THOMAS JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

VOLUME – IV

April 21, 2005
Contract No. DACA-51-02-C-0018
STV Incorporated
225 Park Avenue South
New York, NY 10003

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A-302 – A-1	Longitudinal Section – 2
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THOMAS JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

April 21, 2005
Contract No. DACA-51-02-C-0018
STV Incorporated
225 Park Avenue South
New York, NY 10003

Volume IV

Drawing No.: A-1

Option A-1
Reduce height of 2nd floor by 24" (i.e., lower 3rd floor slab 24")

Summary Description:
This option removes 24" of building height between the 2nd and 3rd floors across the entire floor plane. No unit windows are reduced or eliminated. Exterior granite and curtain wall will be reduced. The 24" is taken from the plenum space above rooms with dropped ceilings to maintain the ceiling heights of user spaces. Rooms with no dropped ceiling are reduced in height 24"

Architectural –
- Alter exterior elevations. – See Sheets: A-200-A1, A-201-A1, A-202-A1, A-203-A1
- Reduce height of full-height interior partitions. See Sheets: A-300-A1, A-302-A1
- Reduce clearance in plenum spaces. See Sheets: A-300-A1, A-302-A1, A-402-A1
- Reduce stair travel distance.

Civil – No net change.

Structural – No net change.

Mechanical (HVAC) – No net change.

Plumbing – No net change.

Fire Protection – No net change.

Electrical – No net change.

Network / Technology – No net change.

Elevator – Reduce total travel distance 24".

Reference Drawings:

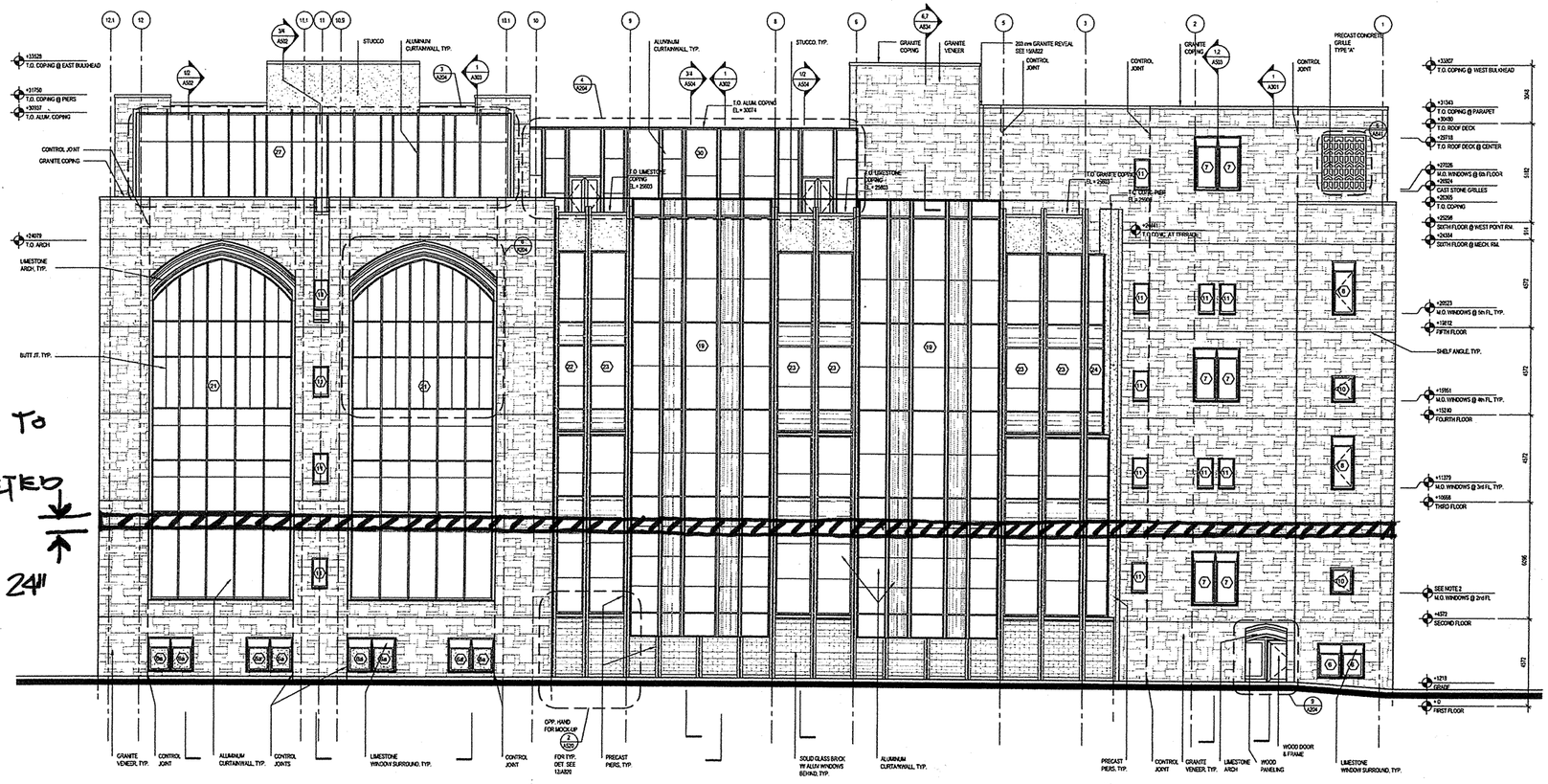
Drawing No.	Drawing Title	Replaces
A-200 – A-1	North Building Elevation	A-200 (Vol 1)
A-201 – A-1	South Building Elevation	A-201 (Vol 1)
A-202 – A-1	West Building Elevation	A-202 (Vol 1)
A-203 – A-1	East Building Elevation	A-203 (Vol 1)
A-300 – A-1	Longitudinal Section - 1	A-300 (Vol 1)
A-302 – A-1	Longitudinal Section – 2	A-302 (Vol 1)
A-402 – A-1	Second Floor Reflected Ceiling Plan	A-402 (Vol 1)

Reference Specifications: None

NOTE:

1. FOR WINDOW TYPES AND INFORMATION, SEE A-205 THRU A-207.
2. M.O. FOR WINDOWS @ 2nd FL: +5253 (+17'-4") EXCEPT FOR WINDOW TYPES 10 & 11: +5693 (+19'-4") AND FOR WINDOW TYPE 9: +6911 (+22'-8") M.O. FOR ALL OTHER WINDOWS: +721 AFF, U.O.N.
3. FOR TYPICAL GRANITE COURSING SEE 15A-D24.
4. LIMESTONE WINDOW SURROUNDS INCLUDED UNDER BID OPTION #1. FOR BASE BID DETAILS SEE A845 REFER TO BID OPTION NOTES, A000.

CONVERSION TABLE		CONVERSION TABLE	
METRIC	IMPERIAL	METRIC	IMPERIAL
10	3/8"	711	2'-4"
13	1/2"	914	3'-0"
16	5/8"	1016	3'-4"
22	7/8"	1116	3'-8"
25.4	1"	1219	4'-0"
38	1 1/2"	1321	4'-4"
41	1 5/8"	1524	5'-0"
44	1 3/4"	1829	6'-0"
51	2"	2032	6'-8"
64	2 1/2"	2083	6'-10"
76	3"	2134	7'-0"
92	3 5/8"	2286	7'-6"
102	4"	2438	8'-0"
127	5"	2642	8'-8"
152	6"	2743	9'-0"
305	1'-0"	3048	10'-0"
610	2'-0"	3353	11'-0"



1 NORTH BUILDING ELEVATION

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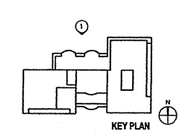


KEY PLAN

US Army Corps of Engineers
New York District

Symbol	Description	Date	Appr.
1	BID AMENDMENT #3	07/14/05	STV/VBA
2	BID AMENDMENT #2	07/04/05	STV/VBA

Date: DEC 10 2004
Drawing file no.:
Drawing code:
Plot date: XXXX/XX
Plot by: XXXXX
Size: 24X36X1
Rev.:

Designed by: STV/JC
Drawn by: STV/JC
Checked by: STV/VR
Reviewed by: STV/RA
Submitted by: STV INCORPORATED

Plot date: 07/14/05 2:28am, BY: VRATTER
File name: EPROJECTS\11100\CADD\ARCH\DGN\PN_FIG-A200_01\11100-1.DGN

CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY 10003

SUB CONSULTANT:
GHPA
GREENBERG FARROW ARCHITECTURE ASSOCIATES
NEW YORK, NEW JERSEY, NEW YORK

100% CONSTRUCTION DOCUMENTS

CONTRACT NO.: DACA 51-02-C-0018
THOMAS JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

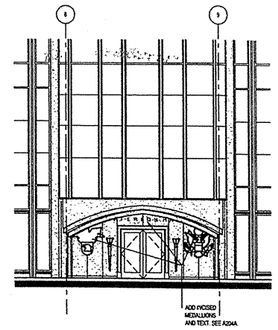
NORTH BUILDING ELEVATION

Sheet Reference Number:
A-200

sheet 010of 149

4·2|·05

A200 - A1



2 ELEVATION DETAIL (BID OPTION NO. 19)

1:100

0 1 2 3 4 5 m

NOTE:

1. FOR WINDOW TYPES AND INFORMATION. SEE A.205 THRU A.207.
2. M.O. FOR WINDOWS @ 2nd FL. +5283 (+17'-4")
   EXCEPT FOR WINDOW TYPES 10 & 11. + 5893 (+19'-4")
   AND FOR WINDOW TYPE 9 + 6811 (+22'-6")
   M.O. FOR ALL OTHER WINDOWS, +763 AFF, U.O.N.
3. FOR TYPICAL GRANITE COURSING SEE 15A-204.
4. LIMESTONE WINDOW SURROUNDS INCLUDED UNDER BID OPTION #1
   FOR BASE BID DETAILS SEE A845.
   REFER TO BID OPTION NOTES, A000.

CONVERSION TABLE		CONVERSION TABLE	
METRIC	IMPERIAL	METRIC	IMPERIAL
10	3/8"	711	2'-4"
13	1/2"	914	3'-0"
16	5/8"	1016	3'-4"
22	7/8"	1118	3'-8"
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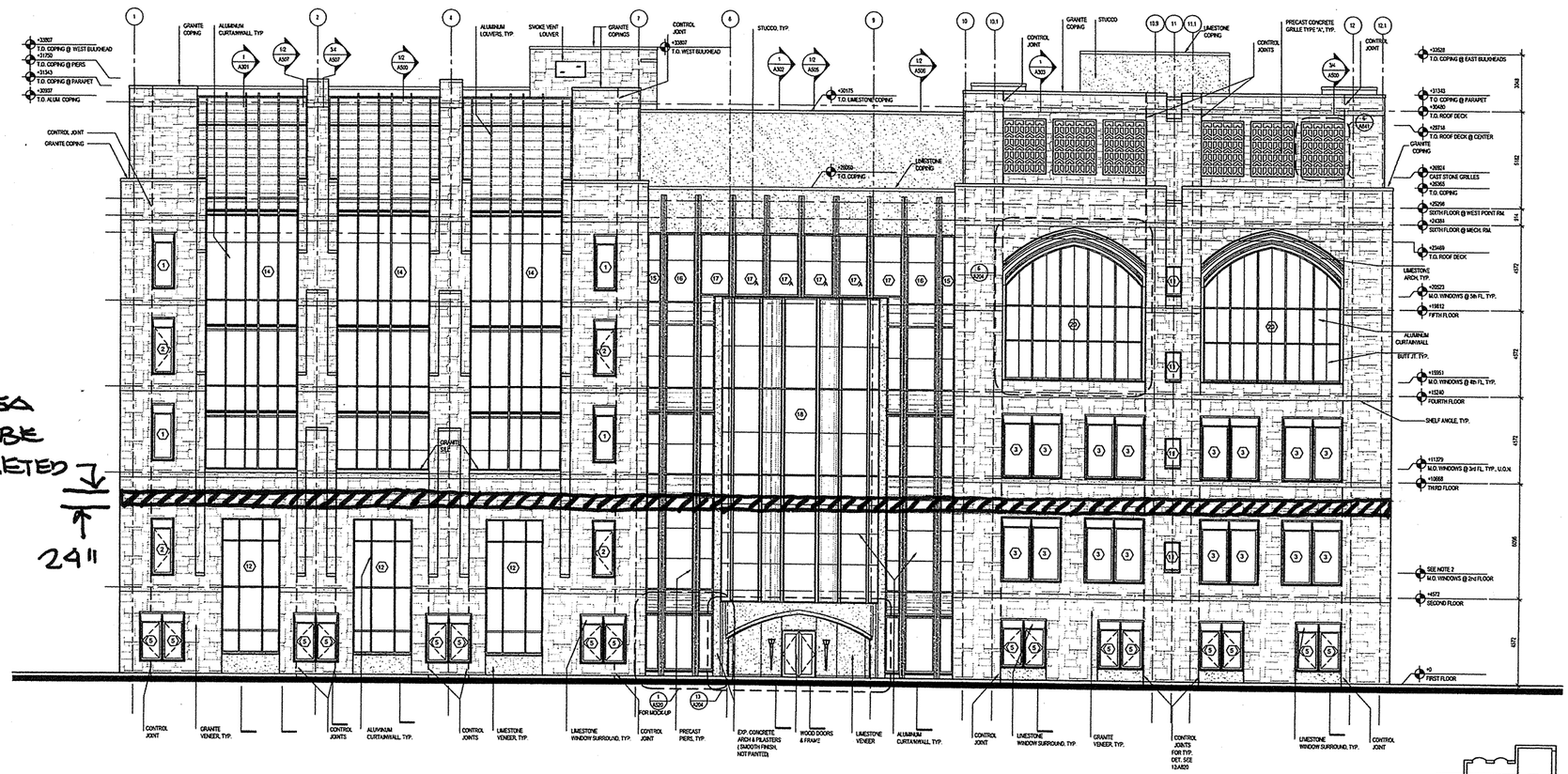
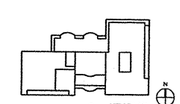
38	1 1/2"	1321	4'-4"
41	1 5/8"	1524	5'-0"
44	1 3/4"	1829	6'-0"
51	2"	2032	6'-8"
64	2 1/2"	2083	6'-10"
76	3"	2134	7'-0"
92	3 5/8"	2286	7'-6"
102	4"	2438	8'-0"
127	5"	2642	8'-8"
152	6"	2743	9'-0"
305	1'-0"	3048	10'-0"
610	2'-0"	3353	11'-0"



1 SOUTH BUILDING ELEVATION

1:100

0 1 2 3 4 5 m



1 KEY PLAN

US Army Corps of Engineers
New York District

Symbol	Description	Date	Appr
1	BID AMENDMENT #3	05/04/05	STV-RA
1	BID AMENDMENT #2	03/31/05	STV-RA

Date: DEC 23 2004
Drawing file no.:
Drawing code:
Plot date: XX/XX/XX
Plot by: XXXXX
Scale:
Size: ARCH-E
Rev:

Designed by: STV-DC
Drawn by: STV-LL
Checked by: STV-RA
Reviewed by: STV-RA
Submitted by: STV INCORPORATED

CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY

SUB CONSULTANT:
HOPPA
HOPPA ARCHITECTS AND PLANNERS
NEW YORK, NEW JERSEY, CONNECTICUT

File name: I:\PROJECTS\11-11-11-11-11-11\BUILDING\PLANS\DWG, Plot date: 05/10/05 7:34am, BY:JAUSTIN

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CONTRACT NO.: DACA 51-02-C-0018
THOMAS JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

SOUTH BUILDING ELEVATION

Sheet Reference Number:

A-201

sheet 011of 145

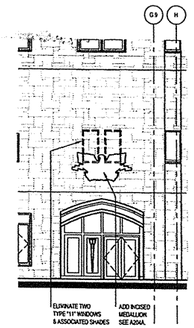
4-21-05

A201 - A1

NOTE:

1. FOR WINDOW TYPES AND INFORMATION, SEE A-205 THRU A-207.
2. M.O. FOR WINDOWS @ 2nd FL: +5283 (+17'-4") EXCEPT FOR WINDOW TYPES 10 & 11: +5833 (+19'-4") AND FOR WINDOW TYPE 9: +6911 (+22'-8") M.O. FOR ALL OTHER WINDOWS: +721 AFF, U.O.N.
3. FOR TYPICAL GRANITE COURSING SEE 15/A7204.
4. LIMESTONE WINDOW SURROUNDS INCLUDED UNDER BID OPTION #1. FOR BASE BID DETAILS SEE A845. REFER TO BID OPTION NOTES, A000.

CONVERSION TABLE		CONVERSION TABLE	
METRIC	IMPERIAL	METRIC	IMPERIAL
10	3/8"	711	2'-4"
13	1/2"	914	3'-0"
16	5/8"	1016	3'-4"
22	7/8"	1118	3'-8"
25.4	1"	1219	4'-0"
38	1 1/2"	1321	4'-4"
41	1 5/8"	1524	5'-0"
44	1 3/4"	1829	6'-0"
51	2"	2032	6'-8"
64	2 1/2"	2063	6'-10"
76	3"	2134	7'-0"
92	3 5/8"	2286	7'-6"
102	4"	2438	8'-0"
127	5"	2642	8'-8"
152	6"	2743	9'-0"
305	1'-0"	3048	10'-0"
610	2'-0"	3353	11'-0"



2 ELEVATION DETAIL (BID OPTION NO. 19)

1:100

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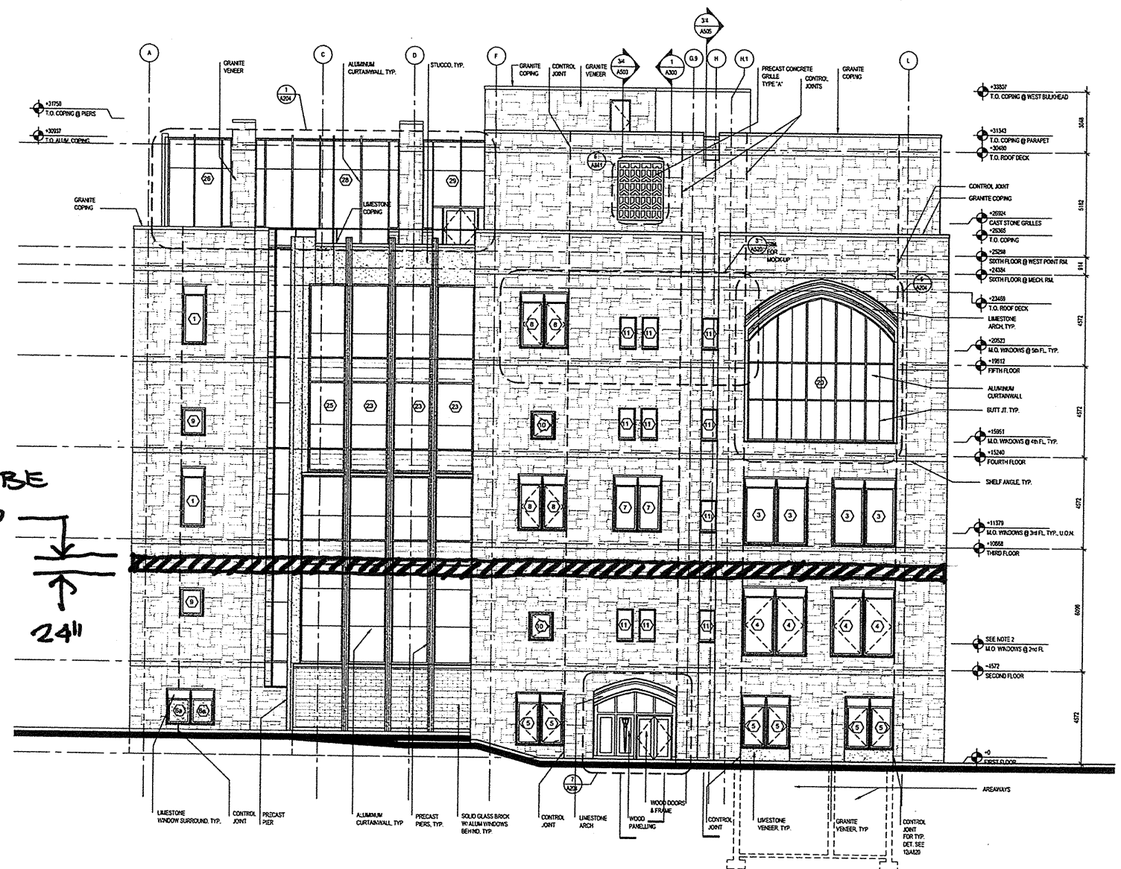

1 WEST BUILDING ELEVATION

1:100

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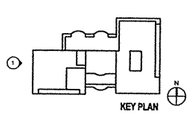

US Army Corps of Engineers
New York District

Symbol	Description	Date	Sheet	Approved
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2	BID AMENDMENT #2	01/04/05	STV/VRA	

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Drawing code:
Sheet Rev.: A202REV
Designed by: STV-DC
Drawn by: STV-A
Checked by: STV/FA
Reviewed by: STV-A
Plot date: XXXX/XX
Plot by: XXXXX
Scale: XXXXX
Submitted by: STV INCORPORATED
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CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY

SUB CONSULTANT:
HHPA
HARRIS HOLLAN PERTERS ASSOCIATES
225 PARK AVENUE SOUTH
NEW YORK, NEW YORK 10010

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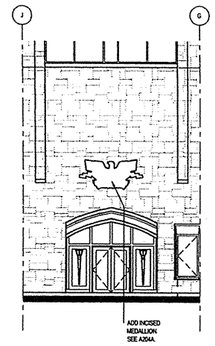
CONTRACT NO.: DACA 51-02-C-0018
THOMAS JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

WEST BUILDING ELEVATION

Sheet Reference Number:
A-202
sheet 012 of 149

4.21.05

A202-A1



2 ELEVATION DETAIL (BID OPTION NO. 19)
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0 1 2 3 4 5 m

NOTE
1. FOR WINDOW TYPES AND INFORMATION, SEE A-205 THRU A-207
2. M.O. FOR WINDOWS @ 2nd FL: +5283 (+17'-4")
EXCEPT FOR WINDOW TYPES 10 & 11: + 5893 (+19'-4")
AND FOR WINDOW TYPE 9: + 6911 (+22'-8")
M.O. FOR ALL OTHER WINDOWS: +721 AFF, U.O.N.
3. FOR TYPICAL GRANITE COURSING SEE 150A-204.
4. LIMESTONE WINDOW SURROUNDS INCLUDED UNDER BID OPTION #1.
FOR BASE BID DETAILS SEE A245.
REFER TO BID OPTION NOTES, A000.

CONVERSION TABLE		CONVERSION TABLE	
METRIC	IMPERIAL	METRIC	IMPERIAL
10	3/8"	711	2'-4"
13	1/2"	914	3'-0"
16	5/8"	1016	3'-4"
22	7/8"	1118	3'-8"
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44	1 3/4"	1829	6'-0"
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64	2 1/2"	2083	6'-10"
76	3"	2134	7'-0"
92	3 5/8"	2286	7'-6"
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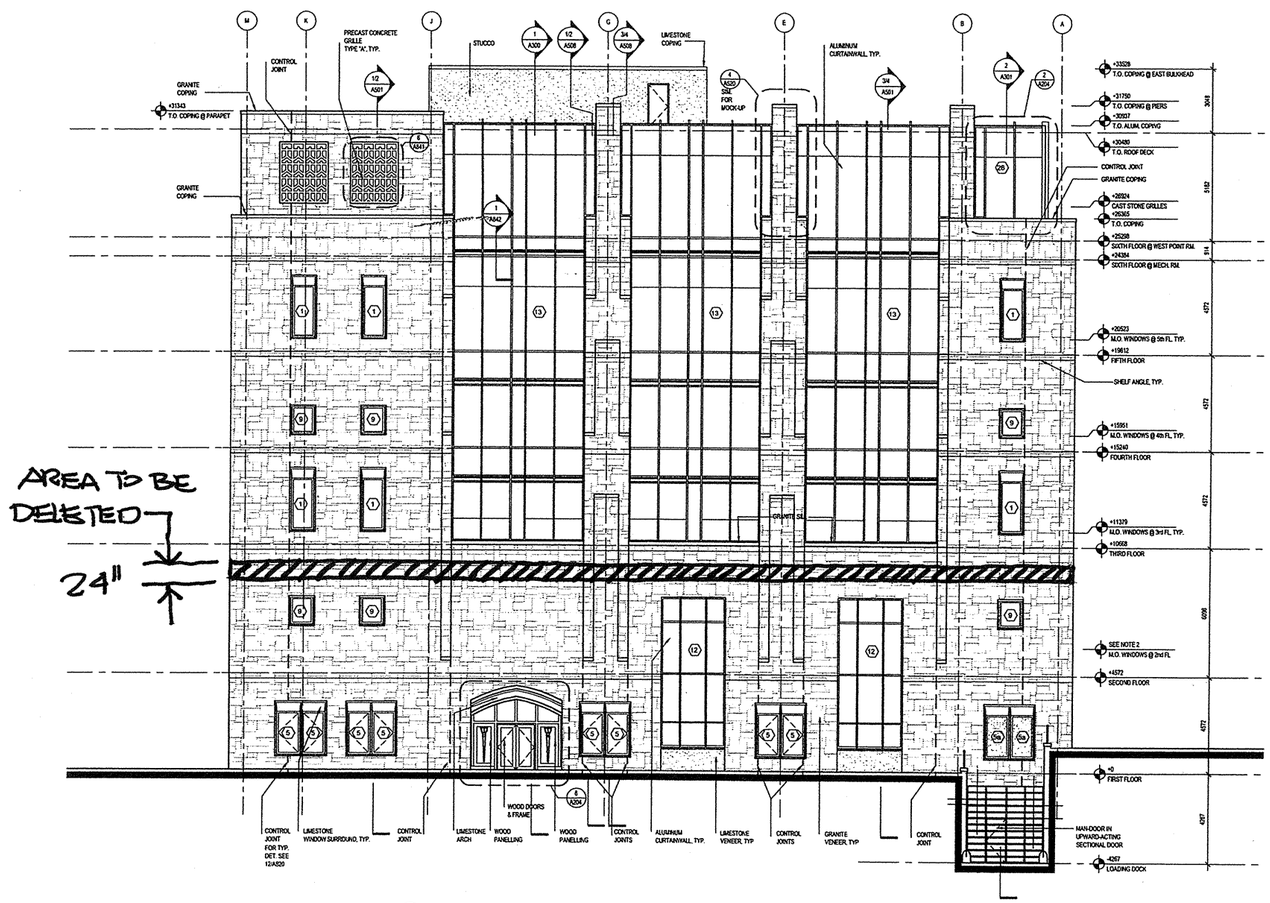
127	5"	2642	8'-8"
152	6"	2743	9'-0"
305	1'-0"	3048	10'-0"
610	2'-0"	3353	11'-0"



1 EAST BUILDING ELEVATION
1:100
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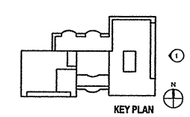

4-21-05

US Army Corps of Engineers
New York District

Symbol	Description	Date	Appr.
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2	BID AMENDMENT #2	03/04/05	STV/GA

Designed by: STV/DC
Drawn by: STV/GA
Checked by: STV/GA
Reviewed by: STV/GA
Submitted by: STV INCORPORATED
Date: DEC 20 2004
Scale: NONES
Rev.:
Drawing file no.:
Drawing code:
Plot date: XXXX/XX
Plot by: XXXXX
Date: XXXXX
File name: U:\PROJECTS\11141\11141GA\ARCH\ARCH\CNC_FILE.ADB, 03/17/2005 - 2:27pm, BY: ANGERVIN

CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY

SUB CONSULTANT:
HUDPA
HARRY TUDOR PARTNERS ARCHITECTS
ARCHITECTURE INTERIORS
ARCHITECTURAL HERITAGE
ARCHITECTURAL PRESERVATION
NEW YORK, NEW YORK 10013

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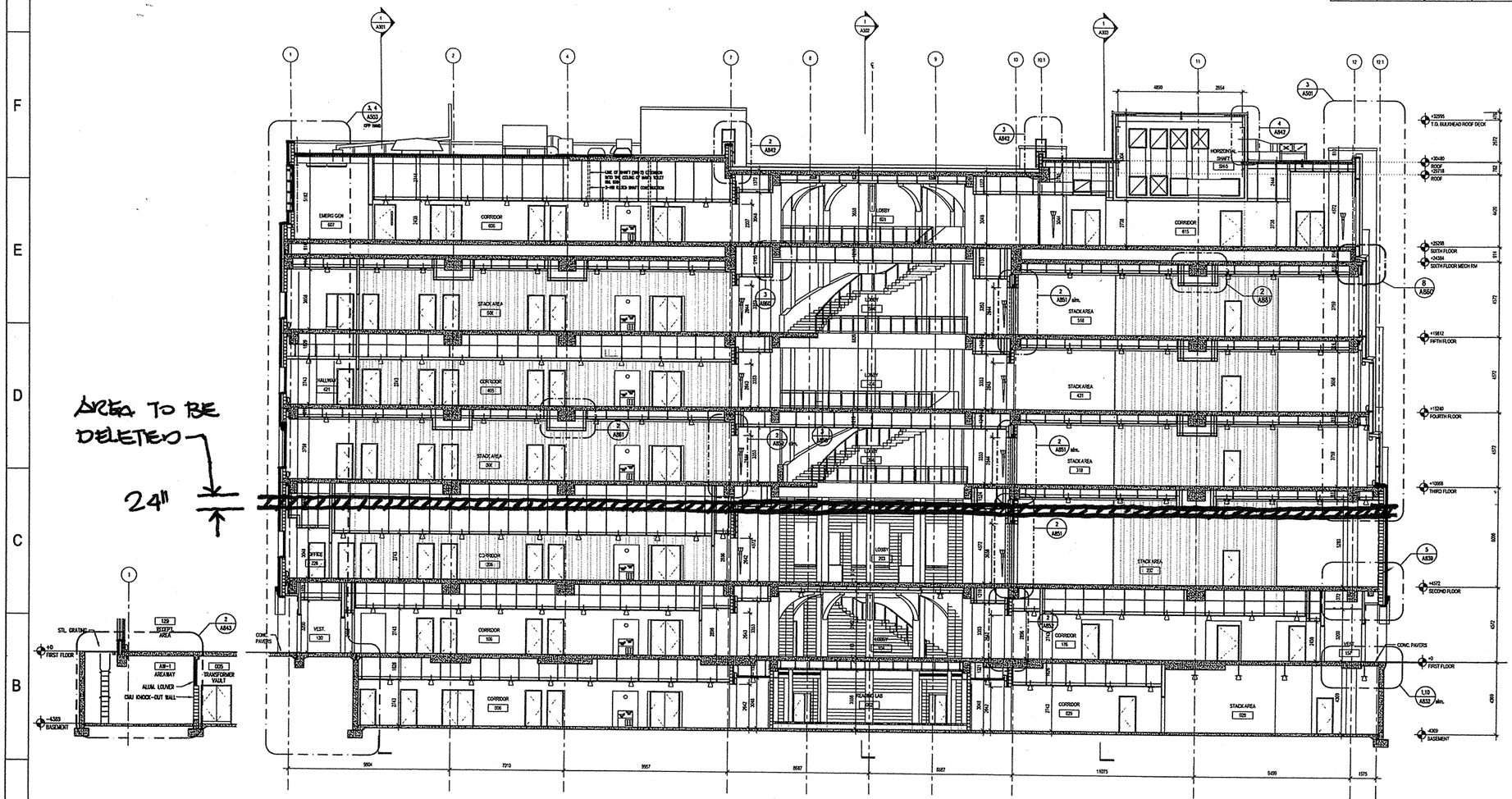
CONTRACT NO.: DACA 51-02-C-0018
TITLE: JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

EAST BUILDING ELEVATION

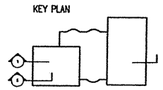
Sheet Reference Number:
A-203
sheet 013 of 143

A203 - A1

CONVERSION TABLE		CONVERSION TABLE	
METRIC	IMPERIAL	METRIC	IMPERIAL
10	3/8"	711	2'-4"
13	1/2"	914	3'-0"
16	5/8"	1016	3'-4"
22	7/8"	1118	3'-8"
25.4	1"	1219	4'-0"
38	1 1/2"	1321	4'-4"
41	1 5/8"	1524	5'-0"
44	1 3/4"	1829	6'-0"
51	2"	2032	6'-8"
64	2 1/2"	2083	6'-10"
76	3"	2134	7'-0"
92	3 5/8"	2286	7'-6"
102	4"	2438	8'-0"
127	5"	2642	8'-8"
152	6"	2743	9'-0"
305	1'-0"	3048	10'-0"
610	2'-0"	3353	11'-0"



KEY PLAN



2 LONGITUDINAL BUILDING SECTION AT AREAWAY
1:100
0 1 2 3 4 5 m

1 LONGITUDINAL BUILDING SECTION WEST
1:100
0 1 2 3 4 5 m

US Army Corps of Engineers
New York District

Symbol	Description	Date	Appr.
1	BID AMENDMENT #3	02/04/05	STV/EA
2	BID AMENDMENT #2	01/24/05	STV/EA

Designed by: STV/DC
Checked by: STV/EA
Drawing file no.:
Drawing code:
Reviewed by: STV/EX
Submitted by: STV INCORPORATED
Pltd date: XX/XX/XX
Plot by: XXXXX
Scale: XXXXX
File name: V:\PROJECTS\11-11-11\GALLERY\PUBLISH\A_300.DWG, 1/4"=1'0", BY:VASTER

Date: DEC-20-2004
Size: ANCHI
Rev.:

CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY

SUB CONSULTANT:
HHPA
HARRIS HOLLAND PERRY ASSOCIATES
100 BROADWAY FIFTH FLOOR
NEW YORK, NY 10005-1900

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CONTRACT NO.: DACA 51-02-C-0018
TITLE: JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

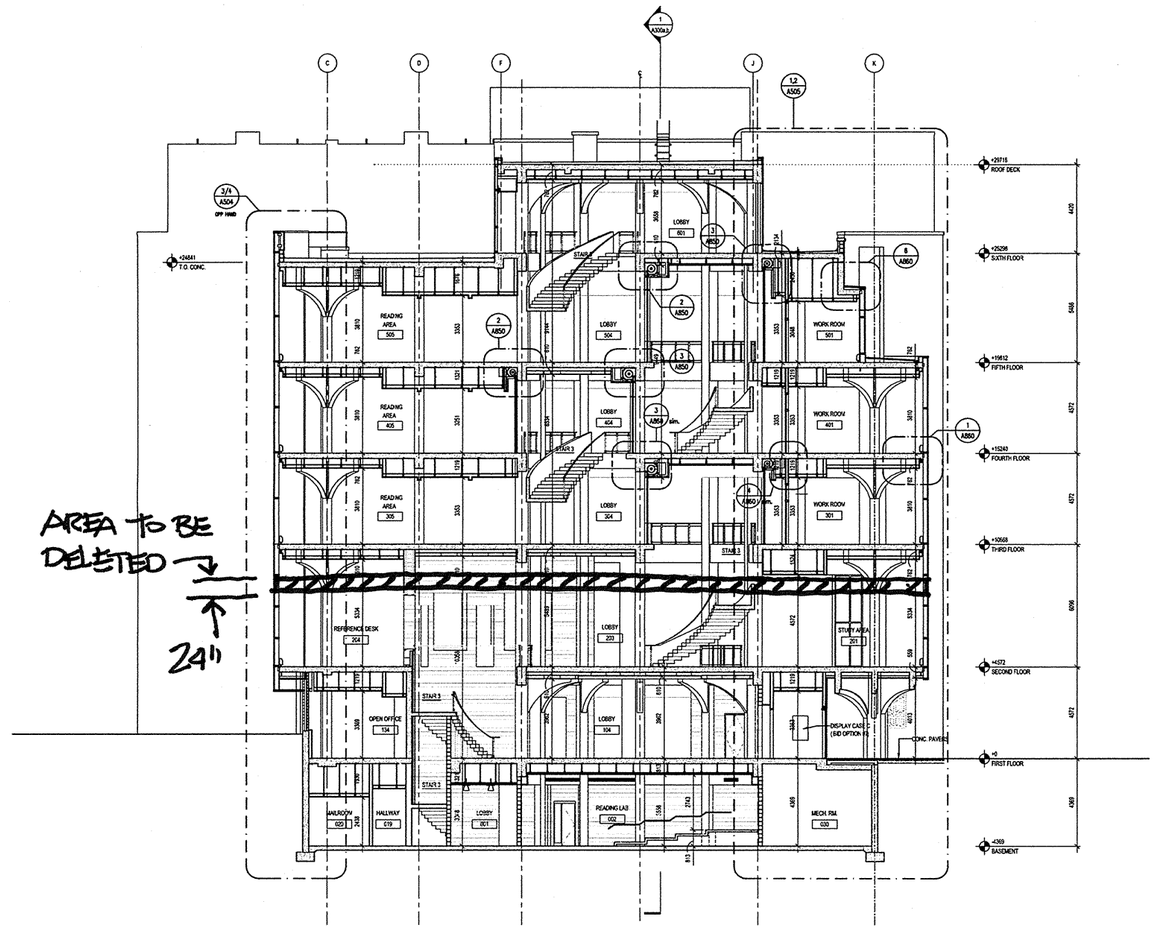
LONGITUDINAL BUILDING SECTION -1

Sheet Reference Number:
A-300
sheet 020of 149

4-21-05

A-300 - A1

CONVERSION TABLE		CONVERSION TABLE	
METRIC	IMPERIAL	METRIC	IMPERIAL
10	3/8"	711	2'-4"
13	1/2"	914	3'-0"
16	5/8"	1016	3'-4"
22	7/8"	1118	3'-8"
25.4	1"	1219	4'-0"
38	1 1/2"	1321	4'-4"
41	1 5/8"	1524	5'-0"
44	1 3/4"	1829	6'-0"
51	2"	2032	6'-8"
64	2 1/2"	2063	6'-10"
76	3"	2134	7'-0"
92	3 5/8"	2286	7'-6"
102	4"	2438	8'-0"
127	5"	2642	8'-8"
152	6"	2743	9'-0"
305	1'-0"	3048	10'-0"
610	2'-0"	3353	11'-0"



1 TRANSVERSE BUILDING SECTION
1:100
0 1 2 3 4 5 m

KEY PLAN

US Army Corps of Engineers
New York District

Symbol	Description	Date	By
1	BID AMENDMENT #3	02/04/06	STV-RA
2	BID AMENDMENT #2	01/24/06	STV-RA

Designed by: STV-EK
Drawn by: STV-LLK
Checked by: STV-EK
Reviewed by: STV-EK
Submitted by: STV-INCORPORATED
Date: DEC 20 2004
Drawing file no.:
Drawing code:
Plot date: XXXX/XX/XX
Plot by: XXXXX
Scale: XXXX
Scale: SCALE
Rev.:

CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY

SUB CONSULTANT:
HKPA ARCHITECTS, PLANNERS & ENGINEERS
400 BROADWAY, 11TH FLOOR
NEW YORK, NEW YORK 10013

File name: P:\PROJECTS\11110\CAD\BASE\TRANSVERSE_WPA-11110_CB_04-05-2005 1:12pm_STV-EK.DWG

100% CONSTRUCTION DOCUMENTS

CONTRACT NO.: DACA 51-02-C-0018
THOMAS JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

TRANSVERSE BUILDING SECTION -2

Sheet Reference Number:
A-302
sheet 022 of 149

4·21·05

A302 - A1

RCP GENERAL NOTES

1. ALL FIXTURES SHOWN ARE NEW UNLESS OTHERWISE NOTED
2. 2X2 CLG. GRID PATTERN SHOWS EXTENT OF NEW LAY-IN ACT IN EXPOSED "TEE" GRID UNLESS OTHER WISE NOTED.
3. ALL CLG. ELEMENTS (DIFFUSERS, SPRINKLER HEADS, SMOKE & HEAT DETECTORS, EXIT LIGHTS, ETC) ARE TO BE CENTERED IN TILES UNLESS OTHERWISE NOTED. SEE M.E.P. DRAWINGS FOR CONNECTIONS AND OTHER INFORMATION
4. CLG. GRID TO BE CENTERED WITHIN ROOM, WITH CENTER POINT OF ROOM AT CENTER OF A TILE, UNLESS OTHERWISE NOTED.
5. NO PIPING OR DUCTWORK IS TO BE EXPOSED IN OCCUPIED AREAS.
6. SEE A-860 AND A-861 FOR TYPICAL CEILING DETAILS
7. FOR ANCHORAGE OF PROJECTORS SEE DWG 3E451

CEILING KEY

A 2743 — HEIGHT A.F.F.
— CEILING TYPE

CEILING TYPES

A	16mm OSB, STAINED, W/ REMOVABLE ACT-1 PANELS
B	GWB
C	ACT 2 : 2X2 LAY-IN
D	ACT 3 : 2X4 STAGGERED
E	GWB 1-HR.
F	GWB. 2-HR
G	EXPOSED STRUCTURE
H	NOT USED
K	EXTERIOR STUCCO FINISH
L	ACT 4 : TECTUM PANELS W/ 76mm ACOUST. BATTS ABOVE
M	OSB, STAINED
N	FABRIC-WRAPPED ACOUSTICAL PANELS FWP-1

CEILING LEGEND

- RECESSED 2X2 TROFFER
- RECESSED 1X4 TROFFER
- DIRECT/INDIRECT LINEAR PENDANT
- LINEAR UPLIGHT SCONCE
- UNDERCABINET TASK LIGHTING
- DISPLAY CABINET LIGHTING
- INDUSTRIAL STRIP LIGHT
- EXIT SIGN
- CHANDELIER
- FLUORESCENT PENDANT
- WALL SCONCE
- RECESSED DOWNLIGHT
- SURFACE MOUNTED DOWNLIGHT
- WALLWASHER
- STEP-LIGHT
- SURFACE-MTD METAL HALIDE TLDOD LIGHT
- SURFACE-MTD METAL HALIDE DOWNLIGHT
- DIFFUSERS
- LINEAR DIFFUSER
- PROJECTOR, N.I.C. (M = MOTORIZED LIFT)
- SPEAKER
- SPRINKLER HEAD / FM200 NOZZLE
- SMOKE SENSOR / HEAT SENSOR
- PROJECTION SCREEN (SCREENS N.I.C. SEE NOTE 10 / A000)

SHADE LEGEND

(SHADES N.I.C.: SEE NOTE 11 / A000)

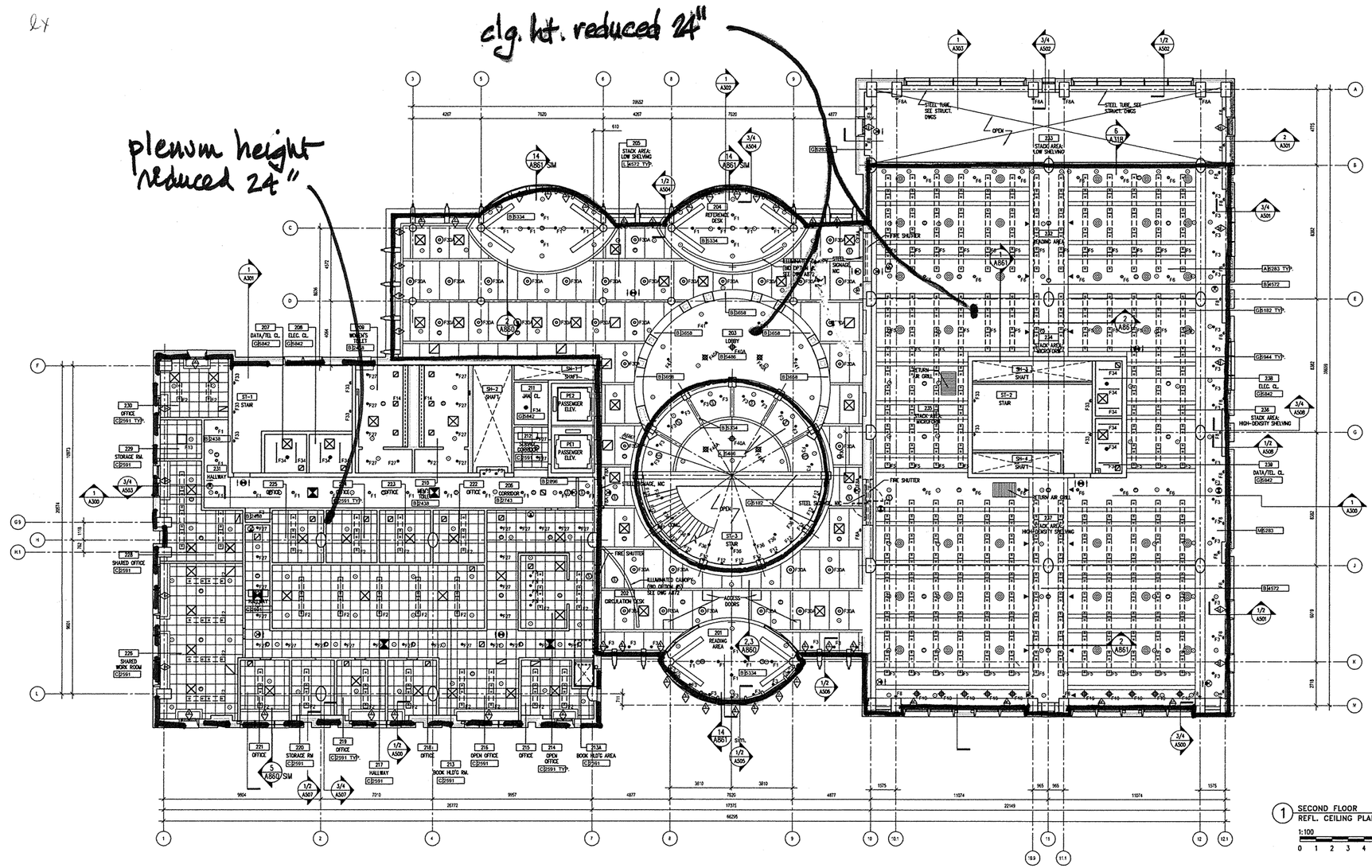
— SHADE TYPE
— SILL TYPE

SHADE DESIGNATIONS:

SHADE "A"	MANUAL PULLDOWN SUNSHADE
SHADE "B"	MOTORIZED SUNSHADE
SHADE "C"	MANUAL BLACKOUT SHADE & SUNSHADE
SHADE "D"	MANUAL BLACKOUT SHADE
SHADE "E"	MOTORIZED BLACKOUT SHADE & SUNSHADE
SHADE "_F"	WITH VALANCE
SHADE "_G"	WITH CORNER CONDITION

CONVERSION TABLE		CONVERSION TABLE	
METRIC	IMPERIAL	METRIC	IMPERIAL
10	3/8"	711	2'-4"
13	1/2"	914	3'-0"
16	5/8"	1016	3'-4"
22	7/8"	1118	3'-8"
25.4	1"	1219	4'-0"
38	1 1/2"	1321	4'-4"
41	1 5/8"	1524	5'-0"
44	1 3/4"	1829	6'-0"
51	2"	2032	6'-8"
64	2 1/2"	2083	6'-10"
76	3"	2134	7'-0"
92	3 5/8"	2286	7'-6"
102	4"	2438	8'-0"
127	5"	2642	8'-8"
152	6"	2743	9'-0"
305	1'-0"	3048	10'-0"
610	2'-0"	3353	11'-0"

NOTE:
ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE NOTED.



1 SECOND FLOOR REFL. CEILING PLAN
1:100

US Army Corps of Engineers
New York District

Date	Description
03/04/05	BID AMENDMENT #3
01/24/05	BID AMENDMENT #2

Designed by: STV-R
Checked by: STV-RA
Drawn by: STV-R
Reviewed by: STV-RA
Submitted by: STV INCORPORATED
Date: 10/20/2004
Size: ANSI E
Rev.:
Drawing file no.:
Drawing code:
Plot date: XX/XX/XX
Plot by: XXXXX
Scale: XXXXX

CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY
SUB CONSULTANT:
HDPA ARCHITECTURE / PLANNING / INTERIORS / GRAPHICS
40 BROADWAY / 16TH FLOOR
NEW YORK, NEW YORK 10004

File name: C:\PROJECTS\STV\USACE\WEST POINT\DWG\A-402 SECOND FLOOR REFLECTED CEILING PLAN.DWG, LAYOUT1 [2] - 2/23/2005 - 1:34pm, BY JAMES YEE

100% CONSTRUCTION DOCUMENTS
CONTRACT NO.: DACA 51-02-C-0016
THOMAS JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

SECOND FLOOR REFLECTED CEILING PLAN

Sheet Reference Number:
A-402
sheet 039of 149

4.4.05

A402-A1

THOMAS JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

April 21, 2005
Contract No. DACA-51-02-C-0018
STV Incorporated
225 Park Avenue South
New York, NY 10003

Volume IV

Drawing No.: A-2

Option A2 –
Replace Exposed Double-T Ceilings with Flat Slab and Gypsum Board Ceiling

Summary Description:
This option has two elements. The first alters the structural design at the east and west wings from a double-T system to a flat slab with drop panels at the columns. The second adds a suspended gypsum board ceiling at all areas where the exposed double-T system (with OSB/tectum panels) is currently shown.

Architectural –
- Eliminate OSB/tectum panels and double-T ceiling
- Provide suspended gypsum board ceiling system. Each stack area to be provided with center soffits as now shown and with continuous perimeter soffit. See sheets: A-303-A2, A-403-A2

Civil – No net change.

Structural –
- Provide new flat-slab structural system with drop panels at columns in the area where the Double-T design is currently shown. See Sheets: S-104-A2, SK1-A2
- Perimeter beams should remain the same as the base condition.
- Column sizes should remain the same size as the base condition with estimated column reinforcement increase of +/- 5% over base scheme.
- Footing sizes and reinforcement should increase by +/- 10% over base scheme
- Shear wall reinforcement should increase by +/- 5%.

Mechanical (HVAC) –
- Ductwork and diffusers to be reconfigured for continuous plenum in the area of the new flat slab.
- Locations and quantity of diffusers and returns to remain the same.
- No change to the capacity and air-flow of the systems.
- Ducts may be resized during re-design if required to fit into the altered plenum depth.

Plumbing – No net change.

Fire Protection – No net change.

Electrical – No net change.

Network / Technology – No net change.

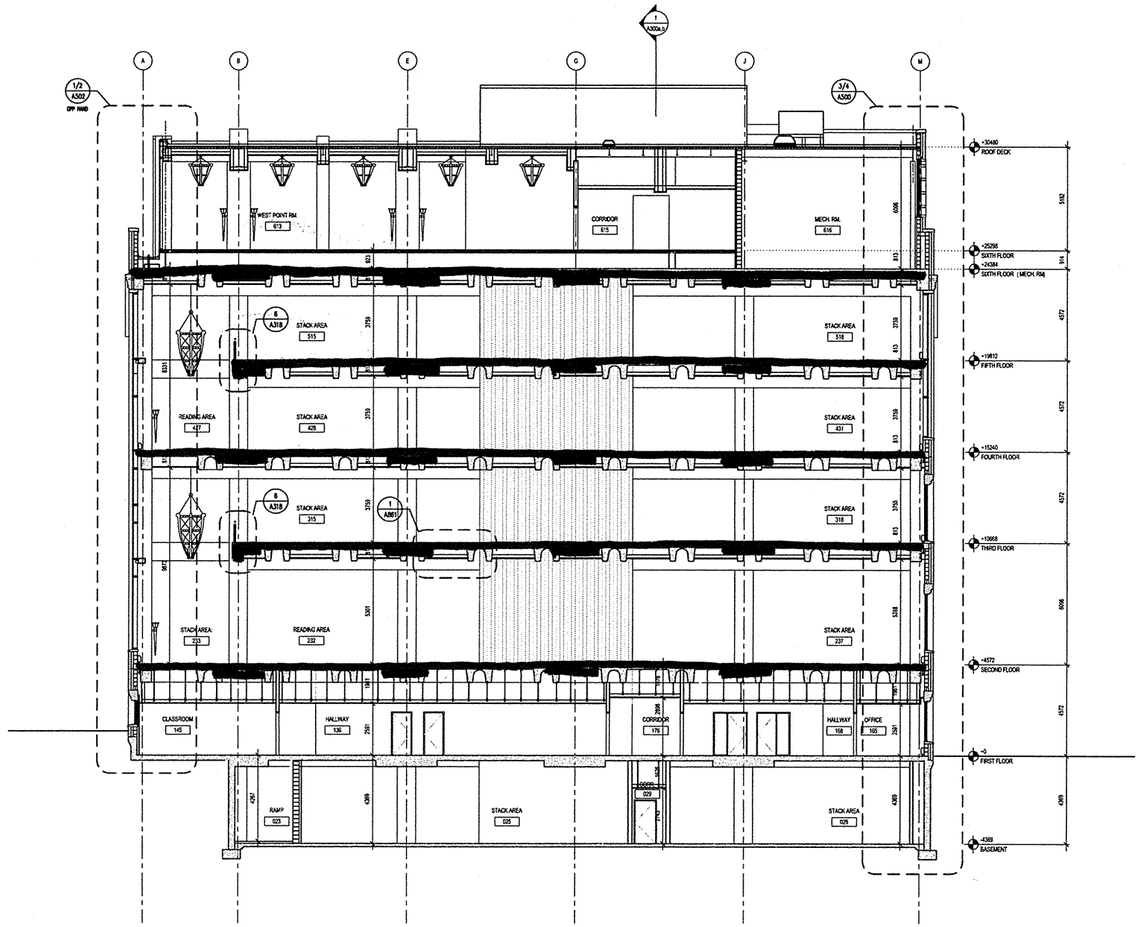
Elevator – No net change.

Reference Drawings:

Drawing No.	Drawing Title	Replaces
A-303 – A-2	Transverse Section – 3	A-303 (Vol. 1)
A-402 – A-2	Second Floor Reflected Ceiling Plan	A-402 (Vol. 1)
A-403 – A-2	Third Floor Reflected Ceiling Plan	A-403 (Vol. 1)
S-104 – A-2	Fourth Floor Structural Plan	S-104 (Vol. 2)
SK1 – A-2	Replace Double-T with Flat Slab Sketch	Supplemental Sketch

Reference Specifications: None

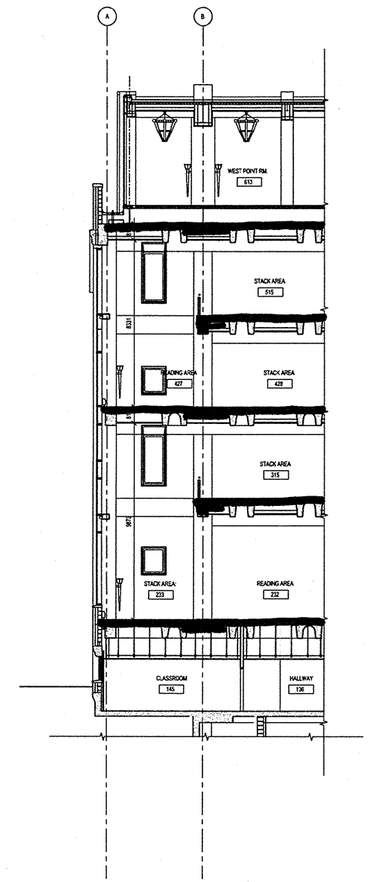
CONVERSION TABLE		CONVERSION TABLE	
METRIC	IMPERIAL	METRIC	IMPERIAL
10	3/8"	711	2'-4"
13	1/2"	914	3'-0"
16	5/8"	1016	3'-4"
22	7/8"	1118	3'-8"
25.4	1"	1219	4'-0"
38	1 1/2"	1321	4'-4"
41	1 5/8"	1524	5'-0"
44	1 3/4"	1829	6'-0"
51	2"	2032	6'-8"
64	2 1/2"	2083	6'-10"
76	3"	2134	7'-0"
92	3 5/8"	2286	7'-6"
102	4"	2438	8'-0"
127	5"	2642	8'-8"
152	6"	2743	9'-0"
305	1'-0"	3048	10'-0"
610	2'-0"	3353	11'-0"



1 TRANSVERSE BUILDING SECTION

1:100

0 1 2 3 4 5 m

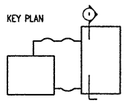


2 SECTION READING AREAS

1:100

0 1 2 3 4 5 m

KEY PLAN



US Army Corpe of Engineers
New York District

Symbol	Description	Date	App
1	BID AMENDMENT #3	02/04/05	STV-RA
2	BID AMENDMENT #2	01/04/05	STV-EK

Designed by: STV-DC
Drawn by: STV-JLK
Reviewed by: STV-EK
Submitted by: STV INCORPORATED
Date: DEC 01 2004
Drawing file no.:
Drawing code:
Plot date: XXXXXXX
Plot file: XXXXXX
Scale: XXXXX
Size: 24x36
Rev.:

CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY

SUB CONSULTANT:
HARDY HOLZMAN PFEIFFER ASSOCIATES
40 BROAD ST. NEW YORK, NY

File name: I:\PROJECTS\11111\DRAWINGS\11111.DWG, WWW TITLE 13 - 24X36DC - 1:1 PW - BY JAMES

100% CONSTRUCTION DOCUMENTS

CONTRACT NO.: DACA 51-02-C-0018
TITLE: TRANSVERSE BUILDING
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

TRANSVERSE BUILDING SECTION -3

Sheet Reference Number:

A-303

sheet 023 of 149

4-21-05

A303 - A2

RCP GENERAL NOTES

1. ALL FIXTURES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
2. 2X2 CLG. GRID PATTERN SHOWS EXTENT OF NEW LAY-IN ACT IN EXPOSED "TEE" GRID UNLESS OTHER WISE NOTED.
3. ALL CLG. ELEMENTS (DIFFUSERS, SPRINKLER HEADS, SMOKE & HEAT DETECTORS, EXIT LIGHTS, ETC.) ARE TO BE CENTERED IN TILES UNLESS OTHERWISE NOTED. SEE M.E.P. DRAWINGS FOR CONNECTIONS AND OTHER INFORMATION.
4. CLG. GRID TO BE CENTERED WITHIN ROOM, WITH CENTER POINT OF ROOM AT CENTER OF A TILE, UNLESS OTHERWISE NOTED.
5. NO PIPING OR DUCTWORK IS TO BE EXPOSED IN OCCUPIED AREAS.
6. SEE A-860 AND A-861 FOR TYPICAL CEILING DETAILS
7. FOR ANCHORAGE OF PROJECTORS SEE DWG 3/E451

CEILING KEY

A12743 — HEIGHT A.F.F.
— CEILING TYPE

CEILING TYPES

A	16mm OSB, STAINED, W/ REMOVABLE ACT-1 PANELS
B	GWB
C	ACT 2 : 2X2 LAY-IN
D	ACT 3 : 2X4 STAGGERED
E	GWB 1-HR.
F	GWB. 2-HR
G	EXPOSED STRUCTURE
H	NOT USED
K	EXTERIOR STUCCO FINISH
L	ACT 4 : TECTUM PANELS W/ 76mm ACOUST. BATTS ABOVE
M	OSB, STAINED
N	FABRIC-WRAPPED ACOUSTICAL PANELS FWP-1

CEILING LEGEND

RECESSED 2X2 TROFFER
RECESSED 1X4 TROFFER
DIRECT/INDIRECT LINEAR PENDANT
LINEAR UPLIGHT SCONCE
UNDERCABINET T5OR LIGHTING
DISPLAY CABINET LIGHTING
INDUSTRIAL STRIP LIGHT
EXIT SIGN
CHANDELIER
FLUORESCENT PENDANT
WALL SCONCE
RECESSED DOWNLIGHT
SURFACE MOUNTED DOWNLIGHT
WALLWASHER
STEP-LIGHT
SURFACE-MTD METAL HALIDE FLOOD LIGHT
SURFACE-MTD METAL HALIDE DOWNLIGHT
DIFFUSERS
LINEAR DIFFUSER
PROJECTOR, N.I.C. (M = MOTORIZED LIFT)
SPEAKER
SPRINKLER HEAD / FM200 NOZZLE
SMOKE SENSOR / HEAT SENSOR
PROJECTION SCREEN (SCREENS N.I.C. SEE NOTE 10 / A000)

SHADE LEGEND

(SHADES N.I.C.: SEE NOTE 11 / A000)

SHADE TYPE
SILL TYPE

SHADE DESIGNATIONS:

SHADE "A" MANUAL PULLDOWN SUNSHADE
SHADE "B" MOTORIZED SUNSHADE
SHADE "C" MANUAL BLACKOUT SHADE & SUNSHADE
SHADE "D" MANUAL BLACKOUT SHADE
SHADE "E" MOTORIZED BLACKOUT SHADE & SUNSHADE
SHADE "J" WITH VALANCE
SHADE "L" WITH CORNER CONDITION

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305	1'-0"	3048	10'-0"
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NOTE:
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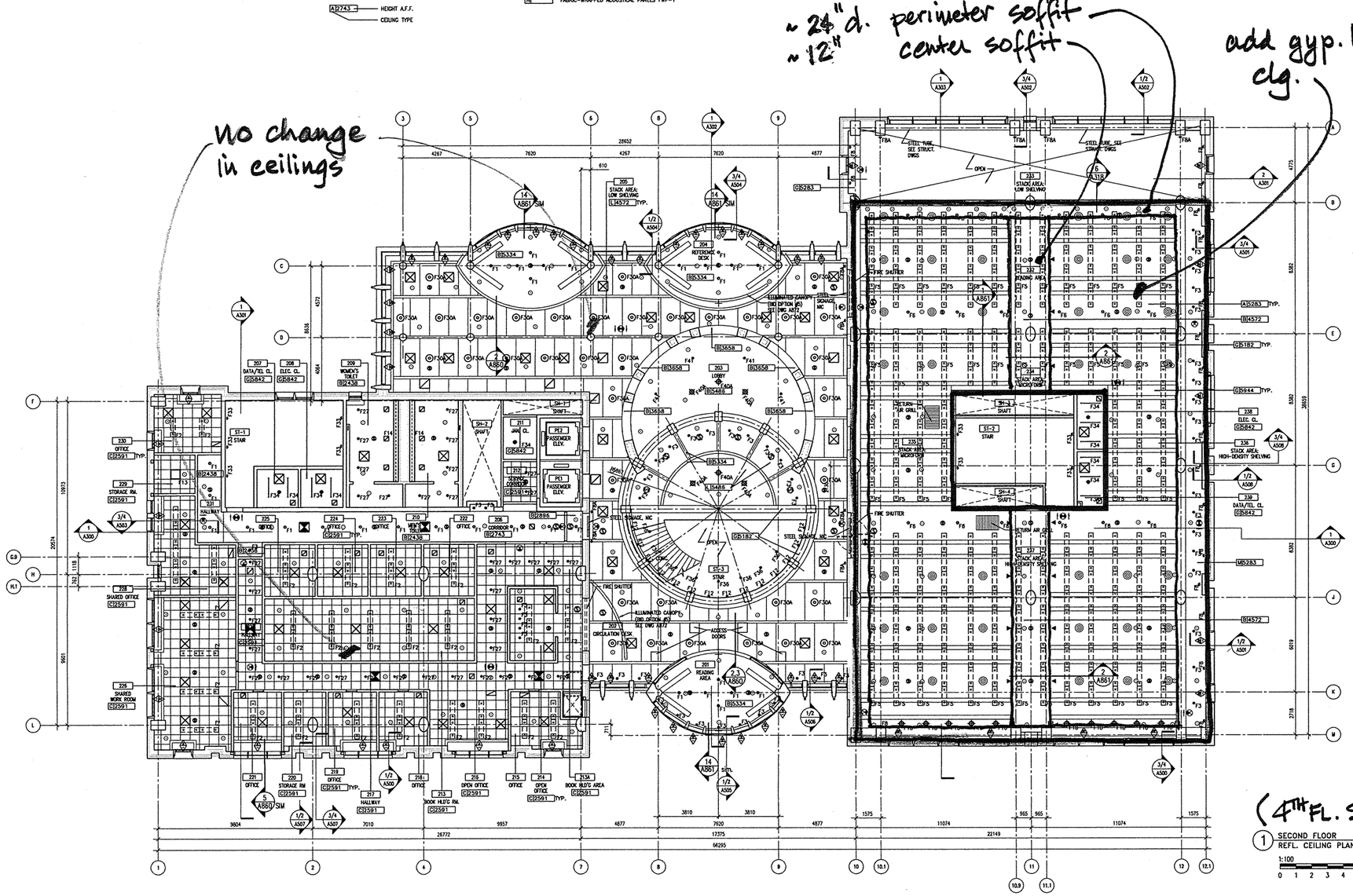

1 SECOND FLOOR REFL. CEILING PLAN
1:100

US Army Corps of Engineers
New York District

Symbol	Description	Date	Appr.
2	BID AMENDMENT #3	02/04/05	STN-RA
1	BID AMENDMENT #2	01/24/05	STN-RA

Designed by: STN-RA
Drawn by: STN-JR
Checked by: STN-RA
Reviewed by: STN-RA
Submitted by: STN-RA
Date: DEC 20 2004
Drawing file no.:
Drawing code:
Plot date: XX/XX/XX
Plot by: XXXXX
Scale:
Size: ARCH E
Rev.:

CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY

SUB CONSULTANT:
HDPA
HARRY HOLZMAN POTTER ASSOCIATES
922 BROADWAY 9TH FLOOR
NEW YORK, NEW YORK 10010

100% CONSTRUCTION DOCUMENTS
CONTRACT NO.: DACA 51-02-C-0018
THOMAS JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

SECOND FLOOR REFLECTED CEILING PLAN

Sheet Reference Number:
A-402
sheet 039 of 149

4.21.05 A402 - A2

RCP GENERAL NOTES

1. ALL FIXTURES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
2. 2X2 CLG. GRID PATTERN SHOWS EXTENT OF NEW LAY-IN ACT IN EXPOSED "TEE" GRID UNLESS OTHER WISE NOTED.
3. ALL CLG. ELEMENTS (DIFFUSERS, SPRINKLER LAR HEADS, SMOKE & HEAT DETECTORS, EXIT LIGHTS, ETC.) ARE TO BE CENTERED IN TILES UNLESS OTHERWISE NOTED. SEE M.E.P. DRAWINGS FOR CONNECTIONS AND OTHER INFORMATION.
4. CLG. GRID TO BE CENTERED WITHIN ROOM, WITH CENTER POINT OF ROOM AT CENTER OF A TILE, UNLESS OTHERWISE NOTED.
5. NO PIPING OR DUCTWORK IS TO BE EXPOSED IN OCCUPIED AREAS.
6. SEE A-550 AND A-851 FOR TYPICAL CEILING DETAILS
7. FOR ANCHORAGE OF PROJECTORS SEE DWG 3E451

CEILING KEY

A2743 — HEIGHT A.F.F.
— CEILING TYPE

CEILING TYPES

A	16mm OSB, STAINED, W/ REMOVABLE ACT-1 PANELS
B	GWB
C	ACT 2 : 2X2 LAY-IN
D	ACT 3 : 2X4 STAGGERED
E	GWB 1-HR.
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L	ACT 4 : TECTUM PANELS W/ 76mm ACOUST. BATTS ABOVE
M	OSB, STAINED
N	FABRIC-WRAPPED ACOUSTICAL PANELS FWP-1

CEILING LEGEND

RECESSED 2X2 TROFFER
RECESSED 1X4 TROFFER
DIRECT/INDIRECT LINEAR PENDANT
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UNDERCABINET TASK LIGHTING
DISPLAY CABINET LIGHTING
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DIFFUSERS
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PROJECTOR, N.L.C. (M = MOTORIZED LIFT)
SPEAKER
SPRINKLER HEAD / FM200 NOZZLE
SMOKE SENSOR / HEAT SENSOR
PROJECTION SCREEN (SCREENS N.L.C.: SEE NOTE 10 / A000)

SHADE LEGEND

(SHADES N.L.C.: SEE NOTE 11 / A000)

SHADE TYPE
SILL TYPE

SHADE DESIGNATIONS:

SHADE "A" MANUAL PULLDOWN SUNSHADE
SHADE "B" MOTORIZED SUNSHADE
SHADE "C" MANUAL BLACKOUT SHADE & SUNSHADE
SHADE "D" MANUAL BLACKOUT SHADE
SHADE "E" MOTORIZED BLACKOUT SHADE & SUNSHADE
SHADE "_F" WITH VALANCE
SHADE "_G" WITH CORNER CONDITION

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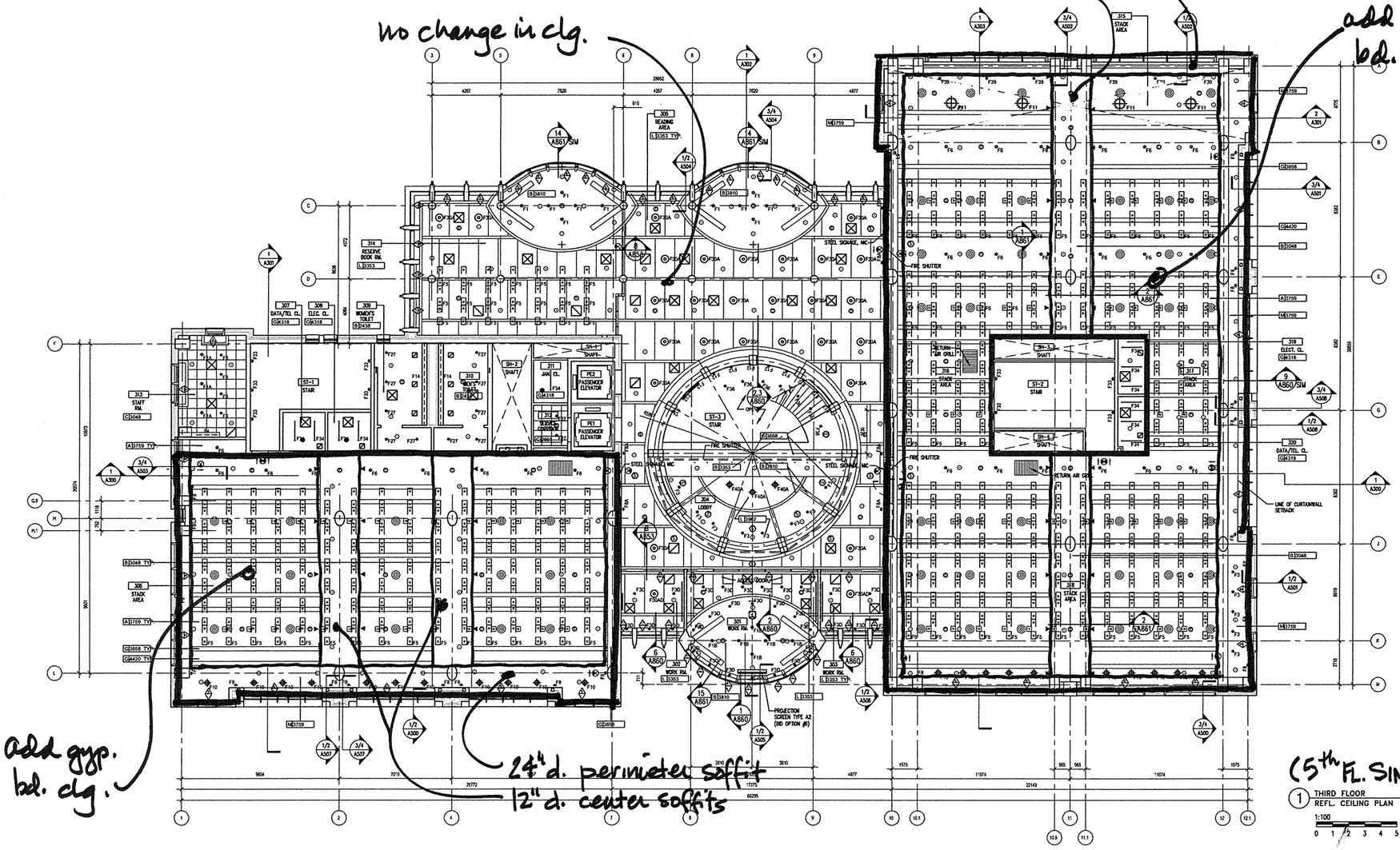
305	1'-0"	3048	10'-0"
610	2'-0"	3353	11'-0"

NOTE:
ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE NOTED.



US Army Corps of Engineers
New York District

Rev.	Date	Description	Approved
1			
2			
3			
4			
5			
6			
7			
8		BID AMENDMENT #3	STVIRA
9		BID AMENDMENT #2	STVIRA

Designed by: STV DC
Drawn by: STV JR
Checked by: STV RA
Reviewed by: STV RA
Submitted by: STV INCORPORATED
Date: DEC 20 2004
Drawing file no.:
Drawing code:
Plot date: XXXXXXX
Plot by: XXXXX
Scale: XXXXX
Size: 42X36
Rev:

CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY

SUB CONSULTANT:
HDPA
HARDY HOLZMAN PFEIFFER ASSOCIATES
115 FIFTH AVENUE, NEW YORK, NY 10003
212 529 5050 / FAX 212 989 1333

File name: U:\PROJECTS\STV\TIAA&AAA\TIAA\CORE, LAYOUT, MAT\3D\3D_FLOOR_BY_ARCHITECT.DWG

100% CONSTRUCTION DOCUMENTS

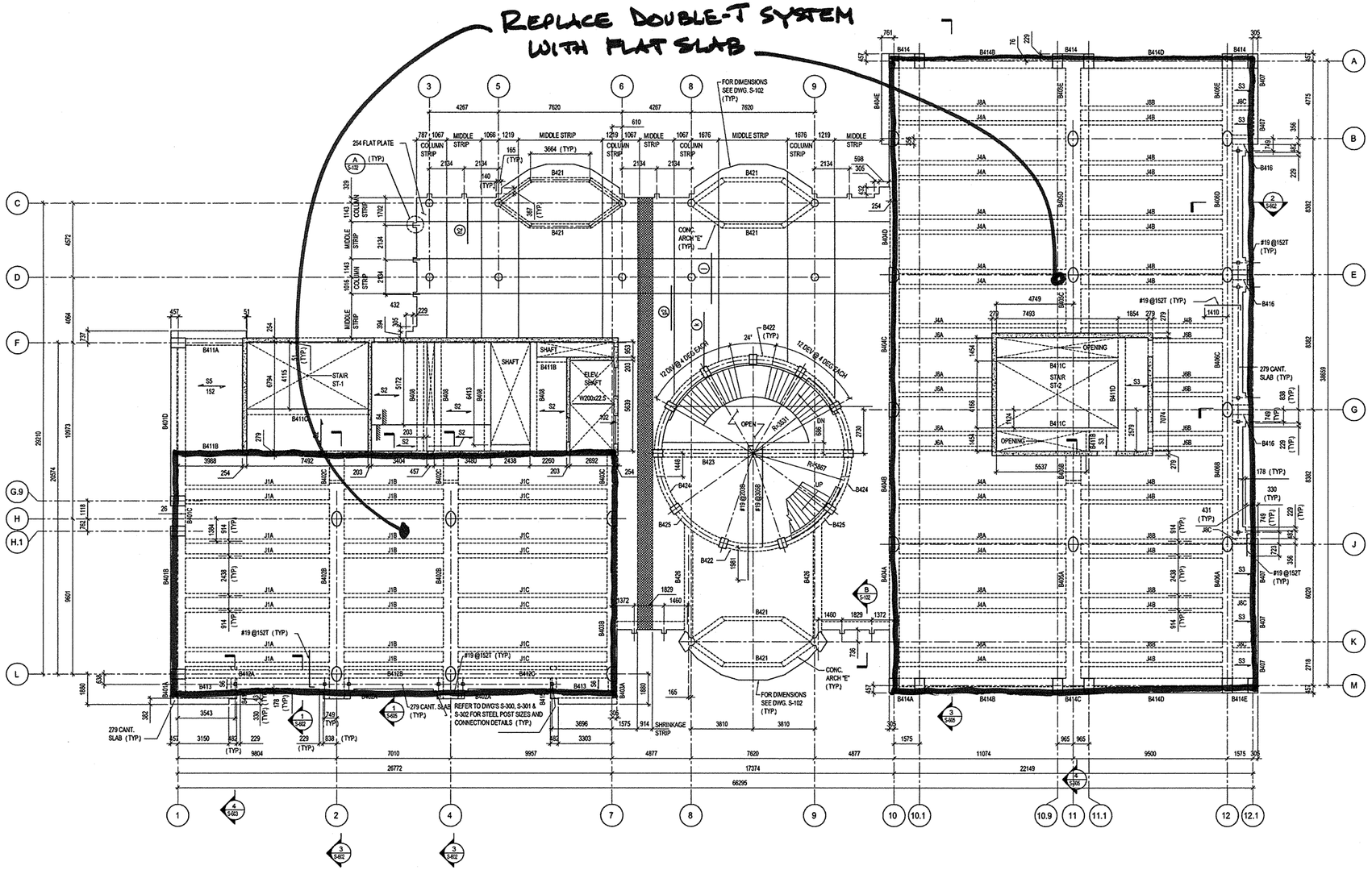
CONTRACT NO.: DACA51-01-D-0018
THOMAS JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

THIRD FLOOR REFLECTED CEILING PLAN

Sheet Reference Number:
A-403
sheet 042of 149

4.21.05 A403 - A2

REPLACE DOUBLE-T SYSTEM WITH FLAT SLAB



FOURTH FLOOR PLAN
1:100

TYP. FOR SLABS @ FLS 2-3-4-5-6

BOTTOM OF FLAT SLAB WHERE CONCEALED
FINISH: AS-CAST class C

NOTES:

1. FOURTH FLOOR TOP OF CONCRETE SLAB ELEV. AT +15240. FOR EAST AND WEST WING FLOOR SLAB THICKNESS AND JOIST PROFILE REFER TO SECTIONS AND DETAILS ON DWG. S-605. CENTER AREA FLOOR SLAB THICKNESS=254MM.
2. FOR SLAB REINF. NOT SHOWN ON THIS PLAN REFER TO DWG'S. S-102, S-103 .
3. REFER TO DWG. S-101 FOR ADDITIONAL NOTES.

US Army Corps of Engineers
New York District

Symbol	Description	Date	Approved
1	BID AMENDMENT #3	02/04/05	STV/AA
2	BID AMENDMENT #2	10/24/05	STV/AA

Designed by: M. Ali
Drawn by: J.M.
Reviewed by: E.R.
Submitted by: STV INCORPORATED
Date: DEC 20 2004
Drawing file no.:
Checked by: J.C.
Drawing code:
Plot date: XXXXXXX
Plot by: XXXXXXX
Scale: AS SHOWN
Size: 24x36
Rev.:

CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY
SUB CONSULTANT:

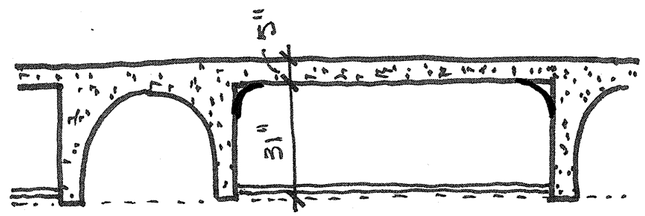
100% CONSTRUCTION DOCUMENTS
CONTRACT NO.: DACA 51-02-C-0018
TO-DO NO.: DEFERRED MAINT.
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

FOURTH FLOOR PLAN

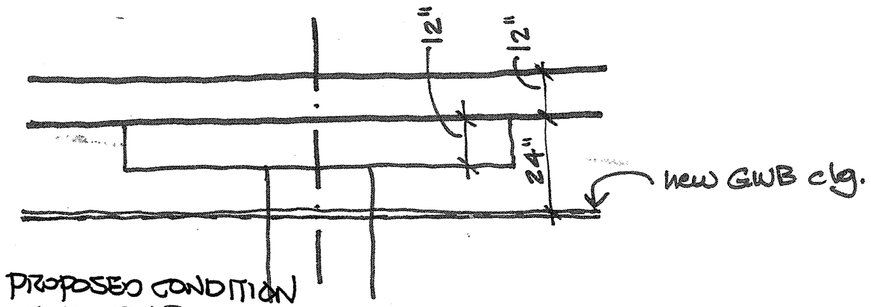
Sheet Reference Number:
S-104
sheet 7 of 37

4-21-05

S104 - A2



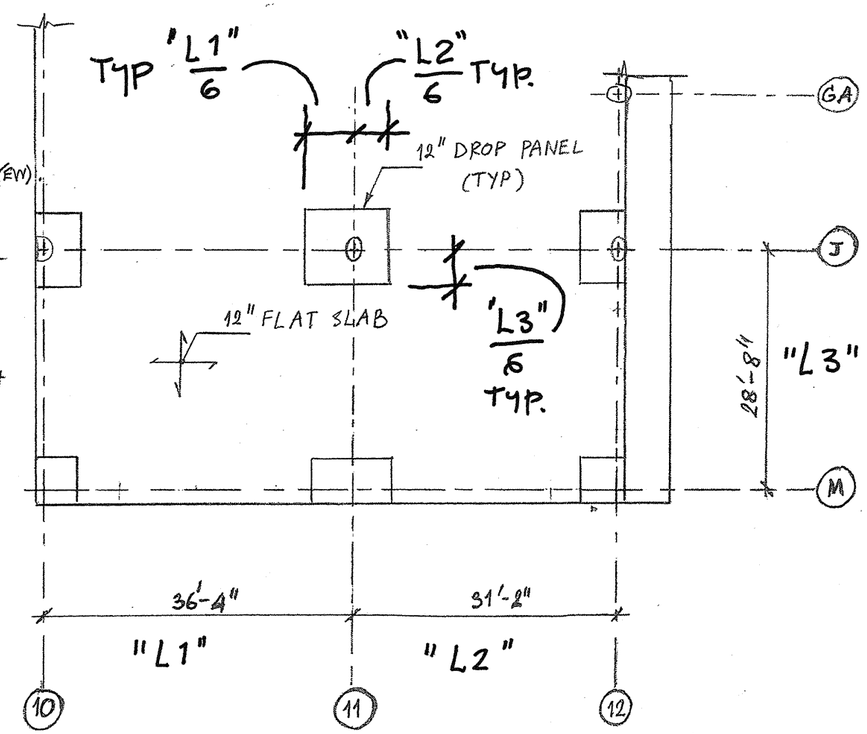
ORIGINAL CONDITION
DOUBLE-T



PROPOSED CONDITION
FLAT SLAB

Reinforcement = 3.70 psf (EW)
= (180 lb/cu.yd)

Concrete = 1.12 cu.ft/sq.ft
= 0.041 cu.yd/sq.ft



TYPICAL BAY FOR STACK AREA (300 PSF LIVE LOAD)

US Army Corps of Engineers
New York District

Symbol	Description	Date	Appr.
1	1ST AMENDMENT #3	03/24/05	STV/VA
2	2ND AMENDMENT #2	01/24/05	STV/VA

Date: DEC 29 2004
Size: N/A
Rev: NONE
Drawing file no.:
Drawing code:
File date:
Plot by:
Date:

Designed by:
Drawn by:
Checked by:
Reviewed by:
Submitted by: STV INCORPORATED

CONSULTANT:
STV INCORPORATED
228 PARK AVENUE SOUTH
NEW YORK, NY

SUB CONSULTANT:
HHPA
HARRY HOLLMAN PARTNERS ASSOCIATES
228 PARK AVENUE SOUTH
NEW YORK, NEW YORK 10010

File name: VPROJECTS\TEST\FOR\ARMORY\STRUCTURAL\CAD\SK1_ARCHIVED - 2.DWG, BY: VANESSA

100% CONSTRUCTION DOCUMENTS
CONTRACT NO. - DACA 51-02-C-0018
THOMAS JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

REPLACE DOUBLE-T W/FLAT SLAB/GWB

Sheet Reference Number:
sheet of

4.21.05

SK1 - A2

THOMAS JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

April 21, 2005
Contract No. DACA-51-02-C-0018
STV Incorporated
225 Park Avenue South
New York, NY 10003

Volume IV
Drawing No.: A-3

Option A-3
Eliminate West Point Room (and all user spaces at 6th floor)

Summary Description:
This option eliminates all user spaces at the 6th floor, which will become a new lower roof with two large penthouses for mechanical equipment. Stairs and elevators serving the 6th floor will be eliminated; one stair will connect to lower roof for access to new penthouses.

Architectural –
- Eliminate User Spaces. See Sheets: A-106-A3, A-107-A3, A-300-A3, A303-A3, A405-A3
- Eliminate secondary slab and lower central portion of primary slab. See Sheets: A-106-A3, A-300-A3, A-303-A3
- Reduce plenum height at part of 5th Floor. See Sheet A-405-A3
- Alter exterior elevations. See Sheets: A-200-A3, A-201-A3, A203-A3
- Provide exterior metal stairs to roofs of new penthouses. See Sheets: A-106-A3, A-107-A3
- Eliminate elevator and stair bulkheads. See Sheets: A-106-A3, A-107-A3, A-300-A3, A303-A3
- Relocate two large mechanical units to new lower roof. See Sheets: A-106-A3, A-107-A3, A-300-A3, A303-A3
- Assume same built-up roof system throughout.
- Reduce stair travel distance 18'.
- New exterior steel stairs to connect lower and upper roofs. See Sheets: A-106-A3, A-107-A3, A-300-A3, A303-A3

Civil – No net change

Structural – No net change.

Mechanical (HVAC) –
- Eliminate all services to user areas on 6th floor.
- Eliminate AHU-8 and RF-8.

Plumbing –
- Eliminate all services to user areas on 6th floor.

Fire Protection –
- Eliminate all services to user areas on 6th floor.
- No change to overall building service size.

Electrical –
- Eliminate all services and fixtures to user areas on 6th floor.
- No change in size of main service.

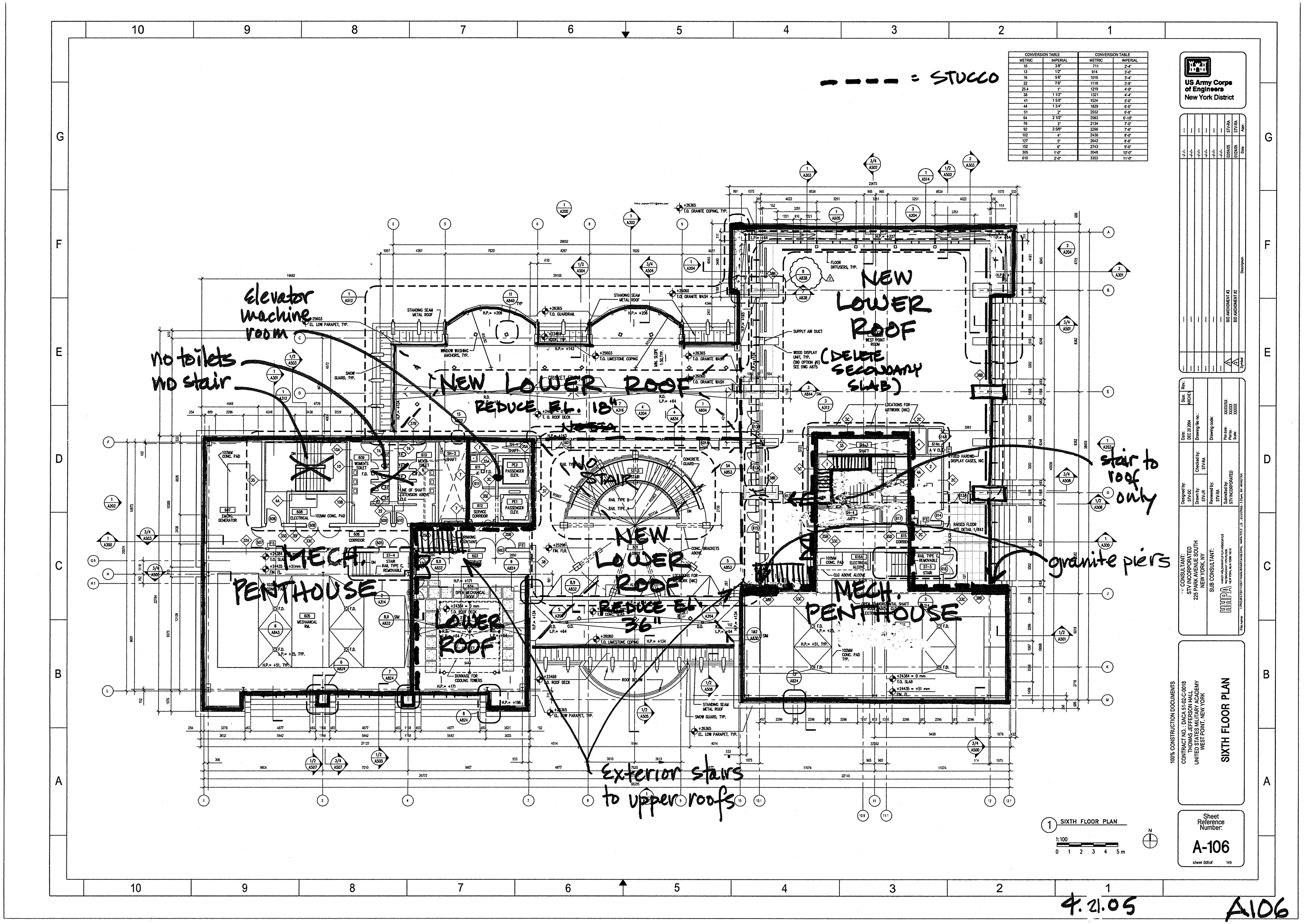
Network / Technology –
- Eliminate all services to user areas on 6th floor.

Elevator –
- Eliminate one stop.
- Reduce total travel distance by 18'.

Reference Drawings:

Drawing No.	Drawing Title	Replaces
A-106 – A-3	Sixth Floor Plan	A-106 (Vol. 1)
A-107 – A-3	Roof Plan	A-107 (Vol. 1)
A-200 – A-3	North Building Elevation	A-200 (Vol. 1)
A-201 – A-3	South Building Elevation	A-201 (Vol. 1)
A-203 – A-3	East Building Elevation	A-203 (Vol. 1)
A-300 – A-3	Longitudinal Section - 1	A-300 (Vol. 1)
A-303 – A-3	Transverse Section – 3	A-303 (Vol. 1)
A-405 – A-3	Fifth Floor Reflected Ceiling Plan	A-405 (Vol. 1)

Reference Specifications: None



4.21.05

A106 - A3

CONVERSION TABLE		CONVERSION TABLE	
METRIC	IMPERIAL	METRIC	IMPERIAL
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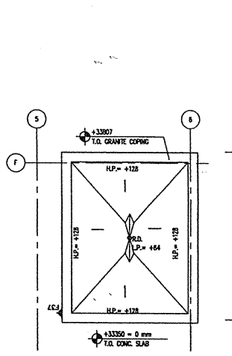
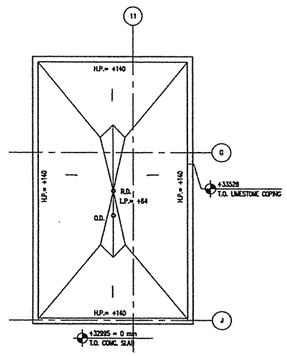
13	1/2"	914	3'-0"
16	5/8"	1015	3'-4"
22	7/8"	1118	3'-8"
25.4	1"	1219	4'-0"
38	1 1/2"	1321	4'-4"
41	1 5/8"	1524	5'-0"
44	1 3/4"	1829	6'-0"
51	2"	2032	6'-8"
64	2 1/2"	2083	6'-10"
76	3"	2134	7'-0"
92	3 5/8"	2286	7'-6"
102	4"	2438	8'-0"
127	5"	2642	8'-8"
152	6"	2743	9'-0"
305	1'-0"	3048	10'-0"
610	2'-0"	3353	11'-0"



2 WEST BULKHEAD ROOF PLAN



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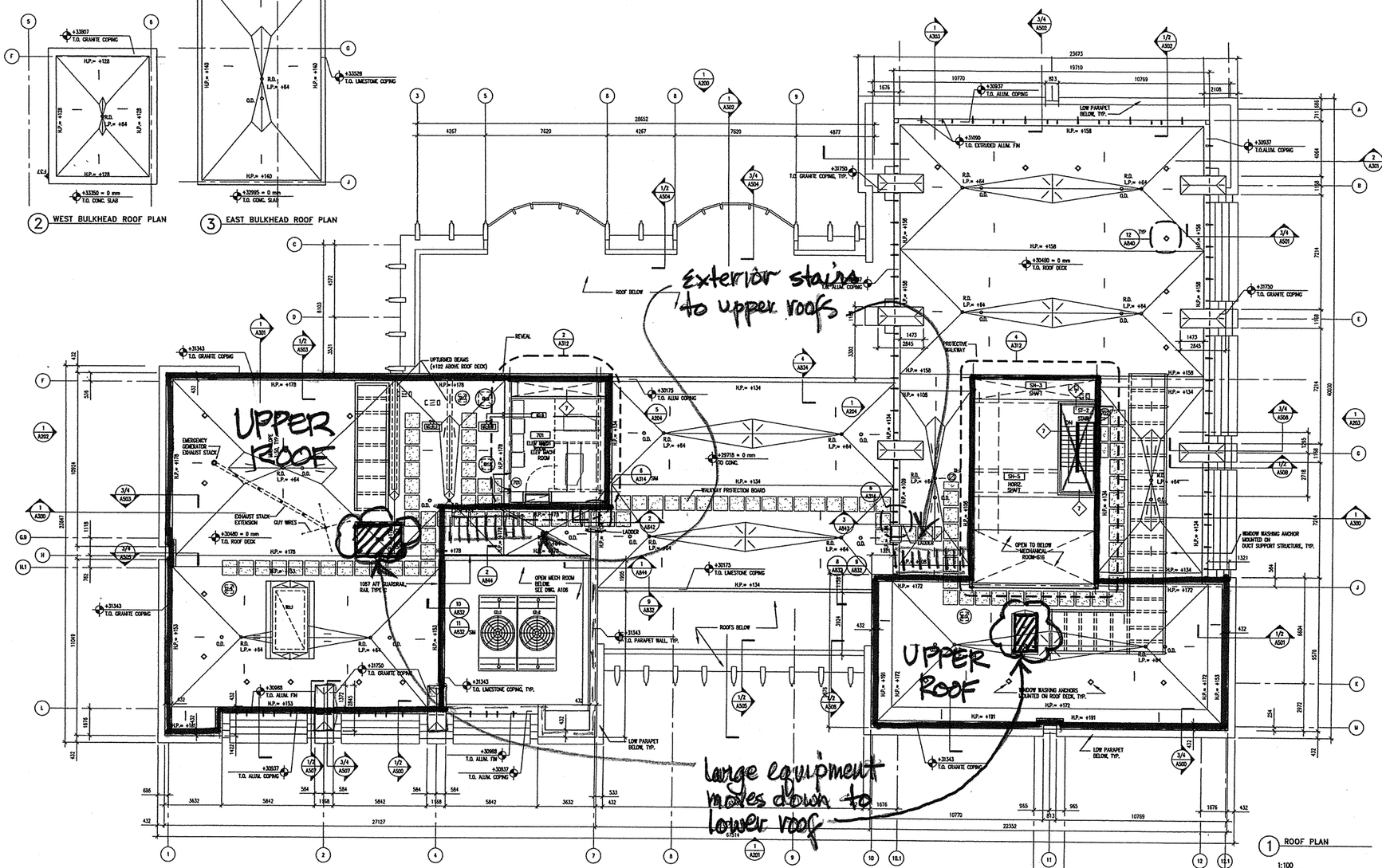


1 ROOF PLAN

1:100

0 1 2 3 4 5 m

N

US Army Corps of Engineers
New York District

Symbol	Description	Date	Appr.
A	BID MIDWEIGHT #3	10/24/05	STV-BL
B	BID MIDWEIGHT #2	10/24/05	STV-BL

Designed by: STV-DC
Drawn by: STV-JR
Reviewed by: STV-DC
Submitted by: STV INCORPORATED
Date: DEC 20 2004
Drawing file no.:
Checked by: STV-VA
Drawing code:
Plot date: XX/XX/XX
Plot by: XXXXX
Scale: XXXXX
Size: Rev.: VARIES

CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY
SUB CONSULTANT:

File name: V:\PROJECTS\11163\USARMY\WEST.DWG, LAYOUT1, 12/21/2005 - 1:50pm, BY: MMATTHE

100% CONSTRUCTION DOCUMENTS
CONTRACT NO.: DACA 51-02-C-0018
THOMAS JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

ROOF PLAN

Sheet Reference Number:
A-107
sheet 009 of 149

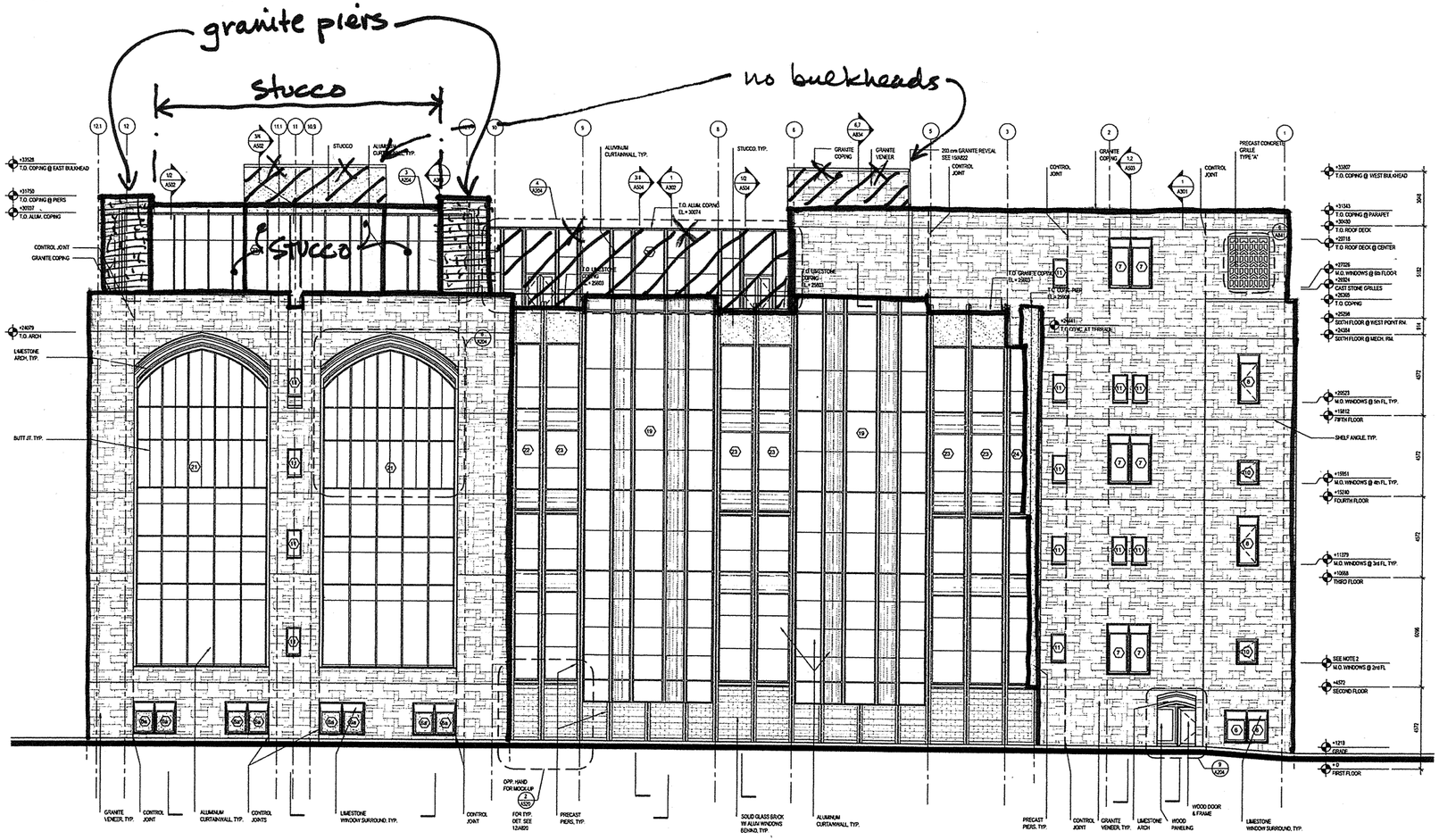
4. 21.05

A107 - A3

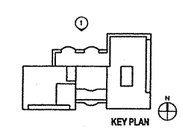
NOTE:

1. FOR WINDOW TYPES AND INFORMATION, SEE A-205 THRU A-207.
2. M.O. FOR WINDOWS @ 2nd FL. +5283 (+17'-4")
   EXCEPT FOR WINDOW TYPES 10 & 11 + 5803 (+19'-4")
   AND FOR WINDOW TYPE 9 + 6311 (+22'-8")
   M.O. FOR ALL OTHER WINDOWS: +721 AFF, U.O.N.
3. FOR TYPICAL GRANITE COURSING SEE 15/A-204.
4. LIMESTONE WINDOW SURROUNDS INCLUDED UNDER BID OPTION #1.
   FOR BASE BID DETAILS SEE A845
   REFER TO BID OPTION NOTES, A000

CONVERSION TABLE		CONVERSION TABLE	
METRIC	IMPERIAL	METRIC	IMPERIAL
10	3/8"	711	2'-4"
13	1/2"	914	3'-0"
16	5/8"	1016	3'-4"
22	7/8"	1118	3'-8"
25.4	1"	1219	4'-0"
38	1 1/2"	1321	4'-4"
41	1 5/8"	1524	5'-0"
44	1 3/4"	1829	6'-0"
51	2"	2032	6'-8"
64	2 1/2"	2083	6'-10"
76	3"	2134	7'-0"
92	3 5/8"	2286	7'-6"
102	4"	2438	8'-0"
127	5"	2642	8'-8"
152	6"	2743	9'-0"
305	1'-0"	3048	10'-0"
610	2'-0"	3353	11'-0"



1 NORTH BUILDING ELEVATION
1:100
0 1 2 3 4 5 m



KEY PLAN

US Army Corps of Engineers
New York District

Symbol	Description	Date	Appr.
1	BID MODIFICATION #3	03/04/05	STV/EA
2	BID MODIFICATION #2	01/04/05	STV/EA

Date: DEC 20 2004 | Size: 36X48 | Rev:
Drawing file no.:
Drawing code:
Plot date: XX/XX/XX
Plot by: XXXXX
Scale: XXXXX

Designed by: STV-DC
Drawn by: STV-DC
Checked by: STV-PA
Reviewed by: STC-PA
Submitted by: STV INCORPORATED

CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY
SUB CONSULTANT:
HDPA
HARRY DOWNEY PARTNERS ARCHITECTS
100 BROADWAY 17TH FLOOR
NEW YORK, NEW YORK 10005

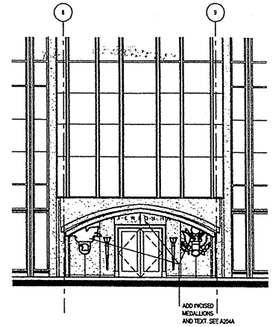
File name: 17PROJECTS\17-01-01\GRAPHICS\DWG_FILES\C_STV\200N 3.DWG, By: AHUERTA

100% CONSTRUCTION DOCUMENTS
CONTRACT NO.: DACA 51-02-C-0018
THOMAS JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

NORTH BUILDING ELEVATION

Sheet Reference Number:
A-200
sheet 610of 149

4.21.05 A200 - A3



2 ELEVATION DETAIL (BID OPTION NO. 19)

1:100

0 1 2 3 4 5 m

NOTE:

1. FOR WINDOW TYPES AND INFORMATION, SEE A-205 THRU A-207.
2. M.O. FOR WINDOWS @ 2nd FL: +5283 (+17'-4")
   EXCEPT FOR WINDOW TYPES 10 & 11: +5893 (+19'-4")
   AND FOR WINDOW TYPE 9: +5311 (+20'-0")
   M.O. FOR ALL OTHER WINDOWS: +723 AFF, U.O.N.
3. FOR TYPICAL GRANITE COURSING SEE 15/A-204.
4. LIMESTONE WINDOW SURROUNDS INCLUDED UNDER BID OPTION #1.
   FOR BASE BID DETAILS SEE A845.
   REFER TO BID OPTION NOTES, A000

CONVERSION TABLE		CONVERSION TABLE	
METRIC	IMPERIAL	METRIC	IMPERIAL
10	3/8"	711	2'-4"
13	1/2"	914	3'-0"
16	5/8"	1016	3'-4"
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25.4	1"	1219	4'-0"
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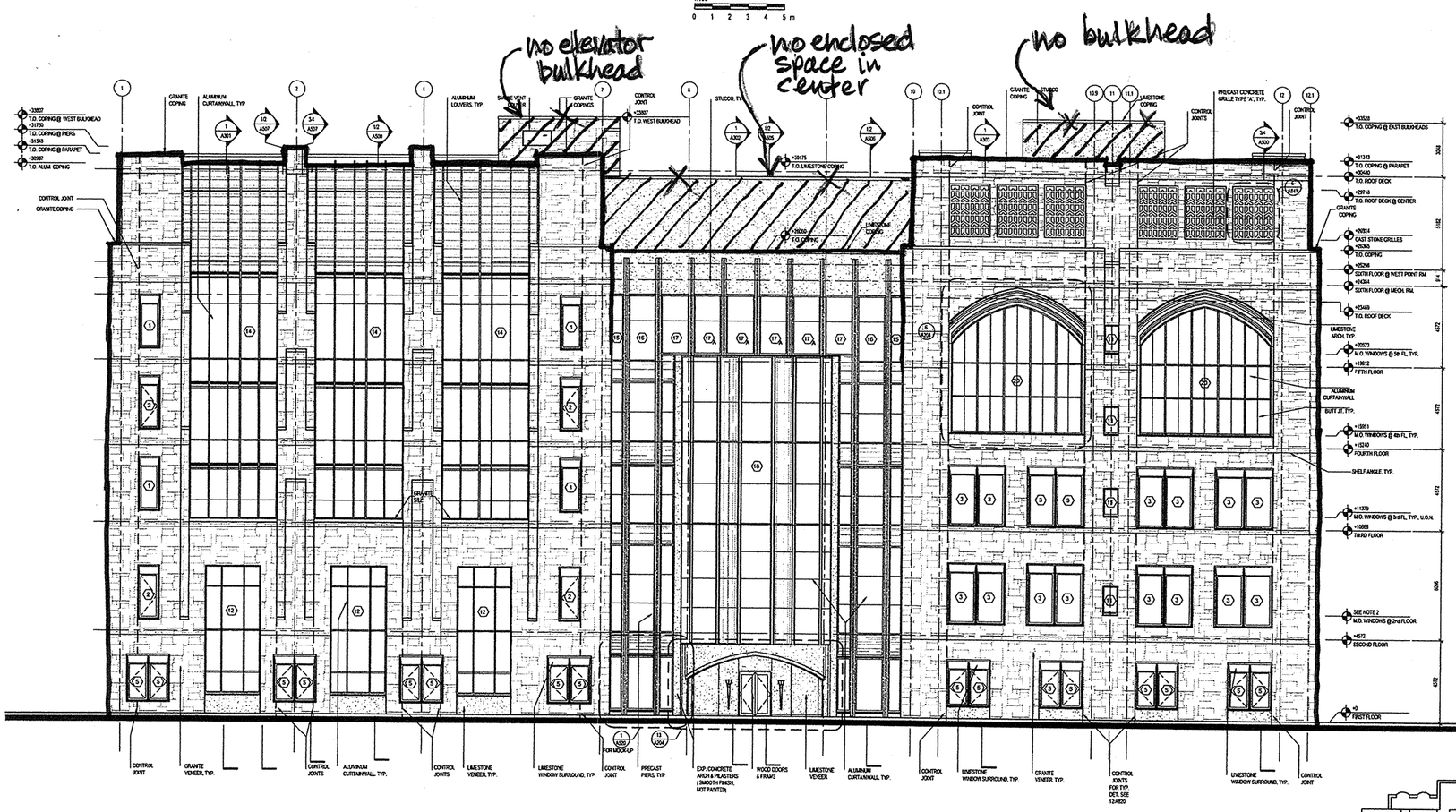
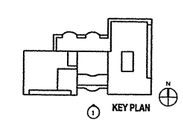
44	1 3/4"	1829	6'-0"
51	2"	2032	6'-8"
64	2 1/2"	2083	6'-10"
76	3"	2134	7'-0"
92	3 5/8"	2286	7'-6"
102	4"	2438	8'-0"
127	5"	2642	8'-8"
152	6"	2743	9'-0"
305	1'-0"	3048	10'-0"
610	2'-0"	3353	11'-0"



1 SOUTH BUILDING ELEVATION

1:100

0 1 2 3 4 5 m



1 KEY PLAN

US Army Corps of Engineers
New York District

Symbol	Description	Date	App
1	BID AMENDMENT #3	02/04/05	STV/VA
2	BID AMENDMENT #2	01/21/05	STV/VA

Date: DEC 23 2004 | Size: 24x36 | Rev:

Designed by: STV/VA | Drawn by: STV/VA | Checked by: STV/VA | Reviewed by: STV/VA | Submitted by: STV INCORPORATED

Drawing file no.:

Drawing code:

Plot date: XXXXXXX
Plot time: XXXXX
Scale: XXXXX

CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY

SUB CONSULTANT:
HAPA
HARDY HOLZMAN PFEIFFER ASSOCIATES
ARCHITECTURE + PLANNING
DPC ENGINEERS + PLANNERS

File name: T:\PROJECTS\11100\SUBMISSIONS_FEB_2005_02\05000_T-SAA_STV_A201.DWG

100% CONSTRUCTION DOCUMENTS

CONTRACT NO.: DACA 51-02-C-0018
NEW CADET ACADEMY FACILITY
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

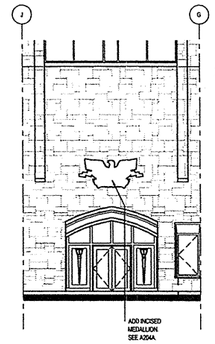
SOUTH BUILDING ELEVATION

Sheet Reference Number:

A-201

sheet 01of 143

4.21.05 A201 - A3



2 ELEVATION DETAIL (BID OPTION NO. 19)

1:100

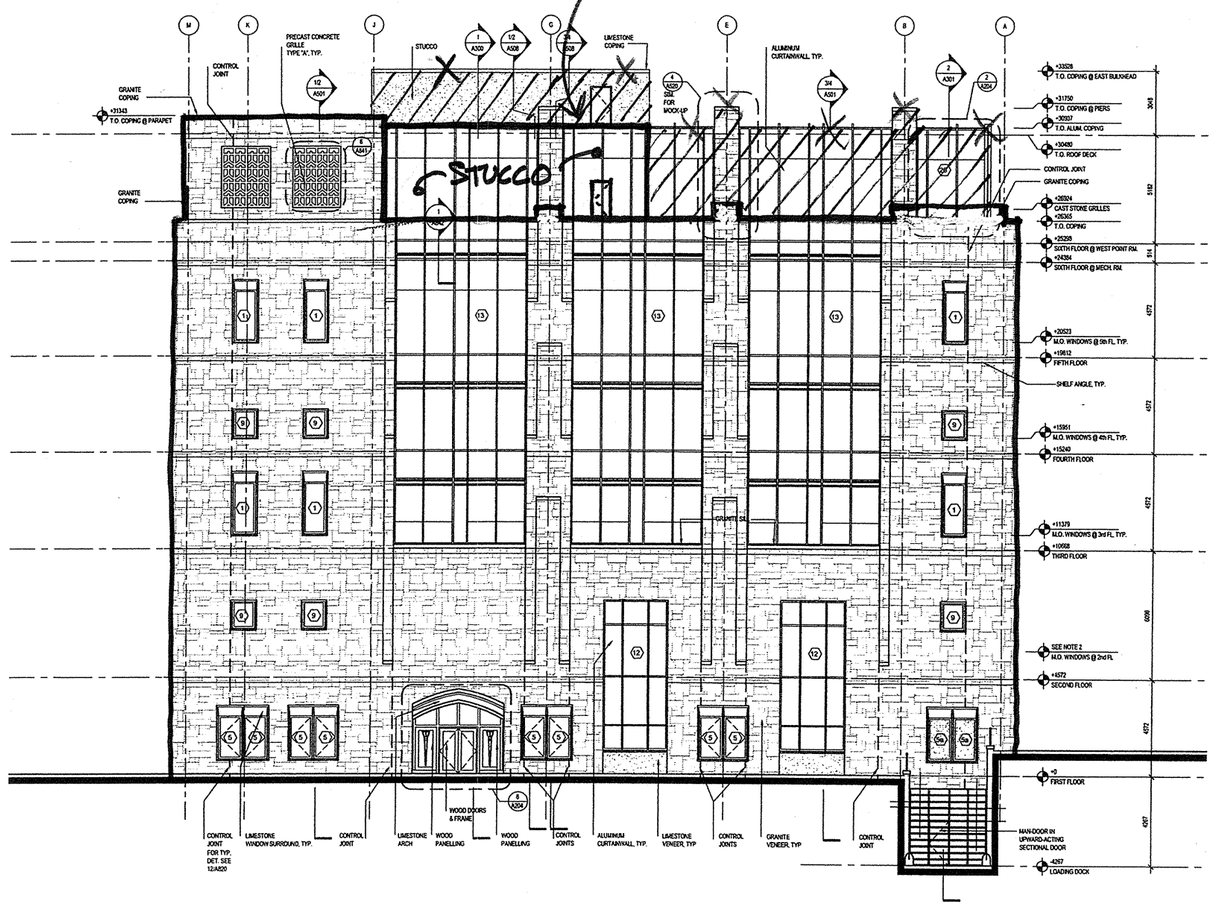
0 1 2 3 4 5 m

NOTE

1. FOR WINDOW TYPES AND INFORMATION, SEE A-205 THRU A-207
2. M.O. FOR WINDOWS @ 2nd FL: +5283 (+17'-4") EXCEPT FOR WINDOW TYPES 10 & 11: +5693 (+19'-4") AND FOR WINDOW TYPE 9: +6911 (+22'-8") M.O. FOR ALL OTHER WINDOWS: +721 AFF, U.O.N.
3. FOR TYPICAL GRANITE COURSING SEE 15/A-204.
4. LIMESTONE WINDOW SURROUNDS INCLUDED UNDER BID OPTION #1. FOR BASE BID DETAILS SEE A845. REFER TO BID OPTION NOTES, A000.

CONVERSION TABLE		CONVERSION TABLE	
METRIC	IMPERIAL	METRIC	IMPERIAL
10	3/8"	711	2'-4"
13	1/2"	914	3'-0"
16	5/8"	1015	3'-4"
22	7/8"	1118	3'-8"
25.4	1"	1219	4'-0"
38	1 1/2"	1321	4'-4"
41	1 5/8"	1524	5'-0"
44	1 3/4"	1829	6'-0"
51	2"	2032	6'-8"
64	2 1/2"	2083	6'-10"
76	3"	2134	7'-0"
92	3 5/8"	2286	7'-6"
102	4"	2438	8'-0"
127	5"	2642	8'-8"
152	6"	2743	9'-0"
305	1'-0"	3048	10'-0"
610	2'-0"	3353	11'-0"

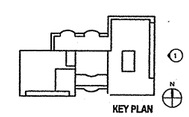
penthouse lower



1 EAST BUILDING ELEVATION

1:100

0 1 2 3 4 5 m



KEY PLAN

US Army Corps of Engineers
New York District

Symbol	Description	Date	Appr.
1	BID AMENDMENT #3	02/04/05	STV/RA
2	BID AMENDMENT #2	01/04/05	STV/RA

Designed by: STV/LJL
Checked by: STV/RA
Drawing by: STV/LJL
Reviewed by: STV/RA
Submitted by: STV INCORPORATED
Date: DEC.20.2004
Scale: NOTED
Rev.:
Drawing file no.:
Drawing code:
Plot case: XX/XX/XX
Plot by: XXXXX
Plot date: XXXXX

CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY

SUB CONSULTANT:
HHPA

100% CONSTRUCTION DOCUMENTS

CONTRACT NO.: DACA 51-02-C-0018
TITLE: JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

EAST BUILDING ELEVATION

Sheet Reference Number:
A-203

sheet 013 of 149

4.21.05

A203 - A3

CONVERSION TABLE		CONVERSION TABLE	
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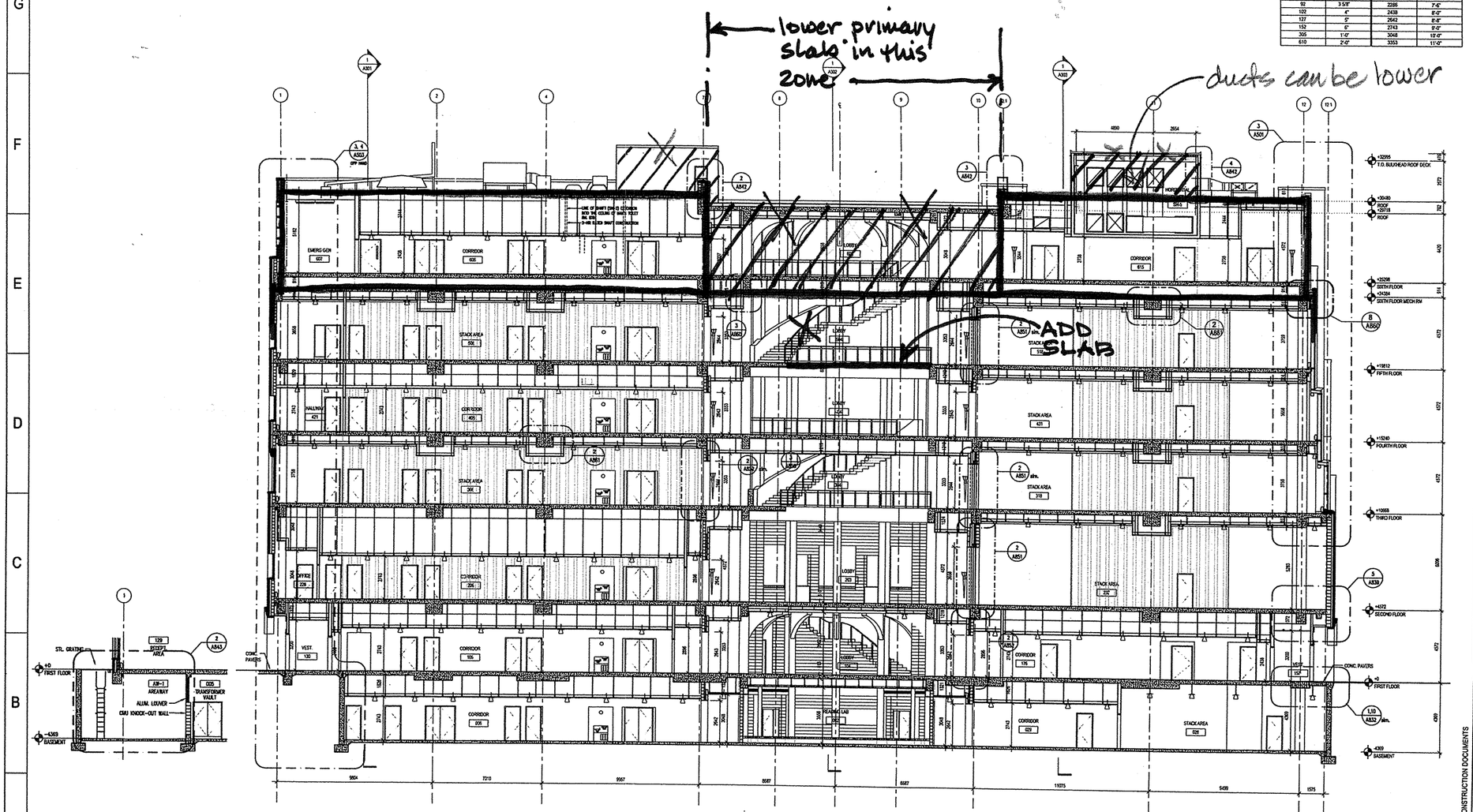
13	1/2"	914	3'-0"
16	5/8"	1016	3'-4"
22	7/8"	1118	3'-8"
25.4	1"	1219	4'-0"
38	1 1/2"	1321	4'-4"
41	1 5/8"	1524	5'-0"
44	1 3/4"	1829	6'-0"
51	2"	2032	6'-8"
64	2 1/2"	2083	6'-10"
76	3"	2134	7'-0"
92	3 5/8"	2286	7'-6"
102	4"	2438	8'-0"
127	5"	2642	8'-8"
152	6"	2743	9'-0"
305	1'-0"	3048	10'-0"
610	2'-0"	3353	11'-0"



2 LONGITUDINAL BUILDING SECTION AT AREAWAY
1:100
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1 LONGITUDINAL BUILDING SECTION WEST
1:100
0 1 2 3 4 5 m

US Army Corps of Engineers
New York District

Symbol	Description	Date	Appr.
1	BID AMENDMENT #3	03/04/05	STV/FA
2	BID AMENDMENT #2	01/04/05	STV/FA

Date: DEC 20 2004
Size: ARCH E
Rev.:
Drawing file no.:
Drawing code:
Pro.ceat: XXXXXX
Project: XXXXX
Scale: XXXXX
Designed by: STV-LC
Drawn by: STV-LK
Checked by: STV-RI
Reviewed by: STV-EX
Submitted by: STV INCORPORATED

CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY
SUB CONSULTANT:
HKPA
HARRY KLEIN PETERSEN ASSOCIATES
ARCHITECTURE STRUCTURE
MECHANICAL ELECTRICAL
P:\ACAD\PROJECTS\STI\CADD\DRAWINGS\C_PARK FILE C\B_A300\A300 - 3.DWG, BY: JAMESTER

100% CONSTRUCTION DOCUMENTS
CONTRACT NO.: DACA 51-02-C-0018
TRIENNIAL REPOSITORY ALTERATIONS
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

LONGITUDINAL BUILDING SECTION -1

Sheet Reference Number:
A-300
sheet 020of 149

4.21.05 A300 - A3

CONVERSION TABLE		CONVERSION TABLE	
METRIC	IMPERIAL	METRIC	IMPERIAL
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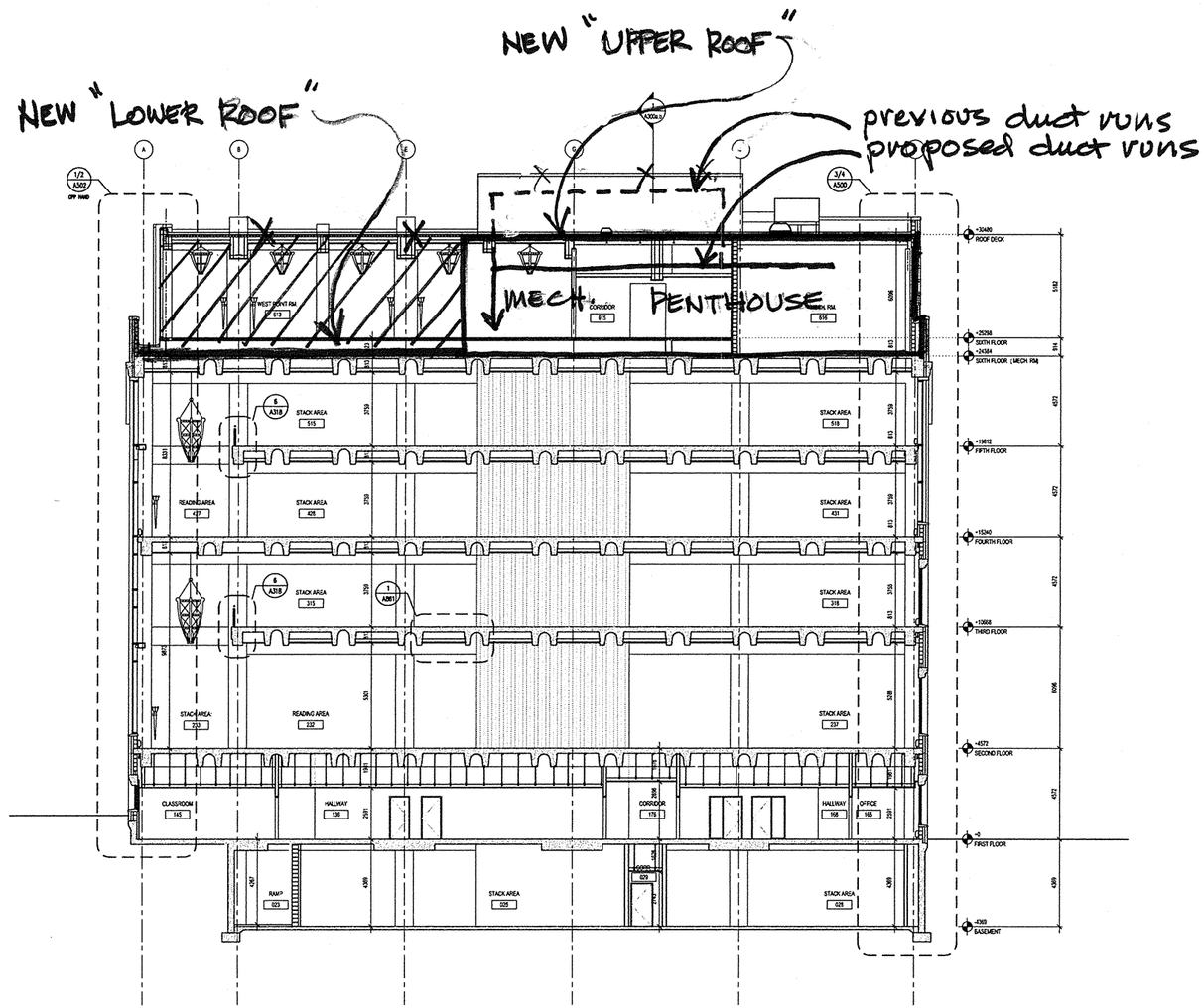
13	1/2"	914	3'-0"
16	5/8"	1016	3'-4"
22	7/8"	1118	3'-8"
25.4	1"	1219	4'-0"
38	1 1/2"	1321	4'-4"
41	1 5/8"	1524	5'-0"
44	1 3/4"	1829	6'-0"
51	2"	2032	6'-8"
64	2 1/2"	2083	6'-10"
76	3"	2134	7'-0"
92	3 5/8"	2286	7'-6"
102	4"	2438	8'-0"
127	5"	2642	8'-8"
152	6"	2743	9'-0"
305	1'-0"	3048	10'-0"
610	2'-0"	3353	11'-0"



1 TRANSVERSE BUILDING SECTION
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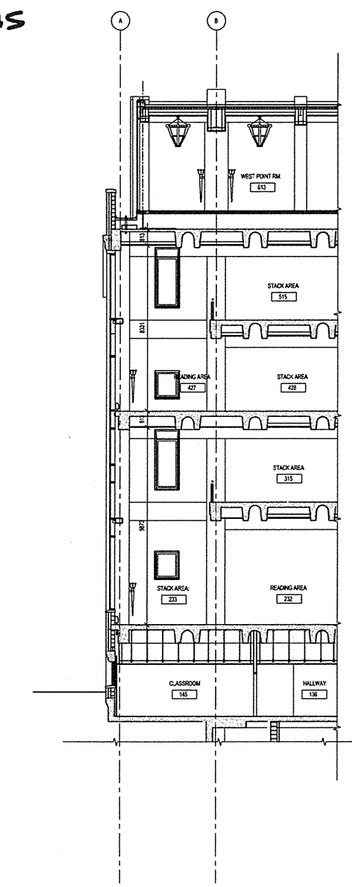

2 SECTION READING AREAS
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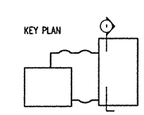

US Army Corps of Engineers
New York District

Symbol	Description	Date	App
1	BID AMENDMENT #3	02/04/05	STV/EA
2	BID AMENDMENT #2	12/21/05	STV/EA

Designed by: STV/DC
Drawn by: STV/LJK
Reviewed by: STV/EK
Submitted by: STV/ARCHITECTS
Checked by: STV/EK
Date: DEC 20 2004
Drawing file no.:
Drawing code:
Plot date: XXXXXXX
Plot by: XXXXXX
Scale: XXXXX
Rev.:

CONSULTANT:
STV INCORPORATED
225 PARK AVENUE SOUTH
NEW YORK, NY

SUB CONSULTANT:
HIMPA
HARDY HOLZMAN PFEIFFER ASSOCIATES
WEIDLINGER ASSOCIATES
MAZZA & ASSOCIATES

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100% CONSTRUCTION DOCUMENTS
CONTRACT NO.: DACA 51-02-C-0018
TOWNS JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

TRANSVERSE BUILDING SECTION -3

Sheet Reference Number:
A-303

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RCP GENERAL NOTES

1. ALL FIXTURES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
2. 2X2 CLG. GRID PATTERN SHOWS EXTENT OF NEW LAY-IN ACT IN EXPOSED "TEE" GRID UNLESS OTHER WISE NOTED.
3. ALL CLG. ELEMENTS (DIFFUSERS, SPRINKLER HEADS, SMOKE & HEAT DETECTORS, EXIT LIGHTS, ETC.) ARE TO BE CENTERED IN TILES UNLESS OTHERWISE NOTED. SEE M.E.P. DRAWINGS FOR CONNECTIONS AND OTHER INFORMATION.
4. CLG. GRID TO BE CENTERED WITHIN ROOM, WITH CENTER POINT OF ROOM AT CENTER OF A TILE, UNLESS OTHERWISE NOTED.
5. NO PIPING OR DUCTWORK IS TO BE EXPOSED IN OCCUPIED AREAS.
6. SEE A-860 AND A-861 FOR TYPICAL CEILING DETAILS
7. FOR ANCHORAGE OF PROJECTORS SEE DWG 3/E451

CEILING KEY

A 2743 — HEIGHT A.F.F.
— CEILING TYPE

CEILING TYPES

A	16mm OSB, STAINED, W/ REMOVABLE ACT-1 PANELS
B	GWB
C	ACT 2 : 2X2 LAY-IN
D	ACT 3 : 2X4 STAGGERED
E	GWB 1-HR.
F	GWB. 2-HR
G	EXPOSED STRUCTURE
H	NOT USED
K	EXTERIOR STUCCO FINISH
L	ACT 4 : TECTUM PANELS W/ 76mm ACOUST. BATTS ABOVE
M	OSB, STAINED
N	FABRIC-WRAPPED ACOUSTICAL PANELS FWP-1

CEILING LEGEND

RECESSED 2X2 TROFFER
RECESSED 1X4 TROFFER
DIRECT/INDIRECT LINEAR PENDANT
LINEAR UPLIGHT SCONCE
UNDERCABINET TASK LIGHTING
DISPLAY CABINET LIGHTING
INDUSTRIAL STRIP LIGHT
EXIT SIGN
CHANDELIER
FLUORESCENT PENDANT
WALL SCONCE
RECESSED DOWNLIGHT
SURFACE MOUNTED DOWNLIGHT
WALLWASHER
STEP-LIGHT
SURFACE-MTD METAL HALIDE FLOOD LIGHT
SURFACE-MTD METAL HALIDE DOWNLIGHT
DIFFUSERS
LINEAR DIFFUSER
PROJECTOR, N.I.C. (M = MOTORIZED LIFT)
SPEAKER
SPRINKLER HEAD / FM200 NOZZLE
SMOKE SENSOR / HEAT SENSOR
PROJECTION SCREEN (SCREENS N.I.C.: SEE NOTE 10 / A000)

SHADE LEGEND

(SHADES N.I.C.: SEE NOTE 11 / A000)

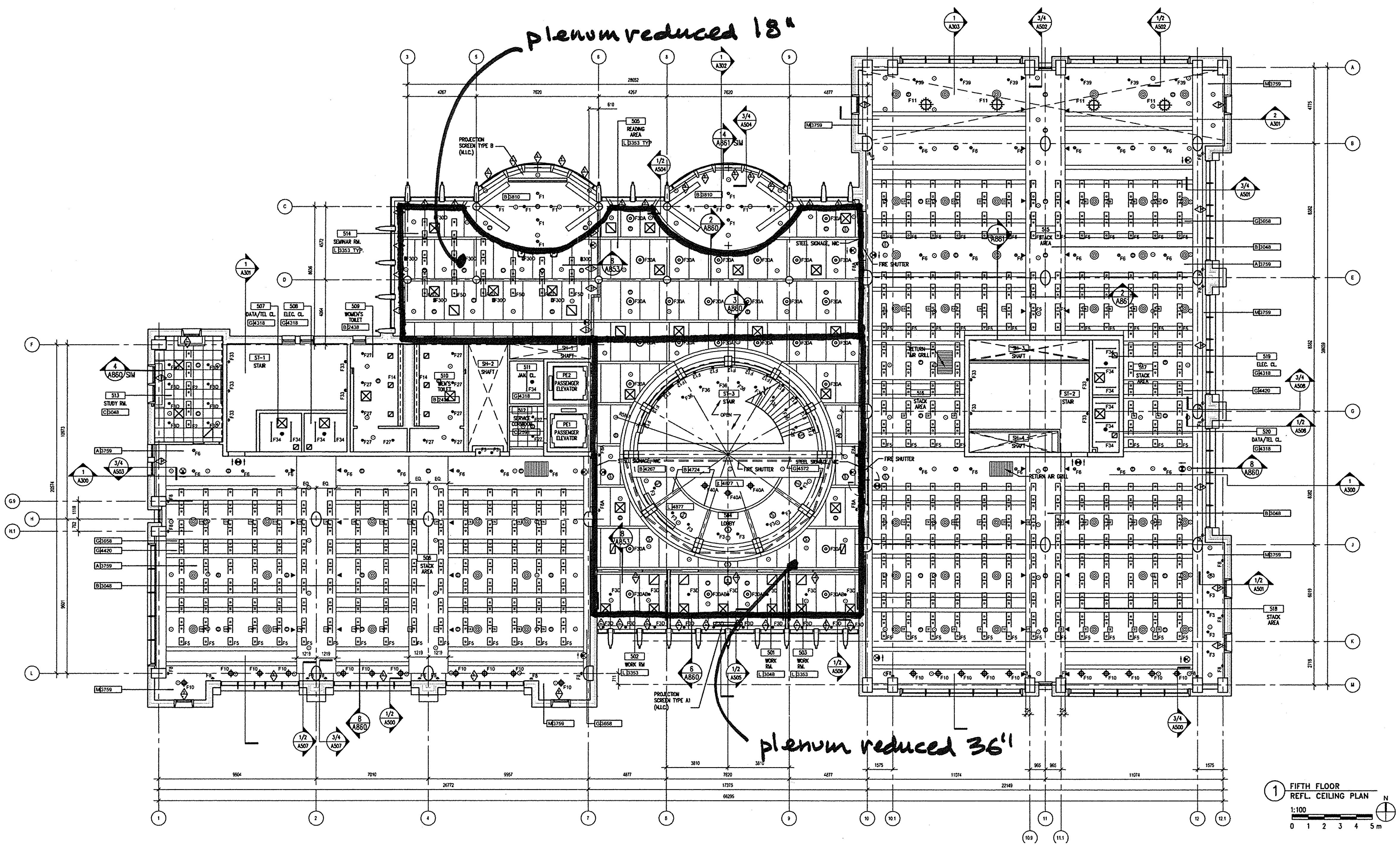
— SHADE TYPE
— SILL TYPE

SHADE DESIGNATIONS:

SHADE "A"	MANUAL PULLDOWN SUNSHADE
SHADE "B"	MOTORIZED SUNSHADE
SHADE "C"	MANUAL BLACKOUT SHADE & SUNSHADE
SHADE "D"	MANUAL BLACKOUT SHADE
SHADE "E"	MOTORIZED BLACKOUT SHADE & SUNSHADE
SHADE "_F"	WITH VALANCE
SHADE "_G"	WITH CORNER CONDITION

CONVERSION TABLE		CONVERSION TABLE	
METRIC	IMPERIAL	METRIC	IMPERIAL
10	3/8"	711	2'-4"
13	1/2"	914	3'-0"
16	5/8"	1016	3'-4"
22	7/8"	1118	3'-8"
25.4	1"	1219	4'-0"
38	1 1/2"	1321	4'-4"
41	1 5/8"	1524	5'-0"
44	1 3/4"	1829	6'-0"
51	2"	2032	6'-8"
64	2 1/2"	2083	6'-10"
76	3"	2134	7'-0"
92	3 5/8"	2286	7'-6"
102	4"	2438	8'-0"
127	5"	2642	8'-8"
152	6"	2743	9'-0"
305	1'-0"	3048	10'-0"
610	2'-0"	3353	11'-0"

NOTE:
ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE NOTED.



US Army Corps of Engineers
New York District

Symbol	Description	Date	Appr.
3	BID AMENDMENT #3	02/04/05	STV-RA
2	BID AMENDMENT #2	01/24/05	STV-RA

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Drawn by: STV-JR | Checked by: STV-RA | Drawing file no.:
Reviewed by: STV-RA | Drawing code:
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100% CONSTRUCTION DOCUMENTS
CONTRACT NO.: DACA 51-02-C-0018
THOMAS JEFFERSON HALL
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK

FIFTH FLOOR REFLECTED CEILING PLAN

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A-405
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