

GENERAL	
G-001	COVER SHEET
G-002	SHEET INDEX
G-003	ABBREVIATIONS
G-004	GENERAL SYMBOLS
G-101	CODE DATA
G-102	LIFE SAFETY PLANS

GEOTECHNICAL	
B-101	TEST BORING LOCATION PLAN
B-301	TEST BORING LOG B-1
B-302	TEST BORING LOG B-2
B-303	TEST BORING LOG B-3
B-304	TEST BORING LOG B-4

	CIVIL
	C-001 CIVIL LEGEND AND GENERAL NOTES
	C-101 EXISTING CONDITIONS PLAN
	C-102 CONTROL PLAN
	CD101 SITE DEMOLITION PLAN
	C-111 SITE LAYOUT PLAN
	C-121 SITE GRADING AND DRAINAGE PLAN
	C-131 SITE UTILITIES PLAN
	C-221 STORM DRAINAGE PROFILES
	C-222 STORM DRAINAGE PROFILES
	C-231 SANITARY SEWER PROFILES
	C-411 CONCRETE PAVING JOINT PLAN
	C-412 ENLARGED ADA CONCRETE RAMP PLAN AND BLDG 285 STAIR FOUNDATION PLANS
	C-413 ENLARGED CONCRETE STAIRS AND TERRACE PLANS
	C-511 SITE DETAILS
	C-512 SITE DETAILS
	C-513 SITE DETAILS AND SECTIONS
	C-521 SITE DRAINAGE DETAILS
	C-531 SITE UTILITIES DETAILS
	C-532 SITE UTILITIES DETAILS
	C-533 SITE UTILITIES DETAILS
	C-534 SITE UTILITIES DETAILS
	C-535 SITE UTILITIES DETAILS
	C-536 SITE UTILITIES DETAILS
	C-701 EROSION AND SEDIMENT CONTROL PLAN
	C-702 EROSION AND SEDIMENT CONTROL PLAN
	C-703 EROSION AND SEDIMENT CONTROL DETAILS
	C-704 EROSION AND SEDIMENT CONTROL DETAILS
	C-705 EROSION AND SEDIMENT CONTROL DETAILS
	C-706 EROSION AND SEDIMENT CONTROL NOTES

STRUCTURAL	
S-001	GENERAL STRUCTURAL NOTES
S-002	GENERAL STRUCTURAL NOTES, LEGEND, AND TECHNICAL TERMS
S-003	STRUCTURAL SPECIAL INSPECTIONS
S-004	STRUCTURAL SPECIAL INSPECTIONS (CONT'D)
S-005	WIND LOAD DIAGRAMS
SD101	BLDG 286 PARTIAL FOUNDATION DEMOLITION PLAN
SD102	BLDG 286 PARTIAL 1ST, 2ND AND 3RD FLOOR FRAMING DEMOLITION PLAN
SD103	BLDG 286 PARTIAL ROOF FRAMING DEMOLITION PLAN
SD301	DEMOLITION SECTIONS AND DETAILS
SD302	DEMOLITION SECTIONS AND DETAILS
S-101	OVERALL FOUNDATION PLAN
S-102	PARTIAL FOUNDATION PLAN - AREA 'A'
S-103	PARTIAL FOUNDATION PLAN - AREA 'B'
S-104	OVERALL FIRST FLOOR SLAB PLAN
S-105	PARTIAL FIRST FLOOR SLAB PLAN - AREA 'A'
S-106	PARTIAL FIRST FLOOR SLAB PLAN - AREA 'B'
S-107	OVERALL SECOND FLOOR FRAMING PLAN
S-108	PARTIAL SECOND FLOOR FRAMING PLAN - AREA 'A'
S-109	PARTIAL SECOND FLOOR FRAMING PLAN - AREA 'B'
S-110	OVERALL ROOF FRAMING PLAN
S-111	PARTIAL ROOF FRAMING PLAN - AREA 'A'
S-112	PARTIAL ROOF FRAMING PLAN - AREA 'B'
S-201	ELEVATIONS
S-202	ELEVATIONS
S-203	ELEVATIONS
S-204	VERTICAL BRACING
S-205	GIRT ELEVATIONS
S-206	GIRT ELEVATIONS
S-301	FOUNDATION SECTIONS AND DETAILS
S-302	FOUNDATION SECTIONS AND DETAILS
S-303	FOUNDATION SECTIONS AND DETAILS
S-304	STAIR & RAMP SECTIONS AND DETAILS
S-305	STAIR SECTIONS AND DETAILS
S-306	STAIR SECTIONS AND DETAILS
S-307	STAIR SECTIONS AND DETAILS
S-310	STEEL SECTIONS AND DETAILS
S-311	STEEL SECTIONS AND DETAILS
S-312	STEEL SECTIONS AND DETAILS
S-313	STEEL SECTIONS AND DETAILS
S-320	STEEL STAIR SECTIONS AND DETAILS
S-401	ENLARGED FOUNDATION & STEEL FRAMING PLANS
S-402	ENLARGED STEEL FRAMING PLANS
S-403	ENLARGED FOUNDATION PLAN NORTH STAIRS
S-404	ENLARGED FOUNDATION PLAN SOUTH STAIRS
S-405	ENLARGED STAIR PLAN NORTH STAIRS
S-406	ENLARGED STAIR PLAN SOUTH STAIRS
S-501	TYPICAL CONCRETE DETAILS
S-502	TYPICAL PILE CAP DETAILS
S-503	TYPICAL PILE CAP DETAILS
S-504	TYPICAL PIER DETAILS
S-505	TYPICAL PIER DETAILS
S-506	TYPICAL STEEL DETAILS
S-507	TYPICAL BASE PLATE DETAILS
S-508	TYPICAL CAP PLATE DETAILS
S-509	TYPICAL MASONRY DETAILS
S-601	COLUMN SCHEDULE AND ANCHOR ROD DETAILS
S-602	ANCHOR REINFORCING DETAILS
S-603	ANCHOR REINFORCING DETAILS

<u>ARCHITECTURAL</u>	
A-101	OVERALL FLOOR PLANS
A-102	ROOF PLAN AND ROOF DETAILS
A-103	PARTIAL FIRST FLOOR PLAN - AREA 'A'
A-104	PARTIAL FIRST FLOOR PLAN - AREA 'B'
A-105	PARTIAL SECOND FLOOR PLAN - AREA 'A'
A-106	PARTIAL SECOND FLOOR PLAN - AREA 'B'
A-107	MODIFICATIONS TO EXISTING BUILDING
A-108	REFLECTED CEILING PLANS
A-201	NORTH AND EAST EXTERIOR ELEVATIONS
A-202	SOUTH AND WEST EXTERIOR ELEVATIONS
A-301	BUILDING SECTIONS
A-302	WALL SECTIONS AND DETAILS
A-303	WALL SECTIONS
A-304	WALL SECTIONS
A-305	WALL SECTIONS
A-306	WALL SECTIONS
A-307	ENLARGED DETAILS
A-401	ENLARGED TOILET PLANS
A-402	TOILET ROOM ACCESSORY SCHEDULE AND DETAILS
A-403	ENLARGED STAIR PLANS AND SECTIONS
A-404	S1-1 STAIR PLANS AND SECTION
A-405	ELEVATOR PLANS AND SECTIONS
A-501	PARTITION TYPES AND DETAILS
A-502	STAIR DETAILS AND MISC DETAILS
A-503	LOBBY STAIR DETAILS
A-601	DOOR SCHEDULE
A-602	DOOR DETAILS
A-603	EXTERIOR ALUMINUM FRAMING SYSTEM ELEVATIONS
A-604	EXTERIOR ALUMINUM FRAMING SYSTEM ELEVATIONS
A-605	EXTERIOR ALUMINUM FRAMING SYSTEM ELEVATIONS
A-606	EXTERIOR ALUMINUM FRAMING SYSTEM ELEVATIONS
A-607	EXTERIOR ALUMINUM FRAMING SYSTEM ELEVATIONS
A-608	EXTERIOR ALUMINUM FRAMING SYSTEM ELEVATIONS
A-609	INTERIOR ALUMINUM FRAMING SYSTEM ELEVATIONS

INTERIOR DESIGN	
I-101	FURNITURE PLAN PARTIAL FIRST FLOOR - AREA 'A'
I-102	FURNITURE PLAN PARTIAL FIRST FLOOR - AREA 'B'
I-103	FURNITURE PLAN PARTIAL SECOND FLOOR - AREA 'A'
I-104	FURNITURE PLAN PARTIAL SECOND FLOOR - AREA 'B'
I-105	FLOOR FINISH PLAN PARTIAL FIRST FLOOR - AREA 'A'
I-106	FLOOR FINISH PLAN PARTIAL FIRST FLOOR - AREA 'B'
I-107	FLOOR FINISH PLAN PARTIAL SECOND FLOOR - AREA 'A'
I-108	FLOOR FINISH PLAN PARTIAL SECOND FLOOR - AREA 'B'
I-109	WALL FINISH & SIGNAGE PLAN PARTIAL FIRST FLOOR - AREA 'A'
I-110	WALL FINISH & SIGNAGE PLAN PARTIAL FIRST FLOOR - AREA 'B'
I-111	WALL FINISH & SIGNAGE PLAN PARTIAL SECOND FLOOR - AREA 'A'
I-112	WALL FINISH & SIGNAGE PLAN PARTIAL SECOND FLOOR - AREA 'B'
I-201	ELEVATIONS
I-202	ELEVATIONS
I-203	ELEVATIONS
I-301	SECTIONS
I-302	SECTIONS
I-303	TRANSITION DETAILS
I-401	WORK STATION DETAILS
I-501	INTERIOR SIGNAGE DETAILS
I-502	INTERIOR SIGNAGE DETAILS
I-601	FINISH SCHEDULE & LEGEND
I-602	FURNITURE SCHEDULE

<u>PLUMBING</u>	
P-001	GENERAL NOTES, LEGEND, SCHEDULES AND DETAILS
PD101	DEMOLITION PLAN
P-101	FIRST AND SECOND FLOOR DOMESTIC WATER NEW WORK PLAN
P-102	FIRST AND SECOND FLOOR SANITARY AND RAINWATER NEW WORK PLAN
P-401	FIRST FLOOR ENLARGED DOMESTIC WATER AND SANITARY PLANS
P-402	SECOND FLOOR ENLARGED DOMESTIC WATER AND SANITARY PLANS
P-601	RISER DIAGRAMS

FIRE PROTECTION	
F-101	FIRST AND SECOND FLOOR FIRE PROTECTION NEW WORK PLAN

MECHANICAL	
M-001	MECHANICAL LEGEND AND GENERAL NOTES
MD101	FIRST FLOOR DEMOLITION PLAN
MD102	SECOND AND THIRD FLOOR DEMOLITION AND NEW WORK PLANS
M-101	PARTIAL FIRST FLOOR PLAN - AREA 'A'
M-102	PARTIAL FIRST FLOOR PLAN - AREA 'B'
M-103	PARTIAL SECOND FLOOR PLAN - AREA 'A'
M-104	PARTIAL SECOND FLOOR PLAN - AREA 'B'
M-105	PARTIAL ROOF PLAN - AREA 'A'
M-106	PARTIAL ROOF PLAN - AREA 'B'
M-301	SECTIONS
M-302	SECTION
M-501	DETAILS
M-502	DETAILS
M-601	DIAGRAMS
M-602	DIAGRAMS
M-603	DIAGRAMS
M-701	SCHEDULES
M-702	SCHEDULES

	<u>ELECTRICAL</u>
E-001	ELECTRICAL LEGEND & GENERAL NOTES
ED100	ELECTRICAL DEMOLITION SITE PLAN
ED101	ELECTRICAL DEMOLITION AND NEW WORK PLANS
ED601	B286 DEMOLITION AND NEW WORK SINGLE LINE DIAGRAM
E-100	ELECTRICAL SITE & GROUNDING PLAN
E-100A	ELECTRICAL UNDERGROUND PATHWAY PLAN
E-101	PARTIAL FIRST FLOOR LIGHTING PLAN - AREA 'A'
E-102	PARTIAL FIRST FLOOR LIGHTING PLAN - AREA 'B'
E-103	PARTIAL SECOND FLOOR LIGHTING PLAN - AREA 'A'
E-104	PARTIAL SECOND FLOOR LIGHTING PLAN - AREA 'B'
E-105	PARTIAL FIRST FLOOR POWER PLAN - AREA 'A'
E-106	PARTIAL FIRST FLOOR POWER PLAN - AREA 'B'
E-107	PARTIAL SECOND FLOOR POWER PLAN - AREA 'A'
E-108	PARTIAL SECOND FLOOR POWER PLAN - AREA 'B'
E-109	PARTIAL FIRST FLOOR EQUIPMENT CONNECTION PLAN - AREA 'A'
E-110	PARTIAL FIRST FLOOR EQUIPMENT CONNECTION PLAN - AREA 'B'
E-111	PARTIAL SECOND FLOOR EQUIPMENT CONNECTION PLAN - AREA 'A'
E-112	PARTIAL SECOND FLOOR EQUIPMENT CONNECTION PLAN - AREA 'B'
E-117	PARTIAL FIRST FLOOR FIRE ALARM PLAN - AREA 'A'
E-118	PARTIAL FIRST FLOOR FIRE ALARM PLAN - AREA 'B'
E-119	PARTIAL SECOND FLOOR FIRE ALARM PLAN - AREA 'A'
E-120	PARTIAL SECOND FLOOR FIRE ALARM PLAN - AREA 'B'
E-121	PARTIAL ROOF POWER PLAN - AREA 'A'
E-122	PARTIAL ROOF POWER PLAN - AREA 'B'
E-123	GROUNDING AND LIGHTNING PROTECTION PLAN
E-301	DUCTBANK SECTIONS
E-401	ENLARGED POWER PLANS
E-601	ELECTRICAL SINGLE LINE DIAGRAM
E-701	PANEL SCHEDULES
E-702	PANEL SCHEDULES
E-703	PANEL SCHEDULES
E-704	PANEL SCHEDULES
E-705	PANEL SCHEDULES
E-801	LIGHTING FIXTURE SCHEDULE & DETAILS

<u>TELECOMMUNICATIONS</u>	
T-001	TELECOMMUNICATIONS LEGEND & GENERAL NOTES
TD100	TELECOMMUNICATIONS DEMOLITION SITE PLAN
TD101	TELECOMMUNICATIONS DEMOLITION PLANS
T-100	TELECOMMUNICATIONS SITE PLAN
T-100A	TELECOMMUNICATIONS UNDERGROUND PATHWAY PLAN
T-101	PARTIAL FIRST FLOOR TELECOMMUNICATIONS PLAN - AREA 'A'
T-102	PARTIAL FIRST FLOOR TELECOMMUNICATIONS PLAN - AREA 'B'
T-103	PARTIAL SECOND FLOOR TELECOMMUNICATIONS PLAN - AREA 'A'
T-104	PARTIAL SECOND FLOOR TELECOMMUNICATIONS PLAN - AREA 'B'
T-105	PARTIAL FIRST FLOOR SECURITY PLAN - AREA 'A'
T-106	PARTIAL FIRST FLOOR SECURITY PLAN - AREA 'B'
T-107	PARTIAL SECOND FLOOR SECURITY PLAN - AREA 'A'
T-108	PARTIAL SECOND FLOOR SECURITY PLAN - AREA 'B'
T-301	DUCTBANK SECTIONS
T-401	ENLARGED TELECOM PLANS & ELEVATIONS
T-501	SECURITY DETAILS
T-502	CONDUIT AND CABLING DETAILS
T-503	TELECOMMUNICATIONS GROUNDING DETAILS
T-504	CAMERA MOUNTING DETAILS
T-601	TELECOM RISER DIAGRAM
T-602	DATA RISER DIAGRAM
T-603	CCTV RISER DIAGRAM
T-604	ACCESS CONTROL RISER DIAGRAM

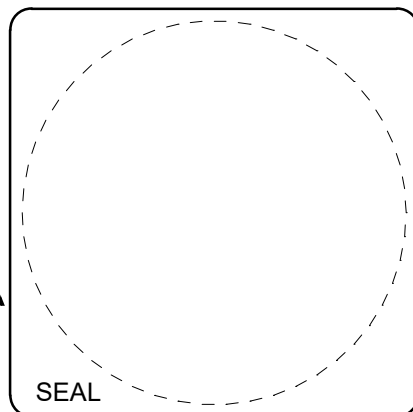
FEDERAL LAW ENFORCEMENT TRAINING CENTERS
FLETC

					Date	Appt.
	C	REVISED PER AMENDMENT 001	RWB	10/13/26		
	B	RTA	RWB	09/08/26		
	A	FINAL SUBMISSION	RWB	08/10/26		

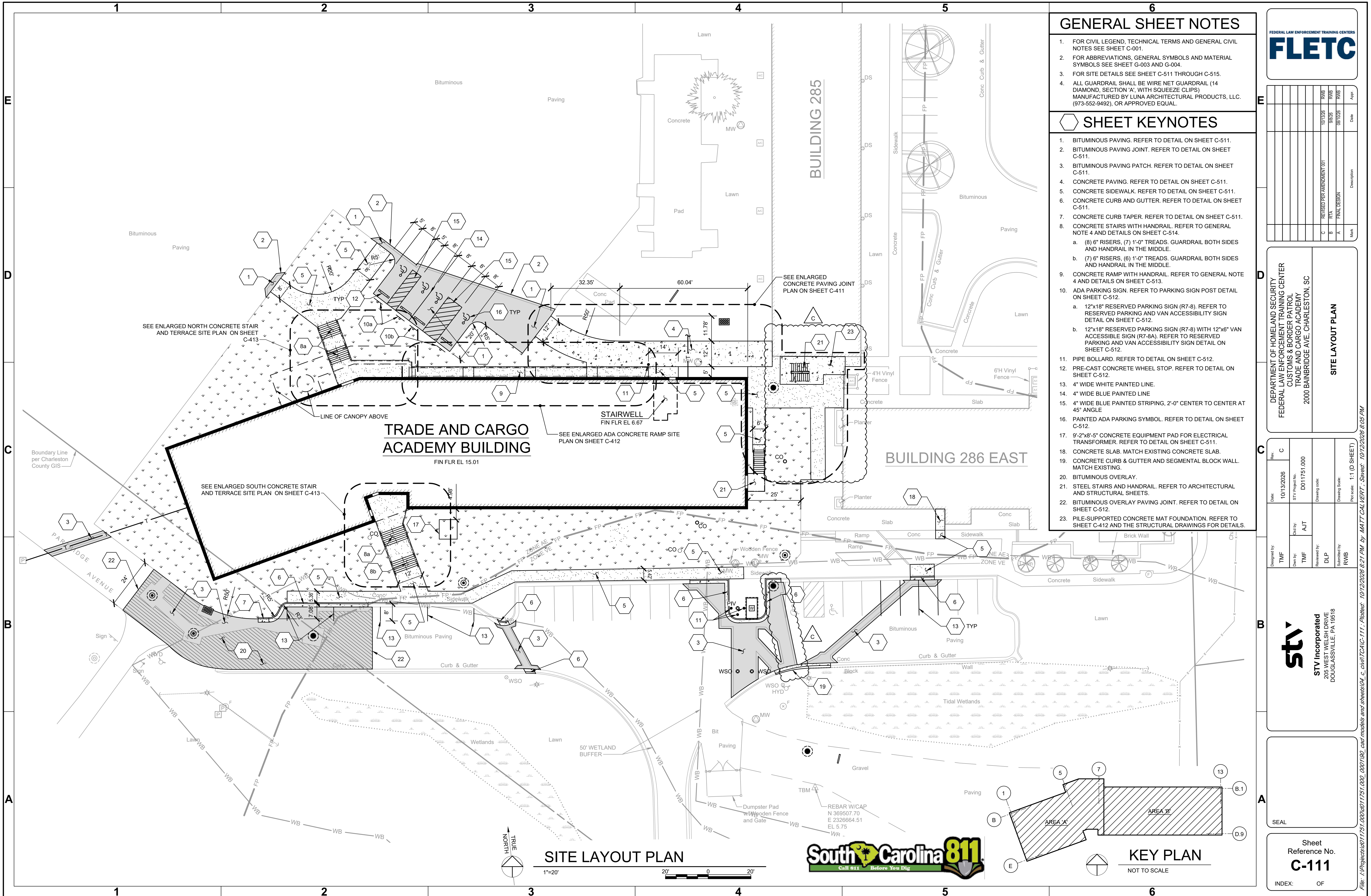
DEPARTMENT OF HOMELAND SECURITY
FEDERAL LAW ENFORCEMENT TRAINING CENTER
CUSTOMS & BORDER PATROL
TRADE AND CARGO ACADEMY
2000 BAINBRIDGE AVE, CHARLESTON, SC

Date:	9/8/2026	Rev.	B
Out by:	GDN	STV Project No.	D011751.000
		Drawing code:	
		Drawing Scale:	
		Plot scale:	1:1 (D SHEET)

Designed by:	
DJK	
Drawn by:	
DJK	
Reviewed by:	
-	
Submitted by:	
RWB	



Sheet
Reference No.
G-002
INDEX: 2 OF 238



GENERAL SHEET NOTES

- FOR CIVIL LEGEND, TECHNICAL TERMS AND GENERAL CIVIL NOTES SEE SHEET C-001.
- FOR ABBREVIATIONS, GENERAL SYMBOLS AND MATERIAL SYMBOLS SEE SHEET G-003 AND G-004.
- FOR SITE DETAILS SEE SHEET C-511 THROUGH C-515.
- ALL GUARDRAIL SHALL BE WIRE NET GUARDRAIL (14 DIAMOND, SECTION 'A', WITH SQUEEZE CLIPS) MANUFACTURED BY LUNA ARCHITECTURAL PRODUCTS, LLC. (973-552-9492), OR APPROVED EQUAL.

SHEET KEYNOTES

- BITUMINOUS PAVING. REFER TO DETAIL ON SHEET C-511.
- BITUMINOUS PAVING JOINT. REFER TO DETAIL ON SHEET C-511.
- BITUMINOUS PAVING PATCH. REFER TO DETAIL ON SHEET C-511.
- CONCRETE PAVING. REFER TO DETAIL ON SHEET C-511.
- CONCRETE SIDEWALK. REFER TO DETAIL ON SHEET C-511.
- CONCRETE CURB AND GUTTER. REFER TO DETAIL ON SHEET C-511.
- CONCRETE CURB TAPER. REFER TO DETAIL ON SHEET C-511.
- CONCRETE STAIRS WITH HANDRAIL. REFER TO GENERAL NOTE 4 AND DETAILS ON SHEET C-514.
 - (8) 6" RISERS, (7) 1'-0" TREADS. GUARDRAIL BOTH SIDES AND HANDRAIL IN THE MIDDLE.
 - (7) 6" RISERS, (6) 1'-0" TREADS. GUARDRAIL BOTH SIDES AND HANDRAIL IN THE MIDDLE.
- CONCRETE RAMP WITH HANDRAIL. REFER TO GENERAL NOTE 4 AND DETAILS ON SHEET C-513.
- ADA PARKING SIGN. REFER TO PARKING SIGN POST DETAIL ON SHEET C-512.
 - 12"x18" RESERVED PARKING SIGN (R7-8). REFER TO RESERVED PARKING AND VAN ACCESSIBILITY SIGN DETAIL ON SHEET C-512.
 - 12"x18" RESERVED PARKING SIGN (R7-8) WITH 12"x6" VAN ACCESSIBLE SIGN (R7-8A). REFER TO RESERVED PARKING AND VAN ACCESSIBILITY SIGN DETAIL ON SHEET C-512.
- PIPE BOLLARD. REFER TO DETAIL ON SHEET C-512.
- PRE-CAST CONCRETE WHEEL STOP. REFER TO DETAIL ON SHEET C-512.
- 4" WIDE WHITE PAINTED LINE.
- 4" WIDE BLUE PAINTED LINE.
- 4" WIDE BLUE PAINTED STRIPING, 2'-0" CENTER TO CENTER AT 45° ANGLE.
- PAINTED ADA PARKING SYMBOL. REFER TO DETAIL ON SHEET C-512.
- 9'-2"x8'-5" CONCRETE EQUIPMENT PAD FOR ELECTRICAL TRANSFORMER. REFER TO DETAIL ON SHEET C-511.
- CONCRETE SLAB. MATCH EXISTING CONCRETE SLAB.
- CONCRETE CURB & GUTTER AND SEGMENTAL BLOCK WALL. MATCH EXISTING.
- BITUMINOUS OVERLAY.
- STEEL STAIRS AND HANDRAIL. REFER TO ARCHITECTURAL AND STRUCTURAL SHEETS.
- BITUMINOUS OVERLAY PAVING JOINT. REFER TO DETAIL ON SHEET C-512.
- PILE-SUPPORTED CONCRETE MAT FOUNDATION. REFER TO SHEET C-412 AND THE STRUCTURAL DRAWINGS FOR DETAILS.

FEDERAL LAW ENFORCEMENT TRAINING CENTERS

FLETC

Rev.	Date	By	Description
C	10/13/2026	RWB	REVISED PER AMENDMENT 001
B	9/8/26	RWB	RTA
A	08/10/26	RWB	FINAL DESIGN
			Mark

DEPARTMENT OF HOMELAND SECURITY
FEDERAL LAW ENFORCEMENT TRAINING CENTER
CUSTOMS & BORDER PATROL
TRADE AND CARGO ACADEMY
2000 BANBRIDGE AVE, CHARLESTON, SC

SITE LAYOUT PLAN

stv incorporated
205 WEST WELSH DRIVE
DOUGLASSVILLE, PA 19518

Designed by: TMF
Drawn by: TMF
Reviewed by: DLP
Submitted by: RWB

STV Project No.: D011751.000
Drawing code:
Drawing Scale: 1:1 (D SHEET)
Plot Scale: 1:1 (D SHEET)

Sheet Reference No.
C-111

INDEX: OF

	Date	Description	Mark
C	01/12/26	REVISED PER AMENDMENT 001	RWB
B	98226	PFA	RWB
A	08/10/26	FINAL DESIGN	RWB
			Appt.

DEPARTMENT OF HOMELAND SECURITY
FEDERAL LAW ENFORCEMENT TRAINING CENTER
CUSTOMS & BORDER PATROL
TRADE AND CARGO ACADEMY
2000 BAINBRIDGE AVE, CHARLESTON, SC

STORM DRAINAGE PROFILES

File: I:\PROJECTS\JOU\151.VVV\190.CAD\models and sheets\190.CAD\CALC-ZZ1_Plotter: 10/12/2020 8:22 PM by MAI CALVENI ; Saved: 10/12/2020 8:11 PM

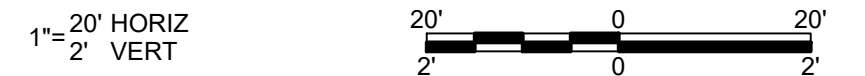
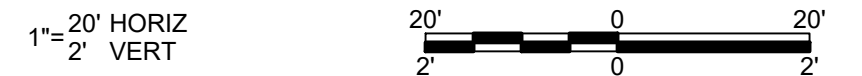
Drawn by:	TMF	Date:	10/13/2026	Rev.
Designed by:		Check by:	STV Project No. D011751.000	C
	TMF	AJT		
Reviewed by:	DLP	Drawing code:		
Submitted by:	RWB	Drawing Scale:		
				Paper scale: 1:1 (D SHEET)

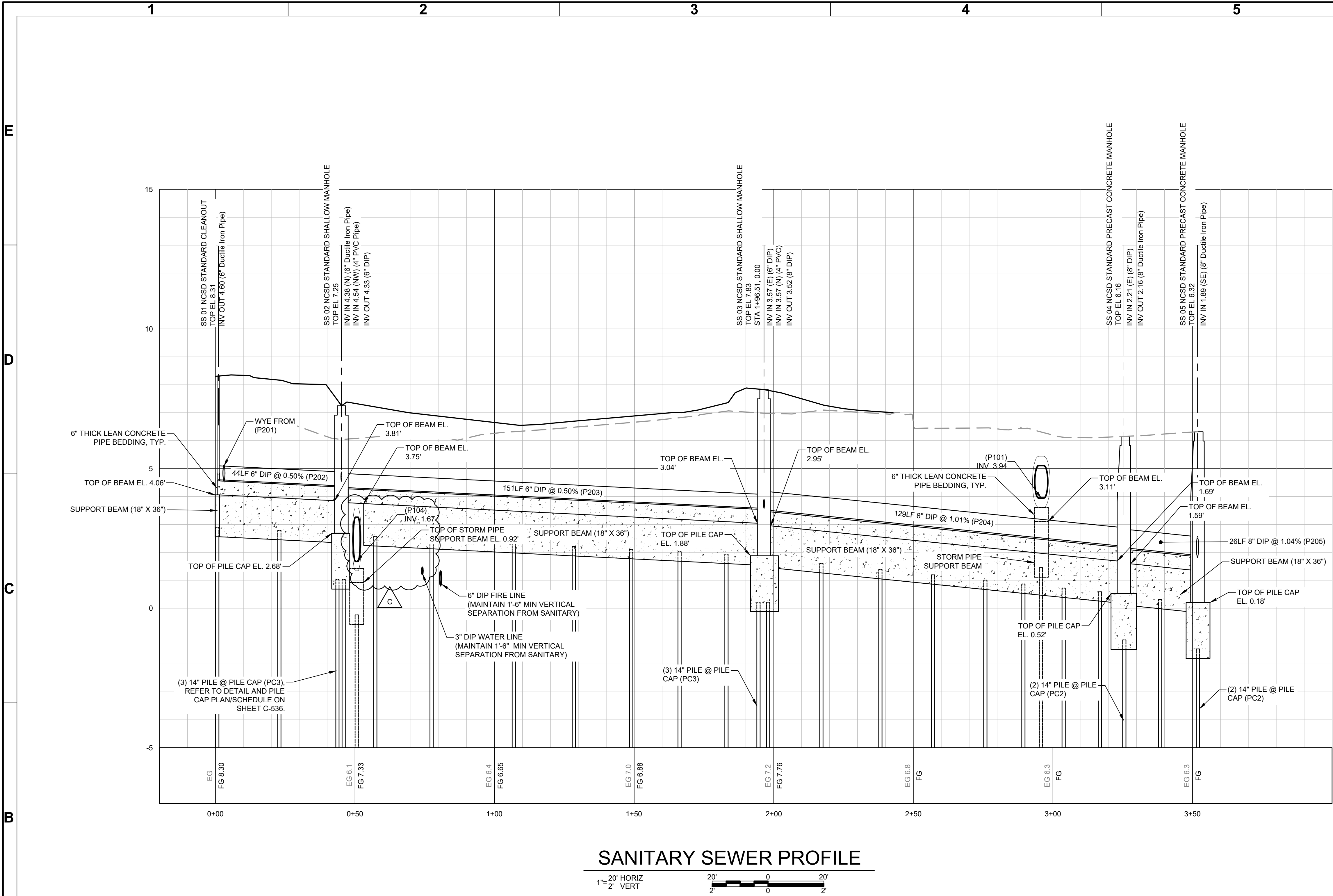
SIV Incorporated
205 WEST WELSH DRIVE
DOUGLASSVILLE, PA 19518

SEAL

Sheet
Reference No.
C-221

INDEX: OF





DEPARTMENT OF HOMELAND SECURITY
FEDERAL LAW ENFORCEMENT TRAINING CENTER
CUSTOMS & BORDER PATROL
TRADE AND CARGO ACADEMY
2000 BAINBRIDGE AVE, CHARLESTON, SC

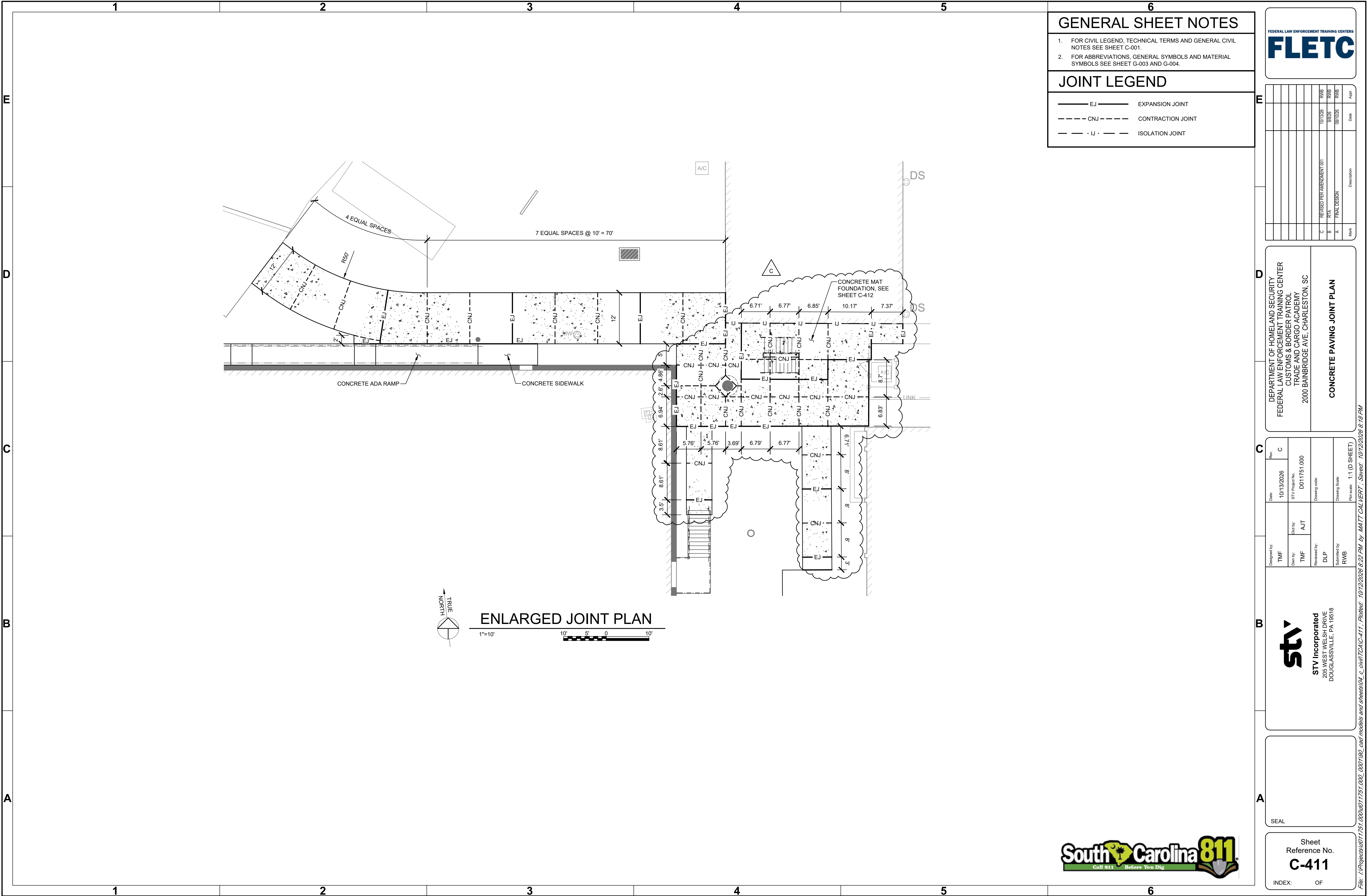
SANITARY SEWER PROFILES

Designed by:	TMF	Drawn by:	TMF	Reviewed by:	DLP	Checked by:	RWB
Date:	10/13/2026	STV Project No.:	D01751.000	Drawing code:		Drawing Scale:	1"=1' (D SHEET)

STV Incorporated
205 WEST WELSH DRIVE
DOUGLASSVILLE, PA 19518

SEAL

Sheet
Reference No.
C-231
INDEX: OF



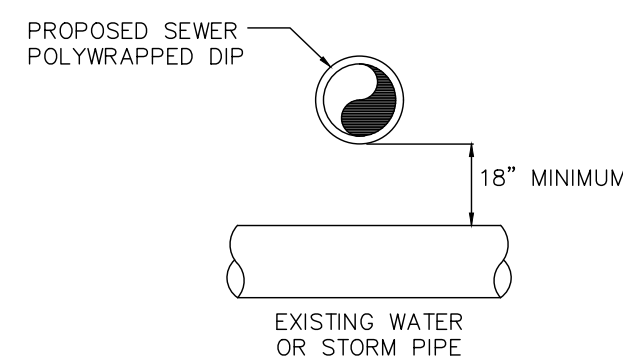
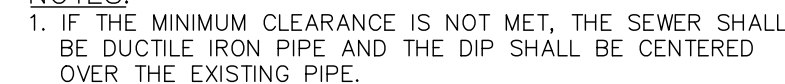


[illegible]

DEPARTMENT OF HOMELAND SECURITY
FEDERAL LAW ENFORCEMENT TRAINING CENTER
CUSTOMS & BORDER PATROL
TRADE AND CARGO ACADEMY
2000 BAINBRIDGE AVE. CHARLESTON, SC

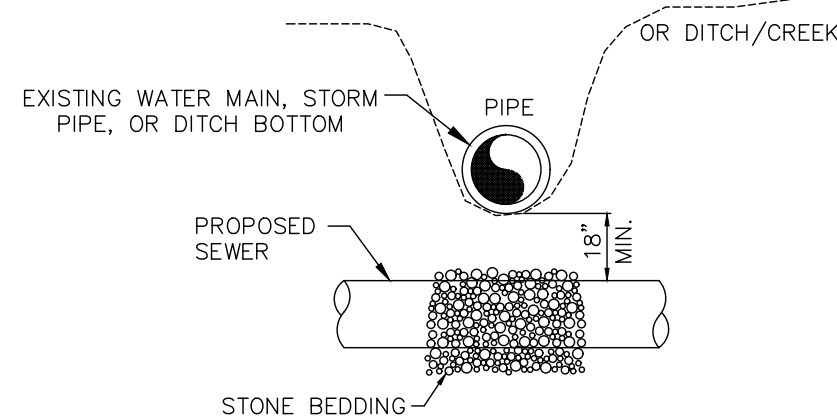
SITE UTILITIES DETAILS

File: I:\Projects\1011751 000\1011751 000 000100 card models and sheets\04 c civil\TC4C-535 - Blotterd: 10/12/2006 6:00 PM by: MATT CALVERT · Saved: 10/12/2006 5:56 PM



SEWER CROSSING OVER EXISTING PIPE

1. SOIL REPLACED UNDER THE EXISTING WATER OR STORM PIPE SHALL BE WELL COMPACTED PER APPLICABLE AGENCY STANDARDS.
2. IF CLEARANCE IS LESS THAN 18", DUCTILE IRON PIPE SHALL BE USED IN PLACE OF PVC AND THE DIP SHALL BE CENTERED UNDER THE EXISTING WATER MAIN, STORM PIPE, OR DITCH.



SEWER CROSSING UNDER EXISTING PIPE

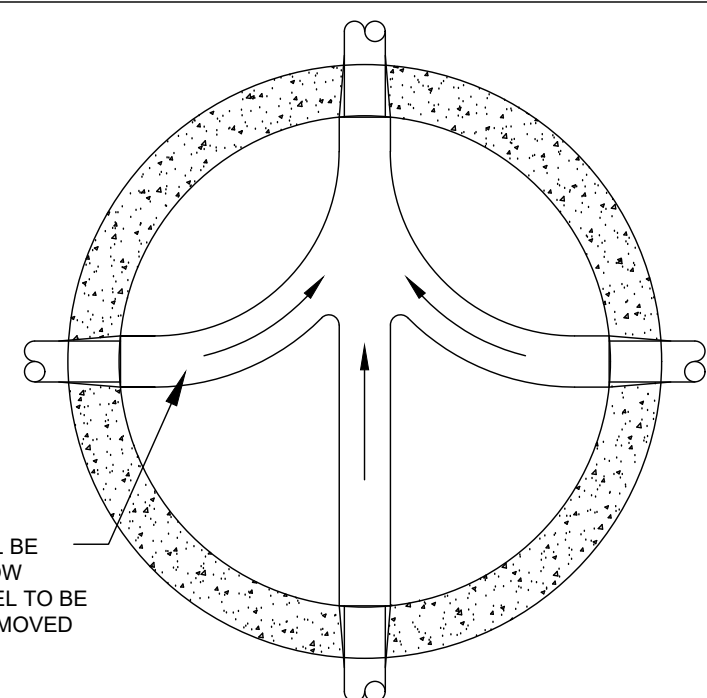
NORTH CHARLESTON
SEWER DISTRICT

7255 STALL ROAD, NORTH CHARLESTON, SC 29406
 PH: (843) 764-3072 FAX: (843) 764-2655

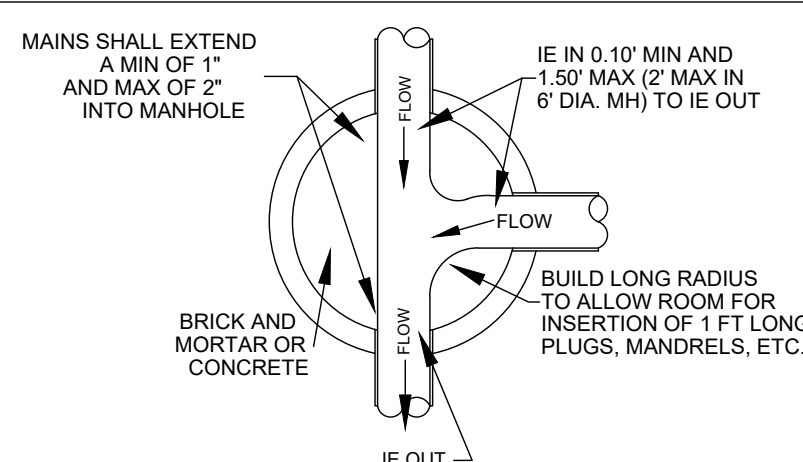
N.C.S.D. STANDARD DETAILS

SEWER CROSSING OVER/UNDER EX. PIPE

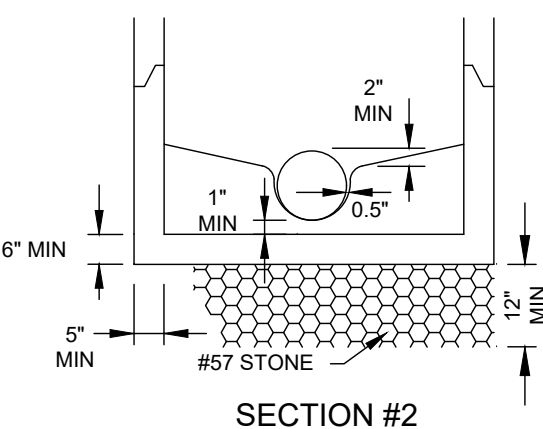
REV. DATE: 3-2-2011	DWG#: GS-015
---------------------	--------------



PLAN VIEW #1



PLAN VIEW #2



SECTION #2

NORTH CHARLESTON
SEWER DISTRICT

7255 STALL ROAD, NORTH CHARLESTON, SC 29406

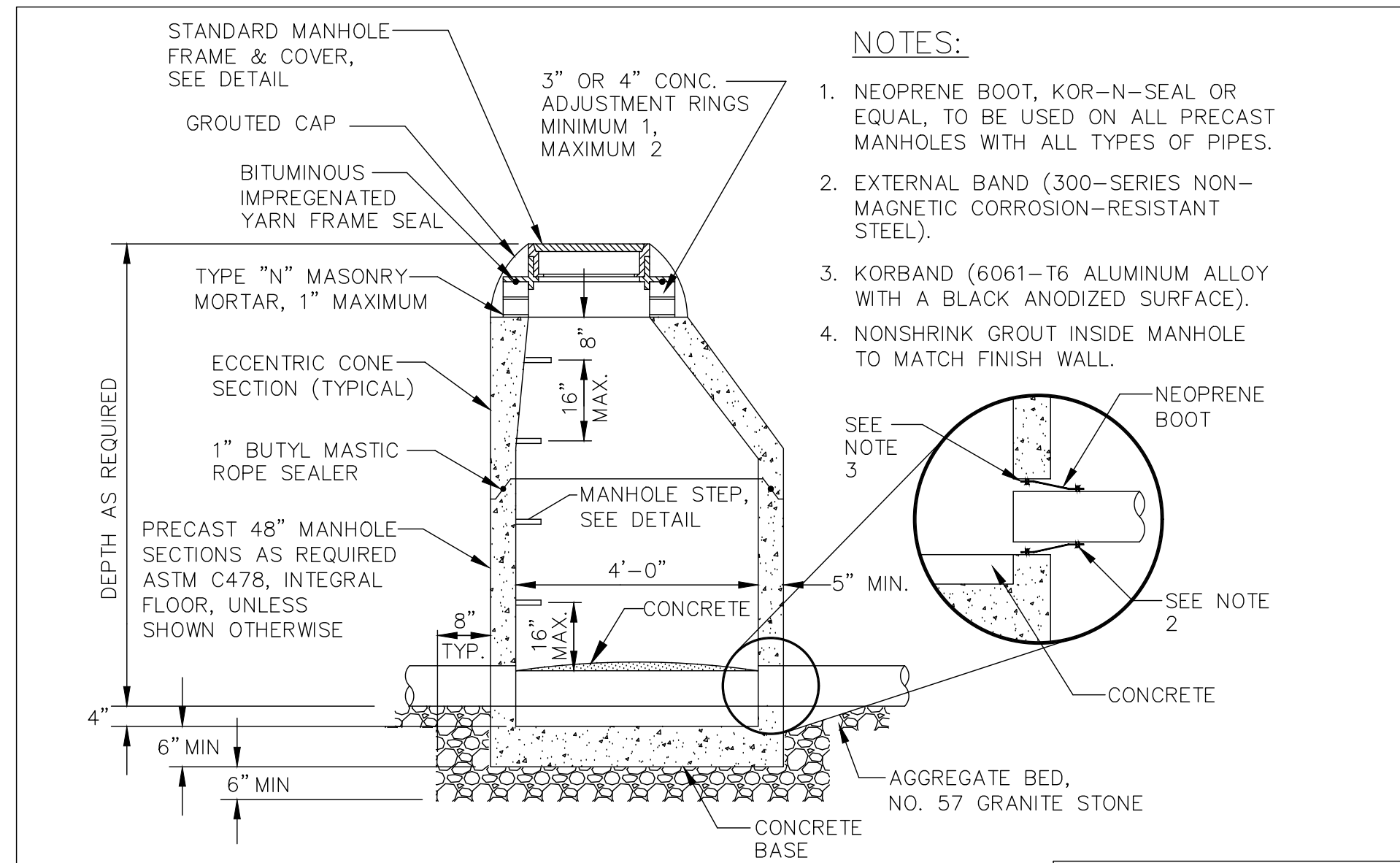
N.C.S.D. STANDARD DETAILS

MANHOLE CHANNEL & BENCH DTLS.

REV. DATE: 3-2-2011	DWG#: GS-014
---------------------	--------------

REV. DATE: 3-2-2011	DWG#: GS-014
---------------------	--------------

REV. DATE: 3-2-2011	DWG#:	GS-014
---------------------	-------	--------



STANDARD PRECAST CONCRETE MANHOLE

NOT TO SCALE

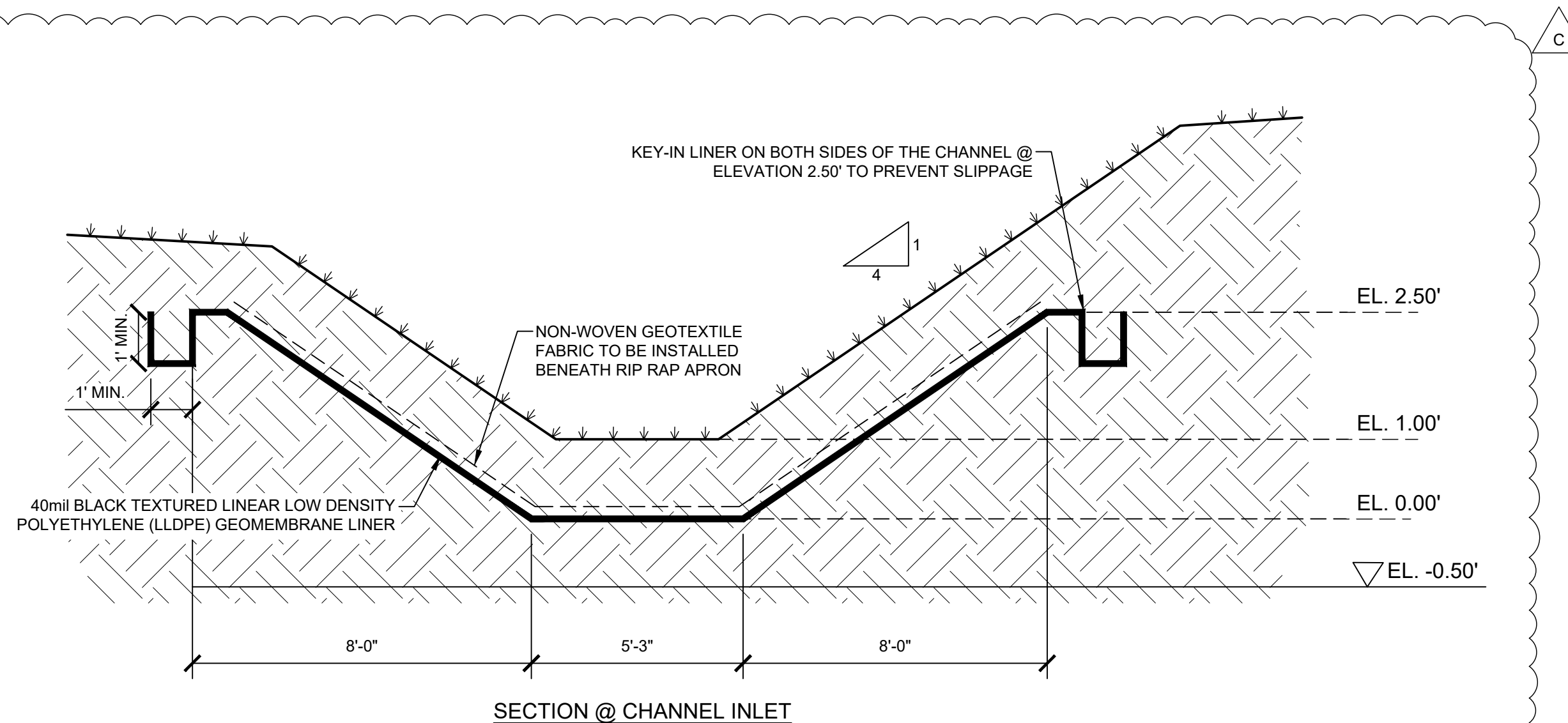
NORTH CHARLESTON
SEWER DISTRICT

7255 STALL ROAD, NORTH CHARLESTON, SC 29405
 PH: (843) 764-3070 FAX: (843) 764-2055

NCSD STANDARD DETAILS S

STANDARD PRECAST CONCRETE MANUAL

REV DATE: 3 0 2011	DWG BY: CC 001
--------------------	----------------



CHANNEL LINER INSTALLATION

NOT TO SCALE

1. CONTRACTOR TO PERFORM EARTHWORK PREPARATION AND INSTALL LINER PER MANUFACTURER'S SPECIFICATIONS.
2. LINER TO BE SITUATED ABOVE GROUNDWATER ALONG THE ENTIRE LENGTH OF THE CHANNEL. CONTRACTOR TO NOTIFY ENGINEER OF RECORD IF GROUNDWATER IS OBSERVED HIGHER THAN AN ELEVATION OF -0.50'.

st/

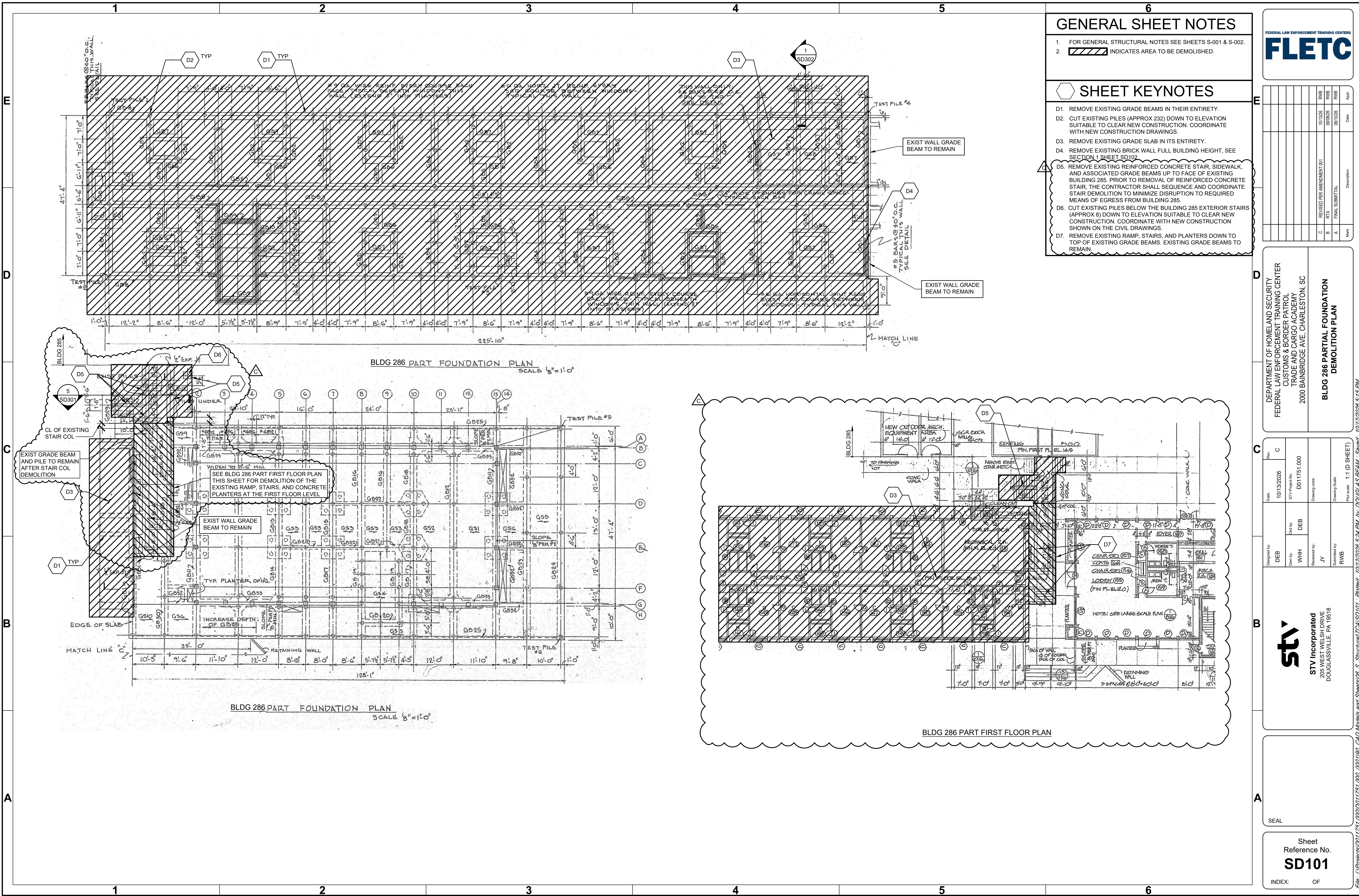
STV Incorporated
205 WEST WELSH DRIVE
DOLICLA ASSVILLE, PA 10549

STV Incorporated
205 WEST WELSH DRIVE
BOULDER, CO 80501

SEAL

Sheet
Reference No
C-535

INDEX: OF



GENERAL SHEET NOTES

- FOR GENERAL STRUCTURAL NOTES SEE SHEETS S-001 & S-002.
- INDICATES AREA TO BE DEMOLISHED.

SHEET KEYNOTES

- REMOVE EXISTING GRADE BEAMS IN THEIR ENTIRETY.
- CUT EXISTING PILES (APPROX 232) DOWN TO ELEVATION SUITABLE TO CLEAR NEW CONSTRUCTION. COORDINATE WITH NEW CONSTRUCTION DRAWINGS.
- REMOVE EXISTING GRADE SLAB IN ITS ENTIRETY.
- REMOVE EXISTING BRICK WALL FULL BUILDING HEIGHT, SEE SECTION 1 SHEET SD102
- REMOVE EXISTING REINFORCED CONCRETE STAIR, SIDEWALK, AND ASSOCIATED GRADE BEAMS UP TO FACE OF EXISTING BUILDING 285. PRIOR TO REMOVAL OF REINFORCED CONCRETE STAIR, THE CONTRACTOR SHALL SEQUENCE AND COORDINATE STAIR DEMOLITION TO MINIMIZE DISRUPTION TO REQUIRED MEANS OF EGRESS FROM BUILDING 285.
- CUT EXISTING PILES BELOW THE BUILDING 285 EXTERIOR STAIRS (APPROX 8) DOWN TO ELEVATION SUITABLE TO CLEAR NEW CONSTRUCTION. COORDINATE WITH NEW CONSTRUCTION SHOWN ON THE CIVIL DRAWINGS.
- REMOVE EXISTING RAMP, STAIRS, AND PLANTERS DOWN TO TOP OF EXISTING GRADE BEAMS. EXISTING GRADE BEAMS TO REMAIN.

FEDERAL LAW ENFORCEMENT TRAINING CENTERS
FLETC

Rev	Date	Description	Appr.
C	10/13/2026	REVISED PER AMENDMENT 001	RWB
B	09/02/26	RTA	RWB
A	08/10/25	FINAL SUBMITTAL	RWB

DEPARTMENT OF HOMELAND SECURITY
FEDERAL LAW ENFORCEMENT TRAINING CENTER
CUSTOMS & BORDER PATROL
TRADE AND CARGO ACADEMY
2000 BAINBRIDGE AVE, CHARLESTON, SC

**BLDG 286 PARTIAL FOUNDATION
DEMOLITION PLAN**

Designed by:	Drawn by:	Check by:	Date:	Rev
DEB	WHH	DEB	10/13/2026	C
STV Project No. D011751.000				
Drawing code:				
Drawing Scale:				
Plot scale: 1" = 1'-0" (1 SHEET)				

STV Incorporated
205 WEST WELSH DRIVE
DOUGLASSVILLE, PA 15016

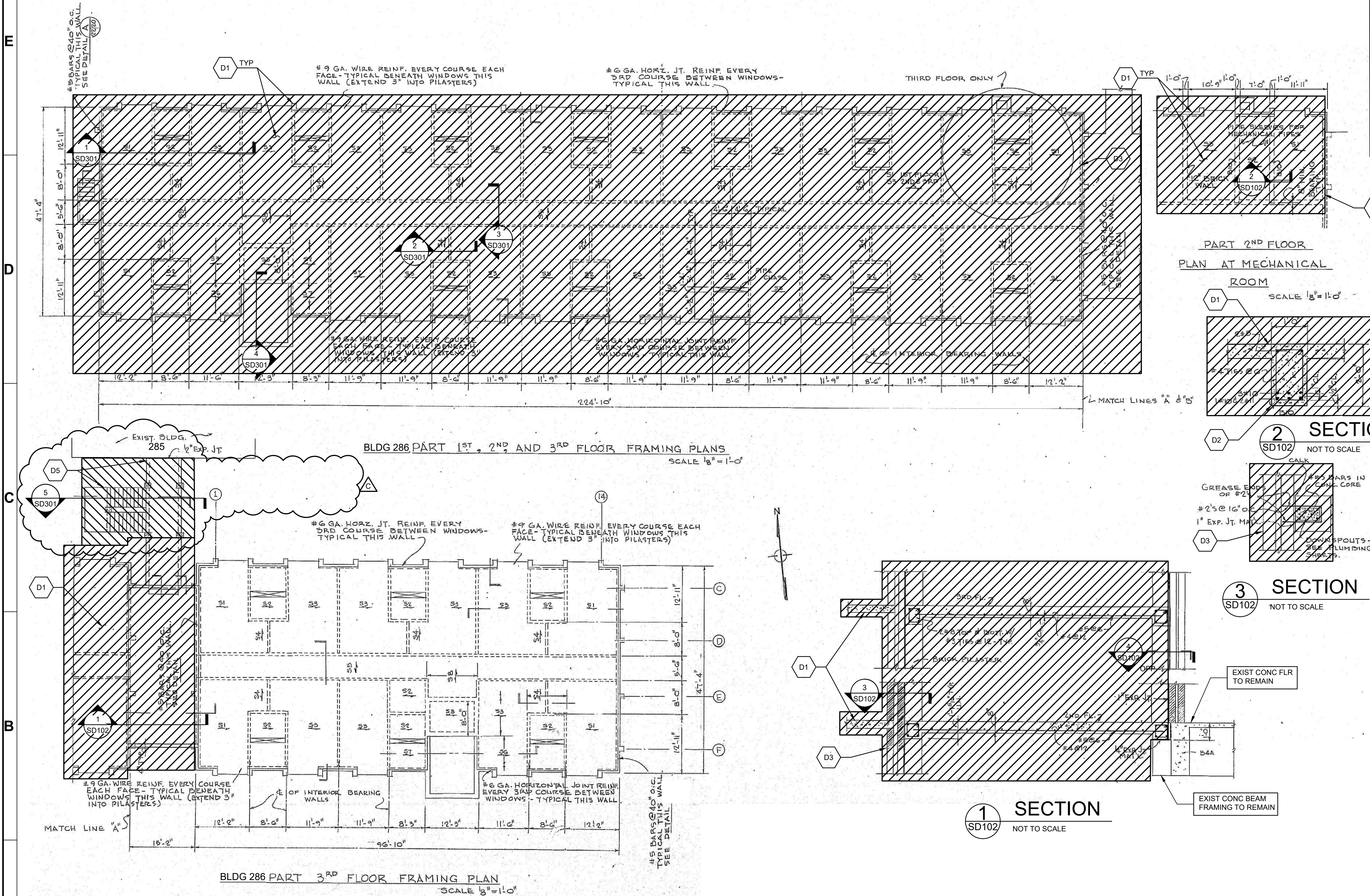
SEAL

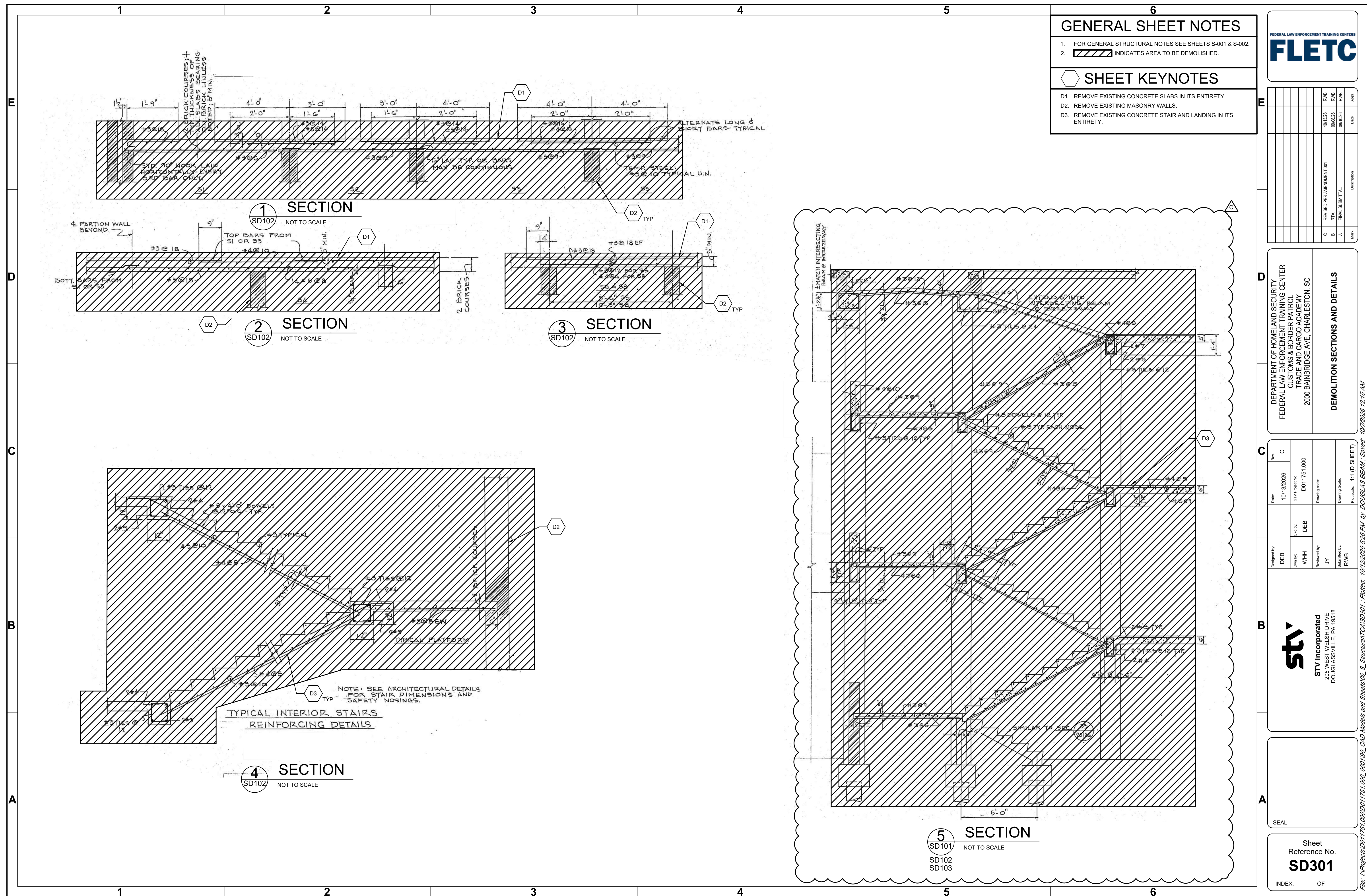
Sheet
Reference No.
SD101

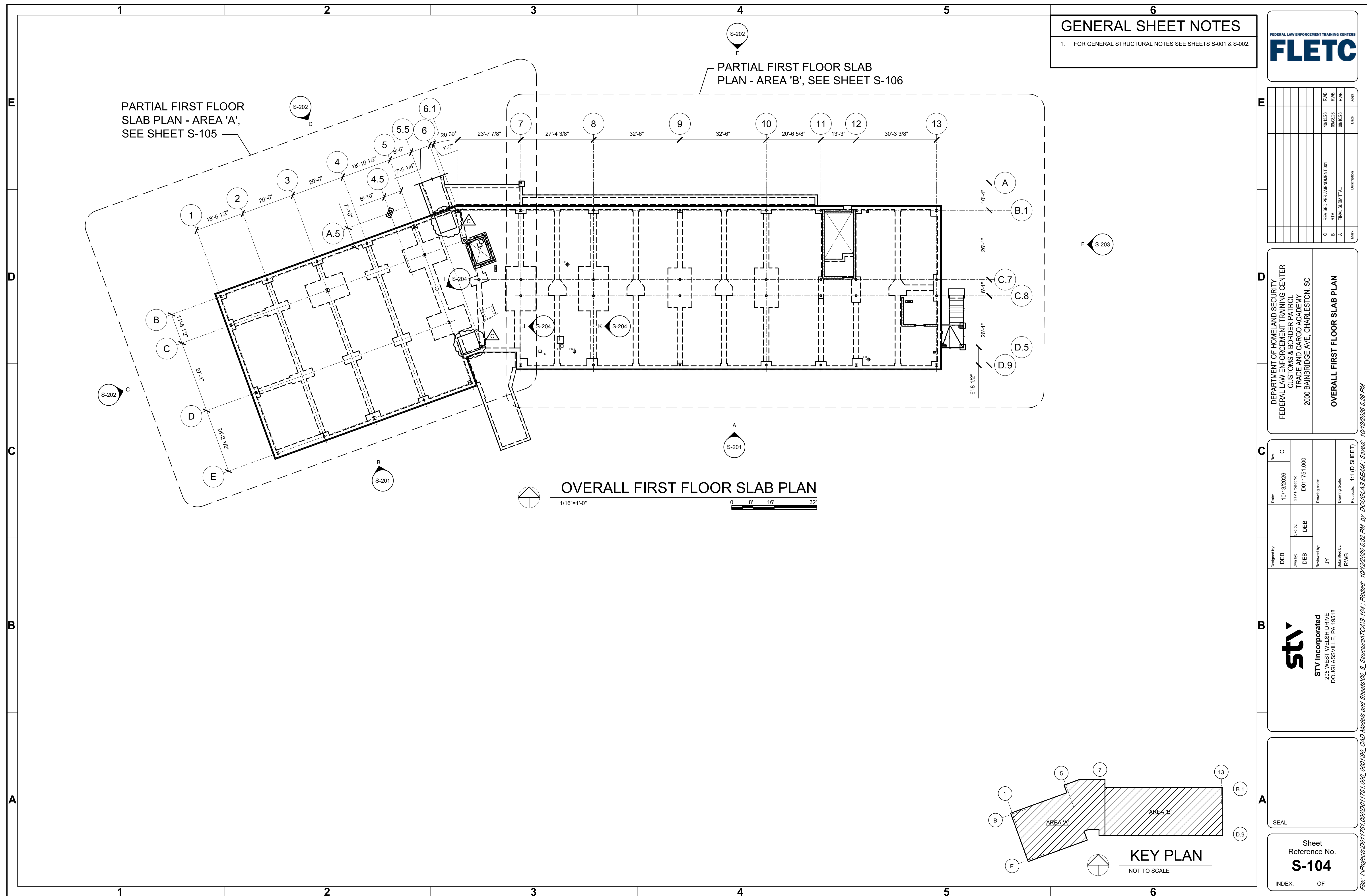
INDEX: OF

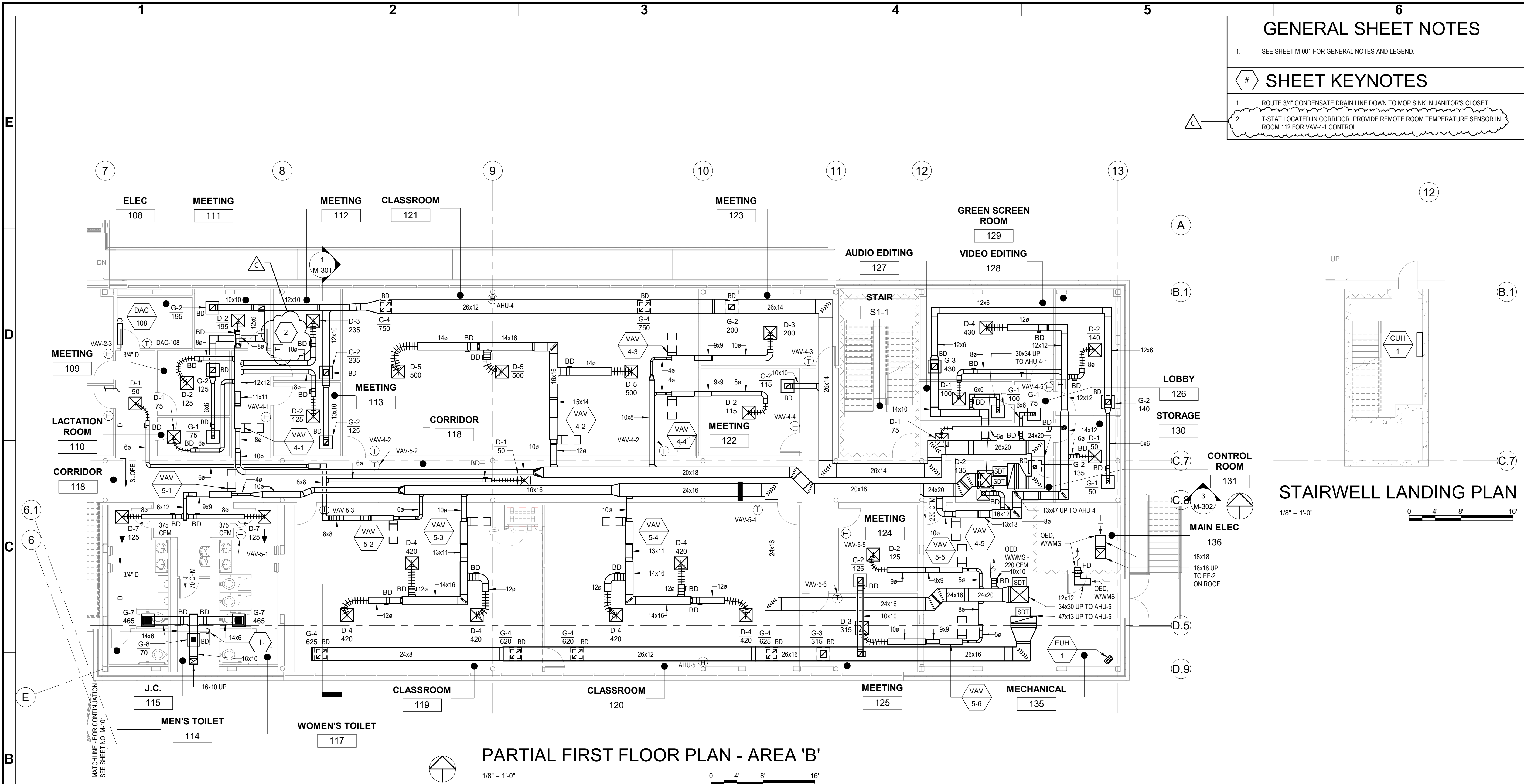
1. FOR GENERAL STRUCTURAL NOTES SEE SHEETS S-001 & S-002.
2. INDICATES AREA TO BE DEMOLISHED.

- D1. REMOVE EXISTING SLABS AND LOAD BEARING MASONRY WALLS IN THEIR ENTIRETY.
- D2. REMOVE EXISTING CONCRETE BEAMS IN THEIR ENTIRETY.
- D3. REMOVE EXISTING BRICK WALL FULL BUILDING HEIGHT, SEE SECTION 1 THIS SHEET.
- D4. REMOVE EXISTING BRICK PIER FULL BUILDING HEIGHT, EXISTING BUILDING 286 EAST WALL TO REMAIN. PATCH HOLES IN WALL TO REMAIN WITH GROUT WHERE GREASED DOWELS HAVE BEEN REMOVED. SEE SECTION 1 THIS SHEET FOR ADDITIONAL INFORMATION.
- D5. REMOVE EXISTING REINFORCED CONCRETE STAIR AND WALKWAY UP TO FACE OF EXISTING BUILDING 285.









FEDERAL LAW ENFORCEMENT TRAINING CENTERS

FLETC

Rev	Date	By	Description	Mark
C	10/13/26	WRM	REVISED PER AMENDMENT 001	
B	09/08/26	RTA	FINAL DESIGN	
A	08/10/26	RWB		

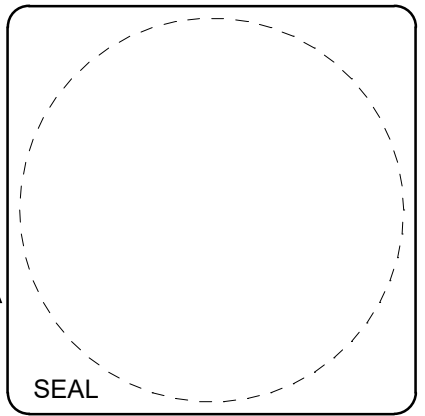
DEPARTMENT OF HOMELAND SECURITY
FEDERAL LAW ENFORCEMENT TRAINING CENTER
CUSTOMS & BORDER PATROL
TRADE AND CARGO ACADEMY
2000 BANBRIDGE AVE, CHARLESTON, SC

PARTIAL FIRST FLOOR PLAN - AREA 'B'

Rev	Date	By	Description	Mark
C	10/13/26	WRM	REVISED PER AMENDMENT 001	
B	09/08/26	RTA	FINAL DESIGN	
A	08/10/26	RWB		

stvin

STV Incorporated
205 WEST WELSH DRIVE
DOUGLASSVILLE, PA 19518

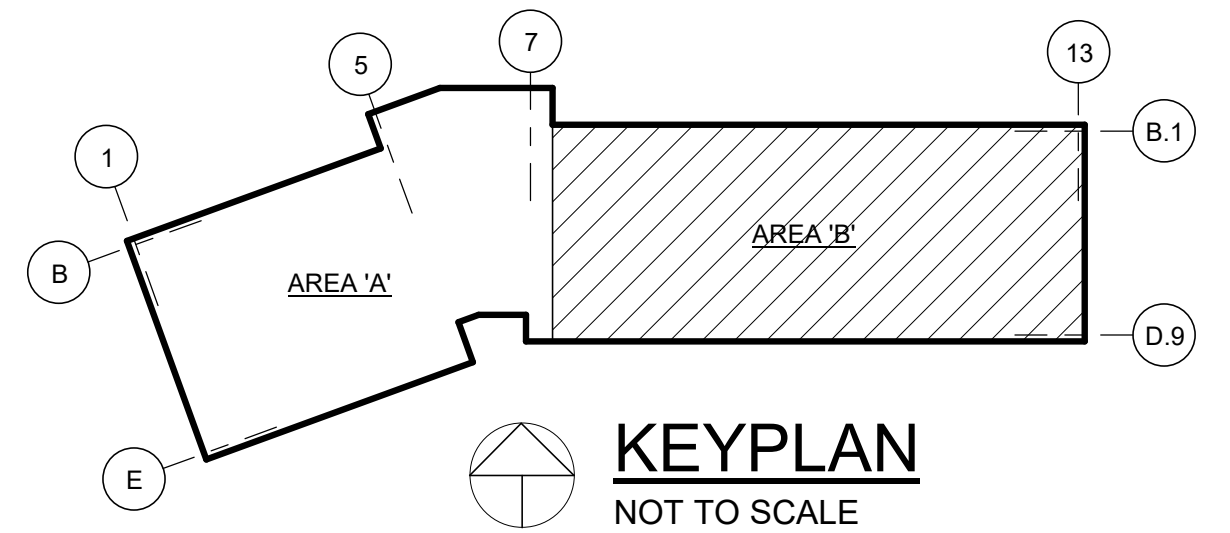


Sheet
Reference No.
M-102

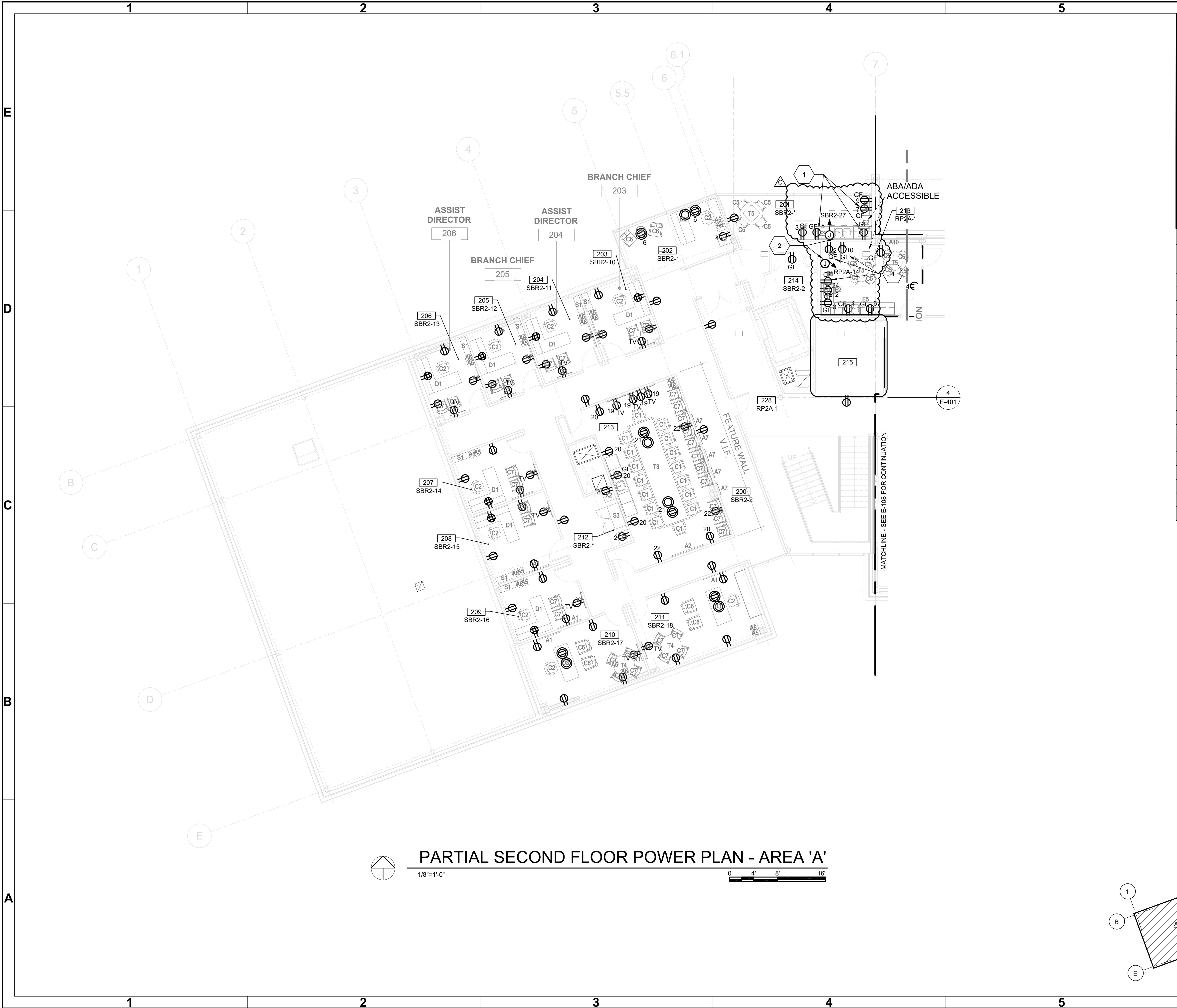
INDEX: OF 223

AHU-4 AIRFLOW TABLE							
MARK	REF. NO.	ROOM NUMBER	ROOM NAME	SUPPLY AIR CFM	RETURN AIR CFM	EXHAUST AIR CFM	EXFILTRATION AIR CFM
VAV	4-1	109	MEETING	125	125		
		110	LACTATION ROOM	75	75		
		111	MEETING	195	195		
		112	MEETING	235	235		
		113	MEETING	125	125		
VAV	4-2	121	CLASSROOM	1500	1500		
VAV	4-3	123	MEETING	200	200		
VAV	4-4	122	MEETING	115	115		
VAV	4-5	126	LOBBY	75	75		
		127	AUDIO EDITING	100	100		
		128	VIDEO EDITING	430	430		
		129	GREEN SCREEN ROOM	140	140		
		130	STORAGE	50	50		
		131	CONTROL ROOM	135	135		
AHU TOTALS				3500	3500		

AHU-5 AIRFLOW TABLE							
MARK	REF. NO.	ROOM NUMBER	ROOM NAME	SUPPLY AIR CFM	RETURN AIR CFM	EXHAUST AIR CFM	TRANSFER AIR CFM
VAV	5-1	114	MENS TOILET	125	-	465	375
VAV	5-2	117	WOMENS TOILET	125	-	465	375
VAV	5-3	118	CORRIDOR	100	-	-	100
VAV	5-4	119	CLASSROOM	1245	1245	-	-
VAV	5-5	124	MEETING	125	125	-	-
VAV	5-6	125	MEETING	315	315	-	-
OED	-	135	MECHANICAL ROOM	220	-	220	230
AHU TOTALS				3500	2930	1150	1080



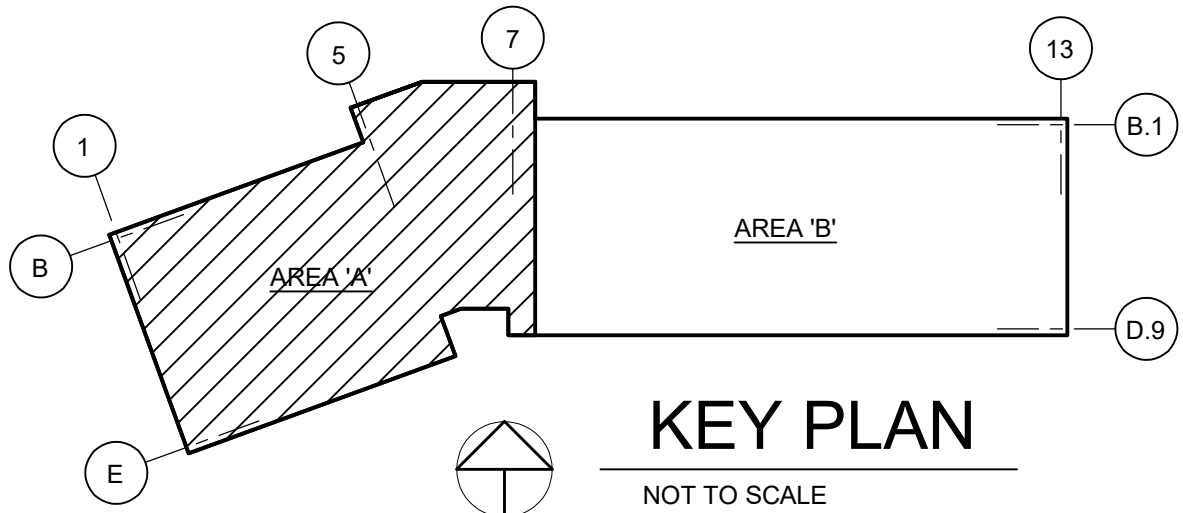




PARTIAL SECOND FLOOR POWER PLAN - AREA 'A'

1/8"=1'-0"

0 4' 8' 16'



KEY PLAN

NOT TO SCALE

GENERAL NOTES

- FOR ELECTRICAL LEGEND & GENERAL NOTES SEE SHEET E-001.
- FOR SINGLE LINE DIAGRAM SEE SHEET E-601.
- FOR PANEL SCHEDULES SEE SHEETS E-701 THRU E-704.
- ALL LOCATIONS OF RECEPTACLES SHALL BE COORDINATED WITH FINAL FURNITURE SELECTIONS AND ARRANGEMENT PRIOR TO ROUGH-IN.
- ALL DISCONNECT SWITCHES ON THE ROOF SHALL BE IN NEMA 4X ENCLOSURE.

SHEET KEYNOTES

- MOUNT RECEPTACLE 8" ABOVE COUNTERTOP.
- MOUNT JUNCTION BOX 1'-6" AFF FOR DISHWASHER.

ROOM SCHEDULE

ROOM NO	ROOM DESCRIPTION	RACEWAY ROUTING	REMARKS
200	CORRIDOR	C	
201	KITCHENETTE	C	
202	ADMIN/WAITING	C	
203	BRANCH CHIEF	C	
204	ASSIST DIRECTOR	C	
205	BRANCH CHIEF	C	
206	ASSIST DIRECTOR	C	
207	ASSIST DIRECTOR	C	
208	BRANCH CHIEF	C	
209	ASSIST DIRECTOR	C	
210	DIRECTOR	C	
211	DEPUTY DIRECTOR	C	
212	PRINT	C	
213	MEETING	C	
214	UNISEX TOILET	C	
215	TELECOM	CW	
216	BREAK ROOM	C	
228	CORRIDOR	C	

FEDERAL LAW ENFORCEMENT TRAINING CENTERS
FLETC

#	Description	Mark	Date	Appr.
1	REV IN ACCORDANCE WITH REVISION NO. 001	RWB	10/13/26	
2	RTA	RWB	9/8/26	
3	FINAL DESIGN	RWB	09/10/26	

DEPARTMENT OF HOMELAND SECURITY
FEDERAL LAW ENFORCEMENT TRAINING CENTER
CUSTOMS & BORDER PATROL
TRADE AND CARGO ACADEMY
2000 BAINBRIDGE AVE, CHARLESTON, SC

PARTIAL SECOND FLOOR
POWER PLAN - AREA 'A'



STV Incorporated

205 WEST WELSH DRIVE

DOUGLASSVILLE, PA 19516

Designed by:	Date:	Rev:
AS	9/8/2026	B
Drawn by:	STV Project No.	
SED	Cad by:	D011751.000
Reviewed by:	Drawing code:	
IDS		
Examined by:	Drawing Scale:	
RWB		
	Plot scale:	1"=1' (D SHEET)

stv
STV Incorporated
205 WEST WELSH DRIVE
DOUGLASSVILLE, PA 19518

SEAL

Sheet
Reference No.
E-107

INDEX: OF