SUBSET 03 - STATIONS AND SAGA BRIDGE
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
FCI-501	GREEN'S FARMS STATION	FCI-570	NOROTON HEIGHTS STATION SHEET 1 OF 2
FCI-502	GREEN'S FARMS STATION CAMERA SCHEDULE	FCI-571	NOROTON HEIGHTS STATION SHEET 2 OF 2
FCI-503	GREEN'S FARMS STATION DEVICE CONNECTIVITY	FCI-572	NOROTON HEIGHTS STATION CAMERA SCHEDULE
FCI-504	GREEN'S FARMS STATION POWER DISTRIBUTION	FCI-573	NOROTON HEIGHTS STATION DEVICE CONNECTIVITY
FCI-510	SAGA BRIDGE	FCI-574	NOROTON HEIGHTS STATION POWER DISTRIBUTION
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FCI-512	SAGA BRIDGE DEVICE CONNECTIVITY SHEET 1 OF 2	FCI-581	CCO SHOP ROOM 442A FIT-OUT
FCI-513	SAGA BRIDGE DEVICE CONNECTIVITY SHEET 2 OF 2	FCI-582	CCO SHOP ROOM 442A FIT-OUT ELEVATIONS
FCI-514	SAGA BRIDGE STATION POWER DISTRIBUTION	FCI-583	CCO ROOM 442A VIDEO WALL AND CONSOLE SYSTEM BLOCK DIAGRAM
FCI-515	SAGA BRIDGE AERIAL PLAN	FCI-584	CCO SHOP ROOM 442A ELECTRICAL LAYOUT PLAN
FCI-520	WESTPORT STATION SHEET 1 OF 2	FCI-585	CCO SHOP ROOM FOURTH FLOOR PLAN
FCI-521	WESTPORT STATION SHEET 2 OF 2	FCI-586	CCO SHOP ROOM 442A ELECTRICAL PANEL SCHEDULE
FCI-522	WESTPORT STATION CAMERA SCHEDULE	FCI-587	CCO SHOP ROOM 425 EXISTING PLAN
FCI-523	WESTPORT STATION DEVICE CONNECTIVITY	FCI-588	CCO SHOP ROOM 425 RELOCATION/REMOVAL PLAN
FCI-524	WESTPORT STATION POWER DISTRIBUTION	FCI-589	CCO SHOP ROOM 425 NEW PLAN
FCI-525	WESTPORT STATION CUSTODIAN OFFICE	FCI-590	CCO SHOP ROOM 442A RAISED FLOOR PLAN
FCI-540	SOUTH NORWALK STATION SHEET 1 OF 2	FCI-591	CCO SHOP ROOM 442A RAISED FLOOR DETAIL
FCI-541	SOUTH NORWALK STATION SHEET 2 OF 2	FCI-592	CCO SHOP GPS ANTENNA DETAIL
FCI-543	SOUTH NORWALK STATION CAMERA SCHEDULE	FCI-593	NEW SECURITY NODE HOUSE COMMUNICATIONS PLAN
FCI-544	SOUTH NORWALK STATION DEVICE CONNECTIVITY	FCI-594	CCO SHOP ROOM 442A CABLE TRAY PLAN
FCI-545	SOUTH NORWALK STATION POWER DISTRIBUTION		
FCI-550	ROWAYTON STATION SHEET 1 OF 2		
FCI-551	ROWAYTON STATION SHEET 2 OF 2		
FCI-552	ROWAYTON STATION CAMERA SCHEDULE		
FCI-553	ROWAYTON STATION DEVICE CONNECTIVITY		
FCI-554	ROWAYTON STATION POWER DISTRIBUTION		

DESIGNED BY:
STV INCORPORATED
185 PLAINS ROAD, SUITE 208E
MILFORD, CT 06461

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

Jim Sherwonit
2019.06.28
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REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/11/2019

DESIGNER/DRAFTER: MC
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STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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SIGNATURE/BLOCK:

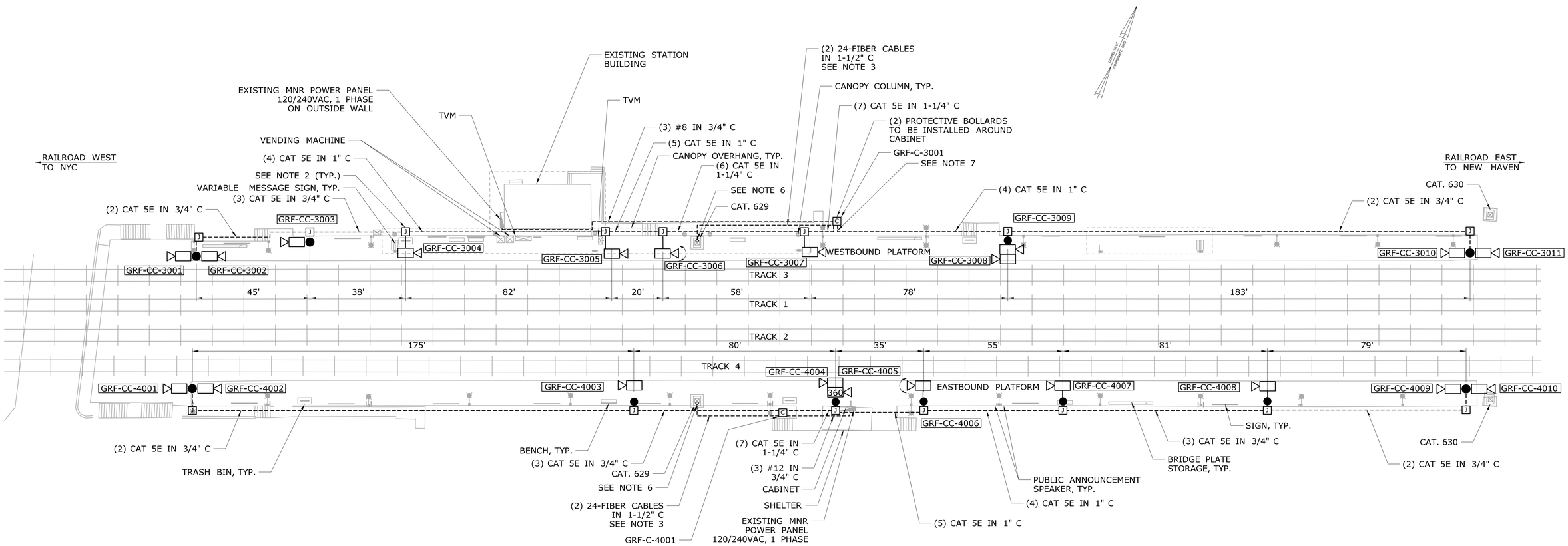
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY
NEW HAVEN LINE
PHASE 3

TOWN: STAMFORD TO WESTPORT

DRAWING TITLE: STATIONS AND SAGA BRIDGE INDEX OF DRAWINGS

PROJECT NO. 0300-0202
DRAWING NO. IN-003
SHEET NO. 03.01



NOTES:

1. SEE DWG G-002 FOR GENERAL NOTES.
   SEE DWG G-003 FOR ABBREVIATIONS AND LEGEND.
2. TRANSITION CONDUIT FROM UNDER PLATFORM TO CANOPY AT CANOPY COLUMN.
3. REFER TO DRAWING NO. FCI-620 FOR FIBER DROP SCHEMATIC AND ADDITIONAL DETAILS.
4. CONDUIT ON THIS SHEET SHALL RUN UNDER PLATFORM UNLESS OTHERWISE NOTED.
5. SEE DWG. FCI-502 FOR CAMERA SCHEDULE.
6. 1-1/2" PVCC CONTINUES UP CAT. STRUCTURE. REFER TO DWG. FCI-711 FOR CONDUIT ATTACHMENT DETAILS. PROVIDE 1-1/2" PVCC ACROSS CAT. 629. SEE DETAIL X-2 ON DWG. FCI-712.
7. TRENCH CONDUIT BETWEEN CCTV CABINET GRF-C-3001 AND PLATFORM.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/MC

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SCALE IN FEET 0 20 40

SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-501_CNS_SHEET_0300-0202.dgn

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STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **GREEN'S FARMS STATION**

PROJECT NO. **0300-0202**

DRAWING NO. **FCI-501**

SHEET NO. **03.02**

CAMERA NUMBER	DESCRIPTION	CAMERA TYPE	MOUNTING TYPE	MOUNTING DETAIL	MOUNTING HEIGHT (SEE NOTE 3)	DOME COVER	LENS	CCTV CABINET	NOTES
GRF-CC-3001	WESTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	3-9mm	GRF-C-3001	POLE SHARED WITH GRF-CC-3002
GRF-CC-3002	WESTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	SMOKED	3-9mm	GRF-C-3001	POLE SHARED WITH GRF-CC-3001
GRF-CC-3003	WESTBOUND PLATFORM	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	SMOKED	3-9mm	GRF-C-3001	STAIRCASE. SEE NOTE 4
GRF-CC-3004	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	GRF-C-3001	
GRF-CC-3005	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	GRF-C-3001	
GRF-CC-3006	WESTBOUND PLATFORM	PTZ	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	4.4-132mm	GRF-C-3001	
GRF-CC-3007	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	GRF-C-3001	
GRF-CC-3008	WESTBOUND PLATFORM	FIXED	POLE TYPE C	FCI-660, DETAIL 2	8'-6"	SMOKED	3-9mm	GRF-C-3001	POLE SHARED WITH GRF-CC-3009
GRF-CC-3009	WESTBOUND PLATFORM	FIXED	POLE TYPE C	FCI-660, DETAIL 2	8'-6"	SMOKED	3-9mm	GRF-C-3001	POLE SHARED WITH GRF-CC-3008
GRF-CC-3010	WESTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	SMOKED	3-9mm	GRF-C-3001	POLE SHARED WITH GRF-CC-3011
GRF-CC-3011	WESTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	3-9mm	GRF-C-3001	POLE SHARED WITH GRF-CC-3010
GRF-CC-4001	EASTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	3-9mm	GRF-C-4001	POLE SHARED WITH GRF-CC-4002
GRF-CC-4002	EASTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	SMOKED	3-9mm	GRF-C-4001	POLE SHARED WITH GRF-CC-4001
GRF-CC-4003	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	GRF-C-4001	
GRF-CC-4004	EASTBOUND PLATFORM	FIXED	POLE TYPE C	FCI-660, DETAIL 2	8'-6"	SMOKED	3-9mm	GRF-C-4001	POLE SHARED WITH GRF-CC-4005
GRF-CC-4005	EASTBOUND PLATFORM	360	POLE TYPE C	FCI-660, DETAIL 2	8'-6"	CLEAR	1.342mm	GRF-C-4001	POLE SHARED WITH GRF-CC-4004
GRF-CC-4006	EASTBOUND PLATFORM	PTZ	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	4.4-132mm	GRF-C-4001	
GRF-CC-4007	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	GRF-C-4001	
GRF-CC-4008	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	GRF-C-4001	
GRF-CC-4009	EASTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	SMOKED	3-9mm	GRF-C-4001	POLE SHARED WITH GRF-CC-4010
GRF-CC-4010	EASTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	3-9mm	GRF-C-4001	POLE SHARED WITH GRF-CC-4009

NOTES:

1. SEE DWG. FCI-501 FOR DEVICE LAYOUT.
2. SEE DWG. FCI-503 FOR STATION DEVICE CONNECTIVITY DIAGRAM.
3. MOUNTING HEIGHTS ARE APPROXIMATE AND SHALL BE COORDINATED WITH EXISTING FIELD CONDITIONS AND PRE-INSTALLATION FIELD-OF-VIEW SURVEYS BY THE CONTRACTOR.
4. POLE LOCATION VARIES FROM DETAIL LISTED. ALL OTHER ELEMENTS OF THE DETAIL SHALL APPLY. MOUNT POLE TOWARDS BACK EDGE OF PLATFORM AS SHOWN ON DWG. FCI-501.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/11/2019

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STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

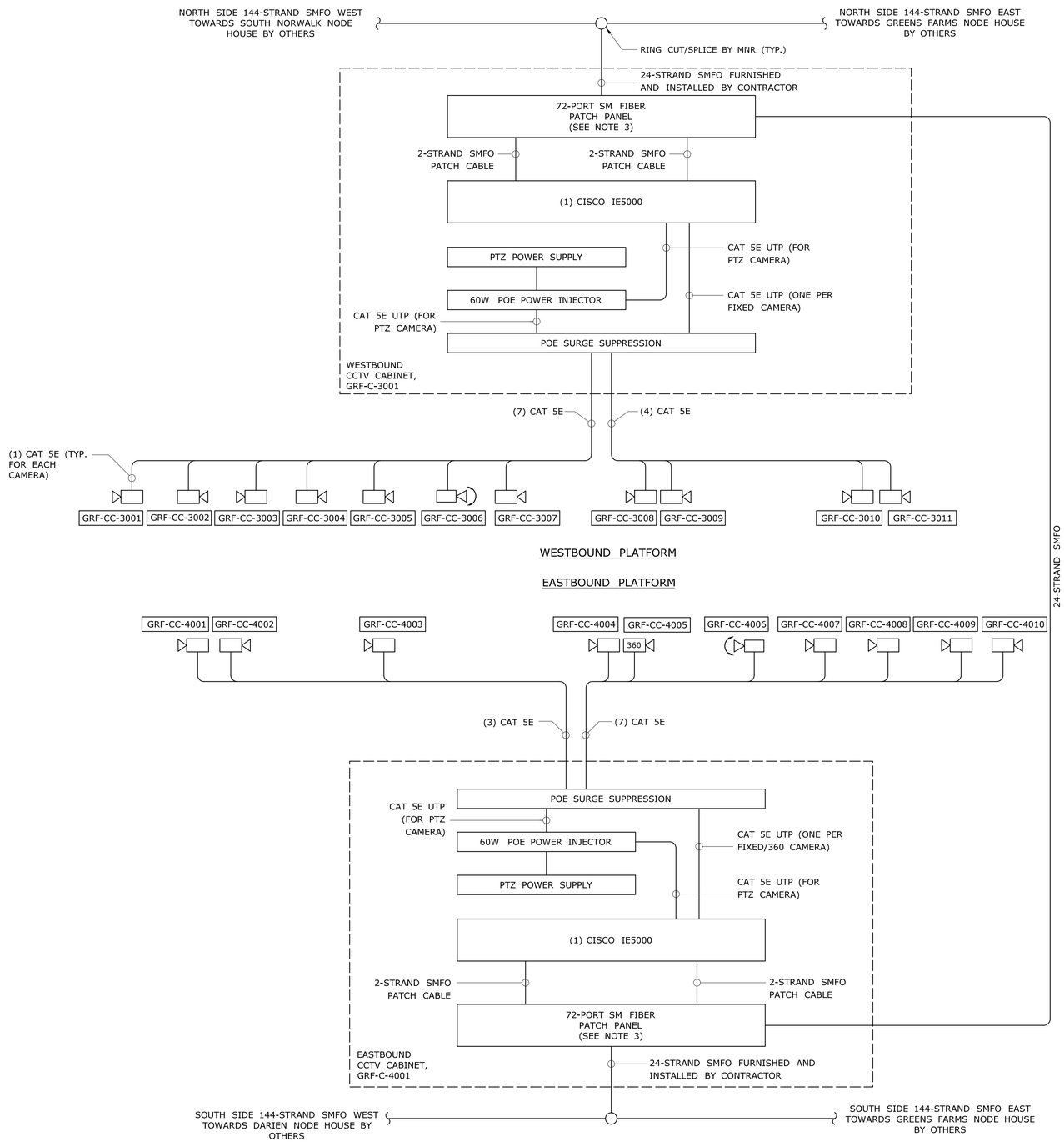
TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **GREEN'S FARMS STATION CAMERA SCHEDULE**

PROJECT NO. **0300-0202**

DRAWING NO. **FCI-502**

SHEET NO. **03.03**



NOTES:

1. SEE DWG. FCI-601 FOR BACKBONE FIBER ARCHITECTURE.
2. SEE DWG. FCI-501 FOR DEVICE LAYOUT.
3. FURNISH SMFO PATCH CABLES REQUIRED FOR COMPLETE SYSTEM CONNECTIVITY.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/21/2019

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185 Plains Road
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Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **GREEN'S FARMS STATION DEVICE CONNECTIVITY**

PROJECT NO. 0300-0202

DRAWING NO. FCI-503

SHEET NO. 03.04

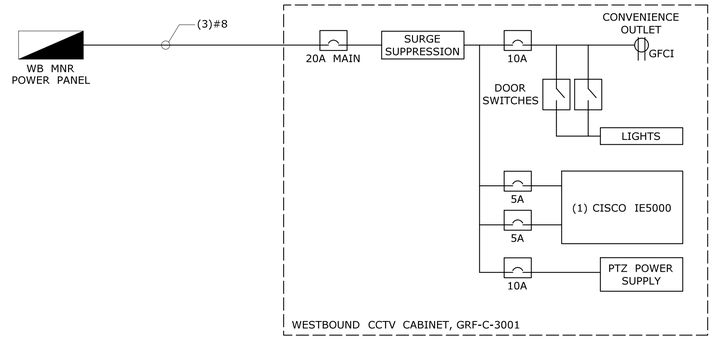
NOTES:

1. FURNISH AND INSTALL NEW 20A BREAKER. BREAKER SHALL BE OF SAME TYPE AND AIC RATING AS EXISTING BREAKERS.

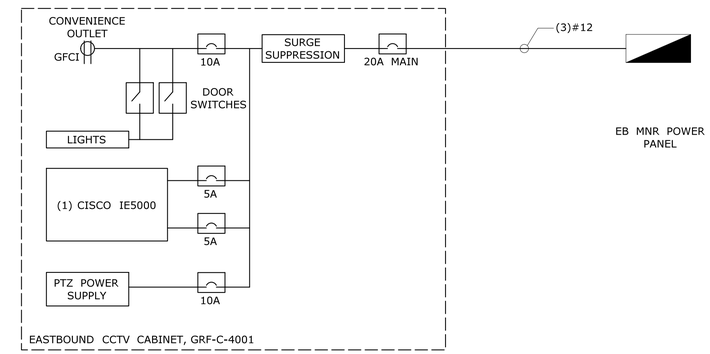
EXISTING MNR POWER PANEL
WESTBOUND GREEN'S FARMS STATION

SERVICE	TRIP	CKT	CKT	TRIP	SERVICE
MAIN	100	1	2		SPACE
	100	3	4		SPACE
EXISTING	20	5	6	20	EXISTING
EXISTING	20	7	8	20	EXISTING
EXISTING	20	9	10	20	DLC
ADA	20	11	12	20	DLC
SEE NOTE 1 → **WESTBOUND CCTV CABINET**	**20**	**13**	14		
SPACE		15	16		
SPACE		17	18		
SPACE		19	20		
SPACE		21	22		
SPACE		23	24		

120/240VAC, 1 PHASE, 3 WIRE
FED FROM: UTILITY POWER
MAIN BREAKER: MAIN LUG PANEL
LOCATION: OUTSIDE WALL OF COFFEE SHOP BUILDING



WESTBOUND PLATFORM



EASTBOUND PLATFORM

EXISTING MNR POWER PANEL
EASTBOUND GREEN'S FARMS STATION

SERVICE	TRIP	CKT	CKT	TRIP	SERVICE
PLATFORM PLUGS	20	1	2	20	PLATFORM PLUGS
ELECTRIC EYE	20	3	4	20	EXISTING
EXISTING	20	5	6	20	EXISTING
SEE NOTE 1 → **EASTBOUND CCTV CABINET**	**20**	**7**	8		SPACE
SPACE		9	10		SPACE
SPACE		11	12		SPACE
SPACE		13	14		SPACE
SPACE		15	16		SPACE
SPACE		17	18		SPACE
SPACE		19	20		SPACE
SPACE		21	22		SPACE
PLATFORM LIGHTS	20	23	24	20	PLATFORM LIGHTS
PLATFORM LIGHTS	20	25	26	20	PLATFORM LIGHTS
PLATFORM LIGHTS	20	27	28	20	EXISTING
PLATFORM LIGHTS	20	29	30	20	EXISTING
PLATFORM LIGHTS	20	31	32	20	EXISTING
PLATFORM LIGHTS	20	33	34	20	EXISTING
PLATFORM LIGHTS	20	35	36	20	EXISTING
EXISTING	20	37	38	20	EXISTING
EXISTING	20	39	40	20	EXISTING
SPACE		41	42		SPACE

120/240VAC, 1 PHASE, 3 WIRE
FED FROM: UTILITY POWER/100A DISCONNECT
MAIN BREAKER: MAIN LUG PANEL
LOCATION: MIDDLE OF EASTBOUND PLATFORM UNDER SHED

1 FCI-504 **GREEN'S FARMS STATION POWER PANEL SCHEDULES**
NOT TO SCALE

2 FCI-504 **GREEN'S FARMS STATION POWER DISTRIBUTION**
NOT TO SCALE

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/11/2019

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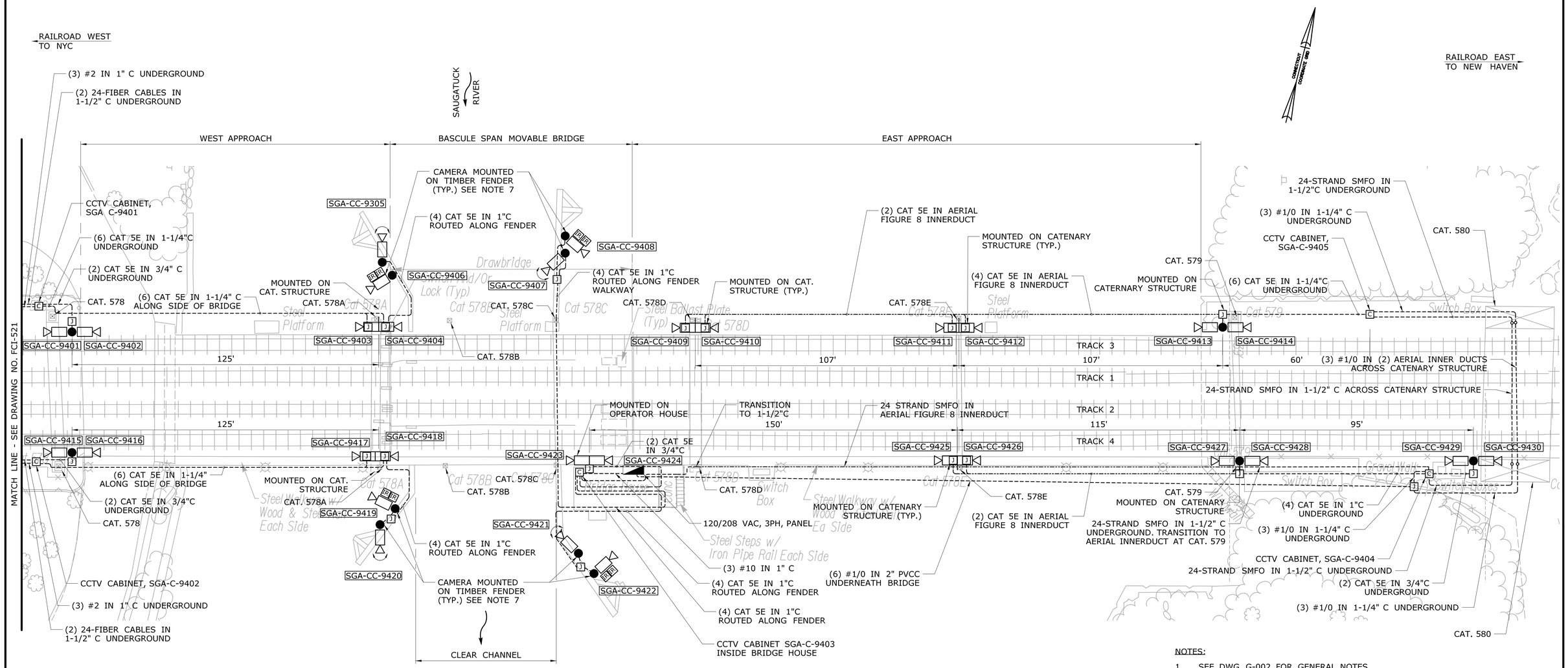
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **GREEN'S FARMS STATION POWER DISTRIBUTION**

PROJECT NO. 0300-0202
DRAWING NO. FCI-504
SHEET NO. 03.05



NOTES:

1. SEE DWG G-002 FOR GENERAL NOTES. SEE DWG G-003 FOR ABBREVIATIONS AND LEGEND.
2. DO NOT ATTACH ANY ITEMS TO THE MOVEABLE SECTION OF THE BRIDGE.
3. INSTALL (2) IR ILLUMINATORS ABOVE EVERY FIXED CAMERA MOUNTED ON FENDERS. IR ILLUMINATORS SHALL BE 940 NM.
4. ALL CONDUITS SHALL BE PVC COATED RGS UNLESS OTHERWISE NOTED. ALL FITTINGS SHALL BE GASKETTED AND WATER TIGHT.
5. SEE DRAWING NO. FCI-515 FOR AERIAL ROUTING PLAN AND CATENARY STRUCTURE ATTACHMENT DETAILS.
6. REFER TO DRAWING NO. FCI-621 AND FCI-622 FOR FIBER DROP SCHEMATICS.
7. SEE DWG. NO. FCI-668 FOR ATTACHMENT DETAILS.
8. PTZ CAMERAS INSTALLED ON FENDERS SHALL HAVE BUILT-IN IR ILLUMINATORS.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/24/2019

DESIGNER/DRAFTER: JY/MC
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SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
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Filename: ...\FCI-510_CNS_SHEET_0300-0202.dgn

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185 Plains Road
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Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **SAGA BRIDGE**

PROJECT NO. **0300-0202**
DRAWING NO. **FCI-510**
SHEET NO. **03.06**

CAMERA NUMBER	DESCRIPTION	CAMERA TYPE	MOUNTING TYPE	MOUNTING DETAIL	DOME COVER	LENS	CCTV CABINET	NOTES
SGA-CC-9401	TRACK 3 - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	CLEAR	3-9mm	SGA-C-9401	POLE SHARED WITH SGA-CC-9402
SGA-CC-9402	TRACK 3 - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	CLEAR	3-9mm	SGA-C-9401	POLE SHARED WITH SGA-CC-9401
SGA-CC-9403	TRACK 3	FIXED	CATENARY	FCI-667	CLEAR	3-9mm	SGA-C-9401	
SGA-CC-9404	TRACK 3	FIXED	CATENARY	FCI-667	CLEAR	3-9mm	SGA-C-9401	
SGA-CC-9405	NORTHWEST FENDER	PTZ	FENDER POLE	FCI-668	CLEAR	4.4-132mm	SGA-C-9401	
SGA-CC-9406	NORTHWEST FENDER	FIXED	FENDER POLE	FCI-668	CLEAR	3-9mm	SGA-C-9401	
SGA-CC-9407	NORTHEAST FENDER	PTZ	FENDER POLE	FCI-668	CLEAR	4.4-132mm	SGA-C-9403	
SGA-CC-9408	NORTHEAST FENDER	FIXED	FENDER POLE	FCI-668	CLEAR	3-9mm	SGA-C-9403	
SGA-CC-9409	TRACK 3	FIXED	CATENARY	FCI-667	CLEAR	3-9mm	SGA-C-9405	
SGA-CC-9410	TRACK 3	FIXED	CATENARY	FCI-667	CLEAR	3-9mm	SGA-C-9405	
SGA-CC-9411	TRACK 3	FIXED	CATENARY	FCI-667	CLEAR	3-9mm	SGA-C-9405	
SGA-CC-9412	TRACK 3	FIXED	CATENARY	FCI-667	CLEAR	3-9mm	SGA-C-9405	
SGA-CC-9413	TRACK 3 - EAST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	CLEAR	3-9mm	SGA-C-9405	POLE SHARED WITH SGA-CC-9414
SGA-CC-9414	TRACK 3 - EAST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	CLEAR	3-9mm	SGA-C-9405	POLE SHARED WITH SGA-CC-9413
SGA-CC-9415	TRACK 4 - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	CLEAR	3-9mm	SGA-C-9402	POLE SHARED WITH SGA-CC-9416
SGA-CC-9416	TRACK 4 - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	CLEAR	3-9mm	SGA-C-9402	POLE SHARED WITH SGA-CC-9415
SGA-CC-9417	TRACK 4	FIXED	CATENARY	FCI-667	CLEAR	3-9mm	SGA-C-9402	
SGA-CC-9418	TRACK 4	FIXED	CATENARY	FCI-667	CLEAR	3-9mm	SGA-C-9402	
SGA-CC-9419	SOUTHWEST FENDER	FIXED	FENDER POLE	FCI-668	CLEAR	3-9mm	SGA-C-9402	
SGA-CC-9420	SOUTHWEST FENDER	PTZ	FENDER POLE	FCI-668	CLEAR	4.4-132mm	SGA-C-9402	
SGA-CC-9421	SOUTHEAST FENDER	PTZ	FENDER POLE	FCI-668	CLEAR	4.4-132mm	SGA-C-9403	
SGA-CC-9422	SOUTHEAST FENDER	FIXED	FENDER POLE	FCI-668	CLEAR	3-9mm	SGA-C-9403	
SGA-CC-9423	TRACK 4	FIXED	BRIDGE HOUSE WALL	FCI-663, DETAIL 4	CLEAR	3-9mm	SGA-C-9403	
SGA-CC-9424	TRACK 4	FIXED	BRIDGE HOUSE WALL	FCI-663, DETAIL 4	CLEAR	3-9mm	SGA-C-9403	
SGA-CC-9425	TRACK 4	FIXED	CATENARY	FCI-667	CLEAR	3-9mm	SGA-C-9405	
SGA-CC-9426	TRACK 4	FIXED	CATENARY	FCI-667	CLEAR	3-9mm	SGA-C-9405	
SGA-CC-9427	TRACK 4	FIXED	POLE TYPE B	FC-660, DETAIL 1	CLEAR	3-9mm	SGA-C-9405	POLE SHARED WITH SGA-CC-9428
SGA-CC-9428	TRACK 4	FIXED	POLE TYPE B	FC-660, DETAIL 1	CLEAR	3-9mm	SGA-C-9405	POLE SHARED WITH SGA-CC-9427
SGA-CC-9429	TRACK 4 - EAST END	FIXED	POLE TYPE B	FC-660, DETAIL 1	CLEAR	3-9mm	SGA-C-9405	POLE SHARED WITH SGA-CC-9430
SGA-CC-9430	TRACK 4 - EAST END	FIXED	POLE TYPE B	FC-660, DETAIL 1	CLEAR	3-9mm	SGA-C-9405	POLE SHARED WITH SGA-CC-9429

NOTES:

1. SEE DWG. FCI-510 FOR DEVICE LAYOUT.
2. SEE DWG. FCI-512 FOR DEVICE CONNECTIVITY DIAGRAM.
3. MOUNTING HEIGHTS ARE APPROXIMATE AND SHALL BE COORDINATED WITH EXISTING FIELD CONDITIONS AND PRE-INSTALLATION FIELD-OF-VIEW SURVEYS BY THE CONTRACTOR.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/MC

CHECKED BY: TC

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-511_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **SAGA BRIDGE CAMERA SCHEDULE**

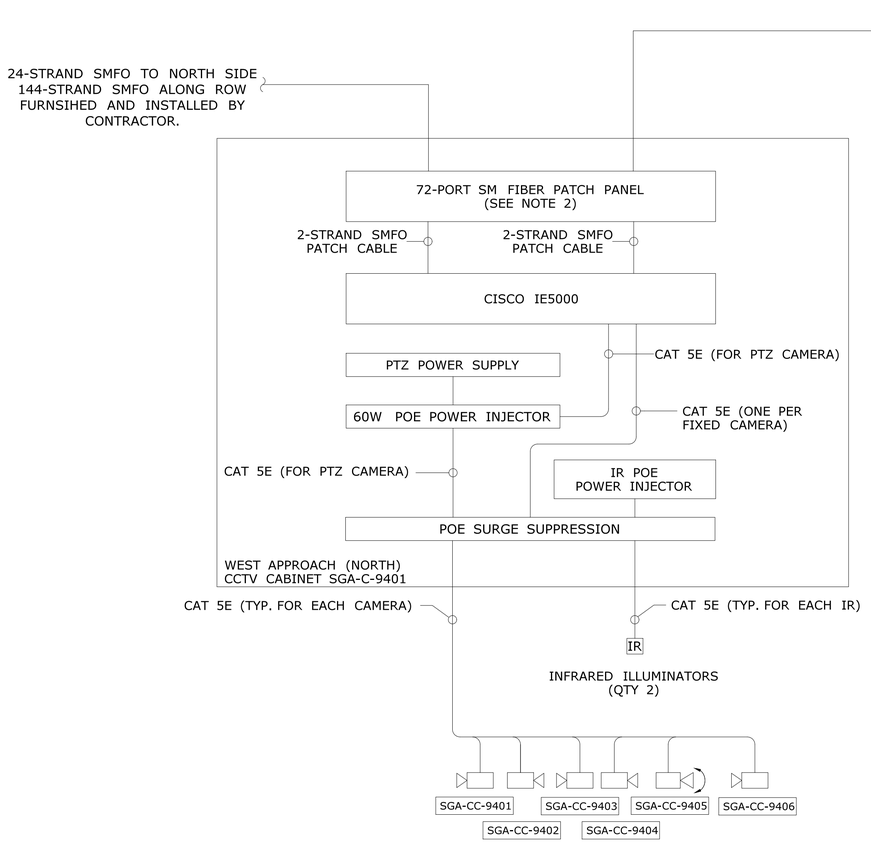
PROJECT NO. **0300-0202**

DRAWING NO. **FCI-511**

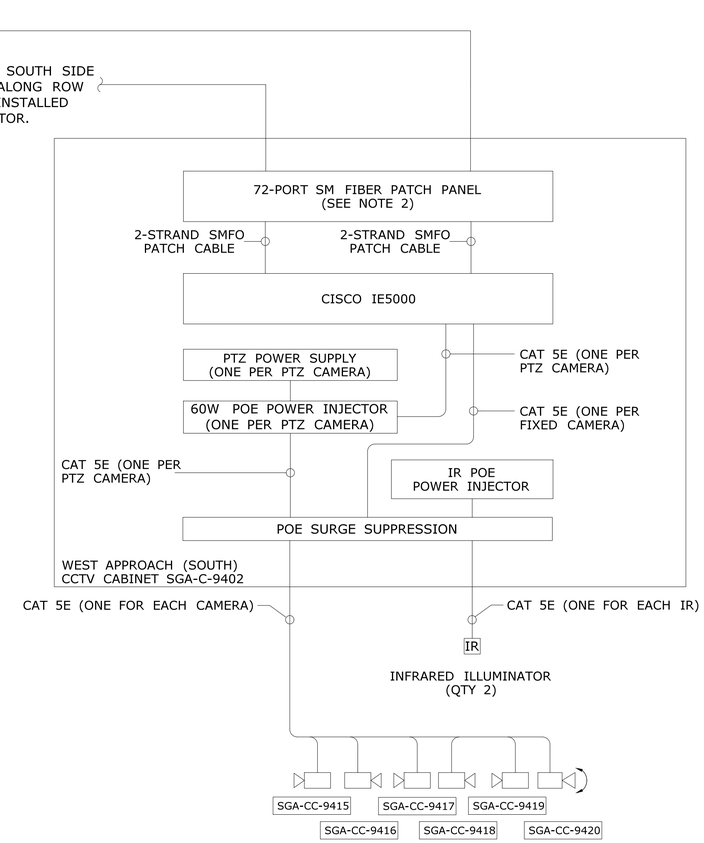
SHEET NO. **03.07**

NOTES:

1. SEE DWG. FCI-510 FOR DEVICE LAYOUT.
2. FURNISH SMFO PATCH CABLES REQUIRED FOR COMPLETE SYSTEM CONNECTIVITY.



WEST APPROACH - NORTH SIDE



WEST APPROACH - SOUTH SIDE

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/24/2019

DESIGNER/DRAFTER: JY/MC
CHECKED BY: TC
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-512_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

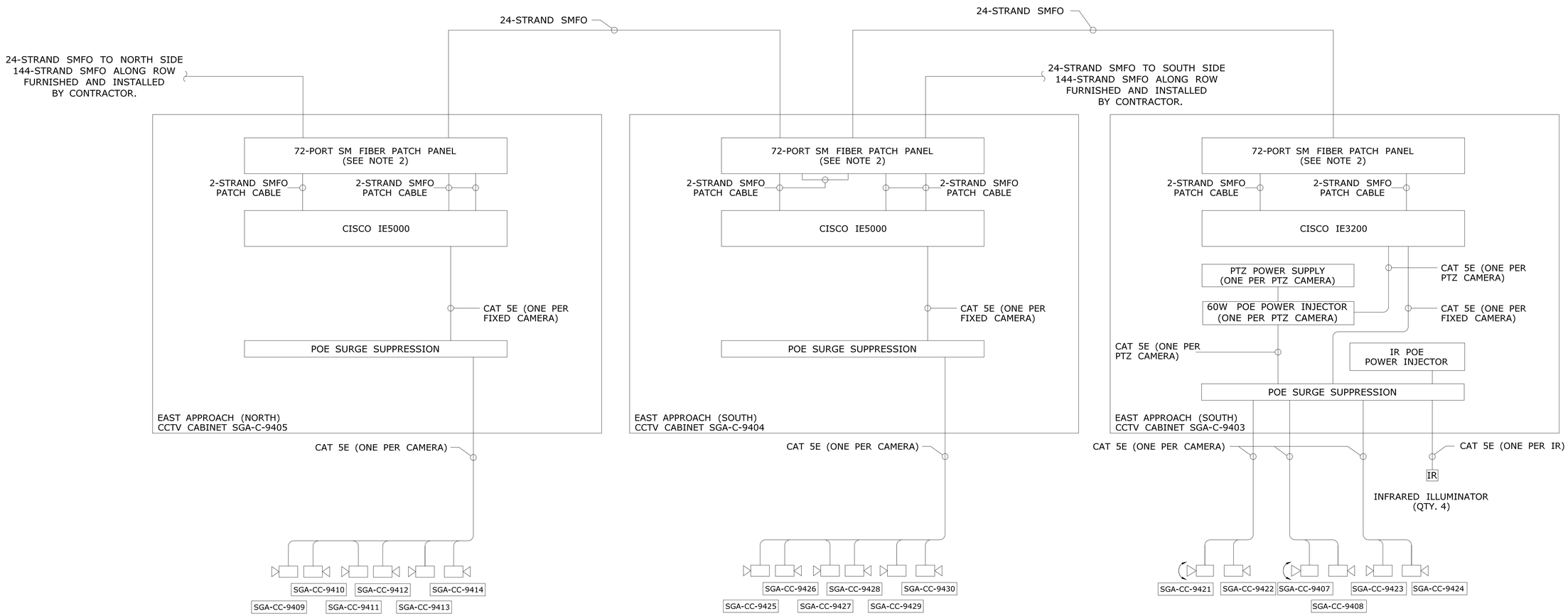
TOWN:
STAMFORD TO WESTPORT

DRAWING TITLE:
SAGA BRIDGE DEVICE CONNECTIVITY SHEET 1 OF 2

PROJECT NO. **0300-0202**
DRAWING NO. **FCI-512**
SHEET NO. **03.08**

NOTES:

1. SEE DWG. FCI-510 FOR DEVICE LAYOUT.
2. FURNISH SMFO PATCH CABLES REQUIRED FOR COMPLETE SYSTEM CONNECTIVITY.



EAST APPROACH - NORTH SIDE

EAST APPROACH - SOUTH SIDE

BRIDGE HOUSE - SOUTH SIDE

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/21/2019

DESIGNER/DRAFTER: JY/MC

CHECKED BY: TC

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-513_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **SAGA BRIDGE DEVICE CONNECTIVITY SHEET 2 OF 2**

PROJECT NO. **0300-0202**

DRAWING NO. **FCI-513**

SHEET NO. **03.09**

NOTES:

1. FURNISH AND INSTALL 20A BREAKER. BREAKER SHALL BE OF SAME TYPE AND AIC RATING AS EXISTING.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR LOAD BALANCING ON EXISTING PANELBOARD.
3. INSTALL INSULATED WIRE CONNECTORS TO CONNECT LARGER SIZE WIRES TO #8 AWG WIRE AND CONNECT #8 AWG WIRE TO 20 AMP BRANCH CIRCUIT BREAKER IN POWER PANEL.

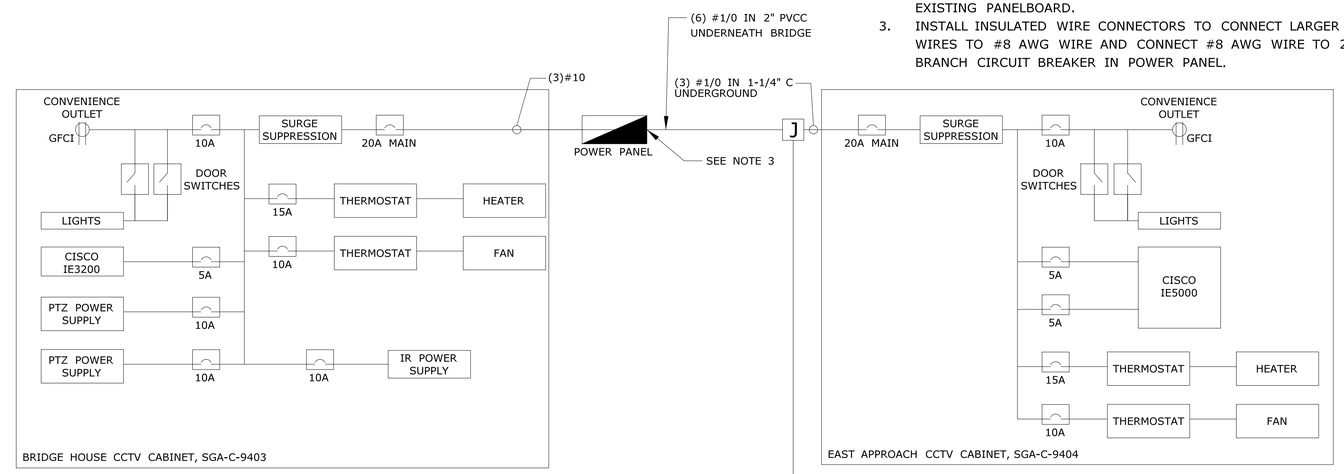
SAGA BRIDGE STATION
EXISTING MNR POWER PANEL 120/280V, 3 PHASE , 4 WIRE
100 AMP MAINS

	SERVICE	TRIP	CKT		CKT	TRIP	SERVICE	
	MAIN	100	1		2	30	EXISTING LOAD	
			3		4			
			5		6	20	EXISTING LOAD	
	EXISTING LOAD	20	7		8	20	EXISTING LOAD	
	EXISTING LOAD	20	9		10	**20**	**EAST APPR CCTV CAB, SGA-C-9405**	SEE NOTE 1
	EXISTING LOAD		11		12	20	EXISTING LOAD	
	EXISTING LOAD	20	13		14	20	SPARE	
			15		16	20	EXISTING LOAD	
SEE NOTE 1	SPARE	20	17		18	**20**	**EAST APPR CCTV CAB, SGA-C-9404**	SEE NOTE 1
	EXISTING LOAD	30	19		20	20	EXISTING LOAD	
			21		22			
SEE NOTE 1	**BRIDGE HOUSE CCTV CAB, SGA-C-9403**	**20**	23		24	20	EXISTING LOAD	

EXISTING MNR POWER PANEL
FED FROM UTILITY POWER
LOCATION: INSIDE BRIDGE HOUSE

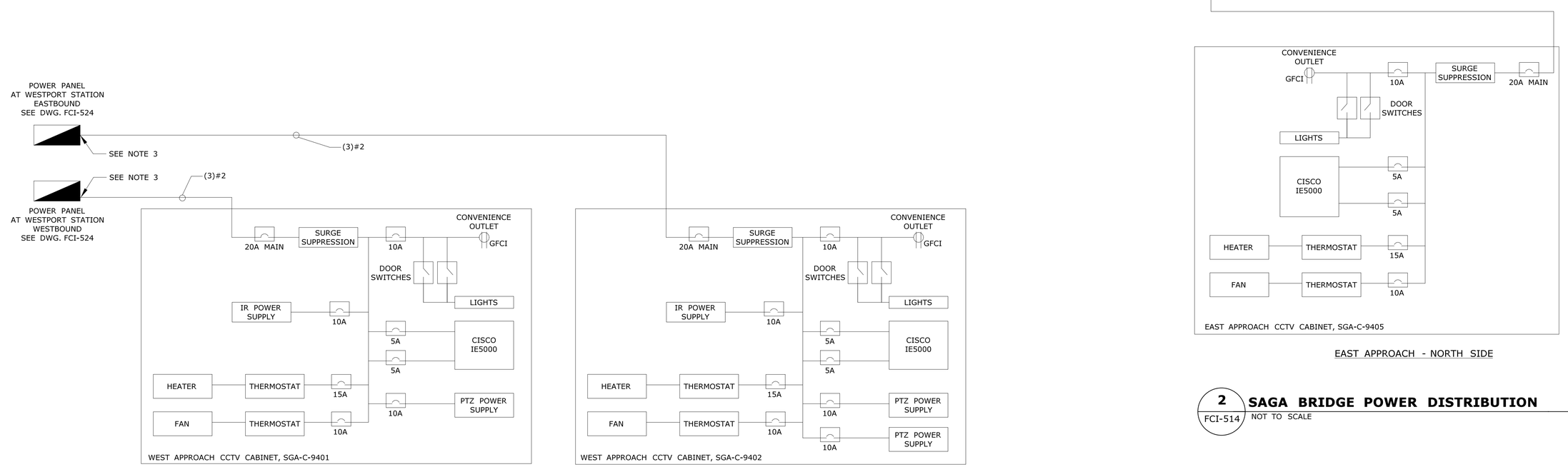
1 FCI-514 SAGA BRIDGE POWER PANEL SCHEDULE

NOT TO SCALE



BRIDGE HOUSE - SOUTH SIDE

EAST APPROACH - SOUTH SIDE



WEST APPROACH - NORTH SIDE

WEST APPROACH - SOUTH SIDE

EAST APPROACH - NORTH SIDE

2 FCI-514 SAGA BRIDGE POWER DISTRIBUTION

NOT TO SCALE

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/20/2019

DESIGNER/DRAFTER: JY/MN
CHECKED BY: TC
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-514_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

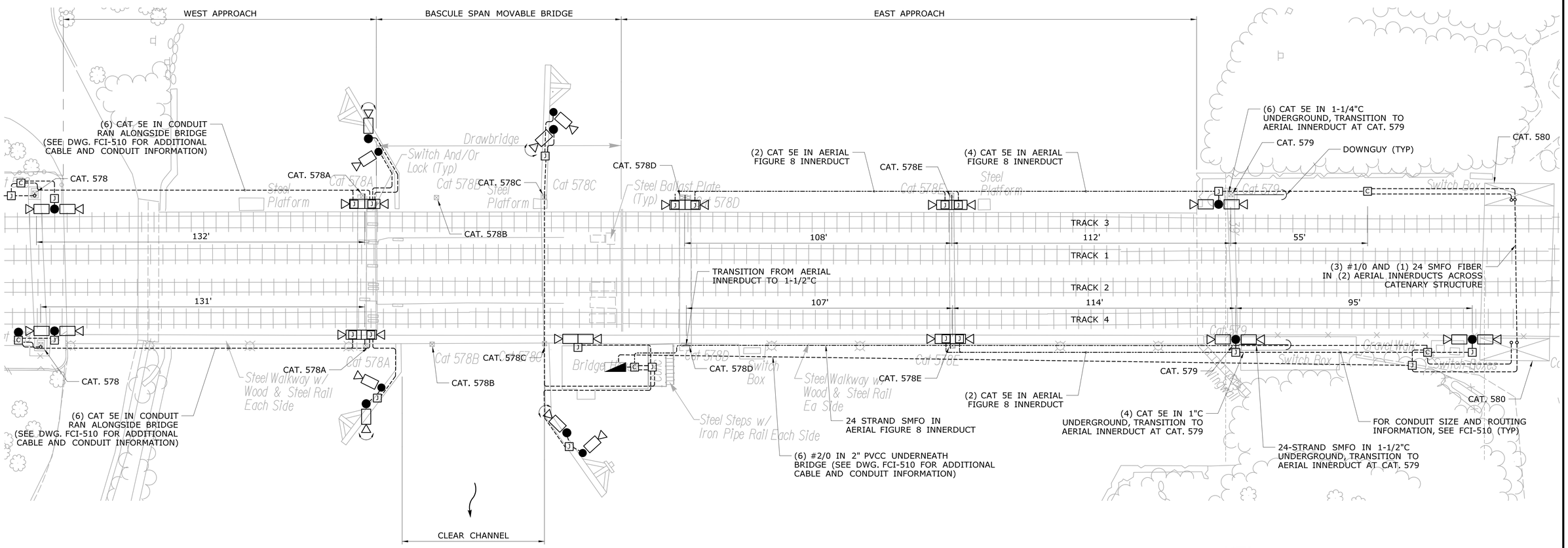
PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: STAMFORD TO WESTPORT

DRAWING TITLE: SAGA BRIDGE POWER DISTRIBUTION

PROJECT NO. 0300-0202
DRAWING NO. FCI-514
SHEET NO. 03.10

STRUCTURE ID #	578	578A	578B	578C	578D	578E	579	580
STRUCTURE TYPE	L5X5X3/8 LATTICE	L4X3X1/2 LATTICE	LATTICE*	LATTICE*	L6X6X5/16 LATTICE	L5X5X3/8 LATTICE	L5X5X3/8 LATTICE	LATTICE*
ATTACHMENT TYPE	-	-	-	-	D-3	B-1	D-3/D-8	-
ATTACHMENT SIDE	-	-	-	-	CENTER	FIELD	CENTER	-
ATTACHMENT HEIGHT	-	-	-	-	17'-0"	17'-0"	17'-0"	-
OFFSET	-	-	-	-	-	-	-	-
BONDING TYPE	-	-	-	-	-	-	G-1	-
CONDUIT; CABLE DROP	C-1	C-1	-	-	-	-	C-1	C-1
CABLE CONFIGURATION	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
NOTES & REMARKS	-	-	-	-	-	-	-	-



NOTES:

1. SEE DWG G-002 FOR GENERAL NOTES.
   SEE DWG G-003 FOR ABBREVIATIONS AND LEGEND.
2. DO NOT ATTACH ANY ITEMS TO THE MOVEABLE SECTION OF THE BRIDGE.
3. ALL ABOVE GROUND CONDUITS SHALL BE PVC COATED RGS. ALL FITTINGS SHALL BE GASKETTED AND WATER TIGHT.
4. CONTRACTOR TO CUT OPEN AERIAL DUCT AND FEED THE REQUIRED AMOUNT OF CAT 5E CABLES TO THE POLE MOUNTED CAMERAS.
5. ALL HEIGHTS ARE TAKEN FROM TOP OF ADJACENT RAIL.
6. INFORMATION ON THIS SHEET IS DUPLICATED ON FCI-510. THIS SHEET INDICATES AERIAL CABLE WORK ONLY.
7. TEXT FOLLOWED BY A '*' DENOTES THAT INFORMATION ON THE STRUCTURAL MEMBERS OF THE POLE IS UNAVAILABLE.

STRUCTURE ID #	578	578A	578B	578C	578D	578E	579	580
STRUCTURE TYPE	L5X5X3/8 LATTICE	L4X3X1/2 LATTICE	LATTICE*	LATTICE*	L6X6X5/16 LATTICE	L5X5X3/8 LATTICE	L5X5X3/8 LATTICE	LATTICE*
ATTACHMENT TYPE	-	-	-	-	D-3	B-1/D-3	(D-3/D-8)/D-3	-
ATTACHMENT SIDE	-	-	-	-	CENTER	FIELD/CENTER	CENTER/CENTER	-
ATTACHMENT HEIGHT	-	-	-	-	17'-0"	17'-0"/16'-0"	17'-0"/16'-0"	-
OFFSET	-	-	-	-	-	-	-	-
BONDING TYPE	-	-	-	-	-	-	G-1/G-1	-
CONDUIT; CABLE DROP	C-1	C-1	-	-	C-1	-	C-1	C-1
CABLE CONFIGURATION	-	-	-	-	-	-	-	-
MISCELLANEOUS	X-2	-	-	-	-	-	-	(2) X-1
NOTES & REMARKS	-	-	-	-	24 SMFO	24 SMFO/CAT 5E	24 SMFO/CAT 5E	-

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/11/2019

DESIGNER/DRAFTER: BD
CHECKED BY: BC
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-515_CNS_SHEET_0300-0202.dgn

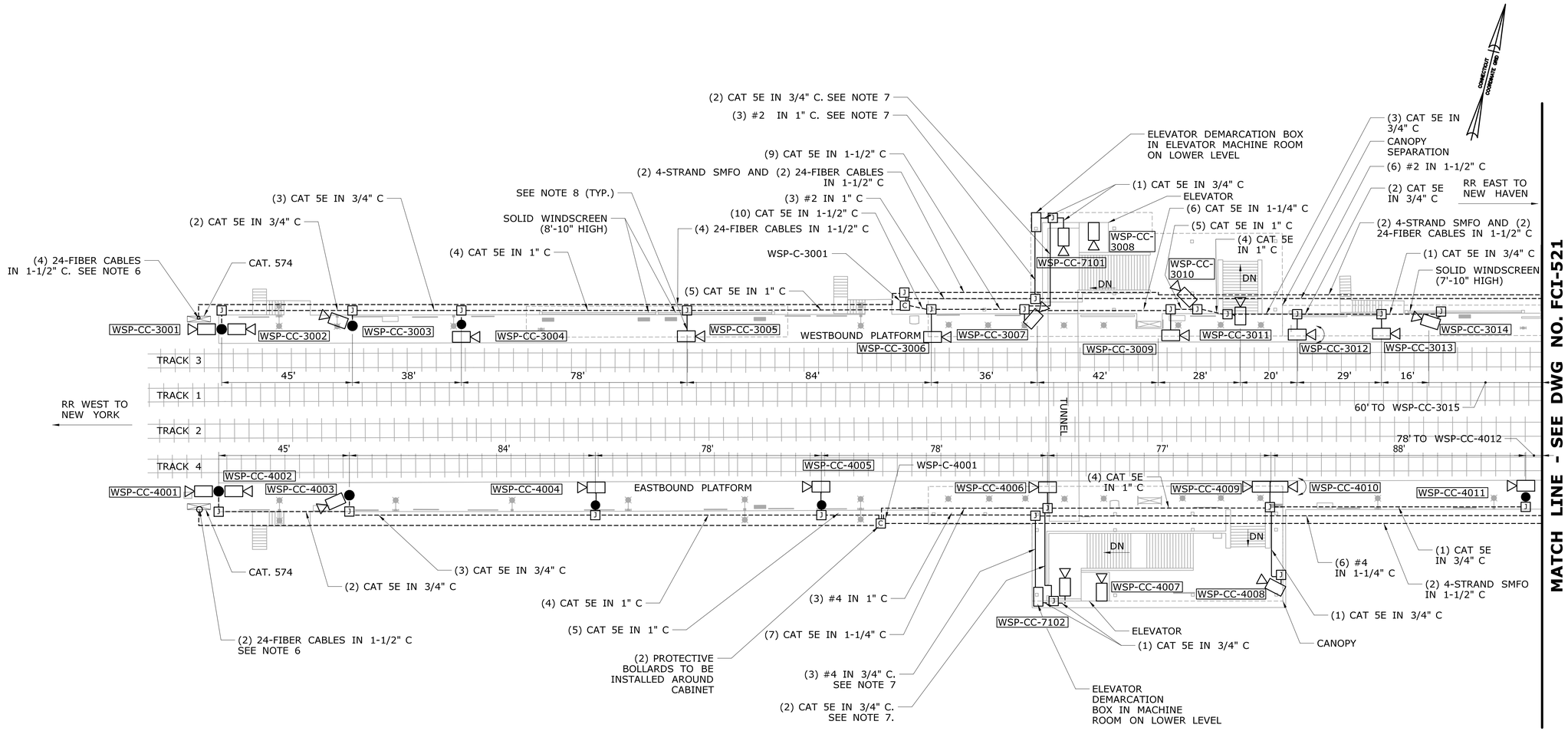
SIGNATURE/BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **SAGA BRIDGE AERIAL PLAN**

PROJECT NO. **0300-0202**
DRAWING NO. **FCI-515**
SHEET NO. **03.11**



NOTES:

1. SEE DWG G-002 FOR GENERAL NOTES.
   SEE DWG G-003 FOR ABBREVIATIONS AND LEGEND.
2. SEE DRAWING NO. FCI-623 FOR FIBER DROP SCHEMATIC AND ADDITIONAL DETAILS.
3. CONDUIT ON THIS SHEET SHALL RUN UNDER PLATFORM UNLESS OTHERWISE NOTED.
4. SEE DWG. FCI-522 FOR CAMERA SCHEDULE.
5. THE CONTRACTOR SHALL ENGAGE THE SERVICES OF THE ELEVATOR MANUFACTURER FOR THE INSTALLATION OF ALL COMPONENTS ASSOCIATED WITH THE ANALOG ELEVATOR CAMERAS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE FURNISHING AND INSTALLATION OF A COMPLETE FUNCTIONING CCTV CAMERA REPORTING TO THE CCTV CABINET. SUBMIT A COMPLETE BILL OF MATERIALS AND SHOP DRAWINGS INDICATING ALL EQUIPMENT TO BE USED, TRAVELING CABLE REQUIREMENTS, AND OTHER DETAILS NECESSARY TO PERFORM THE INSTALLATION FOR APPROVAL. ELEVATOR CAMERAS SHALL BE INTEGRATED INTO THE SYSTEM WITH A NEW VIDEO ENCODER. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS REQUIRED FOR A FULLY FUNCTIONAL ELEVATOR CAMERA INTEGRATED INTO THE CCTV SYSTEM.
6. 1-1/2" PVCC CONTINUES UP CAT. STRUCTURE. REFER TO DWG. FCI-711 FOR CONDUIT ATTACHMENT DETAILS. PROVIDE 1-1/2" PVCC ACROSS CAT. STRUCTURE. SEE DETAIL X-2 ON DWG. FCI-712.
7. RUN CONDUIT ACROSS EDGE OF STAIRCASE AND THE DROP DOWN TO UNDERPASS.
8. TRANSITION CONDUIT FROM UNDER PLATFORM TO CANOPY AT CANOPY COLUMN.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/MK
CHECKED BY: MC
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-520_CNS_SHEET_0300-0202.dgn

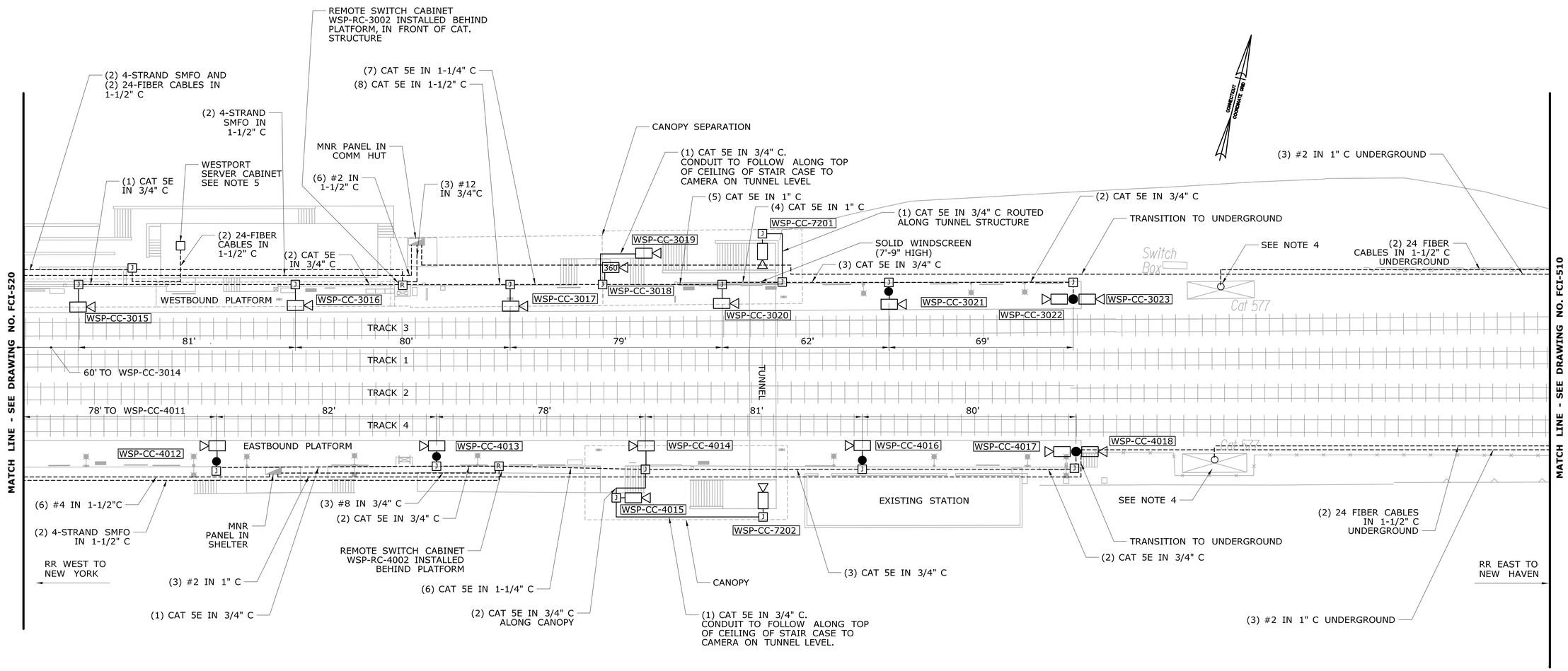
SIGNATURE/BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: STAMFORD TO WESTPORT

DRAWING TITLE: WESTPORT STATION SHEET 1 OF 2

PROJECT NO. 0300-0202
DRAWING NO. FCI-520
SHEET NO. 03.12



NOTES:

1. SEE DWG G-002 FOR GENERAL NOTES.
   SEE DWG G-003 FOR ABBREVIATIONS AND LEGEND.
2. CONDUIT ON THIS SHEET SHALL RUN UNDER PLATFORM UNLESS OTHERWISE NOTED.
3. SEE DWG. FCI-522 FOR CAMERA SCHEDULE.
4. 1-1/2" PVCC CONTINUES UP CAT STRUCTURE. REFER TO DWG. FCI-711 FOR CONDUIT ATTACHMENT DETAILS. PROVIDE 1-1/2" PVCC ACROSS CAT. STRUCTURE. SEE DETAIL X-2 ON DWG. FCI-712.
5. SEE DWGS. FCI-525 AND FCI-652 FOR WESTPORT SERVER CABINET DETAILS

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/MK
CHECKED BY: TC
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-521_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY
NEW HAVEN LINE
PHASE 3

TOWN: STAMFORD TO WESTPORT

DRAWING TITLE: WESTPORT STATION
SHEET 2 OF 2

PROJECT NO. 0300-0202
DRAWING NO. FCI-521
SHEET NO. 03.13

CAMERA NUMBER	DESCRIPTION	CAMERA TYPE	MOUNTING TYPE	MOUNTING DETAIL	MOUNTING HEIGHT (SEE NOTE 3)	DOME COVER	LENS	CCTV CABINET	NOTES
WSP-CC-3001	WESTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	3-9mm	WSP-C-3001	POLE SHARED WITH WSP-CC-3002
WSP-CC-3002	WESTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	SMOKED	3-9mm	WSP-C-3001	POLE SHARED WITH WSP-CC-3001
WSP-CC-3003	WESTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	WSP-C-3001	
WSP-CC-3004	WESTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	WSP-C-3001	
WSP-CC-3005	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	WSP-C-3001	
WSP-CC-3006	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 1	9'-0"	SMOKED	3-9mm	WSP-C-3001	
WSP-CC-3007	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 1	9'-0"	SMOKED	3-9mm	WSP-C-3001	
WSP-CC-3008	WESTBOUND PLATFORM - ELEVATOR	FIXED	ELEVATOR	FCI-665, DETAIL 7 & 8	TOP OF CAB	SMOKED	2mm	WSP-C-3001	
WSP-CC-3009	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 1	9'-0"	SMOKED	3-9mm	WSP-C-3001	
WSP-CC-3010	WEST TUNNEL - NORTH STAIRS	FIXED	CANOPY	FCI-661, DETAIL 1	8'-6"	SMOKED	3-9mm	WSP-C-3001	
WSP-CC-3011	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 1	9'-0"	SMOKED	3-9mm	WSP-C-3001	
WSP-CC-3012	WESTBOUND PLATFORM	PTZ	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	4.4-132mm	WSP-C-3001	
WSP-CC-3013	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	WSP-C-3001	
WSP-CC-3014	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	WSP-C-3001	
WSP-CC-3015	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	WSP-RC-3002	
WSP-CC-3016	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	WSP-RC-3002	
WSP-CC-3017	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	WSP-RC-3002	
WSP-CC-3018	WESTBOUND PLATFORM	360	CANOPY	FCI-661, DETAIL 2	9'-0"	CLEAR	1.342mm	WSP-RC-3002	
WSP-CC-3019	EAST TUNNEL - NORTH STAIRS	FIXED	CANOPY	FCI-661, DETAIL 2	8'-6"	SMOKED	3-9mm	WSP-RC-3002	
WSP-CC-3020	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	WSP-RC-3002	
WSP-CC-3021	WESTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	WSP-RC-3002	
WSP-CC-3022	WESTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	SMOKED	3-9mm	WSP-RC-3002	POLE SHARED WITH WSP-CC-3023
WSP-CC-3023	WESTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	3-9mm	WSP-RC-3002	POLE SHARED WITH WSP-CC-3022
WSP-CC-4001	EASTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	3-9mm	WSP-C-4001	POLE SHARED WITH WSP-CC-4002
WSP-CC-4002	EASTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	SMOKED	3-9mm	WSP-C-4001	POLE SHARED WITH WSP-CC-4001
WSP-CC-4003	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	WSP-C-4001	
WSP-CC-4004	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	WSP-C-4001	
WSP-CC-4005	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	WSP-C-4001	
WSP-CC-4006	EASTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 1	9'-0"	SMOKED	3-9mm	WSP-C-4001	
WSP-CC-4007	EASTBOUND PLATFORM - ELEVATOR	FIXED	ELEVATOR	FCI-665, DETAIL 7 & 8	TOP OF CAB	SMOKED	2mm	WSP-C-4001	
WSP-CC-4008	WEST TUNNEL - SOUTH STAIRS	FIXED	CANOPY	FCI-661, DETAIL 1	8'-6"	SMOKED	3-9mm	WSP-C-4001	
WSP-CC-4009	EASTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 1	9'-0"	SMOKED	3-9mm	WSP-C-4001	
WSP-CC-4010	EASTBOUND PLATFORM	PTZ	CANOPY	FCI-661, DETAIL 1	9'-0"	SMOKED	4.4-132mm	WSP-C-4001	
WSP-CC-4011	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	WSP-C-4001	
WSP-CC-4012	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	WSP-RC-4002	
WSP-CC-4013	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	WSP-RC-4002	
WSP-CC-4014	EASTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	8'-6"	SMOKED	3-9mm	WSP-RC-4002	
WSP-CC-4015	EAST TUNNEL - SOUTH STAIRS	FIXED	CANOPY	FCI-661, DETAIL 2	8'-6"	SMOKED	3-9mm	WSP-RC-4002	
WSP-CC-4016	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	WSP-RC-4002	
WSP-CC-4017	EASTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	SMOKED	3-9mm	WSP-RC-4002	POLE SHARED WITH WSP-CC-4018
WSP-CC-4018	EASTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	3-9mm	WSP-RC-4002	POLE SHARED WITH WSP-CC-4017
WSP-CC-7101	WEST TUNNEL - NORTH SIDE	FIXED	WALL	FCI-663, DETAIL 4	8'-6"	SMOKED	3-9mm	WSP-C-3001	
WSP-CC-7102	WEST TUNNEL - SOUTH SIDE	FIXED	WALL	FCI-663, DETAIL 4	8'-6"	SMOKED	3-9mm	WSP-C-4001	
WSP-CC-7201	EAST TUNNEL - NORTH SIDE	FIXED	WALL	FCI-663, DETAIL 4	8'-6"	SMOKED	3-9mm	WSP-RC-3002	
WSP-CC-7202	EAST TUNNEL - SOUTH SIDE	FIXED	WALL	FCI-663, DETAIL 4	8'-6"	SMOKED	3-9mm	WSP-RC-4002	

NOTES:

1. SEE DWG. FCI-520 AND FCI-521 FOR DEVICE LAYOUT.
2. SEE DWG. FCI-523 FOR STATION DEVICE CONNECTIVITY DIAGRAM.
3. MOUNTING HEIGHTS ARE APPROXIMATE AND SHALL BE COORDINATED WITH EXISTING FIELD CONDITIONS AND PRE-INSTALLATION FIELD-OF-VIEW SURVEYS BY THE CONTRACTOR.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/MC

CHECKED BY: TC

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-522_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

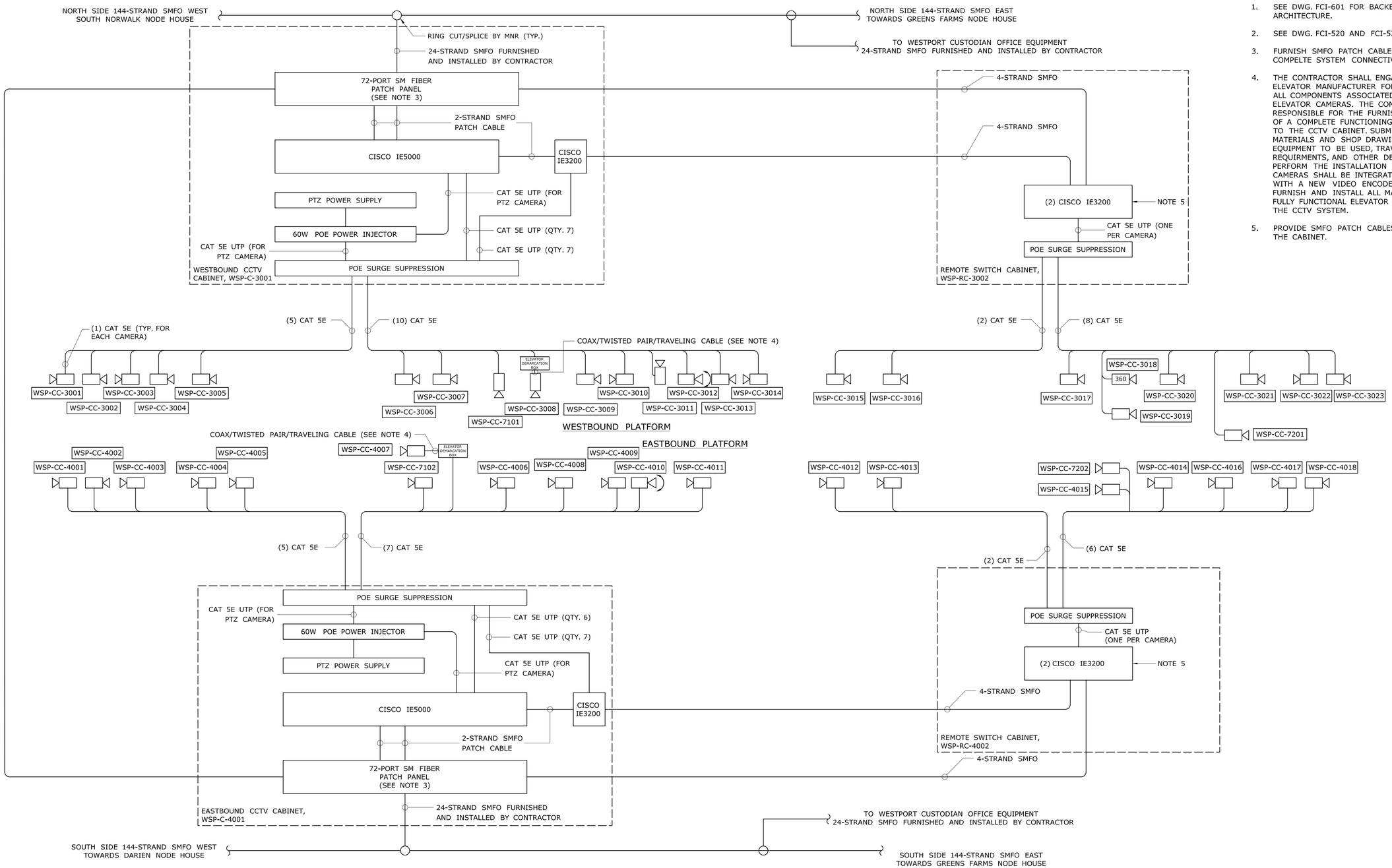
TOWN:
STAMFORD TO WESTPORT

DRAWING TITLE:
WESTPORT STATION CAMERA SCHEDULE

PROJECT NO. 0300-0202

DRAWING NO. FCI-522

SHEET NO. 03.14



NOTES:

1. SEE DWG. FCI-601 FOR BACKBONE FIBER ARCHITECTURE.
2. SEE DWG. FCI-520 AND FCI-521 FOR DEVICE LAYOUT.
3. FURNISH SMFO PATCH CABLES REQUIRED FOR COMPELTE SYSTEM CONNECTIVITY.
4. THE CONTRACTOR SHALL ENGAGE THE SERVICES OF THE ELEVATOR MANUFACTURER FOR THE INSTALLATION OF ALL COMPONENTS ASSOCIATED WITH THE ANALOG ELEVATOR CAMERAS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE FURNISHING AND INSTALLATION OF A COMPLETE FUNCTIONING CCTV CAMERA REPORTING TO THE CCTV CABINET. SUBMIT A COMPLETE BILL OF MATERIALS AND SHOP DRAWINGS INDICATING ALL EQUIPMENT TO BE USED, TRAVELING CABLE REQUIRMENTS, AND OTHER DETAILS NECESSARY TO PERFORM THE INSTALLATION FOR APPROVAL. ELEVATOR CAMERAS SHALL BE INTEGRATED INTO THE SYSTEM WITH A NEW VIDEO ENCODER. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS REQUIRED FOR A FULLY FUNCTIONAL ELEVATOR CAMERA INTEGRATED INTO THE CCTV SYSTEM.
5. PROVIDE SMFO PATCH CABLES BETWEEN SWITCHES IN THE CABINET.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/21/2019

DESIGNER/DRAFTER: EN/MK

CHECKED BY: CH

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-523_CNS_Sheet_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **WESTPORT STATION DEVICE CONNECTIVITY**

PROJECT NO. **0300-0202**

DRAWING NO. **FCI-523**

SHEET NO. **03.15**

EXISTING POWER PANEL
WESTBOUND WESTPORT STATION

	SERVICE	TRIP	CKT	CKT	TRIP	SERVICE
	EXISTING	20	1	2	20	EXISTING
	EXISTING	20	3	4	20	EXISTING
	EXISTING	20	5	6	20	EXISTING
	EXISTING	20	7	8	20	EXISTING
	EXISTING	20	9	10	20	EXISTING
	EXISTING	20	11	12	20	EXISTING
	EXISTING	20	13	14	20	EXISTING
	EXISTING	20	15	16	20	EXISTING
SEE NOTE 1	**WB CCTV CABINET WSP-C-3001**	**20**	**17**	18		SPACE
SEE NOTE 1	**WB REMOTE SW CABINET WSP-RC-3002**	**20**	**19**	20		SPACE
SEE NOTE 1	**WB ELEVATOR DEMARCATION BOX**	**20**	**21**	22		SPACE
SEE NOTE 1	**SAGA BRIDGE CCTV CABINET SGA-C-9401**	**20**	**23**	24		SPACE
	SPACE		25	26		SPACE
	SPACE		27	28		SPACE
	SPACE		29	30		SPACE

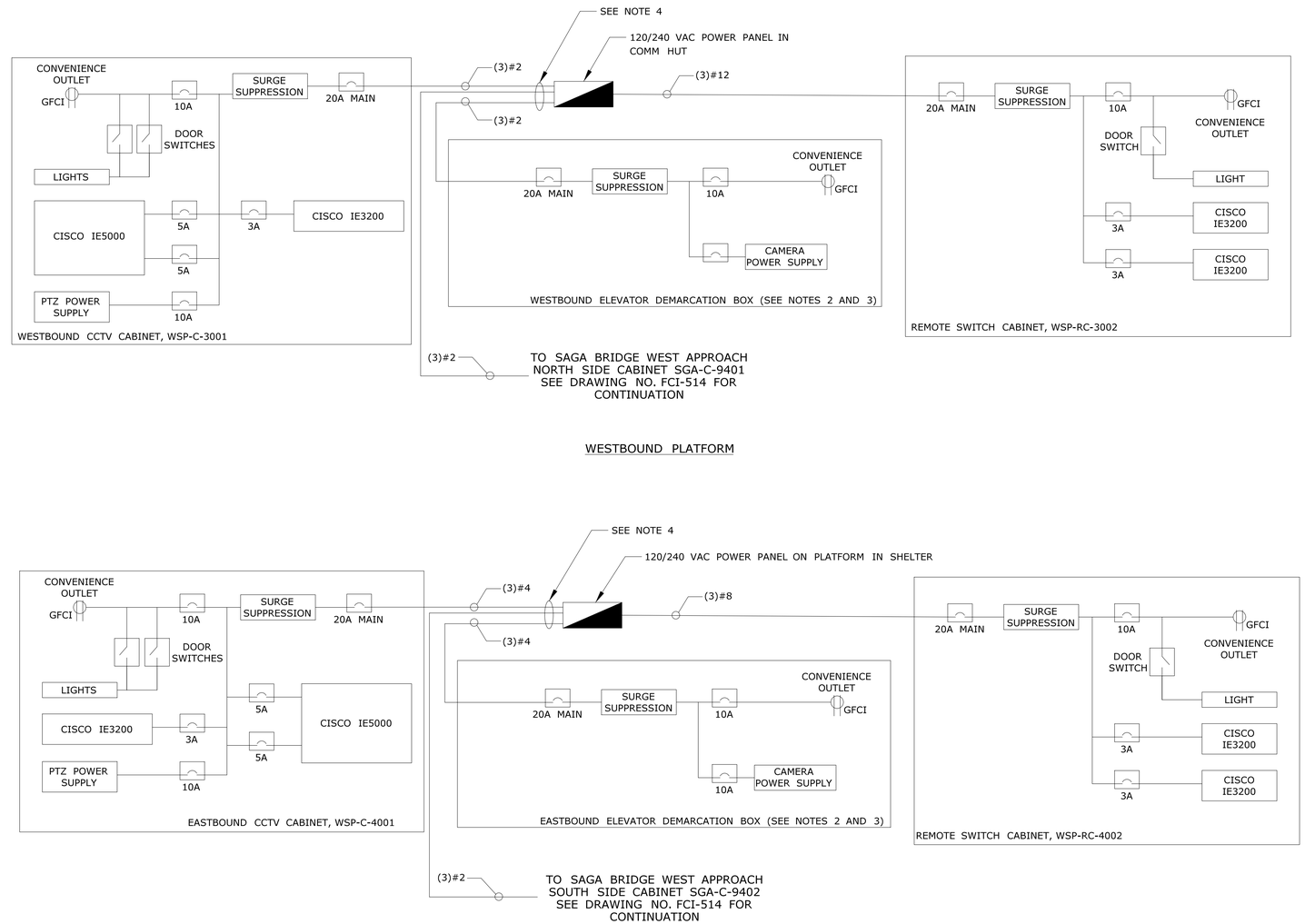
120/240VAC, 1 PHASE, 3 WIRE
FED FROM: UTILITY POWER
MAIN BREAKER: MAIN LUG PANEL
LOCATION: IN COMM HUT

EXISTING POWER PANEL
EASTBOUND WESTPORT STATION

	SERVICE	TRIP	CKT	CKT	TRIP	SERVICE
	EXISTING	20	1	2	20	EXISTING
	EXISTING	20	3	4	20	EXISTING
	EXISTING	20	5	6	20	EXISTING
SEE NOTE 1	**EB CCTV CABINET WSP-C-4001**	**20**	**7**	8		SPACE
SEE NOTE 1	**EB REMOTE SW CABINET WSP-RC-4002**	**20**	**9**	10		SPACE
SEE NOTE 1	**EB ELEVATOR DEMARCATION BOX**	**20**	**11**	12		SPACE
SEE NOTE 1	**SAGA BRIDGE CCTV CABINET SGA-C-9402**	**20**	**13**	14		SPACE
	SPACE		15	16		SPACE
	SPACE		17	18		SPACE
	SPACE		19	20		SPACE
	SPACE		21	22		SPACE
	EXISTING	20	23	24	20	EXISTING
	EXISTING	20	25	26	20	EXISTING
	EXISTING	20	27	28	20	EXISTING
	EXISTING	20	29	30	20	EXISTING
	EXISTING	20	31	32	20	EXISTING
	EXISTING	20	33	34	20	EXISTING
	EXISTING	20	35	36	20	EXISTING
	EXISTING	20	37	38	20	EXISTING
	EXISTING	20	39	40	20	EXISTING
	EXISTING	20	41	42	20	EXISTING

120/240VAC, 1 PHASE, 3 WIRE
FED FROM: UTILITY POWER
MAIN BREAKER: MAIN LUG PANEL
LOCATION: ON PLATFORM IN SHELTER

1 FCI-524 **WESTPORT STATION POWER PANEL SCHEDULE**
NOT TO SCALE



2 FCI-524 **WESTPORT STATION POWER DISTRIBUTION**
NOT TO SCALE

NOTES:

1. FURNISH AND INSTALL NEW 20A BREAKER. BREAKER SHALL BE OF SAME TYPE AND AIC RATING AS EXISTING BREAKERS.
2. THE CONTRACTOR SHALL ENGAGE THE SERVICES OF THE ELEVATOR MANUFACTURER FOR THE INSTALLATION OF ALL COMPONENTS ASSOCIATED WITH THE ANALOG ELEVATOR CAMERAS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE FURNISHING AND INSTALLATION OF A COMPLETE FUNCTIONING CCTV CAMERA REPORTING TO THE CCTV INTERFACES ENCLOSURES. SUBMIT A COMPLETE BILL OF MATERIALS AND SHOP DRAWINGS INDICATING ALL EQUIPMENT TO BE USED, TRAVELING CABLE REQUIREMENTS, AND OTHER DETAILS NECESSARY TO PERFORM THE INSTALLATION FOR APPROVAL. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS REQUIRED FOR A FULLY FUNCTIONAL ELEVATOR CAMERA INTEGRATED INTO THE CCTV SYSTEM.
3. ENCODER IN ELEVATOR DEMARCATION BOXES WILL BE POWERED BY POE.
4. INSTALL INSULATED WIRE CONNECTORS TO CONNECT LARGER SIZE WIRES TO #8 AWG WIRE AND CONNECT #8 AWG WIRE TO 20 AMP BRANCH CIRCUIT BREAKER IN POWER PANEL.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/20/2019

DESIGNER/DRAFTER: JY/MN
CHECKED BY: TC
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-524_CNS_SHEET_0300-0202.dgn

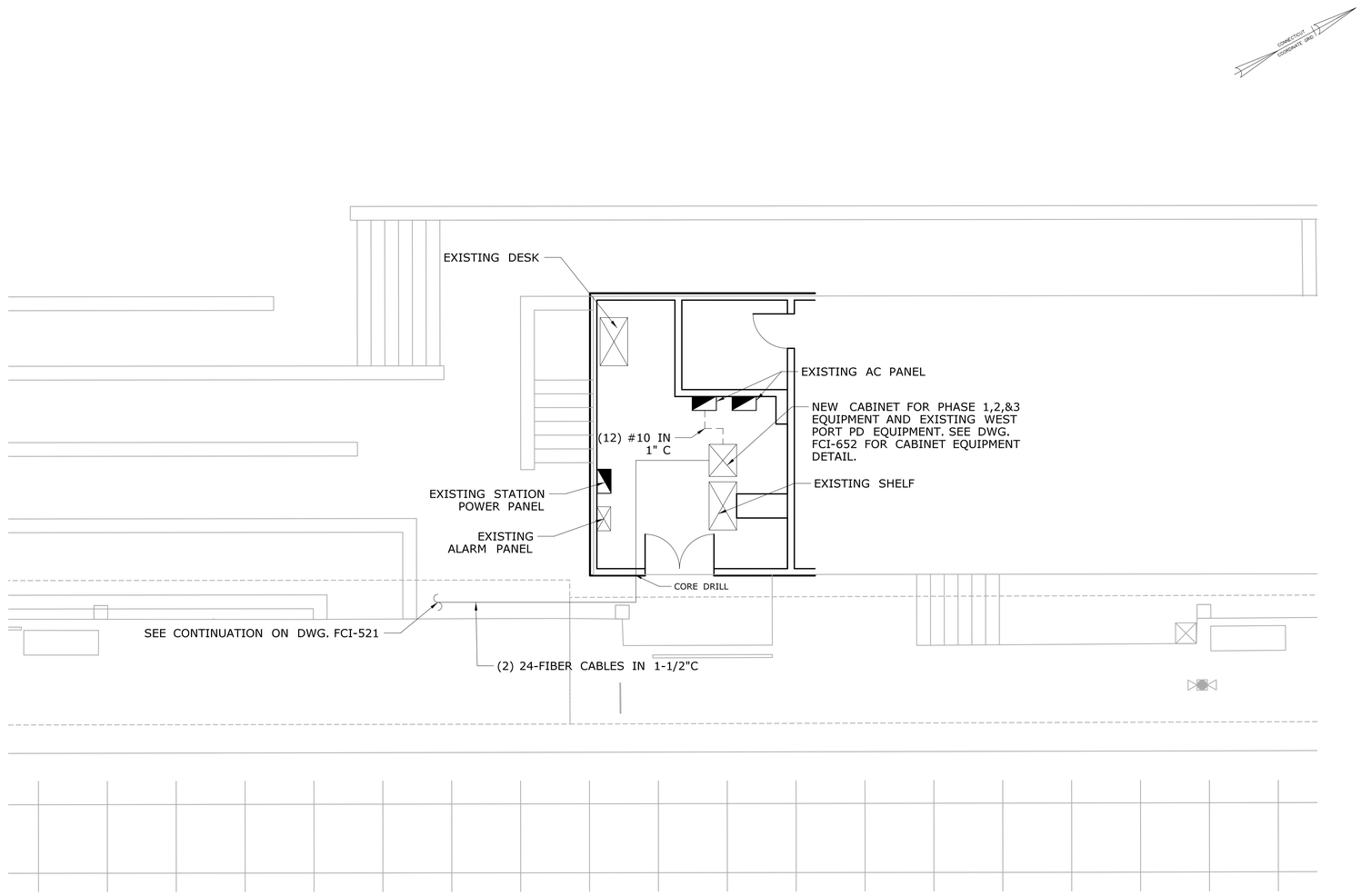
SIGNATURE/BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **WESTPORT STATION POWER DISTRIBUTION**

PROJECT NO. **0300-0202**
DRAWING NO. **FCI-524**
SHEET NO. **03.16**



CUSTODIAN OFFICE

NOT TO SCALE

NOTES:

1. CONTRACTOR SHALL COORDINATE WITH TOWN OF WESTPORT POLICE DEPARTMENT TO RELOCATE EXISTING WESTPORT PD EQUIPMENT INTO NEW COMBINED CABINET.
2. WESTPORT PD EQUIPMENT SHALL BE WIRED TO EXISTING CONNECTIONS.
3. TWO NEW CIRCUITS SHALL BE FOR NEW SERVER EQUIPMENT. REMAINING TWO CIRCUITS SHALL BE FOR EXISTING WESTPORT PD EQUIPMENT.
4. FURNISH AND INSTALL TWO NEW 30A BREAKERS. BREAKER SHALL BE OF SAME TYPE AND AIC RATING AS EXISTING BREAKERS.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/MC

CHECKED BY: TC

SCALE IN FEET 0 10 20

SCALE 1"=10'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-525_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

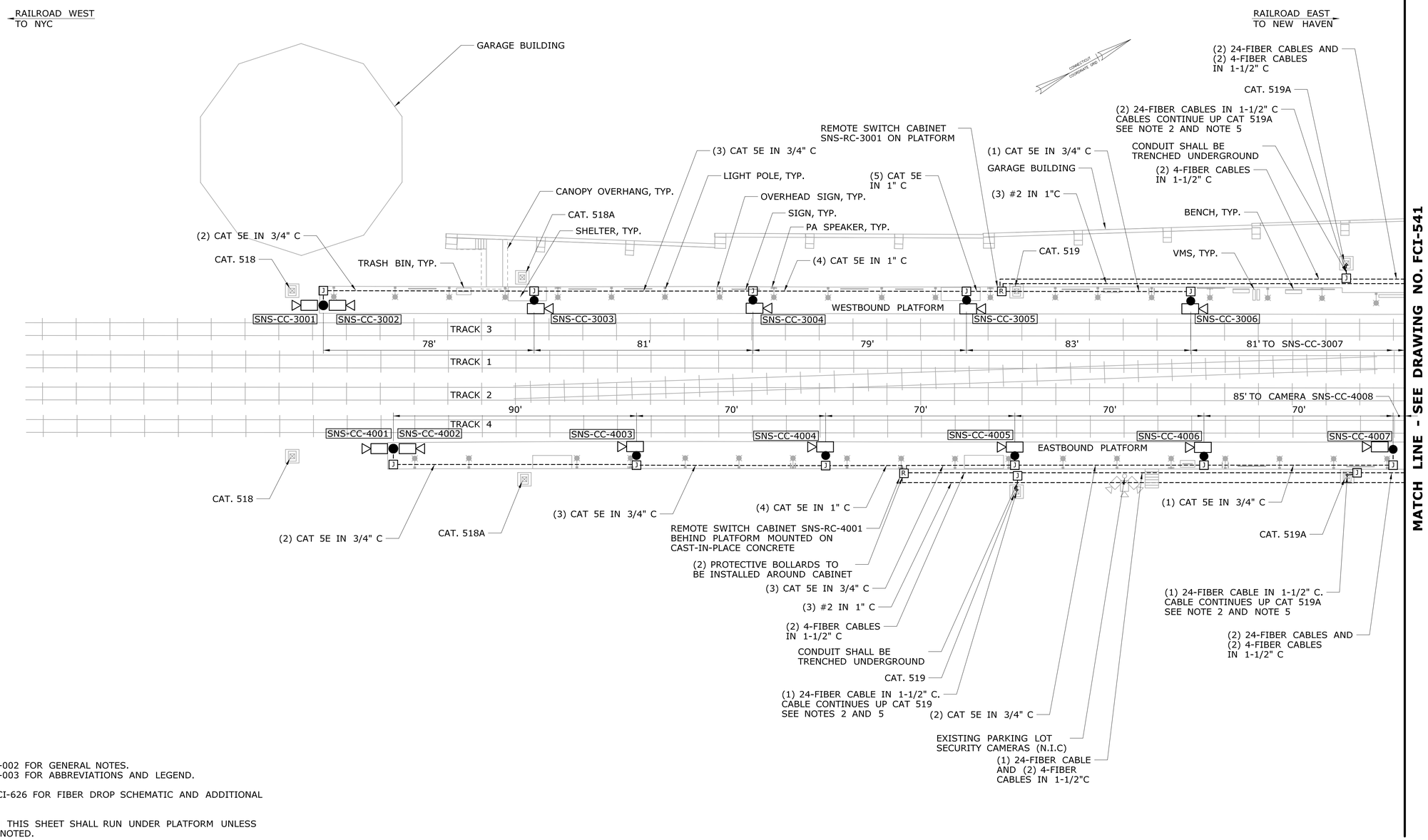
TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **WESTPORT STATION CABINET CUSTODIAN OFFICE**

PROJECT NO. **0300-0202**

DRAWING NO. **FCI-525**

SHEET NO. **03.17**



NOTES:

1. SEE DWG G-002 FOR GENERAL NOTES.
   SEE DWG G-003 FOR ABBREVIATIONS AND LEGEND.
2. SEE DWG FCI-626 FOR FIBER DROP SCHEMATIC AND ADDITIONAL DETAILS
3. CONDUIT ON THIS SHEET SHALL RUN UNDER PLATFORM UNLESS OTHERWISE NOTED.
4. SEE DWG. FCI-543 FOR CAMERA SCHEDULE.
5. 1-1/2" PVCC CONTINUES UP CAT. STRUCTURE. REFER TO DWG. FCI-711 FOR CONDUIT ATTACHMENT DETAILS. PROVIDE 1-1/2" PVCC ACROSS CAT. 519A. SEE DETAIL X-2 ON DWG. FCI-721.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/MC

CHECKED BY: TC

SCALE IN FEET 0 20 40

SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-540_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

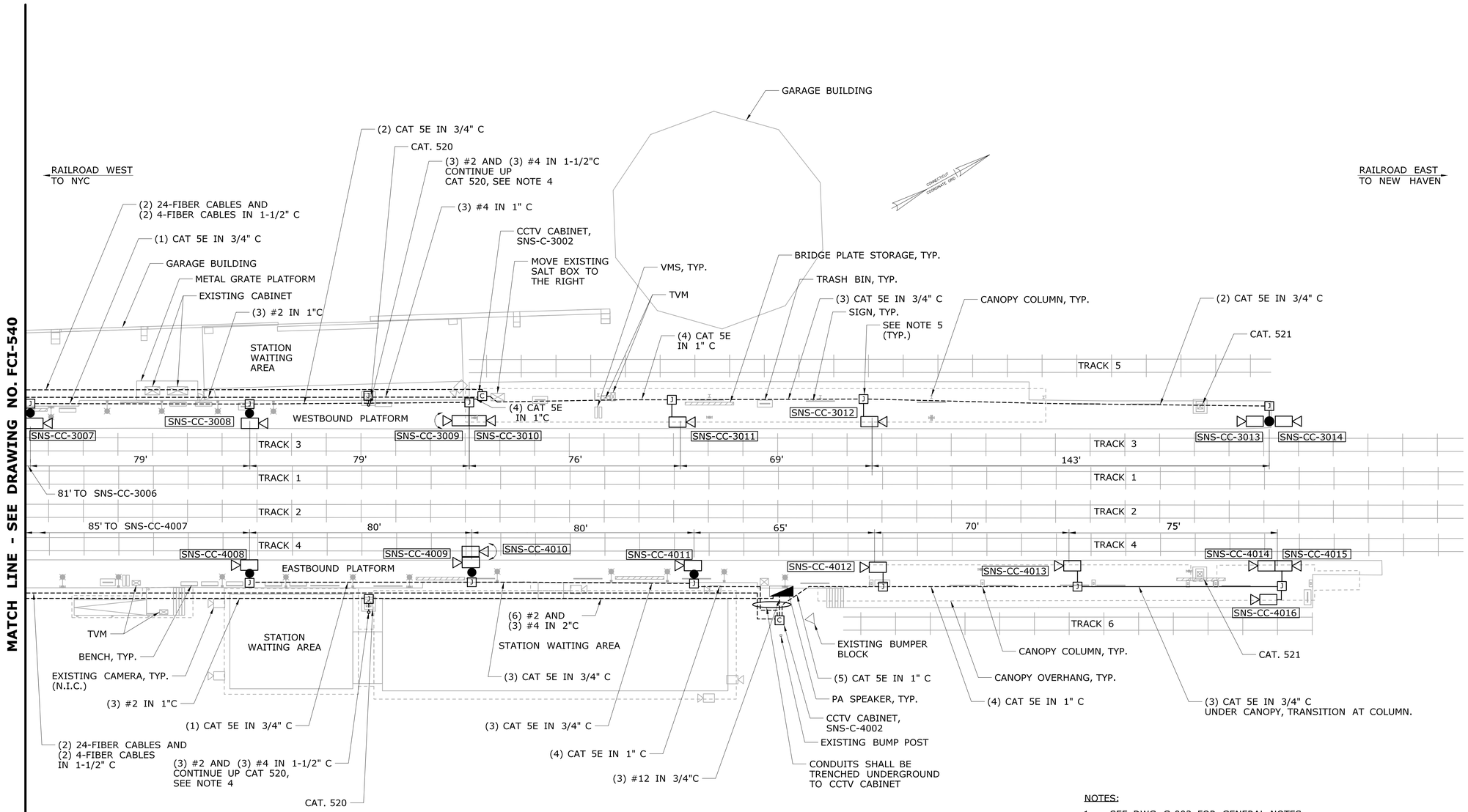
TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **SOUTH NORWALK STATION SHEET 1 OF 2**

PROJECT NO. **0300-0202**

DRAWING NO. **FCI-540**

SHEET NO. **03.18**



NOTES:

1. SEE DWG G-002 FOR GENERAL NOTES.
   SEE DWG G-003 FOR ABBREVIATIONS AND LEGEND.
2. CONDUIT ON THIS SHEET SHALL RUN UNDER PLATFORM UNLESS OTHERWISE NOTED.
3. SEE DWG. FCI-543 FOR CAMERA SCHEDULE.
4. 1-1/2" PVCC CONTINUES UP CAT. STRUCTURE. REFER TO DWG. FCI-711 FOR CONDUIT ATTACHMENT DETAILS. PROVIDE 1-1/2" PVCC ACROSS CAT. 520. SEE DETAIL X-2 ON DWG. FCI-712.
5. TRANSITION CONDUIT FROM UNDER PLATFORM TO CANOPY AT CANOPY COLUMN.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/24/2019

DESIGNER/DRAFTER: JY/MC
CHECKED BY: TC
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-541_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY
NEW HAVEN LINE
PHASE 3

TOWN: STAMFORD TO WESTPORT

DRAWING TITLE: SOUTH NORWALK STATION
SHEET 2 OF 2

PROJECT NO. 0300-0202
DRAWING NO. FCI-541
SHEET NO. 03.19

CAMERA NUMBER	DESCRIPTION	CAMERA TYPE	MOUNTING TYPE	MOUNTING DETAIL	MOUNTING HEIGHT (SEE NOTE 3)	DOME COVER	LENS	CCTV CABINET	NOTES
SNS-CC-3001	WESTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	3-9mm	SNS-RC-3001	POLE SHARED WITH SNS-CC-3002
SNS-CC-3002	WESTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	SMOKED	3-9mm	SNS-RC-3001	POLE SHARED WITH SNS-CC-3001
SNS-CC-3003	WESTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	SNS-RC-3001	
SNS-CC-3004	WESTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	SNS-RC-3001	
SNS-CC-3005	WESTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	SNS-RC-3001	
SNS-CC-3006	WESTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	SNS-C-3001	
SNS-CC-3007	WESTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	SNS-C-3002	
SNS-CC-3008	WESTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	SNS-C-3002	
SNS-CC-3009	WESTBOUND PLATFORM	PTZ	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	4.4-132mm	SNS-C-3002	
SNS-CC-3010	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	SNS-C-3002	
SNS-CC-3011	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	SNS-C-3002	
SNS-CC-3012	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	SNS-C-3002	
SNS-CC-3013	WESTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	SMOKED	3-9mm	SNS-C-3002	POLE SHARED WITH SNS-CC-3014
SNS-CC-3014	WESTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	3-9mm	SNS-C-3002	POLE SHARED WITH SNS-CC-3013
SNS-CC-4001	EASTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	3-9mm	SNS-RC-4001	POLE SHARED WITH SNS-CC-4002
SNS-CC-4002	EASTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	SMOKED	3-9mm	SNS-RC-4001	POLE SHARED WITH SNS-CC-4001
SNS-CC-4003	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	SNS-RC-4001	
SNS-CC-4004	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	SNS-RC-4001	
SNS-CC-4005	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	SNS-RC-4001	
SNS-CC-4006	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	SNS-RC-4001	
SNS-CC-4007	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	SNS-RC-4001	
SNS-CC-4008	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	SNS-C-4002	
SNS-CC-4009	EASTBOUND PLATFORM	FIXED	POLE TYPE C	FCI-660, DETAIL 2	8'-6"	SMOKED	3-9mm	SNS-C-4002	POLE SHARED WITH SNS-CC-4010
SNS-CC-4010	EASTBOUND PLATFORM	PTZ	POLE TYPE C	FCI-660, DETAIL 2	8'-6"	SMOKED	4.4-132mm	SNS-C-4002	POLE SHARED WITH SNS-CC-4009
SNS-CC-4011	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	SNS-C-4002	
SNS-CC-4012	EASTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	SNS-C-4002	
SNS-CC-4013	EASTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	SNS-C-4002	
SNS-CC-4014	EASTBOUND PLATFORM - EAST END	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	SNS-C-4002	
SNS-CC-4015	EASTBOUND PLATFORM - EAST END	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	CLEAR	3-9mm	SNS-C-4002	
SNS-CC-4016	EASTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	SNS-C-4002	

NOTES:

1. SEE DWG. FCI-540 AND FCI-541 FOR DEVICE LAYOUT.
2. SEE DWG. FCI-544 FOR STATION DEVICE CONNECTIVITY DIAGRAM.
3. MOUNTING HEIGHTS ARE APPROXIMATE AND SHALL BE COORDINATED WITH EXISTING FIELD CONDITIONS AND PRE-INSTALLATION FIELD-OF-VIEW SURVEYS BY THE CONTRACTOR.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/MC

CHECKED BY: TC

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-543_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

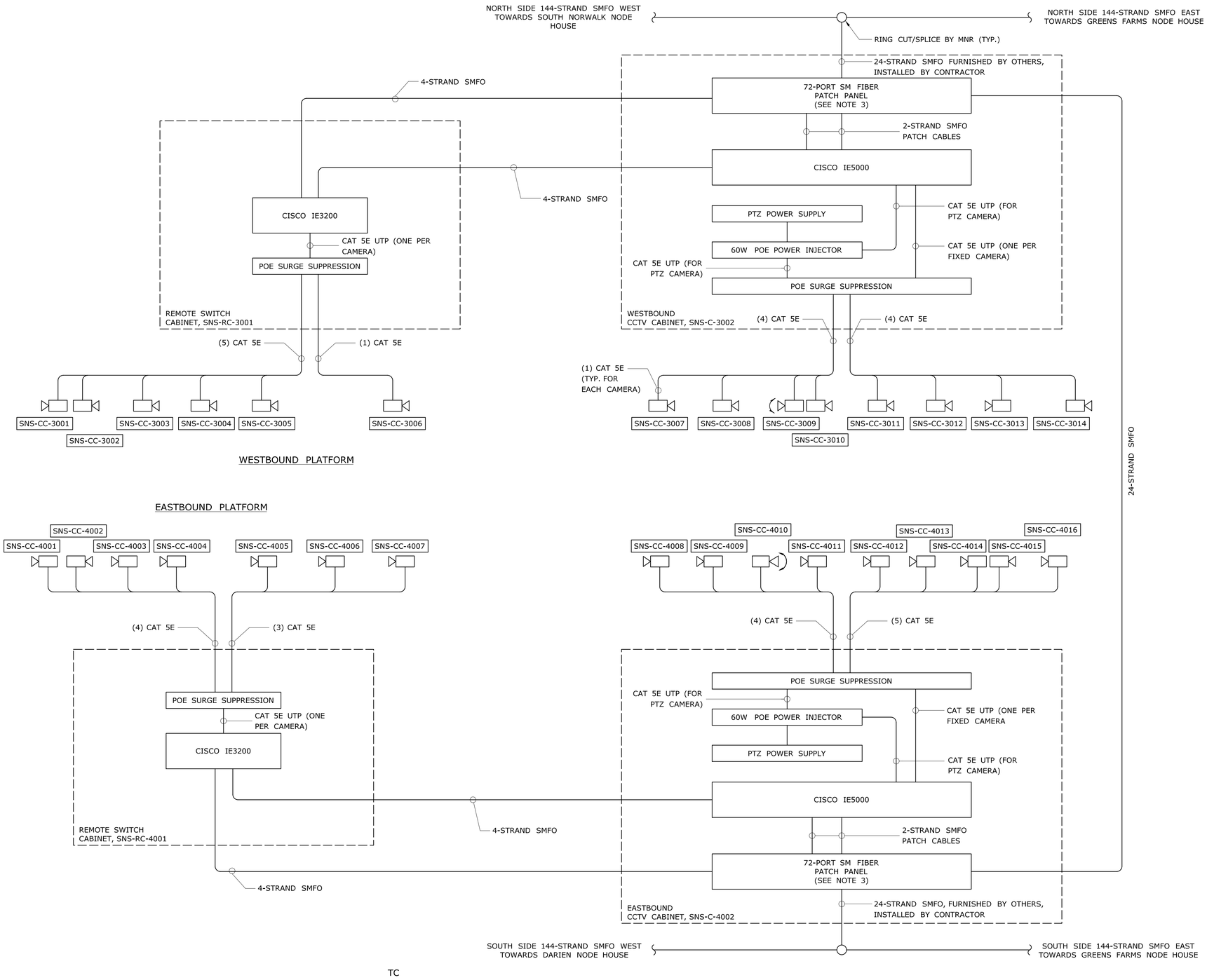
TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **SOUTH NORWALK STATION CAMERA SCHEDULE**

PROJECT NO. **0300-0202**

DRAWING NO. **FCI-543**

SHEET NO. **03.20**



NOTES:

1. SEE DWG. FCI-601 FOR BACKBONE FIBER ARCHITECTURE.
2. SEE DWG. FCI-540 AND FCI-541 FOR DEVICE LAYOUT.
3. FURNISH SMFO PATCH CABLES REQUIRED FOR COMPLETE CONNECTIVITY.

TC

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/RL

CHECKED BY: TC

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-544_CNS_Sheet_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **SOUTH NORWALK STATION DEVICE CONNECTIVITY**

PROJECT NO. **0300-0202**

DRAWING NO. **FCI-544**

SHEET NO. **03.21**

NOTES:

1. FURNISH AND INSTALL NEW 20A BREAKER. BREAKER SHALL BE OF SAME TYPE AND AIC RATING AS EXISTING BREAKERS.

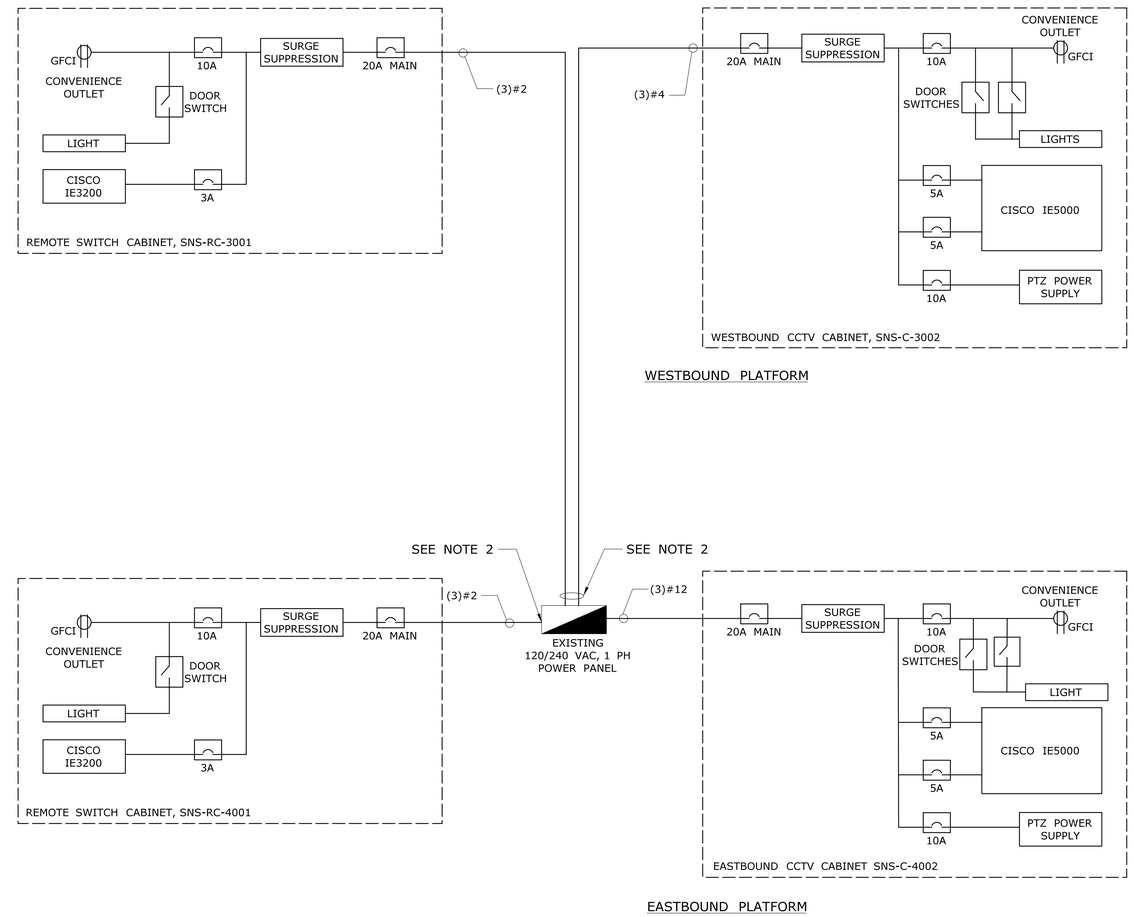
2. INSTALL INSULATED WIRE CONNECTORS TO CONNECT LARGER SIZE WIRES TO #8 AWG WIRE AND CONNECT #8 AWG WIRE TO 20 AMP BRANCH CIRCUIT BREAKER IN POWER PANEL.

EXISTING MNR POWER PANEL
SOUTH NORWALK STATION

	SERVICE	TRIP	CKT	CKT	TRIP	SERVICE
SEE NOTE 1	**WB REMOTE SW CABINET, SNS-C-3001**	**20**	**1**	2	20	SPARE
SEE NOTE 1	**WB CCTV CABINET, SNS-C-3002**	**20**	**3**	4	20	SPARE
SEE NOTE 1	**EB REMOTE SW CABINET, SNS-C-4001**	**20**	**5**	6	20	SPARE
SEE NOTE 1	**EB CCTV CABINET, SNS-C-4002**	**20**	**7**	8	20	SPARE
	SPARE	20	9	10	20	SPARE
	SPARE	20	11	12	20	SPARE
	SPARE	20	13	14	20	SPARE
	SPARE	20	15	16	20	SPARE
	SPARE	20	17	12	20	SPARE
	SPARE	20	19	20	20	SPARE
	SPARE	20	21	22	20	SPARE
	SPARE	20	23	24	20	PHOTOCELL

120/240VAC, 1 PHASE, 3 WIRE
MAIN BREAKER: 250A
LOCATION: UNDERPASS ELECTRICAL ROOM

1 / FCI-545 **SOUTH NORWALK STATION POWER PANEL SCHEDULE**
NOT TO SCALE



2 / FCI-545 **SOUTH NORWALK STATION POWER DISTRIBUTION**

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/20/2019

DESIGNER/DRAFTER: JY/MK
CHECKED BY: TC
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STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-545_CNS_SHEET_0300-0202.dgn

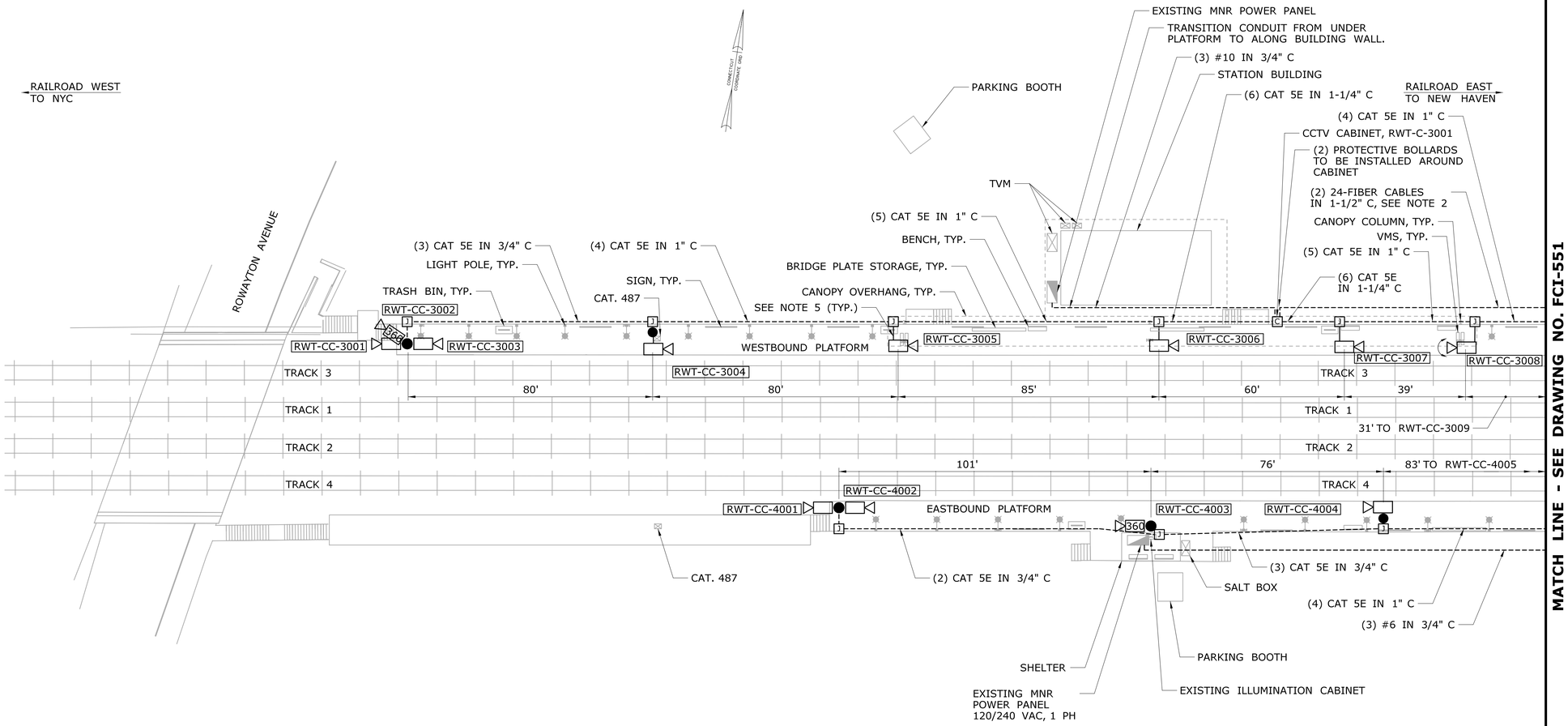
SIGNATURE/BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **SOUTH NORWALK STATION POWER DISTRIBUTION**

PROJECT NO. **0300-0202**
DRAWING NO. **FCI-545**
SHEET NO. **03.22**



NOTES:

1. SEE DWG G-002 FOR GENERAL NOTES.
   SEE DWG G-003 FOR ABBREVIATIONS AND LEGEND.
2. SEE DWG. FCI-627 FOR FIBER DROP SCHEMATIC AND ADDITIONAL DETAILS.
3. CONDUIT ON THIS SHEET SHALL RUN UNDER PLATFORM UNLESS OTHERWISE NOTED.
4. SEE DWG. FCI-552 FOR CAMERA SCHEDULE
5. TRANSITION CONDUIT FROM UNDER PLATFORM TO CANOPY AT CANOPY COLUMN.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/MC
CHECKED BY: TC
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-550_CNS_SHEET_0300-0202.dgn

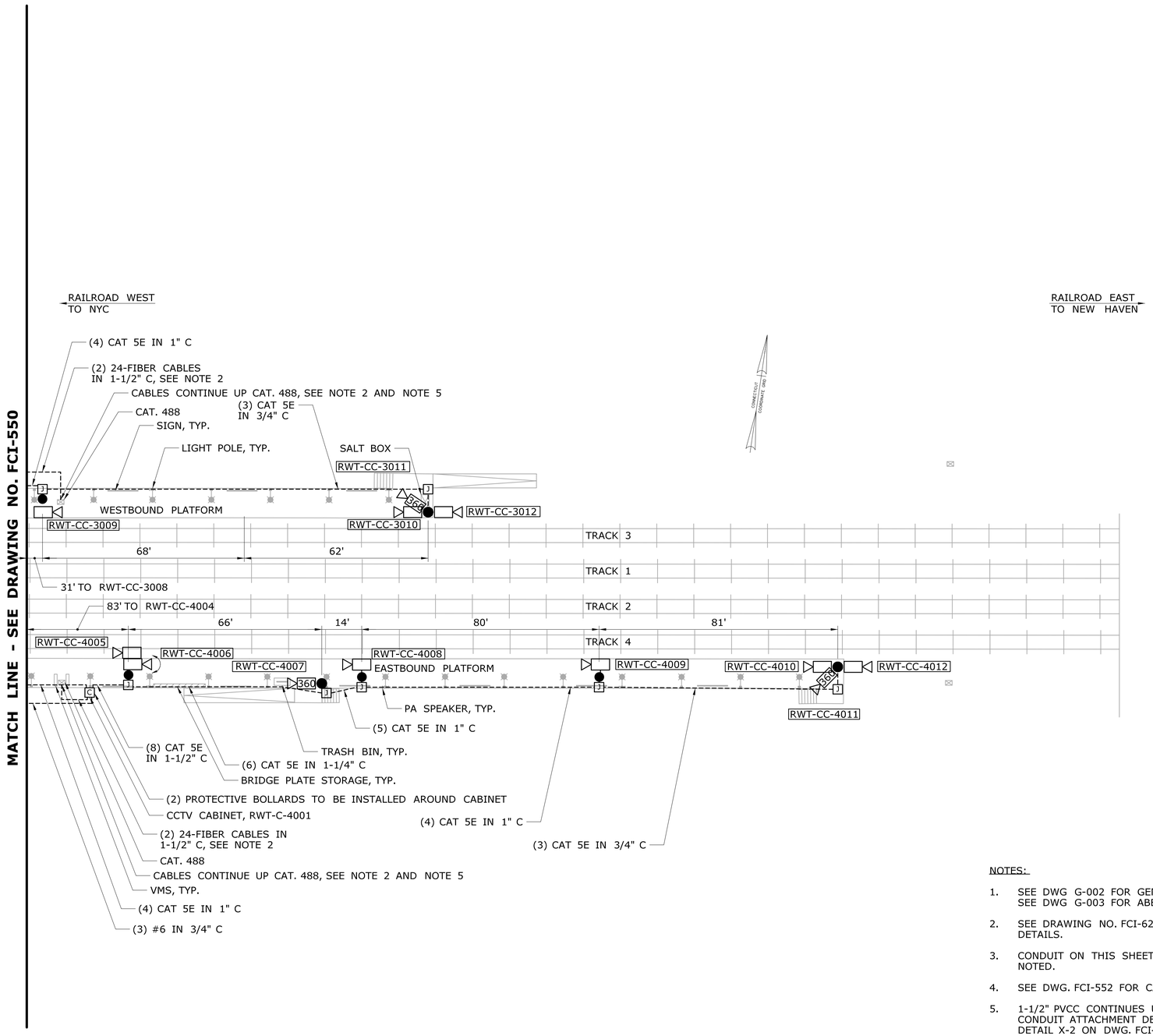
SIGNATURE/BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: STAMFORD TO WESTPORT

DRAWING TITLE: ROWAYTON STATION SHEET 1 OF 2

PROJECT NO. 0300-0202
DRAWING NO. FCI-550
SHEET NO. 03.23



NOTES:

1. SEE DWG G-002 FOR GENERAL NOTES.
   SEE DWG G-003 FOR ABBREVIATIONS AND LEGEND.
2. SEE DRAWING NO. FCI-627 FOR FIBER DROP SCHEMATIC AND ADDITIONAL DETAILS.
3. CONDUIT ON THIS SHEET SHALL RUN UNDER PLATFORM UNLESS OTHERWISE NOTED.
4. SEE DWG. FCI-552 FOR CAMERA SCHEDULE.
5. 1-1/2" PVCC CONTINUES UP CAT. STRUCTURE. REFER TO DWG. FCI-711 FOR CONDUIT ATTACHMENT DETAILS. PROVIDE 1-1/2" PVCC ACROSS CAT. 488. SEE DETAIL X-2 ON DWG. FCI-712.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/MC
CHECKED BY: TC
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-551_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY
NEW HAVEN LINE
PHASE 3

TOWN: STAMFORD TO WESTPORT

DRAWING TITLE: ROWAYTON STATION SHEET 2 OF 2

PROJECT NO. 0300-0202
DRAWING NO. FCI-551
SHEET NO. 03.24

CAMERA NUMBER	DESCRIPTION	CAMERA TYPE	MOUNTING TYPE	MOUNTING HEIGHT (SEE NOTE 3)	MOUNTING DETAIL	DOME COVER	LENS	CCTV CABINET	NOTES
RWT-CC-3001	WESTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	8'-6"	FCI-660, DETAIL 1	CLEAR	3-9mm	RWT-C-3001	POLE SHARED WITH RWT-CC-3002 & RWT-CC-3003
RWT-CC-3002	WESTBOUND PLATFORM - WEST END	360	POLE TYPE B	8'-6"	FCI-660, DETAIL 1	SMOKED	1.342mm	RWT-C-3001	POLE SHARED WITH RWT-CC-3001 & RWT-CC-3003
RWT-CC-3003	WESTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	8'-6"	FCI-660, DETAIL 1	SMOKED	3-9mm	RWT-C-3001	POLE SHARED WITH RWT-CC-3001 & RWT-CC-3002
RWT-CC-3004	WESTBOUND PLATFORM	FIXED	POLE TYPE D	8'-6"	FCI-660, DETAIL 3	SMOKED	3-9mm	RWT-C-3001	
RWT-CC-3005	WESTBOUND PLATFORM	FIXED	CANOPY	9'-0"	FCI-661, DETAIL 2	SMOKED	3-9mm	RWT-C-3001	
RWT-CC-3006	WESTBOUND PLATFORM	FIXED	CANOPY	9'-0"	FCI-661, DETAIL 2	SMOKED	3-9mm	RWT-C-3001	
RWT-CC-3007	WESTBOUND PLATFORM	FIXED	CANOPY	9'-0"	FCI-661, DETAIL 2	SMOKED	3-9mm	RWT-C-3001	
RWT-CC-3008	WESTBOUND PLATFORM	PTZ	CANOPY	9'-0"	FCI-661, DETAIL 2	SMOKED	4.4-132mm	RWT-C-3001	
RWT-CC-3009	WESTBOUND PLATFORM	FIXED	POLE TYPE D	8'-6"	FCI-660, DETAIL 3	SMOKED	3-9mm	RWT-C-3001	
RWT-CC-3010	WESTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	8'-6"	FCI-660, DETAIL 1	SMOKED	3-9mm	RWT-C-3001	POLE SHARED WITH RWT-CC-3011 & RWT-CC-3012
RWT-CC-3011	WESTBOUND PLATFORM - EAST END	360	POLE TYPE B	8'-6"	FCI-660, DETAIL 1	CLEAR	1.342mm	RWT-C-3001	POLE SHARED WITH RWT-CC-3010 & RWT-CC-3012
RWT-CC-3012	WESTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	8'-6"	FCI-660, DETAIL 1	CLEAR	3-9mm	RWT-C-3001	POLE SHARED WITH RWT-CC-3010 & RWT-CC-3011
RWT-CC-4001	EASTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	8'-6"	FCI-660, DETAIL 1	CLEAR	3-9mm	RWT-C-4001	POLE SHARED WITH RWT-CC-4002
RWT-CC-4002	EASTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	8'-6"	FCI-660, DETAIL 1	SMOKED	3-9mm	RWT-C-4001	POLE SHARED WITH RWT-CC-4001
RWT-CC-4003	EASTBOUND PLATFORM	360	POLE TYPE B	8'-6"	FCI-660, DETAIL 1	CLEAR	1.342mm	RWT-C-4001	SEE NOTE 4
RWT-CC-4004	EASTBOUND PLATFORM	FIXED	POLE TYPE D	8'-6"	FCI-660, DETAIL 3	SMOKED	3-9mm	RWT-C-4001	
RWT-CC-4005	EASTBOUND PLATFORM	FIXED	POLE TYPE C	8'-6"	FCI-660, DETAIL 2	SMOKED	3-9mm	RWT-C-4001	POLE SHARED WITH RWT-CC-4006
RWT-CC-4006	EASTBOUND PLATFORM	PTZ	POLE TYPE C	8'-6"	FCI-660, DETAIL 2	SMOKED	4.4-132mm	RWT-C-4001	POLE SHARED WITH RWT-CC-4005
RWT-CC-4007	EASTBOUND PLATFORM	360	POLE TYPE B	8'-6"	FCI-660, DETAIL 1	CLEAR	1.342mm	RWT-C-4001	SEE NOTE 4
RWT-CC-4008	EASTBOUND PLATFORM	FIXED	POLE TYPE D	8'-6"	FCI-660, DETAIL 3	SMOKED	3-9mm	RWT-C-4001	
RWT-CC-4009	EASTBOUND PLATFORM	FIXED	POLE TYPE D	8'-6"	FCI-660, DETAIL 3	SMOKED	3-9mm	RWT-C-4001	
RWT-CC-4010	EASTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	8'-6"	FCI-660, DETAIL 1	SMOKED	3-9mm	RWT-C-4001	POLE SHARED WITH RWT-CC-4011 & RWT-CC-4012
RWT-CC-4011	EASTBOUND PLATFORM - EAST END	360	POLE TYPE B	8'-6"	FCI-660, DETAIL 1	CLEAR	1.342mm	RWT-C-4001	POLE SHARED WITH RWT-CC-4010 & RWT-CC-4012
RWT-CC-4012	EASTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	8'-6"	FCI-660, DETAIL 1	CLEAR	3-9mm	RWT-C-4001	POLE SHARED WITH RWT-CC-4010 & RWT-CC-4011

NOTES:

1. SEE DWG. FCI-550 AND FCI-551 FOR DEVICE LAYOUT.
2. SEE DWG. FCI-553 FOR STATION DEVICE CONNECTIVITY DIAGRAM.
3. MOUNTING HEIGHTS ARE APPROXIMATE AND SHALL BE COORDINATED WITH EXISTING FIELD CONDITIONS AND PRE-INSTALLATION FIELD-OF-VIEW SURVEYS BY THE CONTRACTOR.
4. POLE LOCATION VARIES FROM DETAIL LISTED. ALL OTHER ELEMENTS OF THE DETAIL SHALL APPLY. MOUNT POLE TOWARDS BACK EDGE OF PLATFORM AS SHOWN ON DWG. FCI-550 AND FCI-551.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/MC

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STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-552_CNS_SHEET_0300-0202.dgn

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STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

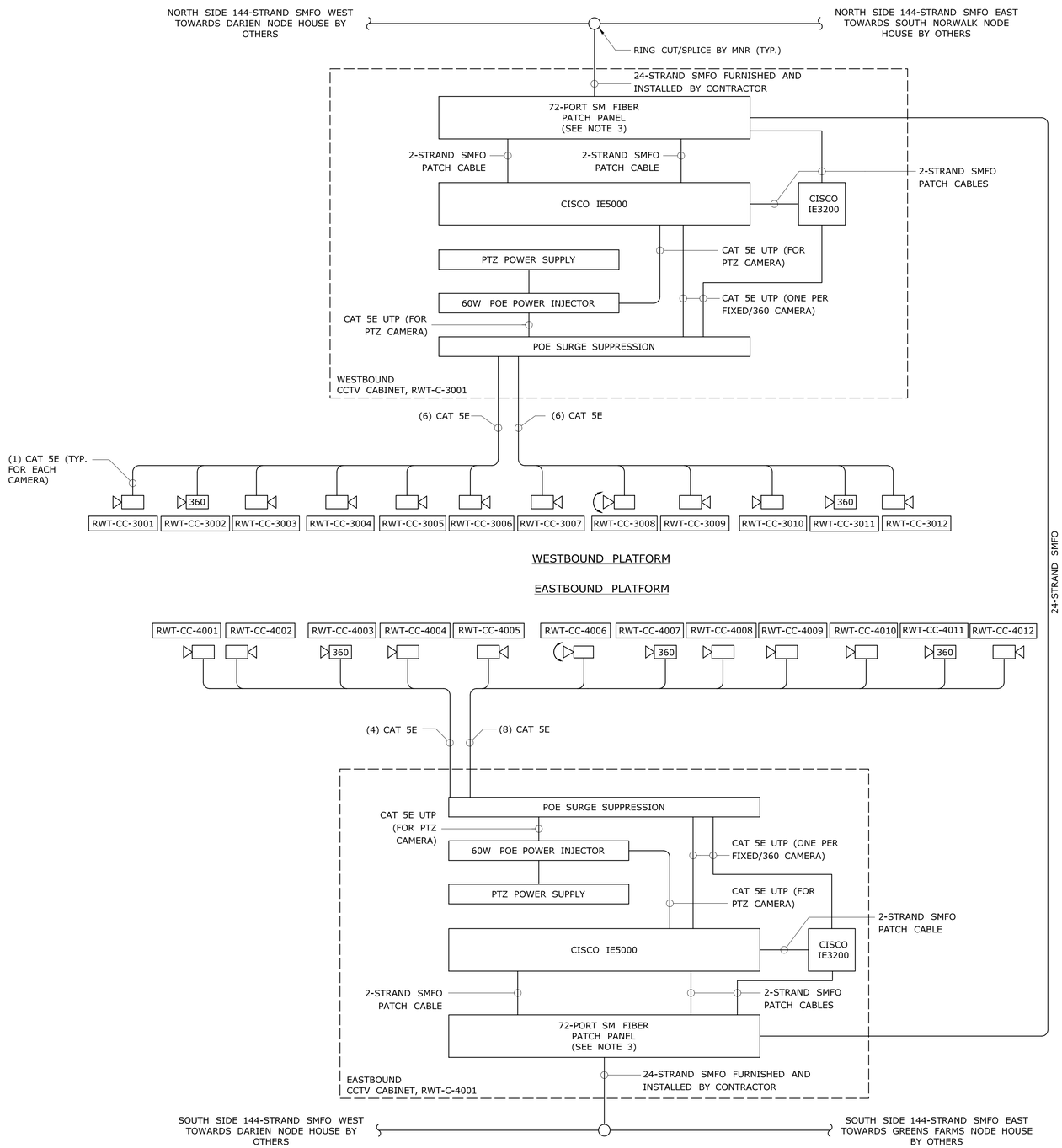
TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **ROWAYTON STATION CAMERA SCHEDULE**

PROJECT NO. **0300-0202**

DRAWING NO. **FCI-552**

SHEET NO. **03.25**



NOTES:

1. SEE DWG. FCI-601 FOR BACKBONE FIBER ARCHITECTURE.
2. SEE DWG. FCI-550 AND FCI-551 FOR DEVICE LAYOUT.
3. FURNISH SMFO PATCH CABLES REQUIRED FOR COMPLETE SYSTEM CONNECTIVITY.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/RL

CHECKED BY: TC

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STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-553_FA_Sheet_0300-0202.dgn

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STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **ROWAYTON STATION DEVICE CONNECTIVITY**

PROJECT NO. 0300-0202

DRAWING NO. FCI-553

SHEET NO. 03.26

NOTES:

1. FURNISH AND INSTALL NEW 20A BREAKER. BREAKER SHALL BE OF SAME TYPE AND AIC RATING AS EXISTING BREAKERS.

2. INSTALL INSULATED WIRE CONNECTORS TO CONNECT LARGER SIZE WIRES TO #8 AWG WIRE AND CONNECT #8 AWG WIRE TO 20 AMP BRANCH CIRCUIT BREAKER IN POWER PANEL.

EXISTING MNR POWER PANEL
WESTBOUND ROWAYTON STATION

	SERVICE	TRIP	CKT	CKT	TRIP	SERVICE
SEE NOTE 1 →	**WB CCTV CABINET, RWT-C-3001**	**20**	**1**	2		SPACE
	SPACE		3	4		SPACE
	EXISTING	20	5	6	20	EXISTING
	EXISTING	20	7	8	20	EXISTING
	SPARE	20	9	10	20	SPARE
	SPARE	20	11	12	20	SPARE

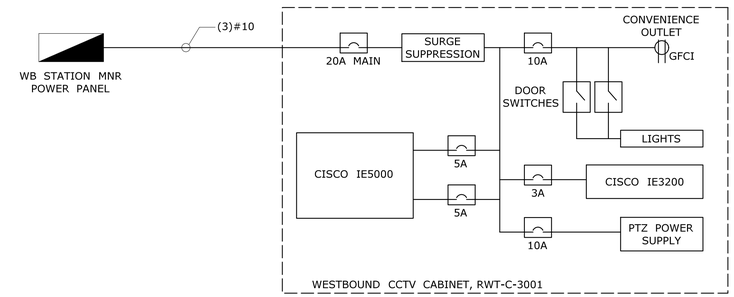
120/240VAC, 1 PHASE, 3 WIRE
FED FROM: UTILITY POWER
MAIN BREAKER: 100 AMP MAIN LUG PANEL
LOCATION: ON OUTSIDE WALL OF WESTBOUND STATION BUILDING

EXISTING MNR POWER PANEL
EASTBOUND ROWAYTON STATION

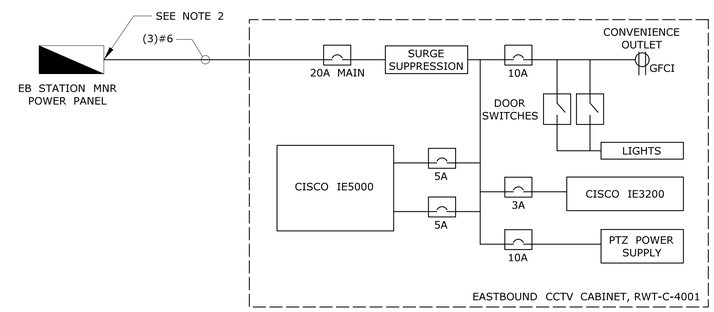
SERVICE	TRIP	CKT	CKT	TRIP	SERVICE	
EXISTING	20	1	2	20	EXISTING	
EXISTING	20	3	4	20	EXISTING	
EXISTING	20	5	6	20	EXISTING	
EXISTING	20	7	8	**20**	**EB CCTV CABINET, RWT-C-4001**	← SEE NOTE 1
SPACE		9	10		SPACE	
SPACE		11	12		SPACE	
SPACE		13	14		SPACE	
SPACE		15	16		SPACE	
SPACE		17	18		SPACE	
SPACE		19	20		SPACE	
SPACE		21	22		SPACE	
EXISTING	20	23	24	20	EXISTING	
EXISTING	20	25	26	20	EXISTING	
EXISTING	20	27	28	20	EXISTING	
EXISTING	20	29	30	20	EXISTING	
EXISTING	20	31	32	20	EXISTING	
EXISTING	20	33	34	20	EXISTING	
EXISTING	20	35	36	20	EXISTING	
EXISTING	20	37	38	20	EXISTING	
EXISTING	20	39	40	20	EXISTING	
SPACE		41	42		SPACE	

120/240VAC, 1 PHASE, 3 WIRE
FED FROM: UTILITY POWER
MAIN BREAKER: 100 AMP MAIN LUG PANEL
LOCATION: MIDDLE OF EASTBOUND PLATFORM UNDERNEATH SHELTER

1 FCI-554 **ROWAYTON STATION POWER PANEL SCHEDULES**
NOT TO SCALE



WESTBOUND PLATFORM



EASTBOUND PLATFORM

2 FCI-554 **ROWAYTON STATION POWER DISTRIBUTION**
NOT TO SCALE

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/20/2019

DESIGNER/DRAFTER: JY/MN
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STATE OF CONNECTICUT
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Filename: ...\FCI-554_CNS_SHEET_0300-0202.dgn

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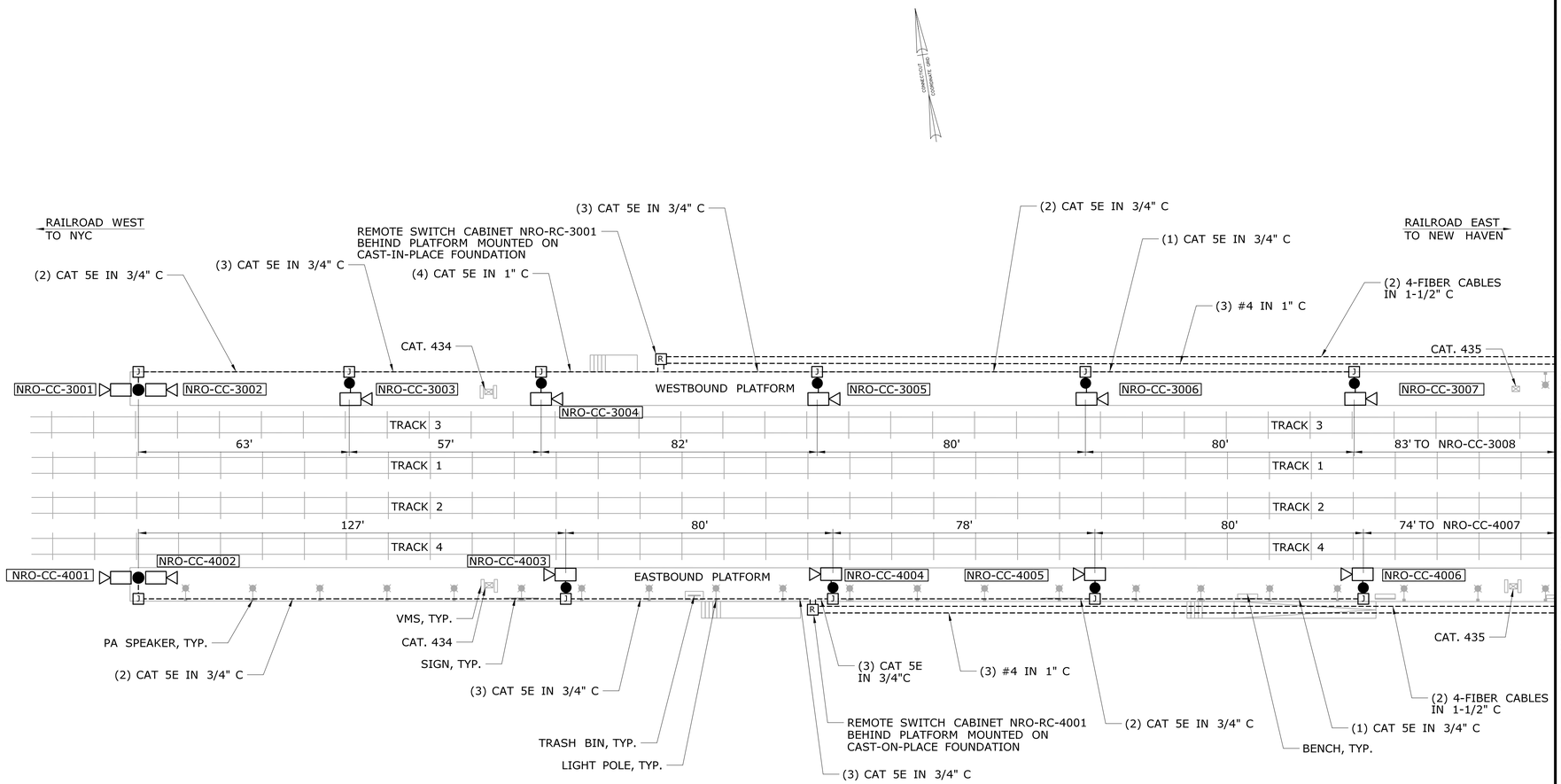
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **ROWAYTON STATION POWER DISTRIBUTION**

PROJECT NO. **0300-0202**
DRAWING NO. **FCI-554**
SHEET NO. **03.27**



MATCH LINE - SEE DRAWING NO. FCI-571

NOTES:

1. SEE DWG G-002 FOR GENERAL NOTES.
   SEE DWG G-003 FOR ABBREVIATIONS AND LEGEND.
2. CONDUITS ON THIS SHEET SHALL RUN UNDER PLATFORM UNLESS OTHERWISE NOTED.
3. SEE DWG. FCI-572 CAMERA SCHEDULE.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/MC

CHECKED BY: TC

SCALE IN FEET 0 20 40

SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-570_CNS_SHEET_0300-0202.dgn

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185 Plains Road
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Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

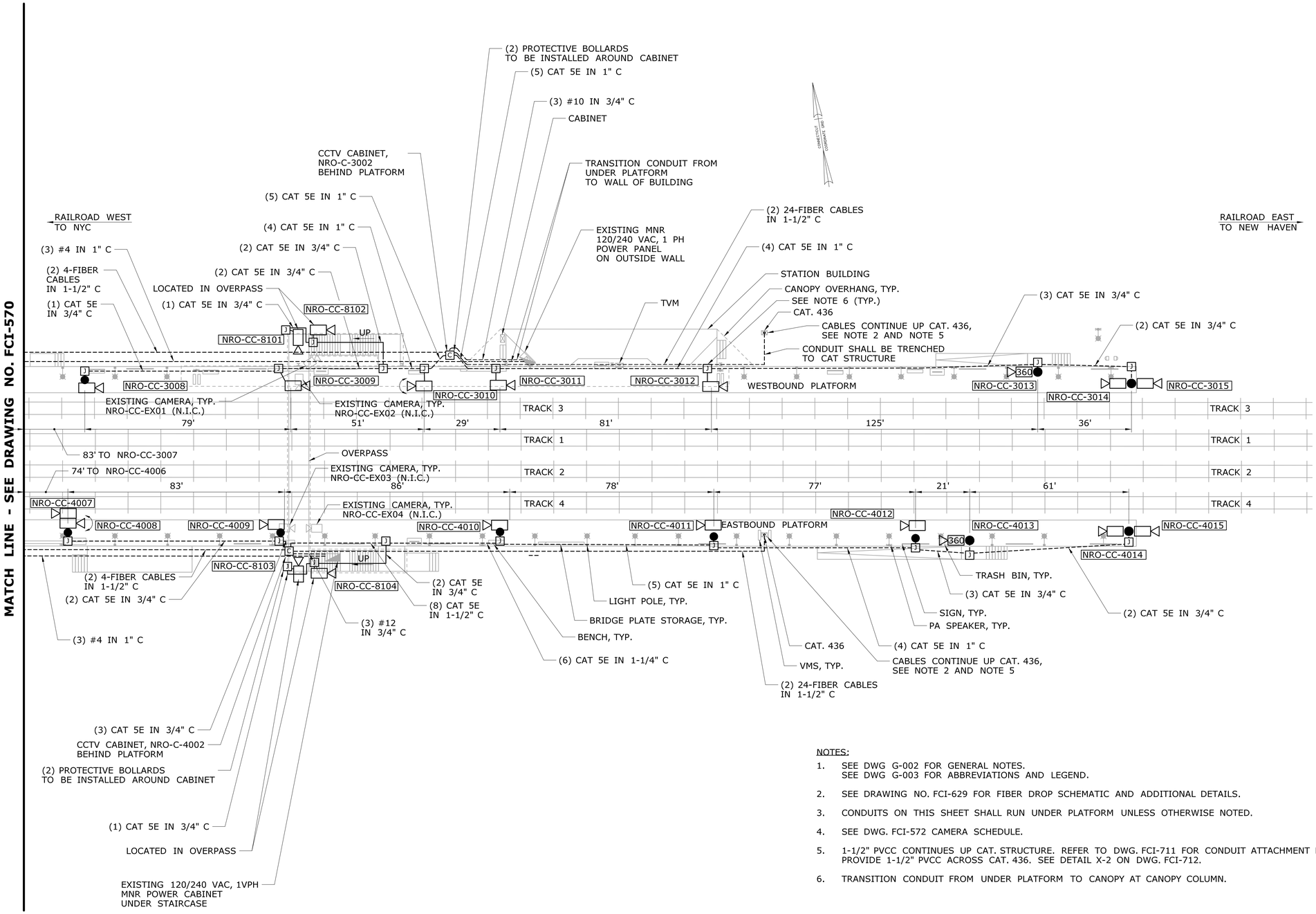
TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **NOROTON HEIGHTS STATION SHEET 1 OF 2**

PROJECT NO. **0300-0202**

DRAWING NO. **FCI-570**

SHEET NO. **03.28**



NOTES:

1. SEE DWG G-002 FOR GENERAL NOTES.
   SEE DWG G-003 FOR ABBREVIATIONS AND LEGEND.
2. SEE DRAWING NO. FCI-629 FOR FIBER DROP SCHEMATIC AND ADDITIONAL DETAILS.
3. CONDUITS ON THIS SHEET SHALL RUN UNDER PLATFORM UNLESS OTHERWISE NOTED.
4. SEE DWG. FCI-572 CAMERA SCHEDULE.
5. 1-1/2" PVCC CONTINUES UP CAT. STRUCTURE. REFER TO DWG. FCI-711 FOR CONDUIT ATTACHMENT DETAILS. PROVIDE 1-1/2" PVCC ACROSS CAT. 436. SEE DETAIL X-2 ON DWG. FCI-712.
6. TRANSITION CONDUIT FROM UNDER PLATFORM TO CANOPY AT CANOPY COLUMN.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/MC
CHECKED BY: TC
SCALE IN FEET 0 20 40
SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-571_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY
NEW HAVEN LINE
PHASE 3

TOWN: STAMFORD TO WESTPORT

DRAWING TITLE: NOROTON HEIGHTS STATION
SHEET 2 OF 2

PROJECT NO. 0300-0202
DRAWING NO. FCI-571
SHEET NO. 03.29

CAMERA NUMBER	DESCRIPTION	CAMERA TYPE	MOUNTING TYPE	MOUNTING DETAIL	MOUNTING HEIGHT (SEE NOTE 3)	DOME COVER	LENS	CCTV CABINET	NOTES
NRO-CC-3001	WESTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	3-9mm	NRO-RC-3001	POLE SHARED WITH NRO-CC-3002
NRO-CC-3002	WESTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	SMOKED	3-9mm	NRO-RC-3001	POLE SHARED WITH NRO-CC-3001
NRO-CC-3003	WESTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	NRO-RC-3001	
NRO-CC-3004	WESTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	NRO-RC-3001	
NRO-CC-3005	WESTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	NRO-RC-3001	
NRO-CC-3006	WESTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	NRO-RC-3001	
NRO-CC-3007	WESTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	NRO-RC-3001	
NRO-CC-3008	WESTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	NRO-C-3002	
NRO-CC-3009	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	NRO-C-3002	
NRO-CC-3010	WESTBOUND PLATFORM	PTZ	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	4.4-132mm	NRO-C-3002	
NRO-CC-3011	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	NRO-C-3002	
NRO-CC-3012	WESTBOUND PLATFORM	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	NRO-C-3002	
NRO-CC-3013	WESTBOUND PLATFORM	360	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	1.342mm	NRO-C-3002	SEE NOTE 4
NRO-CC-3014	WESTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	SMOKED	3-9mm	NRO-C-3002	POLE SHARED WITH NRO-CC-3015
NRO-CC-3015	WESTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	3-9mm	NRO-C-3002	POLE SHARED WITH NRO-CC-3014
NRO-CC-4001	EASTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	3-9mm	NRO-RC-4001	POLE SHARED WITH NRO-CC-4002
NRO-CC-4002	EASTBOUND PLATFORM - WEST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	SMOKED	3-9mm	NRO-RC-4001	POLE SHARED WITH NRO-CC-4001
NRO-CC-4003	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	NRO-RC-4001	
NRO-CC-4004	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	NRO-RC-4001	
NRO-CC-4005	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	NRO-RC-4001	
NRO-CC-4006	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	NRO-RC-4001	
NRO-CC-4007	EASTBOUND PLATFORM	FIXED	POLE TYPE C	FCI-660, DETAIL 2	8'-6"	SMOKED	3-9mm	NRO-C-4002	POLE SHARED WITH NRO-CC-4008
NRO-CC-4008	EASTBOUND PLATFORM	PTZ	POLE TYPE C	FCI-660, DETAIL 2	8'-6"	SMOKED	4.4-132mm	NRO-C-4002	POLE SHARED WITH NRO-CC-4007
NRO-CC-4009	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	NRO-C-4002	
NRO-CC-4010	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	NRO-C-4002	
NRO-CC-4011	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	NRO-C-4002	
NRO-CC-4012	EASTBOUND PLATFORM	FIXED	POLE TYPE D	FCI-660, DETAIL 3	8'-6"	SMOKED	3-9mm	NRO-C-4002	
NRO-CC-4013	EASTBOUND PLATFORM	360	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	1.342mm	NRO-C-4002	SEE NOTE 4
NRO-CC-4014	EASTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	SMOKED	3-9mm	NRO-C-4002	POLE SHARED WITH NRO-CC-4015
NRO-CC-4015	EASTBOUND PLATFORM - EAST END	FIXED	POLE TYPE B	FCI-660, DETAIL 1	8'-6"	CLEAR	3-9mm	NRO-C-4002	POLE SHARED WITH NRO-CC-4014
NRO-CC-8101	WESTBOUND PLATFORM - OVERPASS	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	NRO-C-3002	
NRO-CC-8102	WESTBOUND PLATFORM - STAIRS	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	NRO-C-3002	
NRO-CC-8103	EASTBOUND PLATFORM - OVERPASS	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	NRO-C-4002	
NRO-CC-8104	EASTBOUND PLATFORM - STAIRS	FIXED	CANOPY	FCI-661, DETAIL 2	9'-0"	SMOKED	3-9mm	NRO-C-3002	

NOTES:

1. SEE DWG. FCI-570 AND FCI-571 FOR DEVICE LAYOUT.
2. SEE DWG. FCI-573 FOR STATION DEVICE CONNECTIVITY DIAGRAM.
3. MOUNTING HEIGHTS ARE APPROXIMATE AND SHALL BE COORDINATED WITH EXISTING FIELD CONDITIONS AND PRE-INSTALLATION FIELD-OF-VIEW SURVEYS BY THE CONTRACTOR.
4. POLE LOCATION VARIES FROM DETAIL LISTED. ALL OTHER ELEMENTS OF THE DETAIL SHALL APPLY. MOUNT POLE TOWARDS BACK EDE OF PLATFORM AS SHOWN ON DWG. FCI-571.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/MC

CHECKED BY: TC

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-572_CNS_SHEET_0300-0202.dgn

SIGNATURE/ BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

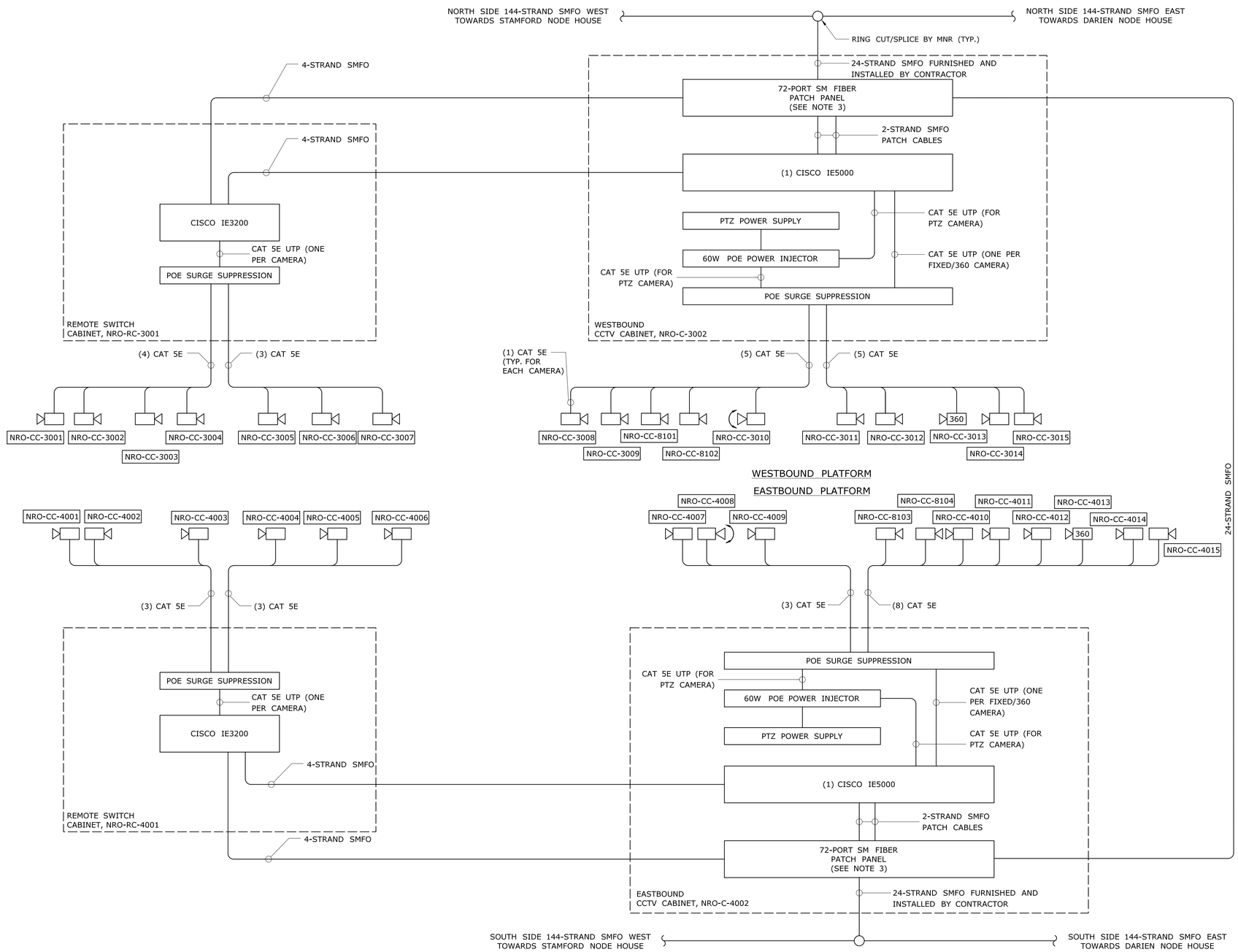
TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **NOROTON HEIGHTS STATION CAMERA SCHEDULE**

PROJECT NO. 0300-0202

DRAWING NO. FCI-572

SHEET NO. 03.30



NOTES:

1. SEE DWG. FCI-601 FOR BACKBONE FIBER ARCHITECTURE.
2. SEE DWG. FCI-570 AND FCI-571 FOR DEVICE LAYOUT.
3. FURNISH SMFO PATCH CABLES REQUIRED FOR COMPELTE SYSTEM CONNECTIVITY.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/RL

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STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-573_CNS_Sheet_0300-0202.dgn

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STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **NOROTON HEIGHTS STATION DEVICE CONNECTIVITY**

PROJECT NO. **0300-0202**

DRAWING NO. **FCI-573**

SHEET NO. **03.31**

NOTES:

1. FURNISH AND INSTALL 20A BREAKER. BREAKER SHALL BE OF SAME TYPE AND AIC RATING AS EXISTING.

2. INSTALL INSULATED WIRE CONNECTORS TO CONNECT LARGER SIZE WIRES TO #8 AWG WIRE AND CONNECT #8 AWG WIRE TO 20 AMP BRANCH CIRCUIT BREAKER IN POWER PANEL.

EXISTING MNR POWER PANEL
WESTBOUND NOROTON HEIGHTS STATION

SERVICE	TRIP	CKT	CKT	TRIP	SERVICE	
EXISTING	100	1	2	20	SPARE	
EXISTING	100	3	4	20	SPARE	
EXISTING	20	5	6	20	EXISTING	
EXISTING	20	7	8	20	EXISTING	
EXISTING	20	9	10	20	EXISTING	
EXISTING	20	11	**12**	**20**	**WB CCTV CABINET, NRO-C-3002**	SEE NOTE 1
EXISTING	20	13	**14**	**20**	**WB REMOTE SW CAB, NRO-RC-3001**	SEE NOTE 1
EXISTING	20	15	16		SPACE	
EXISTING	20	17	18		SPACE	
EXISTING	20	19	20		SPACE	
EXISTING	20	21	22		SPACE	
EXISTING	20	23	24		SPACE	

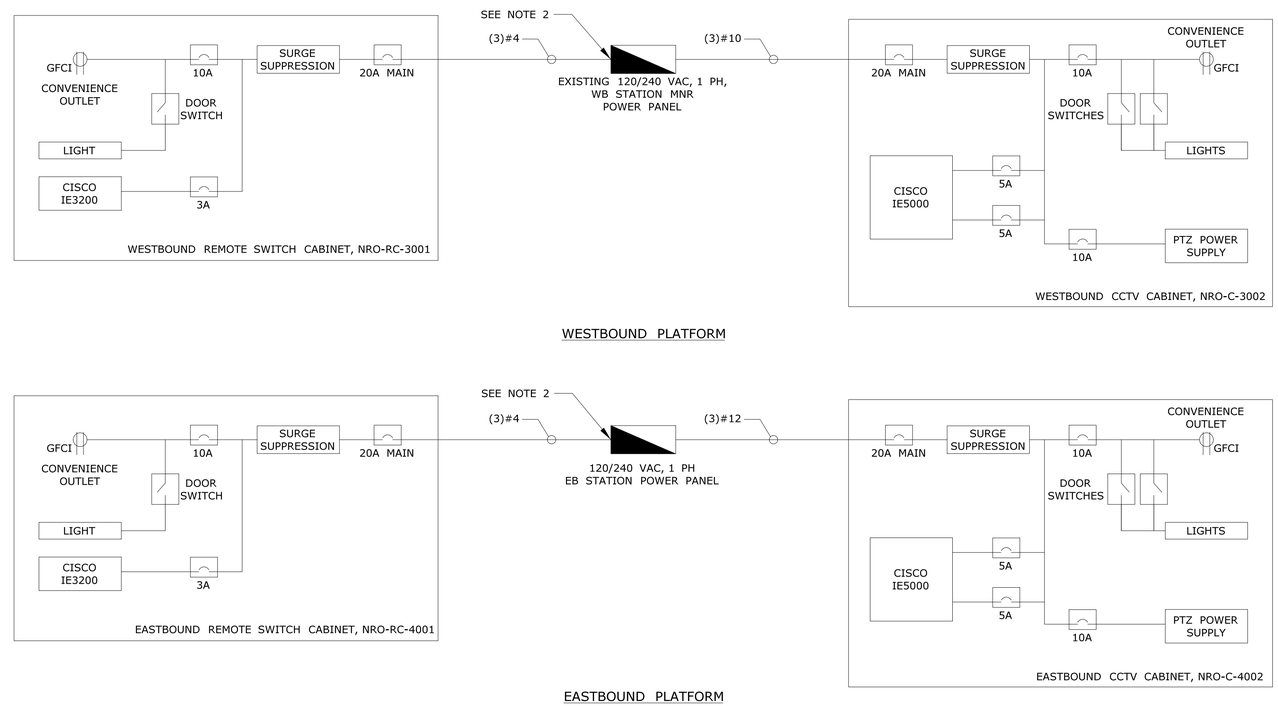
120/240VAC, 1 PHASE, 3 WIRE
FED FROM: UTILITY POWER
MAIN BREAKER: 225 AMP MAIN LUG PANEL
LOCATION: OUTSIDE WALL OF STATION BUILDING ON WESTBOUND PLATFORM

EXISTING MNR POWER PANEL
EASTBOUND NOROTON HEIGHTS STATION

SERVICE	TRIP	CKT	CKT	TRIP	SERVICE	
EXISTING	15	1	2	15	SPARE	
EXISTING	15	3	4	15	EXISTING	
SPARE	15	5	6	15	SPARE	
EXISTING	15	7	8	15	SPARE	
SPARE	15	9	10	15	SPARE	
SPARE	20	11	12		SPACE	
EXISTING	20	13	14	60	EXISTING	
EXISTING	40	15	16	20	EXISTING	
SEE NOTE 1 **EB CCTV CABINET, NRO-C-4002**	**20**	**17**	**18**	**20**	**EB REMOTE SW CAB, NRO-RC-4001**	SEE NOTE 1
SPACE		19	20		SPACE	
SPACE		21	22		SPACE	
SPACE		23	24		SPACE	
SPACE		25	26		SPACE	
SPACE		27	28		SPACE	
SPACE		29	30		SPACE	

120/240VAC, 1 PHASE, 3 WIRE
FED FROM: UTILITY POWER
MAIN BREAKER: 225 AMP MAIN PANEL
LOCATION: MIDDLE OF EASTBOUND PLATFORM UNDER OVERPASS

1 FCI-574 **NOROTON HEIGHTS STATION POWER PANEL SCHEDULES**
NOT TO SCALE



2 FCI-574 **NOROTON HEIGHTS STATION POWER DISTRIBUTION**
NOT TO SCALE

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/20/2019

DESIGNER/DRAFTER: JY/MN
CHECKED BY: TC
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-574_CNS_SHEET_0300-0202.dgn

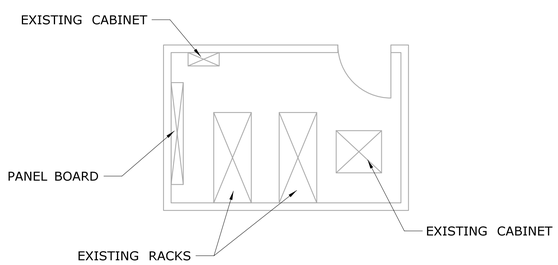
SIGNATURE/BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

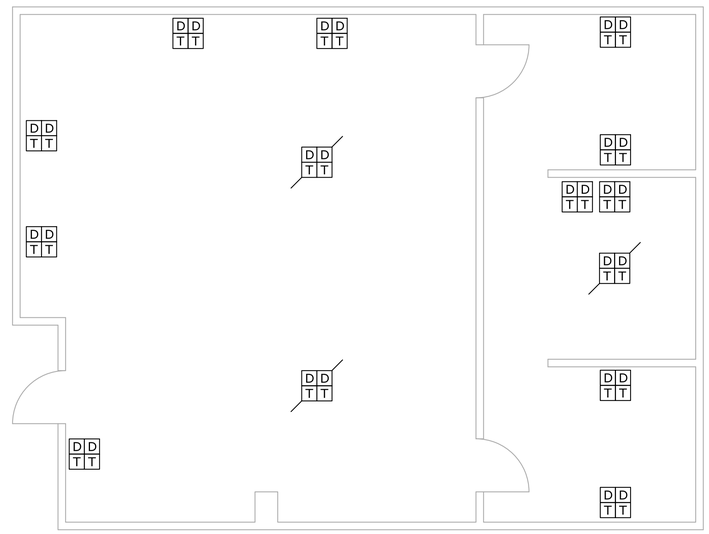
DRAWING TITLE: **NOROTON HEIGHTS STATION POWER DISTRIBUTION**

PROJECT NO. 0300-0202
DRAWING NO. FCI-574
SHEET NO. 03.32



ROOM 416 (IT/COMM ROOM)

SCALE: 1" = 5'



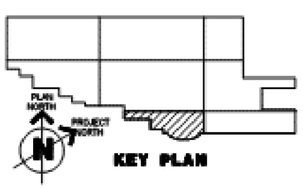
CCO SHOP ROOM 442A- EXISTING DATA OUTLET PLAN

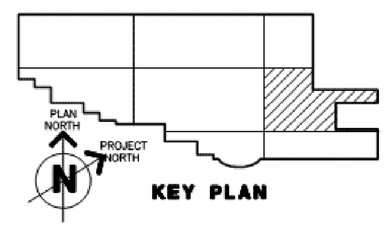
SCALE: 1" = 5'

LEGEND

D D T T — (4) GANG FACEPLATE, (2) DATA RJ-45, (2) TELEPHONE RJ-45

D D T T — FLOOR BOX (4) GANG, (2) DATA RJ-45, (2) TELEPHONE RJ-45





NOTES:

1. EXTEND (1) TELEPHONE JACK TO EACH CONSOLE DESK AND (1) FOR CONFERENCE TABLE.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/MC

CHECKED BY: TC

SCALE IN FEET 0 5 10

SCALE 1"=5'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-580_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

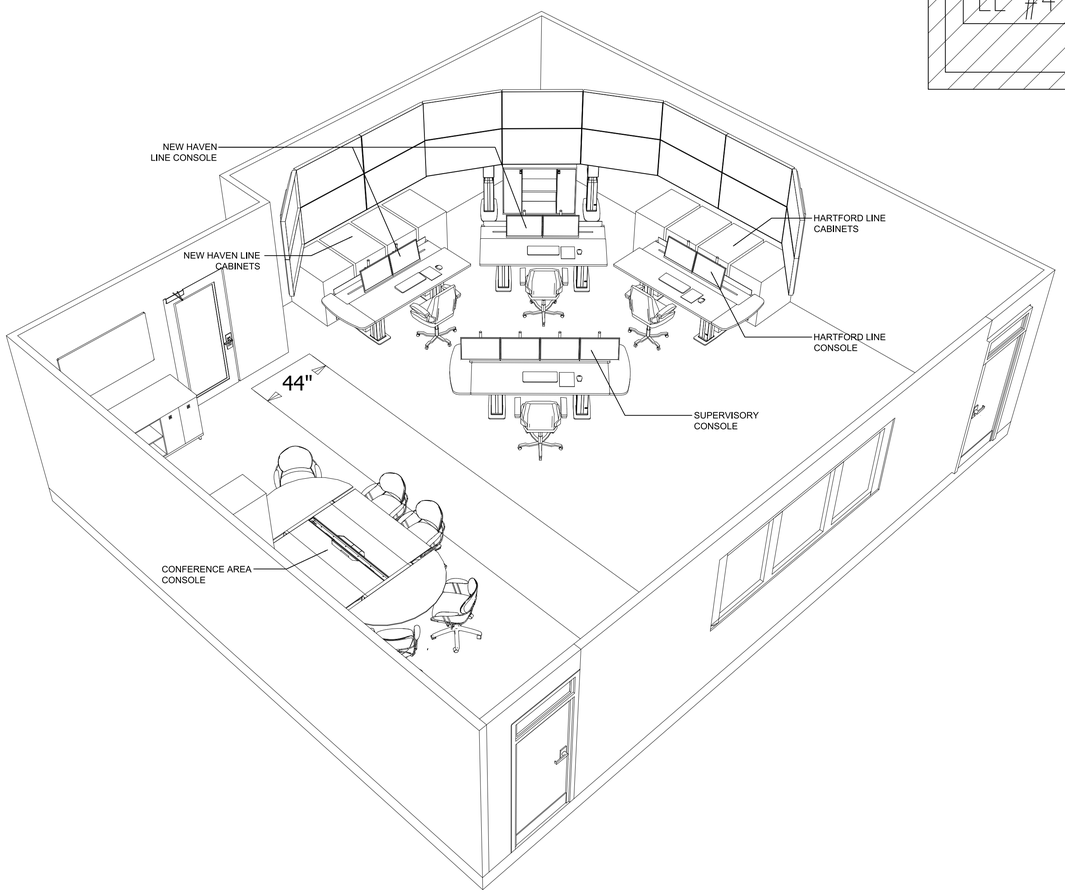
TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **CCO SHOP ROOM 442A EXISTING PLAN**

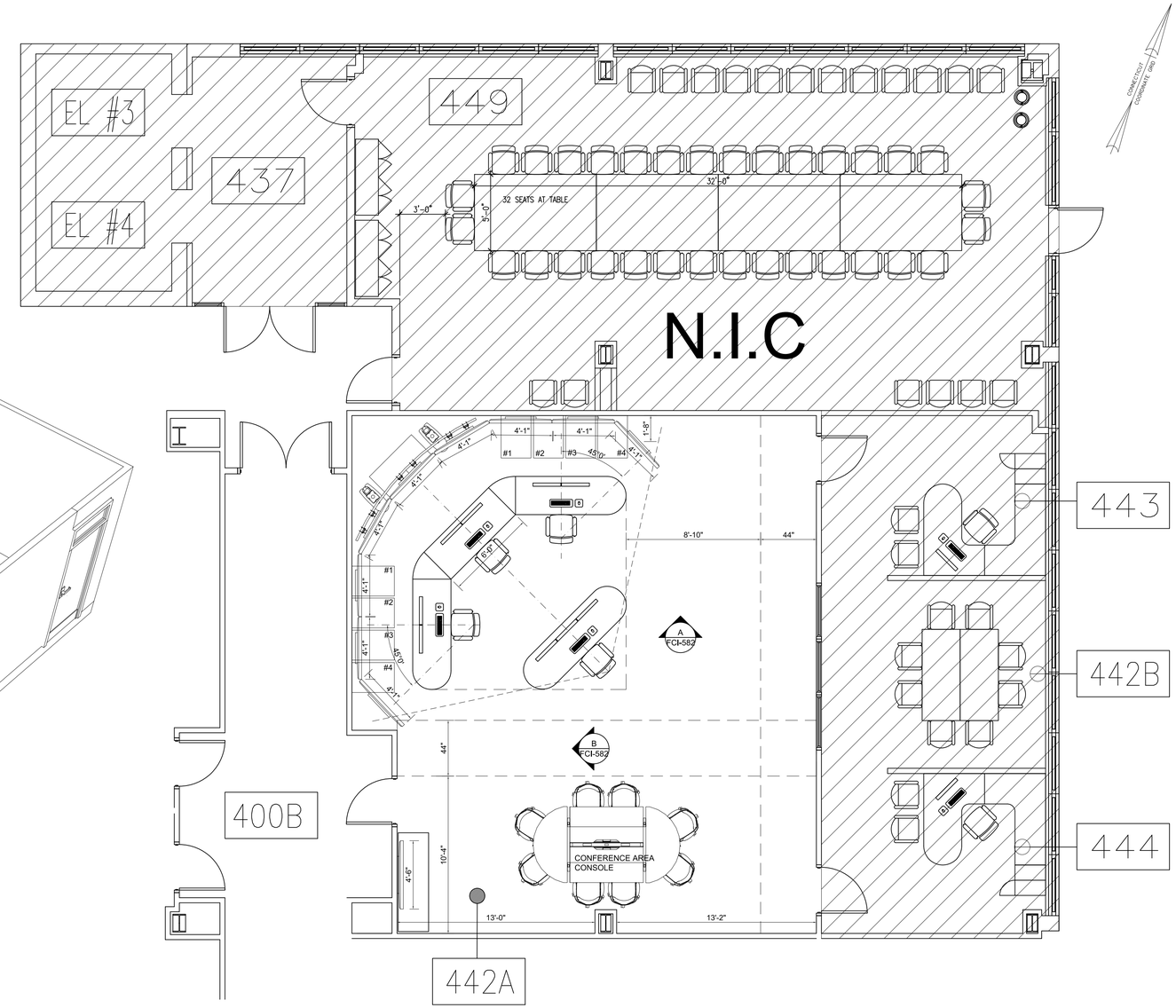
PROJECT NO. **0300-0202**

DRAWING NO. **FCI-580**

SHEET NO. **03.33**



ISOMETRIC VIEW



1 FCI-581 **INTERIOR LAYOUT FLOOR PLAN**

SCALE: N.T.S

CCO SHOP ROOM 442A - PLAN & ISOMETRIC VIEW

SCALE: N.T.S

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/25/2019

DESIGNER/DRAFTER: DC/DC

CHECKED BY: TC

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-581_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **CCO SHOP ROOM 442A FIT-OUT**

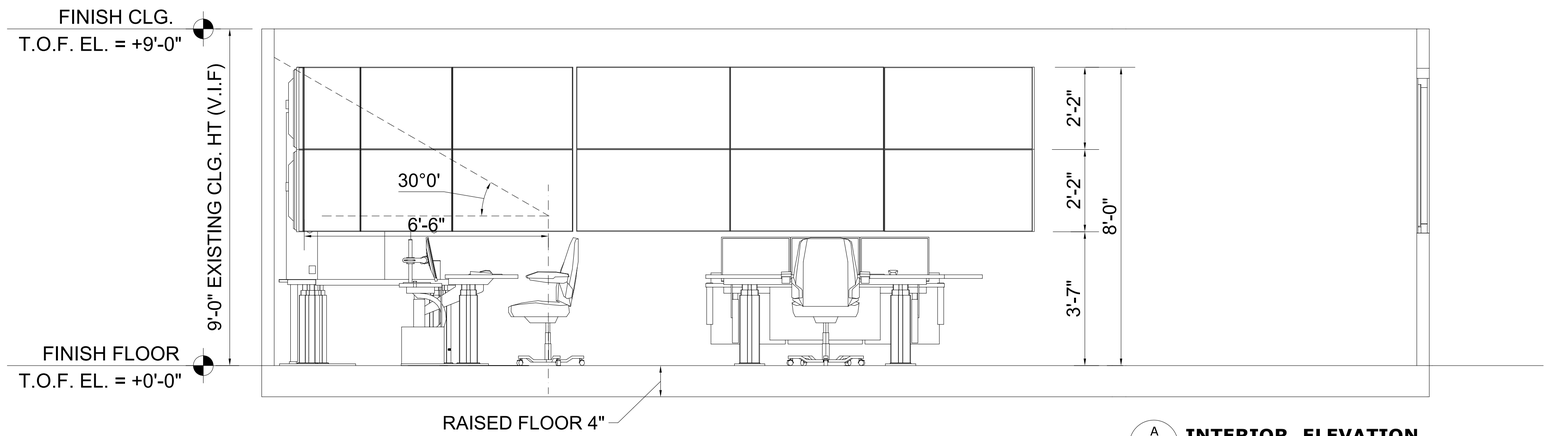
PROJECT NO. **0300-0202**

DRAWING NO. **FCI-581**

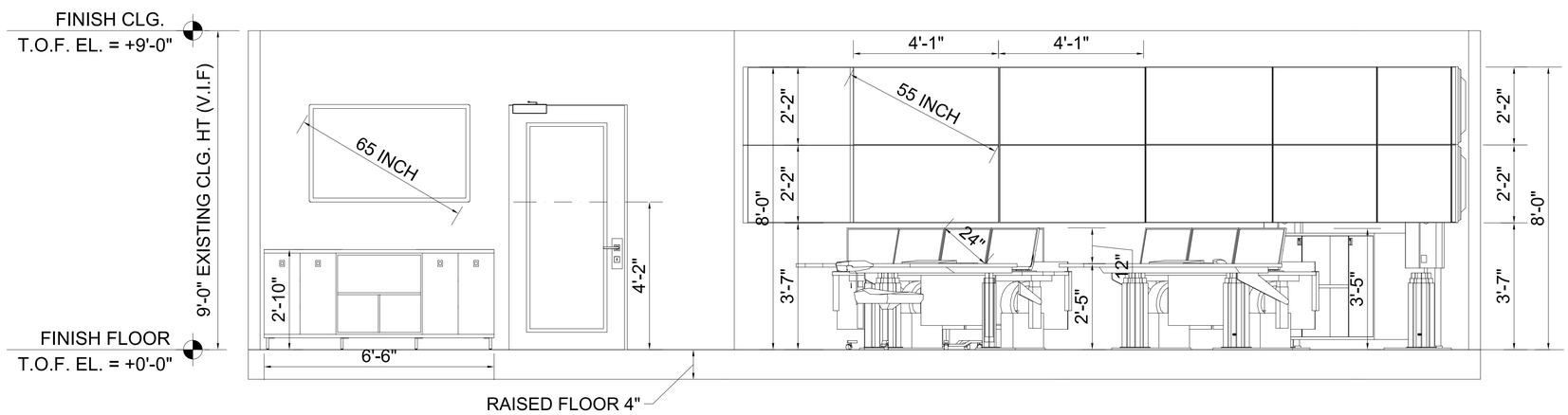
SHEET NO. **03.34**

NOTE:

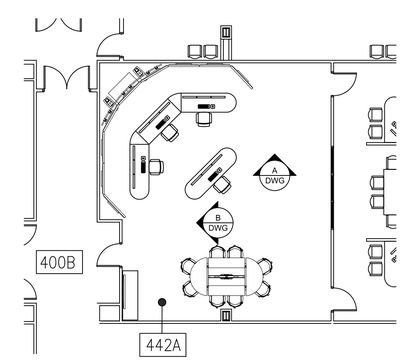
1. CENTER CONSOLE NOT SHOWN ON ELEVATIONS FOR CLARITY.



A / FCI-582 **INTERIOR ELEVATION**
SCALE: N.T.S



B / FCI-582 **INTERIOR ELEVATION**
SCALE: N.T.S



KEY PLAN

CCO SHOP ROOM 442A - INTERIOR ELEVATIONS
SCALE: N.T.S

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/20/2019

DESIGNER/DRAFTER: DC/DC
CHECKED BY: TC
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-582_CNS_SHEET_0300-0202.dgn

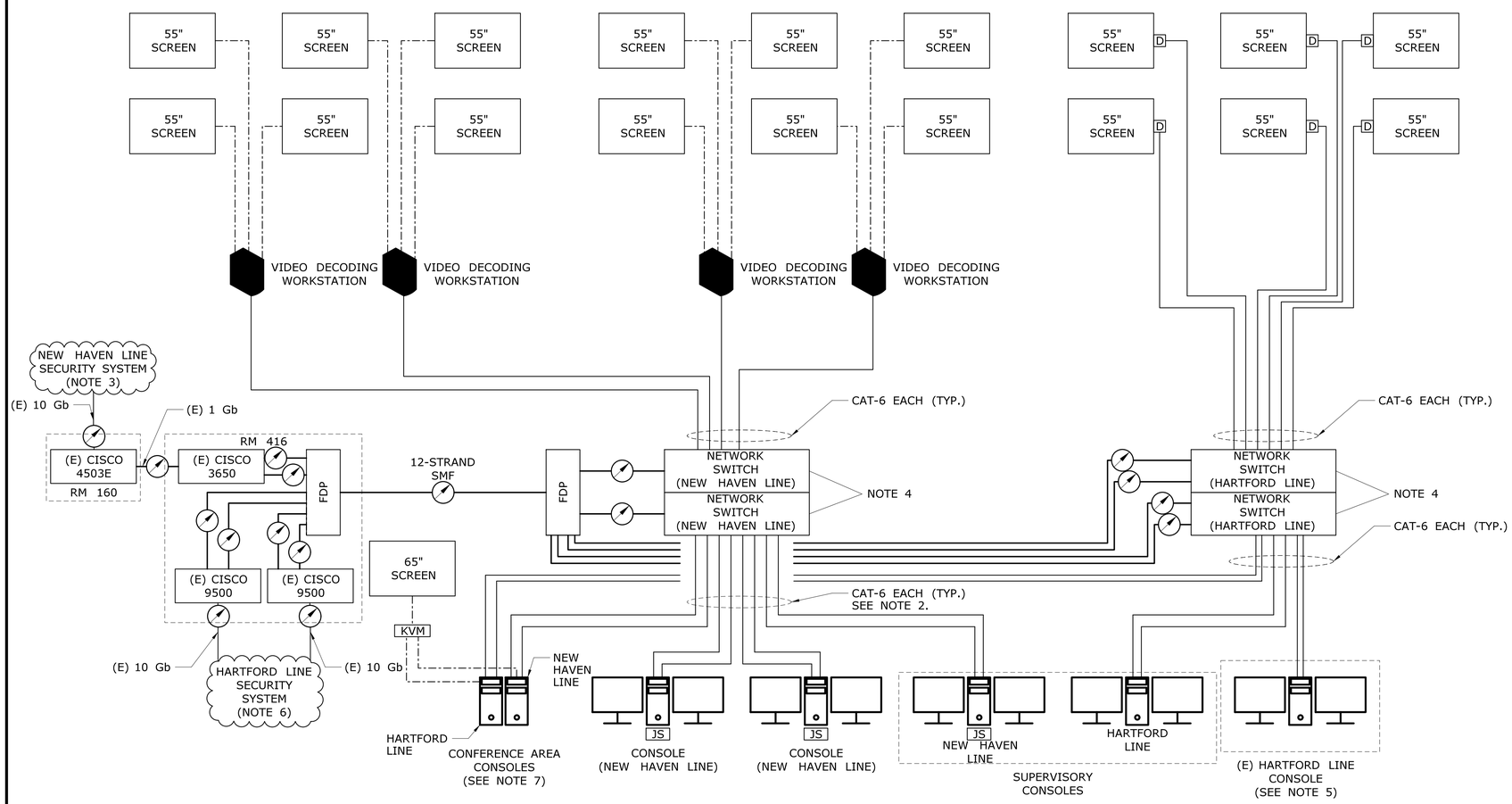
SIGNATURE/ BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVE LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **CCO SHOP ROOM 442A FIT-OUT ELEVATIONS**

PROJECT NO. 0300-0202
DRAWING NO. FCI-582
SHEET NO. 03.35



LEGEND:

CAT 6

HDMI CABLE

FIBER OPTIC

VIDEO DECODER — D

JOYSTICK CONTROLLER — JS

KEYBOARD/VIDEO/ MOUSE SWITCHER — KVM

NOTES:

1. THIS IS AN SYSTEM LEVEL PORTRAYAL OF THE VIDEO WALL AND CONSOLE SYSTEM IN ROOM 442A OF THE CCO. CONTRACTOR SHALL PROVIDE ALL NECESSARY COMPONENTS FOR A COMPLETE FUNCTIONING SYSTEM.

2. EACH WORKSTATION AND CONSOLE SHALL BE CONNECTED TO TWO ETHERNET SWITCHES VIA TWO SEPARATE CAT-6 CABLES.

3. REFER TO DRAWING FCI-654 FOR ADDITIONAL DETAILS ON NEW HAVEN LINE NETWORK.

4. TWO NETWORK SWITCHES SHALL BE STACKED AS ONE VIRTUAL SWITCH.

5. RELOCATE EXISTING HARTFORD LINE CONSOLE AND DECODER FROM RM 442B TO 442A.

6. REFER TO FCI-655 FOR ADDITIONAL DETAILS ON HARTFORD LINE SYSTEM.

7. PROVIDE TWO WORKSTATIONS AT THE CONFERENCE AREA. PROVIDE KVM SWITCH AND CONNECT THE WORKSTATIONS TO THE SAME 65" SCREEN. HARTFORD LINE WORKSTATION SHALL BE PROVIDED WITH PELCO VIDEOXPERT SOFTWARE. NEW HAVEN LINE WORKSTATION SHALL BE PROVIDED WITH VERINT VIDEO SOFTWARE.

8. PROVIDE TWO NEW 1 Gb SFP FOR EXISTING CISCO 3650 SWITCH (NEW HAVEN LINE). PROVIDE FOUR NEW 1 Gb SFP FOR EXISTING CISCO 9500 SWITCH (HARTFORD LINE).

9. ALL EQUIPMENT AND CONNECTIONS ARE NEW UNLESS OTHERWISE NOTED.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/20/2019

DESIGNER/DRAFTER: JY/MC

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STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-583_CNS_SHEET_0300-0202.dgn

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STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

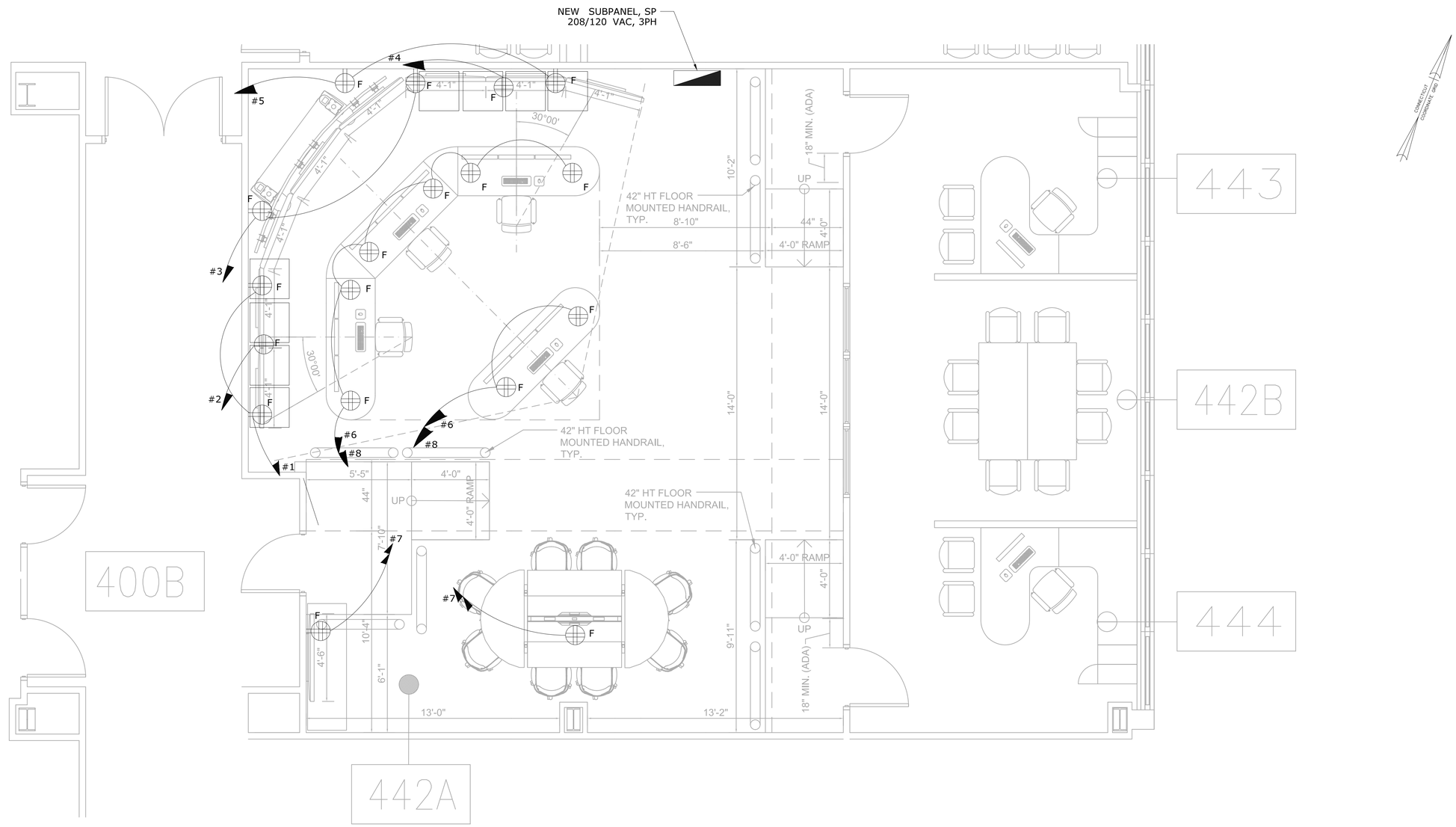
TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **CCO ROOM 442A VIDEO WALL AND CONSOLE SYSTEM BLOCK DIAGRAM**

PROJECT NO. **0300-0202**

DRAWING NO. **FCI-583**

SHEET NO. **03.36**



1 / 584 **ELECTRICAL LAYOUT**
SCALE: N.T.S

NOTES:

1. SIZE FOR BRANCH CIRCUIT IS #12 AWG, UON

LEGENDS:

F QUAD RECEPTACLE / QUAD DATA JACK FLOOR MOUNT

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/11/2019

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Filename: ...\FCI-584_CNS_SHEET_0300-0202.dgn

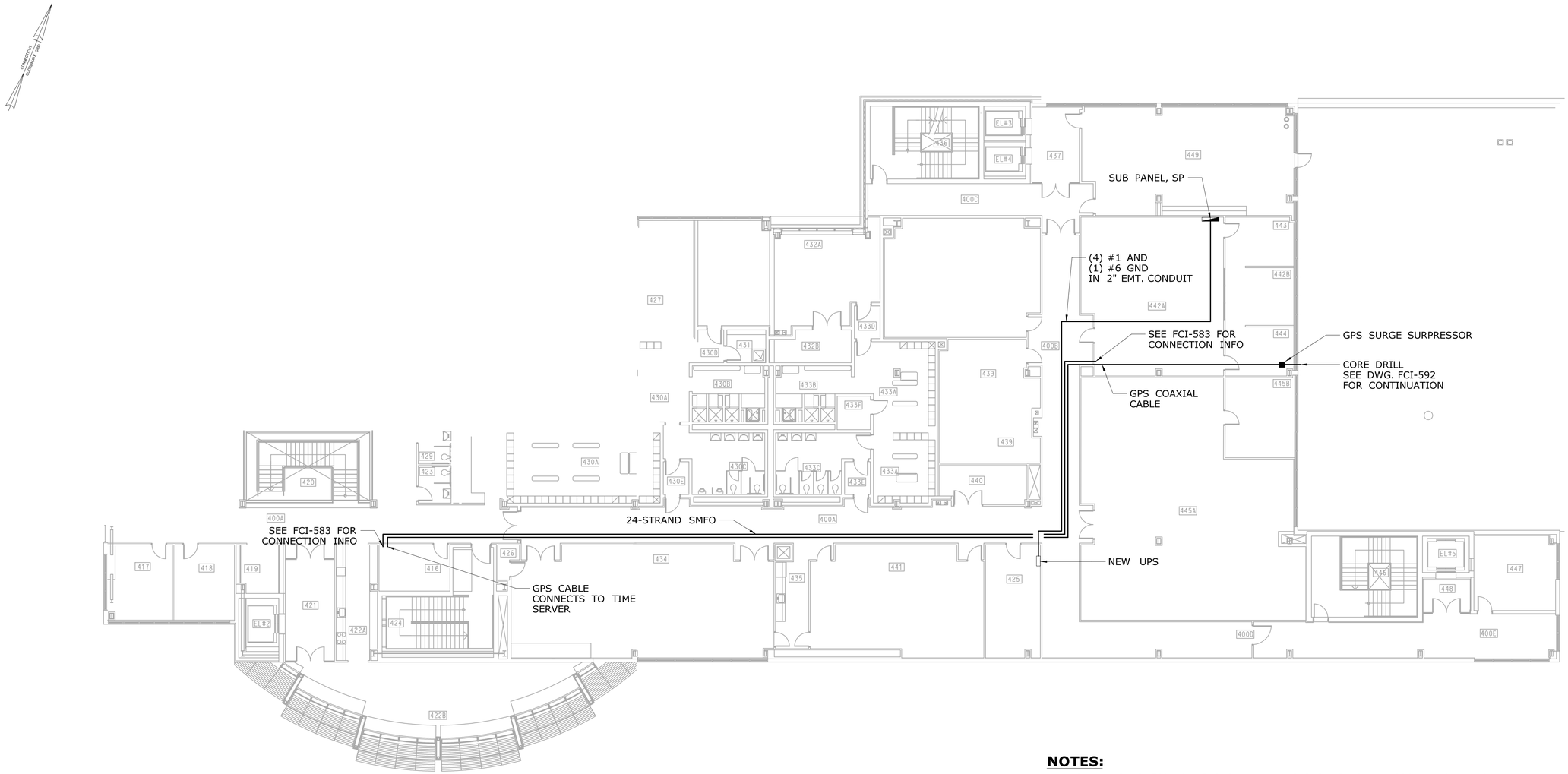
SIGNATURE/BLOCK:
STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **CCO SHOP ROOM 442A ELECTRICAL LAYOUT PLAN**

PROJECT NO. 0300-0202
DRAWING NO. FCI-584
SHEET NO. 03.37



FLOOR LAYOUT PLAN

N.T.S.

NOTES:

1. SEE DWG. FCI-592 FOR GPS CABLE AND GPS SURGE SURPRESSOR INFORMATION.
2. 24-STRAND SMFO CABLE AND GPS COAXIAL CABLE SHALL BE RUN ALONG EXISTING HOOKS OVER THE DROP CEILING. BOTH CABLES SHALL BE PLENUM RATED.
3. POWER CABLE SHALL BE RUN IN 1" EMT CONDUIT ABOVE DROP CEILING.
4. CONTRACTOR SHALL COORDINATE WITH FACILITY MANAGER. WORK SHALL BE RESTRICTED TO WEEKENDS.
5. CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT COST FOR DAMAGED CEILING TILE DURING CONSTRUCTION PHASE.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/25/2019

DESIGNER/DRAFTER: DC/DC

CHECKED BY: TC

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-585_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **CCO SHOP FOURTH FLOOR PLAN**

PROJECT NO. 0300-0202

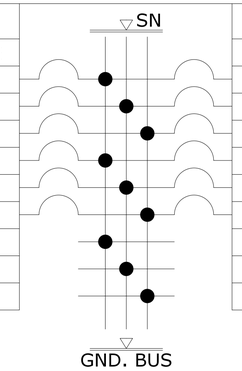
DRAWING NO. FCI-585

SHEET NO. 03.38

DESIGNATION: SUB PANEL, SP
SERVICE: 208Y/120V, 3 ∅, 4W
MAINS: 100A MAIN CIRCUIT BREAKER
NEUTRAL BUS: 100A
GROUND BUS: CU

MOUNTING: SURFACE
LOCATION: CONN. DOT SECURITY ROOM 442A
MIN. INTERRUPTING RATING: 65,000 A
BRANCH CIRCUIT BREAKER MIN. INTERRUPTING RATING: 65,000 A

CKT. NO.	SERVICES	LOAD (KVA)			BREAKER		BREAKER		LOAD (KVA)			SERVICES	CKT. NO.
		A∅	B∅	C∅	TRIP	POLE	POLE	TRIP	A∅	B∅	C∅		
1	**WALL QUAD RECEP.**	**2.4**			**20**	**1**	**1**	**20**	**2.2**			**LAN**	2
3	**WALL QUAD RECEP.**		**2.4**		**20**	**1**	**1**	**20**		**4.75**		**VIDEO WALL WORKSTATION**	4
5	**WALL QUAD RECEP.**			**2.4**	**20**	**1**	**1**	**20**			**4.75**	**DESK WORKSTATION**	6
7	**CONFERENCE MONITOR**	**0.2**			**20**	**1**	**1**	**20**	**0.24**			**DESK MONITORS**	8
9	**SPARE**				**20**	**1**	**1**	**20**				**SPARE**	10
11	**SPARE**				**20**	**1**	**1**	**20**				**SPARE**	12
13	**SPACE**											**SPACE**	14
15	**SPACE**											**SPACE**	16
17	**SPACE**											**SPACE**	18
	SUBTOTAL CONNECTED	**2.6**	**2.4**	**2.4**					**2.44**	**4.75**	**4.75**	SUBTOTAL CONNECTED	



"A∅" TOTAL CONNECTED (KVA):	**5.04**
"B∅" TOTAL CONNECTED (KVA):	**7.15**
"C∅" TOTAL CONNECTED (KVA):	**7.15**
TOTAL CONNECTED (KVA):	**19.34**

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/26/2019

DESIGNER/DRAFTER: DC/DC
CHECKED BY: TC
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-586_CNS_SHEET_0300-0202.dgn

SIGNATURE/ BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:
NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE:
CCO SHOP ROOM 442A ELECTRICAL PANEL SCHEDULE

PROJECT NO. **0300-0202**
DRAWING NO. **FCI-586**
SHEET NO. **03.39**

ROOM 425 EXISTING LAYOUT PLAN

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

0 1 2

NOTES:

1. SEE DWG. FCI-588 FOR RELOCATION/REMOVAL PLAN.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/20/2019

DESIGNER/DRAFTER: JY/MG

CHECKED BY: TC

SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-587_CNS_SHEET_0300-0202.dgn

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STV Incorporated
185 Plains Road
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Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

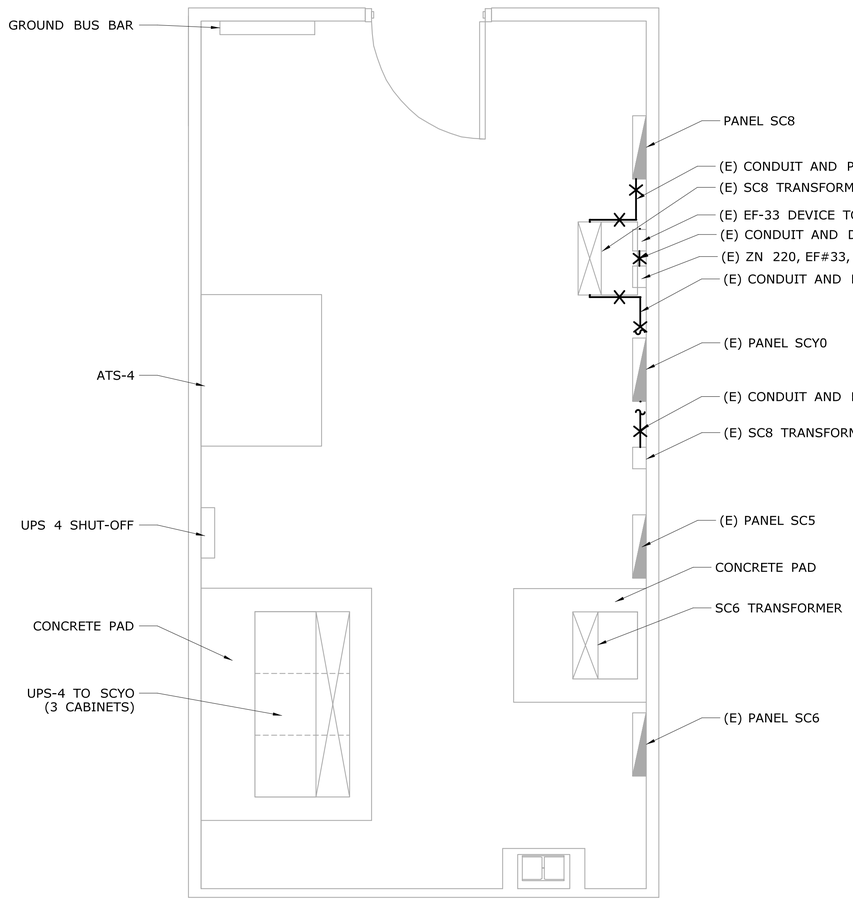
TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **CCO SHOP ROOM 425 EXISTING PLAN**

PROJECT NO. **0300-0202**

DRAWING NO. **FCI-587**

SHEET NO. **03.40**



ROOM 425 RELOCATION/REMOVAL LAYOUT PLAN

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

0 1 2

NOTES:

1. RELOCATE SC8 TRANSFORMER, EF-33 DEVICE AND ZN 220 DEVICE AS SHOWN ON DWG. FCI-589.
2. CONTRACTOR SHALL COORDINATE WITH THE FACILITY MANAGER. WORK SHALL BE RESTRICTED TO WEEKENDS.

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Plotted Date: 6/25/2019

DESIGNER/DRAFTER: DC/DC

CHECKED BY: TC

SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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SIGNATURE/BLOCK:

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185 Plains Road
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Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

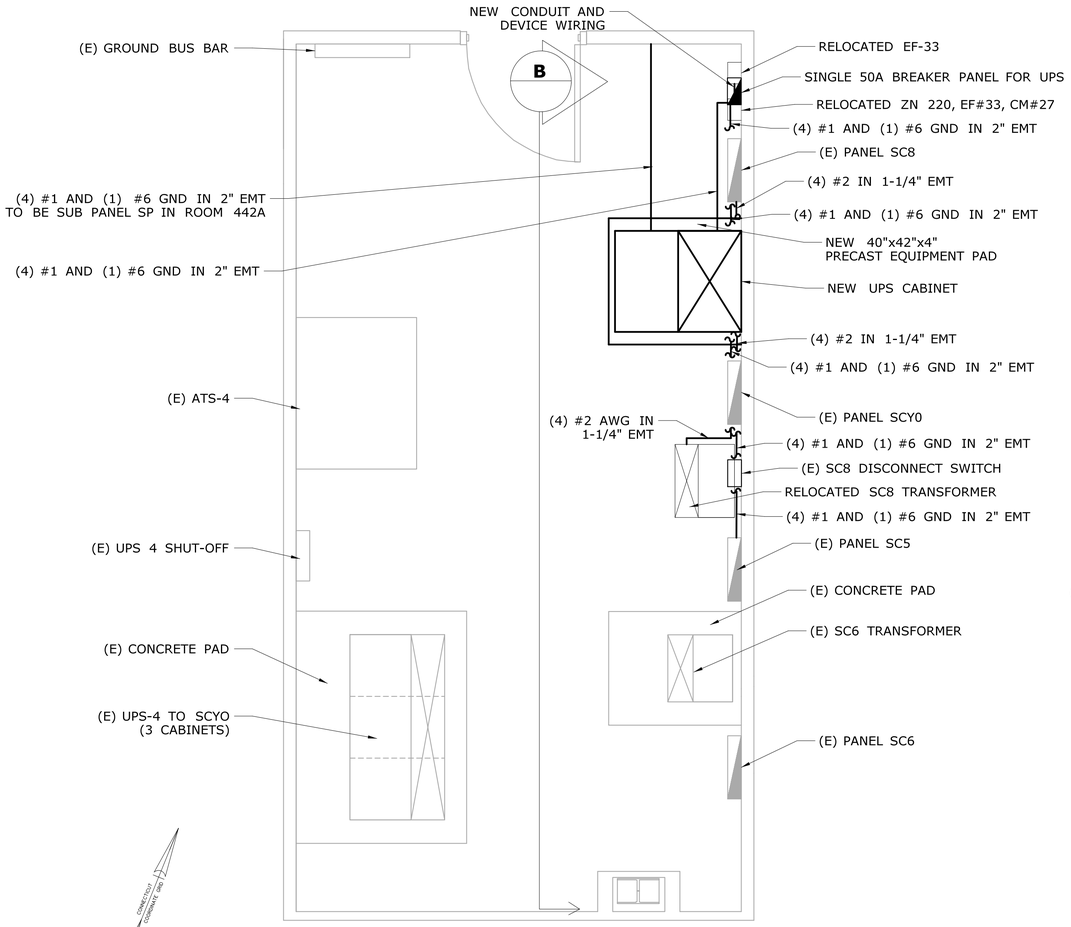
TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **CCO SHOP ROOM 425 RELOCATION/REMOVAL PLAN**

PROJECT NO. 0300-0202

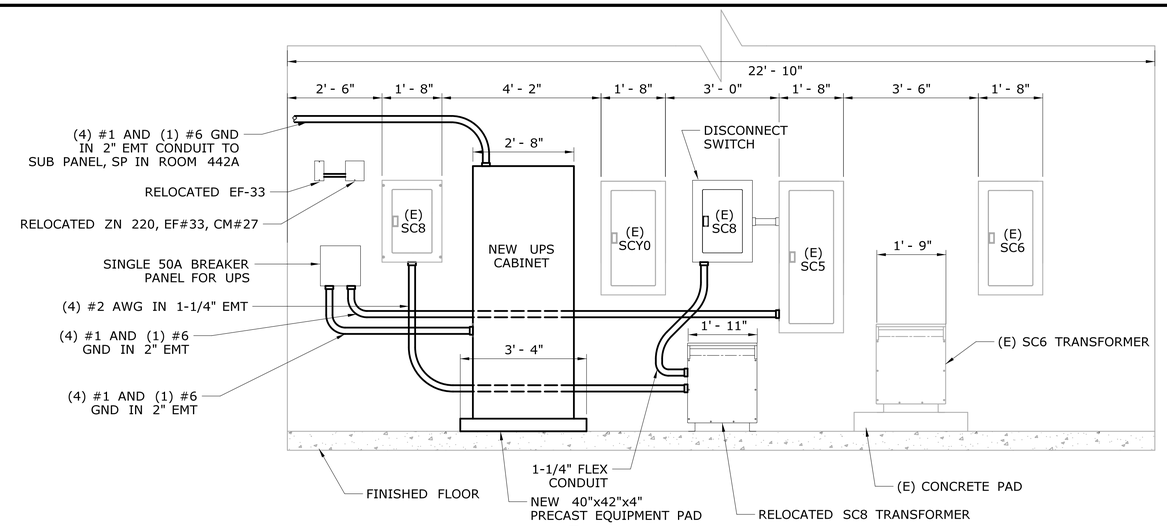
DRAWING NO. FCI-588

SHEET NO. 03.41



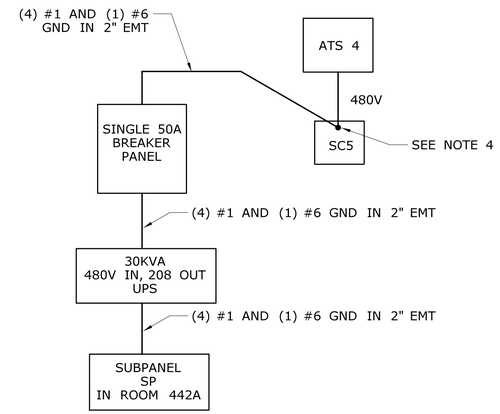
A ROOM 425 LAYOUT PLAN

SCALE: ½" = 1'-0"



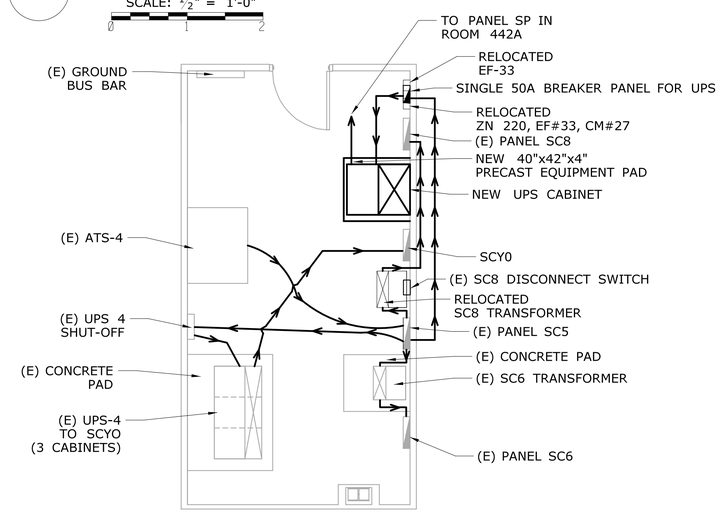
B ROOM 425 ELEVATION

SCALE: ½" = 1'-0"



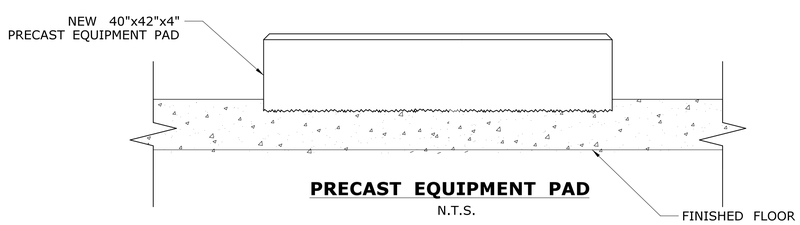
UPS ONE LINE

N.T.S.



ROOM 425 ONE LINE

N.T.S.



PRECAST EQUIPMENT PAD

N.T.S.

NOTES:

1. INSTALL NEW 32"x40"x80" UPS CABINET ON A 40"x42"x4" PRECAST EQUIPMENT PAD.
2. UPS SHALL BE A MODEL APM 3-PHASE 30KVA, 480V IN, 280V OUT AS MANUFACTURED BY SCHNEIDER OR APPROVED EQUAL.
3. CONTRACTOR SHALL COORDINATE WITH THE FACILITY MANAGER. WORK SHALL BE RESTRICTED TO WEEKENDS.
4. FEED TO UPS SHALL BE TAPPED FROM LINE SIDE (480V OF SC5 INPUT).

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/26/2019

DESIGNER/DRAFTER: DC/DC

CHECKED BY: TC

SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-589_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

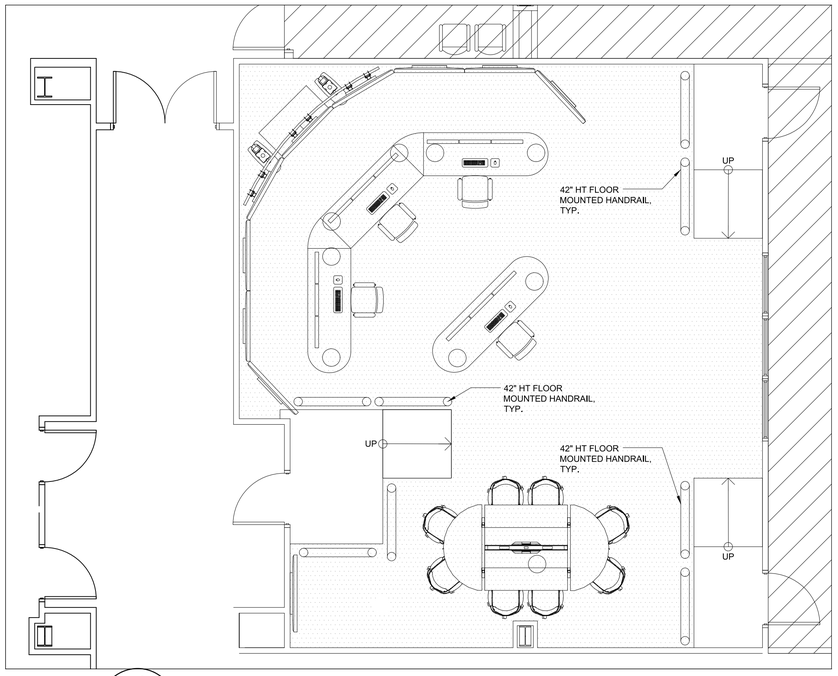
TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **CCO SHOP ROOM 425 NEW PLAN**

PROJECT NO. 0300-0202

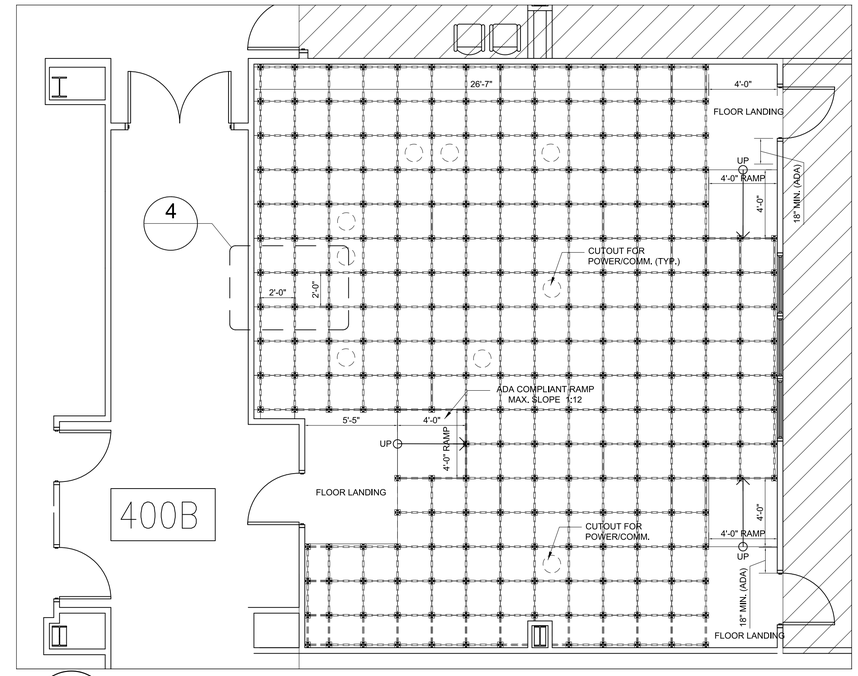
DRAWING NO. FCI-589

SHEET NO. 03.42



1 FCI-590 **CCO ROOM 442A - CONSTRUCTION PLAN**

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



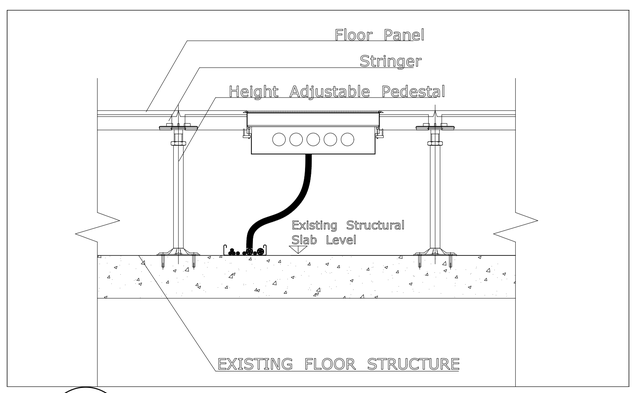
2 FCI-590 **CCO ROOM 442A - RAISED FLOOR SYSTEM FRAMING PLAN**

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

ADA RAMP MAX. SLOPE

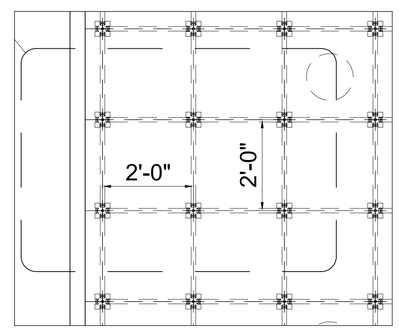
1:12

*RAISED FLOOR SYSTEM
; FLOOR LEVEL IS RAISED UP BY 4 INCH HEIGHT FROM CONCRETE FLOOR LEVEL.



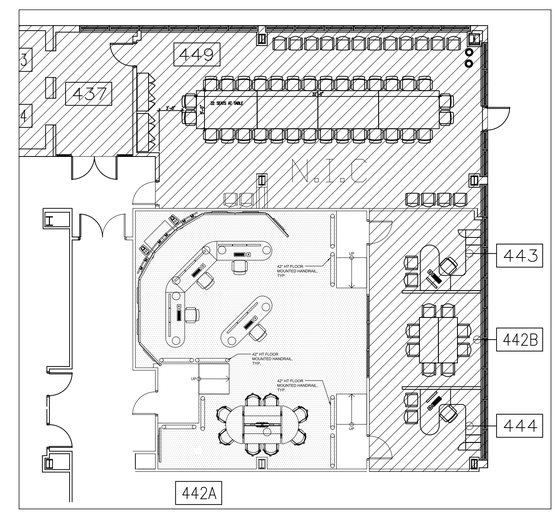
3 FCI-590 **TYPICAL WIRE BOX DETAIL**

SCALE: N.T.S



4 FCI-590 **RAISED FLOOR SYSTEM PANEL DETAIL**

SCALE: 3" = 1'-0"



KEY PLAN

N.T.S.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/21/2019

DESIGNER/DRAFTER: DC/DC

CHECKED BY: TC

SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-590..CNS..SHEET..0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

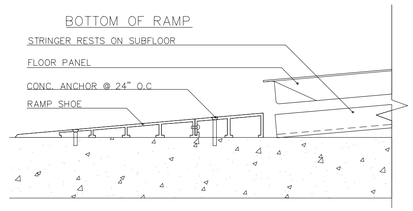
TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **CCO SHOP ROOM 442A RAISED FLOOR PLAN**

PROJECT NO. **0300-0202**

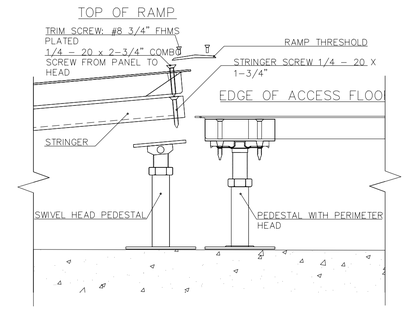
DRAWING NO. **FCI-590**

SHEET NO. **03.43**



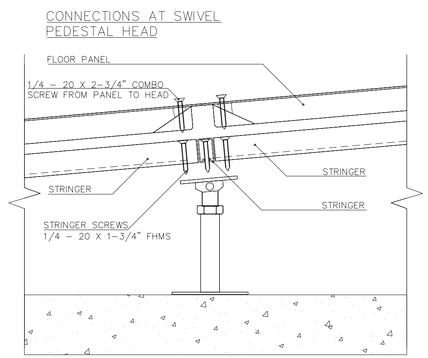
TYPICAL RAMP DETAIL AT BOTTOM OF RAMP

SCALE: N.T.S



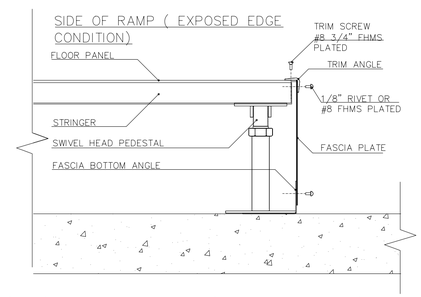
TYPICAL RAMP DETAIL AT TOP OF RAMP

SCALE: N.T.S



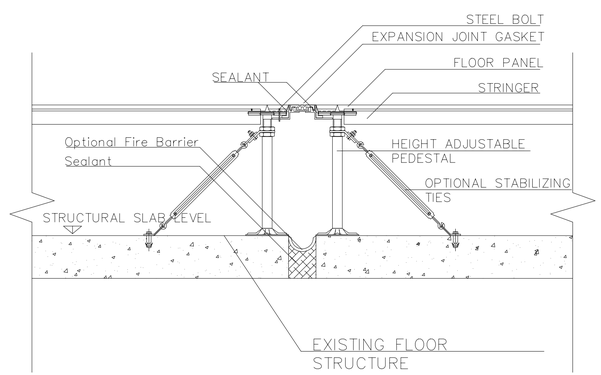
CONNECTION DETAIL AT SWIVEL PEDESTAL HEAD

SCALE: N.T.S



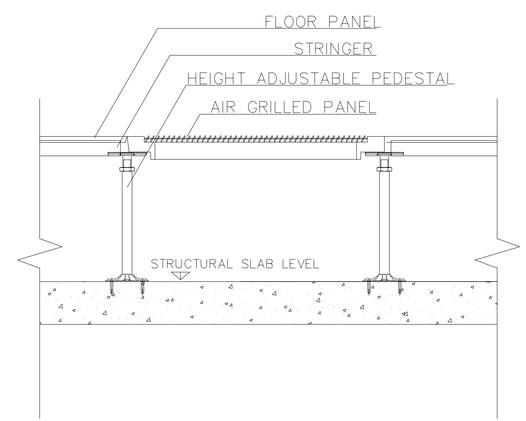
CONNECTION DETAIL AT SWIVEL PEDESTAL HEAD

SCALE: N.T.S



TYPICAL FLOOR DETAIL AT EXPANSION JOINTS

SCALE: N.T.S



TYPICAL AIRGRILLED PANEL FOR VENTILATION

SCALE: N.T.S

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/11/2019

DESIGNER/DRAFTER: DC/DC

CHECKED BY: TC

SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-591_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **CCO SHOP ROOM 442A RAISED FLOOR DETAIL**

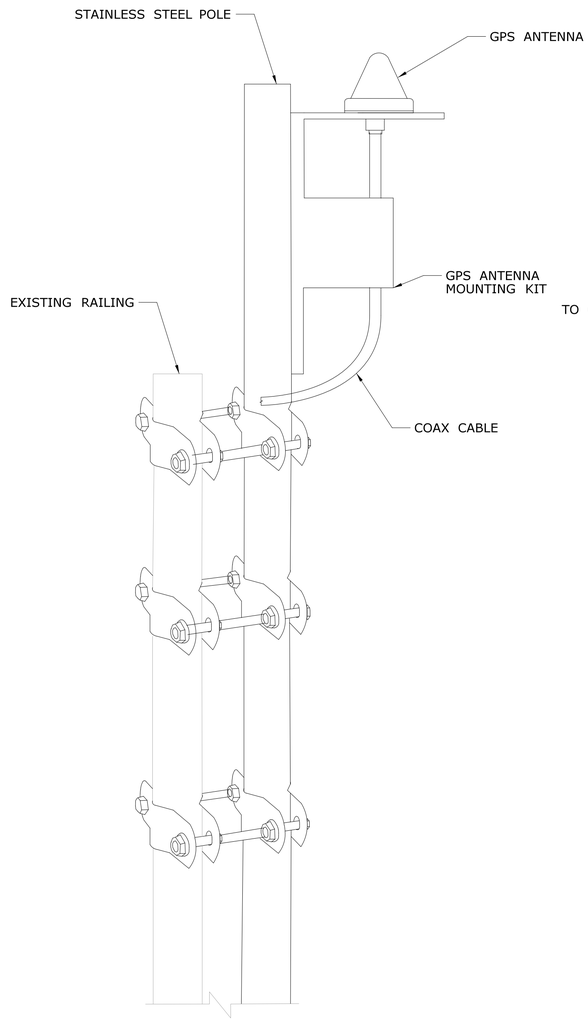
PROJECT NO. **0300-0202**

DRAWING NO. **FCI-591**

SHEET NO. **03.44**

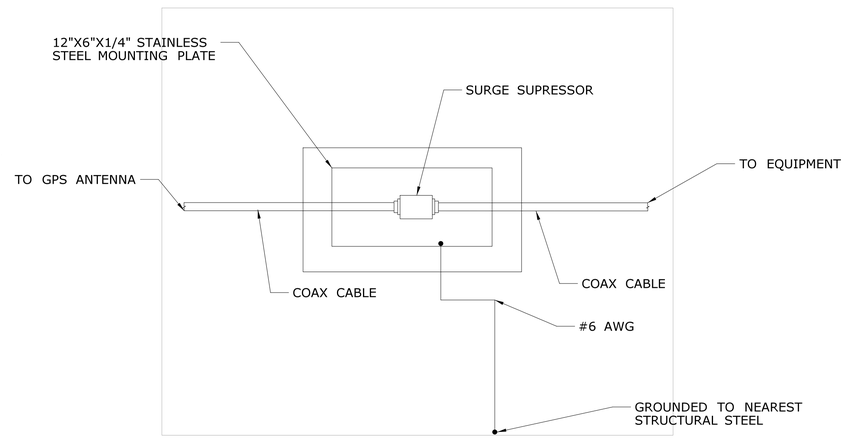
NOTES:

1. GPS ANTENNA SHALL BE MODEL 8230 AS MANUFACTURED BY OROLIA-SPECTRACOM OR APPROVED EQUAL.
2. SURGE SUPRESSOR SHALL BE MODEL 8226 AS MANUFACTURED BY OROLIA-SPECTRACOM OR APPROVED EQUAL.
3. COAX CABLE SHALL BE MODEL LMR-400-LLPL AS MANUFACTRED BY TIMES MICROWAVE SYSTEMS OR APPROVED EQUAL. COAX CABLE SHALL BE PLATINUM RATED.
4. GPS ANTENNA MOUNTING KIT SHALL BE MODEL ANT-KT AS MANUFACTURED BY OROLIA-SPECTRACOM OR APPROVED EQUAL.
5. SURGE SUPRESSOR SHALL BE MOUNTED INSIDE DROP CEILING ON FOURTH FLOOR NEAR PENETRATION. SEE DWG. FCI-585.
6. GPS ANTENNA SHALL BE MOUNTED ON A 3/4" DIAMETER X 30" LENGTH STAINLESS STEEL POLE. POLE SHALL BE CLAMPED TO EXISTING ROOF RAILING WAY. STAINLESS STEEL POLE-TO-POLE MAST MOUNT CLAMPS.



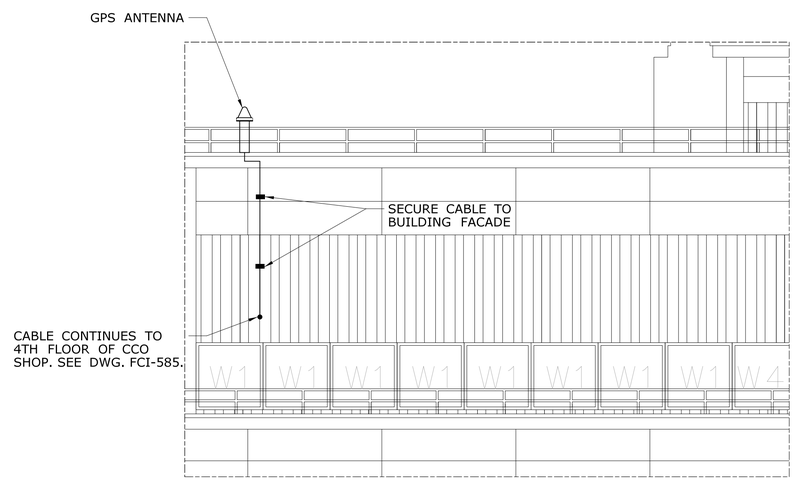
1 FCI-592 **GPS ANTENNA MOUNTING DETAIL**

NOT TO SCALE



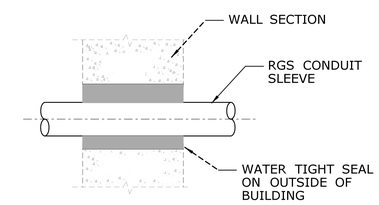
2 FCI-592 **SURGE SUPRESSOR MOUNTING DETAIL**

NOT TO SCALE



3 FCI-592 **GPS ANTENNA WALL MOUNTING DETAIL (NORTH ELEVATION)**

NOT TO SCALE



4 FCI-592 **EXTERIOR WALL PENETRATION DETAIL**

NOT TO SCALE

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/20/2019

DESIGNER/DRAFTER: JY/RL

CHECKED BY: TC

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STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

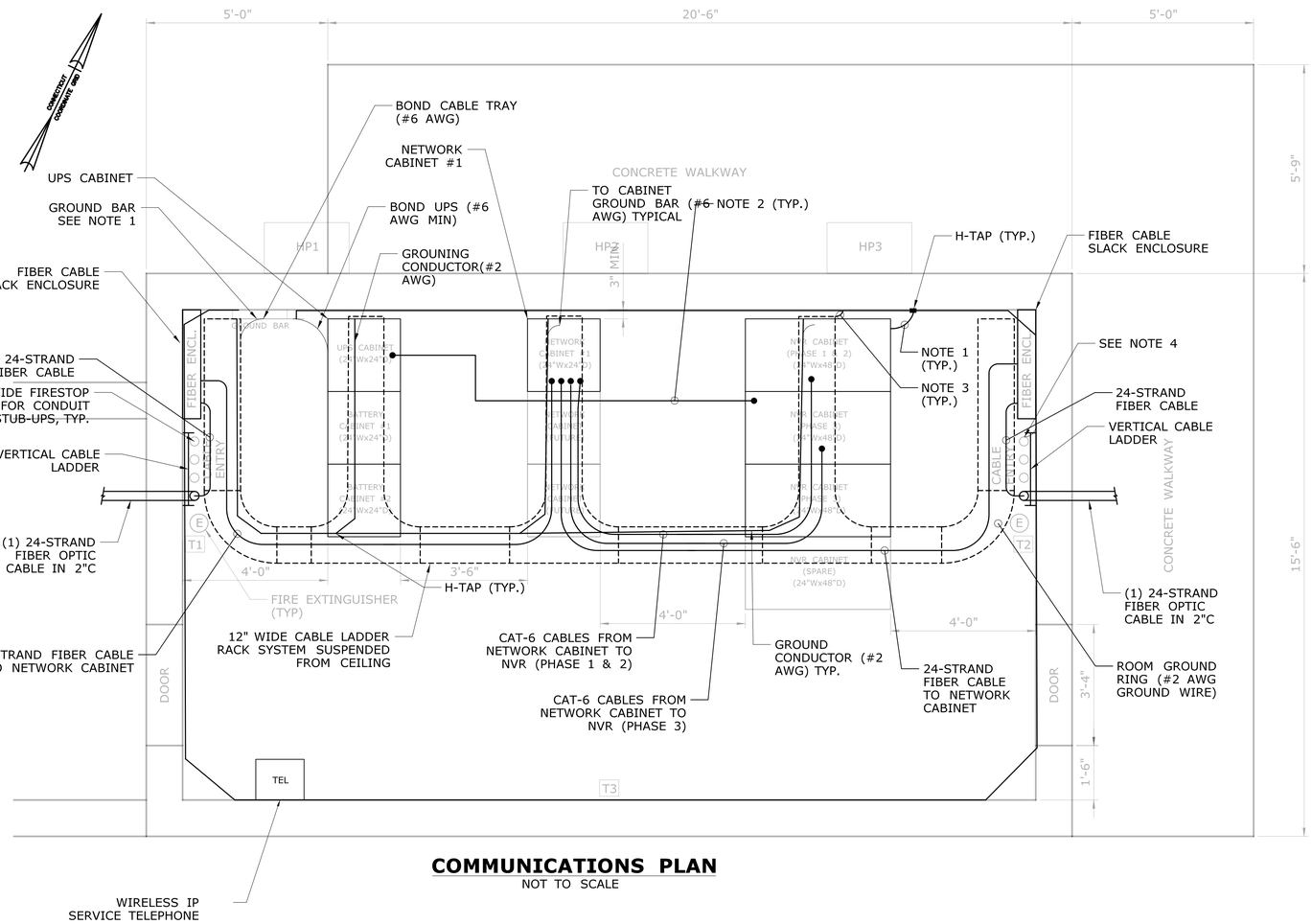
TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **CCO SHOP GPS ANTENNA DETAIL**

PROJECT NO. 0300-0202

DRAWING NO. FCI-592

SHEET NO. 03.45



COMMUNICATIONS PLAN

NOT TO SCALE

NOTES:

1. CONNECT (1) #6 AWG GROUNDING CABLE FROM EACH CABINET TO ROOM EQUIPMENT GROUND CONDUCTOR (#2 AWG).
2. PROVIDE (2) 30A 120/240VAC 1 PHASE CIRCUITS TO EACH NVR CABINET AND NETWORK CABINET.
3. TRAYS SHALL BE BONDED TOGETHER. CABLE TRAY SHALL BE BONDED ON BOTH SIDES. DISJOINTED SEGMENTS OF CABLE SHALL BE BONDED TOGETHER.
4. PROVIDE INTERIOR PERIMETER GROUND BUS (#2 AWG MIN) AND BOND METAL CONDUITS, ELEC PANEL, AND ANY METAL PARTS (DOORS, GRILL, CABLE LADDER, ETC.) IN THE ROOM.
5. GROUNDING AND BONDING SHALL COMPLY WITH NEC, ANSI/TIA-607C, AND CONTRACT REQUIREMENTS.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 6/11/2019

DESIGNER/DRAFTER: JY/GH

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185 Plains Road
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Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

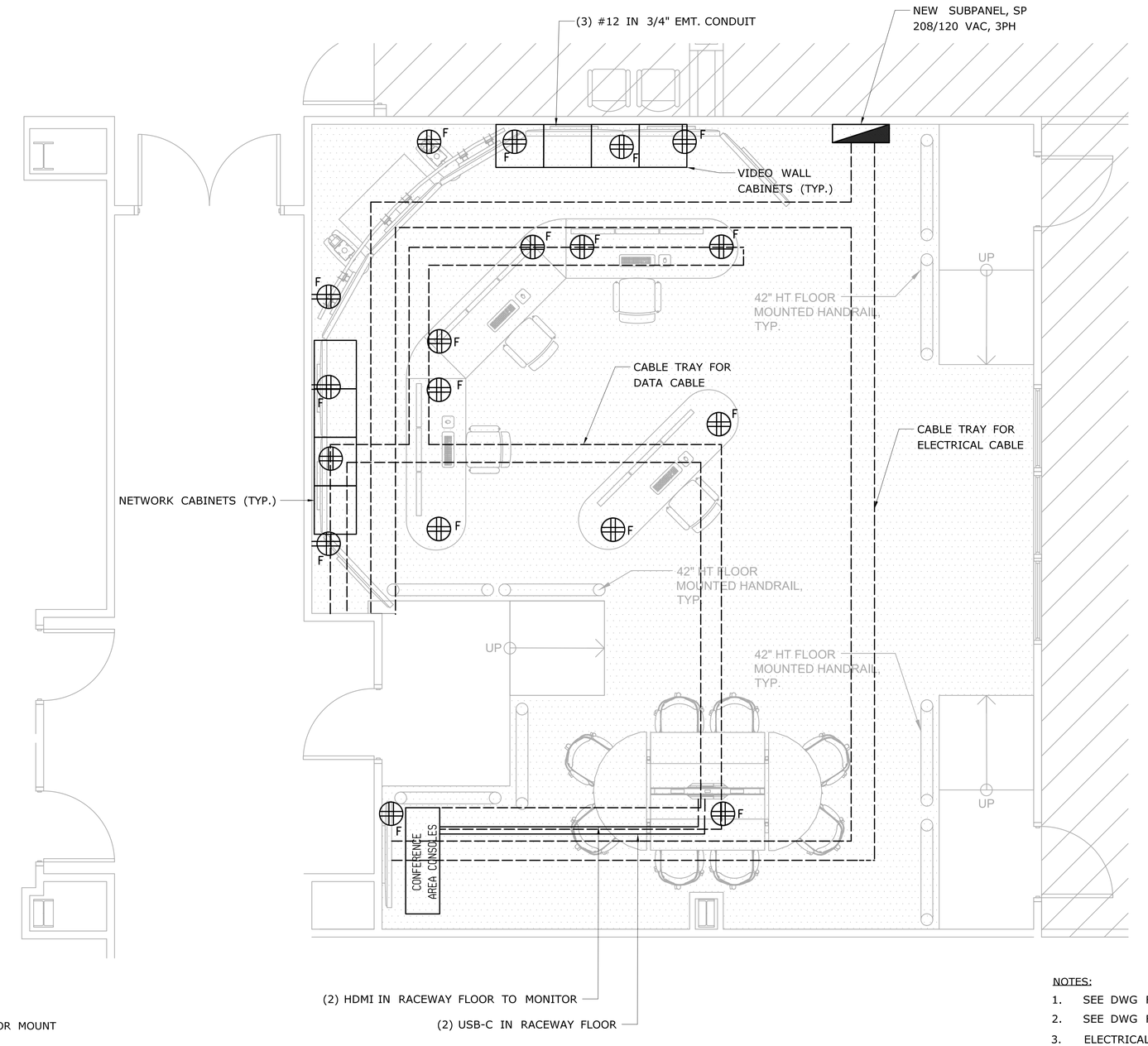
TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **NEW SECURITY NODE HOUSE COMMUNICATIONS PLAN**

PROJECT NO. 0300-0202

DRAWING NO. FCI-593

SHEET NO. 03.46



LEGENDS:

F — QUAD RECEPTACLE / QUAD DATA JACK FLOOR MOUNT

NOTES:

1. SEE DWG FCI-583 FOR VIDEO WALL AND CONSOLE SYSTEM BLOCK
2. SEE DWG FCI-584 AND FCI-586 FOR ELECTRICAL CIRCUIT AND PANEL
3. ELECTRICAL CABLE SHALL BE RUN IN FLEXIBLE METAL CONDUIT IN CABLE TRAY.
4. DATA CABLE SHALL RUN EXPOSE IN CABLE TRAY. EXTEND DATA CABLE FROM CABLE TRAY TO OUTLETS USING FLEXIBLE METAL CONDUITS

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/20/2019

DESIGNER/DRAFTER: JY/MG

CHECKED BY: TC

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FCI-594_CNS_SHEET_0300-0202.dgn

SIGNATURE/BLOCK:

STV Incorporated
185 Plains Road
Suite 208E
Milford, CT 06461

PROJECT TITLE:

NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY NEW HAVEN LINE PHASE 3

TOWN: **STAMFORD TO WESTPORT**

DRAWING TITLE: **CCO SHOP ROOM 442A CABLE TRAY PLAN**

PROJECT NO. 0300-0202

DRAWING NO. FCI-594

SHEET NO. 03.47