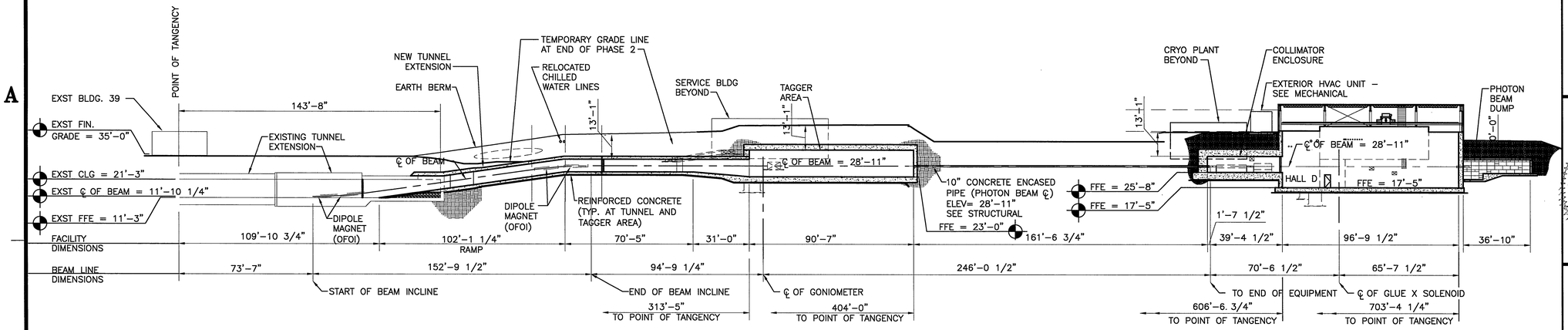
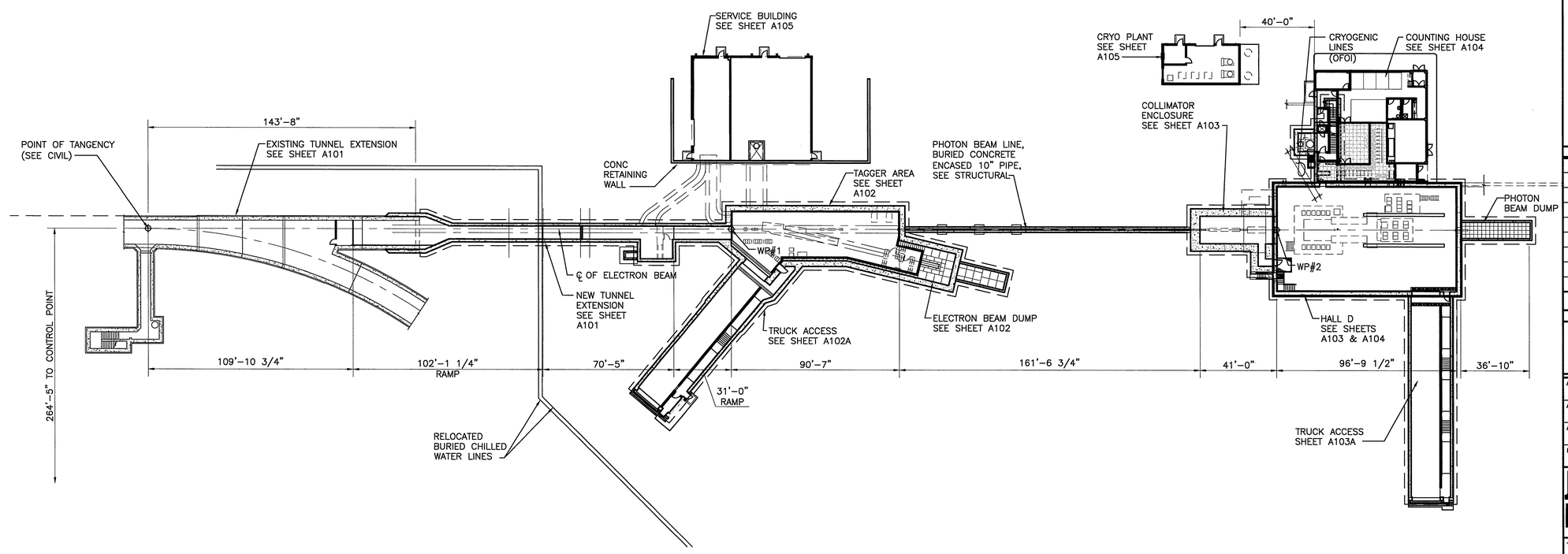


SITE SECTION

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



COMPOSITE HALL D COMPLEX PLAN

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

NOTE: SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION

1/32"=1'-0" 32' 16' 0 32' 64'

GRAPHIC SCALES

HSMM

ARCHITECTS ENGINEERS PLANNERS

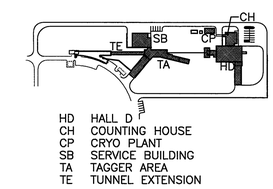
HAYES, SEAY, MATTERN & MATTERN, INC.
1315 FRANKLIN ROAD
ROANOKE, VA 24016
(540) 857-3100 WWW.HSMM.COM

SEALS

COMMONWEALTH OF VIRGINIA
GLEN H. REIMER
Lic. No. 13540
25 FEB '08
ARCHITECT

HALL D COMPLEX THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY

JEFFERSON SCIENCE ASSOCIATES, LLC (JSA)
AND
US DEPARTMENT OF ENERGY
NEWPORT NEWS, VIRGINIA



HD HALL D
CH COUNTING HOUSE
CP CRYO PLANT
SB SERVICE BUILDING
TA TAGGER AREA
TE TUNNEL EXTENSION

KEY PLAN

SYM.	ZONE	DESCRIPTION	APPR.	DATE
		VARIANCE REQUEST	GHR	07/25/07

REVISIONS

FACILITY USERS		FACILITIES MANAGEMENT	
APPROVED	DATE	DESIGNER GHR	DATE 25 FEB 08
APPROVED		DRAWN GRJ	25 FEB 08
APPROVED		CHECKED	
ESH&Q APPROVED		APPROVED	

Jefferson Lab Facilities Management

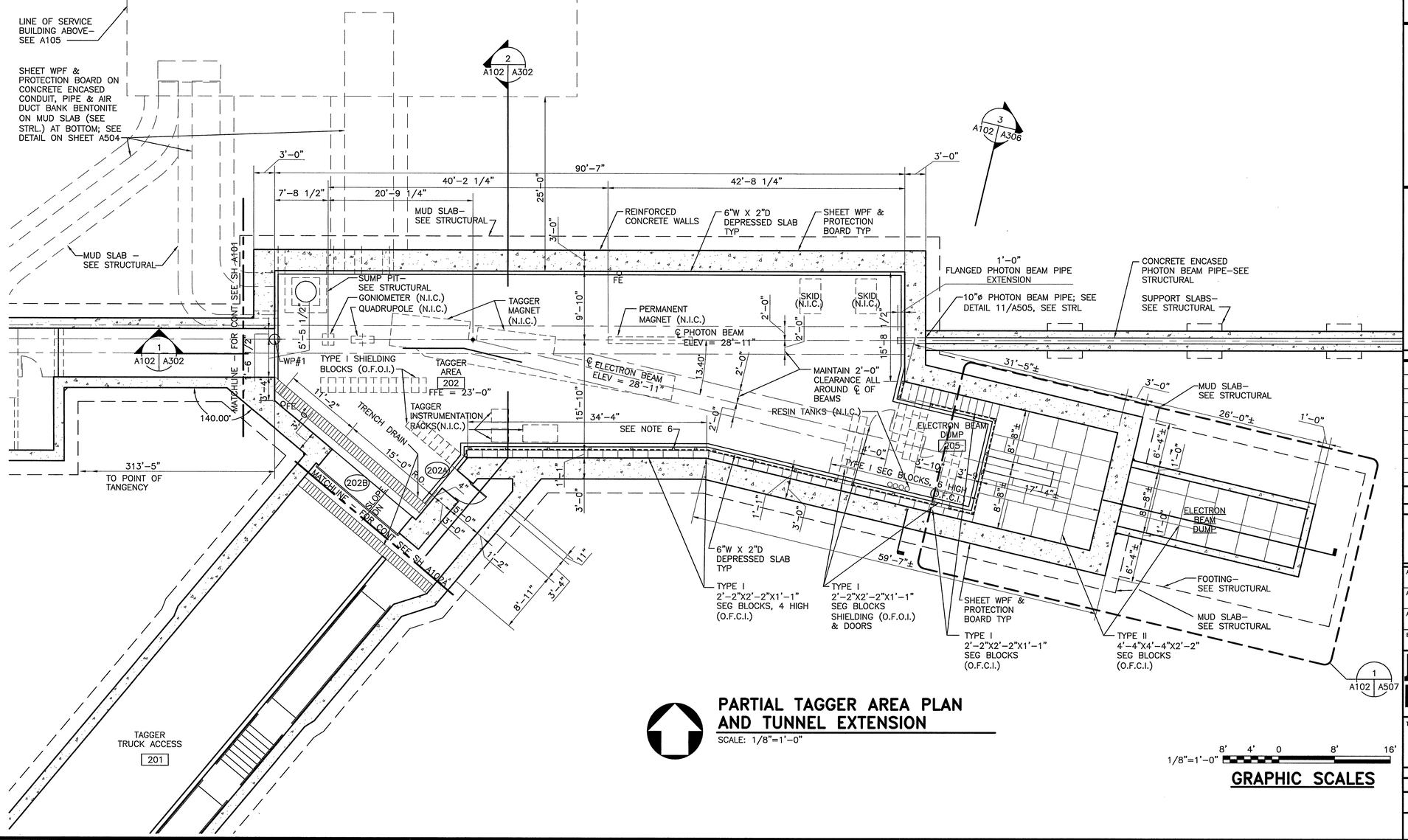
TITLE: ARCHITECTURAL
COMPOSITE SITE SECTION & FLOOR PLAN

SCALE	DRAWING NUMBER	SHEET	REV
AS NOTED		A001	

NCS_HSMM_Full.ctb RF: fx3a_nxsc01hd,fx3a_nxsc05te,fx3a_nxfp01hd,fx3a_nxfp06cp,fx3a_nxfp03ch,fx3a_nxfp02tu,fx3a_exfp07te,fx3a_nxfp04ls,fx3a_nxfp02tu,fx3g_nxbdr,!!fx3gsnxkeyp!! IMG: JEFF_LAB_FM_LOGO_TALL_NARROW.GIF
M:\70000SERIES\70095\CADD\DWG\FX3A_N_0001.DWG 70095 02/22/2008 09:17:32 YEAGER, DAVID

GENERAL NOTES:

1. VERIFY ALL DIMENSIONS AND CONDITIONS IN FIELD.
2. SEE MECHANICAL, FIRE PROTECTION, PLUMBING & ELECTRICAL DRAWINGS FOR RELATED WORK.
3. SEE TYPICAL WATERPROOFING DETAILS ON SHEET A504 & A505.
4. REFER TO PHASING DRAWING G005 FOR WORK REQUIRED WITHIN EACH PHASE.
5. NOT USED.
6. ----⊥---- INDICATES SEG BLOCK RESTRAINT. SEE DETAIL ON STRL SHEET S004.
7. SEG BLOCKS DIMENSIONS ARE NOMINAL AND WILL VARY.



PARTIAL TAGGER AREA PLAN AND TUNNEL EXTENSION

SCALE: 1/8"=1'–0"

1/8"=1'–0" 8' 4' 0 8' 16'

GRAPHIC SCALES

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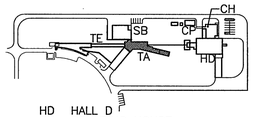
SEALS

COMMONWEALTH OF VIRGINIA
GLEN H. REIMER
Lic. No. 13540
25 FEB '08
ARCHITECT

HALL D COMPLEX THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY

JEFFERSON SCIENCE ASSOCIATES, LLC (JSA) AND US DEPARTMENT OF ENERGY
NEWPORT NEWS, VIRGINIA



HD HALL D
CH COUNTING HOUSE
CP CRYO PLANT
SB SERVICE BUILDING
TA TAGGER AREA
TE TUNNEL EXTENSION

KEY PLAN

SYM.	ZONE	DESCRIPTION	APPR.	DATE

REVISIONS

FACILITY USERS		FACILITIES MANAGEMENT	
APPROVED	DATE	DESIGNER GHR	DATE 25 FEB 08
APPROVED		DRAWN GRJ	25 FEB 08
APPROVED		CHECKED	
ESH&Q APPROVED		APPROVED	

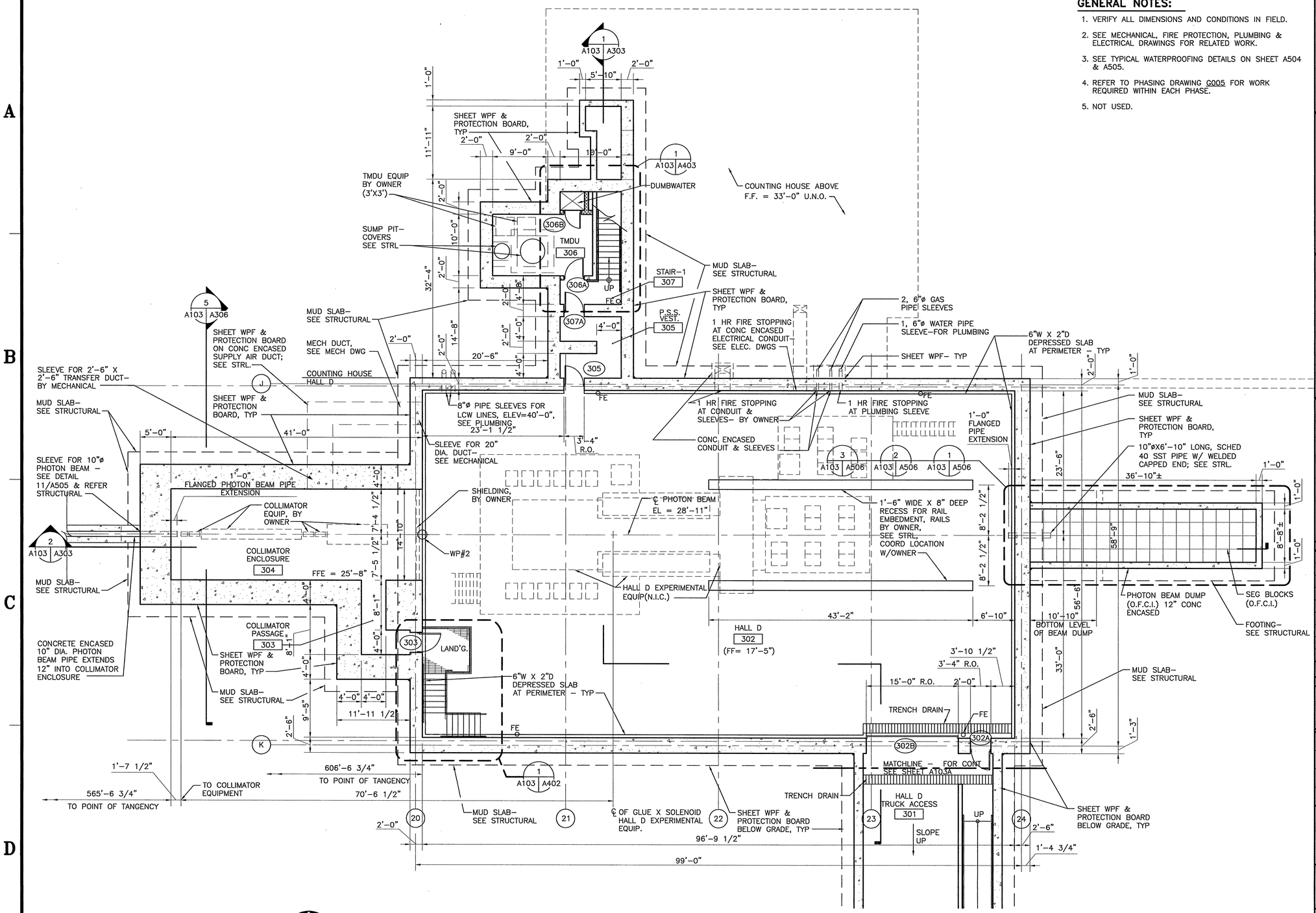
Jefferson Lab Facilities Management

TITLE: ARCHITECTURAL
TAGGER AREA PARTIAL FLOOR PLAN

SCALE	DRAWING NUMBER	SHEET	REV
AS NOTED		A102	0

GENERAL NOTES:

1. VERIFY ALL DIMENSIONS AND CONDITIONS IN FIELD.
2. SEE MECHANICAL, FIRE PROTECTION, PLUMBING & ELECTRICAL DRAWINGS FOR RELATED WORK.
3. SEE TYPICAL WATERPROOFING DETAILS ON SHEET A504 & A505.
4. REFER TO PHASING DRAWING G005 FOR WORK REQUIRED WITHIN EACH PHASE.
5. NOT USED.



HALL D FLOOR PLAN

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

1/8"=1'-0" 8' 4' 0 8' 16'

GRAPHIC SCALES

HSMM

ARCHITECTS ENGINEERS PLANNERS

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SEALS

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JEFFERSON SCIENCE ASSOCIATES, LLC (JSA)
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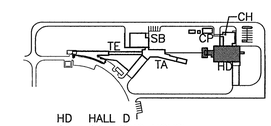
NEWPORT NEWS, VIRGINIA



HD HALL D
CH COUNTING HOUSE
CP CRYO PLANT
SB SERVICE BUILDING
TA TAGGER AREA
TE TUNNEL EXTENSION

KEY PLAN

SYM.	ZONE	DESCRIPTION	APPR.	DATE

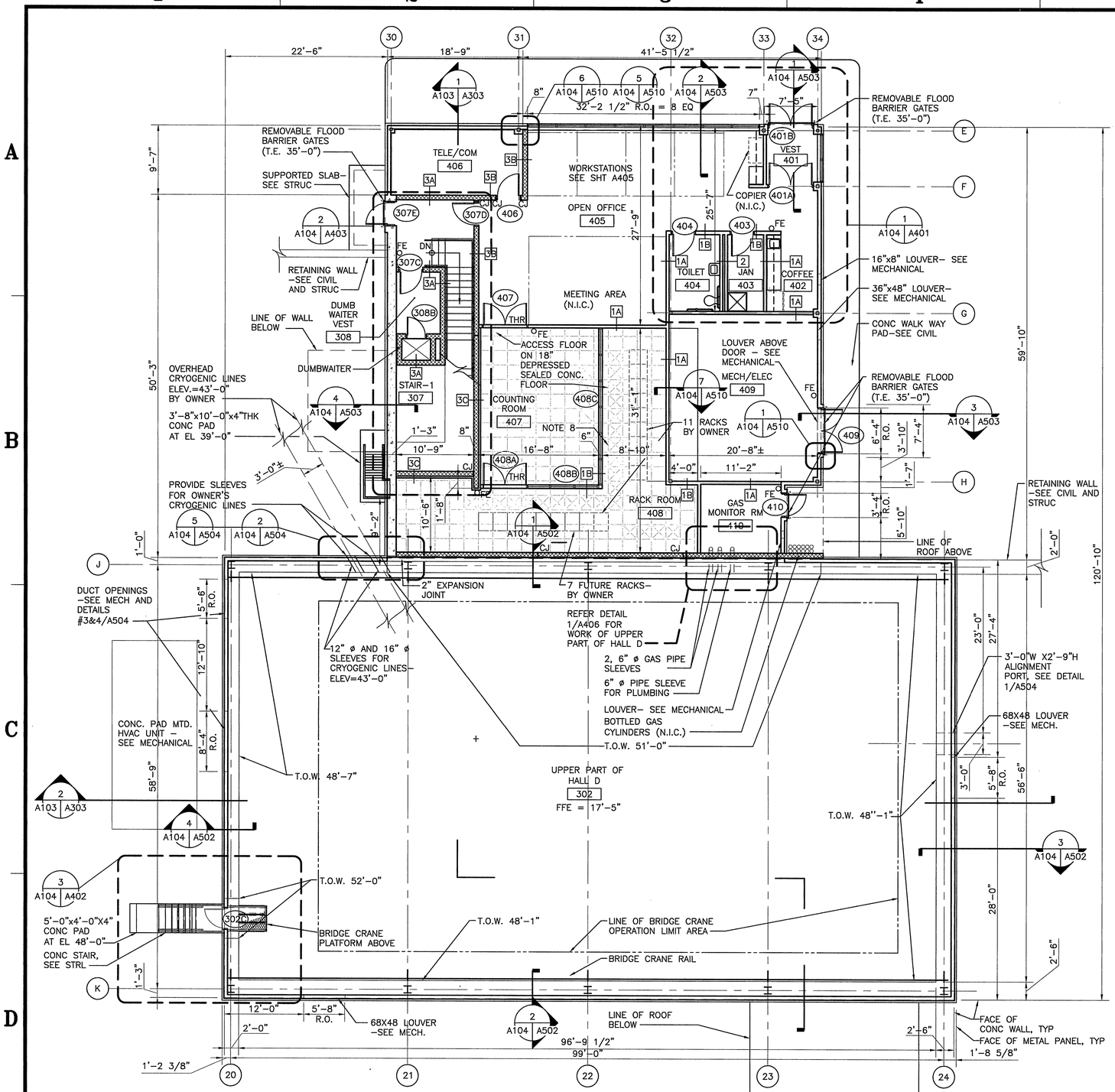
REVISIONS

FACILITY USERS		FACILITIES MANAGEMENT	
APPROVED	DATE	DESIGNER GHR	DATE 25 FEB 08
APPROVED		DRAWN GRJ	25 FEB 08
APPROVED		CHECKED	
ESH&Q APPROVED		APPROVED	

Jefferson Lab Facilities Management

TITLE: ARCHITECTURAL
HALL D
PARTIAL FLOOR PLAN

SCALE	DRAWING NUMBER	SHEET	REV
AS NOTED		A103	0

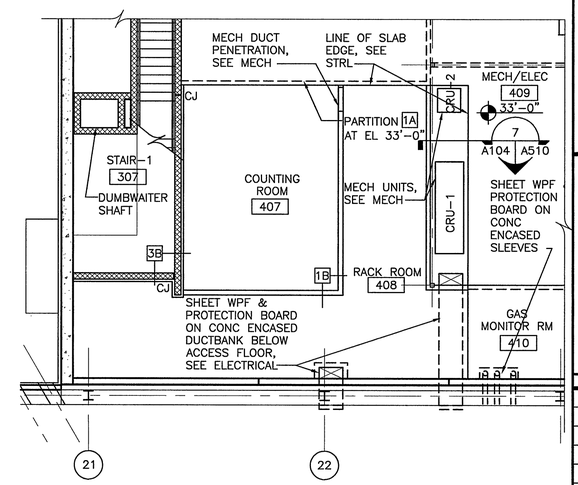


COUNTING HOUSE BUILDING FLOOR PLAN

SCALE: 1/8"=1'-0"
FFE= 33'-0" U.N.O.

GENERAL NOTES:

1. VERIFY ALL DIMENSIONS AND CONDITIONS IN FIELD.
2. SEE MECHANICAL, FIRE PROTECTION, PLUMBING & ELECTRICAL DRAWINGS FOR RELATED WORK.
3. SEE TYPICAL WATERPROOFING DETAILS ON SHEET A504 & A505.
4. REFER TO PHASING DRAWING G005 FOR WORK REQUIRED WITHIN EACH PHASE.
5. NOT USED.
6. PARTITIONS WITHIN COUNTING HOUSE ARE TYPE 1A UNLESS NOTED OTHERWISE. SEE SHEET A604 FOR DETAILS.
7. CMU CONTROL JOINT. SEE SHEET A604 FOR TYPICAL DETAIL.
8. ☒ INDICATES ACCESS FLOOR GRILLE PANEL.



PARTIAL PLAN BELOW ACCESS FLOOR

SCALE: 1/8"=1'-0"
FFE= 31'-6" U.N.O.

NOTE: CONSTRUCT TEMPORARY WEATHER TIGHT BARRIER OVER DEPRESSED SLAB, DUMBWAITER SHAFT AND STAIR-1 SHAFT IN PHASE 1. REMOVE SUCH BARRIER IN PHASE 2.

1/8"=1'-0" 8' 4' 0 8' 16'

GRAPHIC SCALES

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SEALS

COMMONWEALTH OF VIRGINIA
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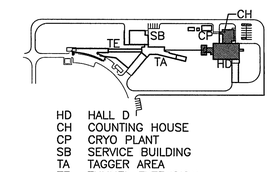
25 FEB '08
ARCHITECT

HALL D COMPLEX THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY

JEFFERSON SCIENCE ASSOCIATES, LLC (JSA)
AND
US DEPARTMENT OF ENERGY
NEWPORT NEWS, VIRGINIA



HD HALL D
CH COUNTING HOUSE
CP CRYO PLANT
SB SERVICE BUILDING
TA TAGGER AREA
TE TUNNEL EXTENSION

KEY PLAN

SYM.	ZONE	DESCRIPTION	APPR.	DATE

REVISIONS

FACILITY USERS		FACILITIES MANAGEMENT	
APPROVED	DATE	DESIGNER GHR	DATE 25 FEB 08
APPROVED		DRAWN PJP	25 FEB 08
APPROVED		CHECKED	
ESH&Q APPROVED		APPROVED	

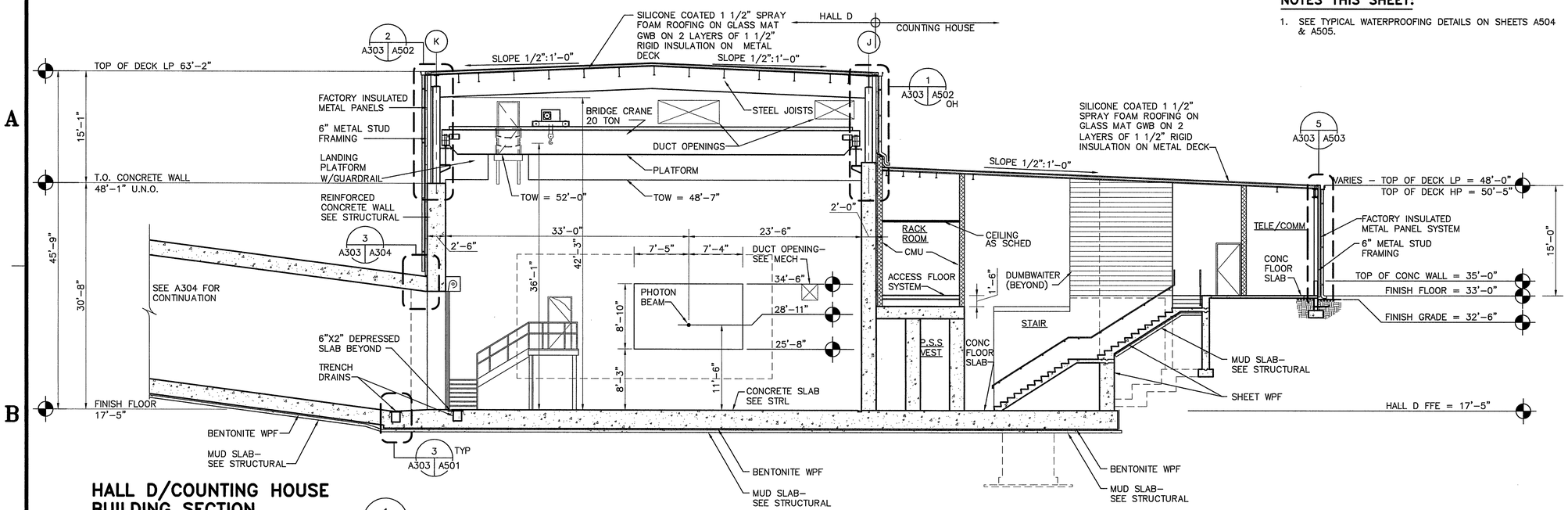
Jefferson Lab Facilities Management

TITLE: ARCHITECTURAL
COUNTING HOUSE FLOOR PLAN

SCALE	DRAWING NUMBER	SHEET	REV
AS NOTED		A104	

NOTES THIS SHEET:

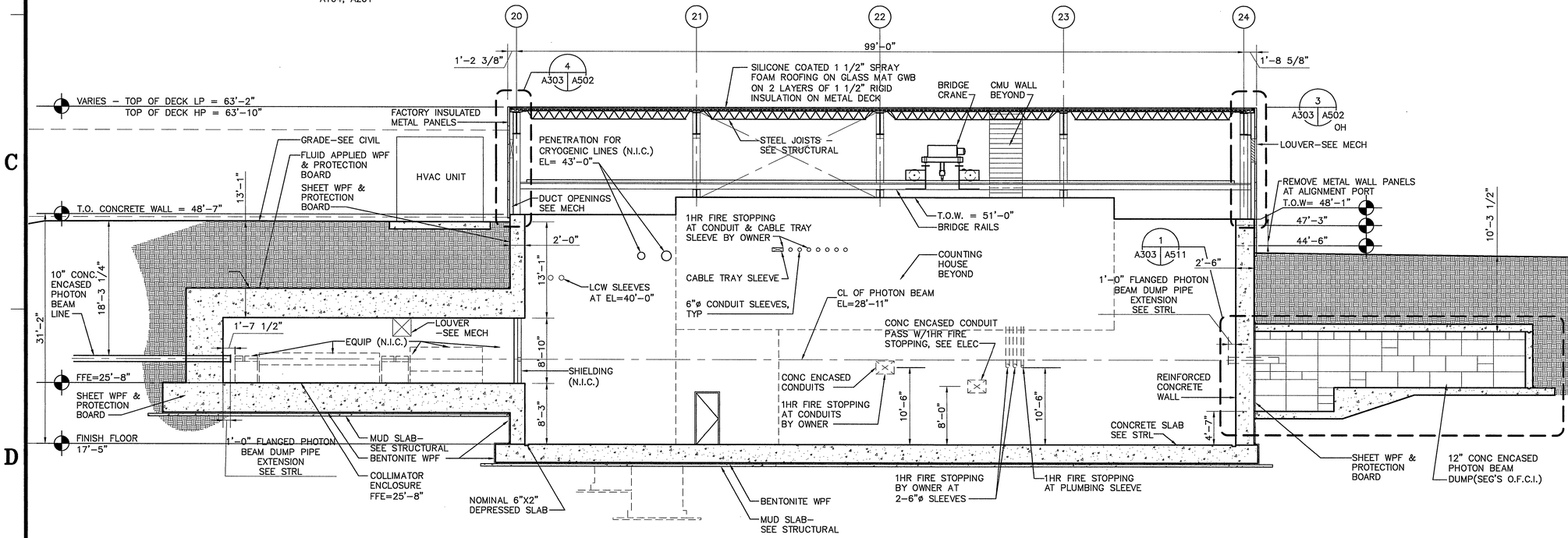
1. SEE TYPICAL WATERPROOFING DETAILS ON SHEETS A504 & A505.



HALL D/COUNTING HOUSE BUILDING SECTION

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

A103 A303 / A104, A201



HALL D BUILDING SECTION

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

A103 A303 / A104, A202

1/8"=1'-0" 8' 4' 0 8' 16'

GRAPHIC SCALES

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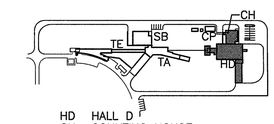
(540) 857–3100 WWW.HSMM.COM

SEALS

COMMONWEALTH OF VIRGINIA
GLEN H. REIMER
Lic. No. 13540
25 FEB 08
ARCHITECT

HALL D COMPLEX THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY

JEFFERSON SCIENCE ASSOCIATES, LLC (JSA)
AND
US DEPARTMENT OF ENERGY
NEWPORT NEWS, VIRGINIA



HD HALL D
CH COUNTING HOUSE
CP CRYO PLANT
SB SERVICE BUILDING
TA TAGGER AREA
TE TUNNEL EXTENSION

KEY PLAN

SYM.	ZONE	DESCRIPTION	APPR.	DATE

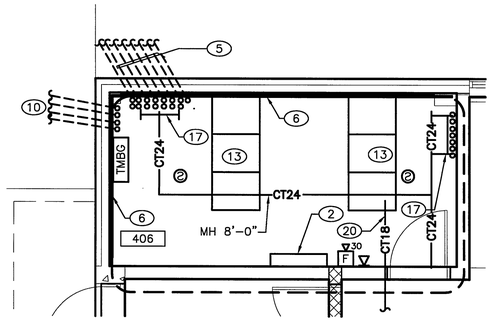
REVISIONS

FACILITY USERS		FACILITIES MANAGEMENT	
APPROVED	DATE	DESIGNER GHR	DATE 25 FEB 08
APPROVED		DRAWN PJP	25 FEB 08
APPROVED		CHECKED	
ESH&Q APPROVED		APPROVED	

Jefferson Lab Facilities Management

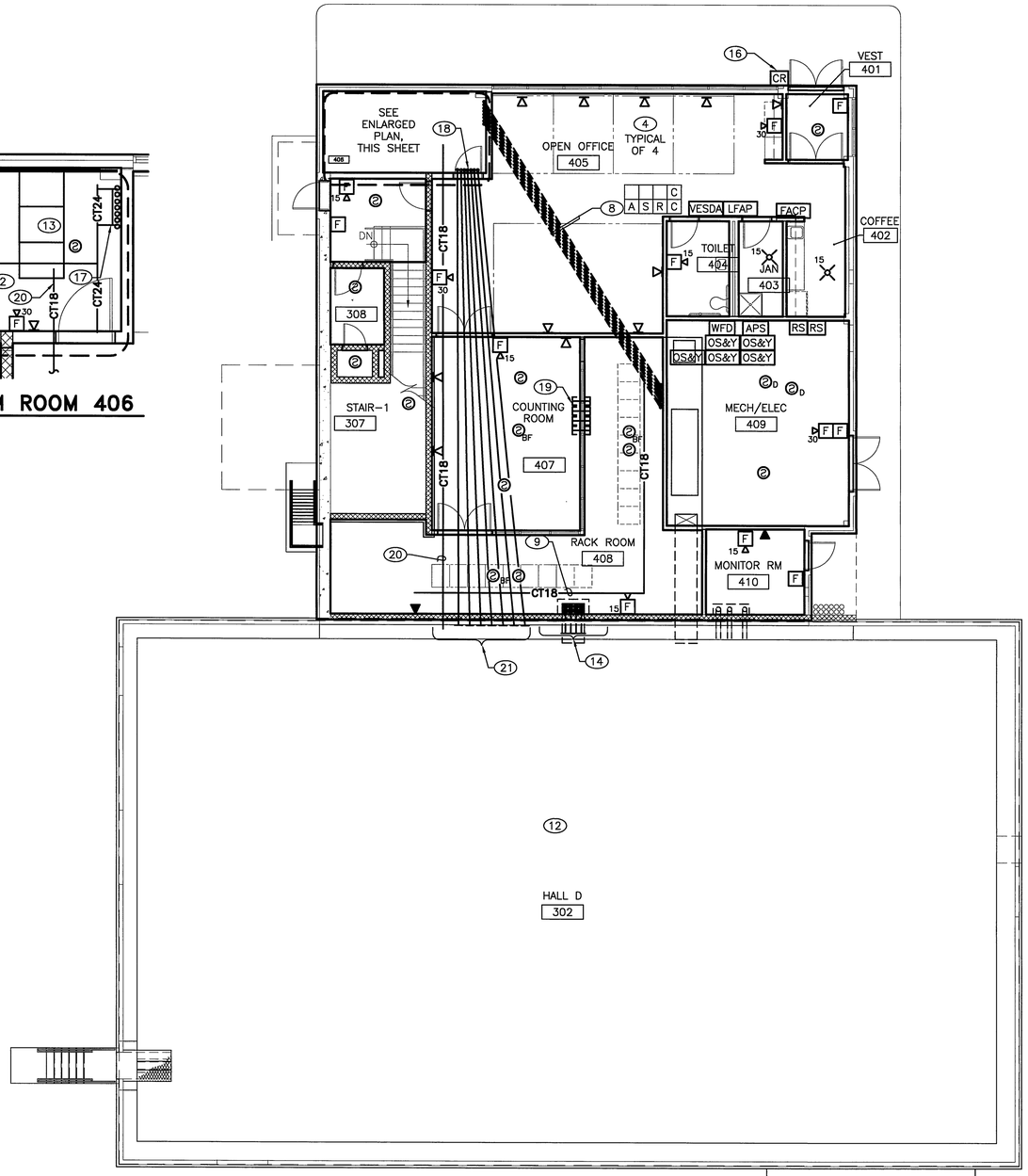
TITLE: ARCHITECTURAL
HALL D/ COUNTING HOUSE BUILDING SECTIONS

SCALE	DRAWING NUMBER	SHEET	REV
AS NOTED		A303	0



ENLARGED TELECOM ROOM 406

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



COUNTING HOUSE BUILDING – TELECOM AND FIRE ALARM PLAN

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

GENERAL NOTES:

1. SEE SHEET E001 FOR LEGEND AND GENERAL NOTES.

SHEET KEYNOTES:

1. NOTE NOT USED.
2. SECURITY SYSTEM CABINET, OFOI.
3. NOTE NOT USED.
4. DATA OUTLETS INDICATED ARE LOCATED IN SYSTEM FURNITURE, PROVIDE CABLE PATHWAY TO ABOVE ACCESSIBLE CEILING.
5. SEE SHEET ES101 FOR CONTINUATION OF DUCTBANK TO THE MANHOLE AND FOR ADDITIONAL INFORMATION.
6. PROVIDE PLYWOOD BACKBOARD 3/4" THICK BY 8' TALL AROUND ROOM PERIMETER AS INDICATED. BACKBOARD TO BE NON-COMBUSTIBLE PLYWOOD MOUNTED 6" ABOVE FINISHED FLOOR.
7. NOTE NOT USED.
8. PROVIDE EIGHT 4-INCH CONDUITS STUBBED UP IN FLOOR BETWEEN THE TELECOM ROOM AND UNDER THE RAISED FLOOR OF THE COUNTING ROOM. COORDINATE WITH MECHANICAL SYSTEMS DUCT LOCATED UNDER RAISED FLOOR IN COUNTING ROOM.
9. PROVIDE CABLE TRAY INDICATED UNDER THE RAISED ACCESS FLOOR. MOUNT AT 6" ABOVE FINISHED FLOOR ALONG CENTER OF FLOOR TILE.
10. SEE SHEET ES101 FOR CONTINUATION OF DUCTBANK TO THE CRYO PLANT AND FOR ADDITIONAL INFORMATION.
11. NOTE NOT USED.
12. SEE SHEET ET103 FOR ADDITIONAL REQUIREMENTS IN THIS AREA.
13. SPACE ALLOCATED FOR EQUIPMENT RACKS, OFOI.
14. SPECIAL SYSTEMS CONCRETE ENCASED CONDUIT DUCTBANK. SEE SHEET EP502 FOR DUCTBANK DETAILS. SEE SHEET ET103 FOR CONTINUATION.
15. NOTE NOT USED.
16. PROVIDE CABLING PATHWAY FROM DEVICE J-BOX TO COUNTING HOUSE TELECOM ROOM SECURITY SYSTEM RACK.
17. PROVIDE VERTICLE CABLING PATHWAY FROM CONDUIT TO OVERHEAD TRAY.
18. PROVIDE SEVEN 4-INCH CONDUITS ABOVE CEILING FROM TELECOM RM 406 TO HALL D RM 302. SEE SHEET EP301 FOR ADDITIONAL INFORMATION.
19. PROVIDE FOUR 4-INCH CONDUITS BELOW FLOOR FROM RACK ROOM 408 TO COUNTING ROOM 407 IN RAISDE FLOOR AREA.
20. PROVIDE 18" WIDE X 6" DEEP NON-VENTILATED CABLE TRAY WITH SOLID, FLANGED COVER AND COVER CLAMPS. RUN ABOVE CEILING FROM TELECOM RM 406 TO HALL D RM 302. SEE SHEET EP301 FOR ADDITIONAL INFORMATION.
21. PROVIDE CABLE TRAY WALL FRAME AND CONDUIT STUB-OUTS WITH BUSHINGS. SEE SHEET EP301 FOR ADDITIONAL INFORMATION.

1/4"=1'-0" 4' 2' 0 4' 8'

1/8"=1'-0" 8' 4' 0 8' 16'

GRAPHIC SCALES

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ROANOKE, VA 24016
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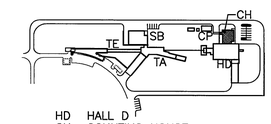
SEALS

COMMONWEALTH OF VIRGINIA
LARRY S. McKEE
No. 027974
2-25-08
PROFESSIONAL ENGINEER

HALL D COMPLEX
THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY

JEFFERSON SCIENCE ASSOCIATES, LLC (JSA)
AND
US DEPARTMENT OF ENERGY
NEWPORT NEWS, VIRGINIA



HD HALL D
CH COUNTING HOUSE
CP CRYO PLANT
SB SERVICE BUILDING
TA TAGGER AREA
TE TUNNEL EXTENSION

KEY PLAN

SYM.	ZONE	DESCRIPTION	APPR.	DATE

REVISIONS

FACILITY USERS		FACILITIES MANAGEMENT	
APPROVED	DATE	DESIGNER GHR	DATE 25 FEB 08
APPROVED		DRAWN GRJ	25 FEB 08
APPROVED		CHECKED GCP	
ESH&Q APPROVED		APPROVED	

Jefferson Lab Facilities Management

TITLE: ELECTRICAL
COUNTING HOUSE BUILDING – TELECOM AND FA PLAN

SCALE	DRAWING NUMBER	SHEET	REV
AS NOTED		ET104	

M:\70000SERIES\70095\CADD\DWG\FX3ETN_0104.DWG 70095 02/22/2008 10:05:24 YEAGER, DAVID
NCS_HSMM_Full.ctb RF: !!fx3o__nxfp03ch!!;!!fx3etnx0104!!;fx3etnx0104q,fx3g__nxbdr,!!fx3gsnxkeyp!! IMG: NONE