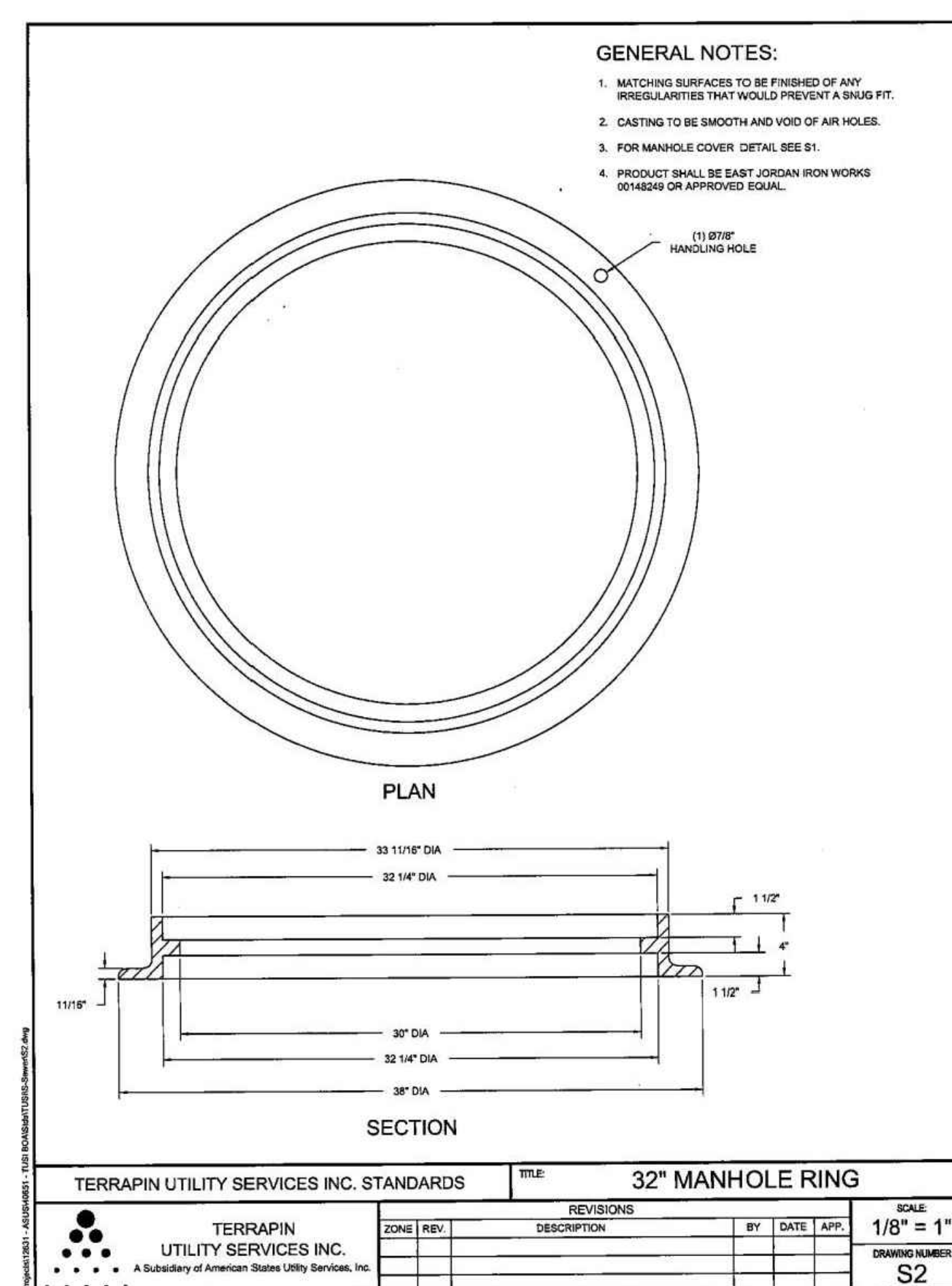
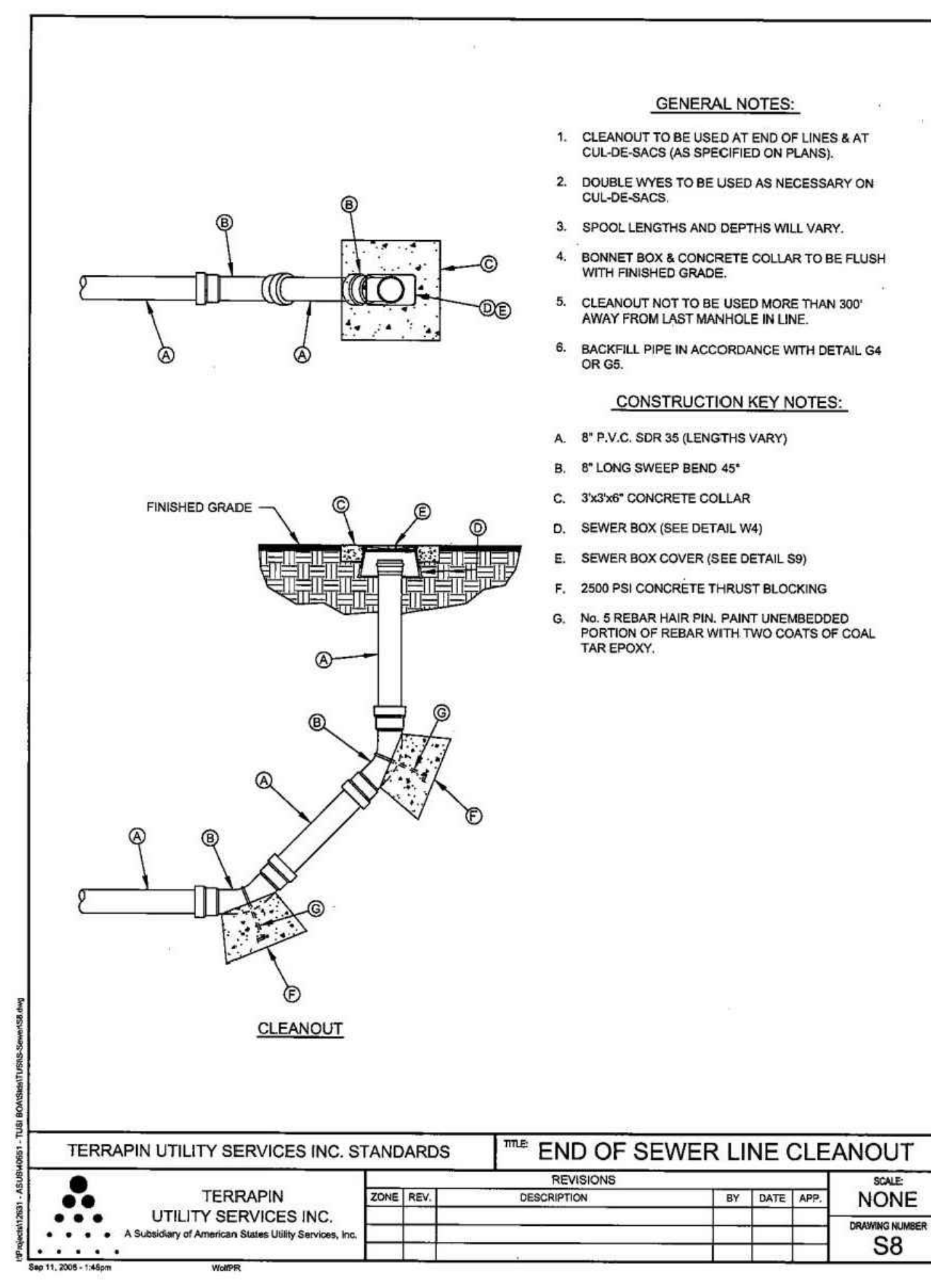


- NOTES:
1. CURB AND GUTTER TO BE CONSTRUCTED IN 10 FOOT LENGTHS.
 2. 1/2" EXPANSION JOINTS SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 50 FEET, AT THE ENDS AND MID-POINT OF RETURNS, AND AT ANY POINT WHERE THE NEW CURB AND GUTTER ABUTS OTHER CONCRETE STRUCTURES.
 3. 5' LONG TRANSITIONS SHALL BE PROVIDED BETWEEN NORMAL GUTTER AND PITCHED GUTTER, UNLESS OTHERWISE NOTED ON THE PAVING PLANS.

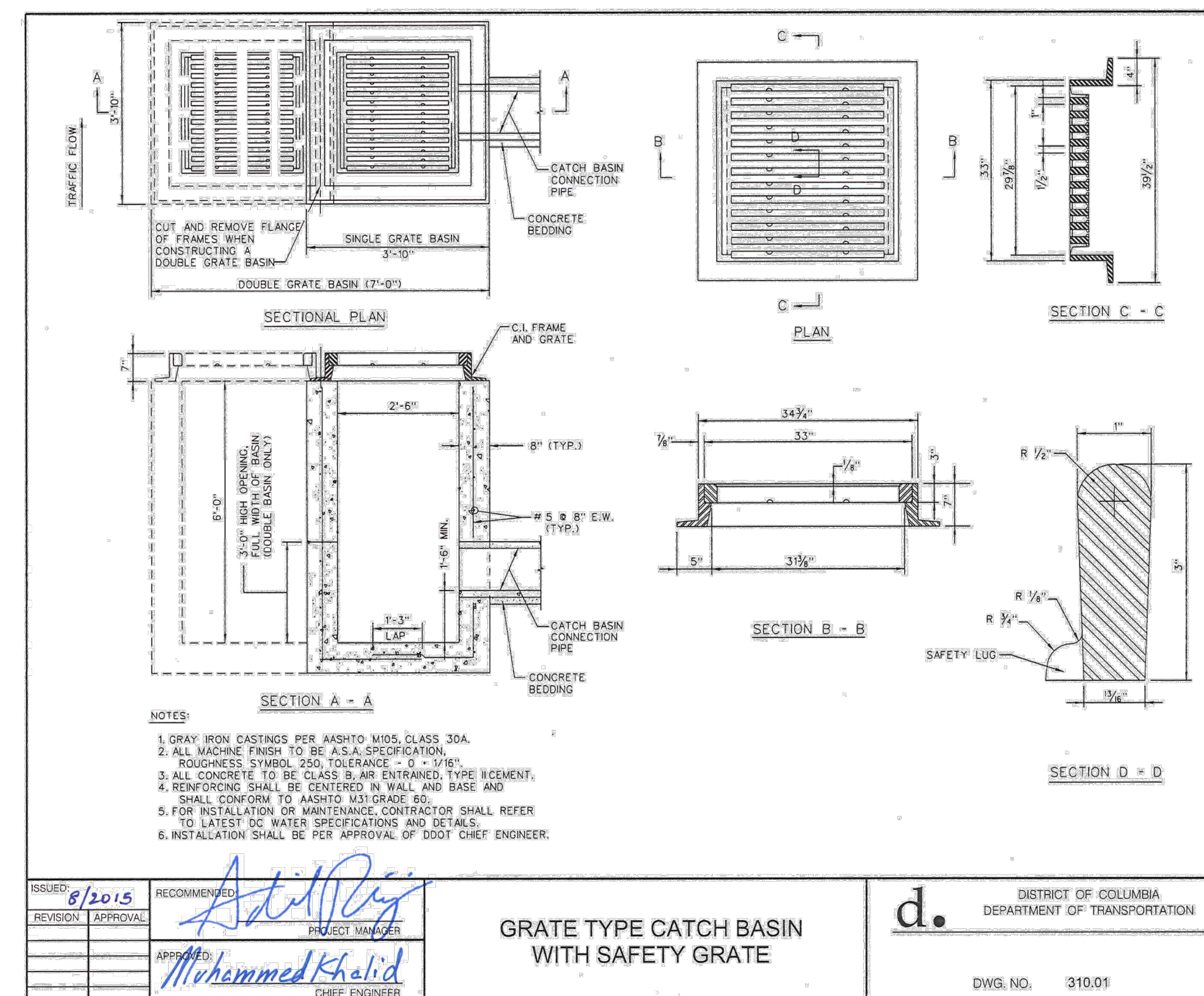




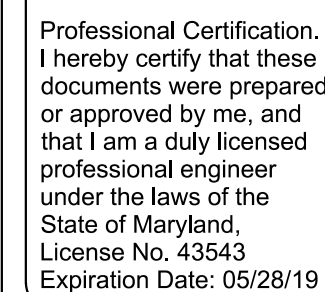
C3 MANHOLE RING
NO SCALE




A2 CLEANOUT
NO SCALE



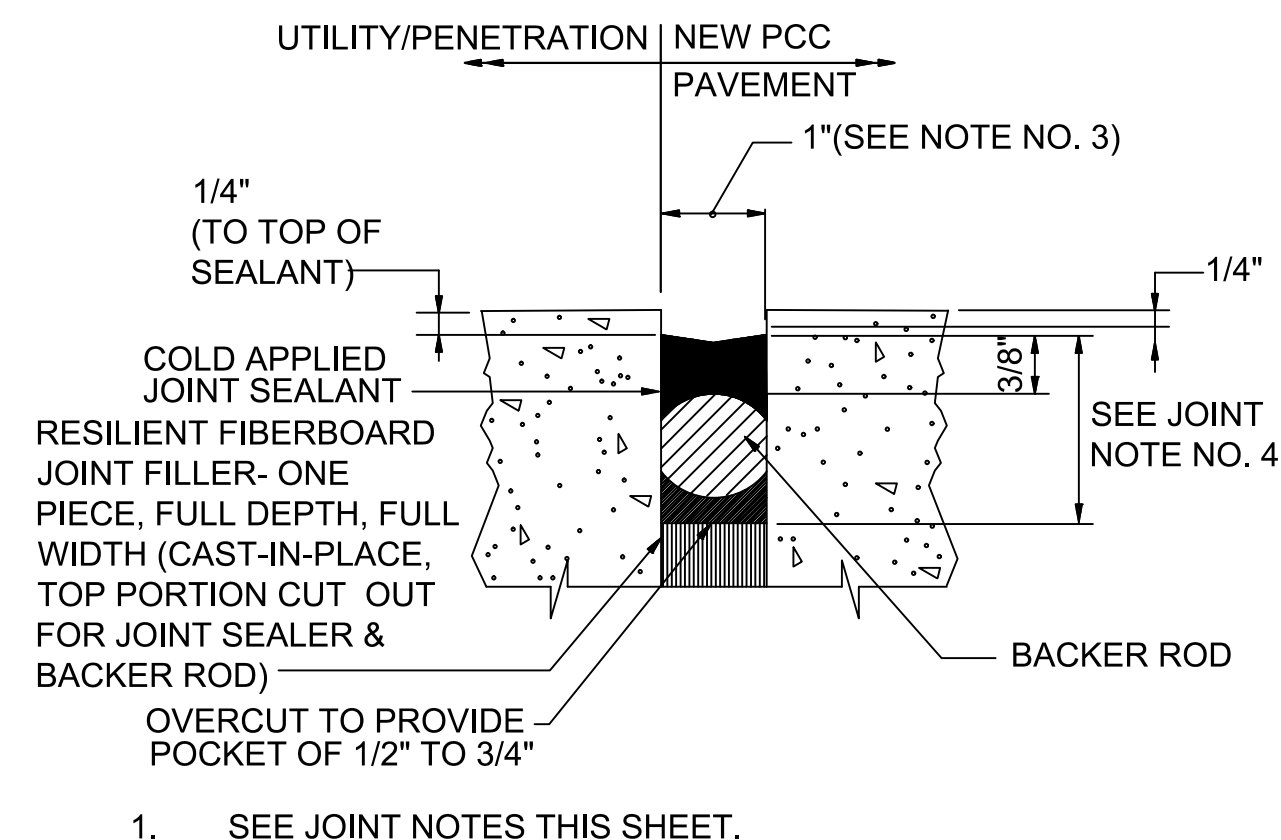
A4 CATCH BASIN
NO SCALE

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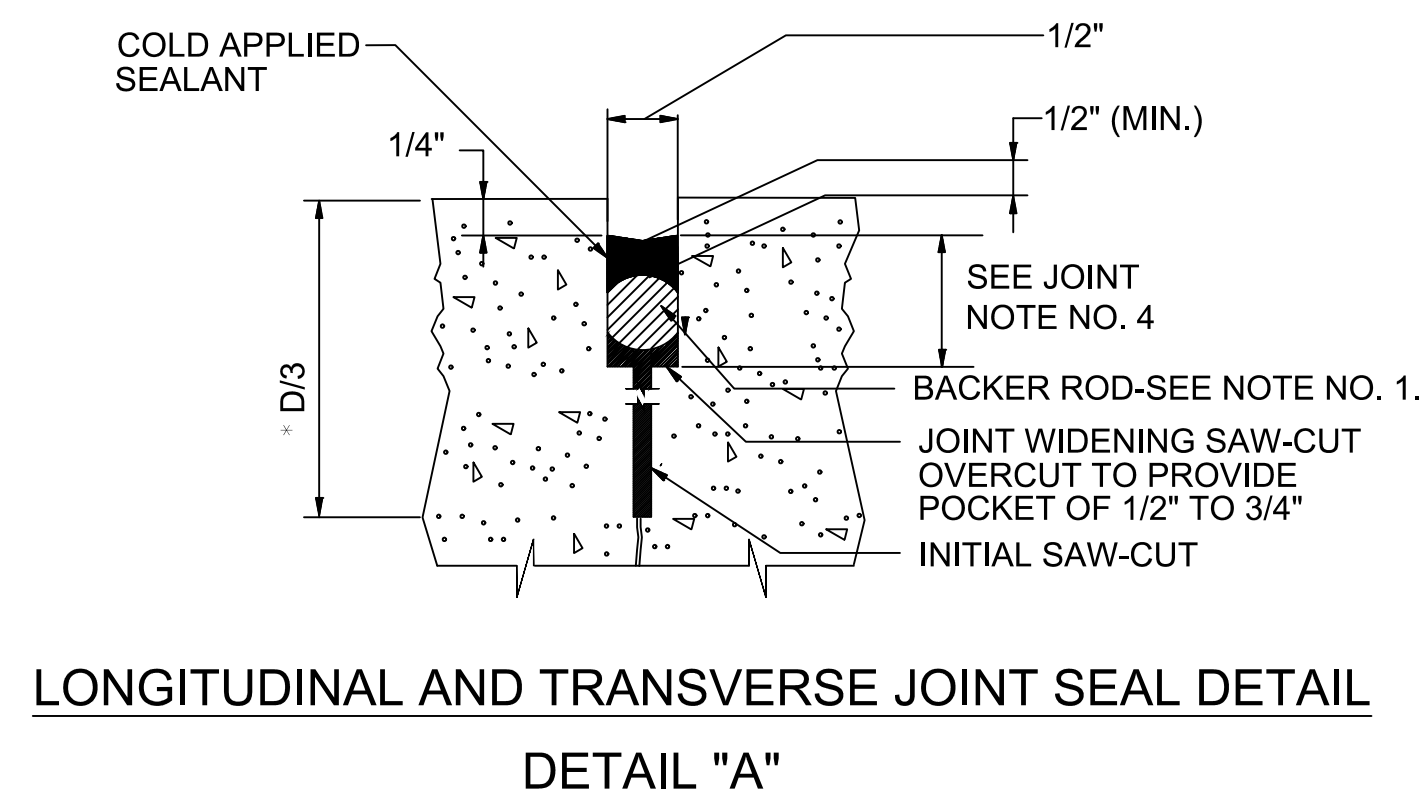
DISTRICT OF COLUMBIA NATIONAL GUARD	DESIGNED BY: TLN	ISSUE DATE: 6 OCTOBER 2017
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 600 Pennington Avenue, NE Atlanta, GA 30302 Tel (404) 336-7444 Fax (404) 336-7444	CHECKED BY: CDM	ANG NO.: 19V138-15-D-0001
	SUBMITTED BY: SBR	FILE NUMBER: FILE NUMBER:
	ISSUED	FILE NAME:

**MUNITIONS LOAD CREW
TRAINING FACILITY
113th Wing DCANG
Andrews Air Force Base, MD**

SHEET ID
C-504

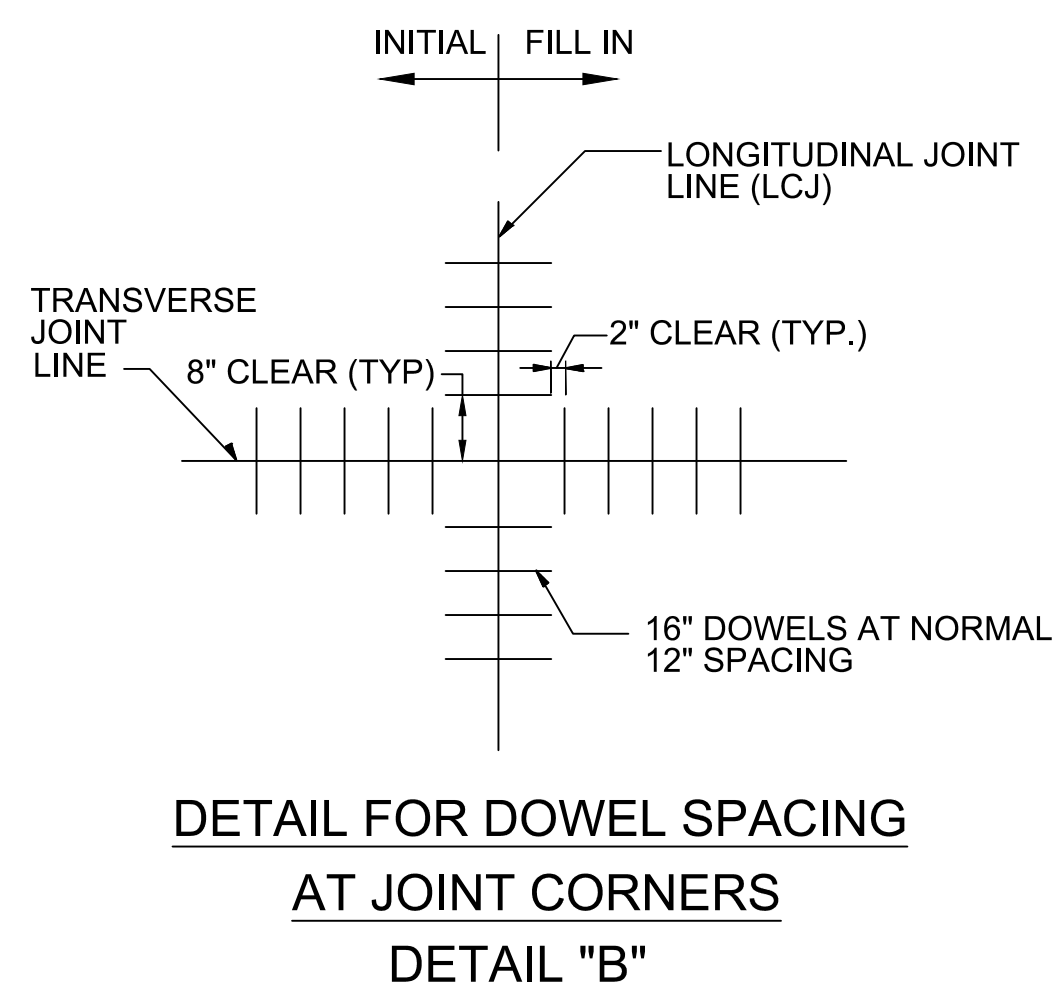


EXPANSION JOINT SEAL AT
PENETRATIONS AND UTILITIES
D3 SCALE: N.T.S.

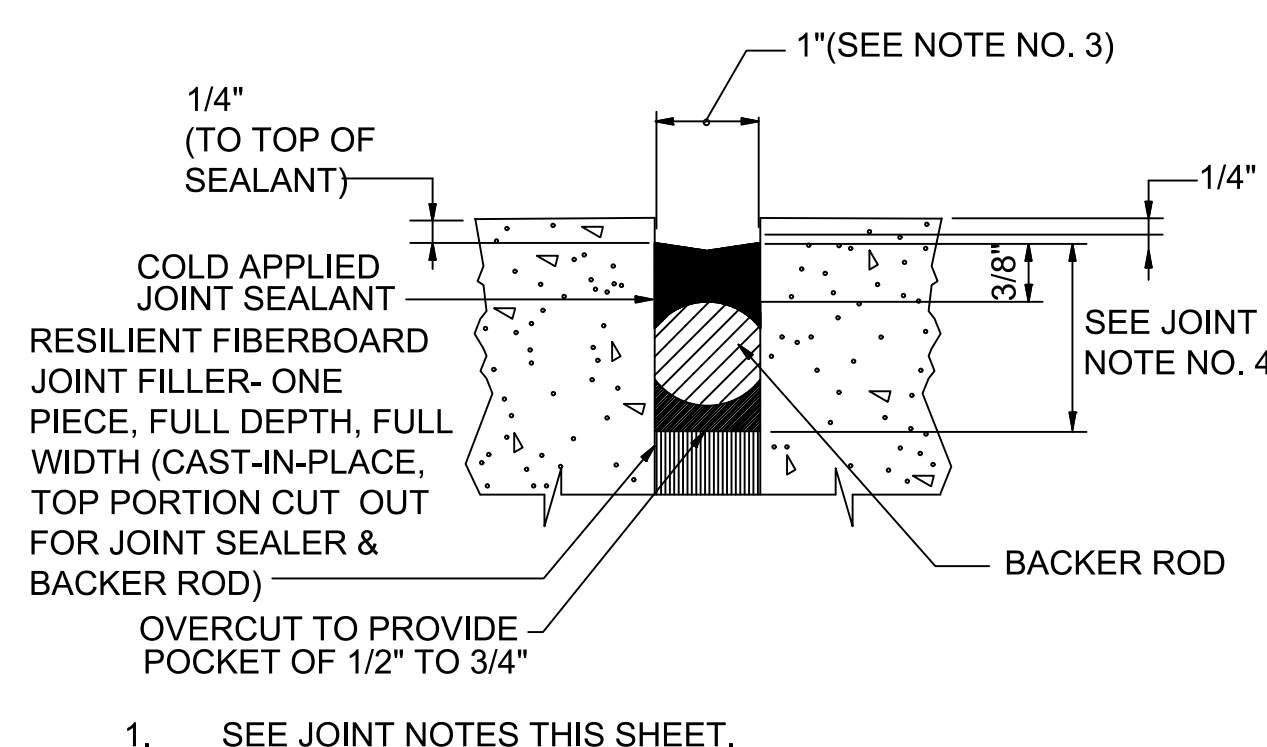


-
- EXPANSION JOINT SEAL
SEE DETAIL A1/C-501
- STRUCTURES, EXISTING CONCRETE, OR
EXISTING ASPHALT PAVEMENT.
- REINFORCEMENT WHERE
REQUIRED (SEE NOTE 5)
- 15'-0"
OR NEAREST JOINT LINE
- GRADED CRUSHED
AGGREGATE BASE
COURSE
- (E)— THICKENED EDGE EXPANSION JOINT
- N.T.S.

—(E)— THICKENED EDGE EXPANSION JOINT
N.T.S.



DETAIL FOR DOWEL SPACING
AT JOINT CORNERS
DETAIL "B"



- (A)— EXPANSION JOINT SEAL DETAIL

Diagram illustrating a corner lap splice for #5 reinforcement bars. The bars are shown overlapping at a 45-degree angle. The overlap length is 8 inches. The bars are labeled "#5'S 3' LONG". The area where the bars meet is labeled "STRUCTURE IN SLAB INTERIOR".

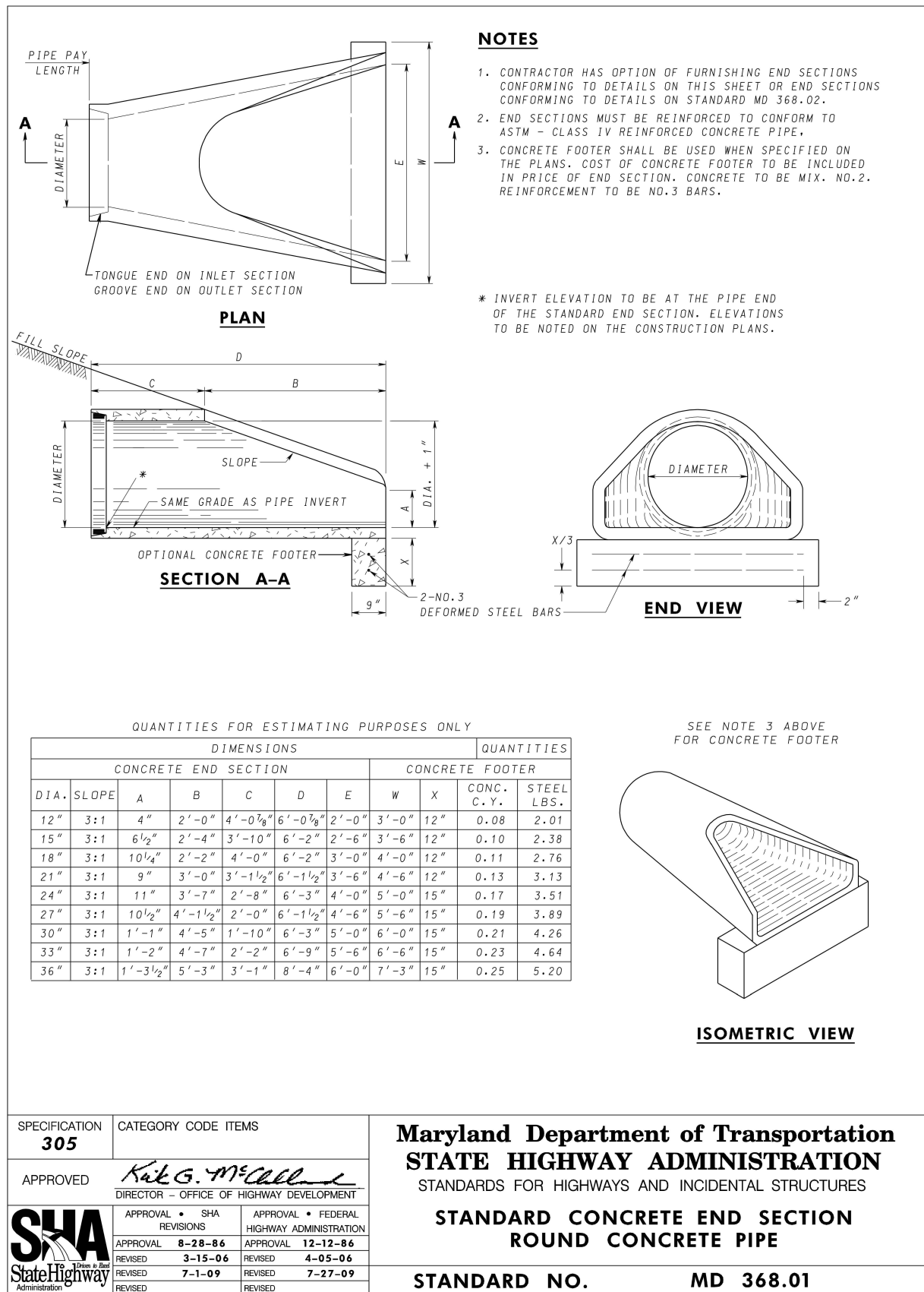
- NOTES:**
1. PROVIDE REINFORCING WHERE ANY STRUCTURE CORNER IS LOCATED IN PAVEMENT SLAB AND INTERIOR TO PAVEMENT JOINTS.
 2. SEE JOINT NOTES THIS SHEET.

CORNER REINFORCING

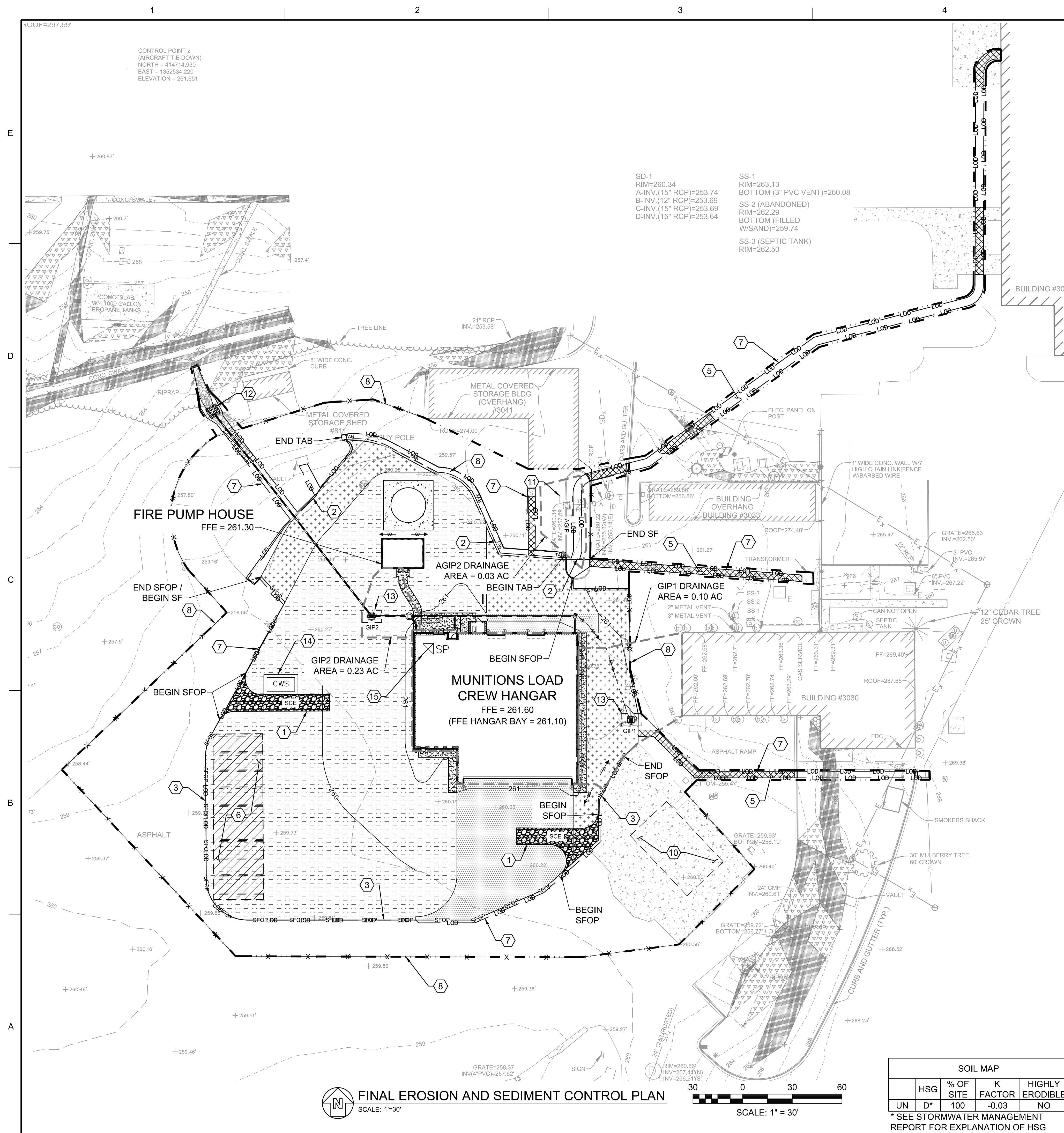
1. LONGITUDINAL AND TRANSVERSE JOINTS SHALL BE SAWED AS INDICATED.
2. FOR ALL JOINTS THE BACKER ROD MATERIAL SHALL BE COMPATIBLE WITH THE COLD POURED SEALANT AND SLIGHTLY OVERSIZED TO PREVENT MOVEMENT DURING THE JOINT SEALANT OPERATION.
3. THE WIDTH OF THE JOINTS SHALL BE CORRECTED FOR 68°F.
4. JOINT CONFIGURATION SHALL MEET JOINT SEAL MANUFACTURER'S SPECIFICATIONS (EXCEPT AS NOTED ON PLANS AND IN SPECIFICATIONS).
5. DOWELS AND TIE BARS FOR CONTRACTION JOINTS SHALL BE CAST IN PLACE
6. SEE TYPICAL SECTIONS FOR PAVEMENT THICKNESSES.
7. IF PAVING OPERATIONS ARE STOPPED FOR MORE THAN ONE-HALF HOUR, A CONSTRUCTION JOINT SHALL BE USED.
8. INSTALL SILICONE JOINT SEALANT IN POURED IN PLACE JOINTS. USE THE MANUFACTURER'S RECOMMENDED SHAPE FACTOR. TYPICALLY $T = 1/2 W$, WHERE T = THE THICKNESS OF THE MATERIAL, AND W = THE WIDTH OF THE JOINT.

NOTES FOR DOWEL AND TIE BAR HOLE

- A. A. DRILLING AND INSTALLATION METHOD SHALL BE CAPABLE OF MAINTAINING DRILL HOLES AND EMBEDDED BARS: (A) PARALLEL TO THE CONCRETE AND, (B) NORMAL TO THE JOINT LINE, WITHIN 1/4" AT THE END OF THE DOWEL OR TIE BAR EXCEPT WHERE SPECIFIED OTHERWISE. DRILL HOLES SHALL BE ACCURATELY LAID OUT SO THAT THE MAXIMUM DEVIATION DOES NOT EXCEED 1", DRILL HOLE DIAMETER TO BE APPROXIMATELY 1/8" CLEAR OF BAR ALL AROUND.
- B. AFTER THE DRILLING IS COMPLETE AND PRIOR TO INSTALLATION OF THE DOWEL OR TIE BARS, THE HOLES SHALL BE THOROUGHLY CLEANED TO REMOVE DRILLING DUST, CONCRETE CHIPS, AND ANY MATERIAL DETRIMENTAL TO BONDING.
- C. EPOXY GEL SHALL BE APPLIED TO THE DOWEL AND SUFFICIENT GEL INJECTED IN THE BACK OF THE TIE BAR HOLE BY A MECHANICAL MIXING/PUMP DEVICE SO THAT A SLIGHT AMOUNT OF GEL WILL BE FORCED OUT WHEN THE DOWEL OR TIE BAR IS INSERTED AND TAPPED TO THE CORRECT POSITION. IT WILL BE NECESSARY TO TWIST THE BAR BACK AND FORTH SEVERAL TIMES TO ELIMINATE THE AIR ENTRAPPED IN THE HOLE. SMALL WEDGES MAY BE USED TO SUPPORT THE DOWEL OR TIE BAR IN CORRECT ALIGNMENT UNTIL THE GEL HARDENS.







STANDARD SYMBOLS*	
AT GRADE INLET PROTECTION	AGIP
GABION INLET PROTECTION	GIP
LIMIT OF DISTURBANCE	LOD
ROCK OUTFLOW PROTECTION II	ROPII
STABILIZED CONSTRUCTION ENTRANCE	SCE
SILT FENCE	SF
SILT FENCE ON PAVEMENT	SFOP
ONSITE CONCRETE WASHOUT AREA	CWS
SUMP PIT	SP
TEMPORARY ASPHALT BERM	TAB

*NOTE: DEPICTION OF STANDARD SYMBOLS ON THE PLAN MUST CONSIDER THE FOOTPRINT REQUIRED FOR THE DEVICE.

SHEET KEYNOTES

1. STABILIZED CONSTRUCTION ENTRANCE (SCE) - SEE DETAIL A1/C-750
2. SILT FENCE (SF) - SEE DETAIL A1/C-751
3. SILT FENCE ON PAVEMENT (SFOP) - SEE DETAIL A5/C-750
4. PERMANENT SEEDING - SEE B-4-5 STANDARD SPECIFICATIONS FOR PERMANENT STABILIZATION ON SHEET C-704
5. SAME DAY STABILIZE WITH SEED AND MULCH AFTER DEMOLITION - SEE B-4-3 STANDARD SPECIFICATIONS FOR SEED AND MULCH ON SHEET C-703. PAVED AREAS DISTURBED BY UTILITY INSTALLATION SHALL BE BACKFILLED AND STABILIZED WITH STONE AT THE END OF THE WORK DAY.
6. STOCKPILE AREA - SEE B-4-8 STANDARDS SPECIFICATIONS FOR STOCKPILE AREA ON SHEET C-704.
7. LIMITS OF DISTURBANCE
8. CONSTRUCTION LIMITS
9. TEMPORARY ASPHALT BERM (TAB) - SEE DETAIL A3/C-752
10. CONTRACTOR STAGING AREA.
11. AT GRADE INLET PROTECTION (AGIP) - SEE DETAIL A3/C-750
12. ROCK OUTLET PROTECTION II (ROPII) - SEE DETAIL A5/C-751
13. GABION INLET PROTECTION (GIP) - SEE DETAIL A1/C-752
14. ONSITE CONCRETE WASHOUT AREA (CWS) - SEE DETAIL A3/C-753
15. SUMP PIT (SEE DETAIL A1/C-753) SHALL BE PROVIDED AS NEEDED FOR DEWATERING EXCAVATION FOR BUILDING FOUNDATION.

SHEET LEGEND

- STOCKPILE
- ROCK RIPRAP
- PERMANENT STABILIZATION
- STEEP SLOPES 15-20% (HIGHLY ERODIBLE SOILS)
- STEEP SLOPES >20% (HIGHLY ERODIBLE SOILS)
- CONCRETE PAVEMENT
- ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- AGIP & GIP DRAINAGE AREA DELINEATION

SOIL MAP				
HSG	% OF SITE	K FACTOR	HIGHLY ERODIBLE	
UN	D*	100	-0.03	NO
* SEE STORMWATER MANAGEMENT REPORT FOR EXPLANATION OF HSG				

GENERAL SHEET NOTES

1. SEE SHEET C-001 FOR ADDITIONAL NOTES, LEGEND AND ABBREVIATIONS.
2. SEE SHEETS C-701 THROUGH C-704 FOR EROSION AND SEDIMENT CONTROL NOTES, SYMBOLS, SPECIFICATIONS, AND STABILIZATION REQUIREMENTS FOR SEEDING AND SODDING.
3. SEE SHEETS C-750 THROUGH C-753 FOR EROSION CONTROL DETAILS.
4. SEE SHEET C-710 FOR GENERAL EROSION AND SEDIMENT CONTROL PHASE SEQUENCE OF CONSTRUCTION NOTES.
5. EXACT METES AND BOUNDS FOR NATIONAL GUARD BUREAU AREA HAVE NOT BEEN PROVIDED. LAYOUT HAS BEEN LOCATED AS DESCRIBED BY DCANG TO THE DESIGN TEAM.
6. AT NO TIME IS IT ACCEPTABLE FOR SEDIMENT LADEN RUNOFF TO BE DISCHARGED TO THE UNKNOWN TRIBUTARY TO PISCATAWAY CREEK.
7. ALL RUNOFF MUST BE DISCHARGED IN A NON-EROSIVE MANNER.

SEQUENCE OF CONSTRUCTION: GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY MDE WATER MANAGEMENT ADMINISTRATION (WMA) COMPLIANCE INSPECTOR AT (410) 537-3510 AT LEAST SEVEN (7) DAYS PRIOR TO BEGINNING EARTH DISTURBANCE TO SCHEDULE A PRE-CONSTRUCTION MEETING.
2. THE LIMITS OF DISTURBANCE MUST BE FIELD MARKED PRIOR TO INSTALLATION OF SEDIMENT CONTROL MEASURES, CONSTRUCTION, OR OTHER LAND DISTURBING ACTIVITIES.
3. THE CONTRACTOR MUST OBTAIN APPROVAL FROM THE WATER MANAGEMENT ADMINISTRATION (WMA) INSPECTOR CERTIFYING THAT THE LIMITS OF DISTURBANCE ARE CORRECTLY MARKED AND INSTALLED PRIOR TO COMMENCING WORK.
4. INSTALL EROSION AND SEDIMENT CONTROL DEVICES AS OUTLINED IN THE PHASED WORK IN ADDITION TO THE EROSION AND SEDIMENT CONTROL PLANS. CONSTRUCTION PHASING MUST BE COORDINATED WITH THE GENERAL CONSTRUCTION AND SAFETY NOTES SAFETY PHASING PLANS.
5. MAINTAIN PERIMETER CONTROLS (I.E. SF, SFOP, TAB, AND SCE) FROM INITIAL PHASE THROUGHOUT THE GRADING PHASE OF WORK.
6. ALL WORK SHALL BE PERFORMED ACCORDING TO THE APPROVED PHASING PLAN AND SEQUENCE OF CONSTRUCTION.

SEQUENCE OF CONSTRUCTION: FINAL PHASE

1. REFER TO SHEET C-710 FOR INITIAL PHASE SEQUENCE OF CONTROL NOTES.
2. CONTINUE TO IMPLEMENT TEMPORARY STABILIZATION MEASURES AS REQUIRED ON SHEETS C-701 THROUGH C-703.
3. ROUGH GRADE SITE AND BUILDING SLAB WHILE MAINTAINING PERIMETER SILT FENCE (SF & SFOP).
4. BEGIN INSTALLING STORM DRAINAGE UTILITIES FROM THE DOWNSTREAM END OF THE SYSTEM TO THE UPSTREAM END OF THE SYSTEM. AS INLETS ARE INSTALLED, PROVIDE INLET PROTECTION AT EACH INLET.
5. CONSTRUCT BUILDING FOUNDATION SYSTEM, PROVIDE DEWATERING WITH SUMP PIT PER DETAIL A1/C-753 AS NECESSARY AND BEGIN CONSTRUCTION OF THE BUILDING.
6. INSTALL UTILITY SYSTEMS FOR BUILDING SERVICE (GAS, WATER, STORM, AND POWER). FOR UTILITY CONSTRUCTION WITHIN AND OUTSIDE AREAS OF DESIGNED CONTROLS, STANDARD EROSION AND SEDIMENT CONTROL NOTE #26, SHEET C-701, WILL BE STRICTLY ENFORCED. ALL UTILITY INSTALLATION OUTSIDE OF GRADING AREAS SHALL BE SAME DAY STABILIZED.
7. FINE GRADE SITE AND INSTALL AGGREGATE BASE, CURBING, AND PAVING. REMOVE SFOP AFTER AGGREGATE BASE IS INSTALLED AND BEFORE PAVING BEGINS.
8. REMOVE CONCRETE WASHOUT AREA UPON COMPLETION OF ALL ON-SITE CONCRETE WORK.
9. IMPLEMENT PERMANENT STABILIZATION OF ALL UNPAVED AREAS. REMOVE TAB AFTER SITE HAS BEEN STABILIZED.
10. REMOVE INLET PROTECTION AFTER UPLAND AREAS HAVE BEEN STABILIZED AND BEFORE PAVING BEGINS.
11. DO NOT REMOVE PERIMETER CONTROLS AND INLET PROTECTION UNTIL SITE HAS BEEN STABILIZED WITH GRASS, AGGREGATE BASE, AND/OR PAVEMENT AND IF APPROVED BY THE WMA INSPECTOR. STABILIZE ANY AREAS DISTURBED BY THE REMOVAL PROCESS.

MDE NO. 17-SF-0160
NOTE TO CONTRACTOR: SEDIMENT CONTROL WILL BE STRICTLY ENFORCED
FOR EROSION AND SEDIMENT CONTROL ONLY.

Professional Certification.
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 43543, Expiration Date: 05/28/19

ISSUE DATE	DESIGNED BY	DRAWN BY	CHECKED BY	SUBMITTED BY	FILE NAME
05/28/2017	TLN	TLN	JAS	SRK	ANSID

DISTRICT OF COLUMBIA
AIR NATIONAL GUARD

POD
Professional Engineer
No. 43543
Expiring 05/28/19

MUNITIONS LOAD CREW
TRAINING FACILITY
113th Wing DCANG
Andrews Air Force Base, MD

FINAL EROSION AND SEDIMENT
CONTROL PLAN

SHEET ID
C-711

MDE NO. 17-SF-0160
NOTE TO CONTRACTOR: SEDIMENT
CONTROL WILL BE STRICTLY ENFORCED

FOR EROSION AND SEDIMENT
CONTROL ONLY.



Professional Certification.
I hereby certify that these
documents were prepared
and approved by me, and
that I am a duly licensed
Professional engineer
under the laws of the
State of Maryland,
License No. 43543
Expiration Date: 05/28/19

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POND 10000 Pond Road Pearland, Texas, GA 77559 Tel: (281) 335-7744 Fax: (281) 335-7744 Job No. 1170052		TWIN DRAWN BY: JAS W91330-40	6 OCTOBER 2017 AIR NATIONAL GUARD
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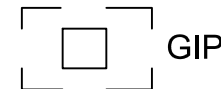
**MUNITIONS LOAD CREW
TRAINING FACILITY**
113th Wing DCANG
Andrews Air Force Base, MD

**EROSION AND SEDIMENT
CONTROL DETAILS**

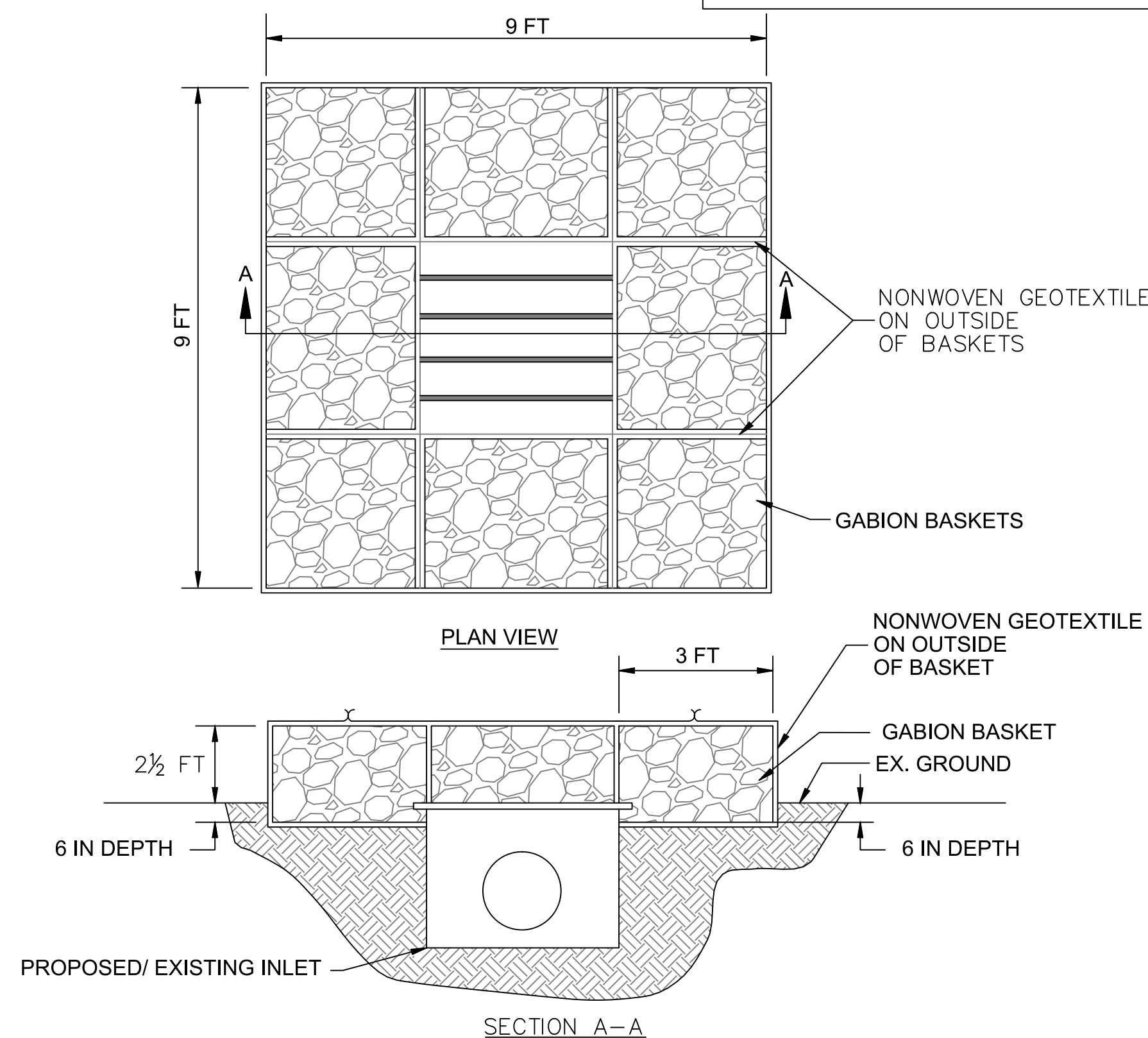
SHEET ID
C-752

DETAIL E-9-7 GABION INLET PROTECTION

STANDARD SYMBOL



MAXIMUM DRAINAGE AREA = 1½ ACRE



CONSTRUCTION SPECIFICATIONS

1. USE BASKETS MADE OF 11 GAUGE WIRE OR HEAVIER.
2. WRAP 3 FEET x 3 FEET GABION BASKETS (LENGTH VARIABLE) WITH NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS, OVERLAPPING AT THE TOP AND FASTEN THE GEOTEXTILE AT THE TOP OF THE BASKET WITH WIRE FASTENERS (HOG RINGS) AT A MAXIMUM OF 1 FOOT INTERVALS ALONG THE SEAM.
3. AVOID TEARING OR DAMAGING GEOTEXTILE.
4. ENTRENCH GABION BASKETS TO A DEPTH OF 6 INCHES.
5. PLACE AND INTERLOCK GABION BASKETS WITH NO GAPS.
6. FILL GABION BASKETS WITH CLEAN 4 TO 7 INCH STONE OR EQUIVALENT RECYCLED CONCRETE WITHOUT REBAR OR MESH.
7. STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

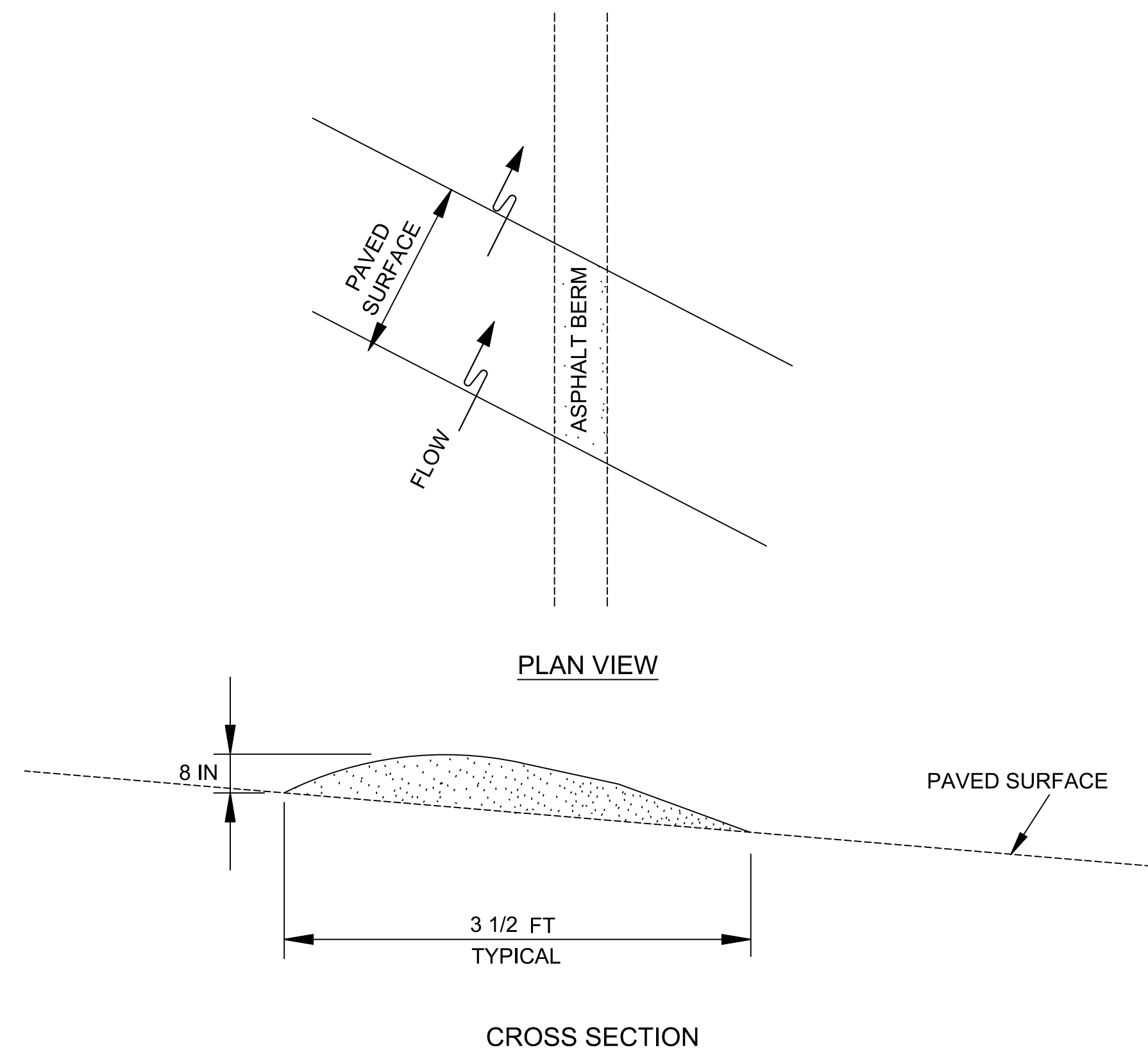
U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

2011

MARYLAND DEPARTMENT OF ENVIRONMENT
WATER MANAGEMENT ADMINISTRATION

A1 GABION INLET PROTECTION (GIP)
SCALE: NONE

DETAIL C-5 TEMPORARY ASPHALT BERM



CONSTRUCTION SPECIFICATIONS

1. CONSTRUCT BERM ON AN UNINTERRUPTED, CONTINUOUS GRADE.
2. INSTALL BERM TO CONFORM TO CROSS SECTION DIMENSIONS OF A UNIFORM HEIGHT OF 8 INCHES MINIMUM AND APPROXIMATE WIDTH OF 3½ FEET.
3. PROVIDE OUTLET PROTECTION AS REQUIRED ON PLAN.
4. COMPACT ASPHALT BERM.
5. REPAIR DAMAGED ASPHALT. REMOVE ACCUMULATED SEDIMENT AND DEBRIS. MAINTAIN POSITIVE DRAINAGE.
6. UPON REMOVAL OF ASPHALT BERM, RETURN TO ORIGINAL CONDITIONS OR AS SPECIFIED ON APPROVED PLAN.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

2011

MARYLAND DEPARTMENT OF ENVIRONMENT
WATER MANAGEMENT ADMINISTRATION

A3 **TEMPORARY ASPHALT BERM (TAB)**
SCALE: NONE

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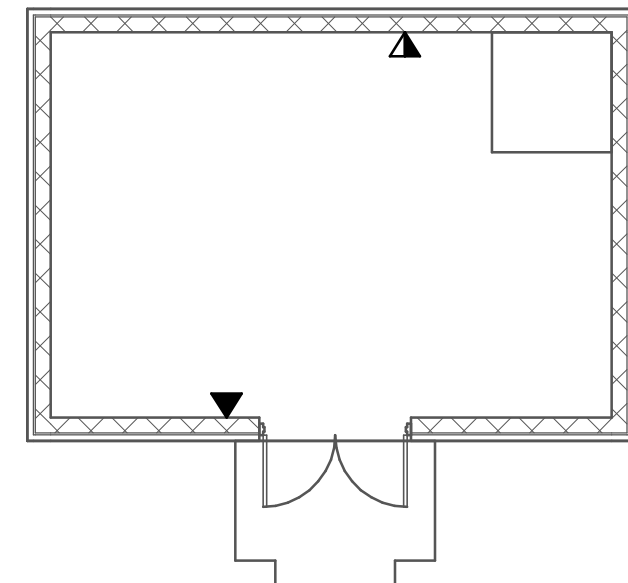
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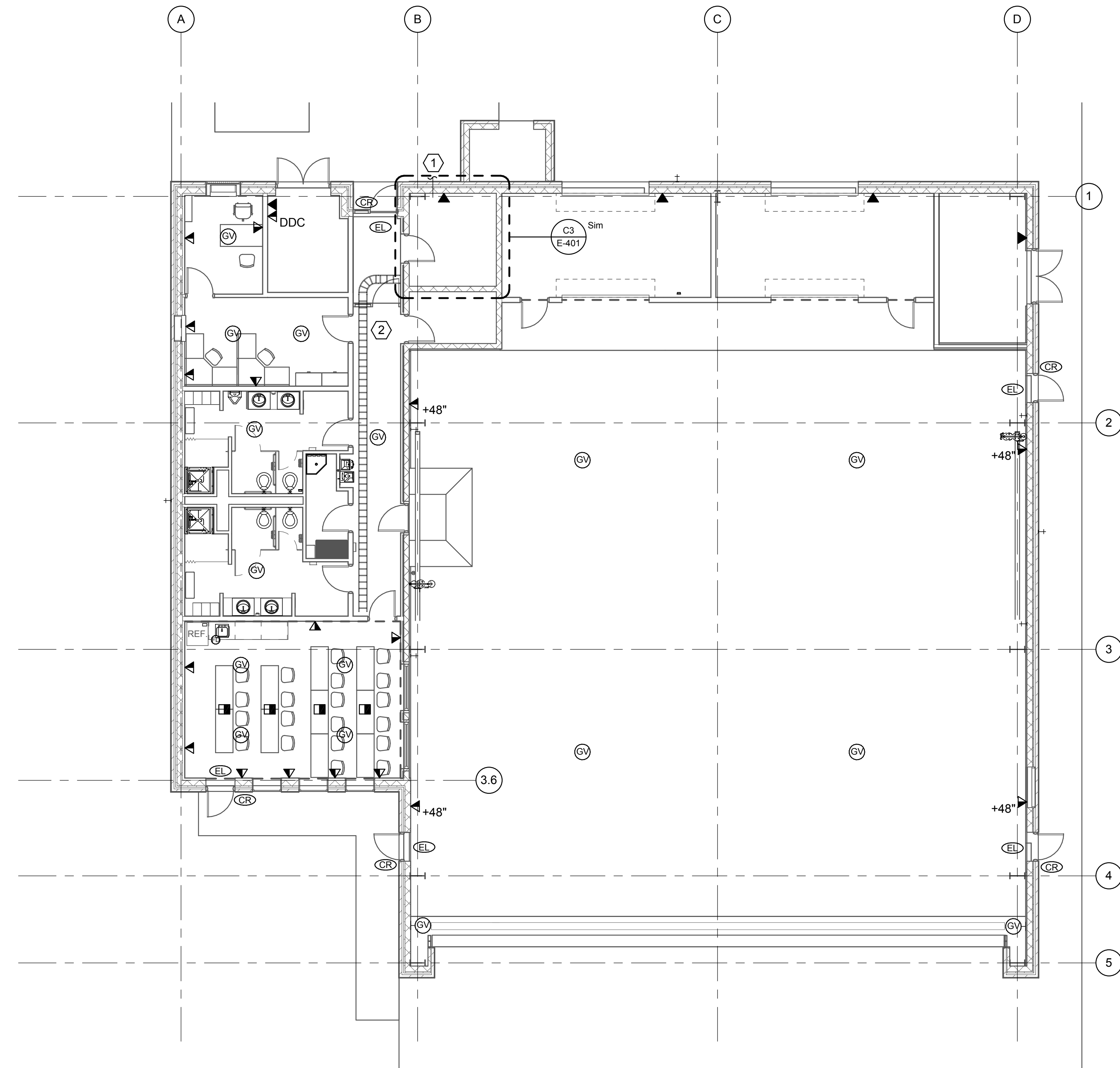
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5

6



E2 TELECOMMUNICATION FLOOR PLAN - FIRE PUMP HOUSE
SCALE: 1/8" = 1'-0"



A2 TELECOMMUNICATION FLOOR PLAN
SCALE: 1/8" = 1'-0"

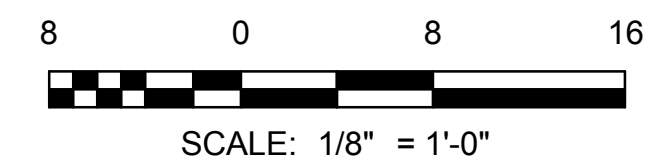


GENERAL NOTES:

- SEE SHEET T-001 FOR GENERAL NOTES, ABBREVIATIONS AND TELECOMMUNICATION SYMBOLS.
- SEE SHEET T-601 FOR TELECOMMUNICATIONS RISER DIAGRAM.
- THIS PROJECT SHALL PROVIDE DEVICE ROUGH-IN AND PATHWAYS ONLY FOR ACCESS CONTROL SYSTEM. THE ACCESS CONTROL SYSTEM SHALL BE FURNISHED AND INSTALLED UNDER A SEPARATE CONTRACT.

KEY NOTES:

- PROVIDE A 1 1/2" C FROM THE COMM ROOM UP TO THE ROOF STRUCTURE AND EXIT OUT THE EXTERIOR WALL APPROXIMATELY 4' BELOW THE HANGAR ROOF RIDGE. CONTRACTOR TO COORDINATE THE EXACT HEIGHT OF THE CONDUIT THROUGH THE EXTERIOR WALL WITH CONTRACTING OFFICERS REPRESENTATIVE.
- 12" WIDE X 4" DEEP BASKE TYPE CABLE TRAY.



Professional Certification.
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 50902
Expiration Date: 05/11/19

MARK	DESCRIPTION	DATE	APPR

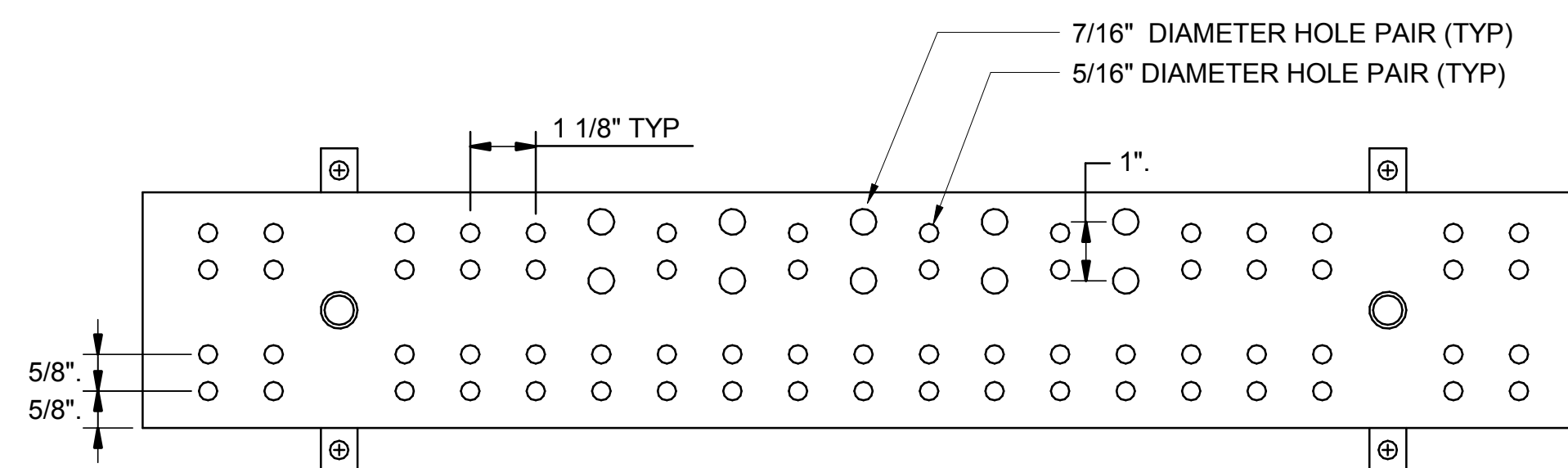
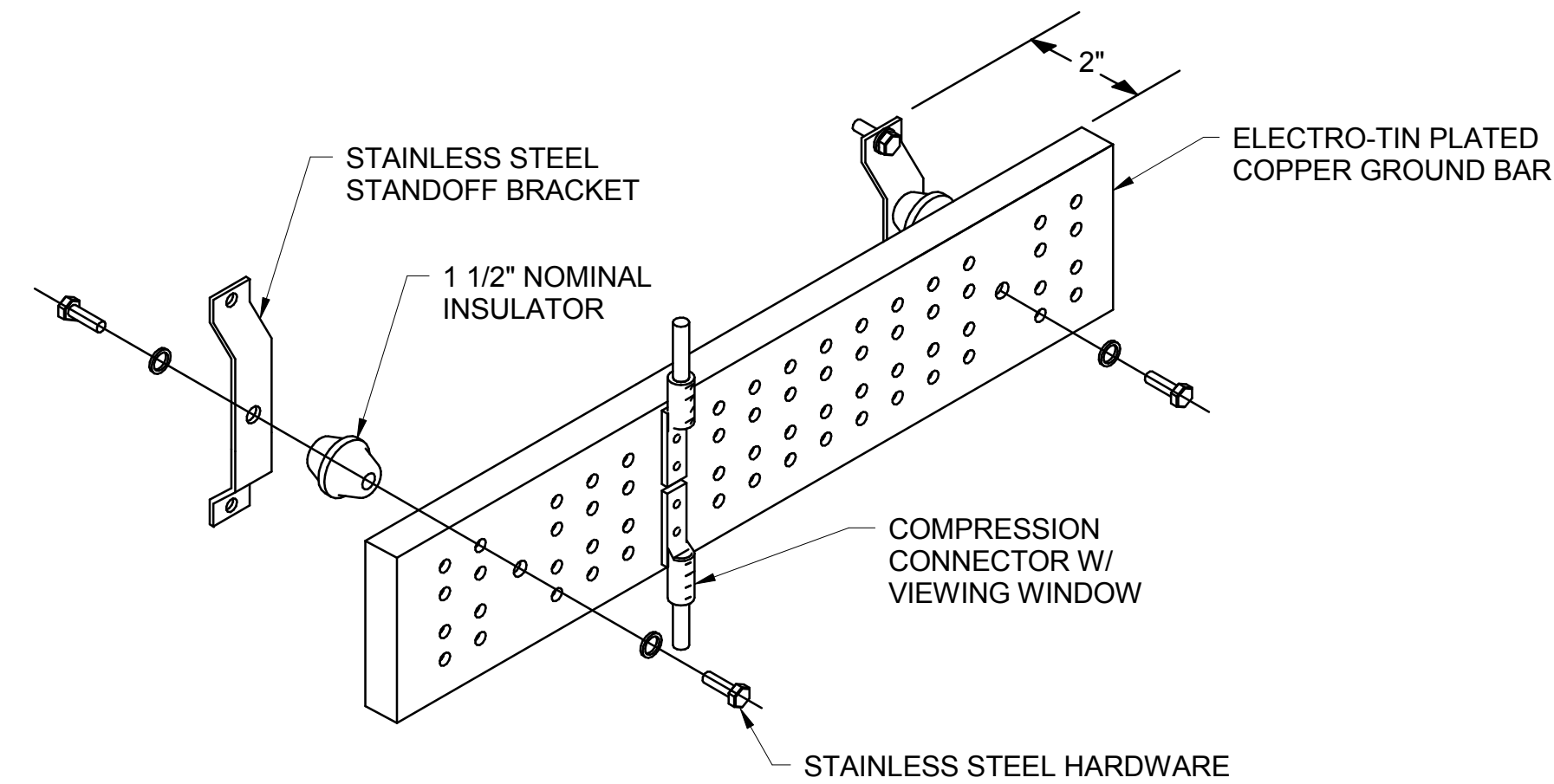
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MUNITIONS LOAD CREW
TRAINING FACILITY
1131 WING DCANG
JOINT BASE ANDREWS, MD
TELECOM PLAN

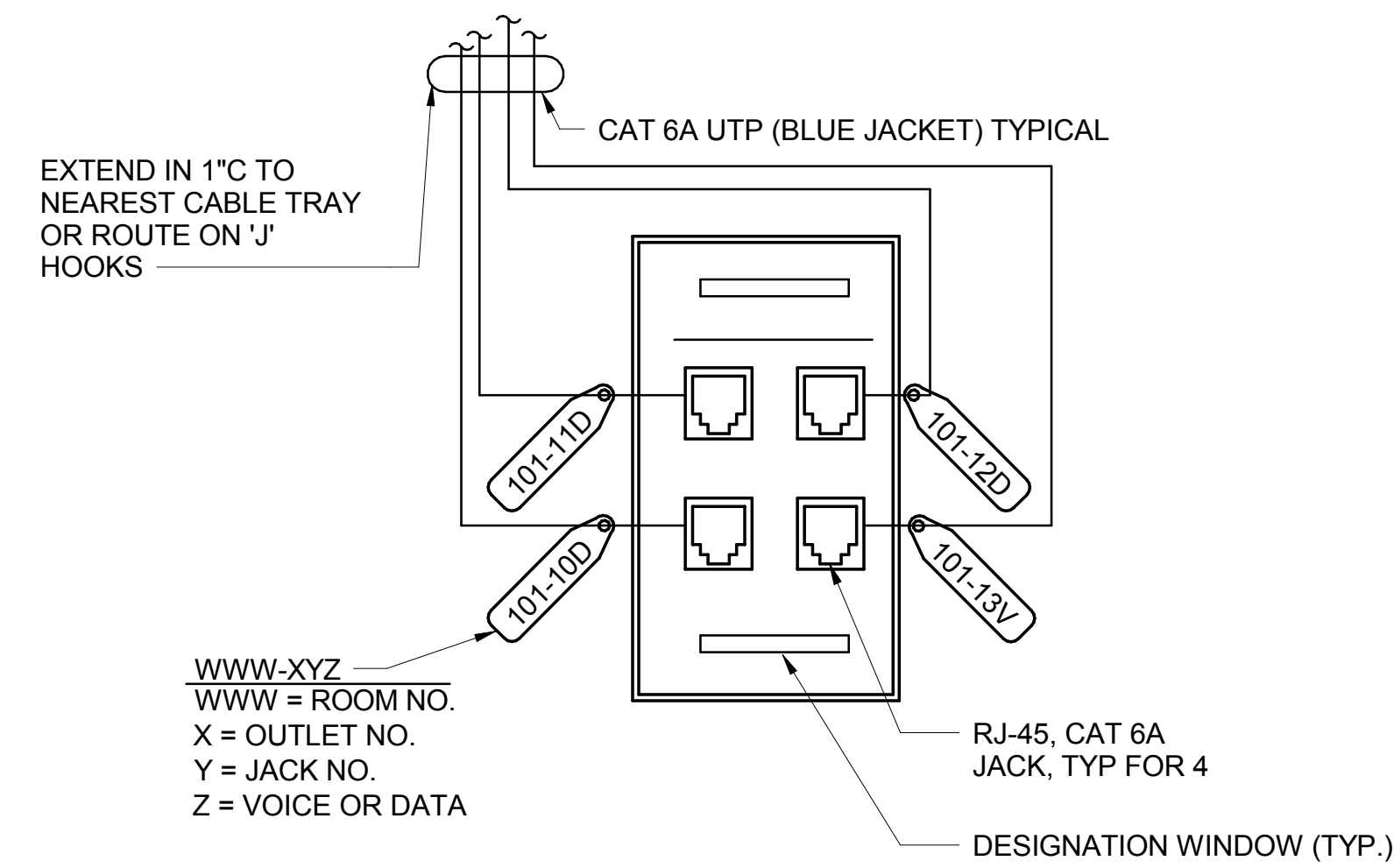
SHEET ID
T-101

TELECOMMUNICATIONS MAIN GROUND BAR (TMGB) & TELECOMMUNICATIONS GROUND BAR (TGB) SCHEDULE ANSI-J-STD-A-2002					
TYPE	MINIMUM LENGTH	WIDTH	THICKNESS	MINIMUM NUMBER OF PAIRS OF 5/16" DIAMETER HOLES	MINIMUM NUMBER OF PAIRS OF 7/16" DIAMETER HOLES
TMGB	20"	4"	1/4"	24	3

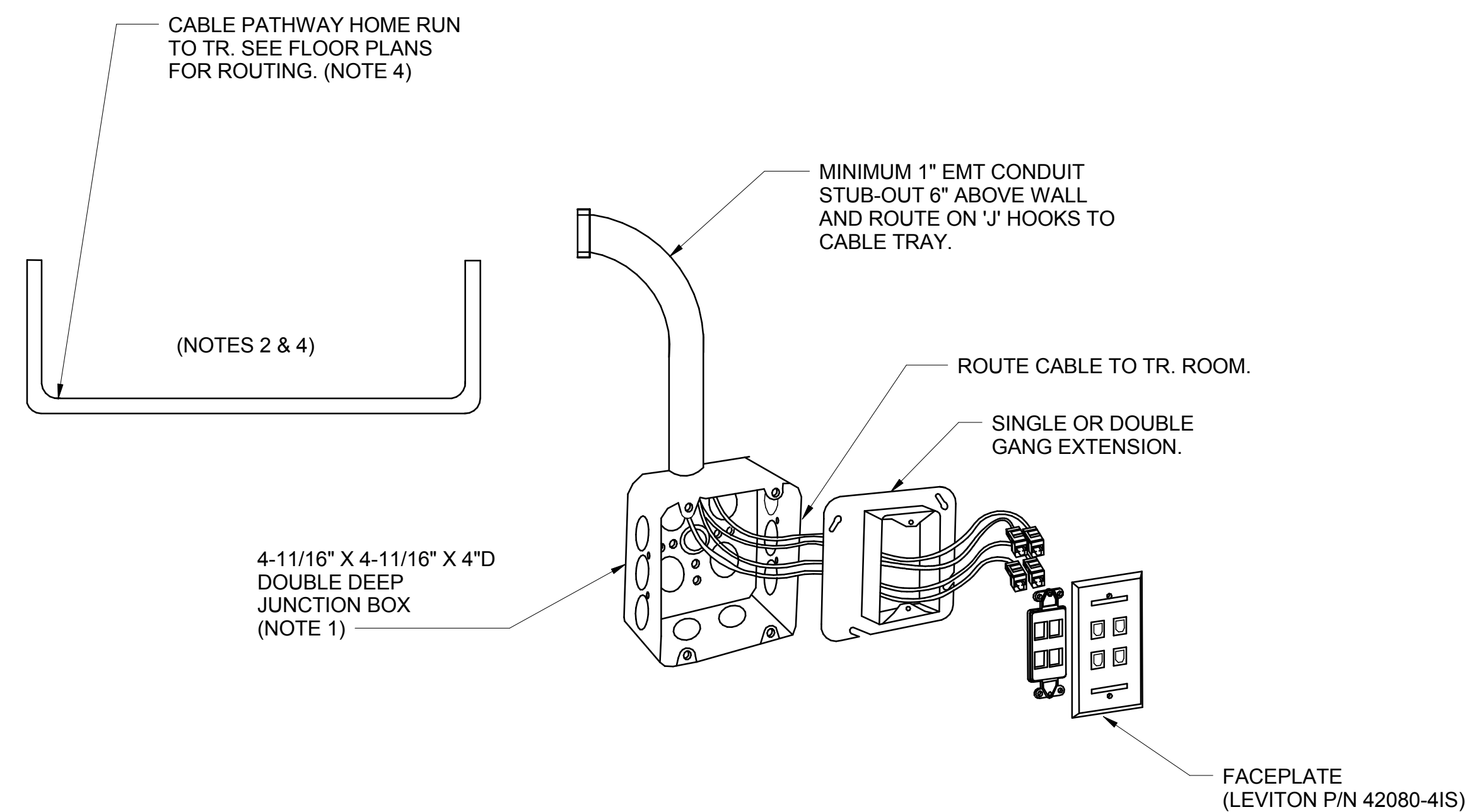


TYPICAL TMGB DRILLED HOLE DIMENSIONS

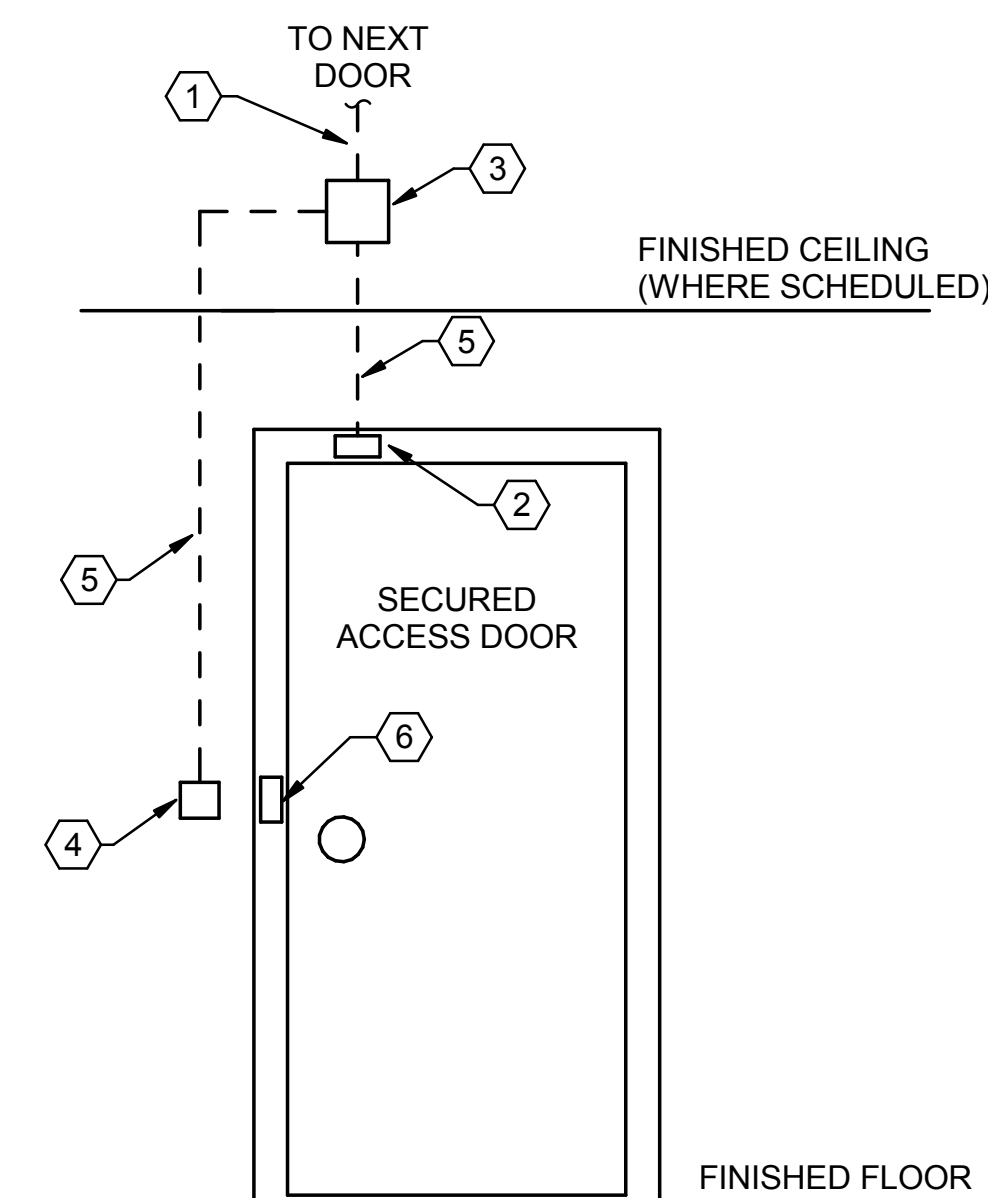
C1 TELECOMMUNICATIONS MAIN GROUND BAR
SCALE: N.T.S.



D4 TYPICAL COMMUNICATIONS OUTLET DETAIL
SCALE: N.T.S.



D3 WALL MOUNT COMMUNICATIONS OUTLET DETAIL
SCALE: N.T.S.



A4 SECURITY DETAIL - SINGLE DOOR
SCALE: N.T.S.

- KEY NOTES:

- ① 3/4" TO SECURITY PANEL.
- ② PROVIDE ROUGH IN FOR BALANCED MAGNETIC SWITCH.
- ③ PROVIDE ROUGH IN FOR ACCESS CONTROL PANEL.
- ④ PROVIDE ROUGH IN FOR CARD READER.
- ⑤ 3/4" TYPICAL
- ⑥ PROVIDE ROUGH IN FOR ELECTRIC LOCKSET. POWER FROM SECURITY PANEL.



Professional Certification.
I hereby certify that these
documents were prepared
and approved by me, and
that I am a duly licensed
Professional engineer
under the laws of the
State of Maryland,
License No. 50902
Expiration Date: 05/11/19

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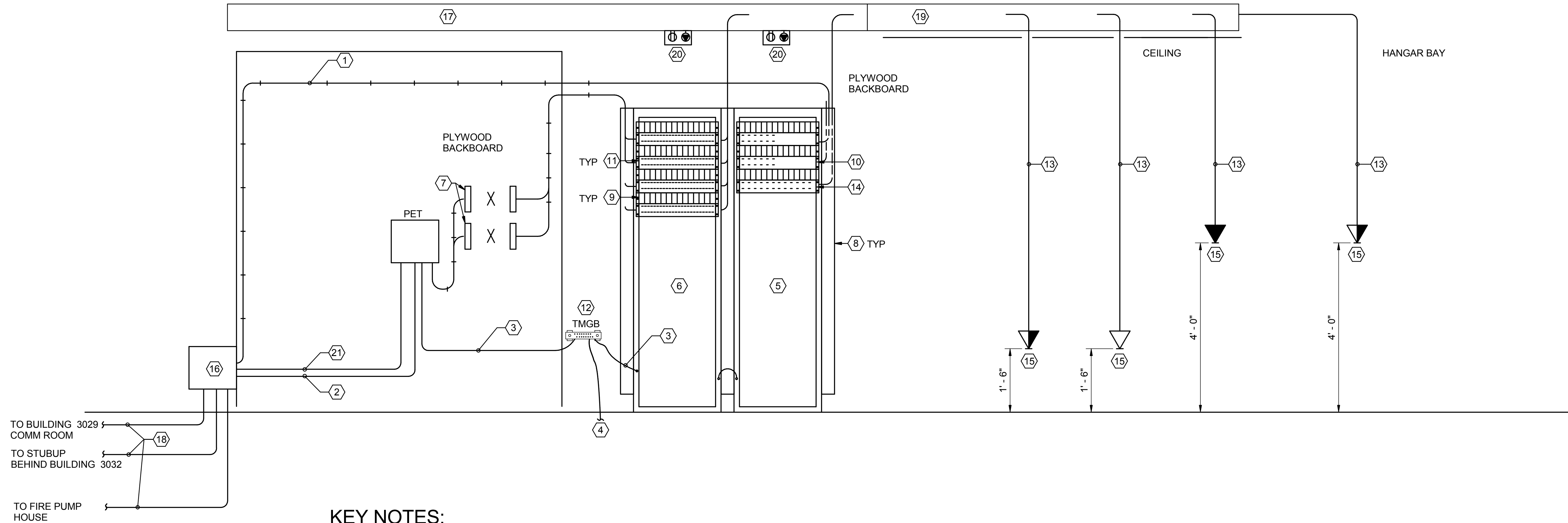
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KEY NOTES:

- 1 PROVIDE NEW 12 STRAND SINGLE MODE AND 12 STRAND MULTI MODE FIBER OPTIC CABLE FROM EXISTING BUILDING 3029 TO COMM ROOM.
- 2 50 PAIR COPPER FROM STUB UP BEHIND FORMER BUILDING 3032.
- 3 #4 INSULATED COPPER GROUND.
- 4 #4 BARE COPPER GROUND BONDED TO BUILDING GROUND BAR.
- 5 NEW FIBER EQUIPMENT RACK.
- 6 NEW VOICE/DATA EQUIPMENT RACK.
- 7 50 PAIR 110 TYPE WIRING BLOCKS EQUIPPED WITH WALL MOUNTING STANDOFF LEGS.
- 8 VERTICAL CABLE MANAGEMENT.
- 9 HORIZONTAL CABLE MANAGEMENT.
- 10 FIBER OPTIC PATCH PANEL
- 11 48 PORT VOICE/DATA PATCH PANEL
- 12 1/4" THICK X 20"L X 4"W TELECOMMUNICATIONS MAIN GROUND BAR. SEE DETAIL C1/T-501.
- 13 PROVIDE 3/4"C TO CABLE TRAY.
- 14 FIBER OPTIC CONCENTRATOR
- 15 COMMUNICATIONS OUTLET (4 DATA CATEGORY 6A, RJ-45 JACK). SEE DETAIL D4/T-501.
- 16 COMMUNICATIONS PULL BOX. MOUNT TO BUILDING EXTERIOR FOR TRANSITION TO/FROM UNDERGROUND DUCTBANK.
- 17 12"W X 4"H LADDER STYLE CABLE TRAY. PROVIDE RUNG SPACING NO GREATER THAN 9".
- 18 TWO 2 x 4" DUCTBANK FOR COPPER AND FIBER OPTIC SERVICE TO THE BUILDING. SEE ES-101 FOR CONTINUATION.
- 19 BASKET TYPE CABLE TRAY, MOUNT ABOVE SUSPENDED CEILING.
- 20 REFER TO DETAIL C3/E-401 FOR RECEPTACLES MOUNTED ON CABLE TRAY.
- 21 25 PAIR COPPER TO FIRE PUMP HOUSE. SEE ES-101 FOR CONTINUATION.

C1 TELECOMMUNICATION RISER DIAGRM

SCALE: N.T.S.



Professional Certification.
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 50302
Expiration Date: 05/11/19

MARK	DESCRIPTION	DATE	APPR

DESIGNED BY: MAP	ISSUE DATE: 8 OCTOBER 2017
DRAWN BY: MAP	ANG NO.: AJXF039040
CHECKED BY: JMS	CONTRACT NO.: W8133L-15-D-0001
SUBMITTED BY: JMS	FILE NUMBER: XX-XXXX
DATE: 10/2/2017	FILE NAME: ANSID

DISTRICT OF COLUMBIA
AIR NATIONAL GUARD

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MUNITIONS LOAD CREW
TRAINING FACILITY
1130 WING DCANG
JOINT BASE ANDREWS, MD
TELECOM RISER DIAGRAM

SHEET ID
T-601