



# NAVAL FACILITIES ENGINEERING COMMAND

## NAVFAC WASHINGTON

CONTRACT # N62470-09-D-9044 FY-13

CONTRACT DRAWINGS FOR:

### WALTER REED NATIONAL MILITARY MEDICAL CENTER (WRNMMC)

# P114 MEDICAL CENTER ADDITION/ ALTERATION

## PACKAGE 5 - SUPPORTING DOCUMENTS

## VOLUME 5.02 (EXTERIOR ARCHITECTURE)

### WRNMMC BETHESDA, MARYLAND

### 100% SUBMISSION

### 09/23/2016



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### HINMAN CONSULTING ENGINEERS

1800 DIAGONAL ROAD, SUITE 525, ALEXANDRIA, VIRGINIA 22314 | P: (703)416-6780



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STRUCTURAL	GEOTECHNICAL		
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PDF FILE: <input type="checkbox"/> OF <input type="checkbox"/>			

100% RESUBMISSION	09/23/16	
100% SUBMISSION	06/17/16	
65% SUBMISSION	11/06/15	
20% SUBMISSION	05/29/13	
SYM	DESCRIPTION	DATE



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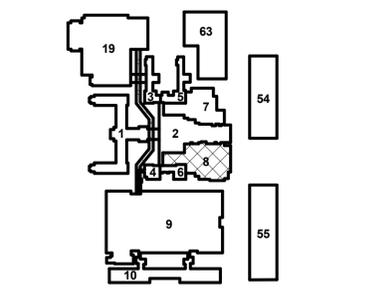
**HDR**  
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APPROVED	FOR COMMANDER NAVFAC				
ACTIVITY	N/A				
SATISFACTORY TO DATE	N/A				
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PMCM	ROBSON/NOURI				
BRANCH MANAGER	N/A				
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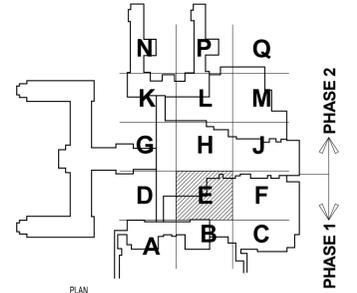
DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND  
NAVFAC WASHINGTON  
NAVFAC Bethesda, MD  
BETHESDA, MD  
P114 MEDICAL CENTER ADDITION / ALTERATION  
GENERAL - COVER SHEET

SCALE	
PROJECT NO.	1171746
CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	
SHEET	OF 0
<b>G-005</b>	

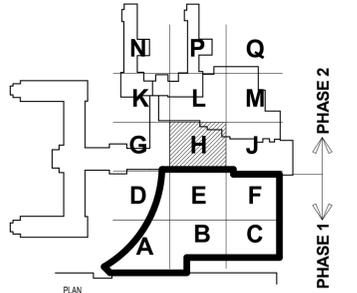
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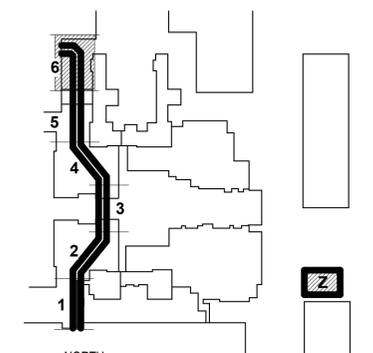
**KEYPLAN DEMOLITION KEYPLAN**  
 • EXISTING BUILDING KEYPLAN USED FOR DEMOLITION  
 • VARIABLE PLAN SCALES  
 • EXISTING BUILDING 8 AREA INDICATED IN EXAMPLE



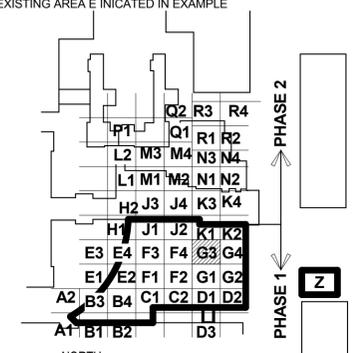
**KEY PLAN BLDG C, PHASE 1 DEMOLITION KEYPLAN**  
 • EXISTING BUILDING KEYPLAN USED FOR DEMOLITION  
 • PHASE 1B- MEP SYSTEM MODIFICATIONS (AREAS H&J) - 1/8"=1'-0" SCALE (SEE VOLUME 1.00 OF PACKAGE 1)  
 • PLAN SCALE: 1/8" = 1'-0"  
 • EXISTING AREA E INDICATED IN EXAMPLE



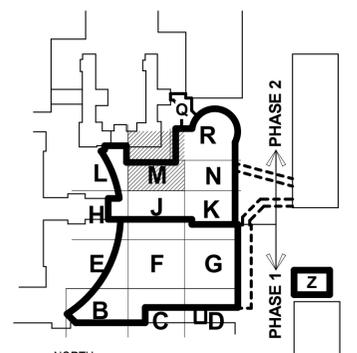
**KEY PLAN BLDG C, PHASE 2 DEMOLITION KEYPLAN**  
 • EXISTING BUILDING KEYPLAN USED FOR DEMOLITION  
 • PLAN SCALE: 1/8" = 1'-0"  
 • EXISTING AREA H INDICATED IN EXAMPLE



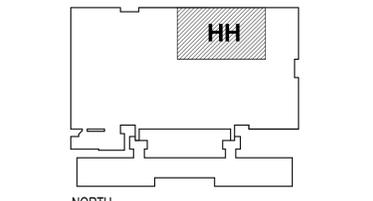
**PHASES 1A,B,&C - PRELIMINARY SERVICES KEYPLAN**  
 • SEE VOLUME 1.00 OF PACKAGE 1  
 • PHASE 1A- PEDESTRIAN CONNECTOR (SEGMENTS 1-6) - 1/4"=1'-0" SCALE  
 • PHASE 1B- GENERATOR (AREA W) - 1/4"=1'-0" SCALE  
 • PHASE 1C- BASE COMMUNICATIONS CENTER (AREA Z) - 1/8"=1'-0" SCALE



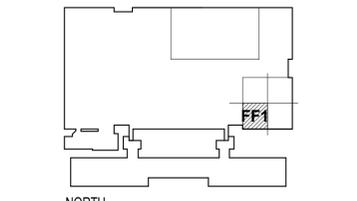
**KEY PLAN BLDG C, PHASE 1 KEYPLAN**  
 • BUILDING C KEYPLAN USED FOR NEW CONSTRUCTION  
 • 1/4" SCALE AREA G3 INDICATED IN EXAMPLE



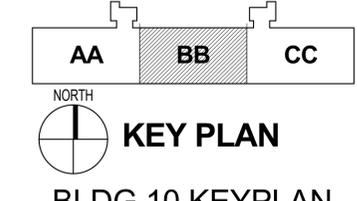
**KEY PLAN BLDG C, PHASE 2 KEYPLAN**  
 • BUILDING C KEYPLAN USED FOR NEW CONSTRUCTION  
 • 1/8" SCALE AREA M INDICATED IN EXAMPLE



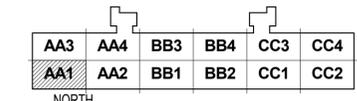
**KEY PLAN BLDG 9 KEYPLAN**  
 • BUILDING 9 KEYPLAN USED FOR RENOVATION WORK  
 • 1/8" SCALE AREA HH INDICATED IN EXAMPLE



**KEY PLAN BLDG 9 KEYPLAN**  
 • BUILDING 9 KEYPLAN USED FOR RENOVATION WORK  
 • 1/4" SCALE AREA FF1 INDICATED IN EXAMPLE



**KEY PLAN BLDG 10 KEYPLAN**  
 • BUILDING 10 KEYPLAN USED FOR RENOVATION WORK  
 • 1/8" SCALE AREA BB INDICATED IN EXAMPLE



**KEY PLAN BLDG 10 KEYPLAN**  
 • BUILDING 10 KEYPLAN USED FOR RENOVATION WORK  
 • 1/4" SCALE AREA AA INDICATED IN EXAMPLE

**PACKAGE DESCRIPTIONS**

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    - PHASING DIAGRAMS
    - PACKAGE INDICES
    - GENERAL ABBREVIATIONS AND LEGENDS
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    - PHASE 1B - EMERGENCY GENERATOR AND MEP SYSTEMS
    - PHASE 1C - BASE COMMUNICATIONS CENTER
    - PHASE 1 - BUILDING C, PHASE 1
  - PACKAGE 2 - BUILDING C, PHASE 2**
    - PHASE 2A - ENABLING
    - PHASE 2 - BUILDING C, PHASE 2
    - PHASE 2B - POST PHASE RESTORATION
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  - PACKAGE 4 - BUILDING 10**
  - PACKAGE 5 - SUPPORTING DRAWINGS**
    - COMMON AND PACKAGE SPECIFIC DETAILS, SECTIONS, ELEVATIONS, ENLARGED PLANS, ELEVATIONS, DIAGRAMS, SCHEDULES, AND OTHER SUPPORTING DRAWINGS
- (NOT FOR CONSTRUCTION DRAWINGS)
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    - RENDERINGS AND DESIGN DIAGRAMS
  - PACKAGE CID - COMPREHENSIVE INTERIOR DESIGN**
    - FUTURE FLOOR PLANS
  - PACKAGE WC - WORLD CLASS STRATEGIES**
  - DRAWING APPENDIX**
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**VOLUME DESCRIPTIONS**

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 - ENABLING DRAWINGS  
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 VOLUME 1.02A (ARCH EXTERIOR)  
 VOLUME 1.02B (ARCH INTERIOR)  
 VOLUME 1.02C (ARCH INTERIOR)  
 VOLUME 1.02D (WAYFINDING)  
 VOLUME 1.02E (INTERIOR DESIGN)  
 VOLUME 1.03 (EQUIPMENT)  
 VOLUME 1.04A (FIRE PROTECTION)  
 VOLUME 1.04B (FIRE PROTECTION)  
 VOLUME 1.05A (PNEUMATIC TUBES, PLUMBING)  
 VOLUME 1.05B (PLUMBING)  
 VOLUME 1.05C (PLUMBING)  
 VOLUME 1.06A (MECHANICAL)  
 VOLUME 1.06B (MECHANICAL)  
 VOLUME 1.06C (MECHANICAL)  
 VOLUME 1.07A (ELECTRICAL)  
 VOLUME 1.07B (ELECTRICAL)  
 VOLUME 1.07C (ELECTRICAL)  
 VOLUME 1.07D (ELECTRICAL)  
 VOLUME 1.08 (SECURITY, TCOMM)
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 VOLUME 2.02A (EXTERIOR ARCHITECTURE)  
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- DRAWING APPENDIX**  
 FOOD SERVICE (FOR INFORMATION ONLY)

**NOTES**

- THESE DIAGRAMS ILLUSTRATE THE USE OF THE KEYPLANS ON THE PLAN SHEETS AND NOT A REPRESENTATION OF PHASING OR AREAS OF WORK.
- ALL KEYPLANS ARE NOT TO SCALE

100% RESUBMISSION	09/23/16
100% SUBMISSION	06/17/16
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APPROVED					
FOR COMMANDER NAVFAC					
ACTIVITY	N/A				
SATISFACTORY TO DATE	N/A				
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PRDM	ROBSON/NOURI				
GRAND MANAGER	N/A				
CHIEF ENGINEER	N/A				

DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING COMMAND  
 NAVAL FACILITIES ENGINEERING COMMAND - NAVFAC WASHINGTON  
 414 CANVAC  
 NSAB/Bethesda, MD  
 BETHESDA, MD

**P114 MEDICAL CENTER ADDITION / ALTERATION**

GENERAL - PACKAGE, VOLUME AND KEYPLAN DESCRIPTIONS

SCALE	
PROJECT NO.	1171746
CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	
SHEET	OF 0

**G-005A**

**BUILDING CONSTRUCTION PHASING**

THE WRMMC P114 MEDICAL CENTER ADDITION / ALTERATION (MCAA) PROJECT INVOLVES THE CONSTRUCTION OF A NEW ADDITION 'BUILDING C' AND THE RENOVATION OF PORTIONS OF BUILDING 9 AND BUILDING 10. THE BUILDING C ADDITION TO THE MEDICAL CENTER REQUIRES THE DEMOLITION OF SIX (6) EXISTING MEDICAL CAMPUS BUILDINGS (BUILDINGS 2, 4, 6, 7, 8 AND 10). THE CURRENT DEPARTMENTS IN THESE EXISTING BUILDINGS WILL BE TEMPORARILY RELOCATED TO THE PARKING LOT G SITE WHERE TEMPORARY FACILITIES HAVE BEEN CONSTRUCTED BY A SEPARATE CONSTRUCTION PROJECT KNOWN AS P125. AS THIS LOCATION CANNOT ACCOMMODATE ALL DEPARTMENTS AT ONCE, THESE RELOCATIONS, DEMOLITION AND NEW CONSTRUCTION WILL OCCUR IN PHASES.

**BUILDING C - PHASE 1** INCLUDES THE TEMPORARY RELOCATION OF DEPARTMENTS FROM BUILDINGS 4, 6 AND 8 TO P125. ENABLING WORK ON EXISTING BUILDINGS 2 AND 7 SHALL ALSO INCLUDE THE TEMPORARY EXTERIOR ENCLOSURE OF THE SOUTH FAÇADE ALLOWING CONTINUOUS OCCUPANCY OF THOSE BUILDINGS DURING PHASE 1. THEN BUILDINGS 4, 6, AND 8 WILL BE DEMOLISHED AND THE NEW BUILDING C - PHASE 1 ADDITION WILL BE CONSTRUCTED. DEPARTMENT FUNCTIONS WILL THEN MOVE BACK INTO THE NEW BUILDING C - PHASE 1. PHASE 1 ENABLING WORK ALONG THE NORTH OF BUILDING 9 SHALL INCLUDE ENVELOPE AND OTHER ALTERATIONS FOR HORIZONTAL EXITS FROM BUILDING C, ALLOWING CONTINUOUS BUILDING 9 OCCUPANCY DURING PHASE 1. ONCE PHASE 1 IS COMPLETE, ACTIVATED AND OCCUPIED THEN BUILDING C - PHASE 2 ACTIVITIES CAN BEGIN.

**BUILDING C - PHASE 2** INCLUDES THE RELOCATION OF DEPARTMENTS FROM EXISTING BUILDINGS 2 AND 7 TO BOTH P125 AND THE NEW BUILDING C - PHASE 1. THEN BUILDINGS 2 AND 7 CAN BE DEMOLISHED AND THE PHASE 2 NEW ADDITION WILL BE CONSTRUCTED IN THAT LOCATION. ONCE BOTH PHASE 2 IS COMPLETED, ACTIVATED AND OCCUPIED THEN THE COMBINED PHASE 1 AND 2 NEW ADDITIONS ARE CONSIDERED ONE BUILDING.

PRIOR TO DEPARTMENTAL RELOCATION AND BUILDING C - PHASE 1 AND 2 DEMOLITION / NEW CONSTRUCTION THERE ARE OTHER CONSTRUCTION ACTIVITIES THAT MUST OCCUR FIRST TO MAINTAIN CONTINUOUS OPERATION OF THE MEDICAL CENTER CAMPUS. THESE ARE CONSIDERED ENABLING ACTIVITIES.

1. P125: THE TEMPORARY FACILITIES CONSTRUCTION MUST BE COMPLETE AND READY TO OCCUPY. THIS PROJECT IS CONTRACTUALLY SEPARATE FROM THE P114 PROJECT.
2. P130: ALL MECHANICAL, ELECTRICAL, COMMUNICATION AND SEWER UTILITIES WITHIN THE P114 PROJECT AREA MUST BE RE-ROUTED AND PERMANENTLY LOCATED IN A UTILITY TUNNEL, IN SUCH A WAY AS NOT TO INTERRUPT SERVICE TO THE REST OF THE MEDICAL CENTER AND NOT INTERFERE WITH THE NEW ADDITION. THIS PROJECT IS CONTRACTUALLY SEPARATE FROM THE P114 PROJECT.
3. BUILDING C - PHASE 1A: A NEW PEDESTRIAN TUNNEL CONNECTOR WILL BE CONSTRUCTED. IT CONNECTS EXISTING BUILDINGS 9 AND 19 AND PROVIDES A SAFE AND PROTECTED NORTH-SOUTH PASSAGE FOR PATIENTS, STAFF AND MATERIALS AWAY FROM THE DEMOLITION/CONSTRUCTION ZONE. THIS NEW PEDESTRIAN TUNNEL CONNECTOR KNOWN AS BUILDING C - PHASE 1A WILL REQUIRE DEMOLITION OF THE EXISTING GRADE LEVEL CONNECTOR BETWEEN BUILDINGS 4/6 AND 9.
4. BUILDING C - PHASE 1B: NEW EMERGENCY GENERATORS WILL BE CONSTRUCTED AT THE LOWEST LEVEL OF BUILDING 55 PARKING GARAGE. THIS EMERGENCY GENERATOR CONSTRUCTION WILL PROVIDE EMERGENCY POWER FOR THE NEW BUILDING C ADDITION AND FOR THE NEW BASE COMMUNICATIONS CENTER (BCC). ALSO OCCURRING DURING PHASE 1B ARE MEP ENABLING WORKS TO LIMIT SYSTEM OUTAGES DURING FUTURE PHASES OF WORK.
5. BUILDING C - PHASE 1C: THE EXISTING BASE COMMUNICATIONS ARE LOCATED IN BUILDING 2 2ND AND 3RD LEVELS AND MUST BE RELOCATED PRIOR TO BUILDING C - PHASE 2 DEMOLITION. THE INTENTION IS TO CONSTRUCT A NEW ONE-STORY BASE COMMUNICATIONS CENTER LOCATED IN THE AREA BETWEEN THE EXISTING BUILDINGS 54 & 55, EAST OF BROWN DRIVE. THE PREPARATION OF THIS AREA, CONSTRUCTION OF THE NEW BUILDING, CONNECTION TO P130 UTILITIES, COMMISSIONING, AND ACTIVATION WILL BEGIN DURING BUILDING C - PHASE 1 AND MUST BE COMPLETE, TESTED AND OPERATIONAL BEFORE BUILDING C - PHASE 2 DEMOLITION BEGINS. PRIOR TO DEMOLITION OF BUILDING C - PHASE 1, PRE-DEMOLITION ENABLING ACTIVITIES WILL OCCUR SUCH AS: CONSTRUCTION OF TEMPORARY PARTITIONS TO PROTECT EXISTING BUILDINGS AND OCCUPANTS TO REMAIN, ESTABLISH ICRA PROTECTED SAFETY ZONES AND MONITOR AIR QUALITY AND CAP EXISTING UTILITIES THAT ARE NOT REQUIRED TO BE OPERATIONAL.
6. BUILDING C - PHASE 2A: ENABLING WORKS FOR PHASE 2 INCLUDE DEMOLITION OF BUILDING 100, AND CONSTRUCTION OF A TEMPORARY EGRESS STAIR AND EXTERIOR WALL.
7. BUILDING C - PHASE 2B: POST- CONSTRUCTION REHABILITATION INCLUDES THE DEMOLITION OF THE TEMPORARY EGRESS STAIR AND TEMPORARY WALL; RESTORATION OF EXTERIOR WALL AT DEMOLISHED EGRESS STAIR; LANDSCAPING OF THE BUILDING 100 COURTYARD; DEMOLITION OF TEMPORARY P125 FACILITIES; REPAIRING OF THE P125 LOT; DEMOLITION OF BUILDING C PHASE 1 ENTRANCE CANOPY AND VESTIBULE; AND RESTORATION OF EXTERIOR WALL AND OFFICE SPACE AT DEMOLISHED VESTIBULE.
8. BUILDINGS 9 AND 10 - PHASE 3: SOME DEPARTMENTAL FUNCTIONS WILL MOVE FROM BUILDINGS 9 AND 10 INTO THE BUILDING C - PHASE 1 IN PREPARATION FOR RENOVATION. BUILDING 9 RENOVATIONS IN AREAS HH AND FF WILL BE COMPLETED AS ONE PHASE. BUILDING 10 RENOVATIONS OCCUR ON THE 3RD, 5TH AND 6TH FLOORS AND WILL BE SEPARATED INTO THREE PHASES 3.1, 3.2 AND 3.3 WITH EACH PHASE TO BE COMPLETED AND OCCUPIED PRIOR TO THE NEXT PHASE OCCURRING. PHASE 3 WORK CAN ONLY COMMENCE AFTER PHASE 1, AND AFTER OWNER MOVES OUT OF AREAS TO BE RENOVATED IN PHASE 3.3.1, BUT CAN COINCIDE WITH PHASE 2 BUILDING C (IN PART OR IN TOTAL).

PHASING WILL PROCEED SEQUENTIALLY FROM THE WEST SIDE OF THE BUILDING TO THE EAST SIDE. ALL P114 CONSTRUCTION OPERATIONS MUST BE COMPLETED WHILE MAINTAINING A 100% SAFE HOSPITAL, AND CLINIC "HEALING" ENVIRONMENT WITHOUT DISRUPTING PATIENTS, VISITING FAMILY MEMBERS, CLINICIANS, HOSPITAL STAFF AND THE FACILITY OPERATIONS.

100% RESUBMISSION	09/23/16
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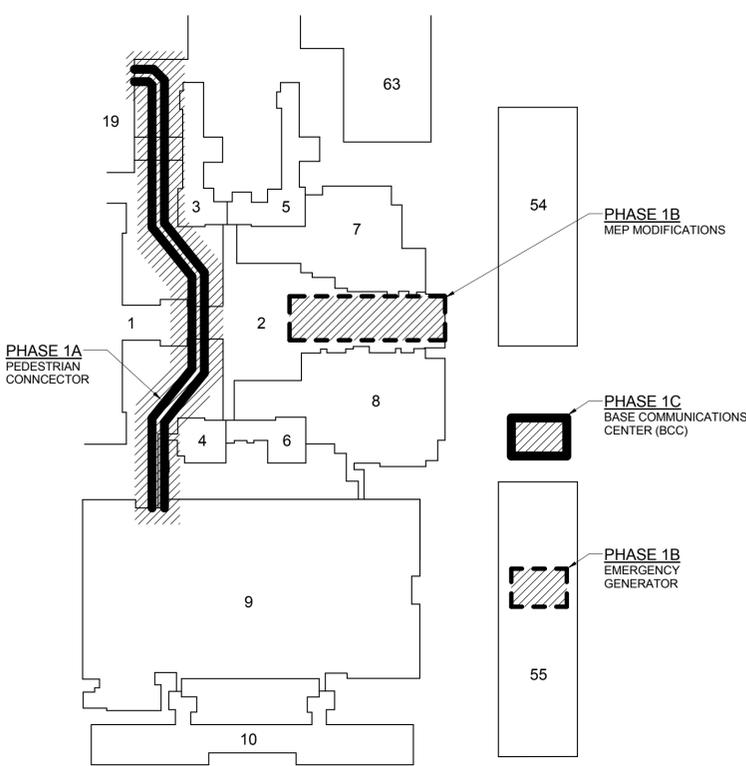


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APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
N/A
SATISFACTORY TO DATE
DES EM DRW RC CHK HE
PM/DM ROBSON/NOURI
BRANCH MANAGER N/A
CHIEF ENGINEER N/A

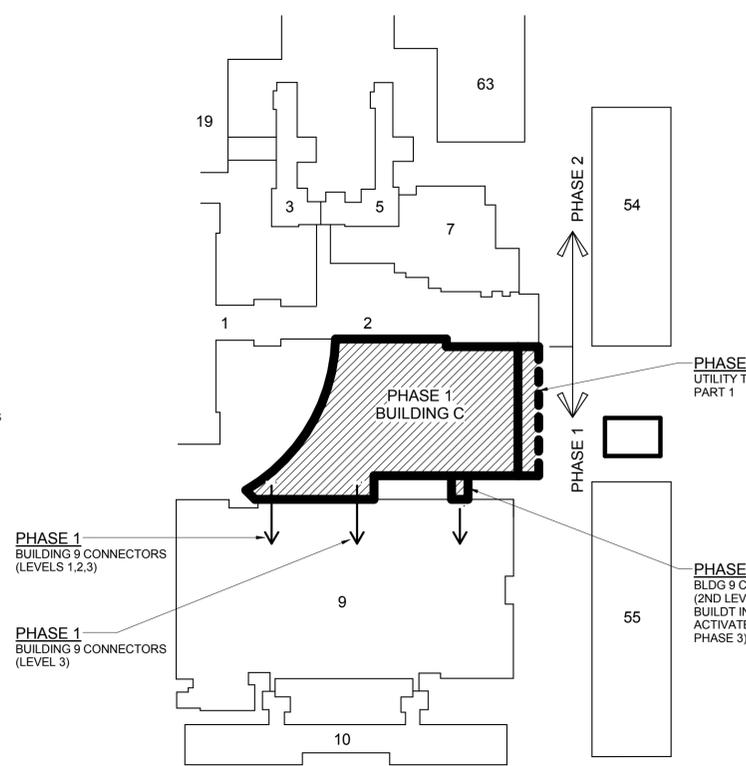
DEPARTMENT OF THE NAVY  
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NAVFAC WASHINGTON  
NAVFAC/Bethesda, MD  
NSA/Bethesda, MD  
P114 MEDICAL CENTER ADDITION / ALTERATION  
GENERAL - PHASING DIAGRAMS

SCALE	6" = 1'-0"
PROJECT NO.	1171746
CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	
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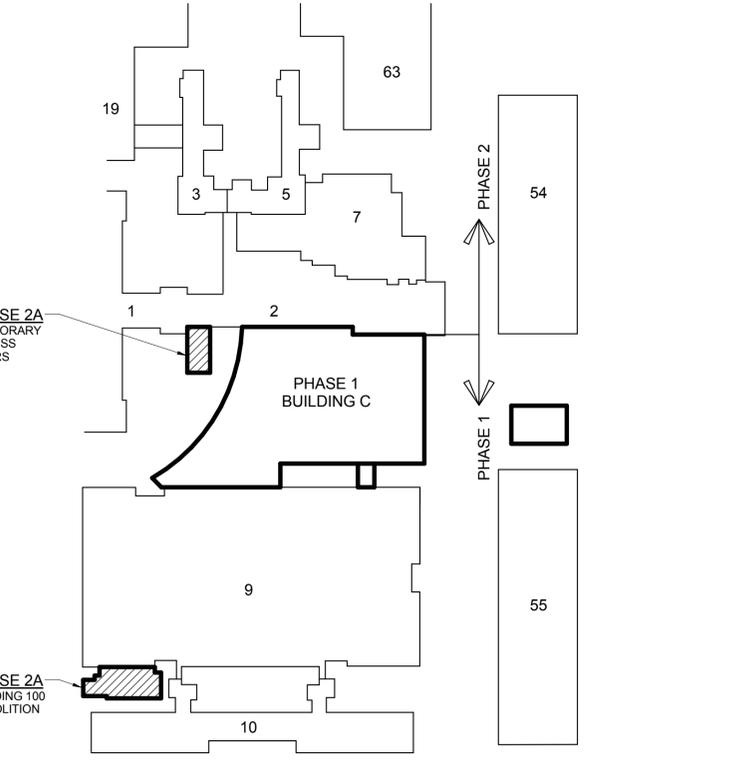
**NOTES:**  
• REFER TO PACKAGE 1, VOLUME 1.00 FOR PLANS.  
• REFER TO PACKAGE 5, VOLUMES 5.01-5.09 FOR SUPPORTING DOCUMENTATION.

**1 PHASE 1A,B,&C ENABLING**  
N.T.S.



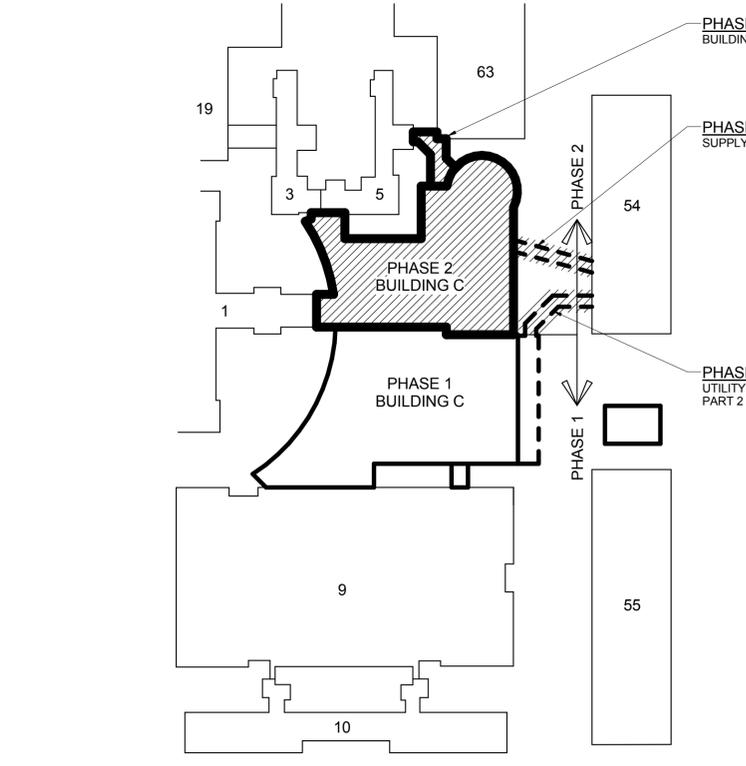
**NOTES:**  
• REFER TO PACKAGE 1, VOLUME 1.01 - 1.08 FOR PLANS.  
• REFER TO PACKAGE 5, VOLUMES 5.01-5.09 FOR SUPPORTING DOCUMENTATION.

**2 PHASE 1**  
N.T.S.



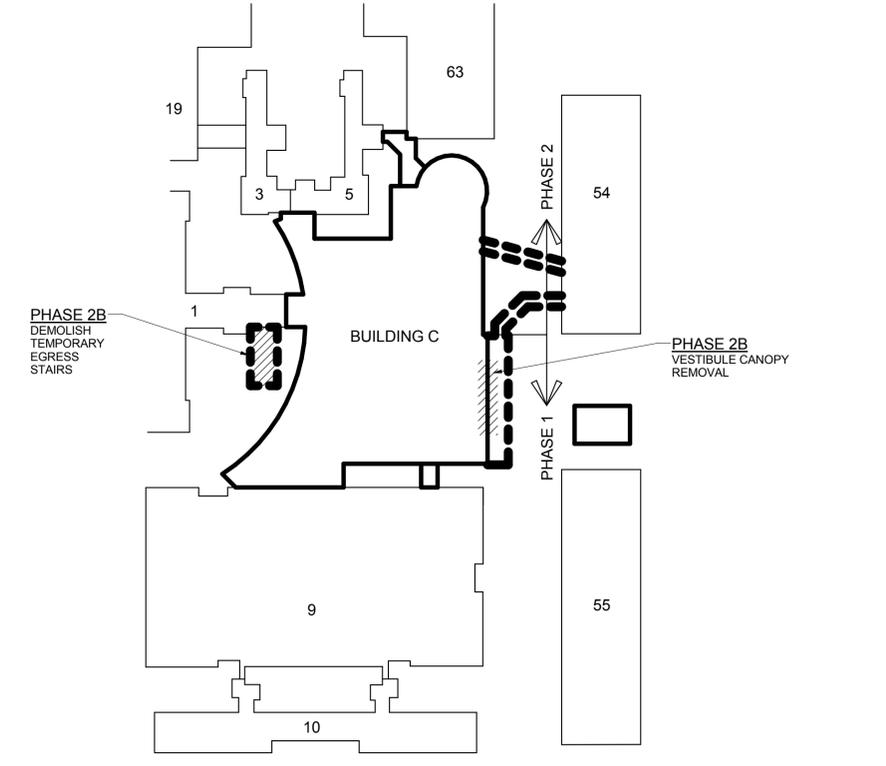
**NOTES:**  
• REFER TO PACKAGE 2, VOLUME 2.00 FOR PLANS.  
• REFER TO PACKAGE 5, VOLUMES 5.01-5.09 FOR SUPPORTING DOCUMENTATION.

**3 PHASE 2A ENABLING**  
N.T.S.



**NOTES:**  
• REFER TO PACKAGE 2, VOLUME 2.01-2.07 FOR PLANS.  
• REFER TO PACKAGE 5, VOLUMES 5.01-5.09 FOR SUPPORTING DOCUMENTATION.

**4 PHASE 2**  
N.T.S.



**NOTES:**  
• REFER TO PACKAGE 2, VOLUME 2.00 FOR PLANS.  
• REFER TO PACKAGE 5, VOLUMES 5.01-5.09 FOR SUPPORTING DOCUMENTATION.

**5 PHASE 2B POST-PHASE RESTORATION**  
N.T.S.

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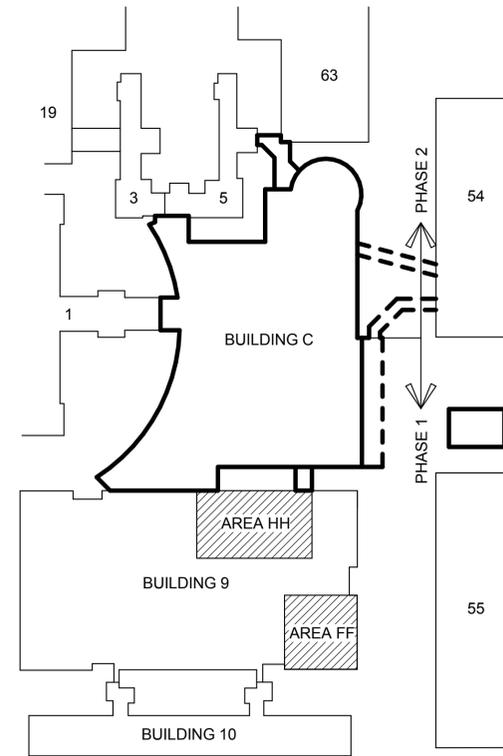
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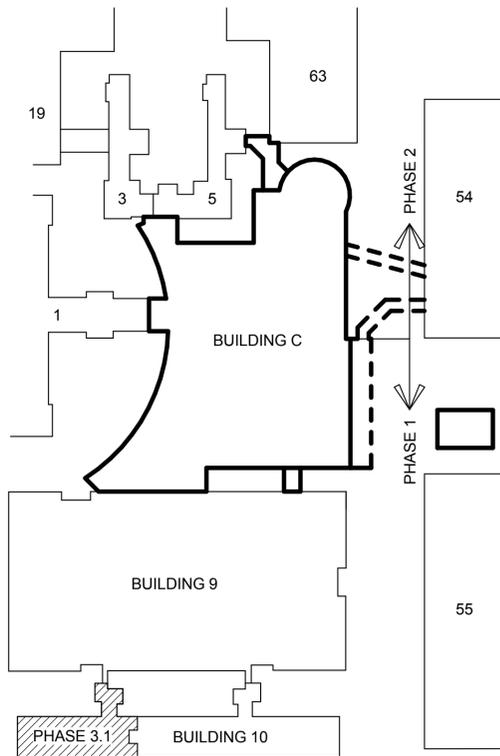
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GENERAL NOTES

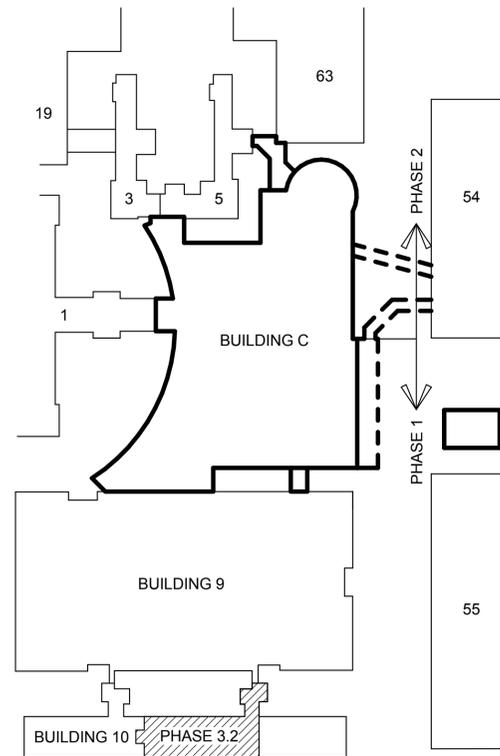
- 1. BUILDING 9: REFER TO PACKAGE 3, VOLUME 3.01 FOR PLANS.
- 2. BUILDING 10: REFER TO PACKAGE 4, VOLUMES 4.01-4.03 FOR PLANS.
- 3. REFER TO PACKAGE 5, VOLUMES 5.01-5.09 FOR SUPPORTING DOCUMENTATION.
- 4. BUILDING 10 RENOVATION INCLUDES FLOORS 3, 5, AND 6 ONLY.



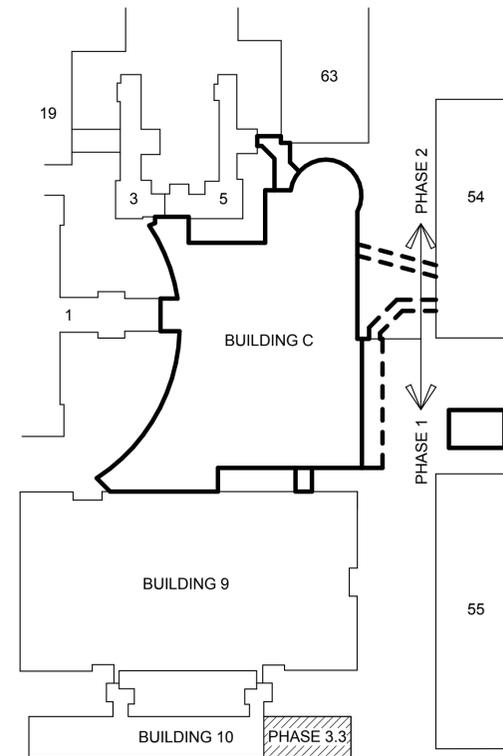
1 PHASE 3 - BUILDING 9  
N.T.S.



2 PHASE 3.1 - BUILDING 10  
N.T.S.



3 PHASE 3.2 - BUILDING 10  
N.T.S.



4 PHASE 3.3 - BUILDING 10  
N.T.S.

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100% RESUBMISSION		09/23/16
100% SUBMISSION		06/17/16
SYM	DESCRIPTION	DATE
 <b>FOR REVIEW ONLY</b> NOT FOR CONSTRUCTION		
 <b>ARCHITECTURE   ENGINEERING &amp; CONSULTING</b> 3001 WASHINGTON BLVD. SUITE 200 ARLINGTON, VIRGINIA 22201 703-518-8500		
APPROVED		
FOR COMMANDER NAVFAC		
ACTIVITY		
N/A		
SATISFACTORY TO DATE		
DES	EM	RC
DRW	CHK	HE
PRJ MGR: ROBSON/NOURI		
BRANCH MGR: N/A		
CHIEF ENGINEER: N/A		
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - NAVFAC WASHINGTON ATLANTA NSA/Bethesda, MD NAVFAC/Bethesda, MD BETHESDA, MD		
<b>P114 MEDICAL CENTER ADDITION / ALTERATION</b> GENERAL - PHASING DIAGRAMS		
SCALE: 6" = 1'-0"		
PROJECT NO.: 1171746		
CONSTR. CONTR. NO.: N62470-09-D-9044		
NAVFAC DRAWING NO.:		
SHEET	OF	0
<b>G-005C</b>		

SHEET # DRAWING NAME

PACKAGE 5

Table listing drawing names and sheet numbers for Package 5, including General, Civil, and Landscape sections.

LANDSCAPE

Table listing drawing names and sheet numbers for Landscape section.

STRUCTURAL

Table listing drawing names and sheet numbers for Structural section.

SHEET # DRAWING NAME

PACKAGE 5

Table listing drawing names and sheet numbers for Package 5, including VOLUME 5.01 Structural (Continued) section.

GENERAL

Table listing drawing names and sheet numbers for General section.

ARCHITECTURAL

Table listing drawing names and sheet numbers for Architectural section.

SHEET # DRAWING NAME

PACKAGE 5

Table listing drawing names and sheet numbers for Package 5, including VOLUME 5.02 Architecture (Continued) section.

GENERAL

Table listing drawing names and sheet numbers for General section.

ARCHITECTURAL INTERIORS

Table listing drawing names and sheet numbers for Architectural Interiors section.

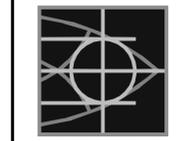
SHEET # DRAWING NAME

PACKAGE 5

Table listing drawing names and sheet numbers for Package 5, including VOLUME 5.03 Architecture (Continued) section.

Revision table with columns for SYM, DESCRIPTION, and DATE.

Submission schedule table with columns for SYM, DESCRIPTION, and DATE.



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APPROVED

FOR COMMANDER NAVFAC

ACTIVITY N/A

SATISFACTORY TO DATE N/A

DES EV DRW GB CRK HE

PMCM ROBSON/NOURI

GRAND MANAGER N/A

CHIEF ENGINEER N/A

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON WASHINGTON, DISTRICT OF COLUMBIA, DC 20340-4500 NSA/Bethesda, MD P114 MEDICAL CENTER ADDITION / ALTERATION GENERAL - INDEX OF DRAWINGS - PACKAGE 5

SCALE 1/2" = 1'-0"

PROJECT NO. 1171746

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO.

SHEET 0 OF 0 G-005D

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**SHEET # DRAWING NAME**

**PACKAGE 5**

G-009 GENERAL - COVER SHEET  
 G-009A GENERAL - PACKAGE, VOLUME AND KEYPLAN DESCRIPTIONS  
 G-009B GENERAL - PHASING DIAGRAMS  
 G-009C GENERAL - PHASING DIAGRAMS  
 G-009D GENERAL - INDEX OF DRAWINGS - PACKAGE 5  
 G-009E GENERAL - INDEX OF DRAWINGS - PACKAGE 5  
 G-009F GENERAL - INDEX OF DRAWINGS - PACKAGE 5

**ELECTRICAL**

E-001 ELECTRICAL - SYMBOLS LIST  
 E-002 ELECTRICAL - LEGENDS, ABBREVIATIONS AND GENERAL NOTES  
 EL-411 LIGHTING CONTROL PART PLANS - BUILDING C - PHASE 1  
 EL-412 LIGHTING CONTROL PART PLANS - BUILDING C - PHASE 1  
 EL-413 LIGHTING CONTROL PART PLANS - BUILDING C - PHASE 1  
 EL-414 LIGHTING CONTROL PART PLANS - BUILDING C - PHASE 1  
 EL-415 LIGHTING CONTROL PART PLANS - BUILDING C - PHASE 1  
 EL-416 LIGHTING CONTROL PART PLANS - BUILDING C - PHASE 1  
 EL-417 LIGHTING CONTROL PART PLANS - BUILDING C - PHASE 1  
 EL-418 LIGHTING CONTROL PART PLANS - BUILDING C - PHASE 1  
 EL-419 LIGHTING CONTROL PART PLANS - BUILDING C - PHASE 1  
 EL-420 LIGHTING CONTROL PART PLANS - BUILDING C - PHASE 1  
 EL-421 LIGHTING CONTROL PART PLANS - BUILDING C - PHASE 1  
 EL-422 LIGHTING CONTROL PART PLANS - BUILDING C - PHASE 1  
 EL-431 LIGHTING CONTROL PART PLANS - BUILDING C - PHASE 2  
 EL-432 LIGHTING CONTROL PART PLANS - BUILDING C - PHASE 2  
 EL-433 LIGHTING CONTROL PART PLANS - BUILDING C - PHASE 2  
 EL-441 LIGHTING CONTROL PART PLANS - BUILDING 10  
 EL-501 LIGHTING DETAILS  
 EL-502 LIGHTING DETAILS  
 EL-551 LIGHTING FIXTURE PLATES  
 EL-552 LIGHTING FIXTURE PLATES  
 EL-553 LIGHTING FIXTURE PLATES  
 EL-554 LIGHTING FIXTURE PLATES  
 EL-555 LIGHTING FIXTURE PLATES  
 EL-556 LIGHTING FIXTURE PLATES  
 EL-557 LIGHTING FIXTURE PLATES  
 EL-558 LIGHTING FIXTURE PLATES  
 EL-559 LIGHTING FIXTURE PLATES  
 EL-601 LIGHTING CONTROL RISER DETAILS  
 EL-602 LIGHTING CONTROL RISER DETAILS  
 EL-603 LIGHTING CONTROL RISER DETAILS  
 EL-604 LIGHTING CONTROL RISER DETAILS  
 EL-605 LIGHTING CONTROL RISER DETAILS  
 EL-606 LIGHTING CONTROL RISER DETAILS  
 EL-607 LIGHTING CONTROL RISER DETAILS  
 EL-611 LIGHTING CONTROL RISER DIAGRAM - PHASE 1  
 EL-621 LIGHTING CONTROL RISER DIAGRAM - PHASE 2  
 EL-701 LIGHTING FIXTURE SCHEDULE  
 EL-702 LIGHTING FIXTURE SCHEDULE  
 EL-710 LIGHTING CONTROL SEQUENCE OF OPERATIONS  
 EL-711 LIGHTING ZONING SCHEDULES - BUILDING C - PHASE 1  
 EL-712 LIGHTING ZONING SCHEDULES - BUILDING C - PHASE 1  
 EL-713 LIGHTING ZONING SCHEDULES - BUILDING C - PHASE 1  
 EL-714 LIGHTING ZONING SCHEDULES - BUILDING C - PHASE 1  
 EL-715 LIGHTING ZONING SCHEDULES - BUILDING C - PHASE 1  
 EL-716 LIGHTING ZONING SCHEDULES - BUILDING C - PHASE 1  
 EL-717 LIGHTING ZONING SCHEDULES - BUILDING C - PHASE 1  
 EL-718 LIGHTING ZONING SCHEDULES - BUILDING C - PHASE 1  
 EL-719 LIGHTING ZONING SCHEDULES - BUILDING C - PHASE 1  
 EL-720 LIGHTING ZONING SCHEDULES - BUILDING C - PHASE 1  
 EL-721 LIGHTING ZONING SCHEDULES - BUILDING C - PHASE 2  
 EL-722 LIGHTING ZONING SCHEDULES - BUILDING C - PHASE 2  
 EL-723 LIGHTING ZONING SCHEDULES - BUILDING C - PHASE 2  
 EL-724 LIGHTING ZONING SCHEDULES - BUILDING C - PHASE 2  
 EL-725 LIGHTING ZONING SCHEDULES - BUILDING C - PHASE 2  
 EL-731 LIGHTING ZONING SCHEDULES - BUILDING 9  
 EL-741 LIGHTING ZONING SCHEDULES - BUILDING 10  
 EL-742 LIGHTING ZONING SCHEDULES - BUILDING 10  
 EL-743 LIGHTING ZONING SCHEDULES - BUILDING 10  
 EL-744 LIGHTING ZONING SCHEDULES - BUILDING 10  
 EL-745 LIGHTING ZONING SCHEDULES - BUILDING 10  
 EL-746 LIGHTING ZONING SCHEDULES - BUILDING 10  
 EL-747 LIGHTING ZONING SCHEDULES - BUILDING 10  
 EL-748 LIGHTING ZONING SCHEDULES - BUILDING 10  
 EL-749 LIGHTING ZONING SCHEDULES - BUILDING 10  
 EL-751 LIGHTING ZONING SCHEDULE - SITE LIGHTING  
 EP-402 EMERGENCY ROUTING PLAN - SHEET 1  
 EP-403 EMERGENCY ROUTING PLAN - SHEET 2  
 EP-422 MAIN ELECTRICAL ROOM - SHEET 1  
 EP-423 MAIN ELECTRICAL ROOM - SHEET 2  
 EP-425 ELECTRICAL ENLARGE PLAN - PHASE 1  
 EP-426 ELECTRICAL ENLARGE PLAN - PHASE 1  
 EP-427 ELECTRICAL ENLARGE PLAN - PHASE 2  
 EP-428 ELECTRICAL ENLARGE PLAN - PHASE 2  
 EP-461 ELECTRICAL - ENLARGED PLAN - BLDG 9  
 EP-481 ELECTRICAL - ENLARGED PLANS - BLDG 10  
 EP-482 ELECTRICAL - ENLARGED PLANS - BLDG 10  
 EP-501 ELECTRICAL DETAILS  
 EP-502 ELECTRICAL DETAILS  
 EP-503 ELECTRICAL DETAILS  
 EP-504 ELECTRICAL DETAILS  
 EP-521 ELECTRICAL DETAILS  
 EP-522 ELECTRICAL DETAILS  
 EP-523 ELECTRICAL DETAILS  
 EP-524 ELECTRICAL DETAILS  
 EP-525 ELECTRICAL DETAILS  
 EP-526 ELECTRICAL DETAILS

**SHEET # DRAWING NAME**

**PACKAGE 5**

**VOLUME 5.08 ELECTRICAL (CONTINUED)**

EP-601 ELECTRICAL - FEEDER, TRANSFORMER & MOTOR STARTER SCHEDULES  
 EP-621 ELECTRICAL ONE LINE DIAGRAM - PHASE 1 BLDG C - NORMAL POWER  
 EP-622 ELECTRICAL ONE LINE DIAGRAM - PHASE 1 BLDG C - ESSENTIAL POWER  
 EP-623 ELECTRICAL ONE LINE DIAGRAM - PHASE 1 BLDG C - BASE VOICE CENTER  
 EP-624 ELECTRICAL RISER DIAGRAM - PHASE 1 BLDG C - RISER D  
 EP-625 ELECTRICAL RISER DIAGRAM - PHASE 1 BLDG C - RISERS E  
 EP-626 ELECTRICAL RISER DIAGRAM - PHASE 1 BLDG C - RISERS F  
 EP-627 ELECTRICAL RISER DIAGRAM - PHASE 1 BLDG C - GROUNDING RISER  
 EP-628 ELECTRICAL RISER DIAGRAM - PHASE 1 - VAULT 243  
 EP-641 ELECTRICAL RISER DIAGRAM - PHASE 2 BLDG C - RISER J  
 EP-642 ELECTRICAL RISER DIAGRAM - PHASE 2 BLDG C - RISER M  
 EP-643 ELECTRICAL RISER DIAGRAM - PHASE 2 BLDG C - RISER N  
 EP-644 ELECTRICAL RISER DIAGRAM - PHASE 2 BLDG C - GROUNDING RISER  
 EP-661 ELECTRICAL ONE LINE DIAGRAMS - BLDG- 9 - AREA FF  
 EP-662 ELECTRICAL ONE LINE DIAGRAMS - BLDG- 9 - AREA FF  
 EP-663 ELECTRICAL ONE LINE DIAGRAMS - BLDG- 9 - AREA HH  
 EP-664 ELECTRICAL RISER DIAGRAM - BLDG- 9 - AREA HH  
 EP-681 ELECTRICAL - ONE LINE DIAGRAM - BLDG10 - NORMAL  
 EP-682 ELECTRICAL - ONE LINE DIAGRAM - BLDG10 - NORMAL  
 EP-683 ELECTRICAL - ONE LINE DIAGRAM - BLDG10 - EQUIPMENT  
 EP-684 ELECTRICAL - ONE LINE DIAGRAM - BLDG10 - EQUIPMENT  
 EP-685 ELECTRICAL - ONE LINE DIAGRAM - BLDG10 - CRITICAL  
 EP-686 ELECTRICAL - ONE LINE DIAGRAM - BLDG10 - CRITICAL & LIFE SAFETY  
 EP-687 ELECTRICAL RISER DIAGRAM - BLDG 10 - GROUNDING RISER

**GENERAL Vols.09**

G-010 GENERAL - COVER SHEET  
 G-010A GENERAL - PACKAGE, VOLUME AND KEYPLAN DESCRIPTIONS  
 G-010B GENERAL - PHASING DIAGRAMS  
 G-010C GENERAL - PHASING DIAGRAMS  
 G-010D GENERAL - INDEX OF DRAWINGS - PACKAGE 5  
 G-010E GENERAL - INDEX OF DRAWINGS - PACKAGE 5  
 G-010F GENERAL - INDEX OF DRAWINGS - PACKAGE 5

**ELECTRICAL (PANEL SCHEDULES)**

EP-701.01 ELECTRICAL PANEL SCHEDULE - PHASE 1C  
 EP-701.02 ELECTRICAL PANEL SCHEDULE - PHASE 1C  
 EP-710.01 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-710.02 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-710.03 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-710.04 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-710.05 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-710.06 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-711.01 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-711.02 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-711.03 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-711.04 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-711.05 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-711.06 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-711.07 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-712.01 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-712.02 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-712.03 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-712.04 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-712.05 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-712.06 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-713.01 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-713.02 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-713.03 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-713.04 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-713.05 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-713.06 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-713.07 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-713.08 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-713.09 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-714.01 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-714.02 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-714.03 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-714.04 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-714.05 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-714.06 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-715.01 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-715.02 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-715.03 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-715.04 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-715.05 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-715.06 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-715.07 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-716.01 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-716.02 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-716.03 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-716.04 ELECTRICAL PANEL SCHEDULE - PHASE 1  
 EP-720.01 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-721.01 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-721.02 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-721.03 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-721.04 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-721.05 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-722.01 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-722.02 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-722.03 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-723.01 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-723.02 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-723.03 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-723.04 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-724.01 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-724.02 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-724.03 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-724.04 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-725.01 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-725.02 ELECTRICAL PANEL SCHEDULE - PHASE 2  
 EP-762.01 ELECTRICAL PANEL SCHEDULES - BLDG 9  
 EP-762.02 ELECTRICAL PANEL SCHEDULES - BLDG 9  
 EP-762.03 ELECTRICAL PANEL SCHEDULES - BLDG 9  
 EP-783.01 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-783.02 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-783.03 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-783.04 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-785.01 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-785.02 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-785.03 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-785.04 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-785.05 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-785.06 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-785.07 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-786.01 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-786.02 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-786.03 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-786.04 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-786.05 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-786.06 ELECTRICAL PANEL SCHEDULES - BLDG 10  
 EP-786.07 ELECTRICAL PANEL SCHEDULES - BLDG 10

**SHEET # DRAWING NAME**

**PACKAGE 5**

**VOLUME 5.09 (CONTINUED)**

EY-501 SECURITY - DETAILS - COMMON  
 EY-502 SECURITY - DETAILS - COMMON  
 EY-503 SECURITY - DETAILS - COMMON  
 EY-504 SECURITY - DETAILS - COMMON  
 EY-505 SECURITY - DETAILS - COMMON  
 EY-601 SECURITY - SINGLE LINE DIAGRAM  
 EY-602 SECURITY - SINGLE LINE DIAGRAM

**TELECOMMUNICATIONS**

ET-421 TELECOMMUNICATIONS - ENLARGED PLANS - PHASE 1 BLDG C  
 ET-422 TELECOMMUNICATIONS - ENLARGED PLANS - PHASE 1 BLDG C  
 ET-423 TELECOMMUNICATIONS - ENLARGED PLANS - PHASE 1 BLDG C  
 ET-424 TELECOMMUNICATIONS - ENLARGED PLANS - PHASE 1 BLDG C  
 ET-441 TELECOMMUNICATIONS - ENLARGED PLANS - PHASE 2 BLDG C  
 ET-442 TELECOMMUNICATIONS - ENLARGED PLANS - PHASE 2 BLDG C  
 ET-461 TELECOMMUNICATIONS - ENLARGED PLANS - BLDG 9  
 ET-481 TELECOMMUNICATIONS - ENLARGED PLANS - BLDG 10  
 ET-501 TELECOMMUNICATIONS - DETAILS - COMMON  
 ET-502 TELECOMMUNICATIONS - DETAILS - COMMON  
 ET-503 TELECOMMUNICATIONS - DETAILS - COMMON  
 ET-504 TELECOMMUNICATIONS - DETAILS - COMMON  
 ET-505 TELECOMMUNICATIONS - DETAILS - COMMON  
 ET-506 TELECOMMUNICATIONS - DETAILS - COMMON  
 ET-601 TELECOMMUNICATIONS - SINGLE LINE DIAGRAM  
 ET-602 TELECOMMUNICATIONS - SINGLE LINE DIAGRAM  
 ET-603 TELECOMMUNICATIONS - SINGLE LINE DIAGRAM  
 ET-604 TELECOMMUNICATIONS - SINGLE LINE DIAGRAM  
 ET-605 TELECOMMUNICATIONS - SINGLE LINE DIAGRAM  
 ET-606 TELECOMMUNICATIONS - SINGLE LINE DIAGRAM  
 ET-607 TELECOMMUNICATIONS - FIBER SITE DISTRIBUTION  
 ET-608 TELECOMMUNICATIONS - COPPER SITE DISTRIBUTION  
 ET-609 TELECOMMUNICATIONS - SINGLE LINE DIAGRAM  
 ET-610 TELECOMMUNICATIONS - NSAB COMMERCIAL COMMUNICATION FEEDS  
 ET-611 TELECOMMUNICATIONS - SINGLE LINE DIAGRAM  
 ET-612 TELECOMMUNICATIONS - TEMPORARY SERVICE FEEDS DIAGRAM  
 ET-681 TELECOMMUNICATIONS CONDUIT RISER DIAGRAMS  
 ET-682 TELECOMMUNICATIONS FIBER RISER DIAGRAMS  
 ET-683 TELECOMMUNICATIONS COPPER RISER DIAGRAMS

**AUDIO VISUAL**

TA-421 AUDIO VISUAL - AUDITORIUM SECTIONS  
 TA-422 AUDIO VISUAL - ENLARGED PLANS - PHASE 1  
 TA-423 AUDIO VISUAL - ENLARGED PLANS - PHASE 1  
 TA-424 AUDIO VISUAL - ENLARGED PLANS - PHASE 1  
 TA-441 AUDIO VISUAL - ENLARGED PLANS - PHASE 2  
 TA-442 AUDIO VISUAL - ENLARGED PLANS - PHASE 2  
 TA-443 AUDIO VISUAL - ENLARGED PLANS - PHASE 2  
 TA-444 AUDIO VISUAL - ENLARGED PLANS - PHASE 2  
 TA-461 AUDIO VISUAL - ENLARGED PLANS - BLDG 9  
 TA-481 AUDIO VISUAL - ENLARGED PLANS - BLDG 10  
 TA-501 AUDIO VISUAL - DETAILS  
 TA-502 AUDIO VISUAL - DETAILS  
 TA-503 AUDIO VISUAL - DETAILS  
 TA-504 AUDIO VISUAL - DETAILS  
 TA-505 AUDIO VISUAL - DETAILS  
 TA-506 AUDIO VISUAL - DETAILS

100% RESUBMISSION	09/23/16
100% SUBMISSION	06/17/16
SYM	DESCRIPTION DATE



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**HR**  
 ARCHITECTURE | ENGINEERING & CONSULTING  
 3001 WASHINGTON BLVD. SUITE 200  
 ARLINGTON, VIRGINIA 22201  
 703-518-8500

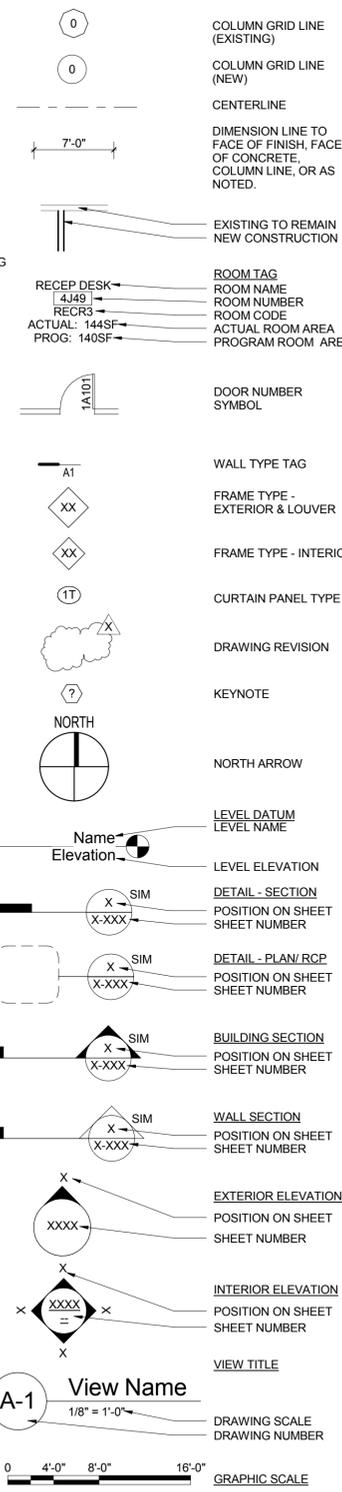
APPROVED					
FOR COMMANDER NAVFAC					
ACTIVITY	N/A				
SATISFACTORY TO DATE	N/A				
DES	EM	DRW	GB	CHK	HE
PMCM	ROBSON/NOURI				
GRAND MANAGER	N/A				
CHIEF ENGINEER	N/A				

DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING COMMAND  
 NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON  
 WASHINGTON, DISTRICT OF COLUMBIA, MD  
 NSAB/Bethesda, MD  
 BETHESDA, MD  
**P114 MEDICAL CENTER ADDITION / ALTERATION**  
 GENERAL - INDEX OF DRAWINGS - PACKAGE 5

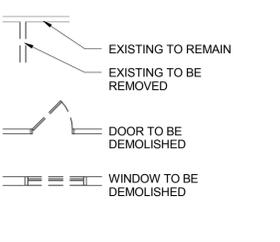
SCALE: 12" = 1'-0"  
 EPROJCT NO.: 1171746  
 CONSTR. CONTR. NO.: N62470-09-D-9044  
 NAVFAC DRAWING NO.  
 SHEET 0 OF 0  
**G-005F**

A	ALIGN	FIN	FINISH	QT	QUARRY TILE
AB	ANCHOR BOLT, AUGER BORING	FL	FLOOR, FLASHING, FLOW LINE	R	RADIUS, RISER, RUBBER SHEATH
ABC	AIR BREAK SWITCH	FLUOR	FLUORESCENT	RA	RETURN AIR
AC	AIR CONDITIONING, ASBESTOS CEMENT, ACRES	4 WAY	FOUR WAY	RAD	RADIUS
A/C	ASPHALTIC CONCRETE	FPH	FROST PROOF HYDRANT	RB	RESILIENT VINYL BASE
ACB	AIR CIRCUIT BREAKER	FR	FRAME	RC	REINFORCED CONCRETE PIPE, REFLECTED CEILING PLAN
ACSR	ALUMINUM CONDUCTOR STEEL REINFORCED	FS	FULL SIZE	RD	ROOF DRAIN, ROAD
ACST	ACOUSTIC	FT	FOOT / FEET	RECP	RECEPTACLE
AD	AREA DRAIN, ACCESS DOOR	FTG	FOOTING	RED	REDUCING
ADJ	ADJUSTABLE	FJ	FELT JOINT	REF	REFER
AFF	ABOVE FINISHED FLOOR	FW	FIRE WATER	REINF	REINFORCEMENT
AHU	AIR HANDLING UNIT	FXTR	FIXTURE	REG	REGULATOR, REGISTER
ALT	ALTERNATE	G	GROUND, GAS LINE, GRAM	REQD	REQUIRED
AL	ALUMINUM	GA	GAGE	REV	REVISION
ALUM	ALUMINUM	GALV	GALVANIZED	RF	ROOF, RETURN FAN
AM	ACOUSTIC MATERIAL	GB	GRADE BEAM	RHC	REHEAT COIL
AMP.A	AMPERE	GC	GLAZED COATING, GENERAL CONTRACTOR	RI	RUBBER INSULATED
AP	ACCESS PANEL APPROX APPROXIMATE	GFI	GROUND FAULT INTERRUPT	RGS	RIGID GALVANIZED STEEL
ARCH	ARCHITECTURAL	GFMU	GROUND FACE MASONRY UNIT	RL	RAIN LEADER
ARR	ARRRESTOR	GL	GLASS	RM	ROOM
ASPH	ASPHALT	GR	GRADE	RO	ROUGH OPENING
B	BASELINE	GRD	GROUND	RPM	REVOLUTIONS PER MINUTE
BO	BOARD	GSU	GLAZED STRUCTURAL UNIT	RVT	RESILIENT VINYL TILE
BEJ	BRICK EXPANSION JOINT	GW	GROUND WATER	S	SECOND, SOUTH, SANITARY, SEWER, STRUCTURE, SPACING
BLDG	BUILDING	GWB	GYPSPUM WALL BOARD GYP GYPSPUM	SAN	SANITARY SEWER
BLK	BLOCK	HORIZ	HORIZONTAL	SATC	SUSPENDED ACOUSTICAL TILE CEILING
BM	BEAM	HP	HIGH POINT	SCH	SCHEDULE
B. BOT	BOTTOM	HSS	HOLLOW STRUCTURAL SECTION	SD	SPLITTER DAMPER, STORM DRAIN
BRG	BEARING	ICRA	INFECTION CONTROL, RISK ASSESSMENT	SE	SOUTHEAST
BR	BOTTOM REGISTER	ID	INSIDE DIAMETER, INSIDE DIMENSION	SECT	SECTION SERV SERVICE SF SILT FENCE
BSMT	BASEMENT	IE	INVERT ELEVATION	SEOR	STRUCTURAL ENGINEER OF RECORD
C	CELSIUS	IF	INSIDE FACE	SG	SHEET
CANT	CANTILEVER	ILSM	INTERIM LIFE SAFETY MEASURES	SH	SIMILAR
CAP	CAPACITY	IMC	INTERMEDIATE METAL CONDUIT	1 PH	SINGLE PHASE
CB	CIRCUIT BREAKER	IN	INCH / INCHES	SKCP	SUSPENDED KEENE'S CEMENT PLASTER
CD	CEILING DIFFUSER	INT	INTERIOR	SL	SLOPE
CEM	CEMENT	INSUL	INSULATION, INSULATED	SMH	SANITARY MODULE
CG	CORNER GUARD	INV	INVERT	SP	STATIC PRESSURE, SINGLE POLE
C&G	CURB AND GUTTER	INTX	INTERSECTION	SPC	SUSPENDED PLASTER CEILING
CH	CHILLER	IP	INLET PROTECTION	SPDT	SINGLE POLE, DOUBLE THROW
CI	CAST IRON, COURTYARD INLET	IRBF	INDUSTRIAL RESIN BASE FLOORING	SPEC	SPECIFICATION
CIP	CAST IRON PIPE, CAST IN PLACE	JB	JUNCTION BOX	SPST	SINGLE POLE, SINGLE THROW
CIR	CIRCULATING	JC	JANITOR CLOSET	SQ	SQUARE
CJ	CONTROL JOINT, CONTRACTION JOINT	JCT	JUNCTION	SR	SUPPLY REGISTER
CKT	CIRCUIT	JT	JOINT	SS	SANITARY SEWER, STAINLESS STEEL
CLG	CEILING	JOIST	JOIST	ST	STEAM, SINGLE THROW, STREET, STAINLESS
CL	CENTERLINE	K	KILO	STA	STATION STD STANDARD
CLR	CLEAR	KIAC	THOUSAND AMP INTERRUPT CAPACITY	STL	STEEL SUP SUPPORT, STEEL
CMP	CORRUGATED METAL PIPE	KCP	KEENE'S CEMENT PLASTER	SUSP	SUSPENDED
CMPA	CORRUGATED METAL PIPE ARCH	KG	KILOGRAM	SV	SHEET VINYL
CMU	CONCRETE MASONRY UNITS	KN	KNOCK OUT	SW	SWITCH, SIDEWALK
CND.C	CONDUIT	KO	KNOCK OUT	SWB	SWITCHBOARD SWGR SWITCHGEAR
CNDS	CONDENSATE	KSF	KIPS PER SQUARE FOOT	T	TILE TOP TANGENT
CO	CLEANOUT	KSI	KIPS PER SQUARE INCH	T&B	TOP AND BOTTOM
CODP	CLEANOUT W/ DECK PLUG	KV	KILOVOLT	TC	TOP OF CURB
COL	COLUMN	KVA	KILOVOLT-AMPERE	TEL	TELEPHONE
COMM	COMMUNICATION	KW	KILOWATT	TEMP	TEMPERATURE, TEMPORARY
CONC	CONCRETE	L	LITERS PER SECOND	TERM	TERMINAL
COND	CONDUCTOR	L/S	LOUVER, LENGTH, LENGTH OF CURVE	3IC	THREE CONDUCTOR
CONJ	CONNECTION	LA	LIGHTNING ARRESTOR	3/P	THREE POLE
CONST	CONSTRUCTION	LB	POUND	3 WAY	THREE WAY
CONT	CONTINUOUS	LC	LEAD COVERED	TH	TOTAL HEAD (PUMPS)
CONV	CONVERTER	LL	LIVE LOAD	THK	THICK, THICKNESS
COU.CU	COPPER	LLH	LONG LEG HORIZONTAL	THRSLD	THRESHOLD
CP	NON-REINFORCED CONCRETE PIPE	LLV	LONG LEG VERTICAL	TO	TOP OF
CR	CHAIR, CRASH RAIL	LONG	LONGITUDINAL	TOC	TOP OF CONCRETE
CRS	STAINLESS STEEL	LP	LOW POINT	TOS	TOP OF STEEL
CS	CONCRETE SEALER/SURFACE	LSH	LONG SIDE HORIZONTAL	TP	TEST PIT
CSK	COUNTERSUNK	LT	LIGHT	TR	TOP REGISTER
CT	CERAMIC TILE, CURRENT TRANSFORMER, COOLING TOWER	LAV	LAVATORY VERTICAL	TRANS	TRANSITION
CTR	CENTER, COOLING TOWER RETURN	LVC	LENGTH OF VERTICAL CURVE	TRNSV	TRANSVERSE
CTS	COOLING TOWER SUPPLY	M/S	METERS PER SECOND	TS	TOP OF STONE, TOP OF SLAB
CW	COLD WATER, CURTAIN WALL	M	METER, MEGA	TV	TELEVISION
CWB	CAPILLARY WATER BARRIER	MACH	MACHINE	TW	TOP OF WALL
CONTR	CONTRACTION	MAS	MASONRY	TYP	TYPICAL
CPT	CARPET	MATL	MATERIAL	UG	UNDERGROUND
CW	CURTAIN WALL	MAX	MAXIMUM	UCR	UNDER COUNTER REFRIGERATOR
D	DEPTH, DEEP, DEGREE OF CURVATURE	MECH	MECHANICAL	UGE	UNDERGROUND ELECTRIC
DB	DRY BULB, DECIBEL, DIRECT BURIAL	MET	METAL	UGT	UNDERGROUND TELEPHONE
DD	DIVERSION DIKE	MANHOLE	MANHOLE	UH	UNIT HEATER
DET	DETAIL	MIN	MINIMUM, MINUTE	UNO	UNLESS NOTED OTHERWISE
DH	DRILL HOLE	MISC	MISCELLANEOUS	V	VENT VOLT VALVE
DI	DUCTILE IRON	MLO	MAIN LUG ONLY	VA	VOLT AMPERE
DIA	DIAMETER	MM	MILLIMETER	VAC	VACUUM
DIM	DIMENSION	MM,mm	MILLIMETER	VCT	VINYL COMPOSITION TILE
DL	DEAD LOAD	MP	MEDIUM PRESSURE	V ASB	VINYL ASBESTOS
DMPR	DAMPER	MPH	MILES PER HOUR	VC	VARNISH CAMBRIC, VITRIFIED CLAY
DN	DOWN	MTD	MOUNTED	VCP	VITRIFIED CLAY PIPE
DP	DISTRIBUTION PANEL, DRILLED PIER	MTG	MOUNTING	VENT	VENTILATING
DS	DOWNSPOUT, STORM DRAINAGE STRUCTURE	MMP	MEMBRANE WATERPROOFING	VERT	VERTICAL
DW	DOMESTIC WATER	MULL	MULLION	VEST	VESTIBULE
DWG	DRAWING	N	NORTH	VPI	VERTICAL POINT OF INTERSECTION
DWD	DRINKING WATER DISPENSER	NA	NOT APPLICABLE	VPOC	VERTICAL POINT OF CURVE
E	EAST	NC	NON CORROSIVE	VPT	VERTICAL POINT OF TANGENT
EA	EACH	NE	NORTHEAST	VS	VENT STACK
EAN	EXCEPT AS NOTED	NDC	NOSE DOWN CURB	VTR	VENT THRU ROOF
EAT	ENTERING AIR TEMPERATURE	NEC	NATIONAL ELECTRIC CODE	VWC	VINYL WALL COVERING
EC	EMPTY CONDUIT	NEUT	NEUTRAL	W	WIDTH WASTE WATER, WATT, WEST
EF	EACH FACE, EXHAUST FAN	NIC	NOT IN CONTRACT	WA	WATT
EG	EXHAUST GRILLE	NO	NUMBER	W/	WITH
EL	ELEVATION	NOM	NOMINAL	W/O	WITHOUT
ELEC	ELECTRIC	NPS	NOMINAL PIPE SIZE	WB	WET BULB
ELEV	ELEVATOR	NTS	NOT TO SCALE	WC	WATER CLOSET
EMT	ELECTRICAL METALLIC TUBING	NW	NORTHWEST	WD	WIDTH, WINDOW DIMENSION
EMER	EMERGENCY	OA	OUTSIDE AIR	WOM	WALK OFF MATT
EOR	ENGINEER OF RECORD	OC	ON CENTER	WL	WATER LEVEL WP WATERPROOF, WEATHERPROOF
EIP	EDGE OF PAVEMENT	OCB	OIL CIRCUIT BREAKER	WP	WORKINGS POINT
EQ	EQUAL	OD	OUTSIDE DIAMETER	WS	WASTE STACK, WATER SURFACE, WATERSTOP
EQUIP	EQUIPMENT	OPNG	OPENING	WT	WEIGHT
ER	EXHAUST REGISTER	OPP	OPPOSITE	WWR	WELDED WIRE REINFORCEMENT
EVAP	EVAPORATIVE	OSD	OPEN SITE DRAIN	X-STR	TRANSFORMER UNIT HEATER
EW	EACH WAY	OVHD,OH	OVERHEAD	2:1 SL	2 HORIZONTAL TO 1 VERTICAL SLOPE
EWC	ELECTRIC WATER COOLER	Pa	PASCALS	1 ON 2	1 VERTICAL ON 2 HORIZONTAL SLOPE
EXH	EXHAUST	P	PIPE, POLE	PL	PLATE
EXIST	EXISTING	PB	PULL BOX	PLA	PLASTER
EXP	EXPANSION, EXPOSED	PC	PIER CAP	PLNJ	PAPER AND LEAD NEOPRENE JACKET
EXP JT	EXPANSION JOINT	PI	POINT OF INTERSECTION	PLYWD	PLYWOOD
EXT	EXTERIOR	PIV	POST INDICATOR VALVE	PNL	PANEL
F	FIRE, FUSE, FILTER	PJF	PREFORMED JOINT FILLER	PNT	PAINT
FA	FIRE ALARM FABX FIRE ALARM BOX	PL	PLATE	PRELIM	PRELIMINARY
FD	FLOOR DRAIN, FIRE DAMPER	PLA	PLASTER	PRESS	PRESSURE
FDN	FOUNDATION	PLNJ	PAPER AND LEAD NEOPRENE JACKET	PRIM	PRIMARY
FDR	FEEDER	PLYWD	PLYWOOD	PRV	PRESSURE RELIEF VALVE
FE	FIRE EXTINGUISHER	PNL	PANEL	PS	PULL SWITCH
FPE	FINISHED FLOOR ELEVATION	PNT	PAINT	PSF	POUNDS PER SQUARE FOOT
FH	FIRE HYDRANT	PRELIM	PRELIMINARY	PSI	POUNDS PER SQUARE INCH
FHC	FIRE HOSE CABINET	PRESS	PRESSURE	PT	POINT, POINT OF TANGENT
FIG	FIGURE	PRIM	PRIMARY	PTN	PARTITION
		PRV	PRESSURE RELIEF VALVE	PVC	POINT OF VERTICAL CURVE, POLY VINYL CHLORIDE
		PS	PULL SWITCH	PVI	POINT OF VERTICAL INTERSECTION
		PSF	POUNDS PER SQUARE FOOT	PVT	POINT OF VERTICAL TANGENT
		PSI	POUNDS PER SQUARE INCH	PVMT	PAVEMENT
		PT	POINT, POINT OF TANGENT		
		PTN	PARTITION		
		PVC	POINT OF VERTICAL CURVE, POLY VINYL CHLORIDE		
		PVI	POINT OF VERTICAL INTERSECTION		
		PVT	POINT OF VERTICAL TANGENT		
		PVMT	PAVEMENT		

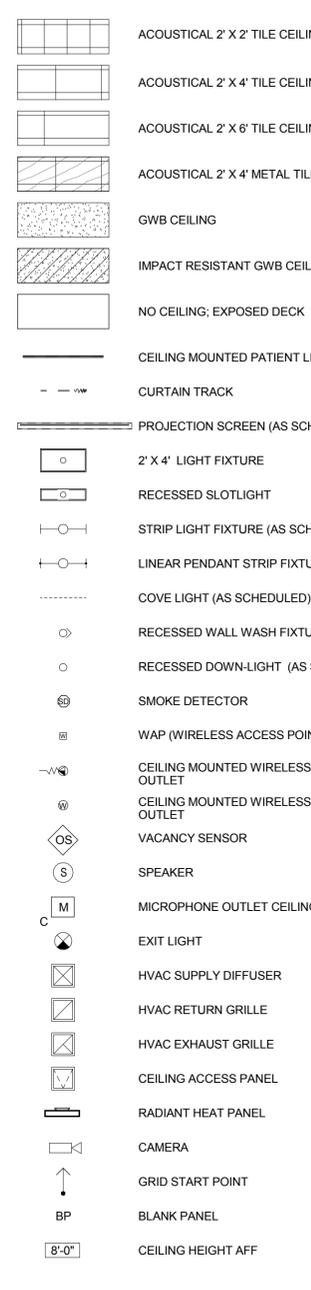
### ARCHITECTURAL SYMBOLS



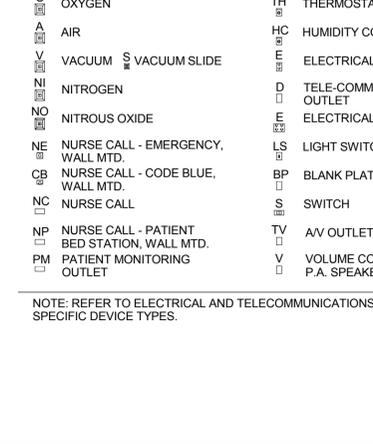
### DEMOLITION LEGEND



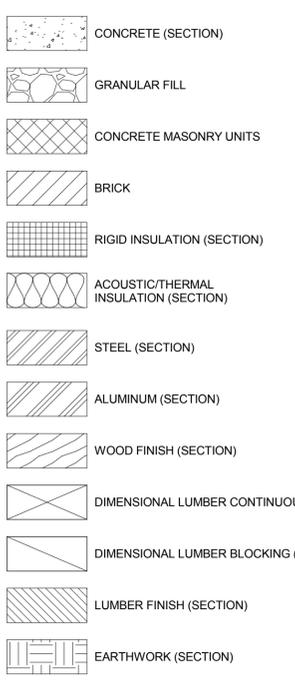
### RCP SYMBOL LEGEND



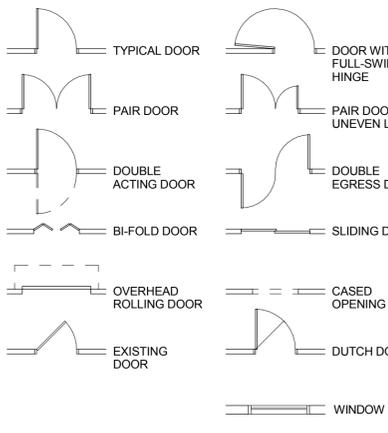
### ELEVATION SYMBOL LEGEND



### MATERIALS LEGEND



### DOOR AND WINDOW LEGEND



100% RESUBMISSION	09/23/16
100% SUBMISSION	06/17/16
65% SUBMISSION	11/06/15
SYM DESCRIPTION	DATE

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ARLINGTON, VIRGINIA 22201  
703-518-8500

APPROVED: \_\_\_\_\_  
FOR COMMANDER NAVFAC

ACTIVITY: \_\_\_\_\_

N/A

DES	EM	DRW	GB	CHK	HE
PRDM	ROBSON/NOURI				
GRAND MANAGER	N/A				
CHIEF ENGINEER	N/A				

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NAVFAC WASHINGTON  
NAVFAC BETHESDA, MD  
NSA/Bethesda, MD

**P114 MEDICAL CENTER ADDITION / ALTERATION**

GENERAL - ABBREVIATIONS, SYMBOLS & LEGENDS

SCALE: 1/8" = 1'-0"  
EPROJCT NO.: 1171746  
CONSTR. CONTR. NO.: N62470-09-D-9044  
NAVFAC DRAWING NO.: \_\_\_\_\_  
SHEET OF 0  
**G-005L**

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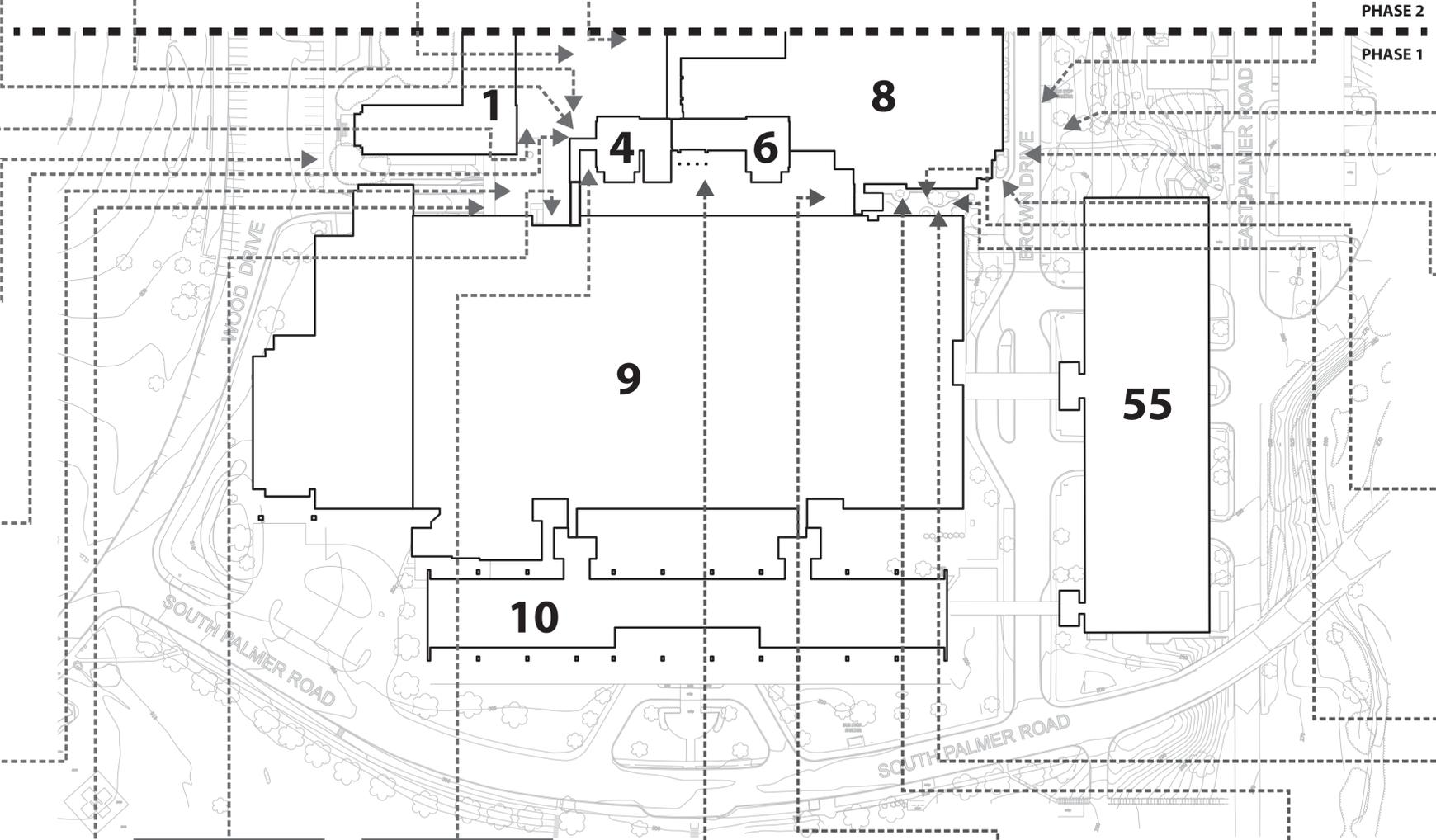
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100% SUBMISSION	06/17/16
65% SUBMISSION	11/06/15
SYM DESCRIPTION	DATE



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ACTIVITY		
SATISFACTORY TO DATE		
DES JG/DF	DRW HDR	CHK HE
PM/CI	SCHUENMEYER/NOURI	
BRANCH MANAGER	N/A	
CHIEF ENGINEER	N/A	

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ATLANTA  
NSA/Bethesda, MD  
BETHESDA, MD

**P114 MEDICAL CENTER ADDITION / ALTERATION**  
EXISTING CONDITIONS PHOTOS - PHASE 1

SCALE:	
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CONSTR. CONTR. NO.:	N62470-09-D-9044
NAVFAC DRAWING NO.:	
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<b>AD-511</b>	

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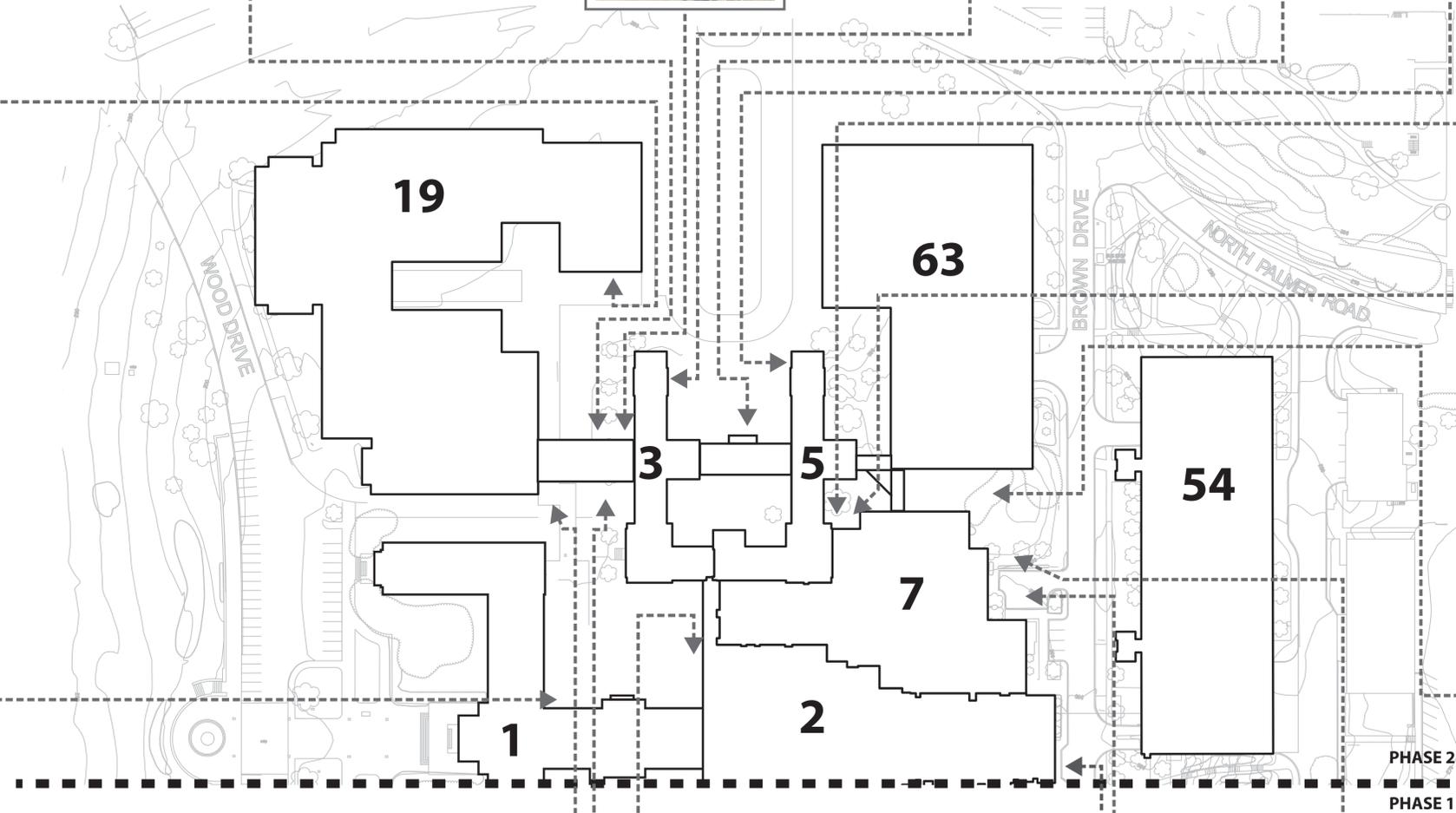
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100% SUBMISSION	06/17/16
65% SUBMISSION	11/06/15
SYM DESCRIPTION	DATE



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FOR COMMANDER NAVFAC		
ACTIVITY		
SATISFACTORY TO DATE		
DES JG/DF	DRW HDR	CHK HE
PM/CI	SCHUENMEYER/NOURI	
BRANCH MANAGER	N/A	
CHIEF ENGINEER	N/A	

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PHASE 2  
PHASE 1

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NAVFAC WASHINGTON  
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NSA/Bethesda, MD

**P114 MEDICAL CENTER ADDITION / ALTERATION**  
EXISTING CONDITIONS PHOTOS - PHASE 2

SCALE:	
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CONSTR. CONTR. NO.:	N62470-09-D-9044
NAVFAC DRAWING NO.:	
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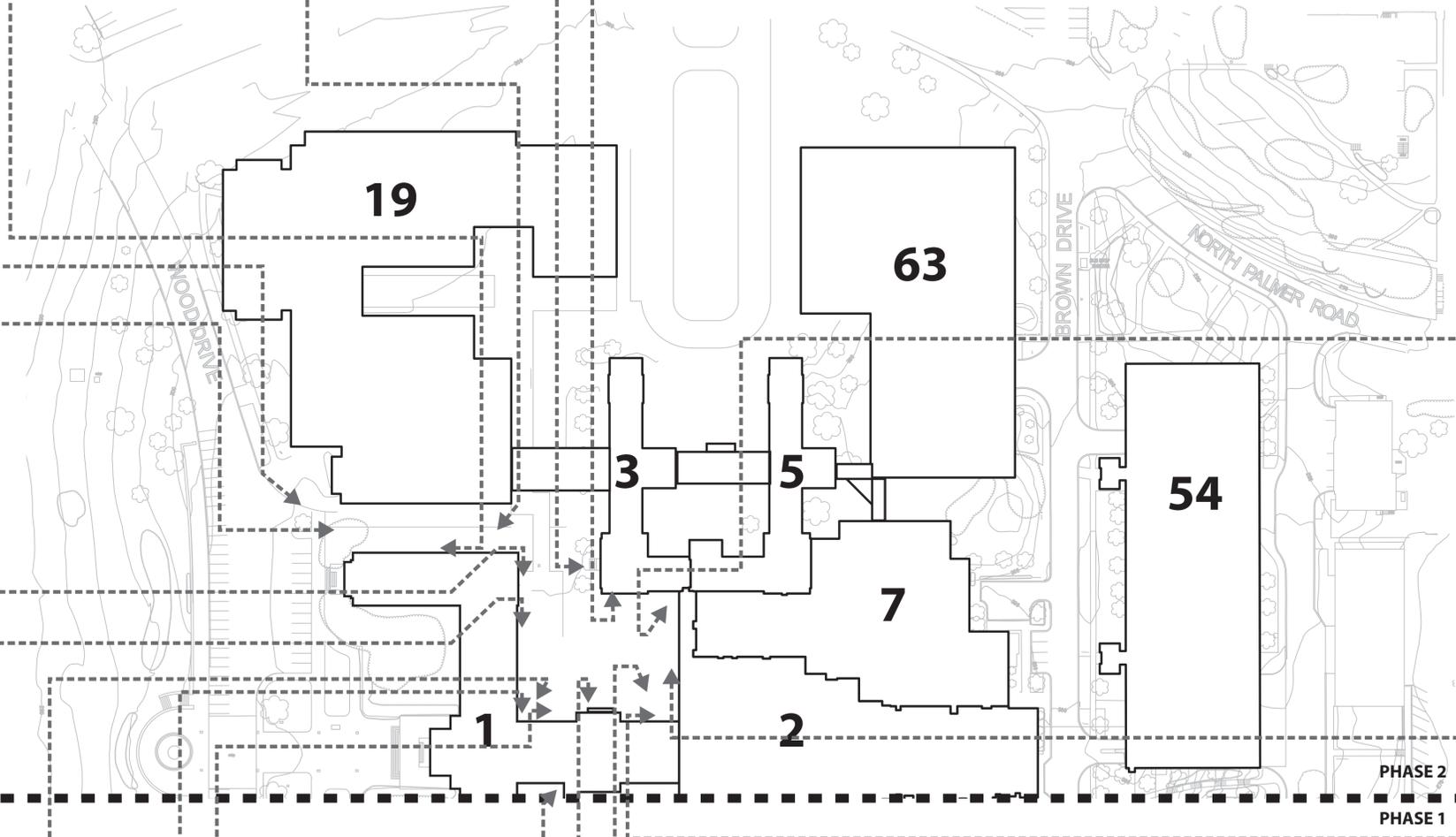
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100% SUBMISSION	06/17/16	
65% SUBMISSION	11/06/15	
SYM	DESCRIPTION	DATE



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ACTIVITY					
SATISFACTORY TO DATE					
DES	JG/DF	DRW	HDR	CHK	HE
PM/CI	SCHUENMEYER, NOURI				
BRANCH MANAGER	N/A				
CHIEF ENGINEER	N/A				

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NSA/Bethesda, MD

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NAVFAC WASHINGTON  
NSA/Bethesda, MD

**P114 MEDICAL CENTER ADDITION / ALTERATION**  
EXISTING CONDITIONS PHOTOS - PHASE 2

SCALE	
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CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	
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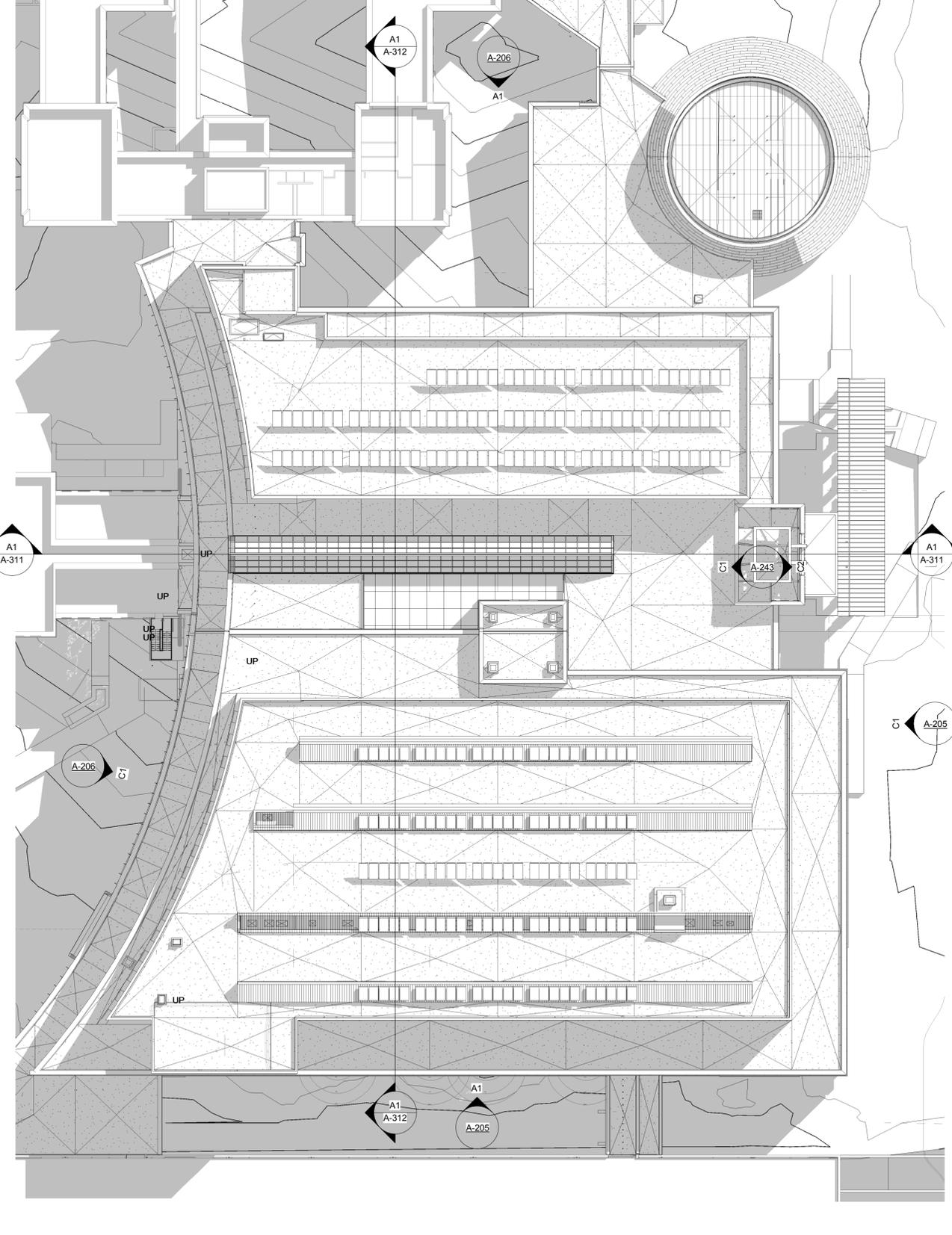
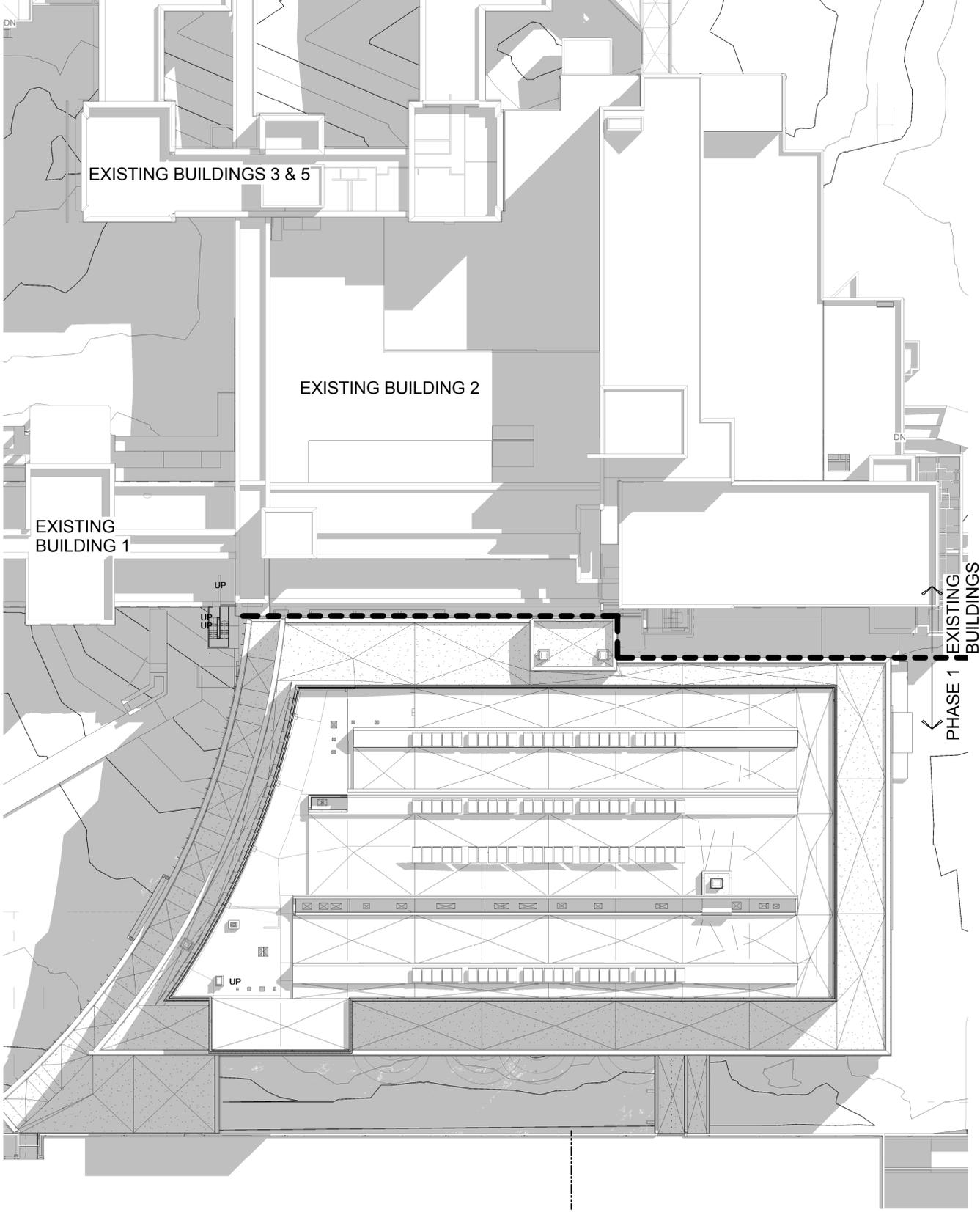
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**A1** OVERALL ORIENTATION PLAN - PHASE 1  
1" = 30'-0"

**A3** OVERALL ORIENTATION PLAN - PHASE 2  
1" = 30'-0"

100% RESUBMISSION	09/23/16
100% SUBMISSION	06/17/16
65% SUBMISSION	11/06/15
35% SUBMISSION	10/21/13
SYM	DESCRIPTION DATE



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FOR COMMANDER NAVFAC	
ACTIVITY	N/A
SATISFACTORY TO DATE	N/A
DES. JG/DF	DRW HDR CHK HE
PMCM	ROBSON/NOURI
BRANCH MANAGER	N/A
CHIEF ENGINEER	N/A

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NAVAL FACILITIES ENGINEERING COMMAND  
NAVFAC WASHINGTON  
AT LANTIC

NSA/Bethesda, MD  
P114 MEDICAL CENTER ADDITION / ALTERATION  
BETHESDA, MD

OVERALL ORIENTATION PLANS

SCALE	1" = 30'-0"
EPROJCT NO.	1171746
CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	

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**A-202**

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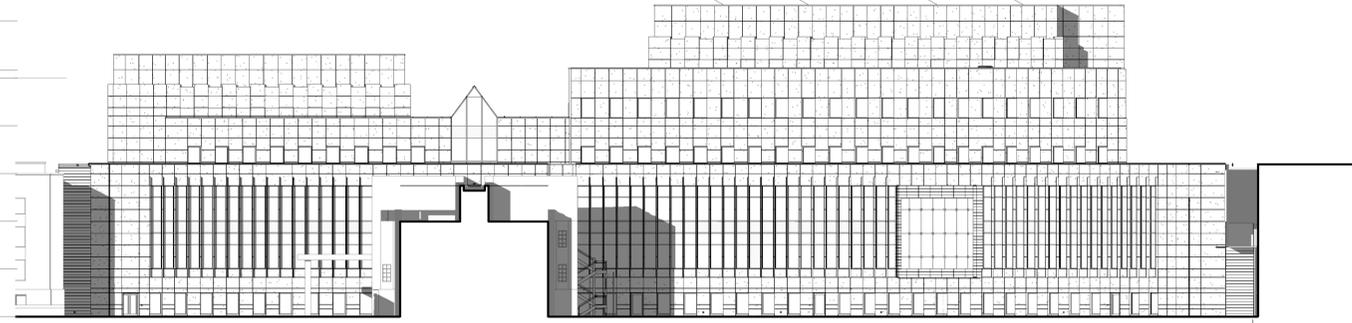
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EXTERIOR MATERIAL LEGEND

	PRECAST CONCRETE PANEL		METAL LOUVERS
	METAL PANEL RAINSCREEN SYSTEM		METAL PANEL SYSTEM (RECESSED FLAT SEAM)
	METAL PANEL SYSTEM		STONE BASE
	VISION GLASS		
	SHADOW BOX PANEL		

- MER ROOF 403' - 10"
- MER ROOF - P2 386' - 8"
- LEVEL 6 383' - 10"
- LEVEL 5 367' - 2"
- LEVEL 4 350' - 6"
- LEVEL 3 333' - 10"
- LEVEL 2 317' - 2"
- LEVEL 1 300' - 6"
- BASEMENT 283' - 2"



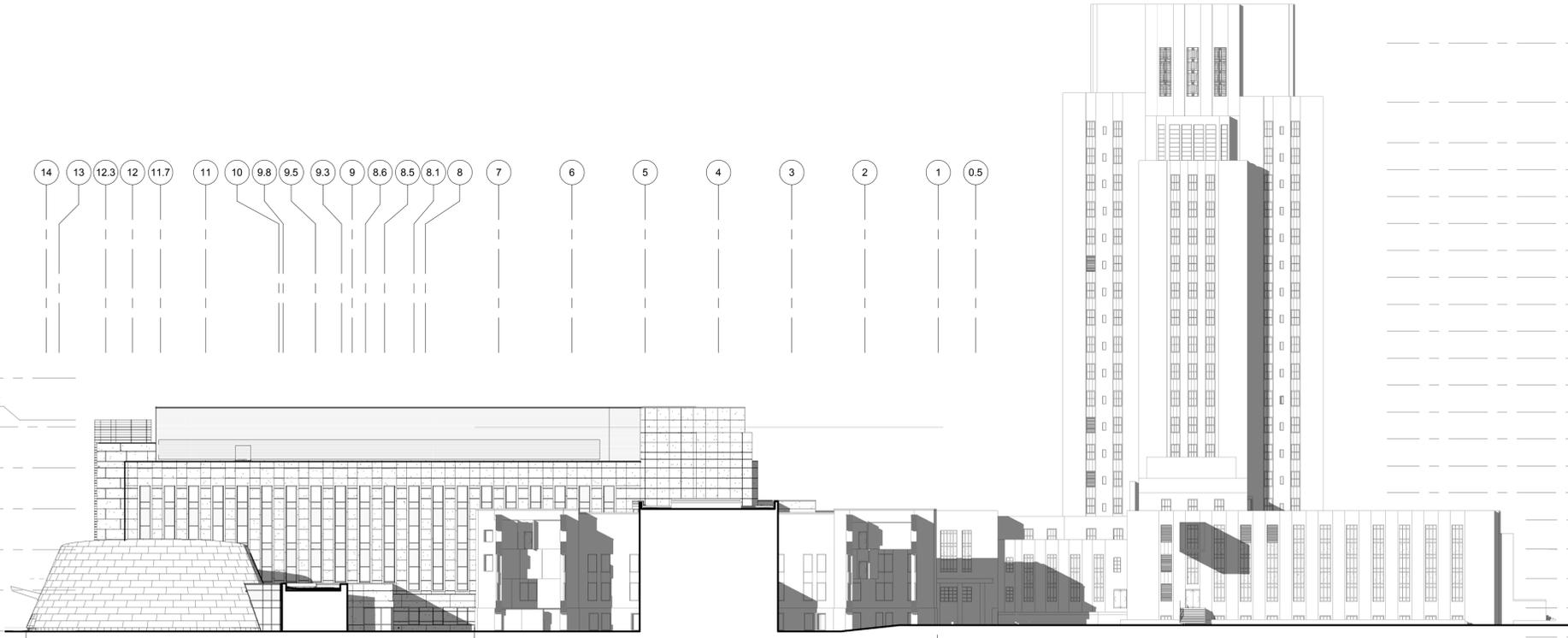
416' - 3 27/32" 6' - 7 1/4"

C1 WEST ELEVATION - OVERALL  
1/32" = 1'-0"

0 16'-0" 32'-0" 64'-0"

14 13 12.3 12 11.7 11 10 9.8 9.5 9.3 9 8.6 8.5 8.1 8 7 6 5 4 3 2 1 0.5

- MER ROOF 403' - 10"
- MER ROOF - P2 386' - 8"
- LEVEL 6 383' - 10"
- LEVEL 5 367' - 2"
- LEVEL 4 350' - 6"
- LEVEL 3 333' - 10"
- LEVEL 2 317' - 2"
- LEVEL 1 300' - 6"
- BASEMENT 283' - 2"



BUILDING C - PHASE 2 EXISTING BUILDING 3 & 5 EXISTING BUILDING 1

- 21ST FLOOR 540' - 9"
- 20TH FLOOR 516' - 6"
- 19TH FLOOR 500' - 0"
- 18TH FLOOR 489' - 0"
- 17TH FLOOR 478' - 0"
- 16TH FLOOR 467' - 0"
- 15TH FLOOR 456' - 0"
- 14TH FLOOR 445' - 0"
- 13TH FLOOR 434' - 0"
- 12TH FLOOR 423' - 0"
- 11TH FLOOR 412' - 0"
- 10TH FLOOR 401' - 0"
- 9TH FLOOR 390' - 0"
- 8TH FLOOR 379' - 0"
- 7TH FLOOR 368' - 0"
- 6TH FLOOR 357' - 0"
- 5TH FLOOR 346' - 0"
- 4TH FLOOR 334' - 0"
- 3RD FLOOR 322' - 0"
- 2ND FLOOR 310' - 0"
- 1ST FLOOR 298' - 0"

A1 NORTH ELEVATION - OVERALL  
1/32" = 1'-0"

0 16'-0" 32'-0" 64'-0"

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100% RESUBMISSION	09/23/16
100% SUBMISSION	06/17/16
65% SUBMISSION	11/06/15
35% SUBMISSION	10/21/13
SYM	DESCRIPTION DATE



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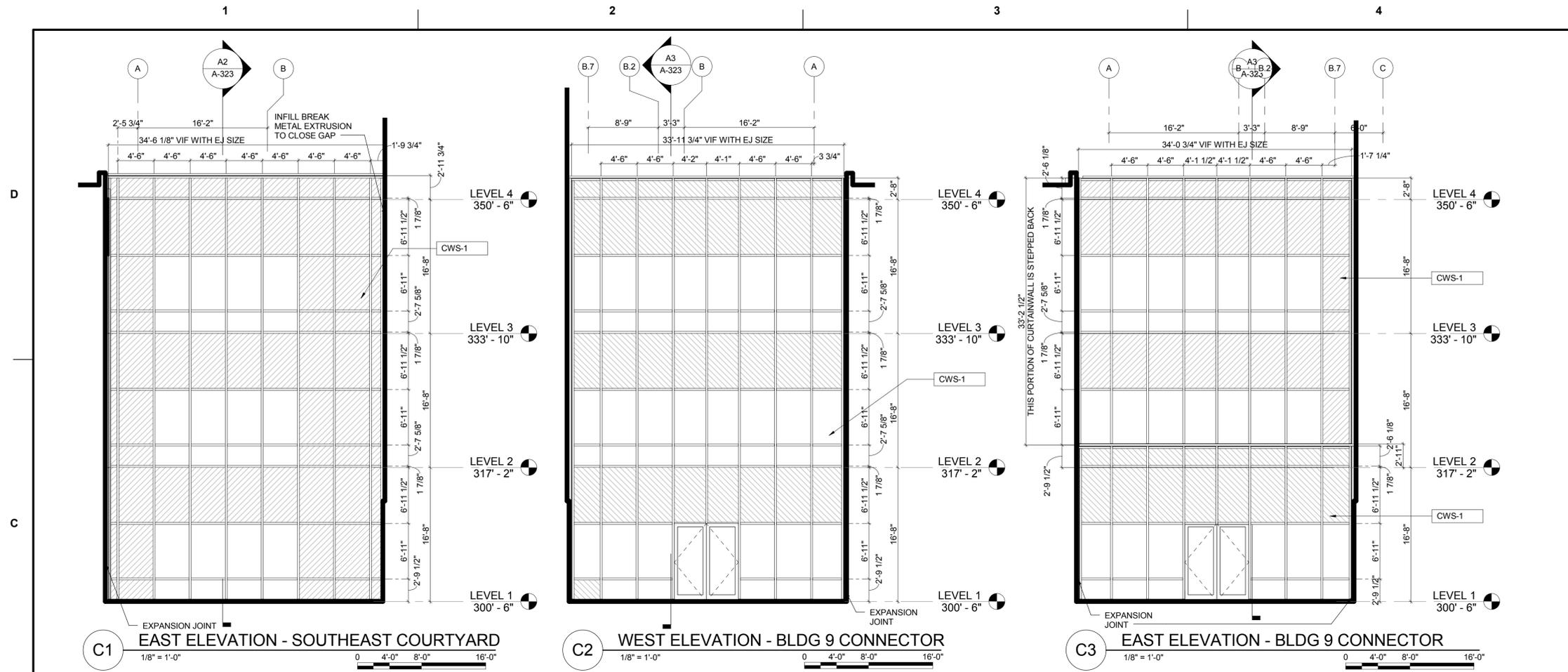
ARCHITECTURE | ENGINEERING & CONSULTING  
3001 WASHINGTON BLVD. SUITE 200 ARLINGTON, VIRGINIA 22201 703-518-8500

APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	N/A
SATISFACTORY TO DATE	N/A
DES	JG/DF
DRW	HDR
CHK	HE
PM	ROBSON/NOURI
BRANCH MANAGER	N/A
CHIEF ENGINEER	N/A

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND  
AT LANTIC  
NSA/Bethesda, MD  
P114 MEDICAL CENTER ADDITION / ALTERATION  
BETHESDA, MD  
EXTERIOR ELEVATIONS - OVERALL

SCALE	As indicated
EPROJECT NO.	1171746
CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	
SHEET	OF
A-206	





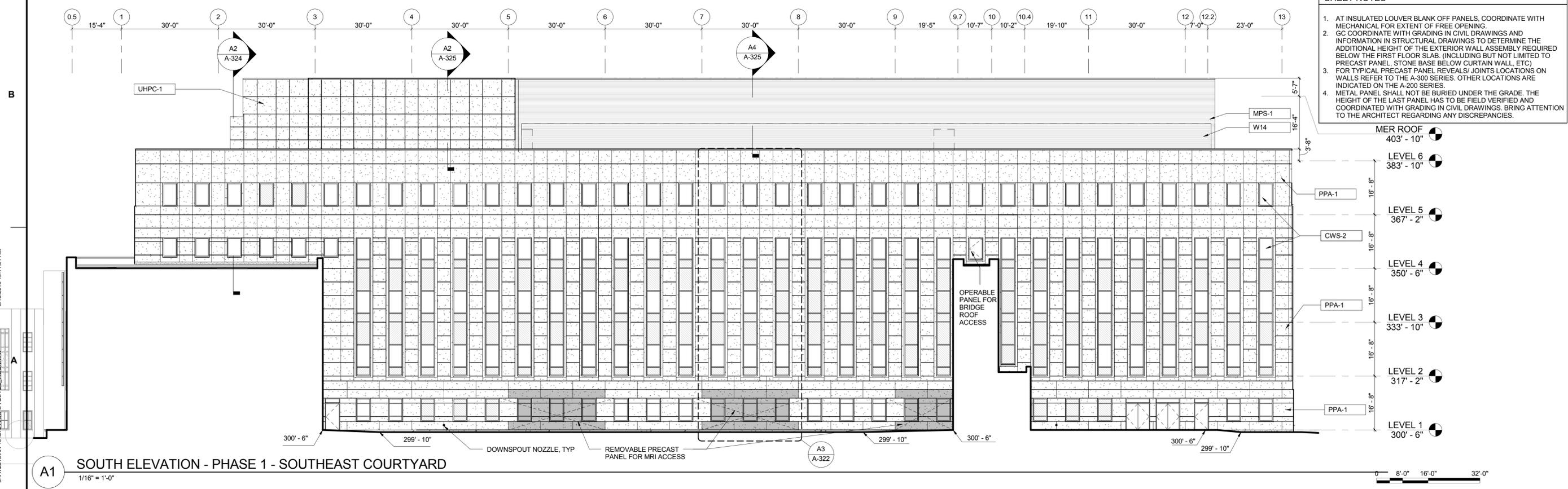
EXTERIOR ASSEMBLIES	
TAG	ASSEMBLY DESCRIPTION
BSGS-1	BOLTED STRUCTURAL GLAZED SYSTEM - 1
CWS-1	CURTAIN WALL SYSTEM - 1 BLAST RESISTANT GLAZED ALUMINUM CURTAIN WALL SYSTEM 3" X 8 1/4" WITH ANODIZED DARK BRONZE FRAME FINISH
CWS-2	CURTAIN WALL SYSTEM - 2 BLAST RESISTANT GLAZED ALUMINUM CURTAIN WALL SYSTEM AT CURTAIN WALL / WINDOWS 3" X 8 1/4" WITH ANODIZED DARK BRONZE FRAME FINISH
CWS-3	CURTAIN WALL SKYLIGHT SYSTEM - 3 BLAST RESISTANT GLAZED ALUMINUM SKYLIGHT SYSTEM 2 1/2" X 10" WITH ANODIZED DARK BRONZE FRAME FINISH
EPDM	ETHYLENE-PROPYLENE-DIENE-MONOMER ROOFING
ESCD	EXTERIOR SUN CONTROL DEVICE
FSMR-1	FLAT SEAM METAL ROOF AND SOFFIT SYSTEM ON METAL FRAMING
CMU-1	SYNTHETIC STUCCO ON CONCRETE MASONRY UNIT
ML-1	METAL LOUVERS
MWPCS-1	METAL WALL CASSETTE PANEL & SOFFIT SYSTEM ON METAL STUD FRAMING
MWPCS-2	METAL WALL CASSETTE PANEL SYSTEM ON PRECAST
MPS-1	METAL WALL PANEL SYSTEM ON METAL STUD FRAMING
MPS-2	RECESSED FLAT SEAM PANEL ON METAL STUD FRAMING
PMRS-1	PROTECTED MEMBRANE ROOFING SYSTEM -1 WITH REFLECTIVE PAVER BALLAST ON CONCRETE SLAB
PMRS-1A	PROTECTED MEMBRANE ROOFING SYSTEM -1A WITH REFLECTIVE PAVER BALLAST ON SLOPED LIGHTWEIGHT STRUCTURAL TOPPING
PMRS-1B	PROTECTED MEMBRANE ROOFING SYSTEM -1B WITH REFLECTIVE PAVERS ON COMPOSITE CONCRETE DECK
PMRS-2	PROTECTED MEMBRANE ROOFING SYSTEM -2 WITH STANDARD PAVERS ON ADJUSTABLE PEDESTALS (TERRACE)
PPA-1	PRECAST PANEL SYSTEM -1
PPA-2	PRECAST PANEL SYSTEM -2
UHPC-1	ULTRA HIGH PERFORMANCE CONCRETE SYSTEM -1 ON METAL STUD FRAMING

EXTERIOR MATERIAL LEGEND	
	PRECAST CONCRETE PANEL
	METAL LOUVERS
	METAL PANEL RAINSCREEN SYSTEM
	METAL PANEL SYSTEM (RECESSED FLAT SEAM)
	METAL PANEL SYSTEM
	STONE BASE
	VISION GLASS
	SHADOW BOX PANEL

EXTERIOR FIXTURE LEGEND	
	DOWN SPOUT NOZZLE

- SHEET NOTES**
- AT INSULATED LOUVER BLANK OFF PANELS, COORDINATE WITH MECHANICAL FOR EXTENT OF FREE OPENING.
  - CC COORDINATE WITH GRADING IN CIVIL DRAWINGS AND INFORMATION IN STRUCTURAL DRAWINGS TO DETERMINE THE ADDITIONAL HEIGHT OF THE EXTERIOR WALL ASSEMBLY REQUIRED BELOW THE FIRST FLOOR SLAB. (INCLUDING BUT NOT LIMITED TO PRECAST PANEL, STONE BASE BELOW CURTAIN WALL, ETC)
  - FOR TYPICAL PRECAST PANEL REVEALS/ JOINTS LOCATIONS ON WALLS REFER TO THE A-300 SERIES. OTHER LOCATIONS ARE INDICATED ON THE A-200 SERIES.
  - METAL PANEL SHALL NOT BE BURIED UNDER THE GRADE. THE HEIGHT OF THE LAST PANEL HAS TO BE FIELD VERIFIED AND COORDINATED WITH GRADING IN CIVIL DRAWINGS. BRING ATTENTION TO THE ARCHITECT REGARDING ANY DISCREPANCIES.



100% RESUBMISSION	09/23/16
100% SUBMISSION	08/17/16
65% SUBMISSION	11/08/15
35% SUBMISSION	10/21/13
SYM	DESCRIPTION DATE

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3001 WASHINGTON BLVD. SUITE 200 ARLINGTON, VIRGINIA 22201 703-516-8800

FOR COMMANDER NAVFAC ACTIVITY

N/A

SAFETY TO DATE N/A

DES JGD/DF DRN HDR CHK HE

PNMID ROBSON/NOURI

BRANCH MANAGER N/A

CHIEF ENGINEER N/A

NAVFAC WASHINGTON

NSA/Bethesda, MD

BETHESDA, MD

P114 MEDICAL CENTER ADDITION / ALTERATION

EXTERIOR ELEVATIONS - PHASE 1 BLDG C

SCALE: As indicated

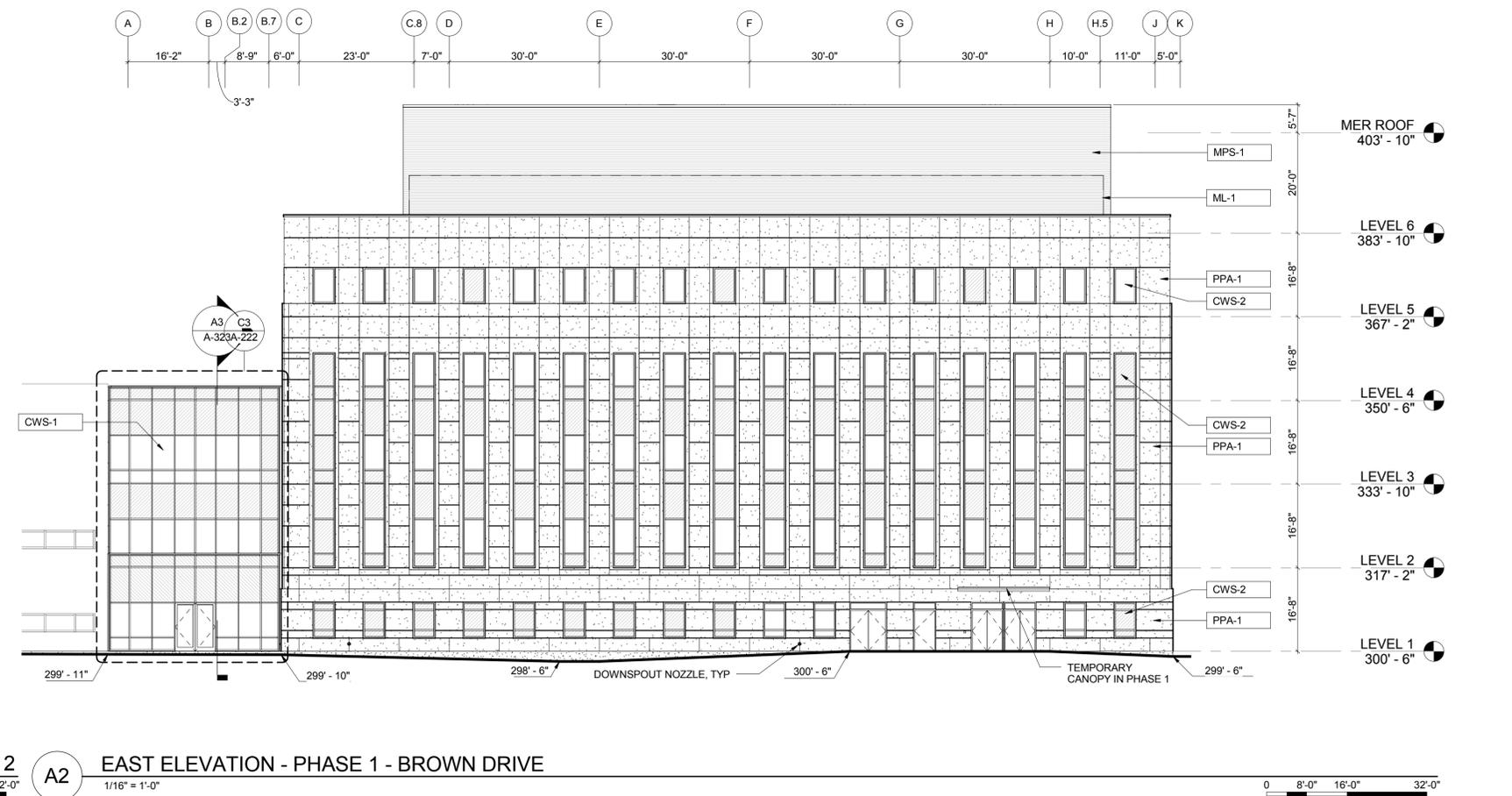
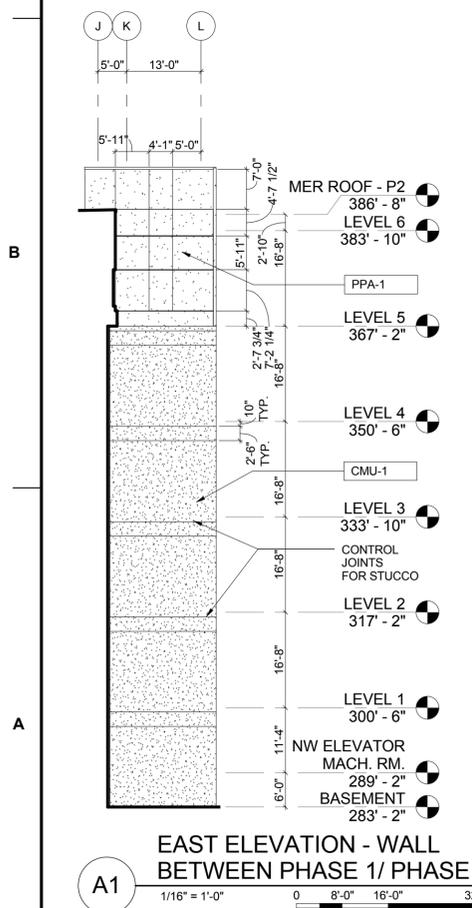
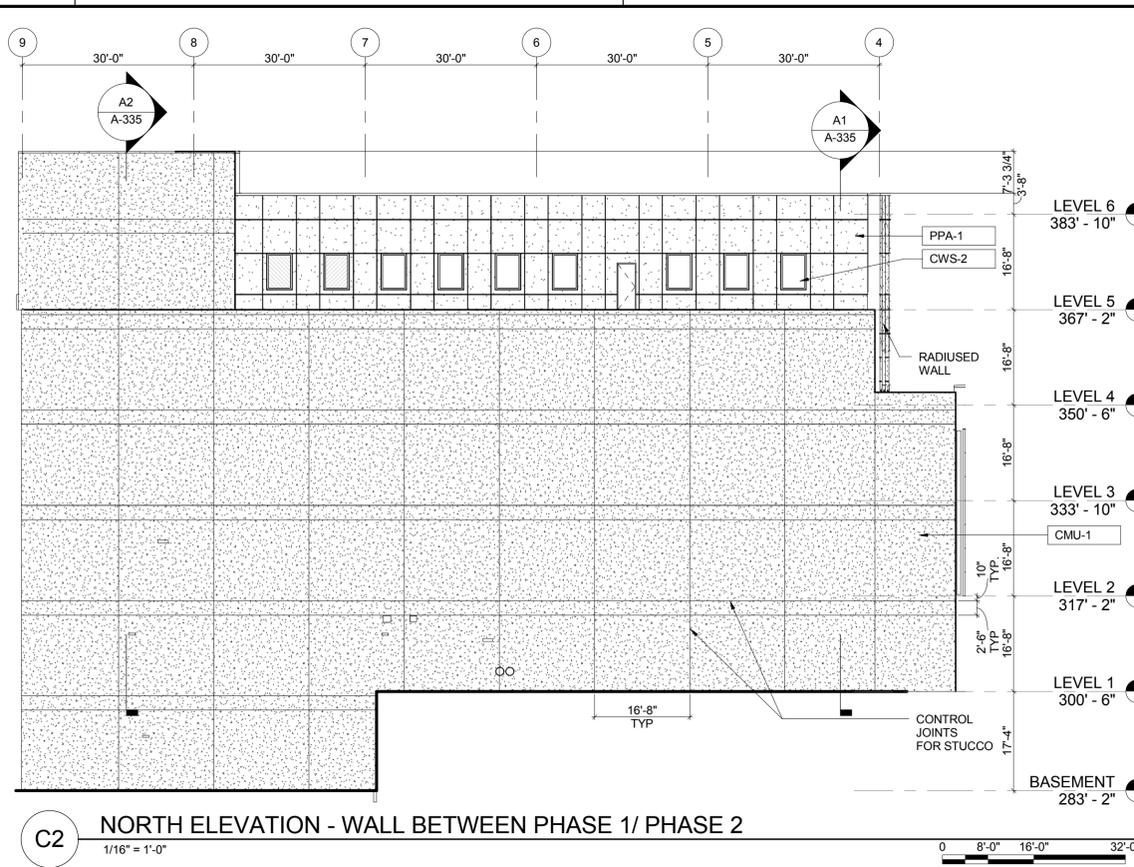
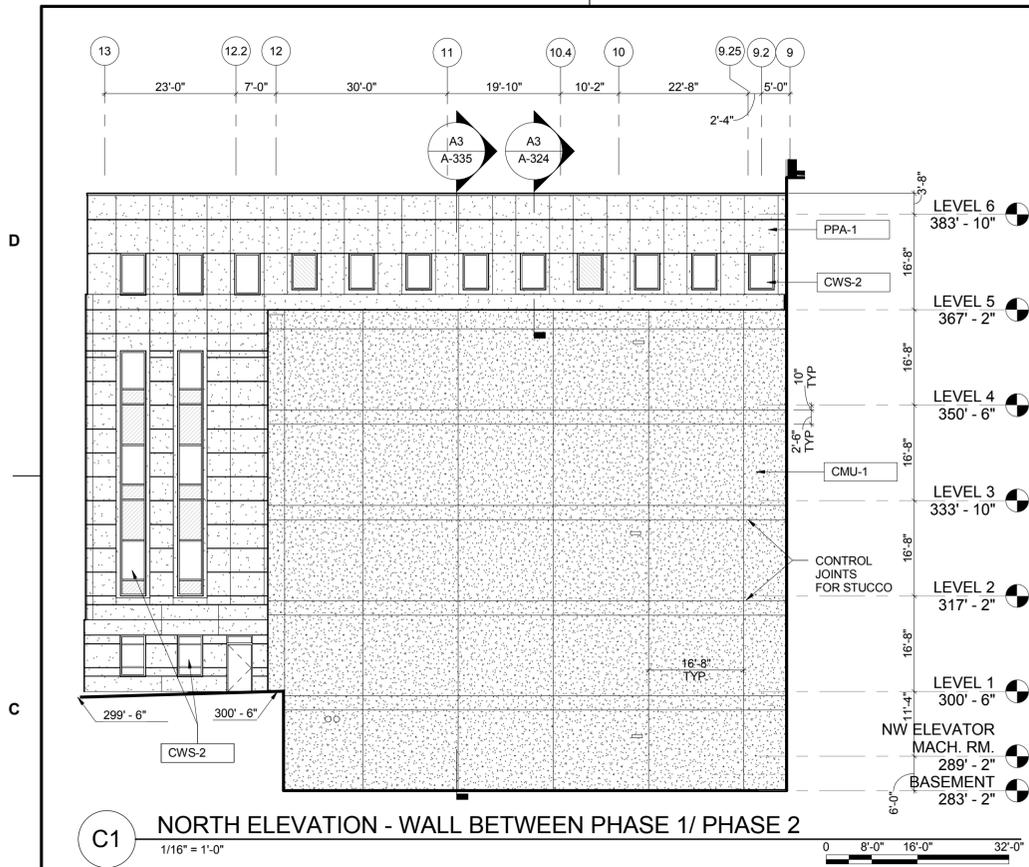
PROJECT NO.: 1171746

CONSTR. CONTR. NO.: N62470-09-D-9044

NAVFAC DRAWING NO.:

SHEET OF

**A-222**



EXTERIOR ASSEMBLIES	
TAG	ASSEMBLY DESCRIPTION
BSGS-1	BOLTED STRUCTURAL GLAZED SYSTEM - 1
CWS-1	CURTAIN WALL SYSTEM - 1 BLAST RESISTANT GLAZED ALUMINUM CURTAIN WALL SYSTEM 3" X 8 1/4" WITH ANODIZED DARK BRONZE FRAME FINISH
CWS-2	CURTAIN WALL SYSTEM - 2 BLAST RESISTANT GLAZED ALUMINUM CURTAIN WALL SYSTEM AT CURTAIN WALL / WINDOWS 3" X 8 1/4" WITH ANODIZED DARK BRONZE FRAME FINISH
CWS-3	CURTAIN WALL SKYLIGHT SYSTEM - 3 BLAST RESISTANT GLAZED ALUMINUM SKYLIGHT SYSTEM 2 1/2" X 10" WITH ANODIZED DARK BRONZE FRAME FINISH
EPDM	ETHYLENE-PROPYLENE-DIENE-MONOMER ROOFING
ESCD	EXTERIOR SUN CONTROL DEVICE
FSMR-1	FLAT SEAM METAL ROOF AND SOFFIT SYSTEM ON METAL FRAMING
CMU-1	SYNTHETIC STUCCO ON CONCRETE MASONRY UNIT
ML-1	METAL LOUVERS
MWCP-1	METAL WALL CASSETTE PANEL & SOFFIT SYSTEM ON METAL STUD FRAMING
MWCP-2	METAL WALL CASSETTE PANEL SYSTEM ON PRECAST
MPS-1	METAL WALL PANEL SYSTEM ON METAL STUD FRAMING
MPS-2	RECESSED FLAT SEAM PANEL ON METAL STUD FRAMING
PMRS-1	PROTECTED MEMBRANE ROOFING SYSTEM - 1 WITH REFLECTIVE PAVER BALLAST ON CONCRETE SLAB
PMRS-1A	PROTECTED MEMBRANE ROOFING SYSTEM - 1A WITH REFLECTIVE PAVER BALLAST ON SLOPED LIGHTWEIGHT STRUCTURAL TOPPING
PMRS-1B	PROTECTED MEMBRANE ROOFING SYSTEM - 1B WITH REFLECTIVE PAVERS ON COMPOSITE CONCRETE DECK
PMRS-2	PROTECTED MEMBRANE ROOFING SYSTEM - 2 WITH STANDARD PAVERS ON ADJUSTABLE PEDESTALS (TERRACE)
PPA-1	PRECAST PANEL SYSTEM - 1
PPA-2	PRECAST PANEL SYSTEM - 2
UHPC-1	ULTRA HIGH PERFORMANCE CONCRETE SYSTEM - 1 ON METAL STUD FRAMING

EXTERIOR MATERIAL LEGEND	
	PRECAST CONCRETE PANEL
	METAL PANEL RAINSCREEN SYSTEM
	METAL PANEL SYSTEM
	VISION GLASS
	SHADOW BOX PANEL
	METAL LOUVERS
	METAL PANEL SYSTEM (RECESSED FLAT SEAM)
	STONE BASE

EXTERIOR FIXTURE LEGEND	
	DOWN SPOUT NOZZLE

- SHEET NOTES**
- AT INSULATED LOUVER BLANK OFF PANELS, COORDINATE WITH MECHANICAL FOR EXTENT OF FREE OPENING.
  - GC COORDINATE WITH GRADING IN CIVIL DRAWINGS AND INFORMATION IN STRUCTURAL DRAWINGS TO DETERMINE THE ADDITIONAL HEIGHT OF THE EXTERIOR WALL ASSEMBLY REQUIRED BELOW THE FIRST FLOOR SLAB. (INCLUDING BUT NOT LIMITED TO PRECAST PANEL, STONE BASE BELOW CURTAIN WALL, ETC)
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100% RESUBMISSION	09/23/16	
100% SUBMISSION	08/17/16	
65% SUBMISSION	11/06/15	
35% SUBMISSION	10/21/13	
SYM	DESCRIPTION	DATE

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3001 WASHINGTON BLVD. SUITE 200 ARLINGTON, VIRGINIA 22201 703-516-8800

APPROVED: \_\_\_\_\_  
FOR COMMANDER NAVFAC

ACTIVITY: N/A

SATISFACTORY TO DATE: N/A

DES: JG/DF (DR) HDR (CR) HE

PM/DM: ROBSON/NOURI

BRANCH MANAGER: N/A

CHIEF ENGINEER: N/A

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON ATLANTIC  
NSA/Bethesda, MD  
P114 MEDICAL CENTER ADDITION / ALTERATION  
BETHESDA, MD

SCALE: As indicated  
EPROJCT NO.: 1171746  
CONSTR. CONTR. NO.: N62470-09-D-9044  
NAVFAC DRAWING NO.:  
SHEET: OF

**A-223**

EXTERIOR ELEVATIONS - PHASE 1 BLDG C

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**SHEET NOTES**

1. AT INSULATED LOUVER BLANK OFF PANELS, COORDINATE WITH MECHANICAL FOR EXTENT OF FREE OPENING.
2. GC COORDINATE WITH GRADING IN CIVIL DRAWINGS AND INFORMATION IN STRUCTURAL DRAWINGS TO DETERMINE THE ADDITIONAL HEIGHT OF THE EXTERIOR WALL ASSEMBLY REQUIRED BELOW THE FIRST FLOOR SLAB. (INCLUDING BUT NOT LIMITED TO PRECAST PANEL, STONE BASE BELOW CURTAIN WALL, ETC.) FOR TYPICAL PRECAST PANEL REVEALS/ JOINTS LOCATIONS ON WALLS REFER TO THE A-300 SERIES. OTHER LOCATIONS ARE INDICATED ON THE A-200 SERIES.
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EXTERIOR ASSEMBLIES	
TAG	ASSEMBLY DESCRIPTION
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CWS-2	CURTAIN WALL SYSTEM - 2 BLAST RESISTANT GLAZED ALUMINUM CURTAIN WALL SYSTEM AT CURTAIN WALL / WINDOWS 3" X 8 1/4" WITH ANODIZED DARK BRONZE FRAME FINISH
CWS-3	CURTAIN WALL SKYLIGHT SYSTEM - 3 BLAST RESISTANT GLAZED ALUMINUM SKYLIGHT SYSTEM 2 1/2" X 10" WITH ANODIZED DARK BRONZE FRAME FINISH
EPDM	ETHYLENE-PROPYLENE-DIENE-MONOMER ROOFING
ESCD	EXTERIOR SUN CONTROL DEVICE
FSMR-1	FLAT SEAM METAL ROOF AND SOFFIT SYSTEM ON METAL FRAMING
CMU-1	SYNTHETIC STUCCO ON CONCRETE MASONRY UNIT
ML-1	METAL LOUVERS
MWCPS-1	METAL WALL CASSETTE PANEL & SOFFIT SYSTEM ON METAL STUD FRAMING
MWCPS-2	METAL WALL CASSETTE PANEL SYSTEM ON PRECAST
MPS-1	METAL WALL PANEL SYSTEM ON METAL STUD FRAMING
MPS-2	RECESSED FLAT SEAM PANEL ON METAL STUD FRAMING
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PMRS-1A	PROTECTED MEMBRANE ROOFING SYSTEM -1A WITH REFLECTIVE PAVER BALLAST ON SLOPED LIGHTWEIGHT STRUCTURAL TOPPING
PMRS-1B	PROTECTED MEMBRANE ROOFING SYSTEM -1B WITH REFLECTIVE PAVERS ON COMPOSITE CONCRETE DECK
PMRS-2	PROTECTED MEMBRANE ROOFING SYSTEM -2 WITH STANDARD PAVERS ON ADJUSTABLE PEDESTALS (TERRACE)
PPA-1	PRECAST PANEL SYSTEM - 1
PPA-2	PRECAST PANEL SYSTEM - 2
UHPC-1	ULTRA HIGH PERFORMANCE CONCRETE SYSTEM - 1 ON METAL STUD FRAMING

SYM	DESCRIPTION	DATE
100% RESUBMISSION		09/23/16
100% SUBMISSION		06/17/16
65% SUBMISSION		11/06/15
35% SUBMISSION		10/21/13



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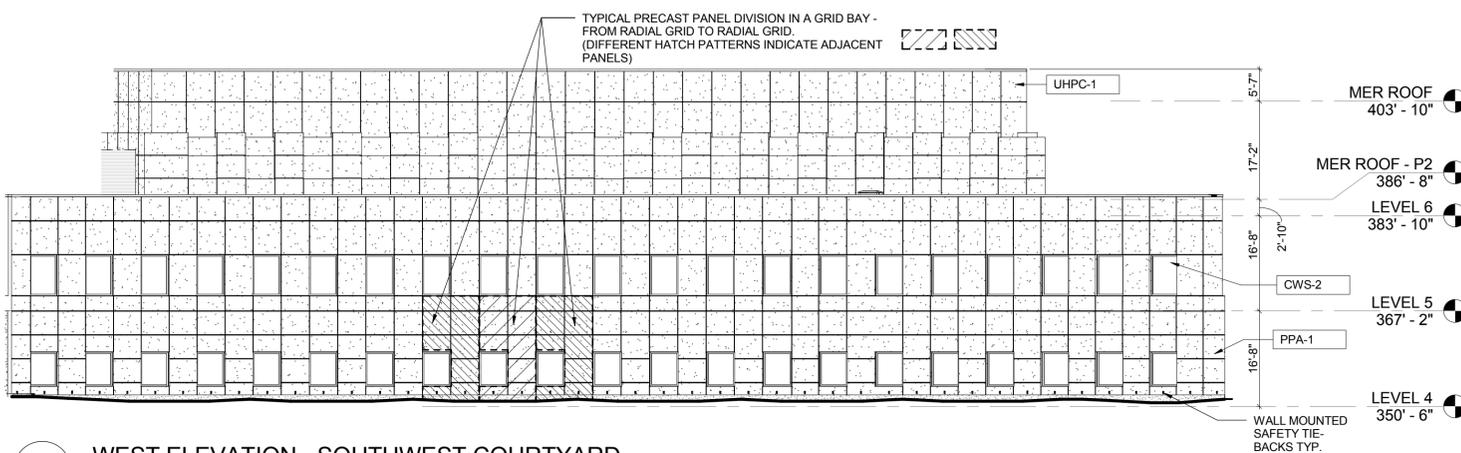


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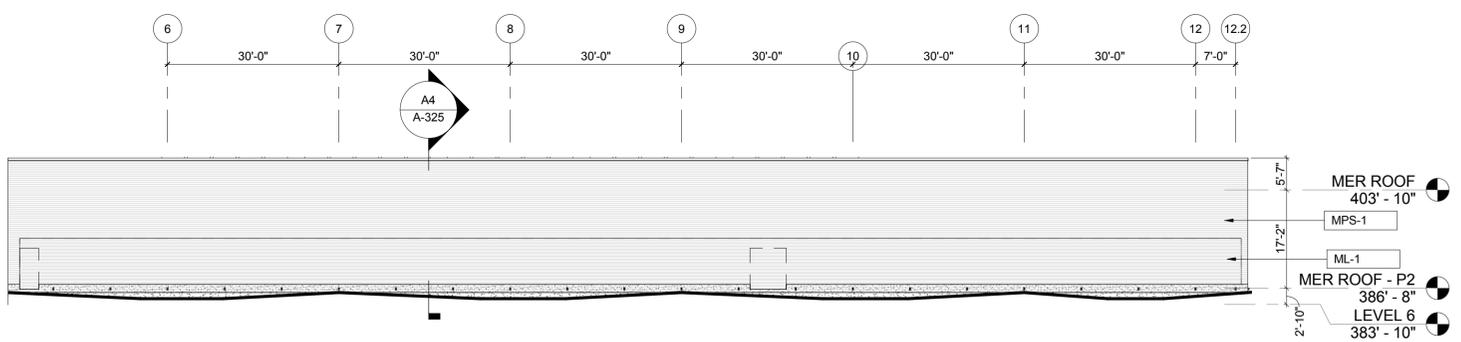
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	N/A
SATISFACTORY TO DATE	N/A
DES. JG/DF   DRW. HDR   CHK. HE	
PMCM. ROBSON/NOURI	
BRANCH MANAGER	N/A
CHIEF ENGINEER	N/A

NAVAL FACILITIES ENGINEERING COMMAND  
NAVFAC WASHINGTON  
VIRGINIA - BETHESDA, MD  
BETHESDA, MD  
P114 MEDICAL CENTER ADDITION / ALTERATION  
EXTERIOR ELEVATIONS - PHASE 1 BLDG C

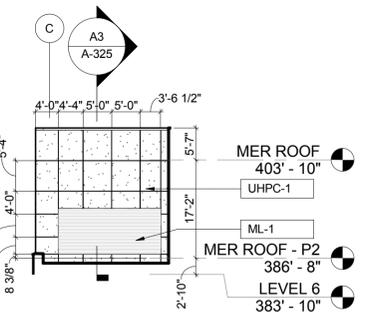
SCALE	As indicated
EPROJCT NO.	1171746
CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	
SHEET	OF
<b>A-224</b>	



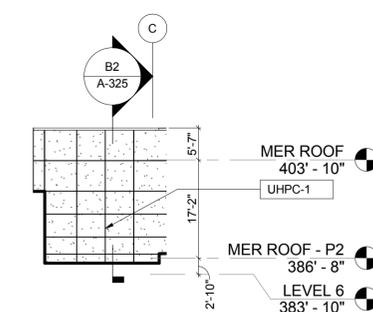
**C1 WEST ELEVATION - SOUTHWEST COURTYARD**  
1/16" = 1'-0"  
0 8'-0" 16'-0" 32'-0"



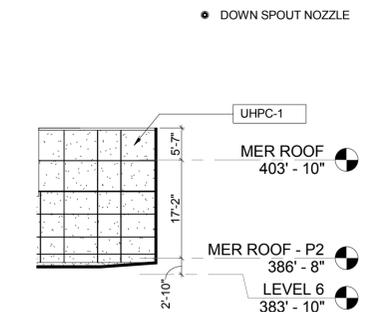
**B1 SOUTH ELEVATION PENTHOUSE FACING BUILDING 9**  
1/16" = 1'-0"  
0 8'-0" 16'-0" 32'-0"



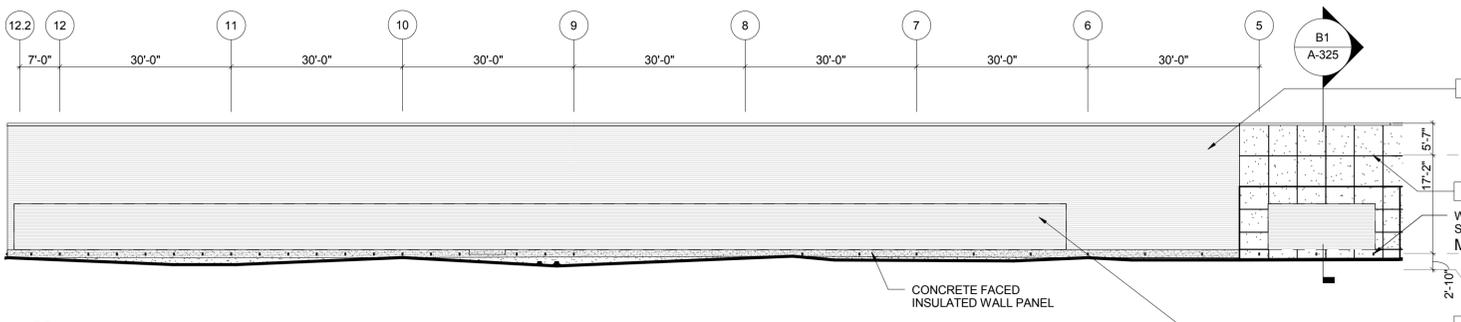
**B3 EAST ELEVATION**  
1/16" = 1'-0"  
0 8'-0" 16'-0" 32'-0"



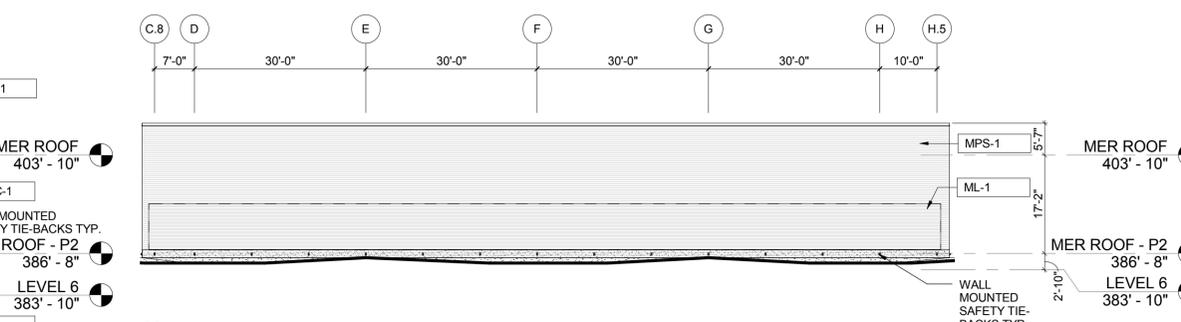
**B4 WEST ELEVATION**  
1/16" = 1'-0"  
0 8'-0" 16'-0" 32'-0"



**B5 SOUTH ELEVATION**  
1/16" = 1'-0"  
0 8'-0" 16'-0" 32'-0"

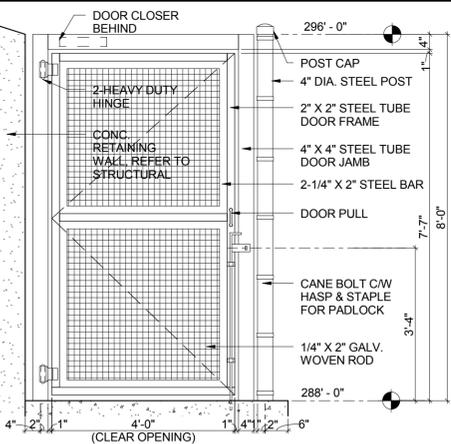


**A1 NORTH ELEVATION PENTHOUSE FACING PHASE 2**  
1/16" = 1'-0"  
0 8'-0" 16'-0" 32'-0"

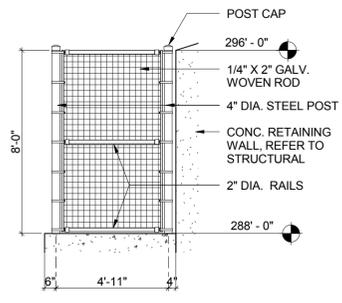


**A4 EAST ELEVATION PENTHOUSE FACING BROWN DRIVE**  
1/16" = 1'-0"  
0 8'-0" 16'-0" 32'-0"

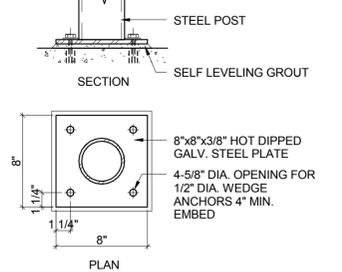
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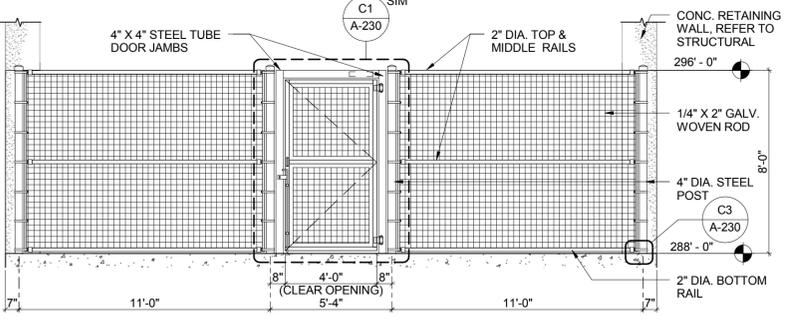
**C1 COMM. CENTER - GATE**  
1/2" = 1'-0"



**C2 COMM. CENTER - FENCE**  
1/4" = 1'-0"



**C3 DETAIL - POST ANCHOR BASE**  
1 1/2" = 1'-0"



**C4 EL - COMM CENTER - FENCE**  
1/4" = 1'-0"

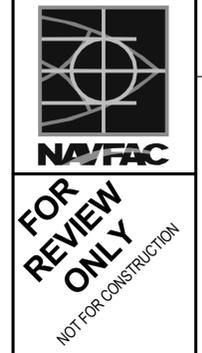
**EXTERIOR FIXTURE LEGEND**  
● DOWN SPOUT NOZZLE

**EXTERIOR MATERIAL LEGEND**

- PRECAST CONCRETE PANEL
- METAL PANEL RAINSCREEN SYSTEM
- METAL PANEL SYSTEM
- VISION GLASS
- SHADOW BOX PANEL
- METAL LOUVERS
- METAL PANEL SYSTEM (RECESSED FLAT SEAM)
- STONE BASE

TAG	ASSEMBLY DESCRIPTION
BSGS-1	BOLTED STRUCTURAL GLAZED SYSTEM - 1
CWS-1	CURTAIN WALL SYSTEM - 1 BLAST RESISTANT GLAZED ALUMINUM CURTAIN WALL SYSTEM 3" X 8 1/4" WITH ANODIZED DARK BRONZE FRAME FINISH
CWS-2	CURTAIN WALL SYSTEM - 2 BLAST RESISTANT GLAZED ALUMINUM CURTAIN WALL SYSTEM AT CURTAIN WALL / WINDOWS 3" X 8 1/4" WITH ANODIZED DARK BRONZE FRAME FINISH
CWS-3	CURTAIN WALL SKYLIGHT SYSTEM - 3 BLAST RESISTANT GLAZED ALUMINUM SKYLIGHT SYSTEM 2 1/2" X 10" WITH ANODIZED DARK BRONZE FRAME FINISH
EPDM	ETHYLENE-PROPYLENE-DIENE-MONOMER ROOFING
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FSMR-1	FLAT SEAM METAL ROOF AND SOFFIT SYSTEM ON METAL FRAMING
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MWCP-1	METAL WALL CASSETTE PANEL & SOFFIT SYSTEM ON METAL STUD FRAMING
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PMRS-1	PROTECTED MEMBRANE ROOFING SYSTEM - 1 WITH REFLECTIVE PAVER BALLAST ON CONCRETE SLAB
PMRS-1A	PROTECTED MEMBRANE ROOFING SYSTEM - 1A WITH REFLECTIVE PAVER BALLAST ON SLOPED LIGHTWEIGHT STRUCTURAL TOPPING
PMRS-1B	PROTECTED MEMBRANE ROOFING SYSTEM - 1B WITH REFLECTIVE PAVERS ON COMPOSITE CONCRETE DECK
PMRS-2	PROTECTED MEMBRANE ROOFING SYSTEM - 2 WITH STANDARD PAVERS ON ADJUSTABLE PEDESTALS (TERRACE)
PPA-1	PRECAST PANEL SYSTEM - 1
PPA-2	PRECAST PANEL SYSTEM - 2
UHPC-1	ULTRA HIGH PERFORMANCE CONCRETE SYSTEM - 1 ON METAL STUD FRAMING

100% RESUBMISSION	09/23/16
100% SUBMISSION	06/17/16
SYM DESCRIPTION	DATE

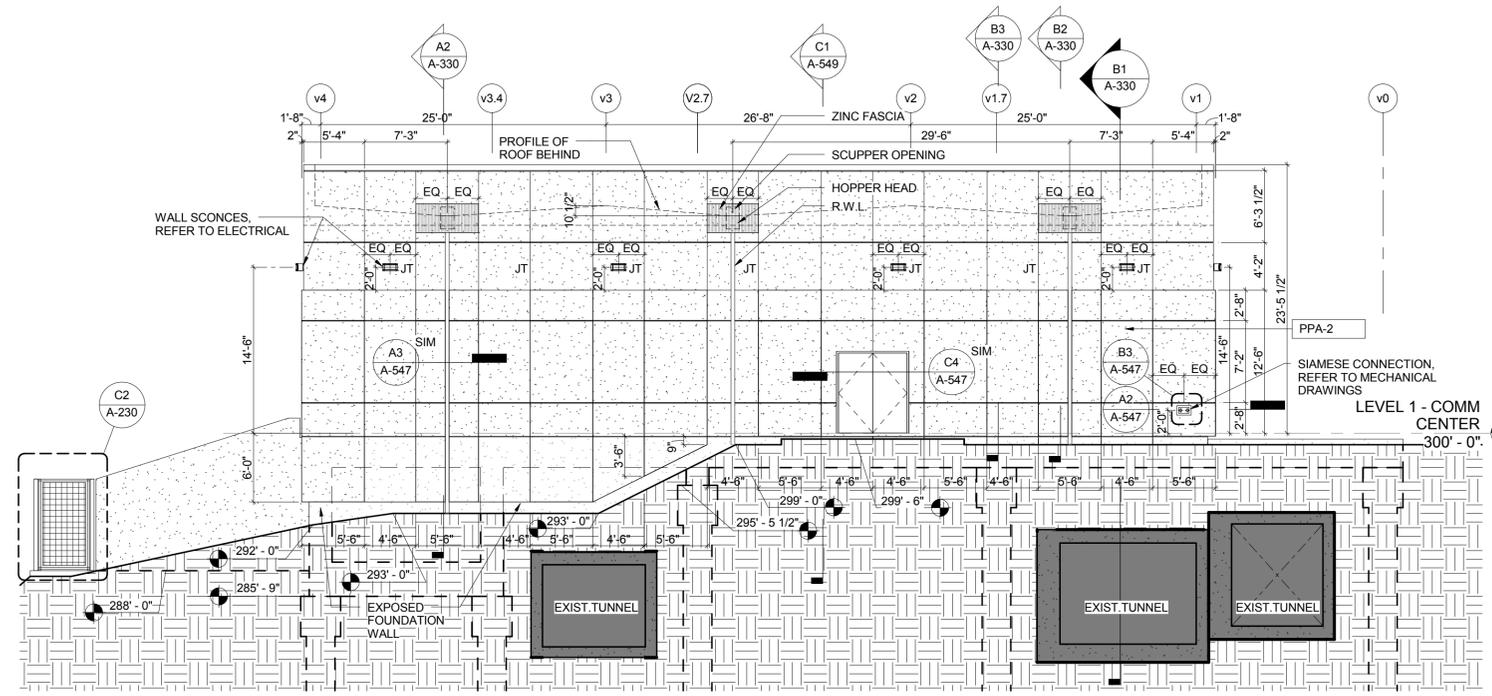


**HR**  
ARCHITECTURE | ENGINEERING & CONSULTING  
3001 WASHINGTON BLVD. SUITE 200  
ARLINGTON, VIRGINIA 22201  
703-518-8500

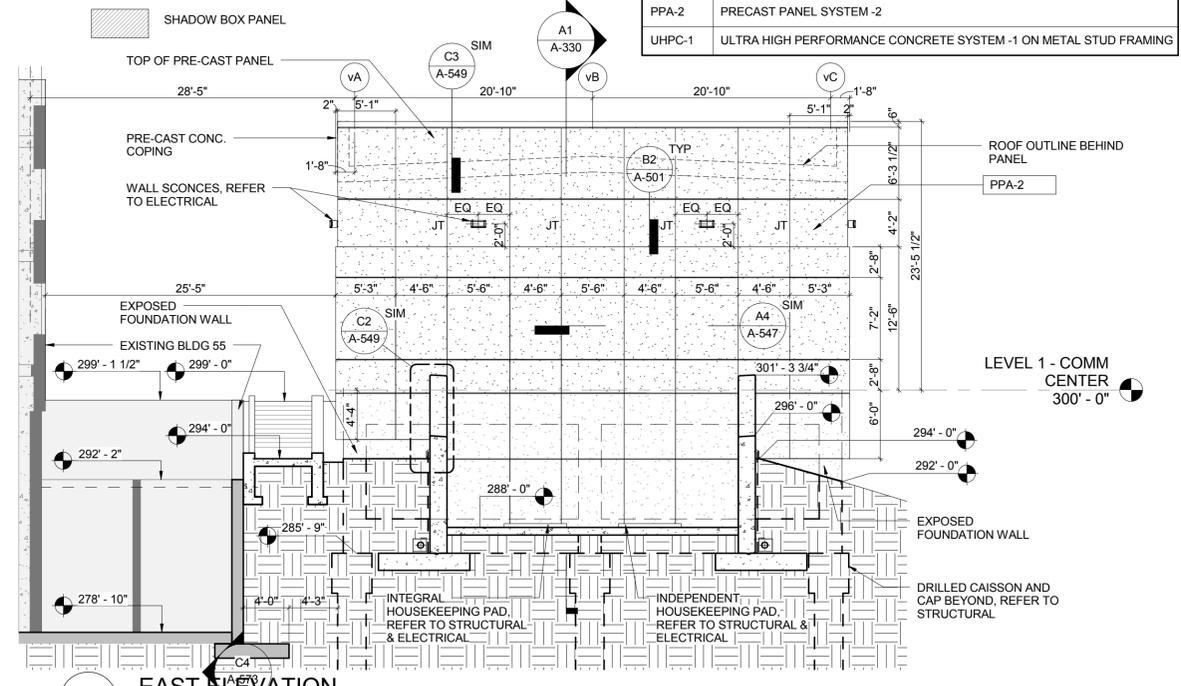
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	N/A
SATISFACTORY TO DATE	N/A
DES. JG/DF	DRW. HDR
PKM	CHK. HE
BRAND/MANAGER	N/A
CHIEF ENGINEER	N/A

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND  
NAVFAC WASHINGTON  
ATLANTIC DIVISION  
NSA/Bethesda, MD  
BETHESDA, MD  
P114 MEDICAL CENTER ADDITION / ALTERATION  
EXTERIOR ELEVATIONS - BASE COMMUNICATION CENTER - PHASE 1C

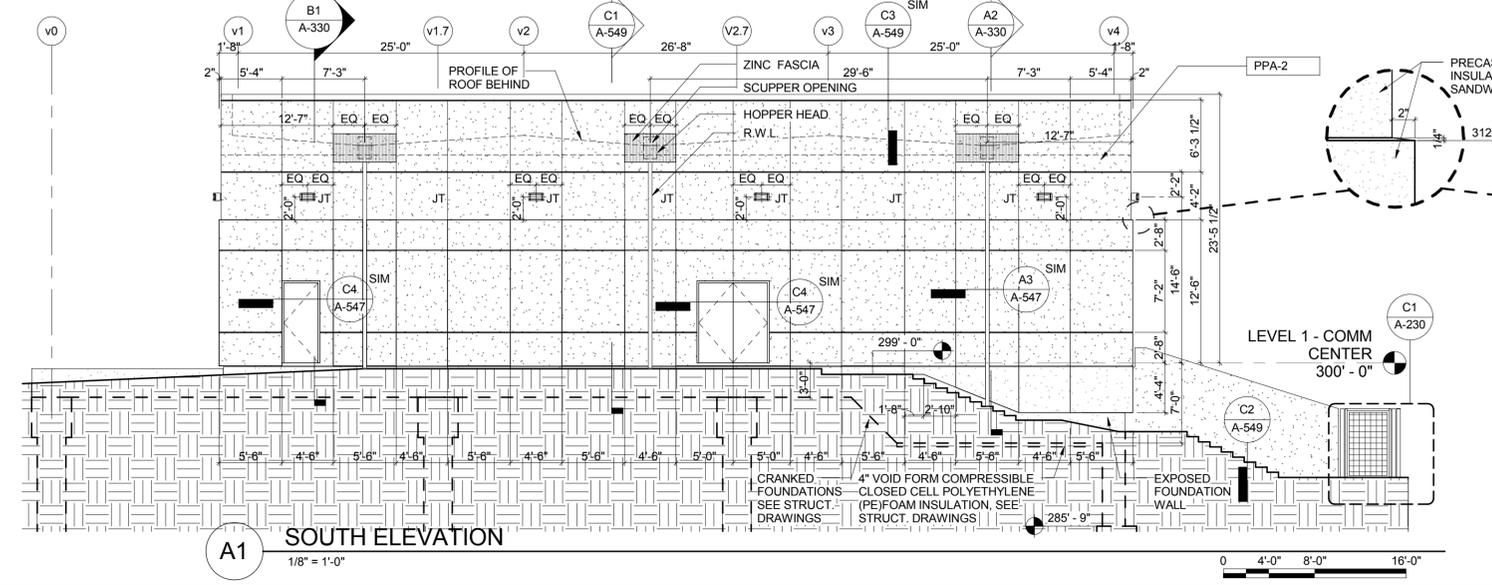
SCALE: As indicated  
PROJECT NO.: 1171746  
CONSTR. CONTR. NO.: N62470-09-D-9044  
NAVFAC DRAWING NO.:  
SHEET OF  
**A-230**



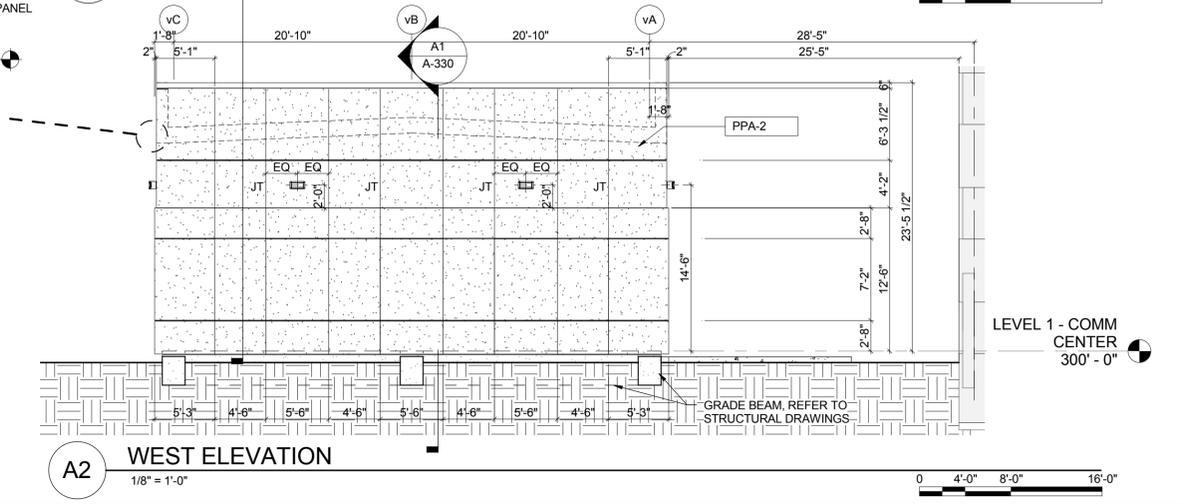
**B1 NORTH ELEVATION**  
1/8" = 1'-0"



**B2 EAST ELEVATION**  
1/8" = 1'-0"



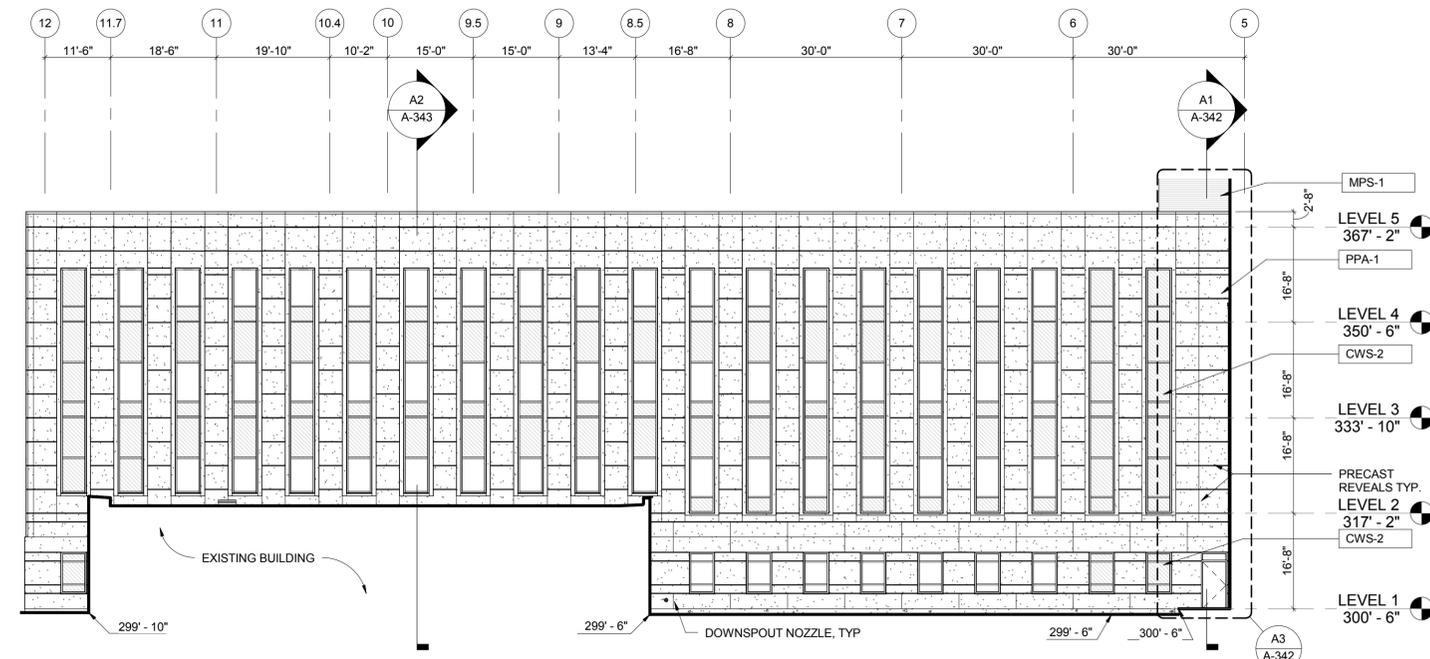
**A1 SOUTH ELEVATION**  
1/8" = 1'-0"



**A2 WEST ELEVATION**  
1/8" = 1'-0"

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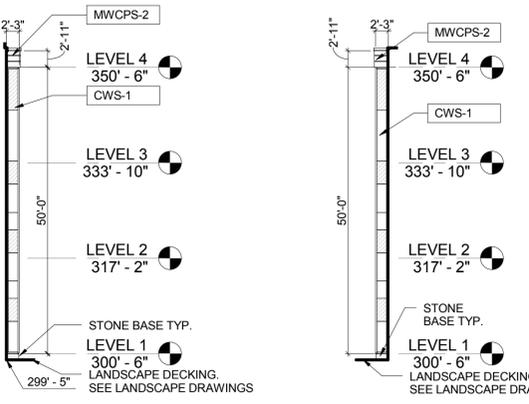




**C1 NORTH ELEVATION - MEDITATION GARDEN**  
 1/16" = 1'-0"  
 0 8'-0" 16'-0" 32'-0"

**EXTERIOR MATERIAL LEGEND**

	PRECAST CONCRETE PANEL		METAL LOUVERS
	METAL PANEL RAINSCREEN SYSTEM		METAL PANEL SYSTEM (RECESSED FLAT SEAM)
	METAL PANEL SYSTEM		STONE BASE
	VISION GLASS		
	SHADOW BOX PANEL		



**C3 NORTH ELEVATION**  
 1/16" = 1'-0"  
 0 8'-0" 16'-0" 32'-0"

**C4 SOUTH ELEVATION**  
 1/16" = 1'-0"  
 0 8'-0" 16'-0" 32'-0"

**EXTERIOR ASSEMBLIES**

TAG	ASSEMBLY DESCRIPTION
BSGS-1	BOLTED STRUCTURAL GLAZED SYSTEM - 1
CWS-1	CURTAIN WALL SYSTEM - 1 BLAST RESISTANT GLAZED ALUMINUM CURTAIN WALL SYSTEM 3" X 8 1/4" WITH ANODIZED DARK BRONZE FRAME FINISH
CWS-2	CURTAIN WALL SYSTEM - 2 BLAST RESISTANT GLAZED ALUMINUM CURTAIN WALL SYSTEM AT CURTAIN WALL / WINDOWS 3" X 8 1/4" WITH ANODIZED DARK BRONZE FRAME FINISH
CWS-3	CURTAIN WALL SKYLIGHT SYSTEM - 3 BLAST RESISTANT GLAZED ALUMINUM SKYLIGHT SYSTEM 2 1/2" X 10" WITH ANODIZED DARK BRONZE FRAME FINISH
EPDM	ETHYLENE-PROPYLENE-DIENE-MONOMER ROOFING
ESCD	EXTERIOR SUN CONTROL DEVICE
FSMR-1	FLAT SEAM METAL ROOF AND SOFFIT SYSTEM ON METAL FRAMING
CMU-1	SYNTHETIC STUCCO ON CONCRETE MASONRY UNIT
ML-1	METAL LOUVERS
MWPCS-1	METAL WALL CASSETTE PANEL & SOFFIT SYSTEM ON METAL STUD FRAMING
MWPCS-2	METAL WALL CASSETTE PANEL SYSTEM ON PRECAST
MPS-1	METAL WALL PANEL SYSTEM ON METAL STUD FRAMING
MPS-2	RECESSED FLAT SEAM PANEL ON METAL STUD FRAMING
PMRS-1	PROTECTED MEMBRANE ROOFING SYSTEM -1 WITH REFLECTIVE PAVER BALLAST ON CONCRETE SLAB
PMRS-1A	PROTECTED MEMBRANE ROOFING SYSTEM -1A WITH REFLECTIVE PAVER BALLAST ON SLOPED LIGHTWEIGHT STRUCTURAL TOPPING
PMRS-1B	PROTECTED MEMBRANE ROOFING SYSTEM -1B WITH REFLECTIVE PAVERS ON COMPOSITE CONCRETE DECK
PMRS-2	PROTECTED MEMBRANE ROOFING SYSTEM -2 WITH STANDARD PAVERS ON ADJUSTABLE PEDESTALS (TERRACE)
PPA-1	PRECAST PANEL SYSTEM -1
PPA-2	PRECAST PANEL SYSTEM -2
UHPC-1	ULTRA HIGH PERFORMANCE CONCRETE SYSTEM -1 ON METAL STUD FRAMING

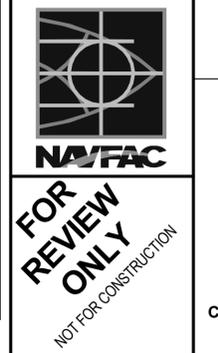
**EXTERIOR FIXTURE LEGEND**

- DOWN SPOUT NOZZLE

**SHEET NOTES**

- AT INSULATED LOUVER BLANK OFF PANELS, COORDINATE WITH MECHANICAL FOR EXTENT OF FREE OPENING.
- GC COORDINATE WITH GRADING IN CIVIL DRAWINGS AND INFORMATION IN STRUCTURAL DRAWINGS TO DETERMINE THE ADDITIONAL HEIGHT OF THE EXTERIOR WALL ASSEMBLY REQUIRED BELOW THE FIRST FLOOR SLAB. (INCLUDING BUT NOT LIMITED TO PRECAST PANEL, STONE BASE BELOW CURTAIN WALL, ETC.)
- FOR TYPICAL PRECAST PANEL REVEALS/ JOINTS LOCATIONS ON WALLS REFER TO THE A-300 SERIES. OTHER LOCATIONS ARE INDICATED ON THE A-200 SERIES.
- METAL PANEL SHALL NOT BE BURIED UNDER THE GRADE. THE HEIGHT OF THE LAST PANEL HAS TO BE FIELD VERIFIED AND COORDINATED WITH GRADING IN CIVIL DRAWINGS. BRING ATTENTION TO THE ARCHITECT REGARDING ANY DISCREPANCIES.

100% RESUBMISSION	09/23/16
100% SUBMISSION	08/17/16
65% SUBMISSION	11/08/15
35% SUBMISSION	10/21/13



**HR**  
 ARCHITECTURE | ENGINEERING & CONSULTING  
 3001 WASHINGTON BLVD. SUITE 200  
 ARLINGTON, VIRGINIA 22201  
 703-516-8800

APPROVED: \_\_\_\_\_

FOR COMMANDER NAVFAC

ACTIVITY: N/A

SATISFACTORY TO DATE: N/A

DES: JG/DF (DR) HDR (CHK) HE (HE)

PM/DM: ROBSON/NOURI

BRANCH MANAGER: N/A

CHIEF ENGINEER: N/A

DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON ATLANTIC  
 NSAW/Bethesda, MD  
 BETHESDA, MD  
 P114 MEDICAL CENTER ADDITION / ALTERATION  
 EXTERIOR ELEVATIONS - PHASE 2 BLDG C

SCALE: As indicated

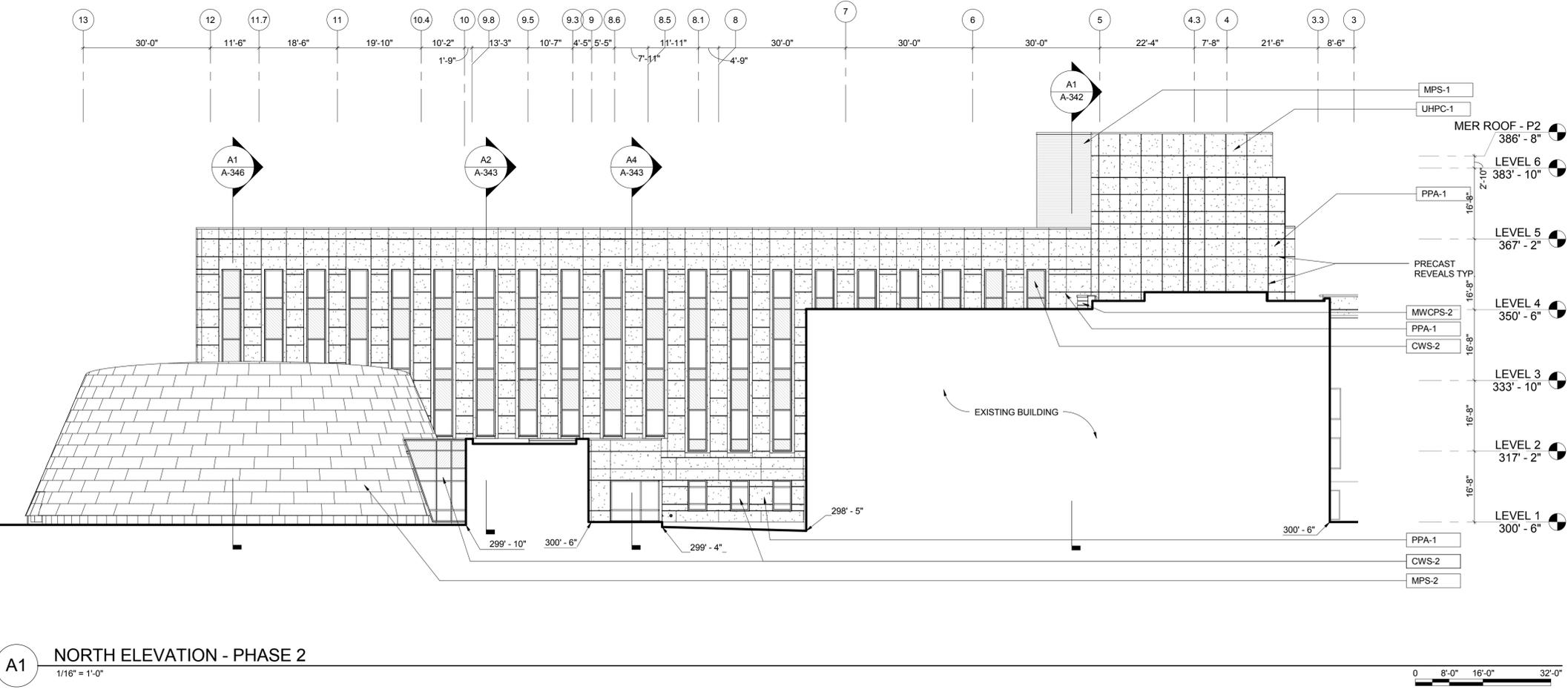
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CONSTR. CONTR. NO.: N62470-09-D-9044

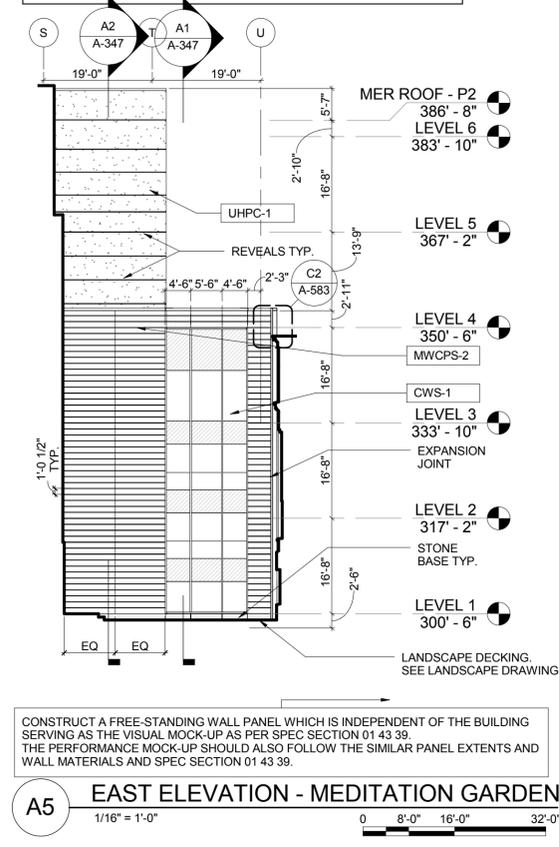
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SHEET: A-242

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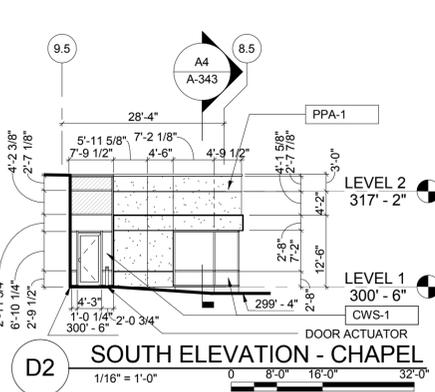
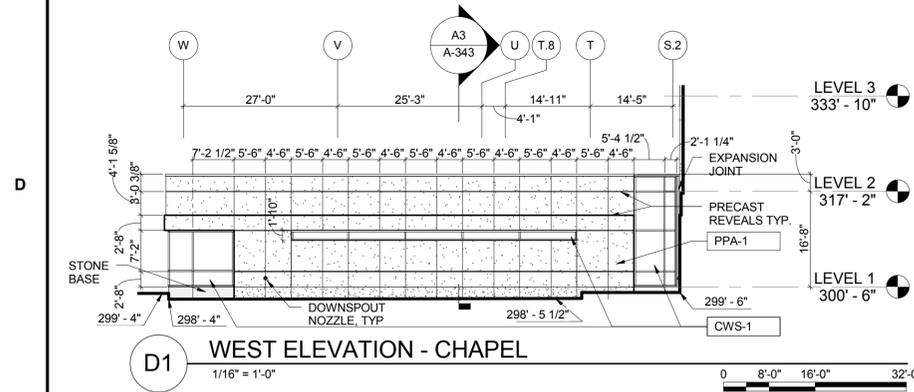


**A1 NORTH ELEVATION - PHASE 2**  
 1/16" = 1'-0"  
 0 8'-0" 16'-0" 32'-0"



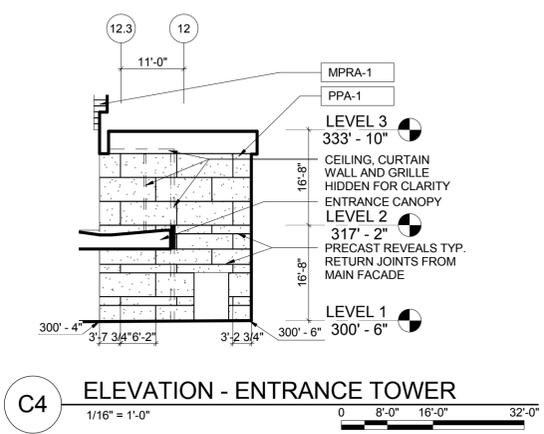
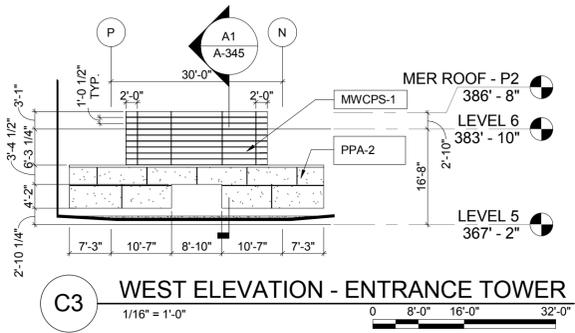
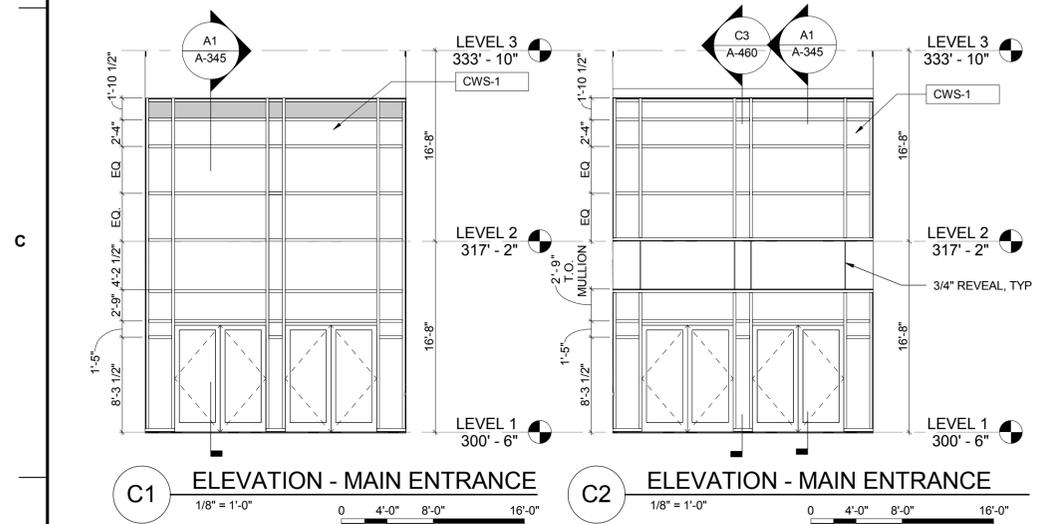
**A5 EAST ELEVATION - MEDITATION GARDEN**  
 1/16" = 1'-0"  
 0 8'-0" 16'-0" 32'-0"

CONSTRUCT A FREE-STANDING WALL PANEL WHICH IS INDEPENDENT OF THE BUILDING SERVING AS THE VISUAL MOCK-UP AS PER SPEC SECTION 01 43 39. THE PERFORMANCE MOCK-UP SHOULD ALSO FOLLOW THE SIMILAR PANEL EXTENTS AND WALL MATERIALS AND SPEC SECTION 01 43 39.



- SHEET NOTES**
- AT INSULATED LOUVER BLANK OFF PANELS, COORDINATE WITH MECHANICAL FOR EXTENT OF FREE OPENING.
  - GC COORDINATE WITH GRADING IN CIVIL DRAWINGS AND INFORMATION IN STRUCTURAL DRAWINGS TO DETERMINE THE ADDITIONAL HEIGHT OF THE EXTERIOR WALL ASSEMBLY REQUIRED BELOW THE FIRST FLOOR SLAB. (INCLUDING BUT NOT LIMITED TO PRECAST PANEL, STONE BASE BELOW CURTAIN WALL, ETC.)
  - FOR TYPICAL PRECAST PANEL REVEALS/ JOINTS LOCATIONS ON WALLS REFER TO THE A-300 SERIES. OTHER LOCATIONS ARE INDICATED ON THE A-200 SERIES.
  - METAL PANEL SHALL NOT BE BURIED UNDER THE GRADE. THE HEIGHT OF THE LAST PANEL HAS TO BE FIELD VERIFIED AND COORDINATED WITH GRADING IN CIVIL DRAWINGS. BRING ATTENTION TO THE ARCHITECT REGARDING ANY DISCREPANCIES.

EXTERIOR ASSEMBLIES	
TAG	ASSEMBLY DESCRIPTION
BSGS-1	BOLTED STRUCTURAL GLAZED SYSTEM - 1
CWS-1	CURTAIN WALL SYSTEM - 1 BLAST RESISTANT GLAZED ALUMINUM CURTAIN WALL SYSTEM 3" X 8 1/4" WITH ANODIZED DARK BRONZE FRAME FINISH
CWS-2	CURTAIN WALL SYSTEM - 2 BLAST RESISTANT GLAZED ALUMINUM CURTAIN WALL SYSTEM AT CURTAIN WALL / WINDOWS 3" X 8 1/4" WITH ANODIZED DARK BRONZE FRAME FINISH
CWS-3	CURTAIN WALL SKYLIGHT SYSTEM - 3 BLAST RESISTANT GLAZED ALUMINUM SKYLIGHT SYSTEM 2 1/2" X 10" WITH ANODIZED DARK BRONZE FRAME FINISH
EPDM	ETHYLENE-PROPYLENE-DIENE-MONOMER ROOFING
ESCD	EXTERIOR SUN CONTROL DEVICE
FSMR-1	FLAT SEAM METAL ROOF AND SOFFIT SYSTEM ON METAL FRAMING
CMU-1	SYNTHETIC STUCCO ON CONCRETE MASONRY UNIT
ML-1	METAL LOUVERS
MWPCS-1	METAL WALL CASSETTE PANEL & SOFFIT SYSTEM ON METAL STUD FRAMING
MWPCS-2	METAL WALL CASSETTE PANEL SYSTEM ON PRECAST
MPS-1	METAL WALL PANEL SYSTEM ON METAL STUD FRAMING
MPS-2	RECESSED FLAT SEAM PANEL ON METAL STUD FRAMING
PMRS-1	PROTECTED MEMBRANE ROOFING SYSTEM -1 WITH REFLECTIVE PAVER BALLAST ON CONCRETE SLAB
PMRS-1A	PROTECTED MEMBRANE ROOFING SYSTEM -1A WITH REFLECTIVE PAVER BALLAST ON SLOPED LIGHTWEIGHT STRUCTURAL TOPPING
PMRS-1B	PROTECTED MEMBRANE ROOFING SYSTEM -1B WITH REFLECTIVE PAVERS ON COMPOSITE CONCRETE DECK
PMRS-2	PROTECTED MEMBRANE ROOFING SYSTEM -2 WITH STANDARD PAVERS ON ADJUSTABLE PEDESTALS (TERRACE)
PPA-1	PRECAST PANEL SYSTEM - 1
PPA-2	PRECAST PANEL SYSTEM - 2
UHPC-1	ULTRA HIGH PERFORMANCE CONCRETE SYSTEM - 1 ON METAL STUD FRAMING

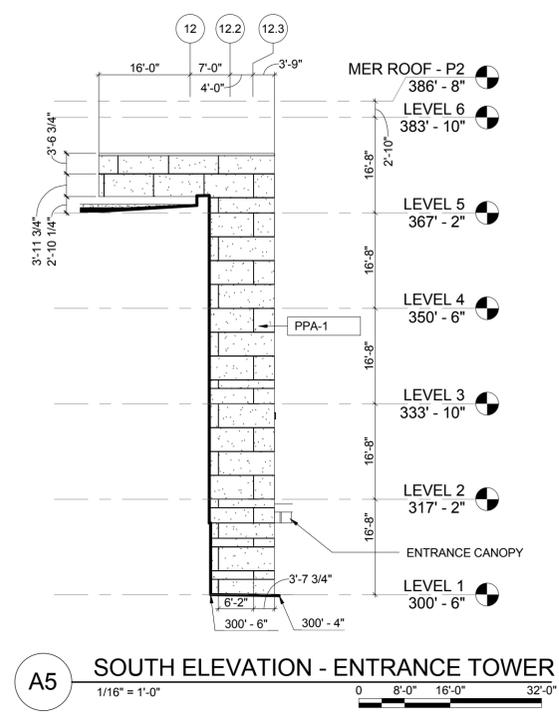
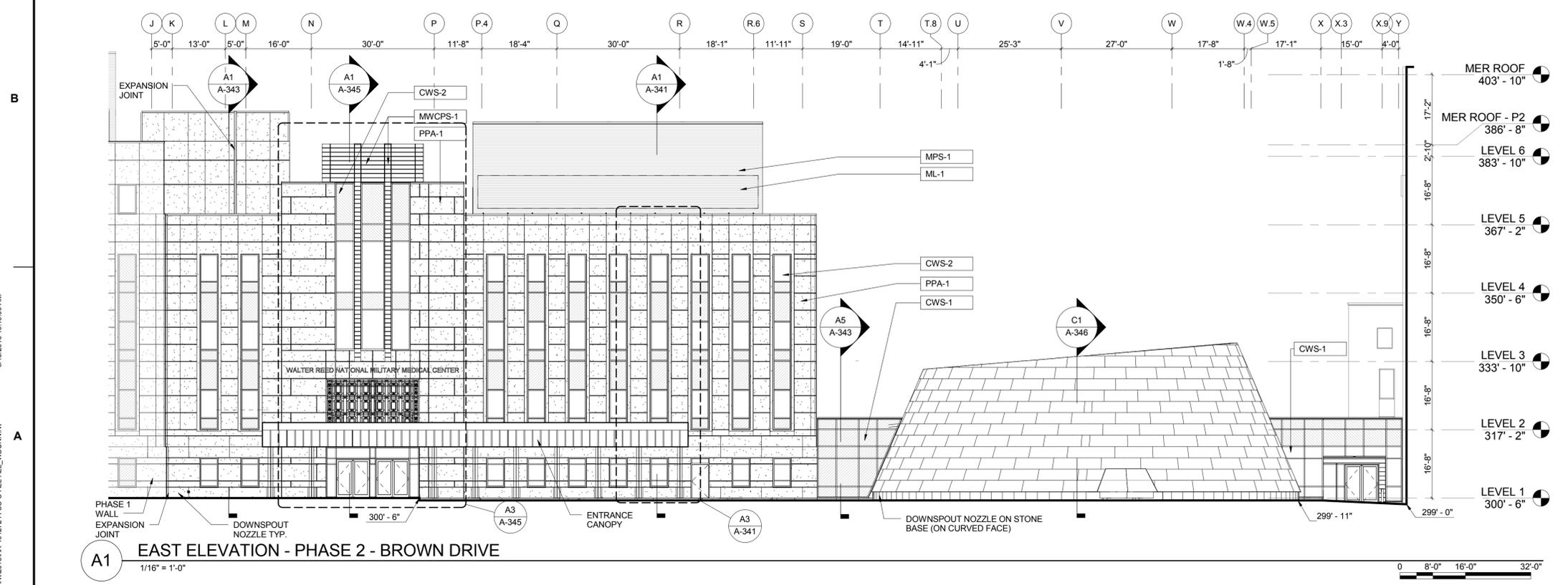


**EXTERIOR MATERIAL LEGEND**

	PRECAST CONCRETE PANEL		METAL LOUVERS
	METAL PANEL RAINSCREEN SYSTEM		METAL PANEL SYSTEM (RECESSED FLAT SEAM)
	METAL PANEL SYSTEM		STONE BASE
	VISION GLASS		
	SHADOW BOX PANEL		

**EXTERIOR FIXTURE LEGEND**

- DOWN SPOUT NOZZLE



100% RESUBMISSION 09/23/16  
100% SUBMISSION 06/17/16  
85% SUBMISSION 11/06/15  
35% SUBMISSION 11/06/14  
35% SUBMISSION 10/21/13

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NOT FOR CONSTRUCTION

**HR**  
ARCHITECTURE | ENGINEERING & CONSULTING  
3001 WASHINGTON BLVD. SUITE 200 ARLINGTON, VIRGINIA 22201 703-516-8800

APPROVED: \_\_\_\_\_  
FOR COMMANDER NAVFAC  
ACTIVITY: N/A

SATISFACTORY TO DATE: N/A  
DES: JGD/DF ORN HDR CLK HE  
PNUM: ROBSON/NOURI  
BRANCH MANAGER: N/A  
CHIEF ENGINEER: N/A

NAVFAC WASHINGTON  
NAVFAC WASHINGTON ~ NAVFAC WASHINGTON  
ATLANTIC  
NSA/Bethesda, MD  
NSA/Bethesda, MD  
P114 MEDICAL CENTER ADDITION / ALTERATION  
BETHESDA, MD

SCALE: As indicated  
EPROJCT NO.: 1171746  
CONSTR. CONTR. NO.: N62470-09-D-9044  
NAVFAC DRAWING NO.: \_\_\_\_\_  
SHEET: \_\_\_\_\_ OF \_\_\_\_\_

**A-243**

EXTERIOR ELEVATIONS - PHASE 2 BLDG C

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- SHEET NOTES**
- AT INSULATED LOUVER BLANK OFF PANELS, COORDINATE WITH MECHANICAL FOR EXTENT OF FREE OPENING.
  - GC COORDINATE WITH GRADING IN CIVIL DRAWINGS AND INFORMATION IN STRUCTURAL DRAWINGS TO DETERMINE THE ADDITIONAL HEIGHT OF THE EXTERIOR WALL ASSEMBLY REQUIRED BELOW THE FIRST FLOOR SLAB (INCLUDING BUT NOT LIMITED TO PRECAST PANEL, STONE BASE BELOW CURTAIN WALL, ETC).
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TAG	ASSEMBLY DESCRIPTION
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PMRS-1A	PROTECTED MEMBRANE ROOFING SYSTEM -1A WITH REFLECTIVE PAVER BALLAST ON SLOPED LIGHTWEIGHT STRUCTURAL TOPPING
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PPA-1	PRECAST PANEL SYSTEM -1
PPA-2	PRECAST PANEL SYSTEM -2
UHPC-1	ULTRA HIGH PERFORMANCE CONCRETE SYSTEM -1 ON METAL STUD FRAMING

**EXTERIOR MATERIAL LEGEND**

	PRECAST CONCRETE PANEL		METAL LOUVERS
	METAL PANEL RAINSCREEN SYSTEM		METAL PANEL SYSTEM (RECESSED FLAT SEAM)
	METAL PANEL SYSTEM		STONE BASE
	VISION GLASS		
	SHADOW BOX PANEL		

**EXTERIOR FIXTURE LEGEND**

	DOWN SPOUT NOZZLE
--	-------------------

SYM	DESCRIPTION	DATE
100% RESUBMISSION		09/23/16
100% SUBMISSION		06/17/16
65% SUBMISSION		11/06/15
35% SUBMISSION		10/21/13



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3001 WASHINGTON BLVD. SUITE 200 ARLINGTON, VIRGINIA 22201 703-518-8500

APPROVED

FOR COMMANDER NAVFAC	
ACTIVITY	N/A
SATISFACTORY TO DATE	N/A
DES	JG/DF
DRW	HDR
CHK	HE
PMCM	ROBSON/NOURI
BRANCH MANAGER	N/A
CHIEF ENGINEER	N/A

NAVAL FACILITIES ENGINEERING COMMAND  
NAVFAC WASHINGTON  
BETHESDA, MD  
P114 MEDICAL CENTER ADDITION / ALTERATION  
BETHESDA, MD  
EXTERIOR ELEVATIONS - PHASE 2 BLDG C

SCALE: As indicated

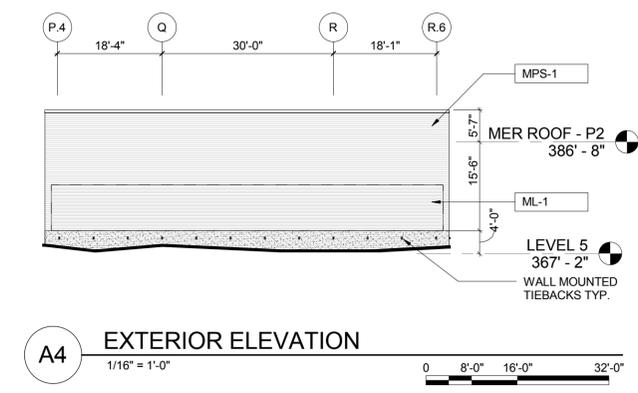
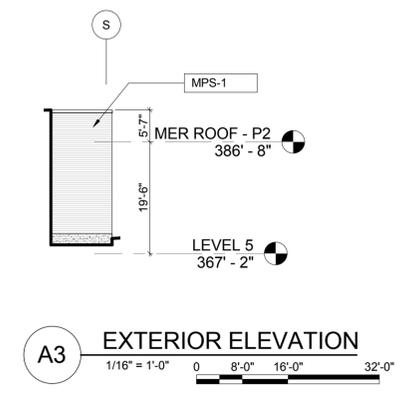
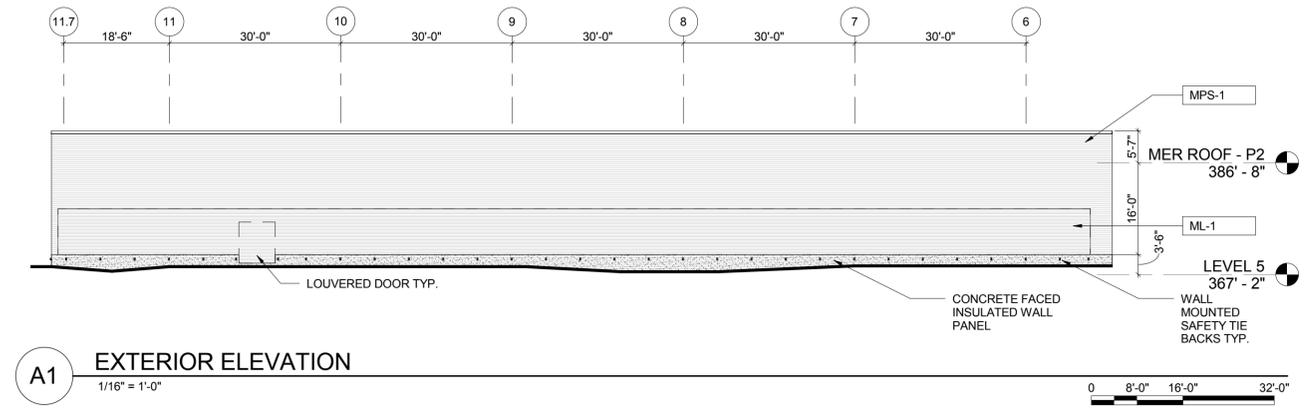
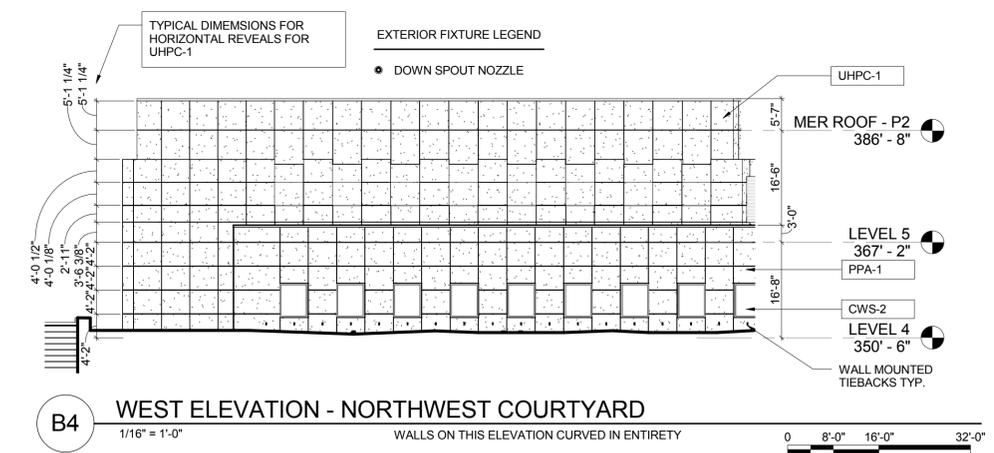
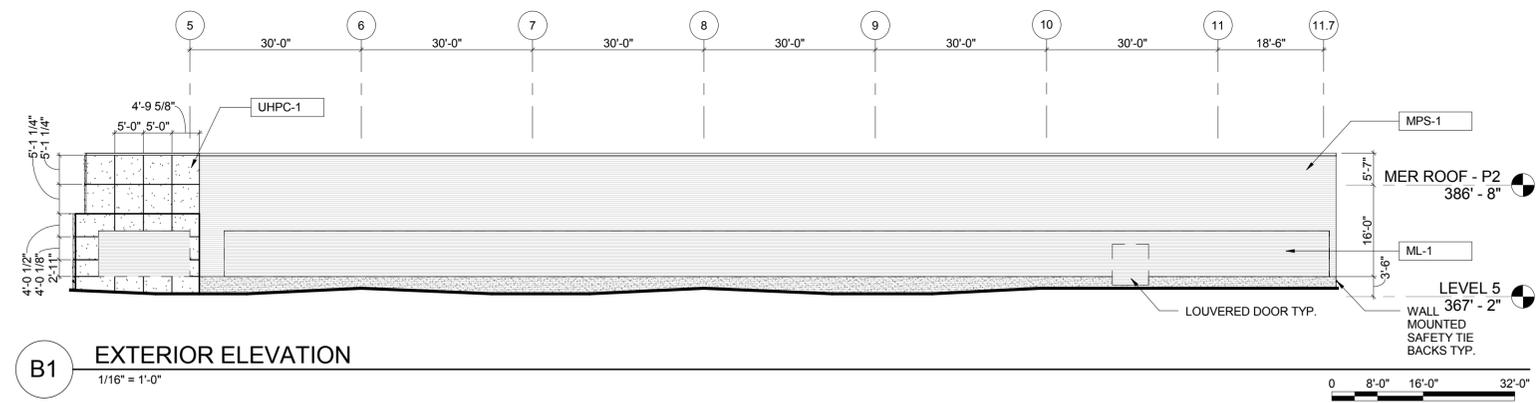
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CONSTR. CONTR. NO.: N62470-09-D-9044

NAVFAC DRAWING NO.

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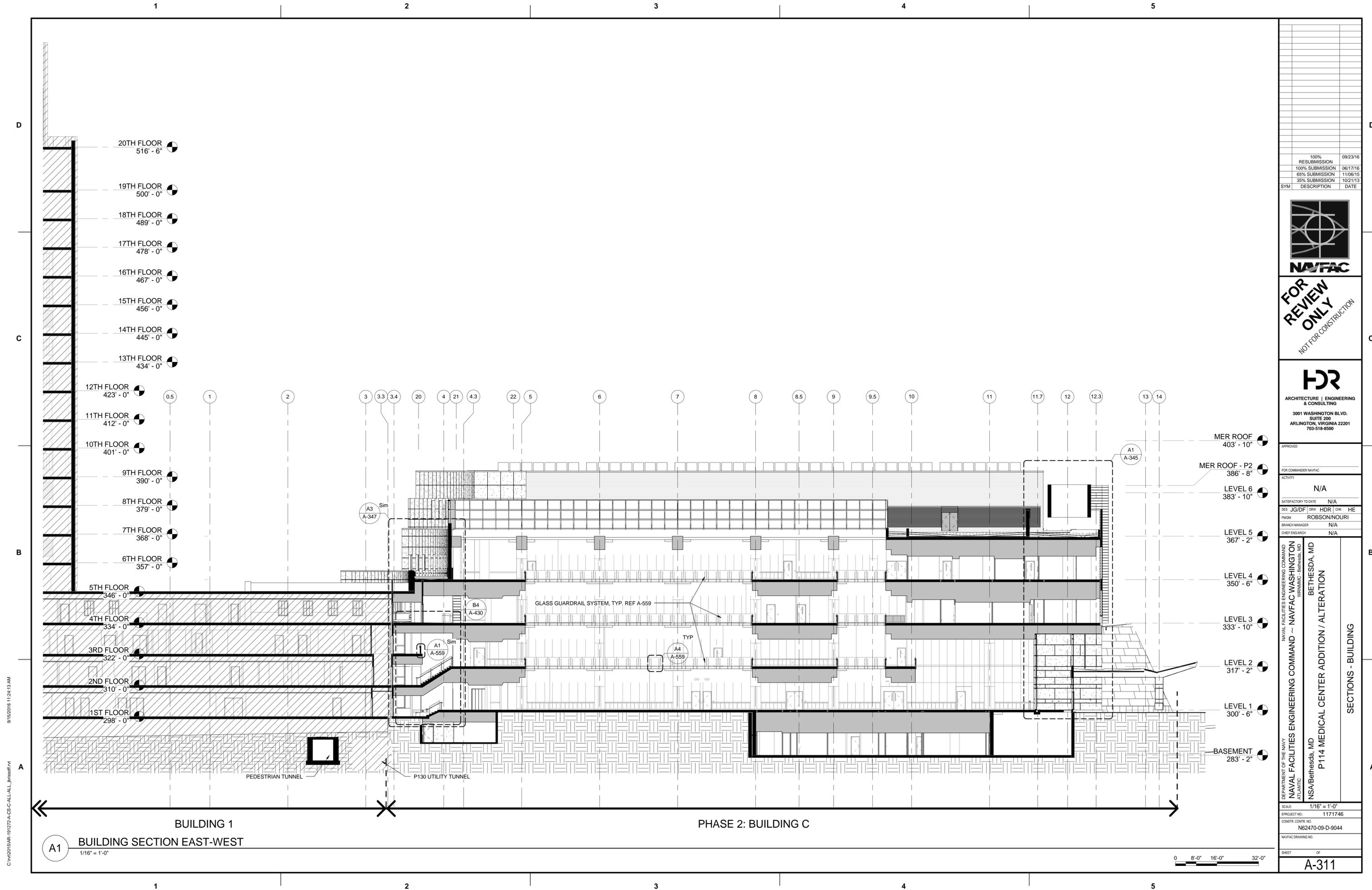
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**A1** BUILDING SECTION EAST-WEST  
 1/16" = 1'-0"

SYM	DESCRIPTION	DATE
	100% RESUBMISSION	09/23/16
	100% SUBMISSION	06/17/16
	65% SUBMISSION	11/06/15
	35% SUBMISSION	10/21/13



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 ARLINGTON, VIRGINIA 22201  
 703-518-8500

APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	N/A
SATISFACTORY TO DATE	N/A
DES	JG/DF
DRW	HDR
CHK	HE
HE	
PM/CM	ROBSON/NOURI
BRANCH MANAGER	N/A
CHIEF ENGINEER	N/A

DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING COMMAND  
 AT LANTIC  
 NAVFAC WASHINGTON  
 WASHINGTON, DISTRICT OF COLUMBIA, MD  
 NSABethesda, MD  
 BETHESDA, MD  
 P114 MEDICAL CENTER ADDITION / ALTERATION  
 SECTIONS - BUILDING

SCALE	1/16" = 1'-0"
EPROJECT NO.	1171746
CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	

SHEET OF  
**A-311**

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3

4

5

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D

C

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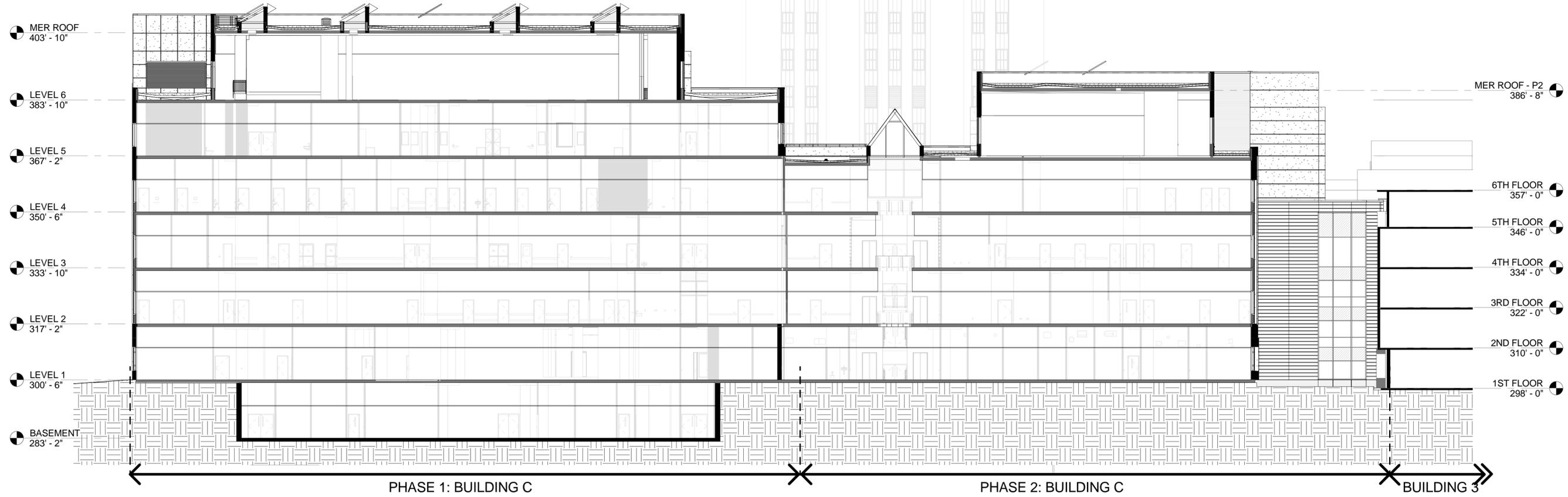
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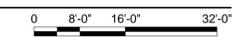
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**A1** BUILDING SECTION NORTH-SOUTH  
 1/16" = 1'-0"



100% RESUBMISSION	09/23/16
100% SUBMISSION	06/17/16
65% SUBMISSION	11/06/15
35% SUBMISSION	10/21/13
SYM	DESCRIPTION DATE



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 & CONSULTING  
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 SUITE 200  
 ARLINGTON, VIRGINIA 22201  
 703-518-8500

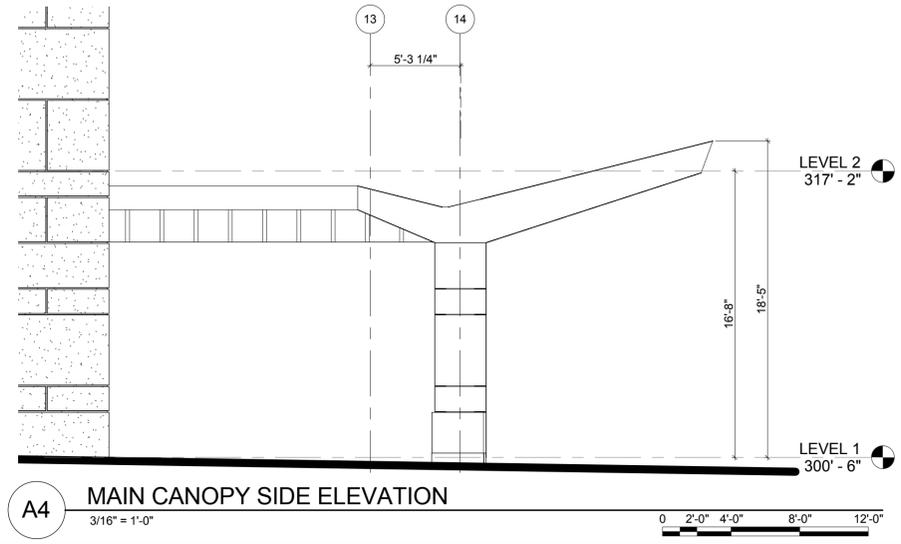
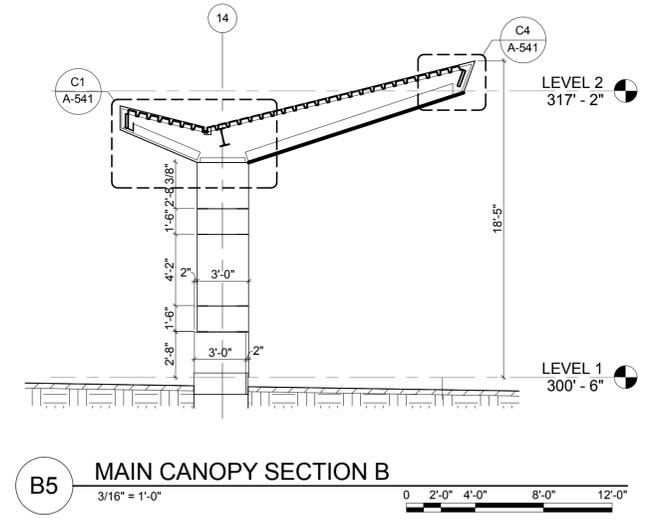
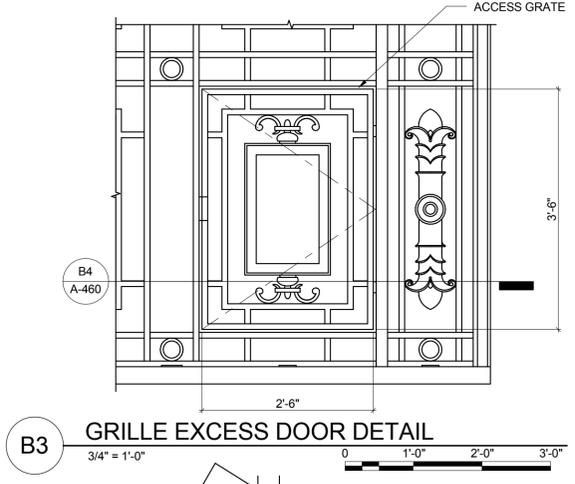
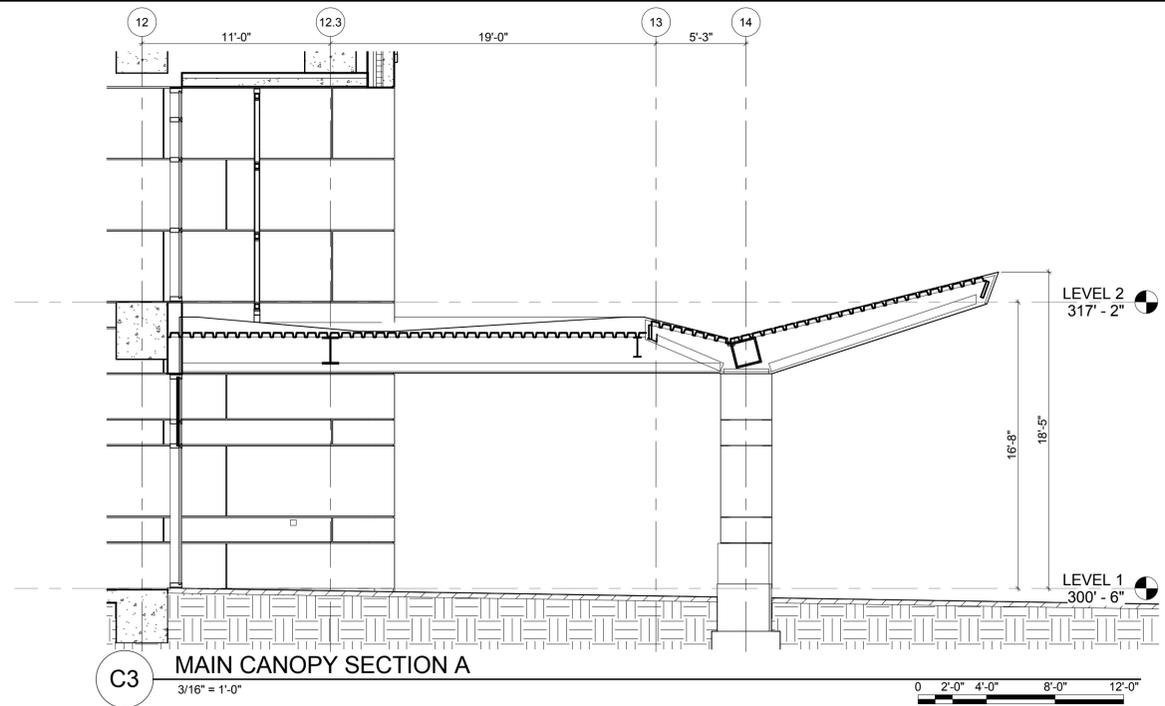
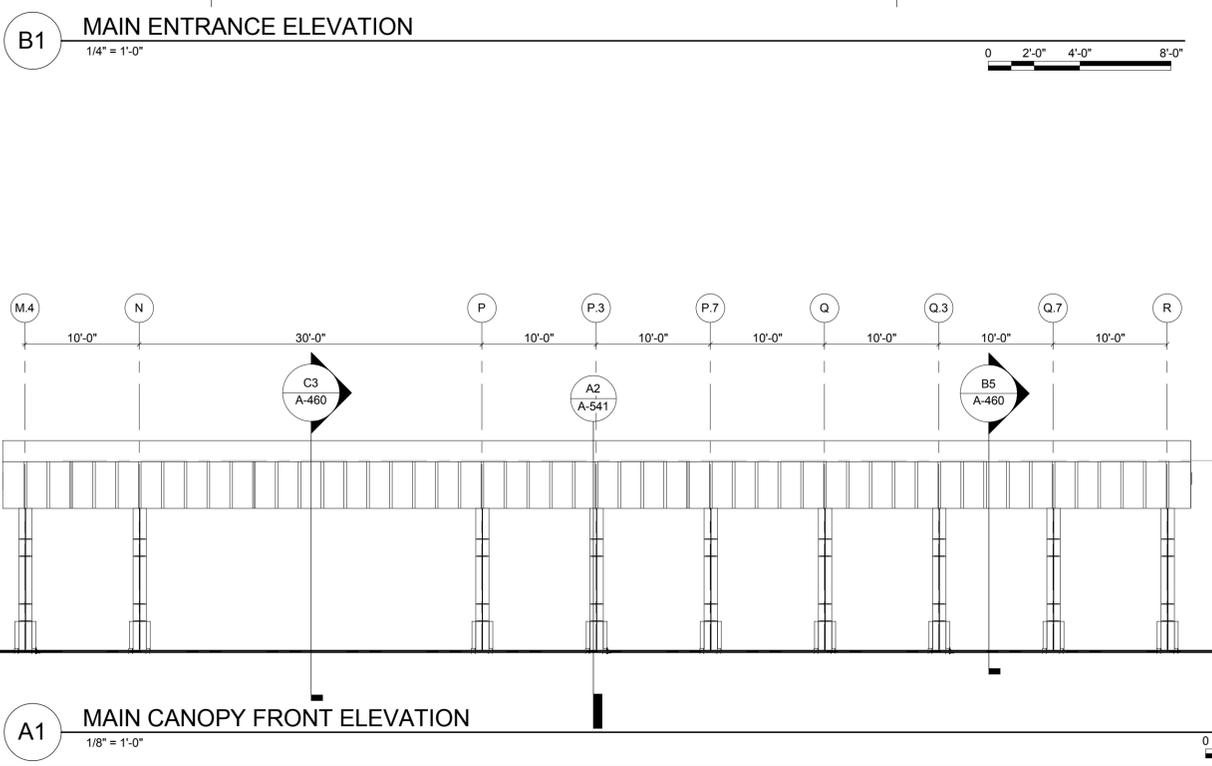
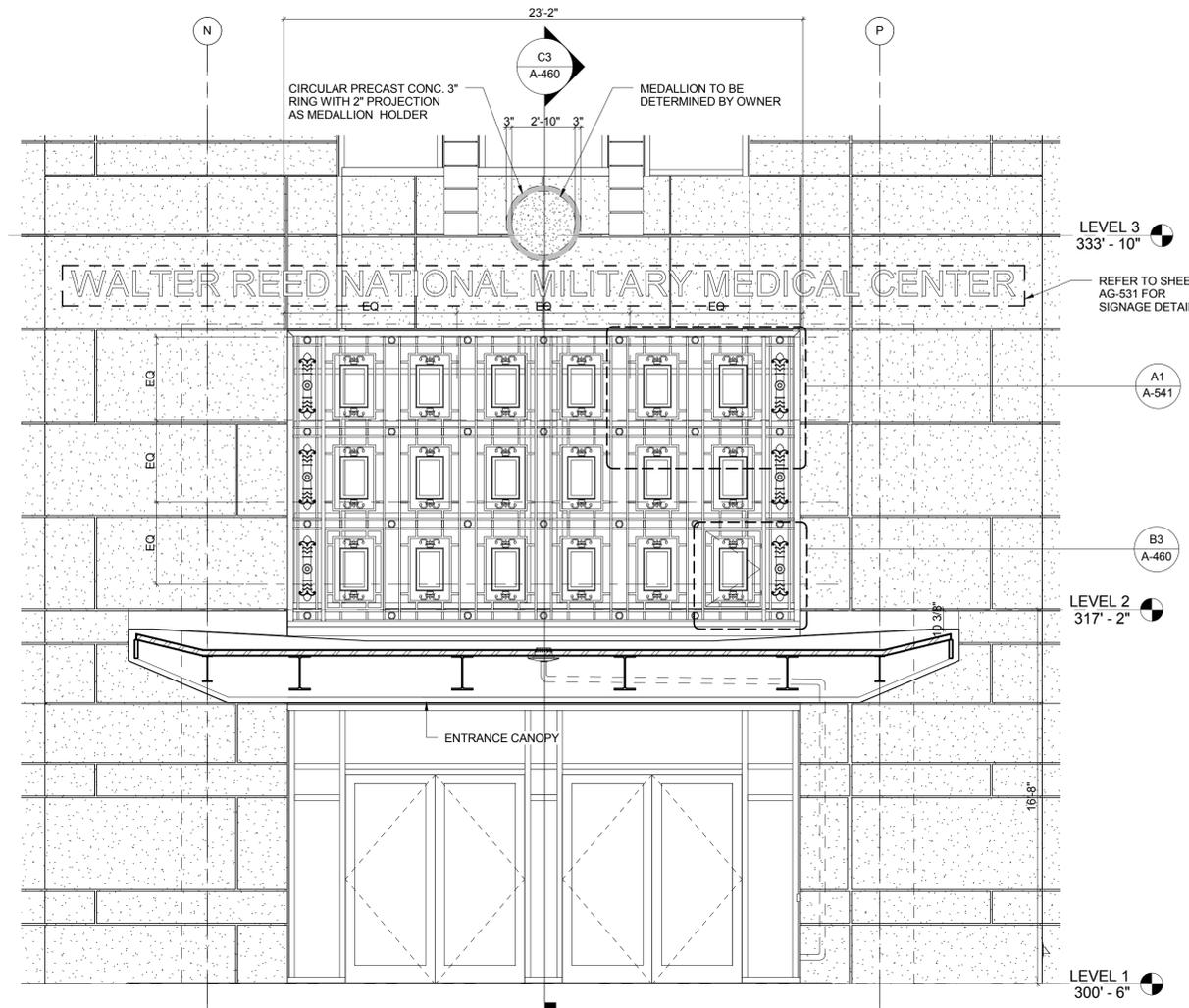
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	N/A
SATISFACTORY TO DATE	N/A
DES	JG/DF
DRW	HDR
CHK	HE
HE	
PM/CM	ROBSON/NOURI
BRANCH MANAGER	N/A
CHIEF ENGINEER	N/A

DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING COMMAND  
 AT LANTIC  
 NAVFAC WASHINGTON  
 WYOMING DRIVE, MD  
 BETHESDA, MD  
 P114 MEDICAL CENTER ADDITION / ALTERATION  
 SECTIONS - BUILDING

SCALE	1/16" = 1'-0"
EPROJCT NO.	1171746
CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	

SHEET OF  
**A-312**





100% RESUBMISSION	09/23/16
100% SUBMISSION	06/17/16
65% SUBMISSION	11/06/15
35% SUBMISSION	10/21/13
SYM	DESCRIPTION DATE

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**HR**  
ARCHITECTURE | ENGINEERING & CONSULTING  
3001 WASHINGTON BLVD. SUITE 200  
ARLINGTON, VIRGINIA 22201  
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

N/A

SATISFACTORY TO DATE

DES JG/DF | DRW HDR | CHK HE

PM/CM ROBSON/NOURI

BRANCH MANAGER N/A

CHIEF ENGINEER N/A

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND  
NAVFAC WASHINGTON  
AT LANTIC  
NSA/Bethesda, MD  
BETHESDA, MD

P114 MEDICAL CENTER ADDITION / ALTERATION

ENTRANCE CANOPY ELEVATIONS AND SECTIONS

SCALE: As indicated

PROJECT NO.: 1171746

CONSTR. CONTR. NO.: N62470-09-D-9044

NAVFAC DRAWING NO.

SHEET OF

**A-460**

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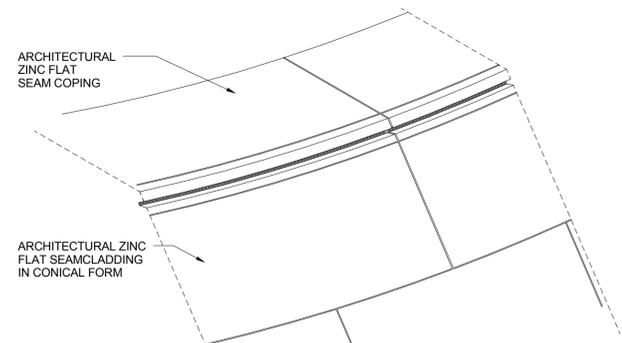
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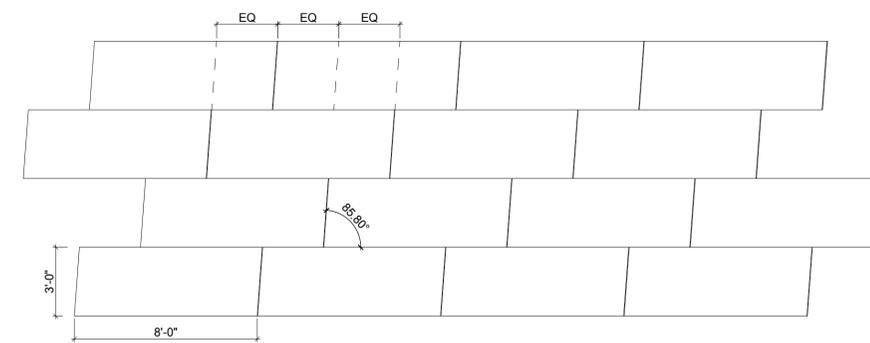
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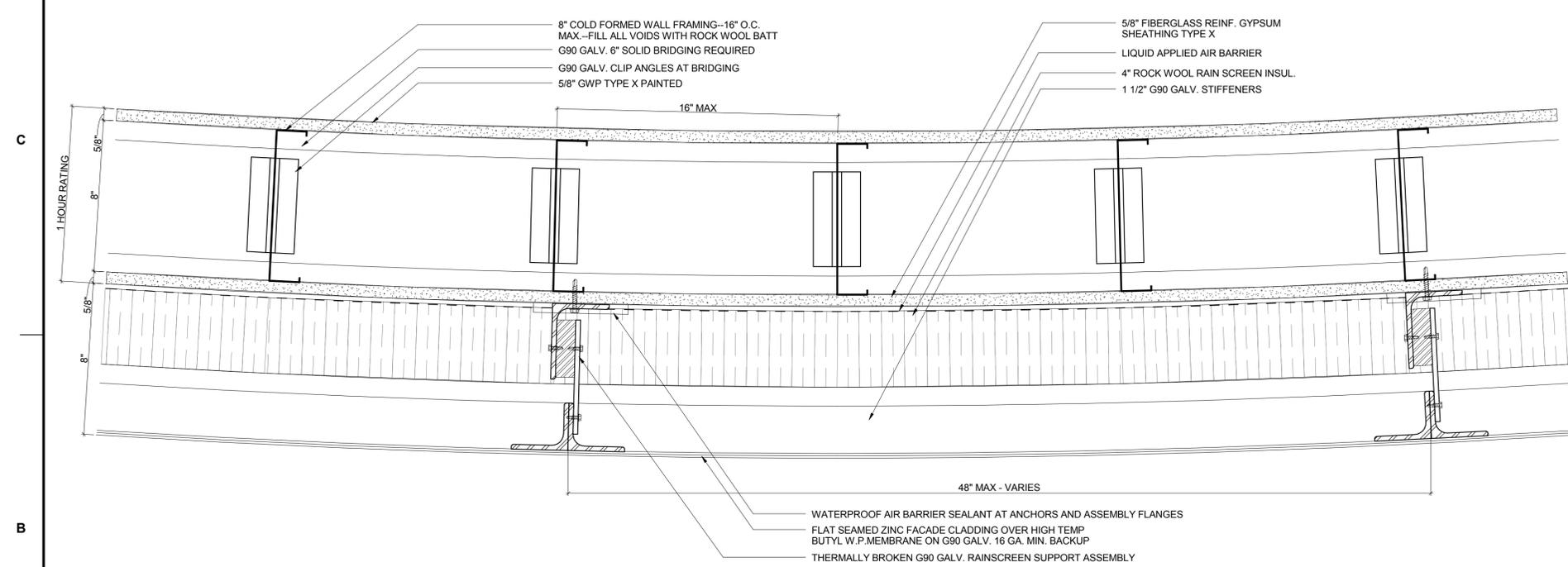
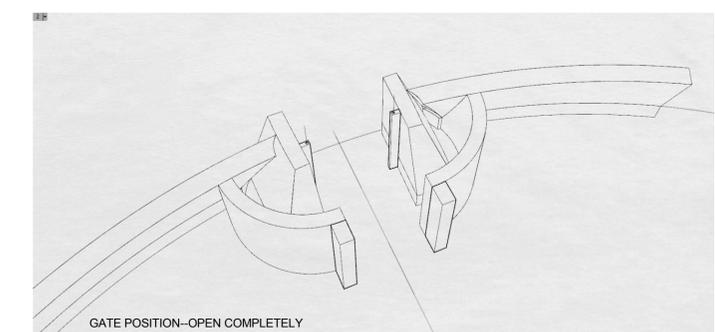
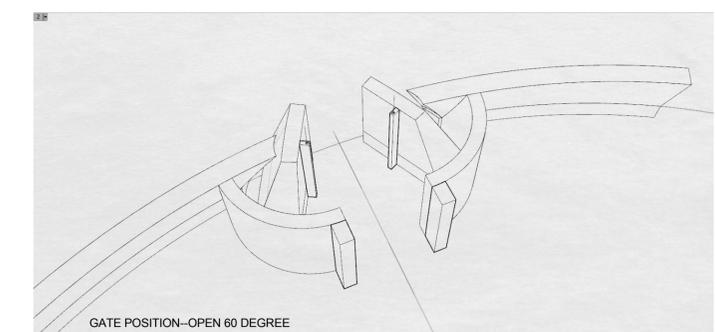
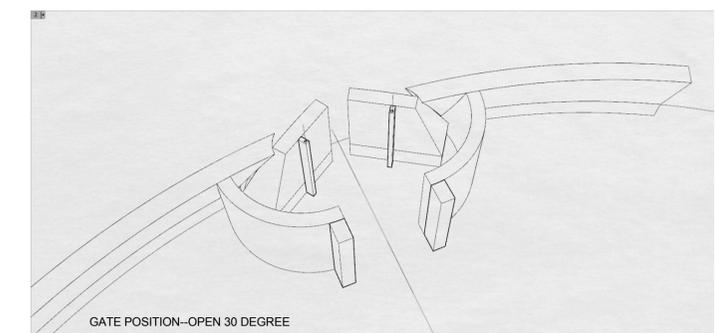
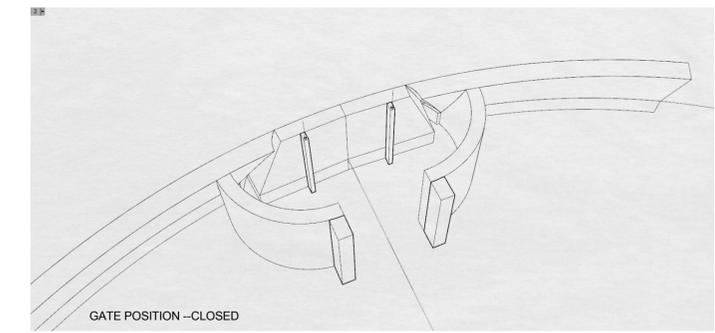
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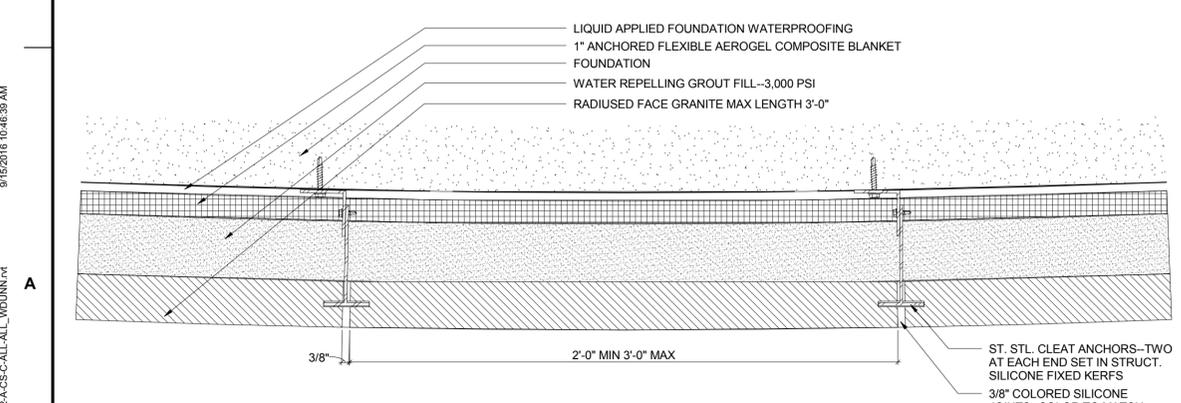
**D1** AUDITORIUM 3D ZINC COPING  
1/2" = 1'-0"



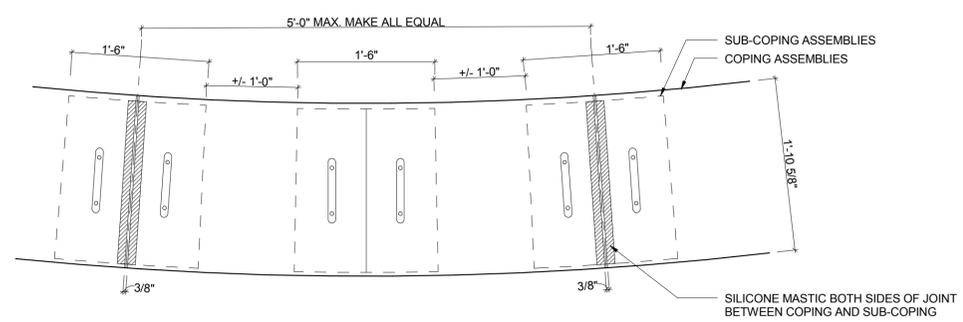
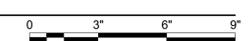
**D2** AUDITORIUM ZINC PATTERN  
1/4" = 1'-0"



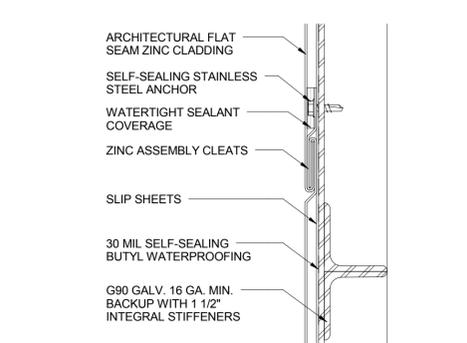
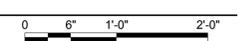
**B1** AUDITORIUM WALL DETAIL  
3" = 1'-0"



**A1** AUDITORIUM STONE BASE DETAIL  
3" = 1'-0"



**A3** AUDITORIUM COPING AND SUBCOPING  
1" = 1'-0"



**A5** AUDITORIUM ZINC SEAM DETAIL  
6" = 1'-0"



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100% RESUBMISSION	09/23/16
100% SUBMISSION	06/17/16
SYM DESCRIPTION	DATE

**FOR REVIEW ONLY**  
NOT FOR CONSTRUCTION

**HR**  
ARCHITECTURE | ENGINEERING & CONSULTING

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ARLINGTON, VIRGINIA 22201  
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

N/A

SATISFACTORY TO DATE

DES JG/DF | DRW HDR | CHK HE

PMCM ROBSON/NOURI

BRANCH MANAGER N/A

CHIEF ENGINEER N/A

NAVFAC FACILITIES ENGINEERING COMMAND

NAVFAC WASHINGTON

NSA/Bethesda, MD

BETHESDA, MD

P114 MEDICAL CENTER ADDITION / ALTERATION

EXTERIOR DETAILS - AUDITORIUM

SCALE: As indicated

PROJECT NO.: 1171746

CONSTR. CONTR. NO.: N62470-09-D-9044

NAVFAC DRAWING NO.

SHEET OF

**A-535**