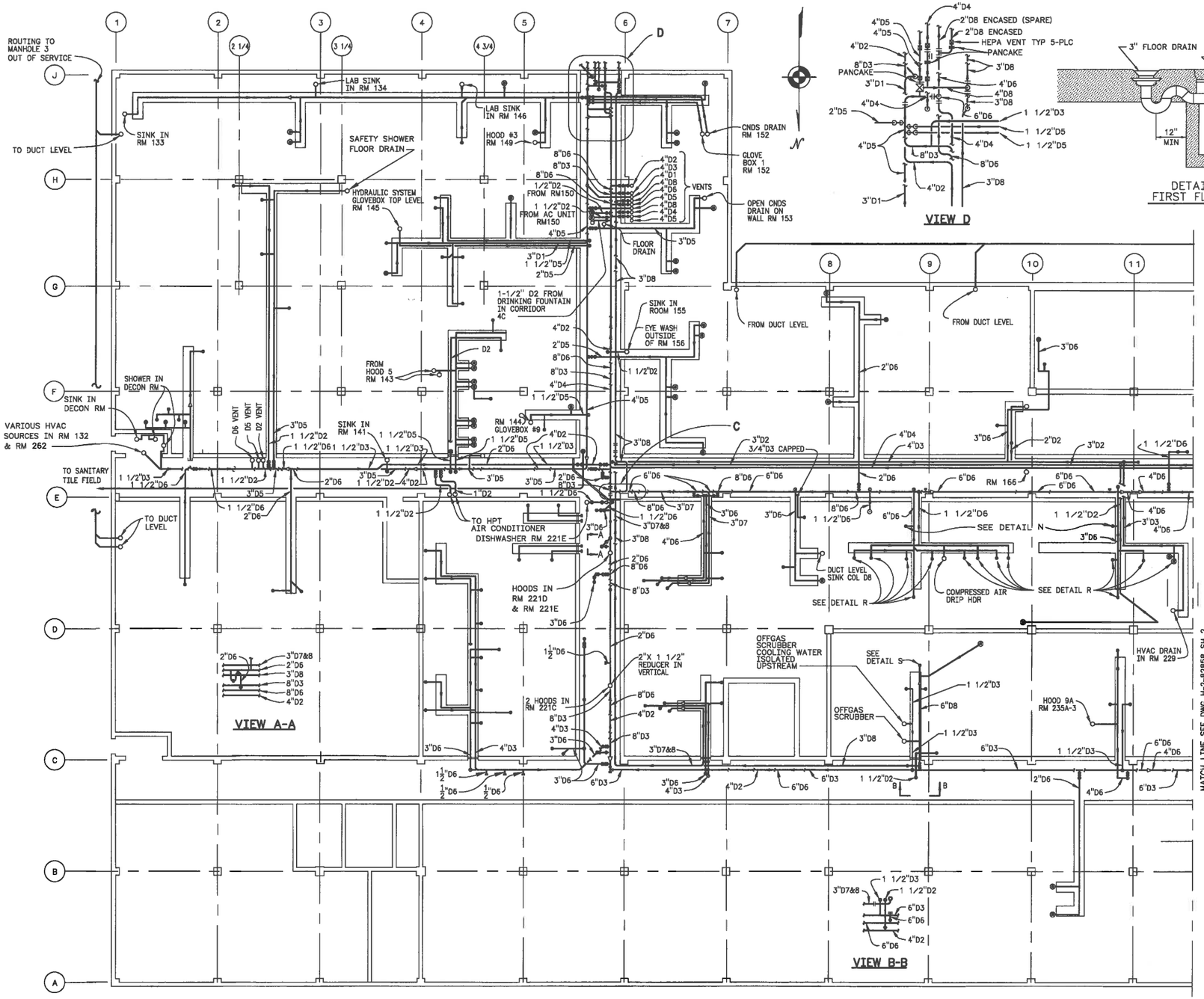
ROOM AND DOOR NUMBERS (FIRST FLOOR)

SIZE	DRAWING NUMBER	SHEET	REV
F	H-2-80249	2	99

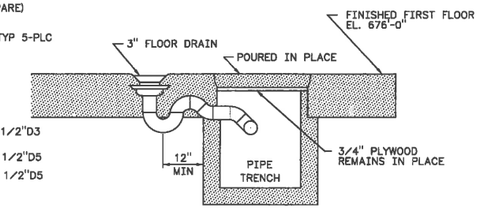
SCALE 1"=20'

29203

DOE_TB_F.DWG (JAN 2012)



VIEW D



DETAIL OF TYPICAL FIRST FLOOR DRAIN PIPE

LEGEND:

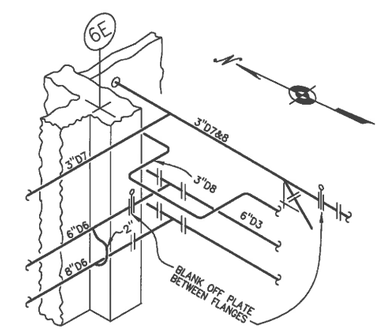
- PLUGGED
- FLANGED PIPE (PLAN)
- IN USE
- REDUCER
- FLANGED PIPE (ELEVATION)
- FLANGED PIPE (PANCAKE)
- THREADED CAP
- 3 WAY VALVE
- HEPA VENT

GENERAL NOTES: (UNLESS OTHERWISE SPECIFIED)

1. TABLE OF DRAINS:

DRAIN	COMMODITY
D - 1	COLD CHEMICAL DRAIN
D - 2	CLEAR WATER DRAIN
D - 3	PROCESS COOLING DRAIN
D - 4	DEVEL. LAB. DRAIN (HOT)
D - 5	ANAL. LAB. DRAIN (HOT)
D - 6	PROCESS DRAIN (HOT)
D - 7	PROCESS DRAIN (HOT)
D - 8	PROCESS DRAIN (HOT)

2. INDEX NUMBERS: 0303, 0304, 8408, & 8509
3. WELD PER AWS D1.1/D1.3. VT WELDS AT FINAL PASS. WELDING QUALIFICATIONS PER ASME IX ARE ACCEPTABLE.
4. CRAFTS MAY INSTALL CAPS OR PLUGS AS REQUIRED INSTEAD OF SPECIFIED DETAILS TO SIMPLIFY JOB. MATERIALS SHALL MEET REQUIREMENTS OF M-5.
5. D4, D5, D6, D7 AND D8 LINES SHOWN ON THIS DRAWING ARE REFERENCE INFORMATION ONLY. THEY WERE ISOLATED FROM 241Z AND ABANDONED IN PLACE. THESE LINES ARE NOT CONSIDERED ESSENTIAL/SUPPORT AND ARE NOT PART OF THE CONFIGURATION BASELINE. LINES D1, D2 AND D3 REMAIN ESSENTIAL LINES.



VIEW C

DOES NOT CONTAIN OFFICIAL USE ONLY INFORMATION

MODIFICATION DRAWING MODIFIES DRAWINGS H-2-16414, H-2-16415

FIELD VERIFIED PER ECN 175561 7/92 REV 2

DWG NO	TITLE
H-2-16415	PROCESS DRAINAGE
H-2-16414	PROCESS DRAINAGE BELOW FIRST FL

DRAWING TRACEABILITY LIST

REF NUMBER	TITLE
NEXT USED ON	H-2-97314

REFERENCES

REV NO	DESCRIPTION	REV BY DATE	CHK BY DATE	DFTG APVD DATE	COD ENGR	OTHER	OTHER
S RS 12	PRC-FMP-09-40788-RO REVISED PER	LJA 4/09					

REVISIONS — APPROVALS BY/DATE

CADFILE — CADCODE

DRAWN	MLC	7/10/91
CHECKED	S.BRANDT	7/30/91
DFTG APVD	D.W. LEE	7/31/91
COD ENGR	D. ALISON	7/31/91
DA	D.R. GROTH	7/31/91
OTHER	G.E. RUSSCHER	7/31/91
OTHER		
OTHER		
APVD FOR SUPLEMENTATION		

U.S. DEPARTMENT OF ENERGY
Richland Operations Office
Westinghouse Hanford Company

PROCESS DRAINS (TUNNELS)

EDT 152202

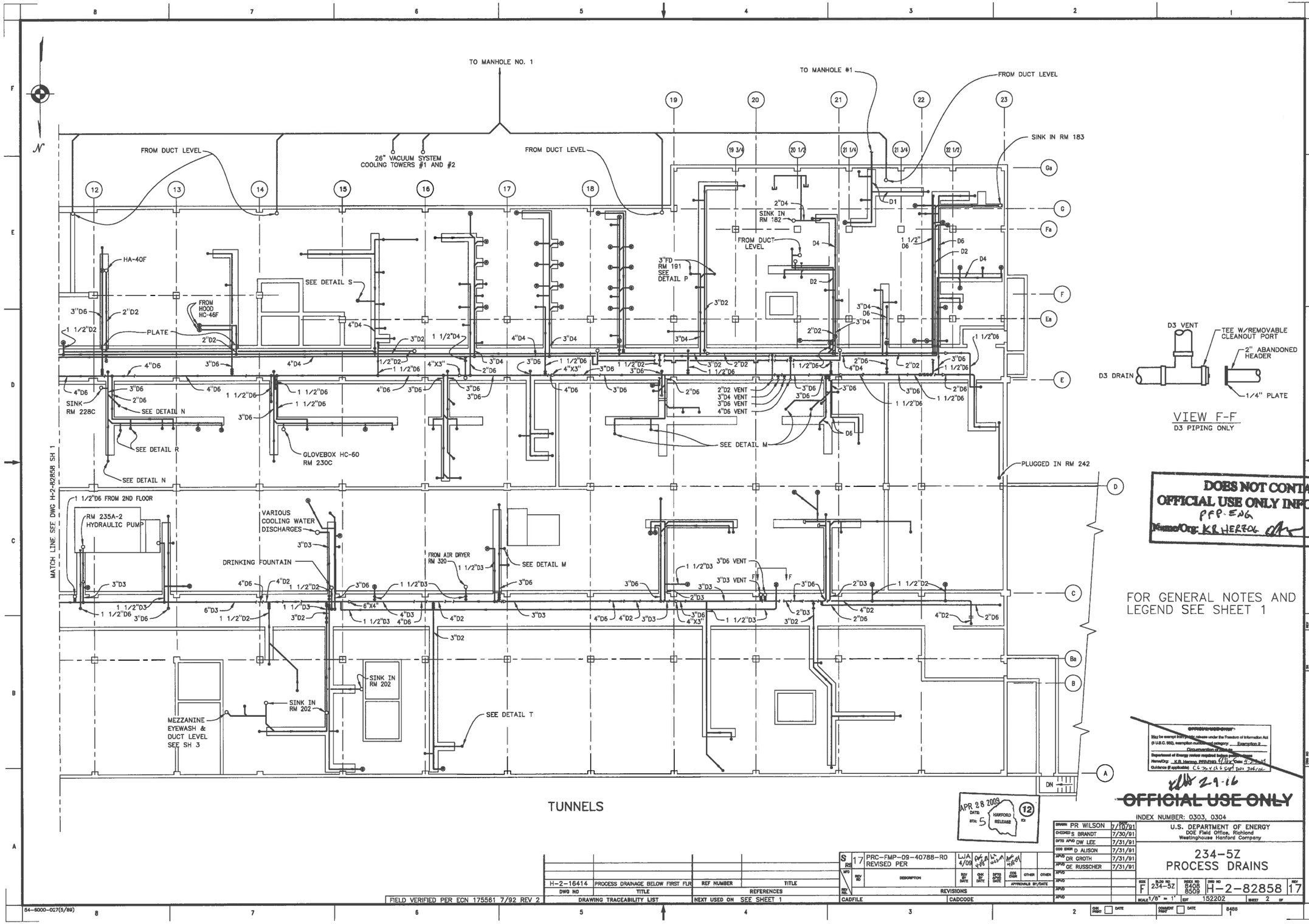
SIZE F | BLDG NO 234-5Z | INDEX NO NOTE 2 | DWG NO H-2-82858 | REV 12
SCALE 1/8" = 1'-0" | SHEET 1 OF 6

H-2-82858 | REV 12 | SHT 1 OF 6

APR 28 2009 DATE: STA: 5 MANFORED RELEASE 12 ID:

OFFICIAL USE ONLY

54-6000-027(5/89)



DOES NOT CONTAIN OFFICIAL USE ONLY INFORMATION
PFP-ENG
Name/Org: KR HERZOG Date: 2-9-16

FOR GENERAL NOTES AND LEGEND SEE SHEET 1

APR 28 2009 DATE: STA: 5 HANFORD RELEASE 12 KC

~~OFFICIAL USE ONLY~~

INDEX NUMBER: 0303, 0304

DRAWN	PR WILSON	7/10/91
CHECKED	S BRANDT	7/30/91
DFTG APVD	DW LEE	7/31/91
COG ENGR	D ALISON	7/31/91
APVD	DR GROTH	7/31/91
APVD	GE RUSSCHER	7/31/91

U.S. DEPARTMENT OF ENERGY
DOE Field Office, Richland
Westinghouse Hanford Company

234-5Z
PROCESS DRAINS

SIZE	BLDG NO	INDEX NO	DWG NO	REV
F	234-5Z	8408 8509	H-2-82858	17

SCALE 1/8" = 1' EDT 152202 SHEET 2 OF

REV NO	DESCRIPTION	REV BY DATE	CHK BY DATE	APVD DATE	COG ENGR	OTHER	OTHER
S RS 17	PRC-FMP-09-40788-R0 REVISED PER	LJA 4/09					

REVISIONS

CADFILE CADCODE

DWG NO	TITLE	REFERENCES
H-2-16414	PROCESS DRAINAGE BELOW FIRST FLR	REF NUMBER / TITLE

DRAWING TRACEABILITY LIST — NEXT USED ON SEE SHEET 1

FIELD VERIFIED PER ECN 175561 7/92 REV 2

54-6000-027(5/89)