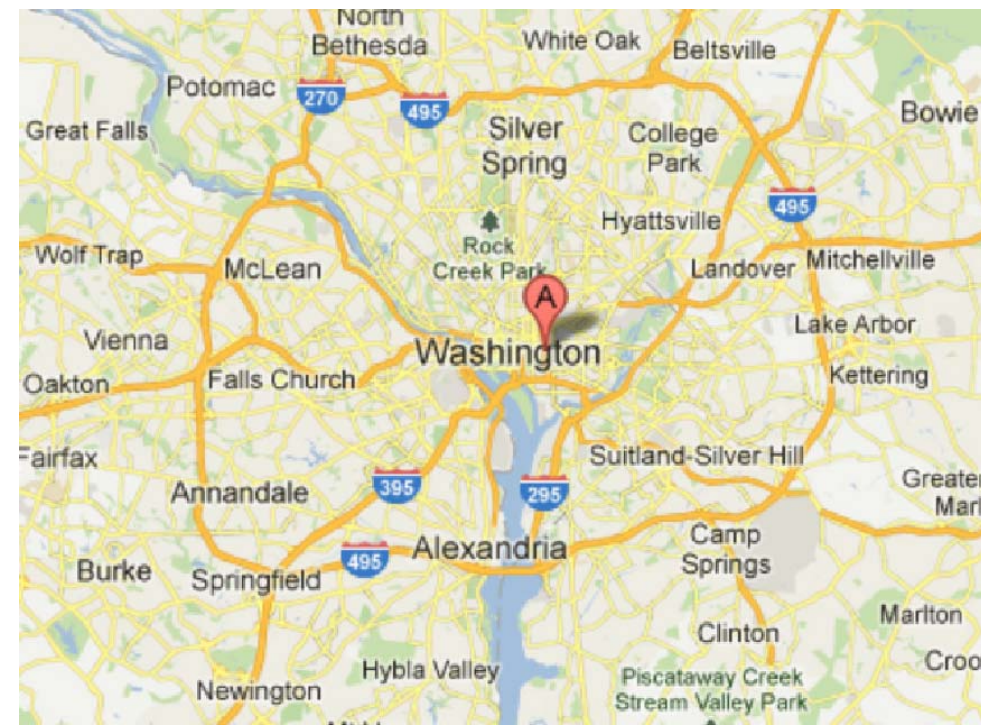
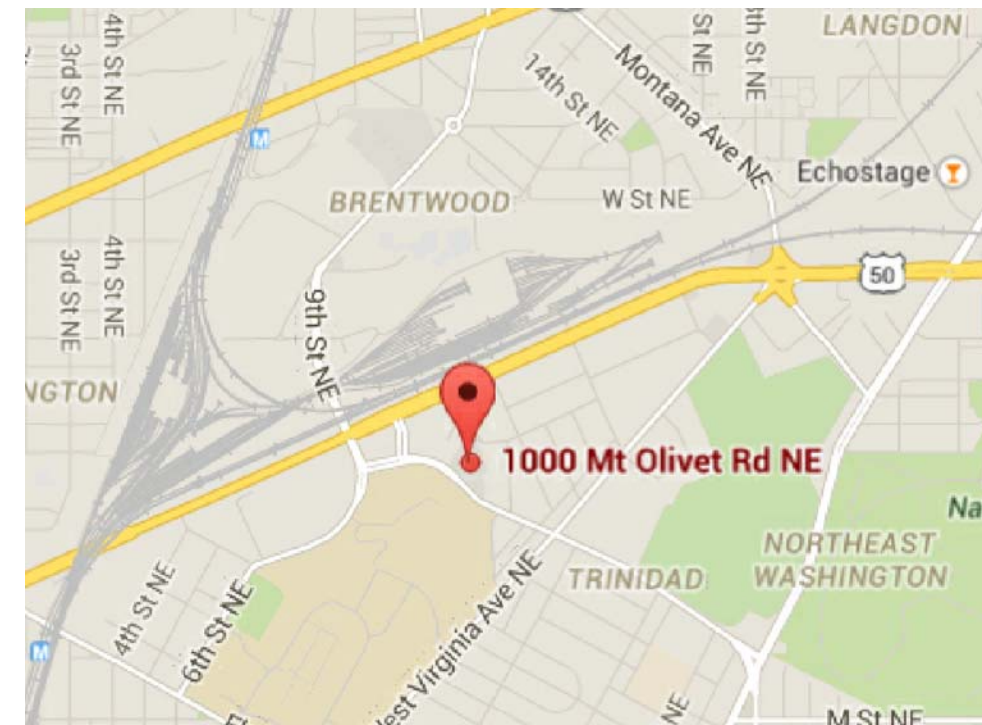


**VICINITY MAP**



**LOCATION MAP**



**LIST OF DRAWINGS**

CS-01	COVER SHEET & LIST OF DRAWINGS
G-01	ABBREVIATIONS & SYMBOLS
G-02	GENERAL NOTES
<b>CIVIL</b>	
C-0.0	COVER SHEET
C-1.0	EXISTING CONDITIONS PLAN
C-2.0	DEMOLITION PLAN
C-3.0	EROSION AND SEDIMENT CONTROL PLAN
C-3.1	EROSION AND SEDIMENT CONTROL NOTES
C-3.2	EROSION AND SEDIMENT CONTROL DETAILS
C-4.0	SITE DEVELOPMENT PLAN
C-4.1	SITE GEOMETRY LAYOUT PLAN AND DETAILS DETAILS
C-4.2	HARDSCAPE DETAILS
C-5.0	SITE UTILITY PLAN
C-6.0	STORMWATER MANAGEMENT PLAN
C-6.1	STORMWATER MANAGEMENT DETAILS
C-6.2	STORMWATER MANAGEMENT DETAILS
C-6.3	STORMWATER MANAGEMENT CALCULATIONS
C-6.4	STORMWATER MANAGEMENT MAINTENANCE SCHEDULES
<b>ARCHITECTURE</b>	
AE-01	EXISTING FLOOR PLAN & SCOPE OF WORK
AD-01	DEMOLITION PLAN
A01-01	COURTYARD PLAN
A01-02	WALL OPENING & DETAILS
A01-03	DETAILS
A01-04	WALL PLAN, ELEVATION, SECTIONS, & DETAILS
<b>STRUCTURE</b>	
S-1	STRUCTURAL NOTES
S-2	PROPOSED FOUNDATION & WALL PLAN
S-3	SECTIONS & DETAILS
S-4	SECTIONS & DETAILS
<b>ELECTRICAL</b>	
E001	ELECTRICAL COVER SHEET
E101	COURTYARD ELECTRICAL PLAN

**SCOPE OF WORK:**

1. THE SCOPE OF WORK OF THIS PROJECT IS LIMITED TO IMPROVING THE EXISTING COURTYARDS OF THE EXISTING BUILDING MARKED AS COURTYARD #1 AND COURTYARD #2.
2. EXISTING BUILDING IS UNTOUCHED IN COURTYARD IMPROVEMENTS.
3. THE SCOPE OF WORK IN THE CORTYARD INCLUDES CREATING A 10'-0" WIDE AND 10'-0" HIGH OPENING IN AN EXISTING 25'-9" LONG AND 28'-0" HIGH NON LOAD BEARING MASONRY DIVIDING WALL BETWEEN COURTYARD #1 AND COURTYARD #2. TEMPORARY SUPPORTS FOR NEW LINTELS WILL BE INSTALLED AND INDICATED ON THE STRUCTURAL DRAWINGS. A ROLL UP GRILLE IS PROVIDED AT THE OPENING TO ENABLE SECURING COURTYARD #1 IN CASE IT IS REQUIRED.
4. AT THE END OF THE COURTYARD #2 EXISTING FENCE WALL AND DOOR ARE REPLACED BY A 25'-9" LONG AND 15'-0" HIGH MASONRY WALL WITH AN ALARMED EXIT DOOR AND SECURITY GRILLE.
5. ARCHITECTURAL, STRUCTURAL, CIVIL, LANDSCAPING AND ELECTRICAL IMPROVEMENTS ARE INDICATED ON EACH DISCIPLINE DRAWINGS.

**CODE ANALYSIS:**

**BUILDING DATA:**  
THE SCOPE OF WORK IS LIMITED TO COURTYARDS ONLY AND NO WORK IS CARRIED INSIDE THE BUILDING.

**THE FOLLOWING CURRENT CODES GOVERN THE DESIGN CRITERIA:**

- 2012 INTERNATIONAL BUILDING CODE.
- 2012 INTERNATIONAL PLUMBING CODE
- 2012 INTERNATIONAL ENERGY CODE
- 2012 INTERNATIONAL FIRE CODE
- 2011 NATIONAL ELECTRIC CODE
- 2011 NFPA 101 LIFE SAFETY CODE

**JURISDICTION:** DISTRICT OF COLUMBIA

**BUILDING LOCATION:** 1000 MOUNT OLIVET ROAD, NE WASHINGTON DC 20002

**BUILDING DESCRIPTION:** THE EXISTING BUILDING IS A THREE STORIES MASONRY BUILDING AROUND THE OURTYARDS AND IS USED AS YOUTH REHABILITATION SERVICES (DYRS). NO WORK IS BEING DONE INSIDE THE BUILDING. THE USE OF THE COURTYARDS IS FOR FULLY SUPERVISED AND CONTROLLED EXTERIOR ACTIVITIES FOR RELAXATION, SMALL GROUP MEETINGS, DISCUSSIONS AND PLAY ACTIVITIES.

**USE GROUP:** GROUP B (ACCESSARY TO THE MAIN BUILDING)

**COURTYARD AREA:** 10,937 SQ. FT.

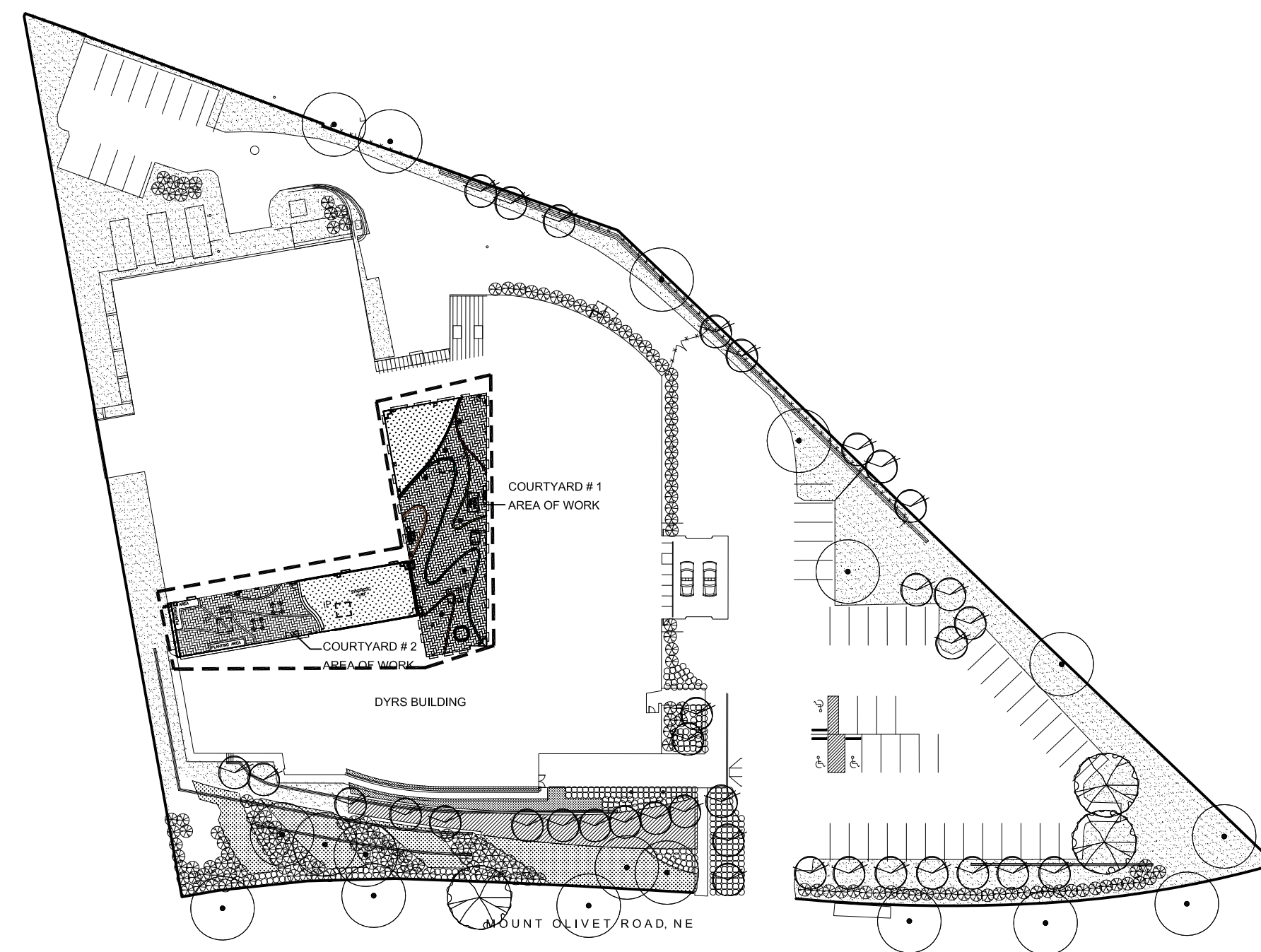
**BUILDING AREA:** NOT APPLICABLE

**TYPE OF CONSTRUCTION:** NOT APPLICABLE

**TYPE OF SPRINKLER:** NOT APPLICABLE

**ALLOWABLE STORIES AND HEIGH:** NOT APPLICABLE

**OCCUPANT LOADING:** LESS THAN 50 (SIGNAGE LIMITING THE OCCUPANT LOAD TO 49 IS INS



**SITE PLAN**  
SCALE: 1/64"=1'-0"  
CS-01 | CS-01

# YOUTH SERVICES CENTER COURTYARD RENOVATION

1000 MOUNT OLIVET ROAD, NE  
WASHINGTON, DC 20002

**CONSTRUCTION DOCUMENTS**  
OCTOBER 12, 2015

**PROJECT TEAM**

OWNER



**DEPARTMENT OF GENERAL SERVICES (DGS)**  
1250 U STREET, NW, 4TH FLOOR  
WASHINGTON, DC 20009

ARCHITECT



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STRUCTURAL ENGINEER



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MECHANICAL, ELECTRICAL, PLUMBING



**GLOBAL ENGINEERING SOLUTION**

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**AMT LLC**  
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SHEET TITLE

COVER SHEET &  
LIST OF DRAWINGS

PROJECT NO

1310

SUBMISSION DATE

DATE OF ORIGIN: AUGUST 20, 2015

SHEET NO

**CS-01**





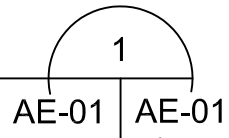












**EXISTING FIRST FLOOR PLAN**  
 SCALE: 1/16"=1'-0"


 AE-01 AE-01

### LEGEND GENERAL SCOPE OF WORK

- 
**COURTYARD 1 & 2 (AREA OF WORK)**
- 1. WALLS: EXISTING WALL BETWEEN TWO COURT YARDS WILL REMAIN AND BE STRUCTURALLY MODIFIED AND ARCHITECTURALLY REPAIRED MOTORIZED METAL ROLL UP GRILL WILL BE PROVIDED IN THE OPENING.
- 2. OUTDOOR TV: LARGE OUTDOOR TV WILL BE INSTALLED ON COURT YARD 2 SIDE OF THE WALL BETWEEN COURTYARD 1 AND COURTYARD 2. SEE SHEET 2/A01-02
- 3. SITE FURNISHINGS: PROVIDE NEW SITE FURNISHINGS INCLUDING SEATING, TABLES, PILLARS, ETC. EXISTING ELEMENT IN CONFLICT WITH THE NEW DESIGN IS TO BE REMOVED. COURTYARD 1 IS TO BE UPGRADED WITH NEW LIGHTING AND PAVEMENT.
- 
**STRUCTURAL ELEMENTS**
- 1. WALLS: NEW OPENING TO BE CREATED IN THE EXISTING WALL BETWEEN THE COURTYARD 1 & COURTYARD 2 AND A NEW WALL TO BE CONSTRUCTED AT THE END OF COURTYARD 2
- NOTE**
- 1. SEE DETAILED SCOPE OF WORK ON THE DRAWINGS.

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SUBMISSION SCHEDULE	DATE
NO DESCRIPTION	

REVISION SCHEDULE	DATE
NO DESCRIPTION	

PROJECT:

## YOUTH SERVICES CENTER COURTYARD RENOVATION

1000 MOUNT OLIVET ROAD, NE  
WASHINGTON, DC 20002

SHEET TITLE:

### EXISTING FLOOR PLAN & SCOPE OF WORK

PROJECT NO: 1310

OCTOBER 12, 2015

SCALE: AS NOTED

SHEET NO:



**DEMOLITION KEY NOTES:**

ITEMS TO BE DEMOLISHED

- ① WALLS NEW OPENING TO BE CREATED IN THE EXISTING WALL IN THE COURTYARD #1 SALVAGE BRICK FOR RE-USE. SEE STRUCTURAL DRAWINGS FOR TEMP SUPPORTS.
- ② CONCRETE WALKWAY CONCRETE WALKWAY TO BE DEMOLISHED
- ③ METAL FENCE & DOOR METAL FENCE & DOOR TO BE DEMOLISHED

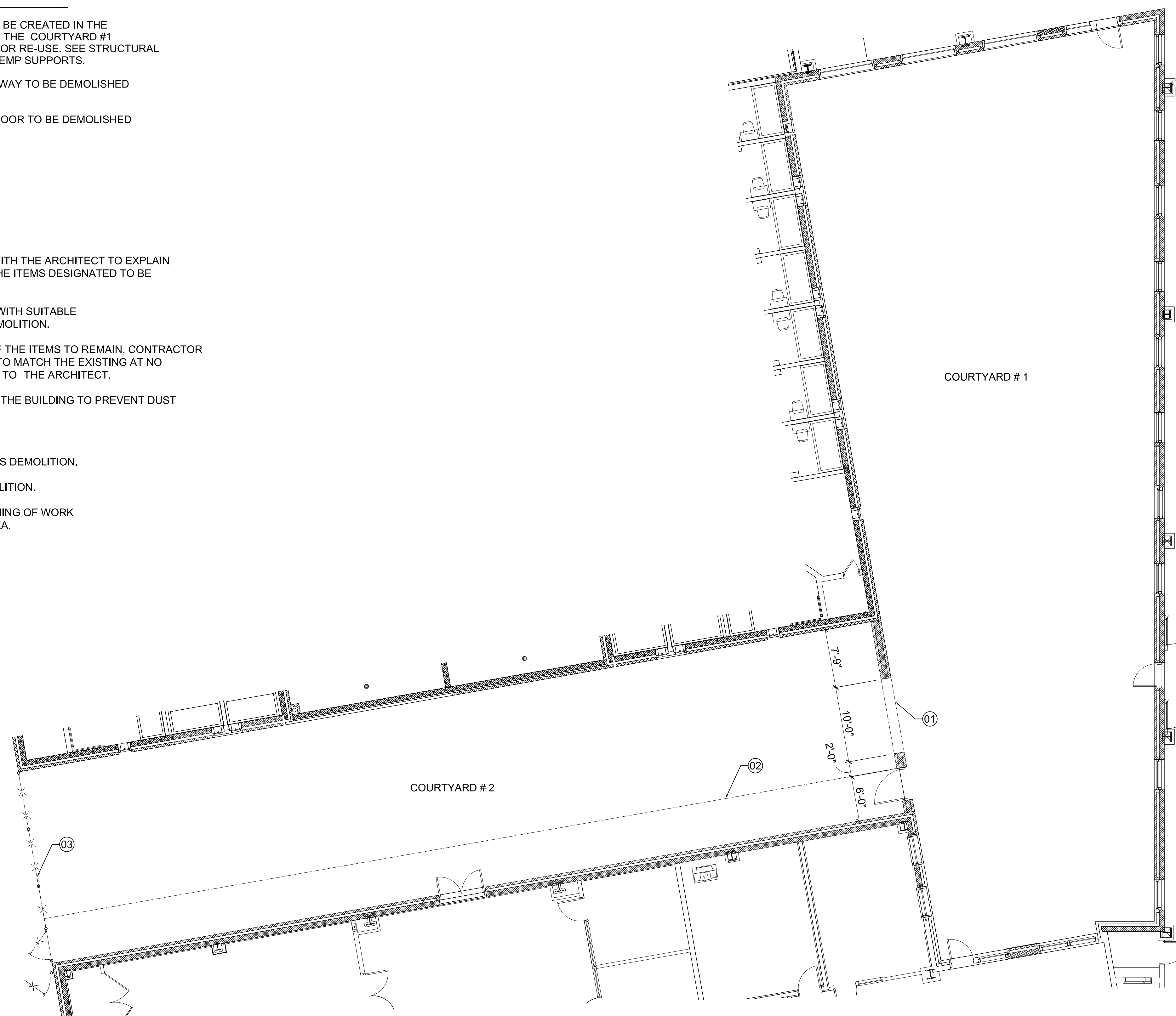
**GENERAL DEMOLITION NOTES:**

GENERAL:


1. BEFORE STARTING DEMOLITION, WALK THE SPACE WITH THE ARCHITECT TO EXPLAIN THE PROCESS AND PROCEDURE OF DEMOLISHING THE ITEMS DESIGNATED TO BE DEMOLISHED AND REMOVED.
2. PROTECT WALLS AROUND THE DEMOLITION AREAS WITH SUITABLE MATERIALS TO PREVENT FROM DAMAGE DURING DEMOLITION.
3. IN CASE OF DAMAGE TO FINISHES AND SURFACES OF THE ITEMS TO REMAIN, CONTRACTOR SHALL REPAIR AND FIX DAMAGED ITEMS WITH NEW TO MATCH THE EXISTING AT NO ADDITIONAL COST TO THE OWNER AND ACCEPTABLE TO THE ARCHITECT.
4. SEAL PROJECT WORK AREA FROM OTHER AREAS OF THE BUILDING TO PREVENT DUST TRAVELLING OUTSIDE OF THE WORK AREA.

**NOTES:**


1. SEE CIVIL ENGINEERING DRAWINGS FOR CIVIL WORKS DEMOLITION.
2. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL DEMOLITION.
3. COORDINATE WITH DGS PROJECT MANAGER FOR TIMING OF WORK AND ENTRY /EXIT REQUIREMENTS TO THE WORK AREA.





**FIRST FLOOR DEMOLITION PLAN**  
 SCALE: 1/8"=1'-0"  
 1  
 AD-01 | AD-01

OWNER  
  
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SUBMISSION SCHEDULE	DATE
NO DESCRIPTION	

REVISION SCHEDULE	DATE
NO DESCRIPTION	

PROJECT:

**YOUTH SERVICES CENTER  
 COURTYARD  
 RENOVATION**

1000 MOUNT OLIVET ROAD, NE  
 WASHINGTON, DC 20002

SHEET TITLE:  
**DEMOLITION PLAN**

PROJECT NO: 1310  
 OCTOBER 12, 2015

SCALE: AS NOTED

SHEET NO:



# MANUFACTURERS' SPECIFICATIONS:

THE FOLLOWING MANUFACTURERS, MODEL NUMBERS AND SPECIFICATIONS ARE PROVIDED FOR QUALITY CONTROL AND WORKMANSHIP ON THE PROJECT. MATERIALS MEETING THE SAME OR BETTER IN QUALITY MAY BE USED ON THE PROJECT IF APPROVED BY THE ARCHITECT. ALL SUBSTITUTIONS MUST RECEIVE ARCHITECT'S WRITTEN APPROVAL PRIOR TO PROCUREMENT OF THE MATERIALS.

## COURTYARD ROLL-UP GRILLE (C01):

- MOTORIZED ROLL UP GRILLE SHALL BE MODEL 670 MANUFACTURED BY "OVERHEAD DOOR INDUSTRY" OR, EQUAL ON APPROVAL BY THE ARCHITECT.
- FINISH ON ALL MATERIALS SHALL BE ALUMINUM MILL FINISH POWDER COATED TO MATCH EXISTING WALL COLOR.
- PATTERN SHALL BE STRAIGHT LATTICE.
- BOTTAM BAR, GUIDE HOOD AND FACIA SHALL BE EXTRUDED ALUMINUM.
- MOUNTING SHALL BE ON THE COURTYARD-2 FACE OF THE WALL.
- OPERATION SHALL BE ELECTRIC BY WALL MOUNTED RMX OPERATOR.
- SUBMIT MANUFACTURER'S PRODUCT DATA SHEETS, SHOP DRAWINGS AND RECOMMENDED INSTALLATION INSTRUCTIONS FOR ARCHITECT'S REVIEW AND APPROVAL PRIOR TO PROCURING MATERIALS.
- ON COMPLETION, CLEAN UP ALL AREAS AND SURFACES OF DUST, DIRT AND RUBBISH.

## CURTAYRD VERTICAL LED LIGHT ENCLOSURE (C02):

- ENCLOSURE FRAMING TUBES SHALL BE HOT ROLLED GALVANIZED MILD STEEL SQUARE TUBES A500 IN SIZE 2"x2"x1/4".
- LIGHT ENCLOSURE SHALL BE PERFORATED STAINLESS STEEL SHEET 1/8" THICK WITH 1/2" ROUND ON 11/16" STAGGERED HOLES SHAPED AS INDICATED ON THE DRAWINGS. ALL ENCLOSURE EDGES SHALL BE CAPPED BY A 2" WIDE "U" SHAPED 1/16" THICK STAINLESS STEEL TRIM WELEDED ON EITHER SIDE OF THE ENCLOSURE.
- ENCLOSURE CAP SHALL BE MADE OF STAINLESS STEEL 1/8" THICK METAL IN THE SHAPE INDICATED ON THE DRAWINGS.
- FINISH ON ALL TUBES, PERFORATED ENCLOSURE, CAP, BASE PLATE, HARDWARE AND ATTACHMENTS SHALL BE POWDER COATED TO MATCH EXISTING WALL COLOR.
- SUBMIT MANUFACTURER'S PRODUCT DATA SHEETS AND RECOMMENDED INSTALLATION INSTRUCTIONS FOR ARCHITECT'S REVIEW AND APPROVAL PRIOR TO PROCURING MATERIALS.

## OUTDOOR TV

- OUTDOOR TV SHALL BE 80"NxG DS-700 OUTDOOR TV AS MANUFACTURED BY SKYVIEW COMPANY.

## COURTYARD-2 FIXED SECURITY GRILLE IN EXTERIOR WALL:

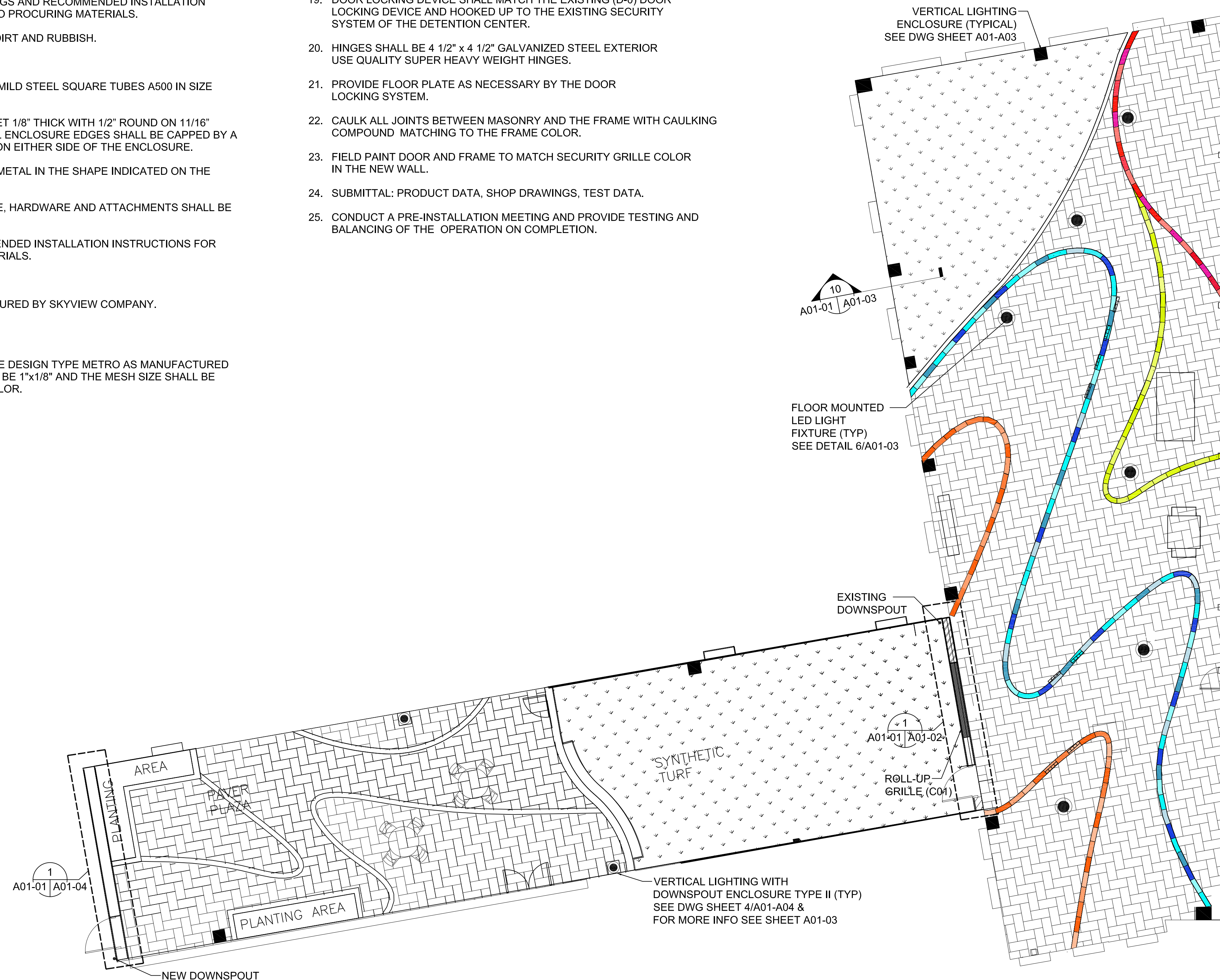
- THE SECURITY GRILLE SHALL BE ARCHITECTURAL SECURITY GRILLE DESIGN TYPE METRO AS MANUFACTURED BY AMETCO MANUFACTURING CORPORATION. THE BAR SIZE SHALL BE 1"x1/8" AND THE MESH SIZE SHALL BE 2-7/16" x 5-3/16" POWDER COATED TO EXISTING MASONRY WALL COLOR.

## COURTYARD-2 BLAST RESISTANT STEEL DOOR & FRAME IN EXTERIOR WALL:


- FRAME SHALL BE 3 PSI BLAST RESISTANT (TESTED TO ASTM E330) PRESSED GALVANISED STEEL FRAME FOR EXTERIOR USE AND SIZES INDICATED ON THE DRAWINGS OR, TO MATCH THE EXISTING DOOR FRAME (D-0). FRAME SHALL BE FACTORY PAINTED WITH RUST RESISTING COATINGS.
- FRAMES SHALL BE ANCHORD INTO MASONRY BY FOUR GALVANISED STEEL MASONRY ANCHORS ON EITERSIDE.
- DOOR SHALL BE 3 PSI BLAST RESISTANT (TESTED TO ASTM E330) GALVANIZED STEEL CORE FOR EXTERIOR USE REINFORCED FOR BLAST RESISTANT AND DOOR HARDWARE. DOOR SHALL BE FACTORY PAINTED WITH RUST RESISTANT COATINGS.
- DOOR LOCKING DEVICE SHALL MATCH THE EXISTING (D-0) DOOR LOCKING DEVICE AND HOOKED UP TO THE EXISTING SECURITY SYSTEM OF THE DETENTION CENTER.
- HINGES SHALL BE 4 1/2" x 4 1/2" GALVANIZED STEEL EXTERIOR USE QUALITY SUPER HEAVY WEIGHT HINGES.
- PROVIDE FLOOR PLATE AS NECESSARY BY THE DOOR LOCKING SYSTEM.
- CAULK ALL JOINTS BETWEEN MASONRY AND THE FRAME WITH CAULKING COMPOUND MATCHING TO THE FRAME COLOR.
- FIELD PAINT DOOR AND FRAME TO MATCH SECURITY GRILLE COLOR IN THE NEW WALL.
- SUBMITTAL: PRODUCT DATA, SHOP DRAWINGS, TEST DATA.
- CONDUCT A PRE-INSTALLATION MEETING AND PROVIDE TESTING AND BALANCING OF THE OPERATION ON COMPLETION.

## LEGEND

- VERTICAL LIGHTING ENCLOSURE (C02)
- FLOOR MOUNTED LED LIGHTING
- VERTICAL LIGHTING WITH DOWNSPOUT ENCLOSURE




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


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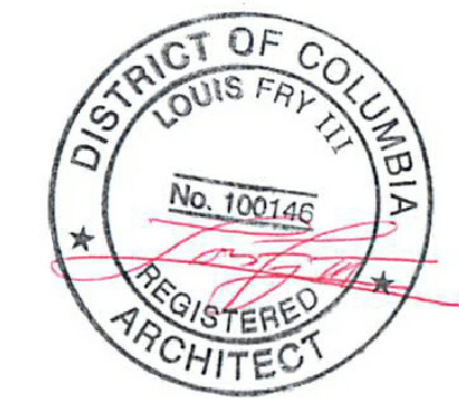
ARCHITECT  
  
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NO DESCRIPTION	

PROJECT:

## YOUTH SERVICES CENTER COURTYARD RENOVATION

1000 MOUNT OLIVET ROAD, NE  
WASHINGTON, DC 20002

SHEET TITLE:

## COURTYARD PLAN

PROJECT NO: 1310

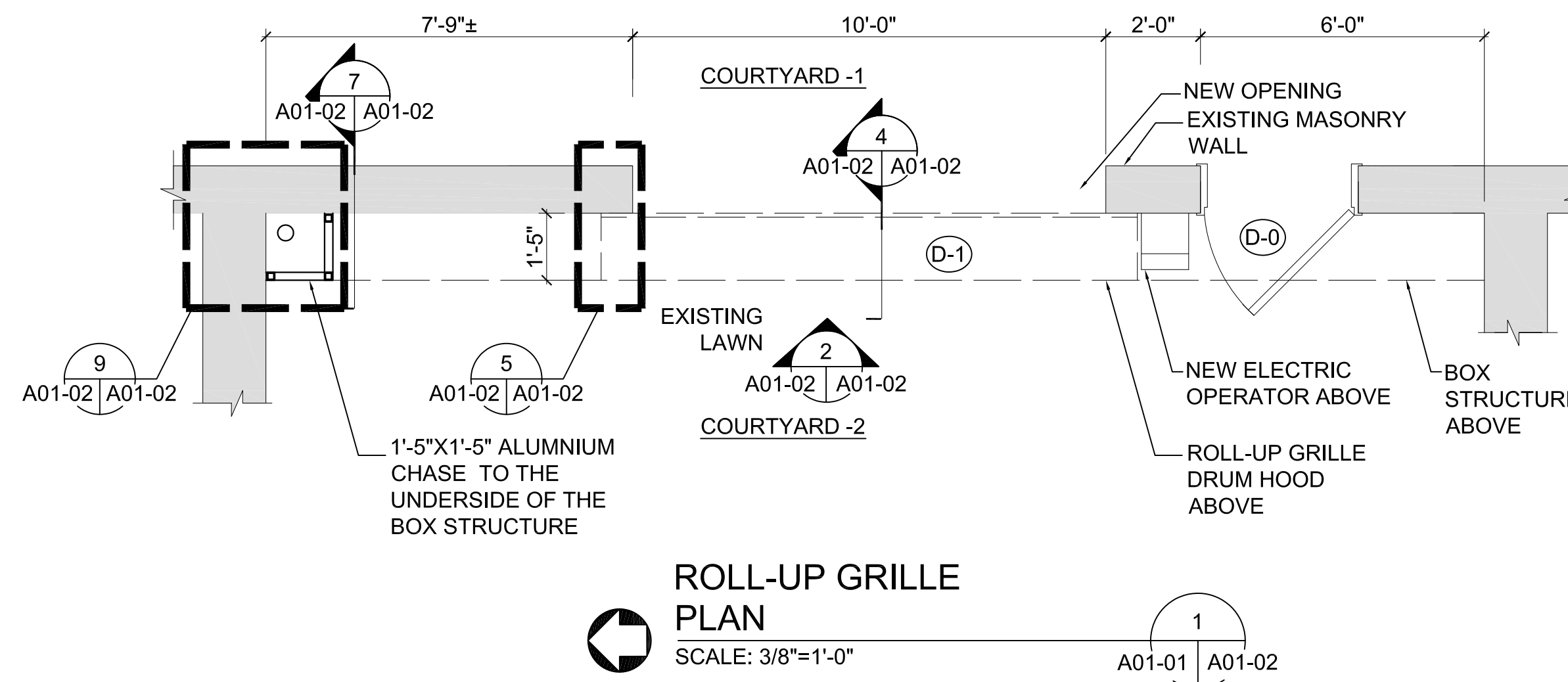
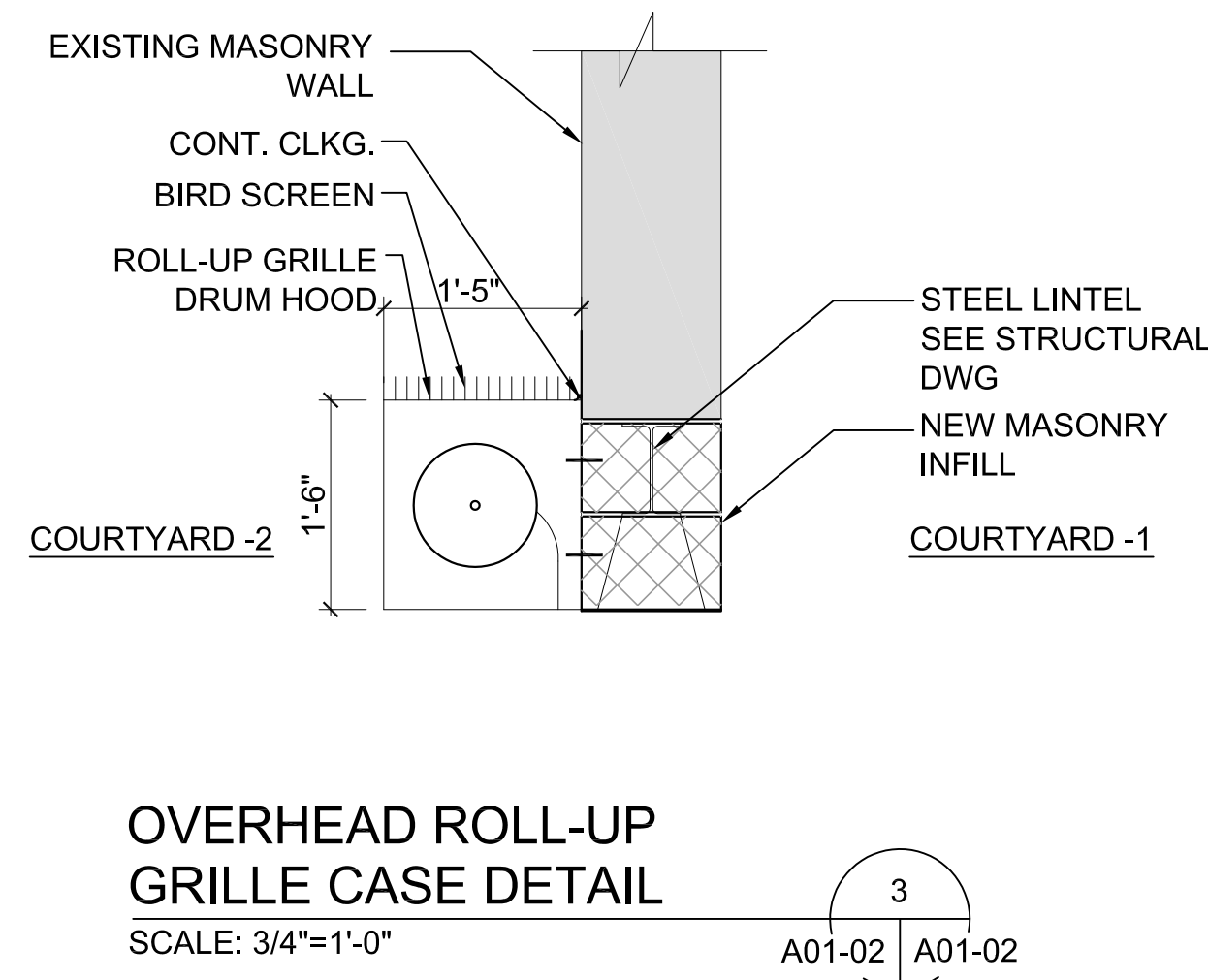
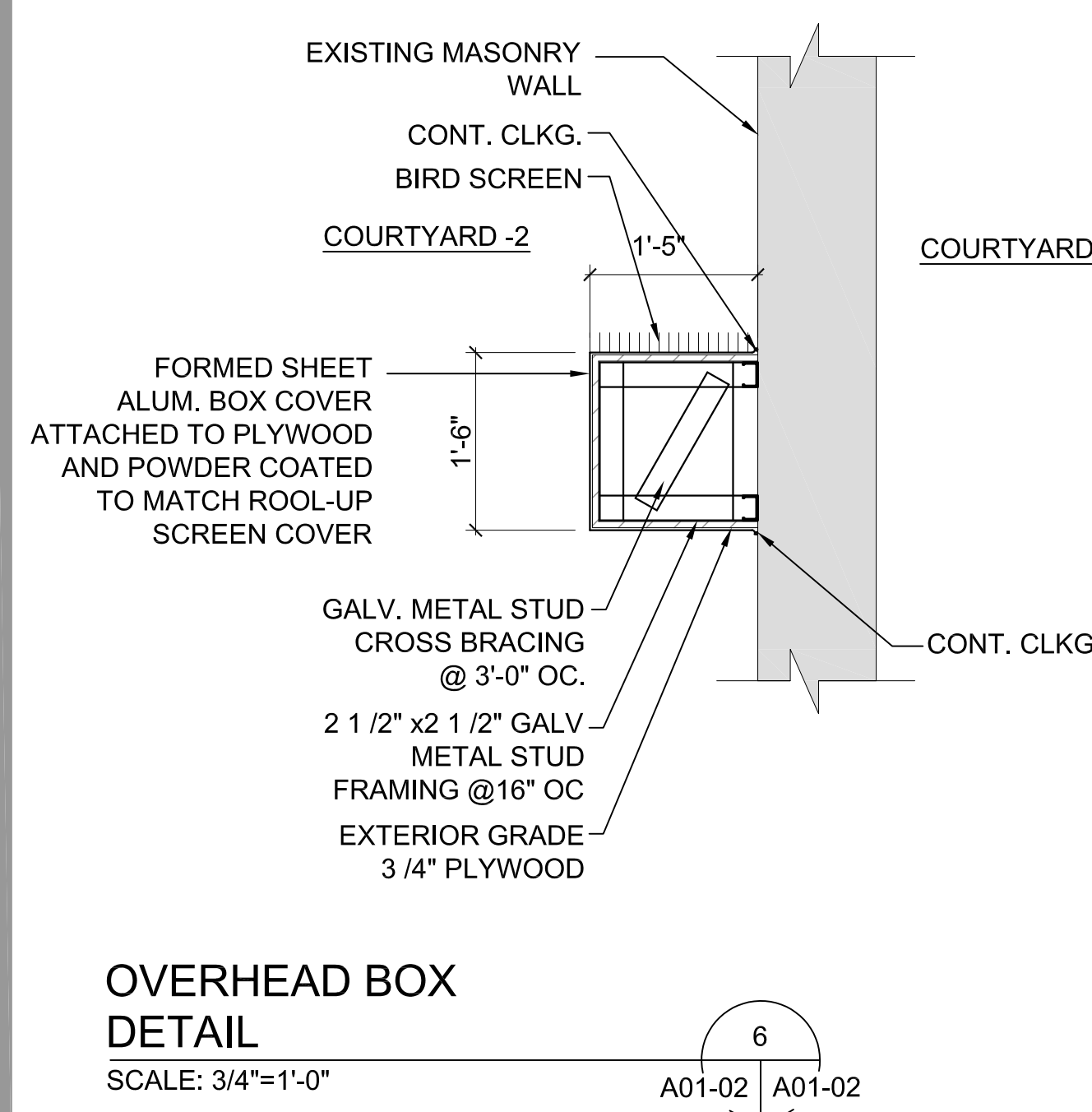
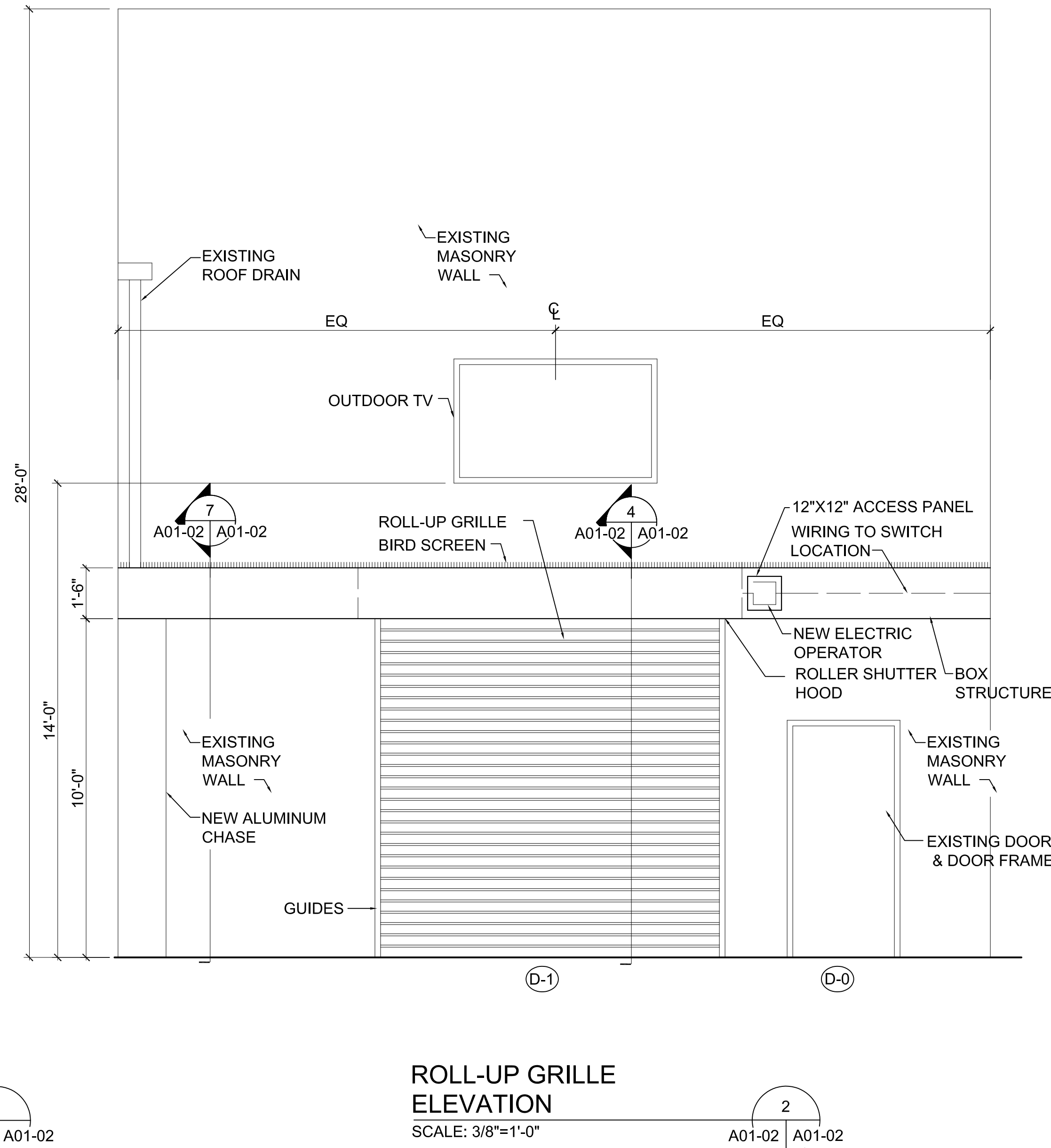
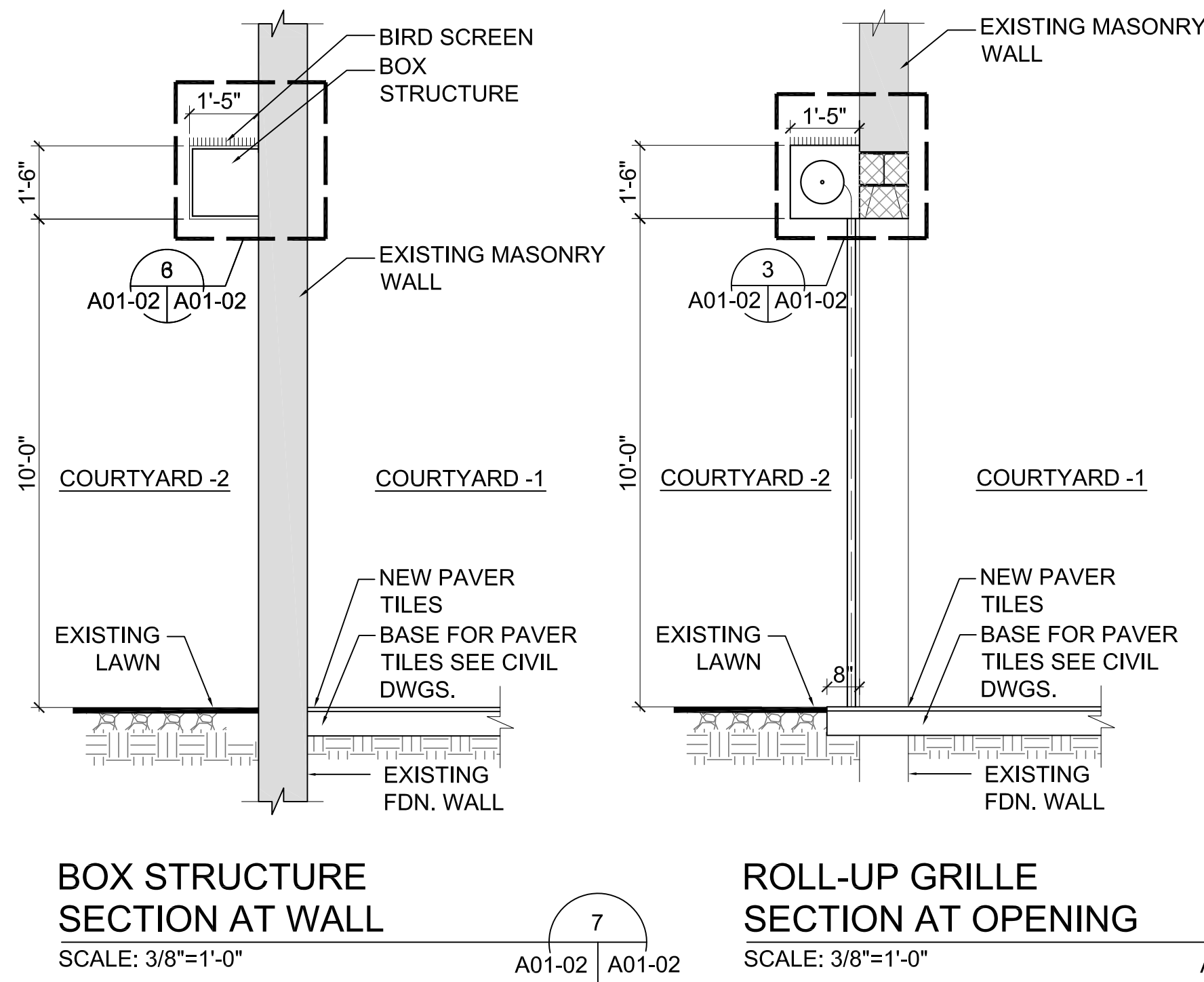
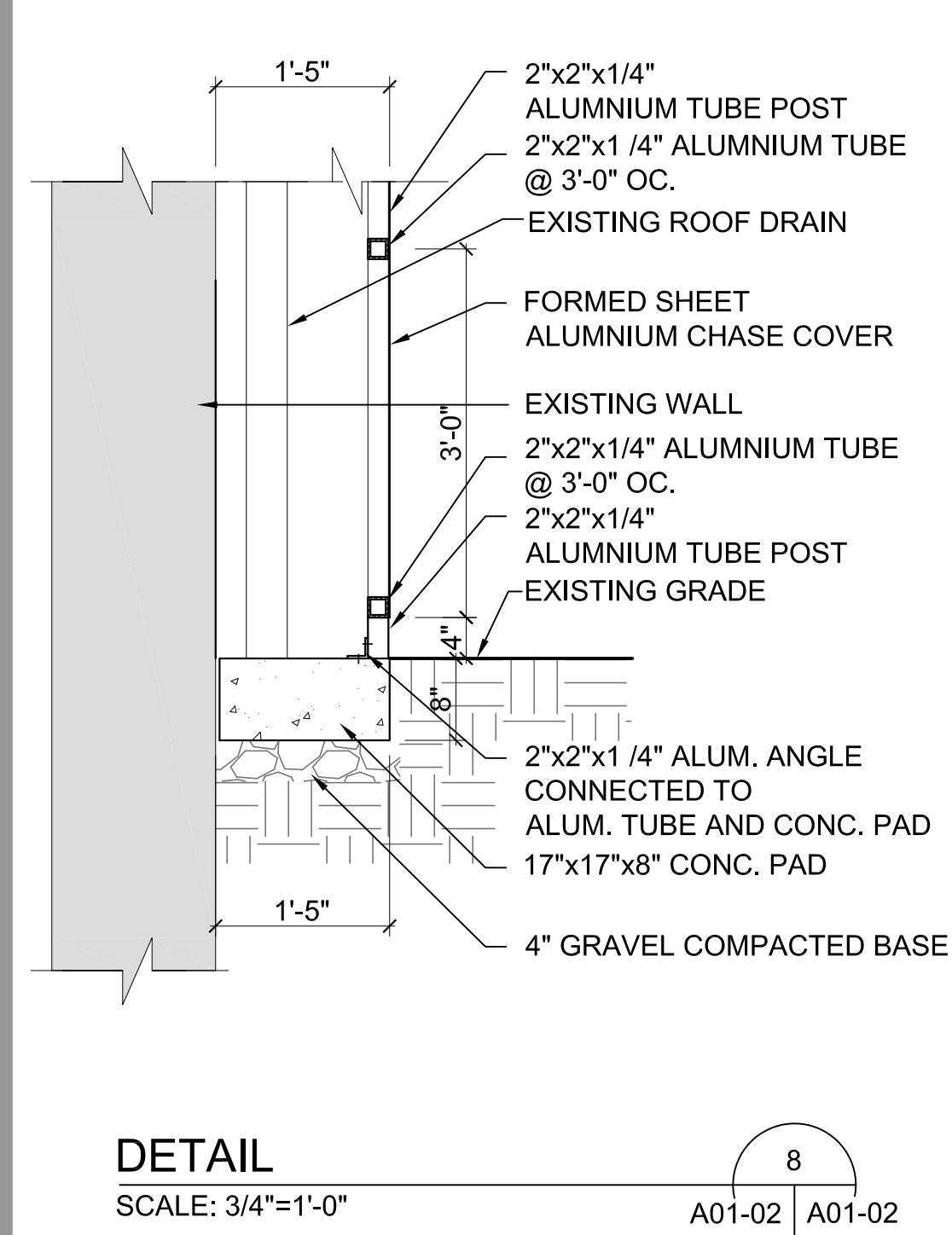
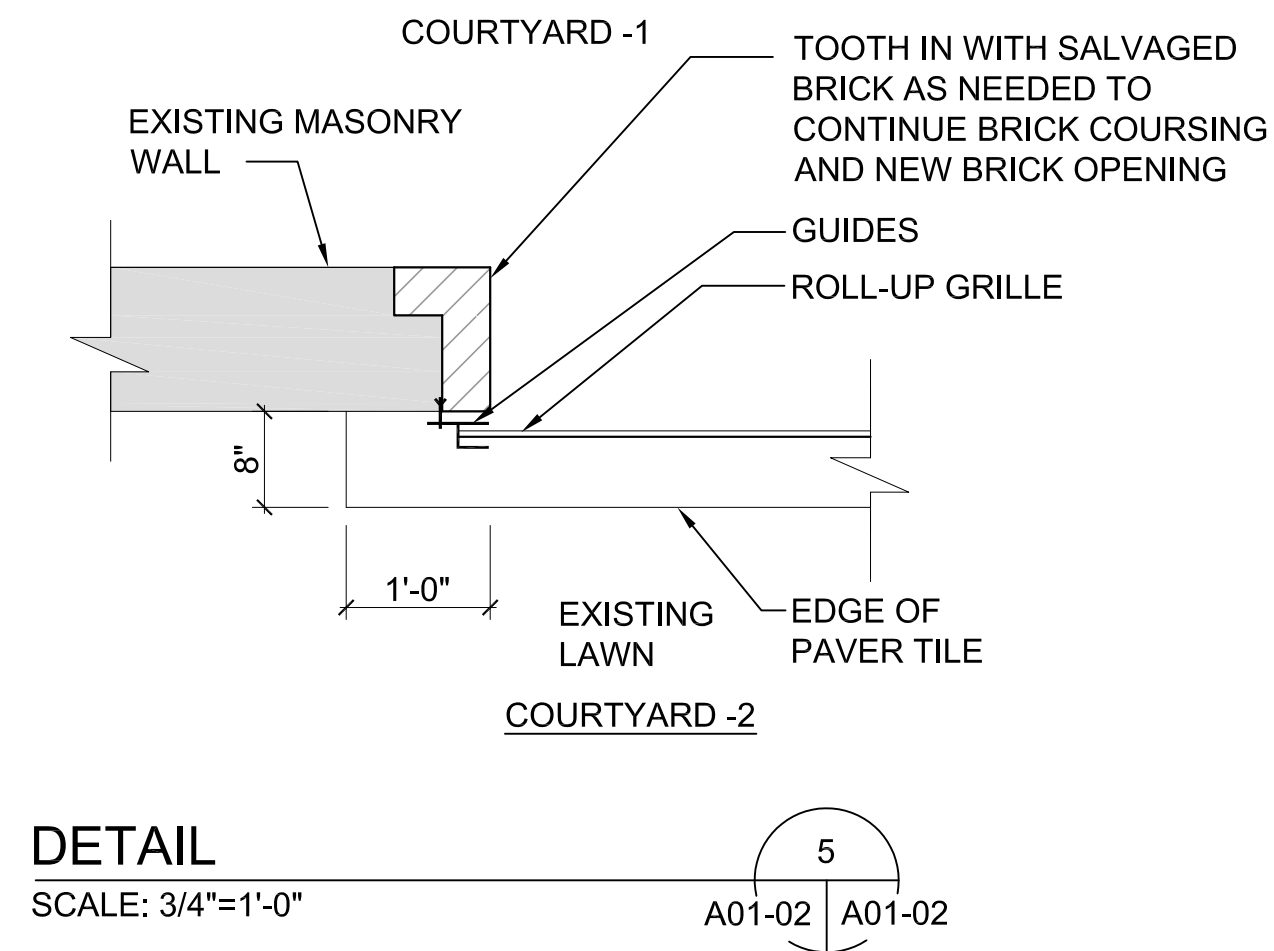
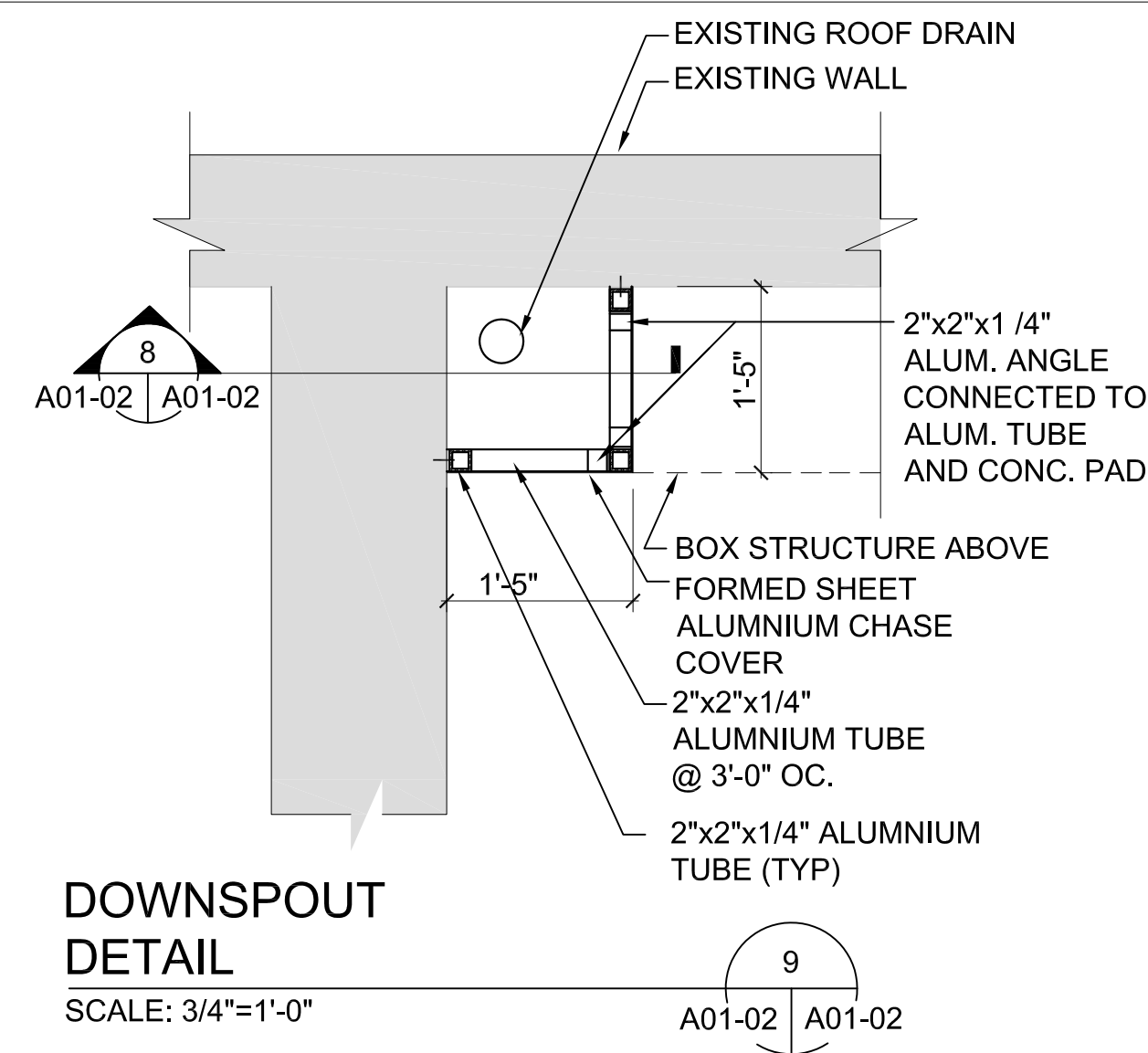
OCTOBER 12, 2015


SCALE: AS NOTED

SHEET NO:


A01-01






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NO DESCRIPTION	

REVISION SCHEDULE	DATE
NO DESCRIPTION	

PROJECT:  
**YOUTH SERVICES CENTER  
 COURTYARD  
 RENOVATION**  
 1000 MOUNT OLIVET ROAD, NE  
 WASHINGTON, DC 20002

SHEET TITLE:  
**WALL OPENING  
 & DETAILS**

PROJECT NO: 1310  
 OCTOBER 12, 2015  
 SCALE: AS NOTED

SHEET NO:

**A01-02**



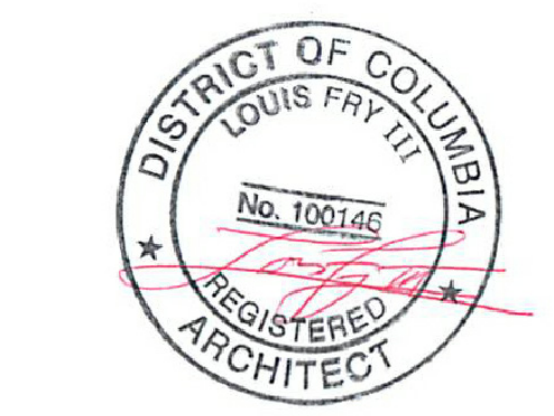
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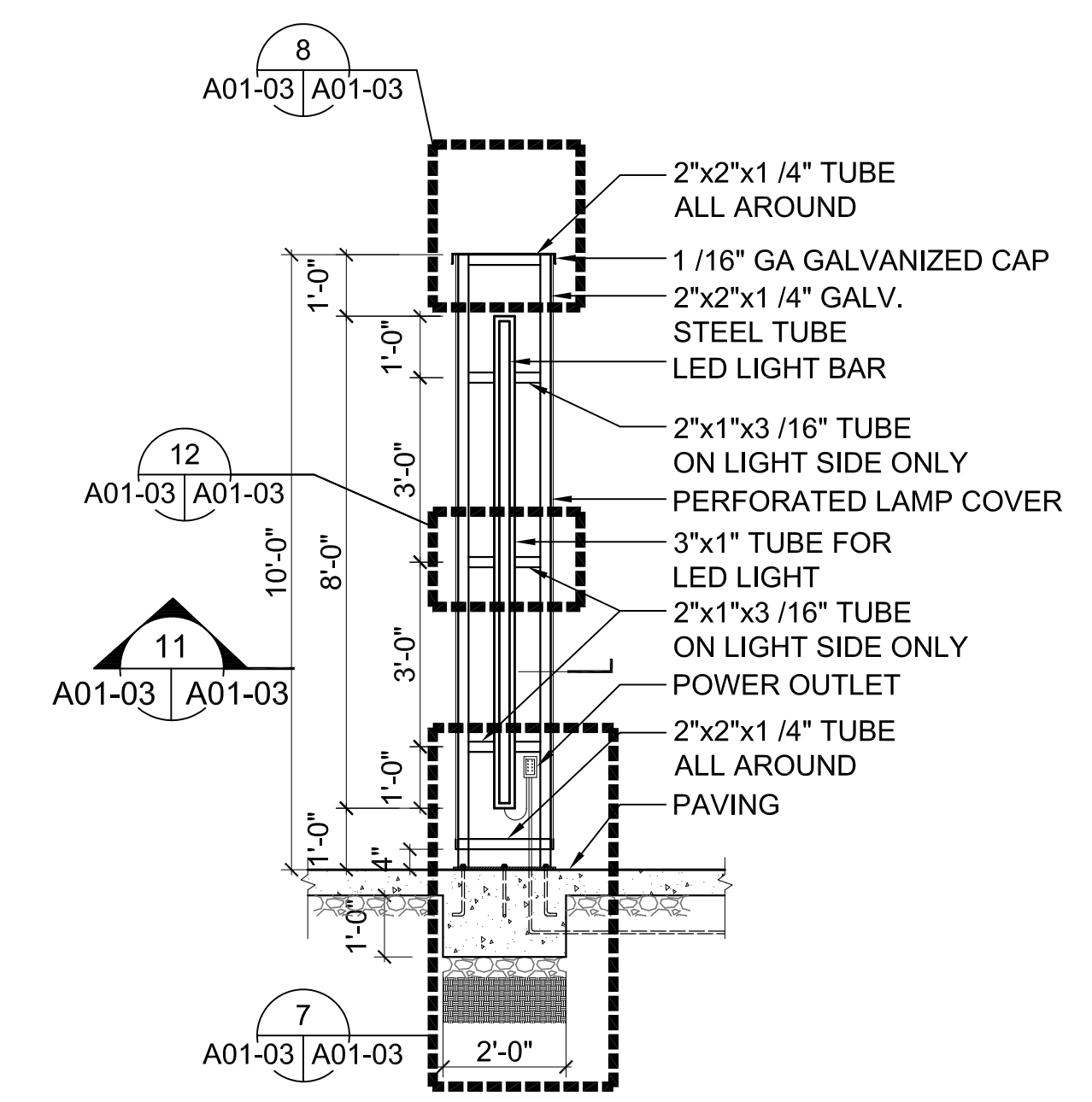
SUBMISSION SCHEDULE	DATE
NO DESCRIPTION	

REVISION SCHEDULE	DATE
NO DESCRIPTION	

PROJECT:  
**YOUTH SERVICES CENTER  
 COURTYARD  
 RENOVATION**  
 1000 MOUNT OLIVET ROAD, NE  
 WASHINGTON, DC 20002

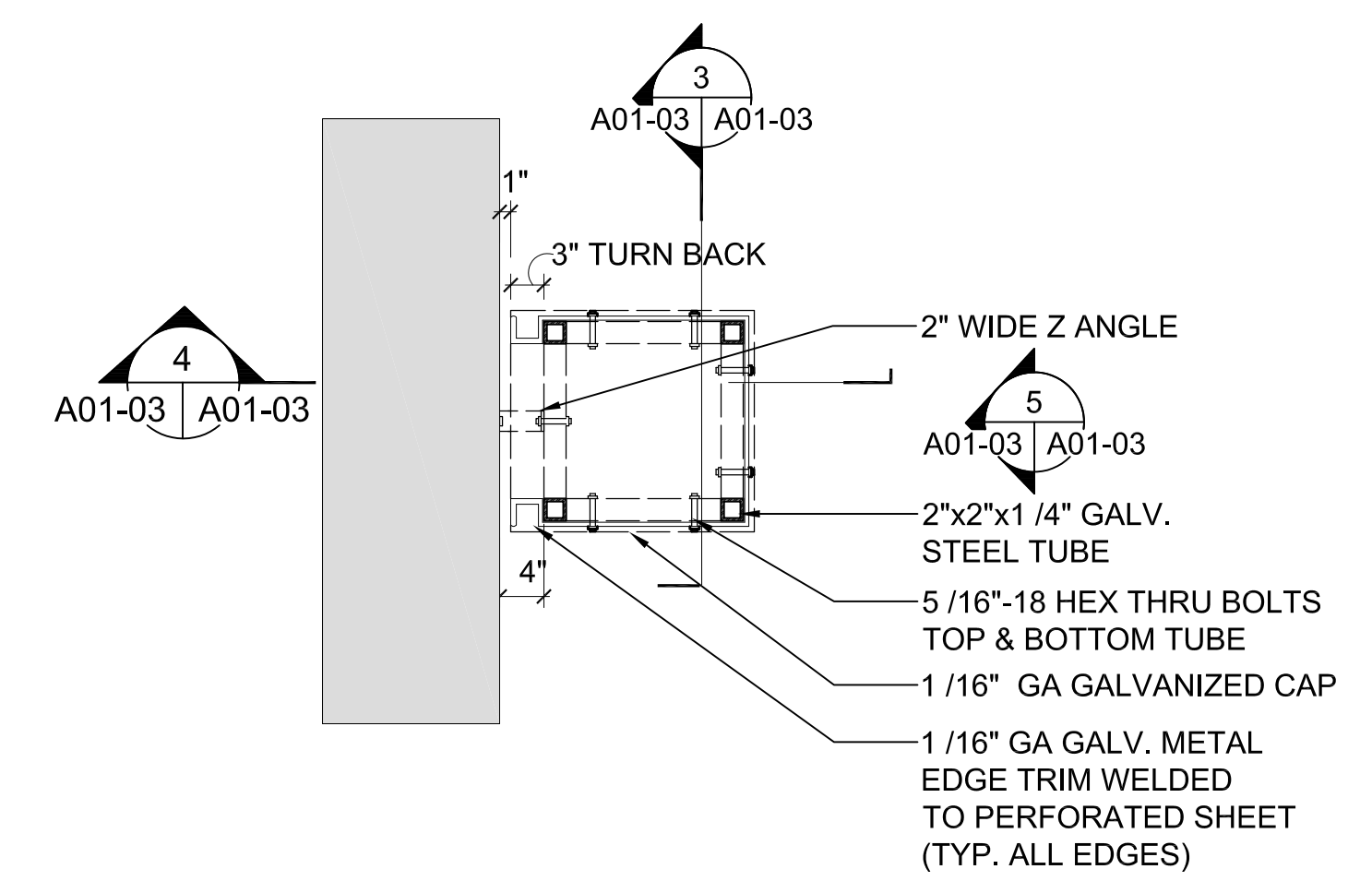
SHEET TITLE:  
**DETAILS**

PROJECT NO: 1310  
 OCTOBER 12, 2015  
 SCALE: AS NOTED  
 SHEET NO:



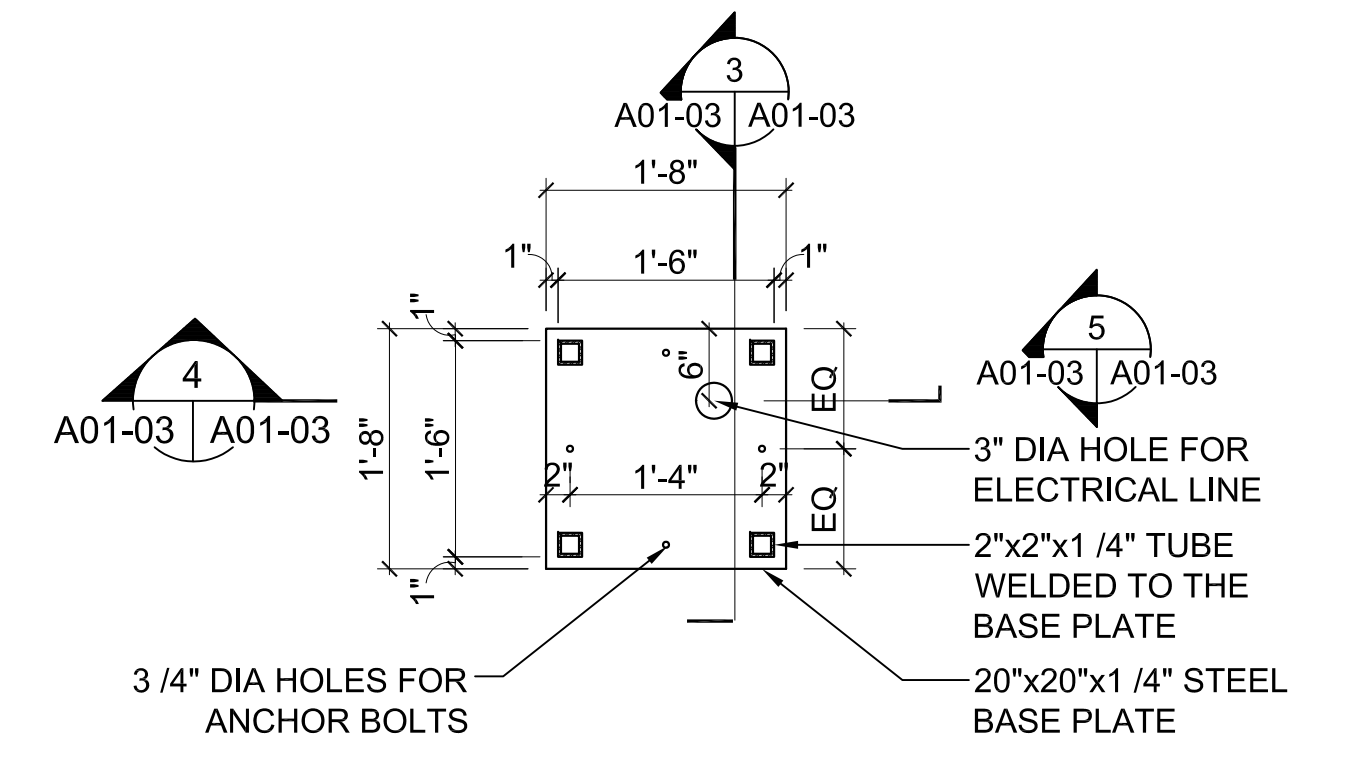
**VERTICAL ENCLOSURE SECTION**  
 SCALE: 3/8"=1'-0"

A01-03 A01-03



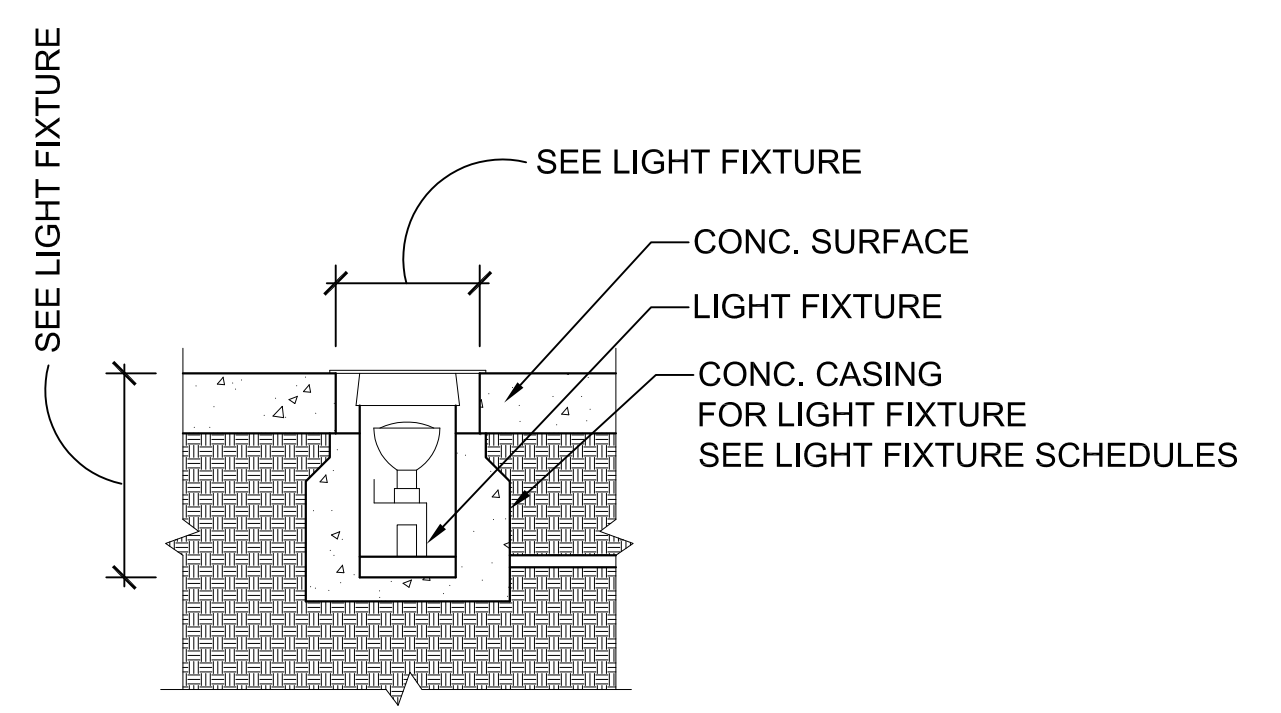
**VERTICAL ENCLOSURE TOP PLAN - TYPE I**  
 SCALE: 3/4"=1'-0"

A01-03 A01-03



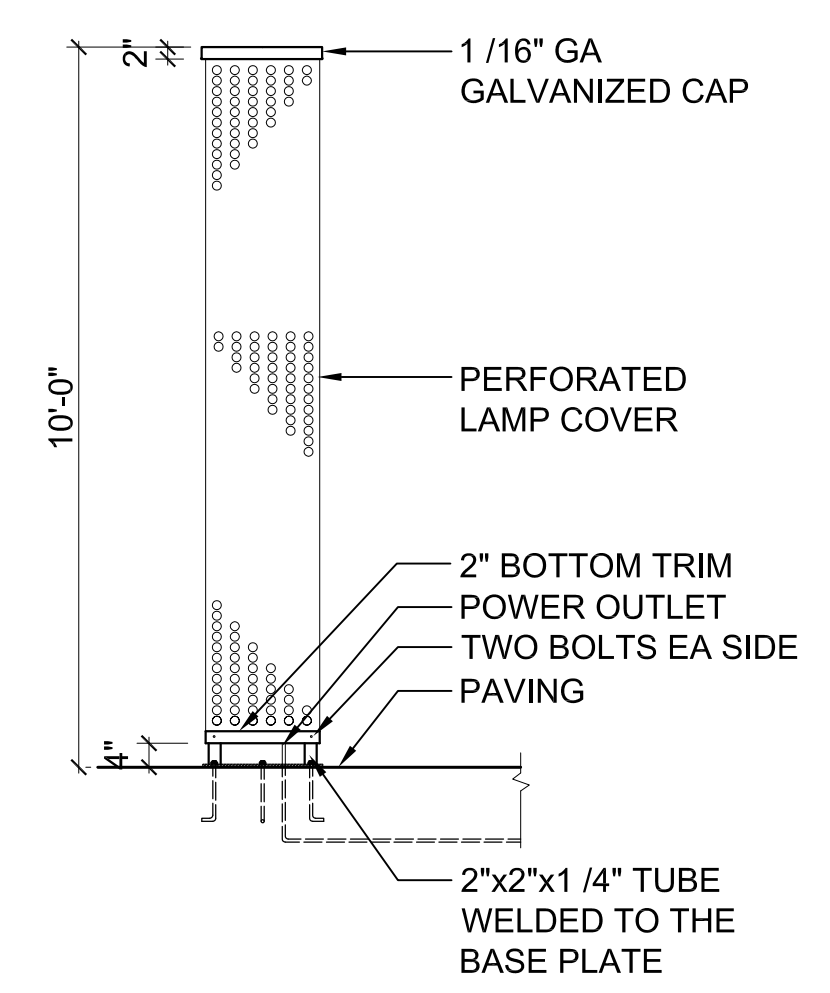
**VERTICAL ENCLOSURE BOTTOM PLAN - TYPE I**  
 SCALE: 3/4"=1'-0"

A01-01 A01-03



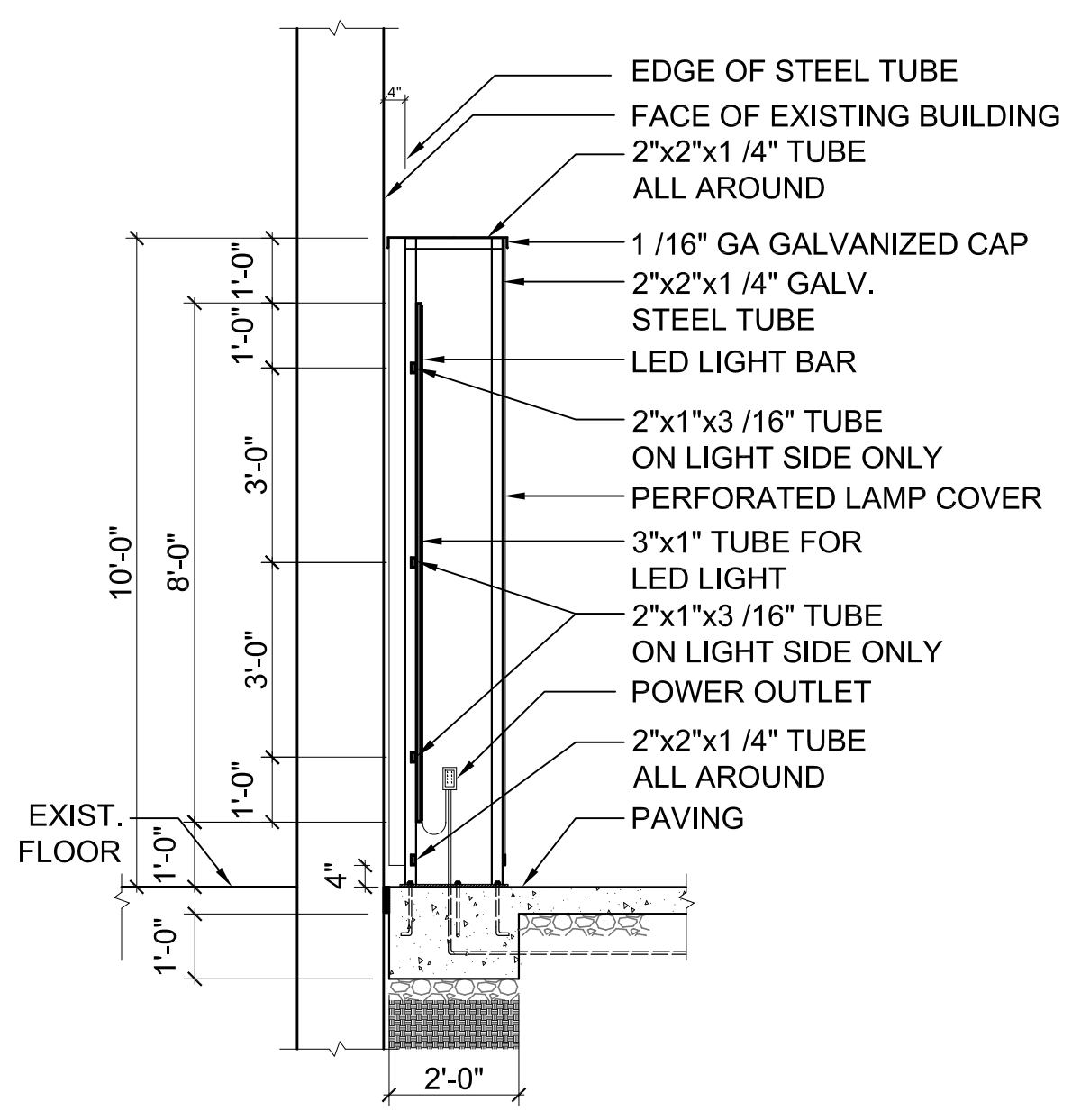
**UPLIGHT DETAIL**  
 SCALE: 3/4"=1'-0"

A01-01 A01-03



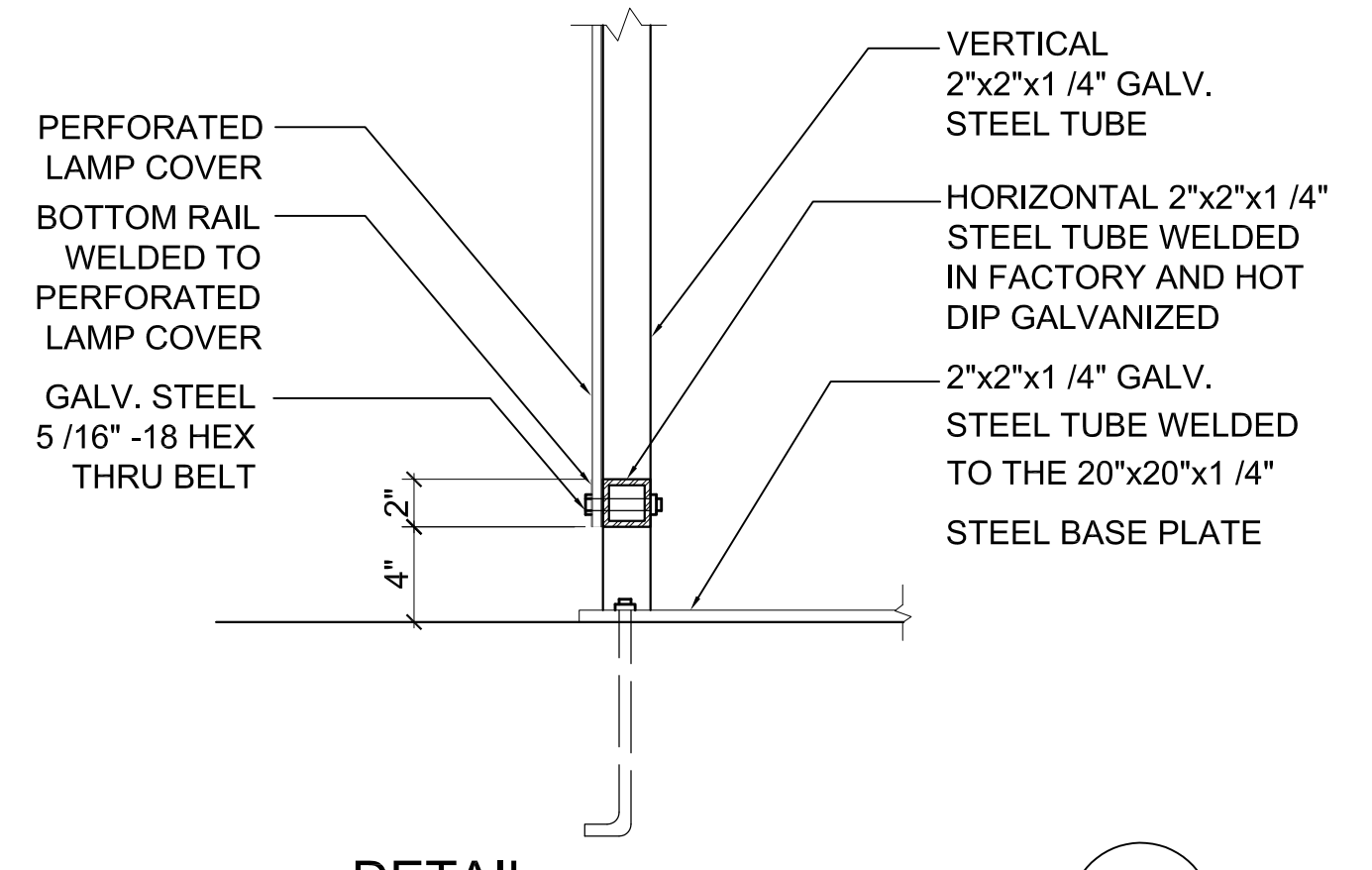
**VERTICAL ENCLOSURE ELEVATION**  
 SCALE: 3/8"=1'-0"

A01-03 A01-03



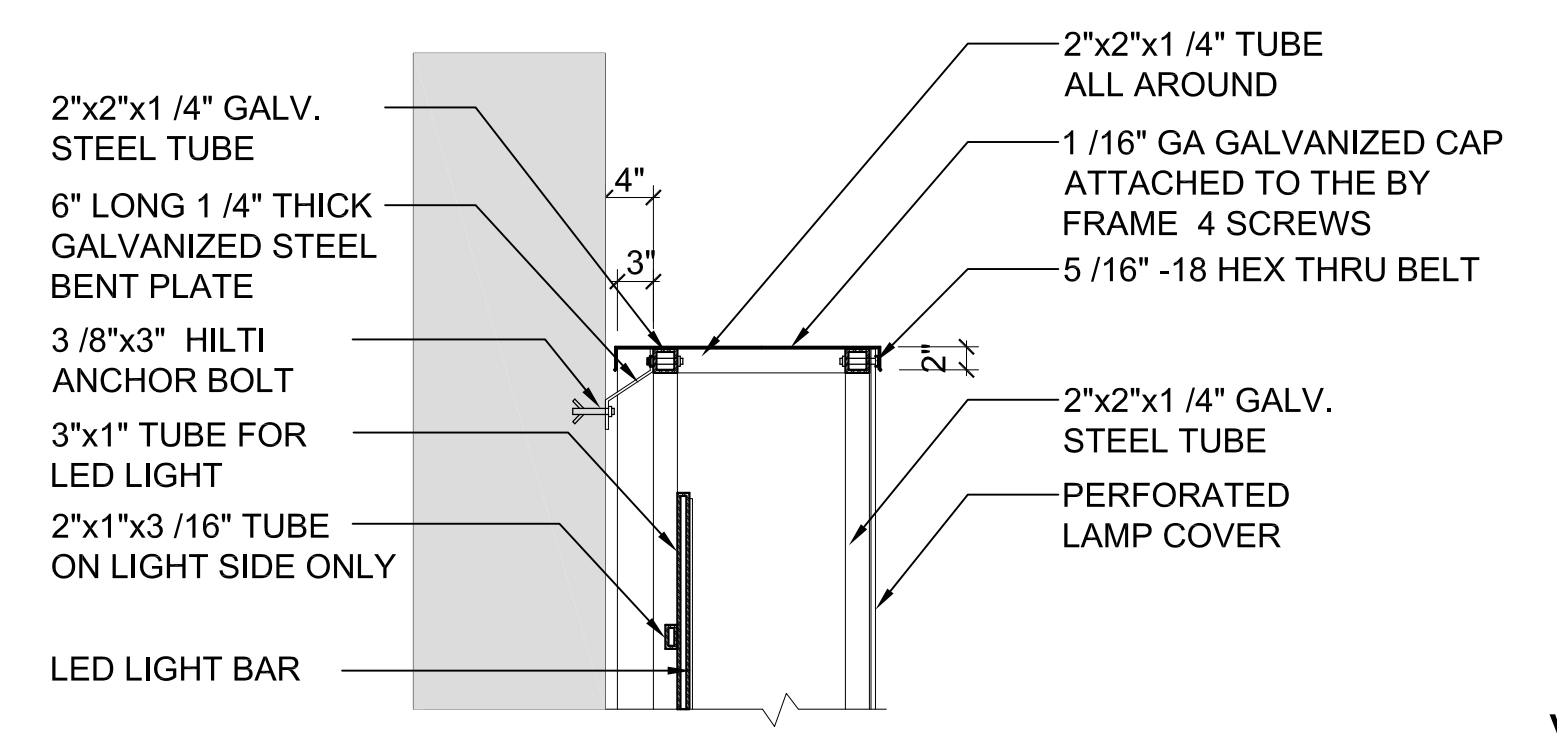
**VERTICAL ENCLOSURE SECTION**  
 SCALE: 3/8"=1'-0"

A01-03 A01-03



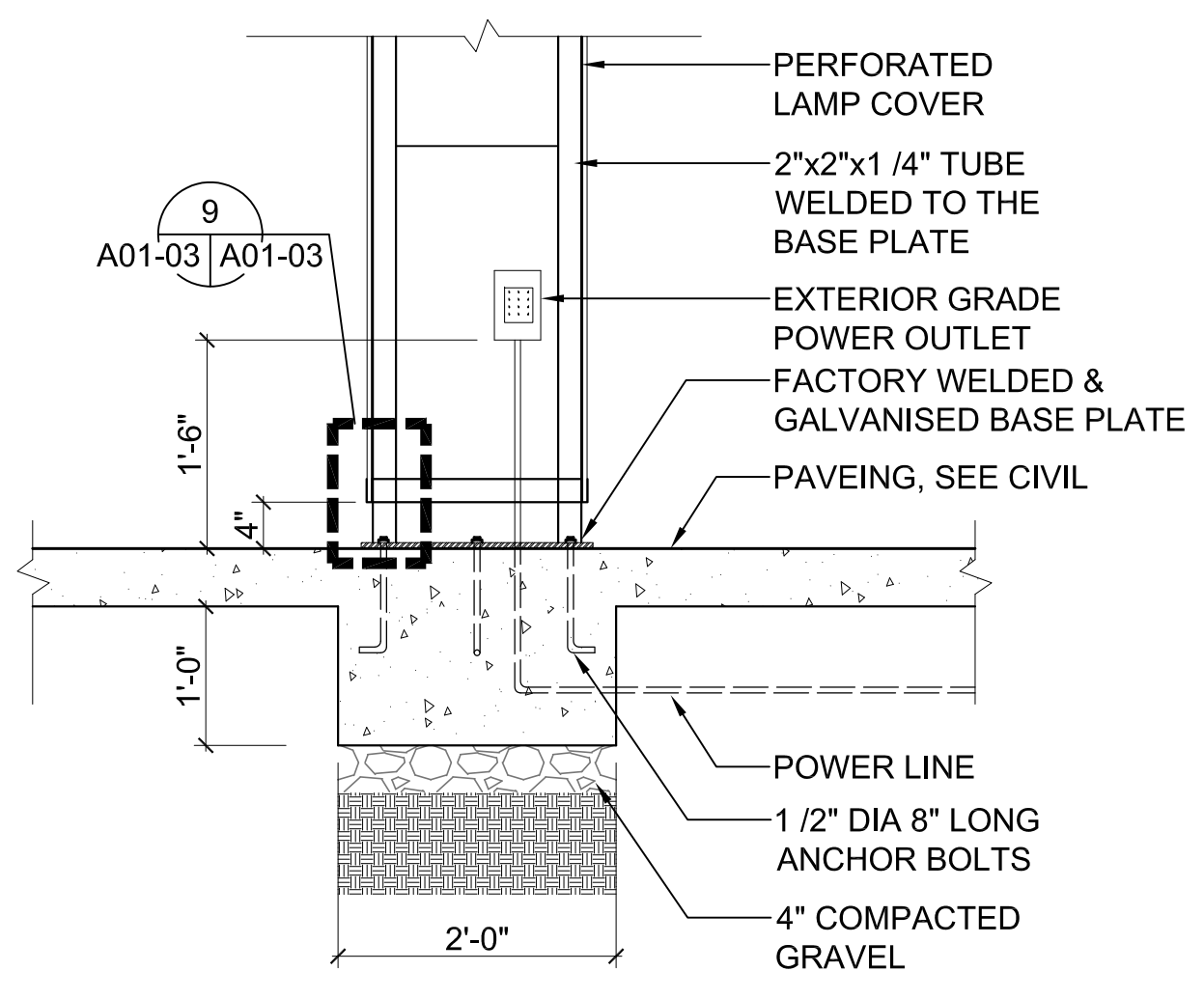
**DETAIL**  
 SCALE: 1 1/2"=1'-0"

A01-03 A01-03



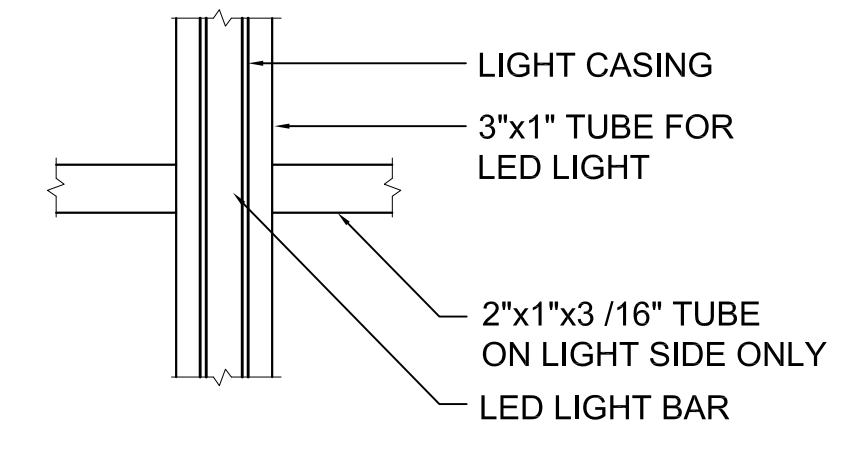
**DETAIL**  
 SCALE: 3/4"=1'-0"

A01-03 A01-03



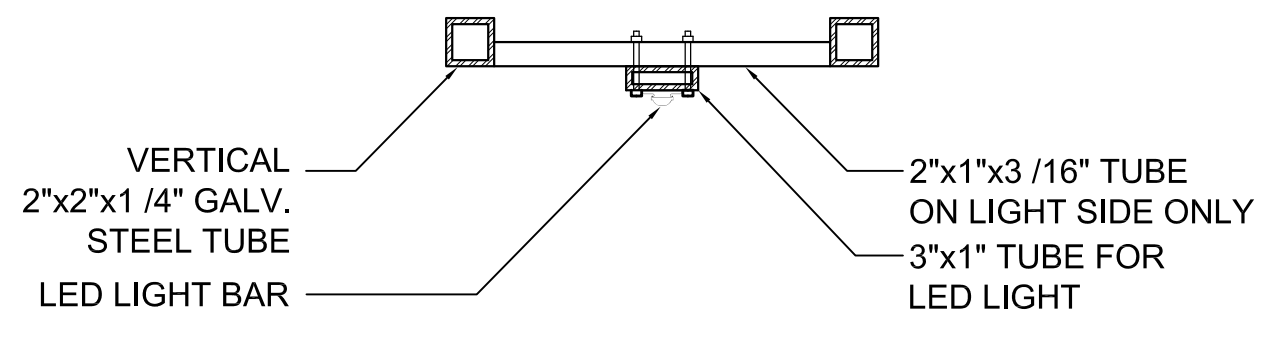
**DETAIL**  
 SCALE: 3/4"=1'-0"

A01-03 A01-03



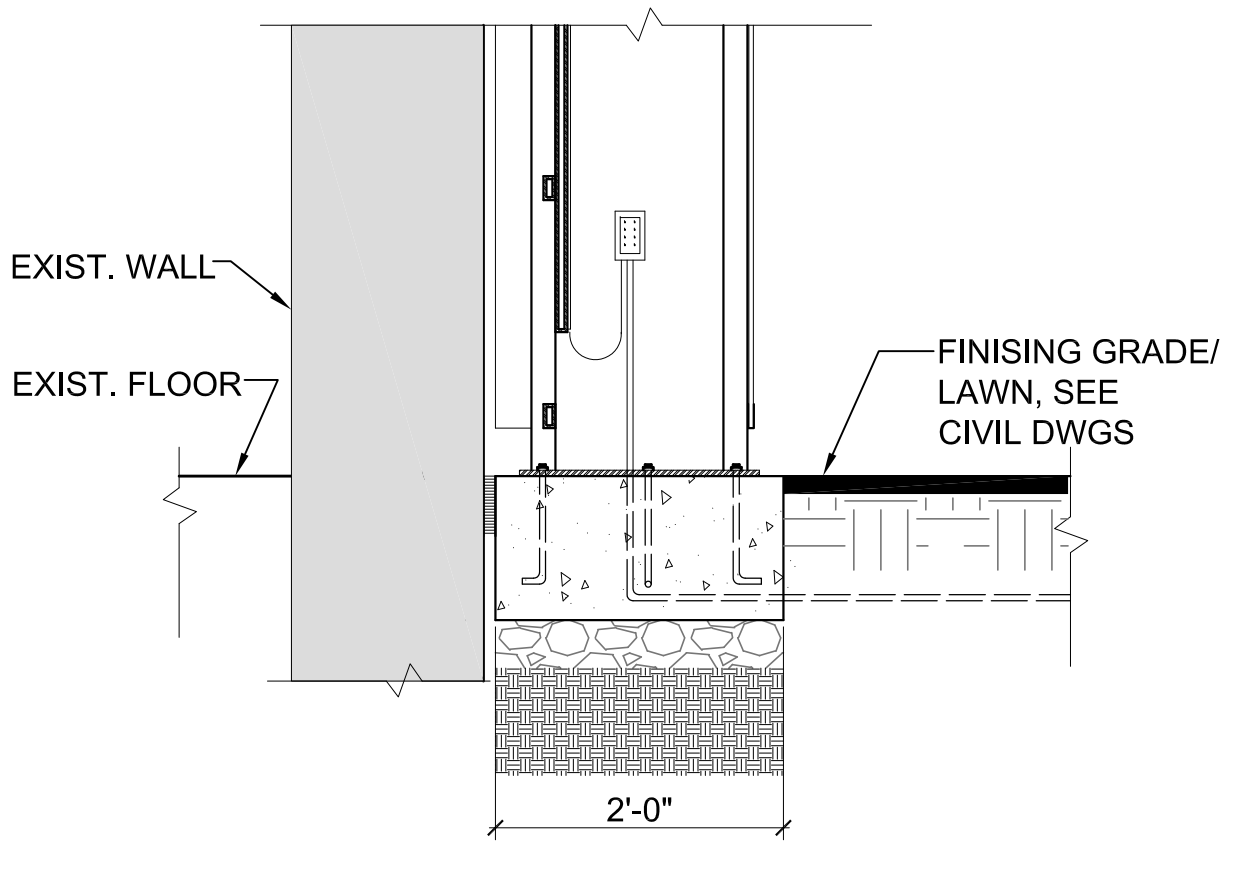
**DETAIL**  
 SCALE: 1 1/2"=1'-0"

A01-03 A01-03



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

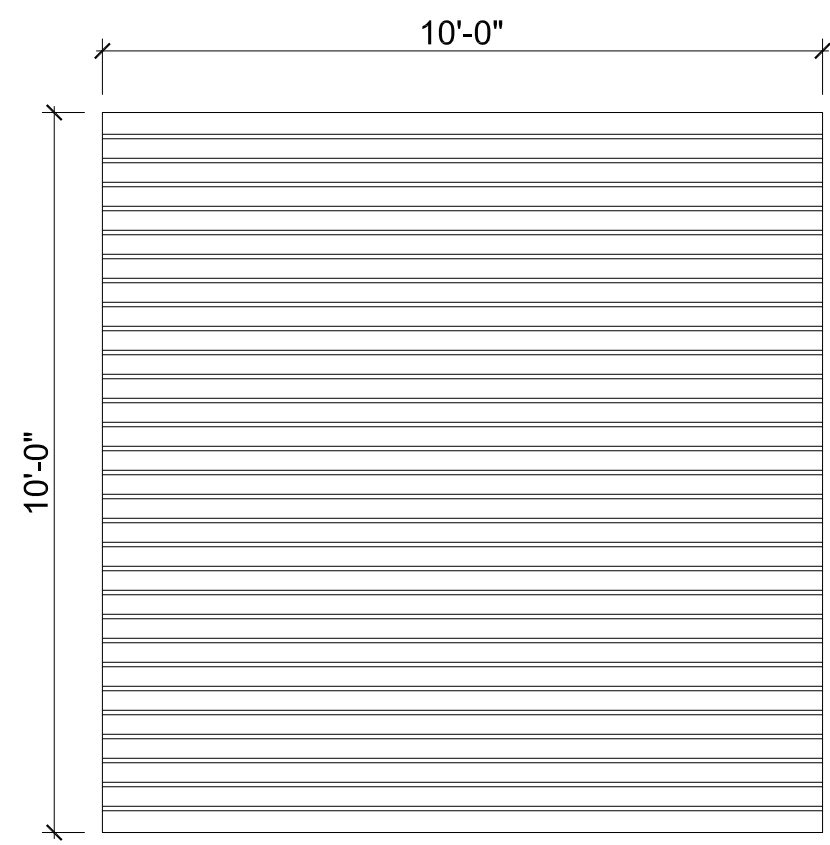
A01-03 A01-03



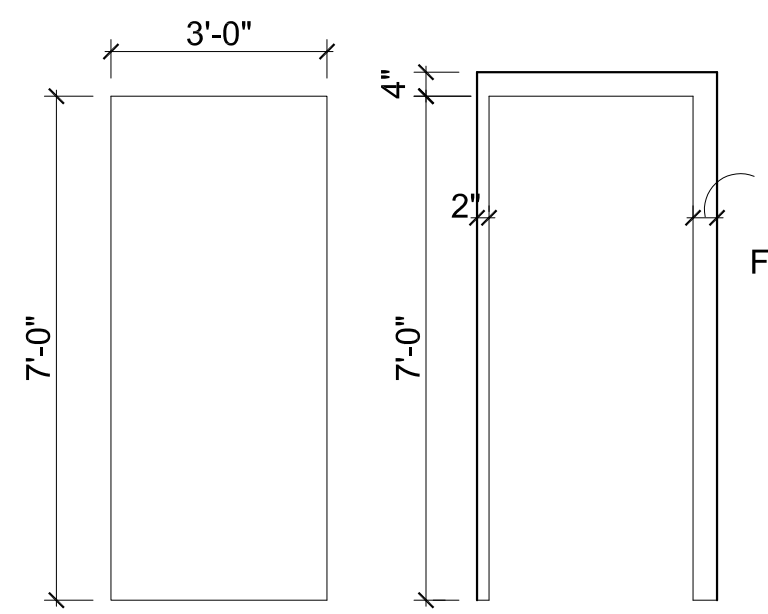
**DETAIL AT LAWN SIDE**  
 SCALE: 3/4"=1'-0"

A01-01 A01-03





A  
ROLL-UP GRILLE

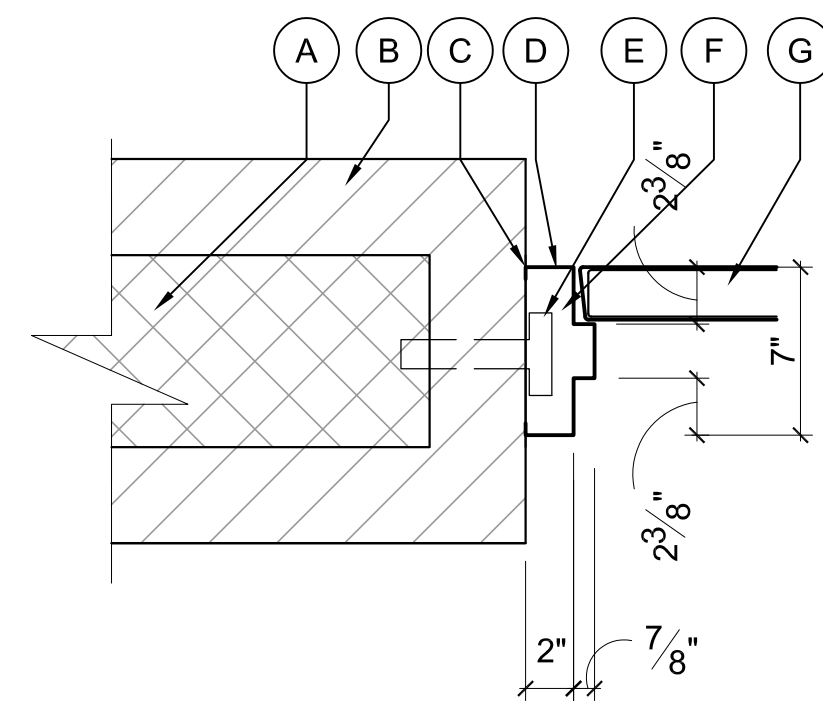
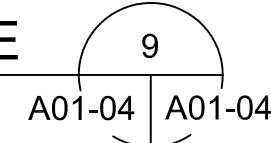


B  
SOLID DOOR

F-1  
FRAME

DOOR AND DOOR FRAME

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



JAMB DETAIL

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

LEGEND

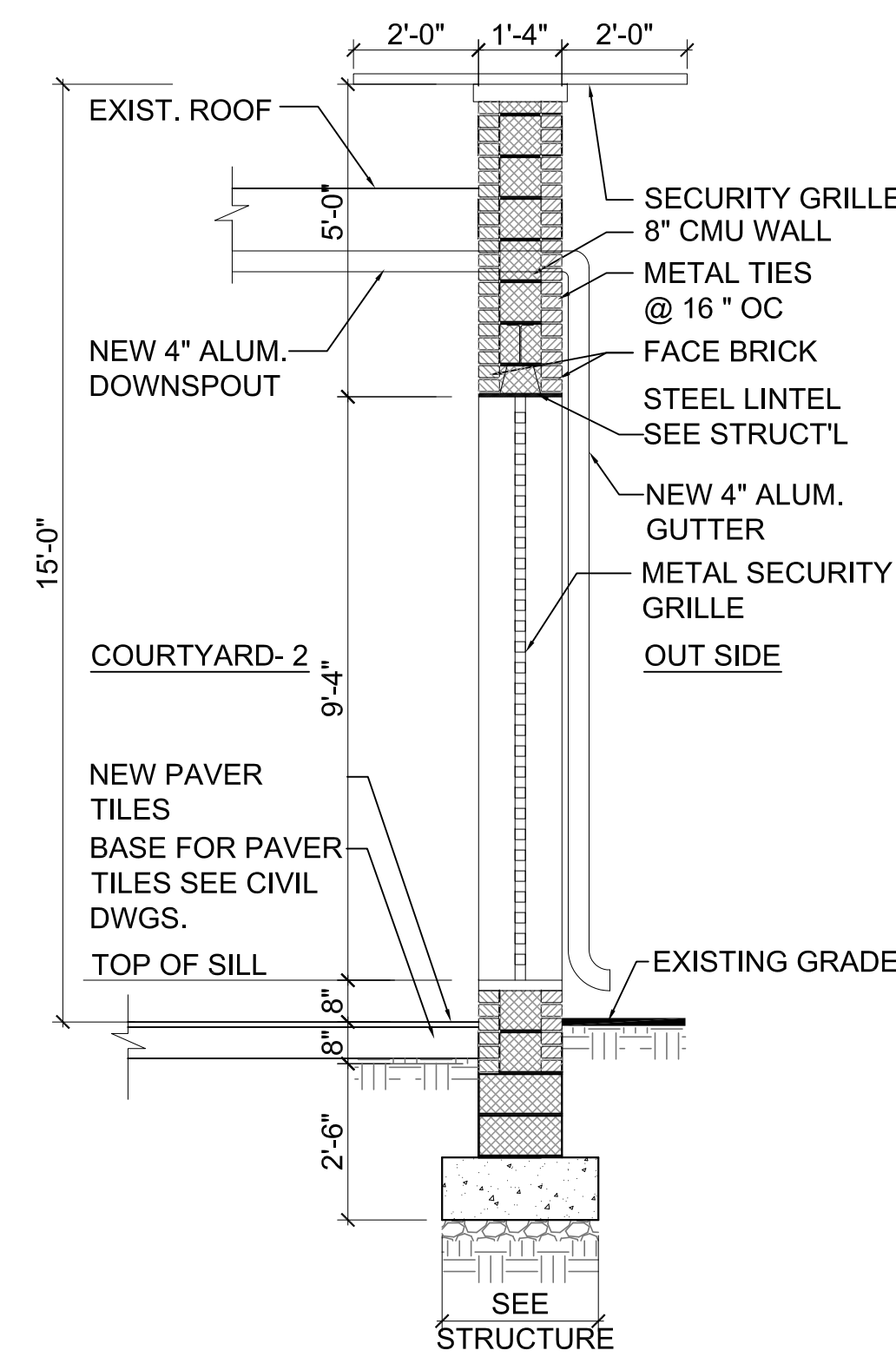
- (A) NEW 8" CMU WALL
- (B) NEW BRICK WORK
- (C) SEALANT (BOTH SIDES)
- (D) STEEL FRAME
- (E) METAL ANCHOR
- (F) GROUT SOLID
- (G) NEW BLAST-RESISTANT STRUCTURAL CORE DOOR

DOOR SCHEDULE

DOOR NO.	DOOR TYPE	DOOR SIZE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	HARDWARE SET	JAMB TYPE	KEYING	REMARKS
D-0				EXISTING					
D-1	A	10'-0"x10'-0"	ALUM.	ROLL-UP	ALUM.	NOTE #1		NOTE #1	SEE NOTE #1
D-2	B	3'-0"x7'-2 3/16"	STLEEL	F-1	STEEL	NOTE #2	J-1	NOTE #2	SEE NOTE #2

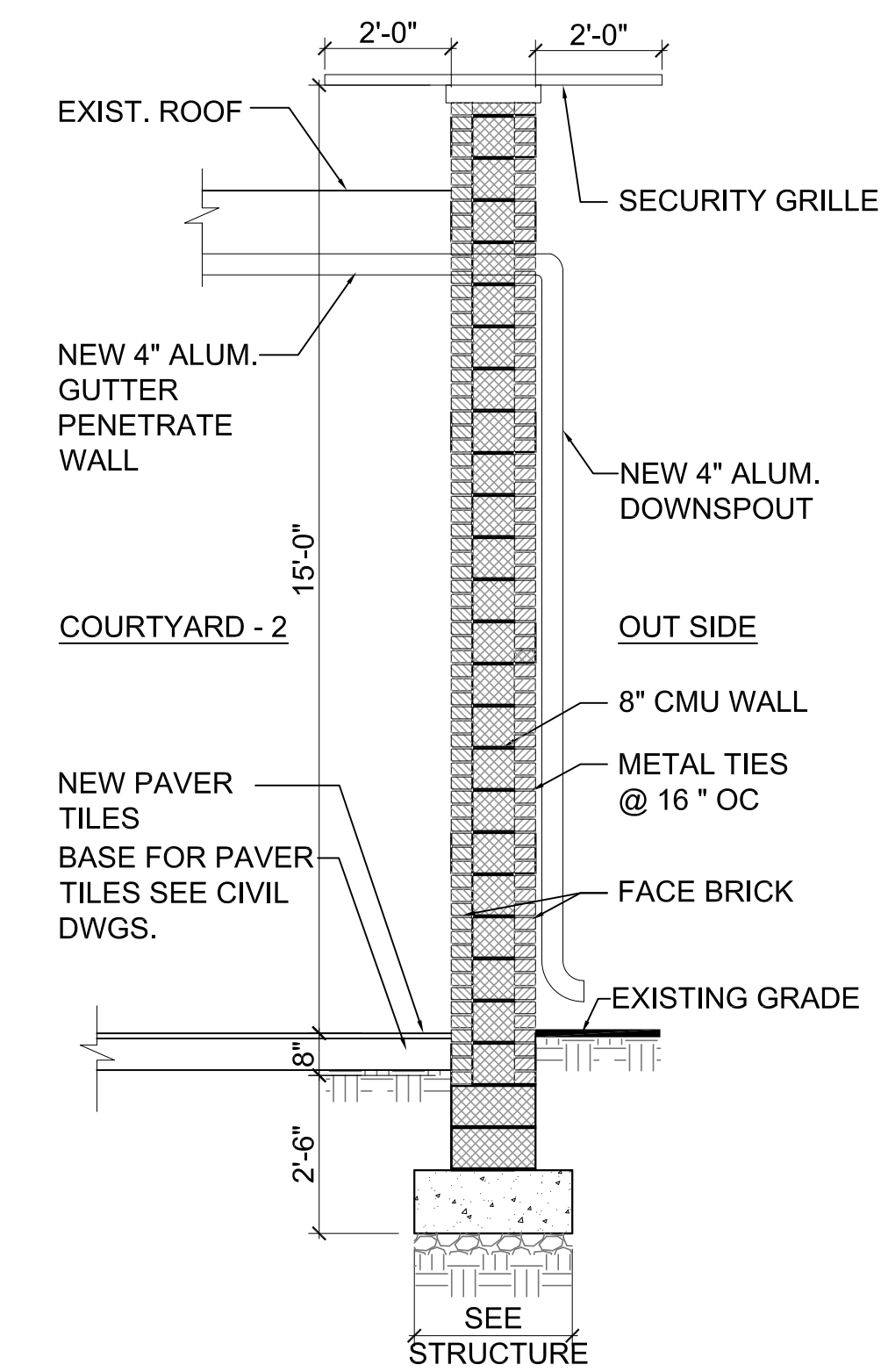
NOTE #1: CONTRACTOR IS REQUIRED TO REVIEW WITH THE DETENTION FACILITY PROJECT MANAGER THE SECURITY ALARM, KEYING, LOCKING SYSTEM AND LOCATION OF CONTROLS FOR THE MOTORIZED GRILLE OPERATION.

NOTE #2: CONTRACTOR IS REQUIRED TO REVIEW WITH THE DETENTION FACILITY PROJECT MANAGER THE EXISTING SECURITY DOOR (D-0) ALARM AND KEYING SYSTEM, REQUIREMENTS FOR THE NEW DOOR (D-2), CONNECTION REQUIREMENTS INTO THE EXISTING SECURITY SYSTEM AND LOCATION OF CONTROLS.



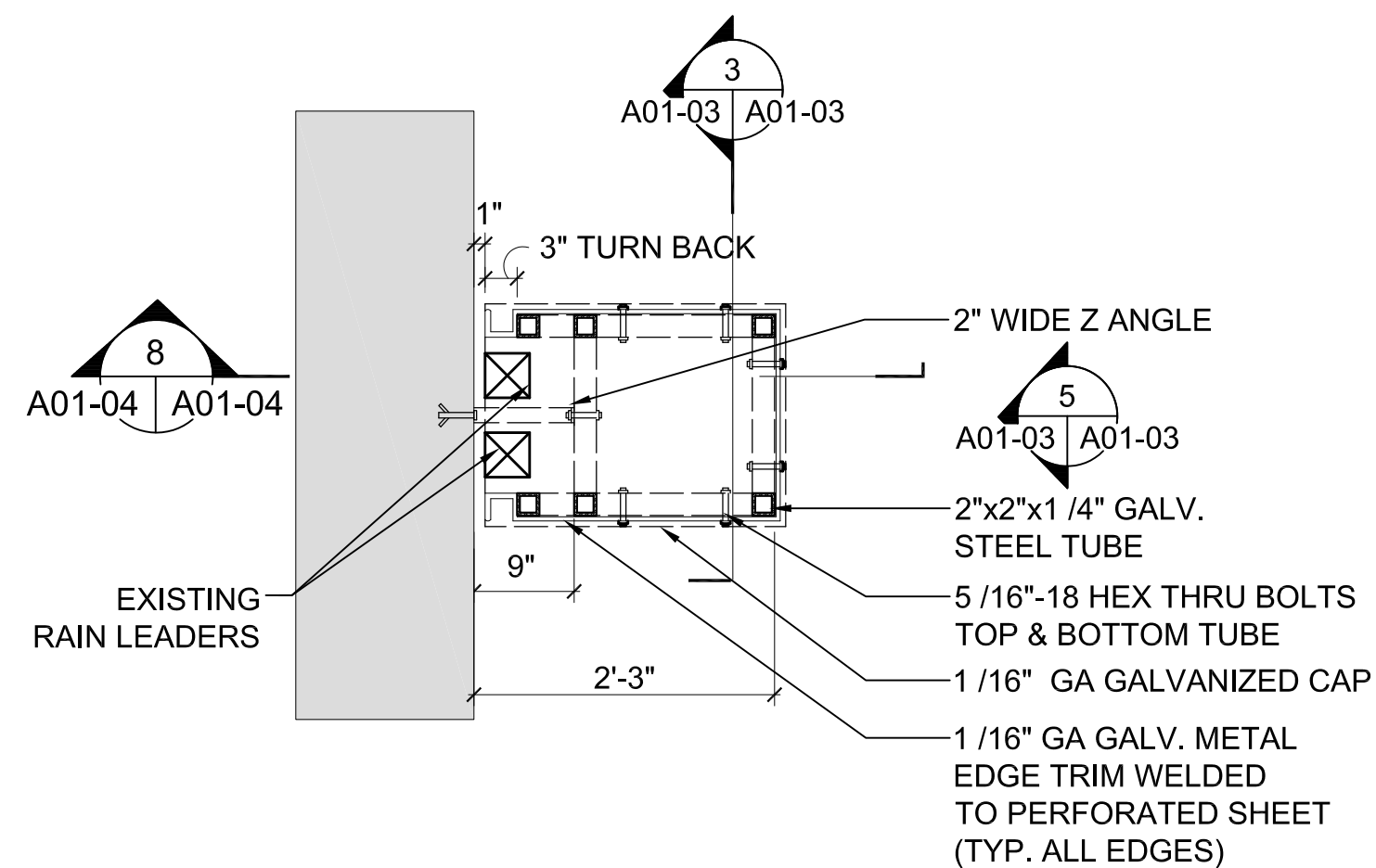
SECTION

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



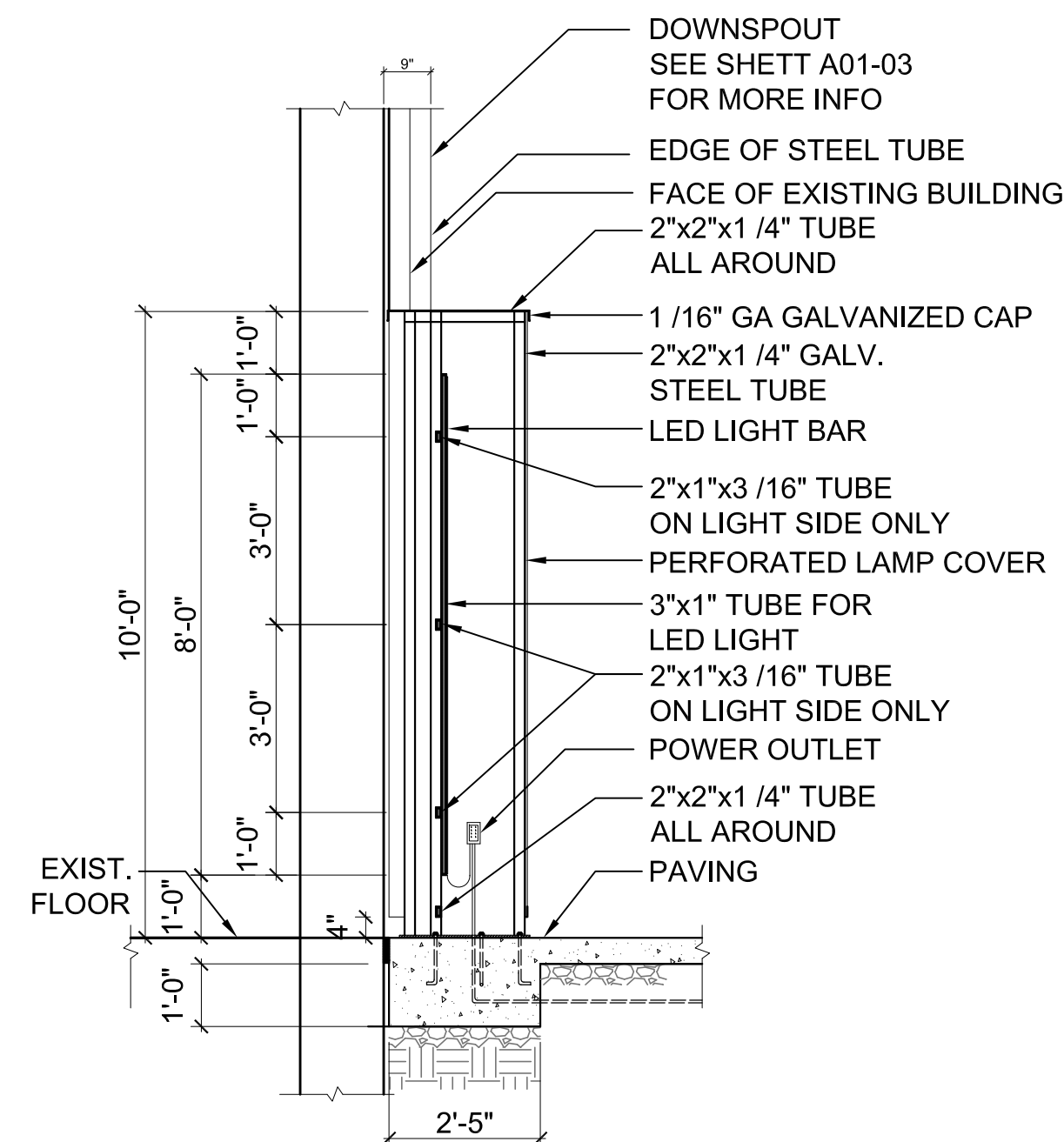
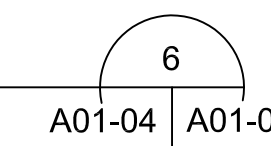
SECTION

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



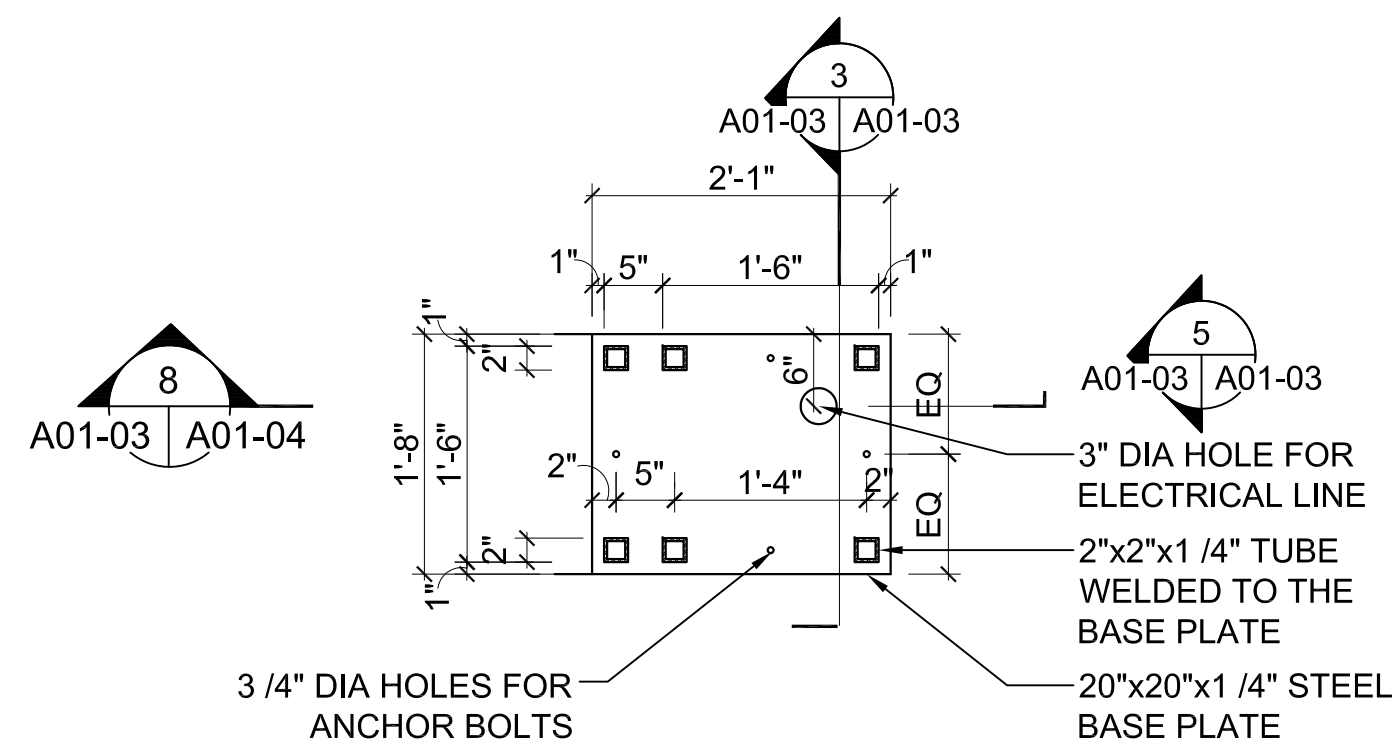
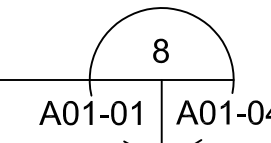
VERTICAL ENCLOSURE TOP PLAN - TYPE II

SCALE: 3/4"=1'-0"



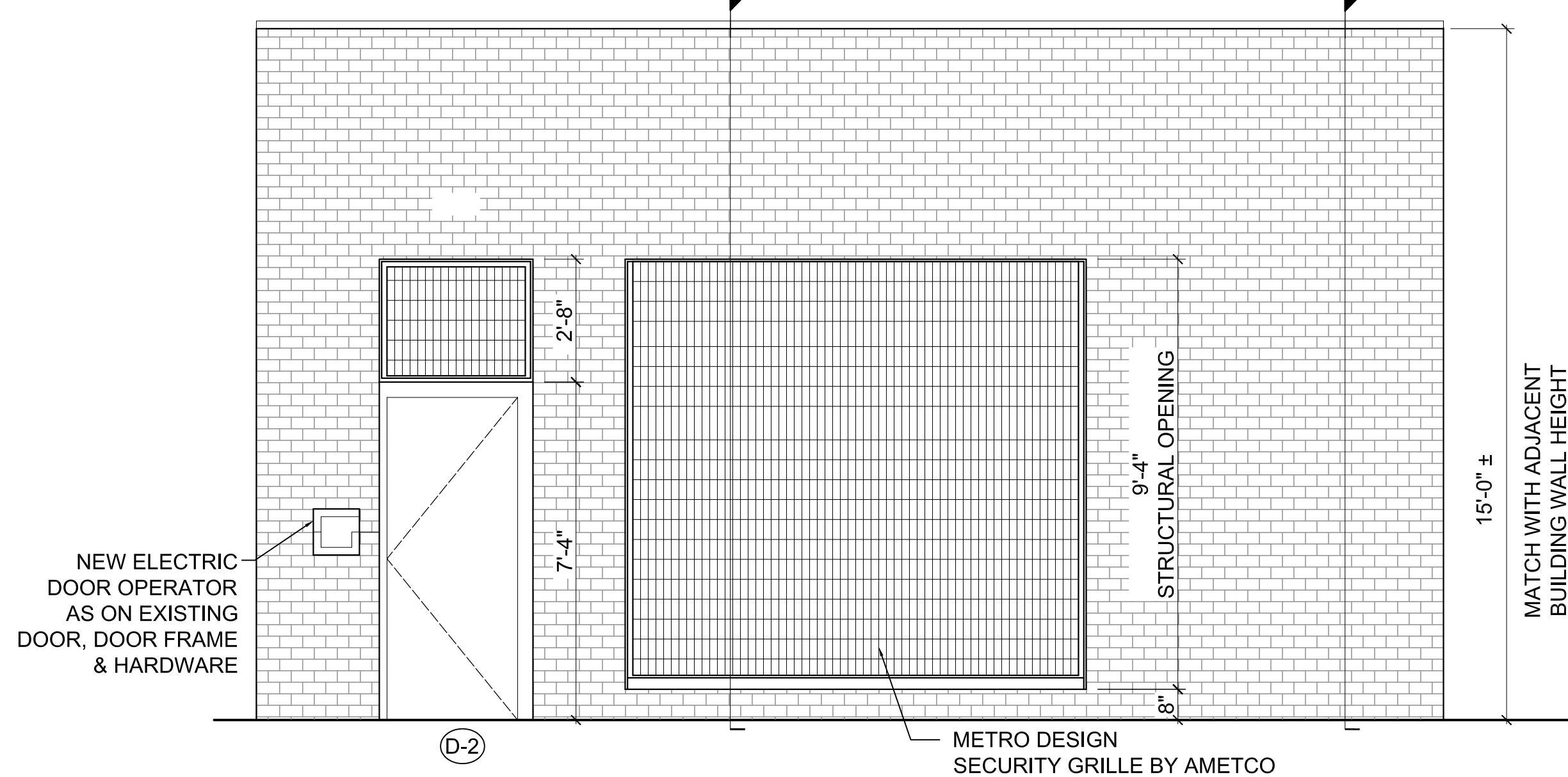
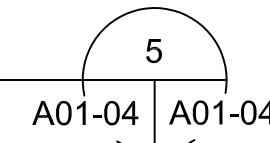
SECTION

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



VERTICAL ENCLOSURE BOTTOM PLAN - TYPE II

SCALE: 3/4"=1'-0"

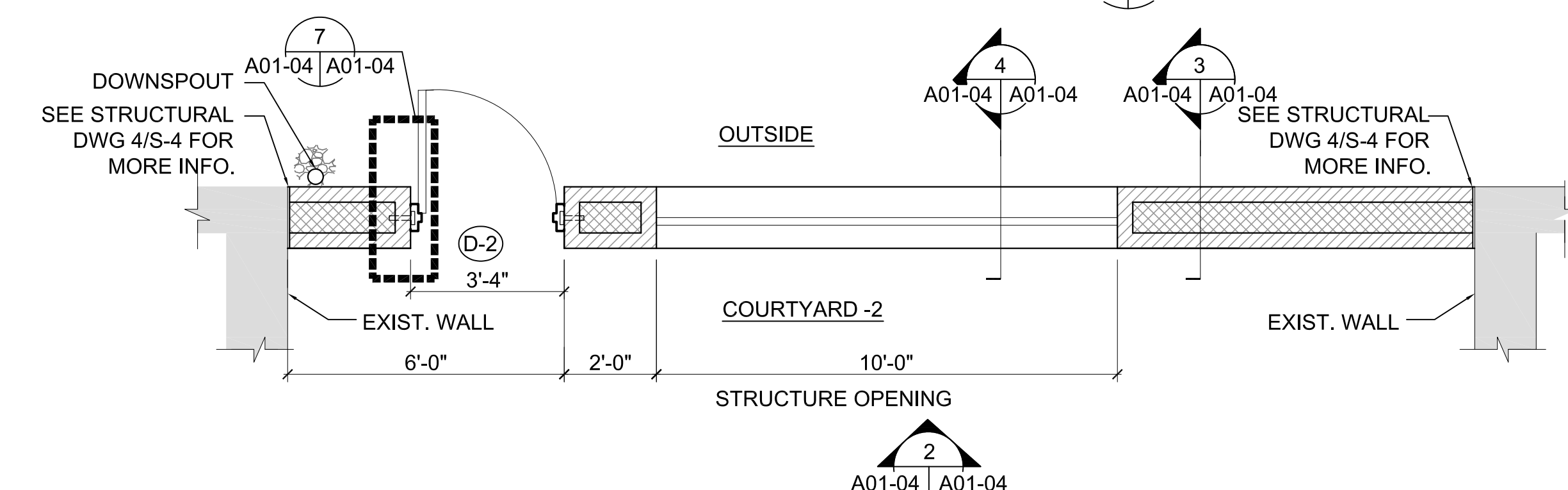


ELEVATION

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

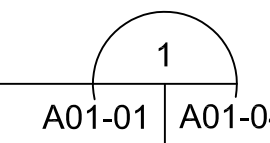
ELEVATION

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



PLAN

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



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SUBMISSION SCHEDULE	DATE
NO DESCRIPTION	
REVISION SCHEDULE	DATE
NO DESCRIPTION	

PROJECT:  
**YOUTH SERVICES CENTER COURTYARD RENOVATION**

1000 MOUNT OLIVET ROAD, NE  
 WASHINGTON, DC 20002

SHEET TITLE:  
**WALL PLAN, ELEVATION, SECTIONS & DETAILS**

PROJECT NO: 1310  
 OCTOBER 12, 2015

SCALE: AS NOTED

SHEET NO: