

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

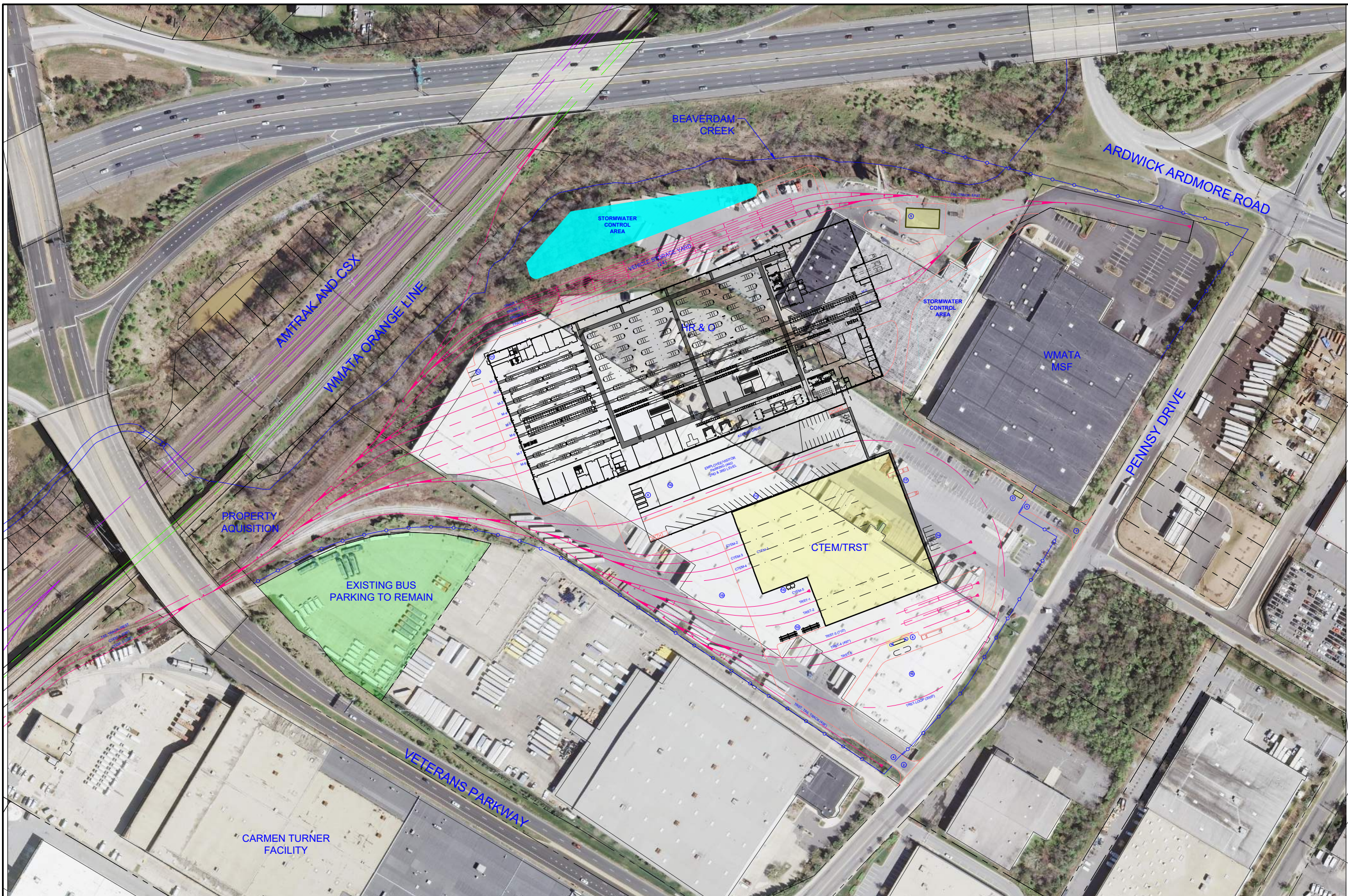


GENERAL PLANS

PROPOSED HEAVY REPAIR & OVERHAUL FACILITY

PRINCE GEORGE'S COUNTY, MARYLAND
DECEMBER 2018

SHEET	TITLE
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- NUMBERED NOTES**
- ① MAIN FACILITY ENTRANCE EXIT
 - ② UNDERGROUND ENTRANCE EXIT
 - ③ UNDERGROUND WMATA STANDING
 - ④ ROLLING ACCESS GATE
 - ⑤ TRACTION POWER SUBSTATION
 - ⑥ RAIL VEHICLE DIESEL FUEL TANK
 - ⑦ UNDERGROUND STORAGE TANK DIESEL
 - ⑧ DUMPSTER AREAS METAL TRASH REC. CLING
 - ⑨ BALLAST AREA- OPEN
 - ⑩ TRACK STORAGE AREA- OPEN
 - ⑪ CONTROL TOWER- 2ND STOR. IN BLDG
 - ⑫ CONTROL TOWER EMPLOY. EE PARKING
 - ⑬ CTEM NON REVENUE VEHICLE PARKING
 - ⑭ FRET NON REVENUE VEHICLE PARKING
 - ⑮ HA. ARMOUS MATERIALS AND GAS STORAGE
 - ⑯ HS. O WHEEL BLANK STORAGE AREA
 - ⑰ PEDESTRIAN CIRCULATION PATH

DESIGNED	ASI	9-21-2018
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CHECKED	MNG	9-21-2018
		DATE
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REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS		
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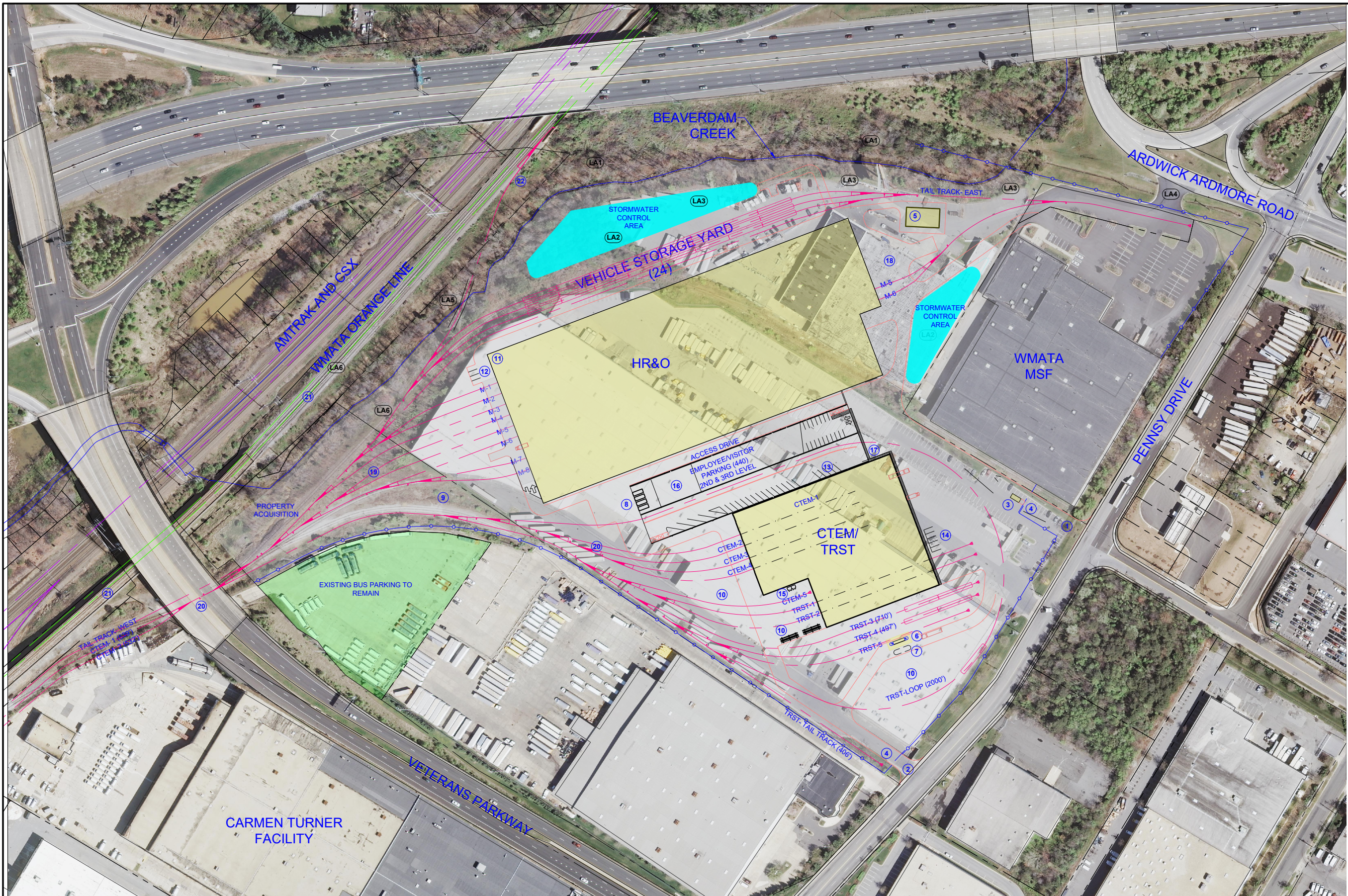
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
 OFFICE OF MAJOR CAPITAL PROJECTS

SUBMITTED: 9/21/2018 DATE
 APPROVED: _____ DATE
 CHIEF ENGINEER

HEAVY REPAIR & OVERHAUL FACILITY
ARCHITECTURE - SITE PLAN
PENNSY DRIVE

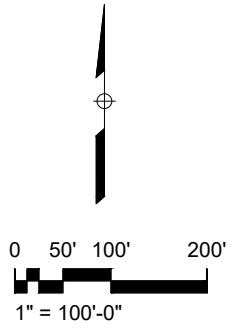
SCALE: 1" = 100'-0"
 DRAWING NO. G-002
 SHEET NO. 2 of 24

CONTRACT NO. XXXXXXX



LANDSCAPE NUMBERED NOTES

- LA1 WETLANDS AREA TO REMAIN
- LA2 STORMWATER CONTROL AREA
- LA3 REDUCTION OF PAVING AREA ADJACENT TO THE CREEK
- LA4 REMOVED ARDWICK ARDMORE STREET ACCESS- NEW GRASS
- LA5 MINIMAL IMPACT AT MAINLINE CONNECTION
- LA6 EXISTING TRACK



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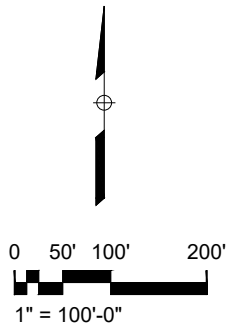
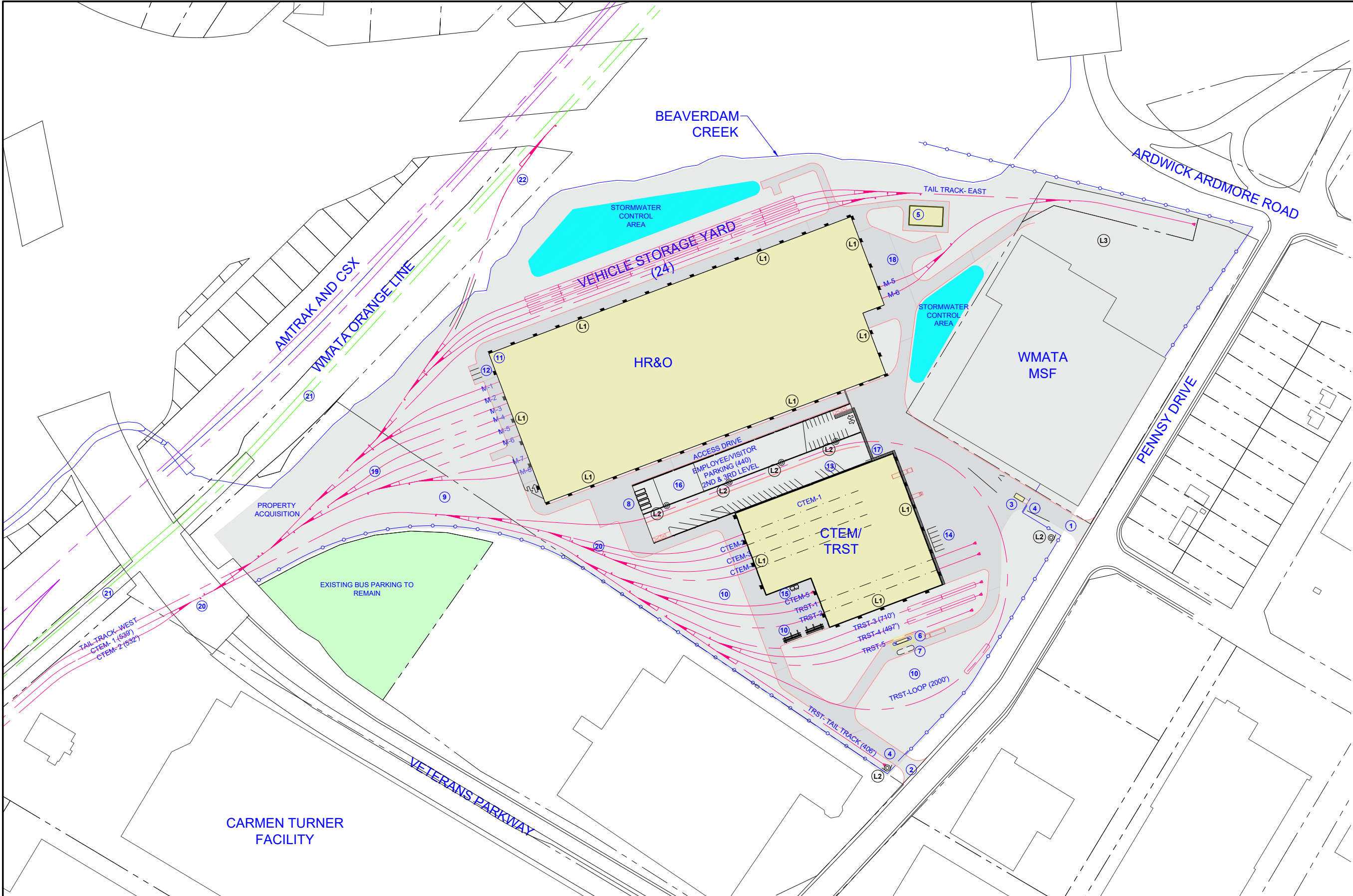
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 CHIEF ENGINEER

PENNSY DRIVE RAIL MAINTENANCE FACILITY
LANDSCAPE - SITE PLAN
PENNSY DRIVE

SCALE 1" = 100'-0"
 DRAWING NO. G-005
 SHEET NO. 3 of 24

- LIGHTING NUMBERED NOTES**
- (L1) LED BUILDING MOUNTED WALL PAKS
 - (L2) LED POLE MOUNTED LIGHTS W/ DIRECTIONAL LIGHT SHIELD
 - (L3) EXISTING LIGHTING TO REMAIN



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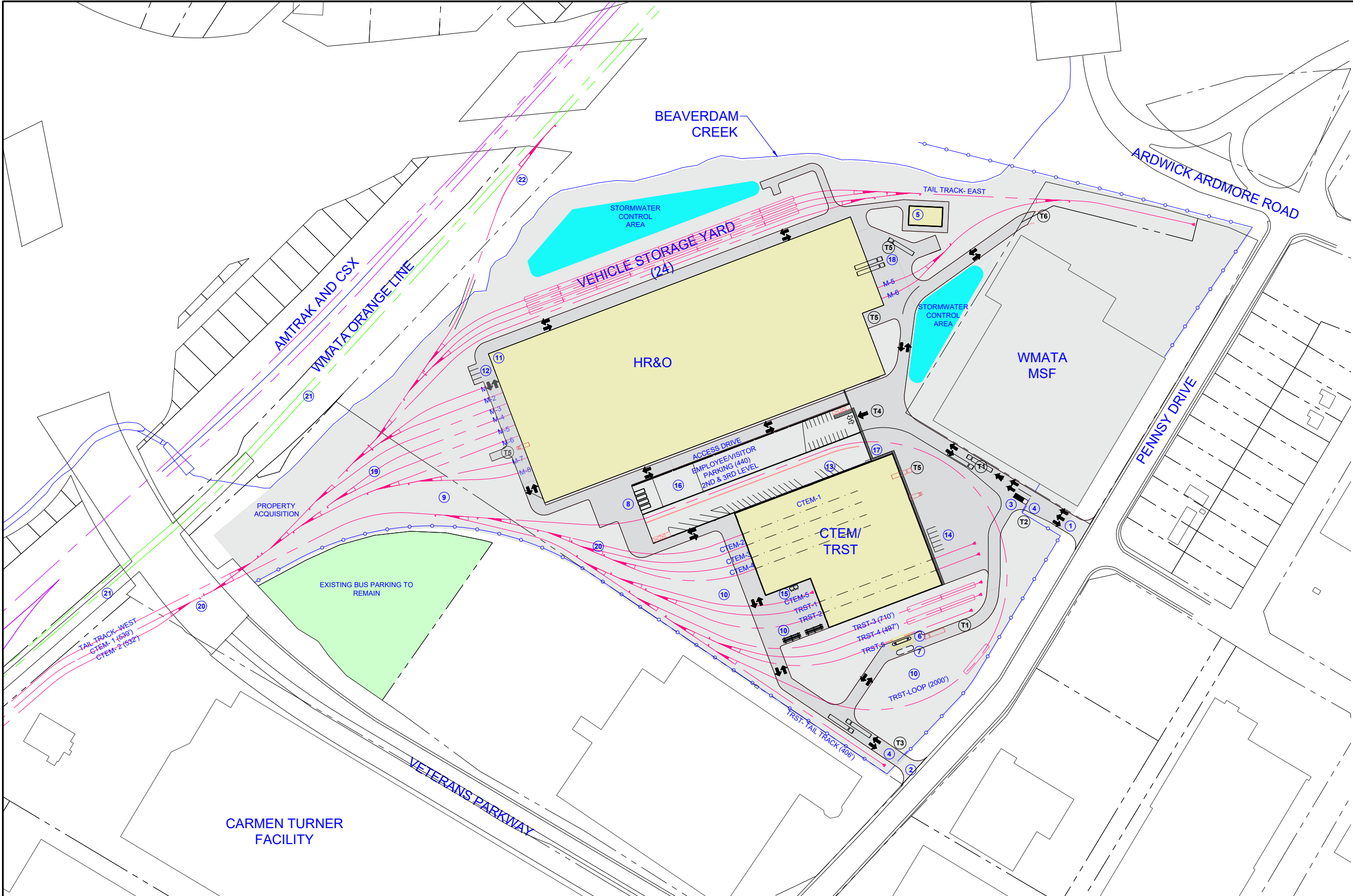
SUBMITTED _____ DATE _____ APPROVED _____ DATE _____
 CHIEF ENGINEER

PENNSY DRIVE RAIL MAINTENANCE FACILITY
LIGHTING PLAN - SITE PLAN
PENNSY DRIVE

SCALE: 1" = 100'-0"
 DRAWING NO. G-006
 SHEET NO. 4 of 24

TRAFFIC NUMBERED NOTES

- (T1) ALL TRAFFIC LANES ARE BI-DIRECTIONAL AND MINIMUM 24' WIDE
- (T2) MAIN SITE ACCESS
- (T3) EMERGENCY SITE ACCESS
- (T4) PARKING DECK ACCESS
- (T5) LOADING DOCK
- (T6) CONNECTION TO THE EXISTING PARKING AREA



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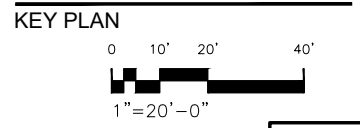
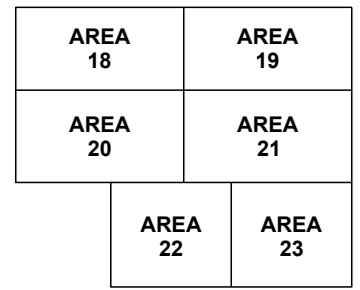
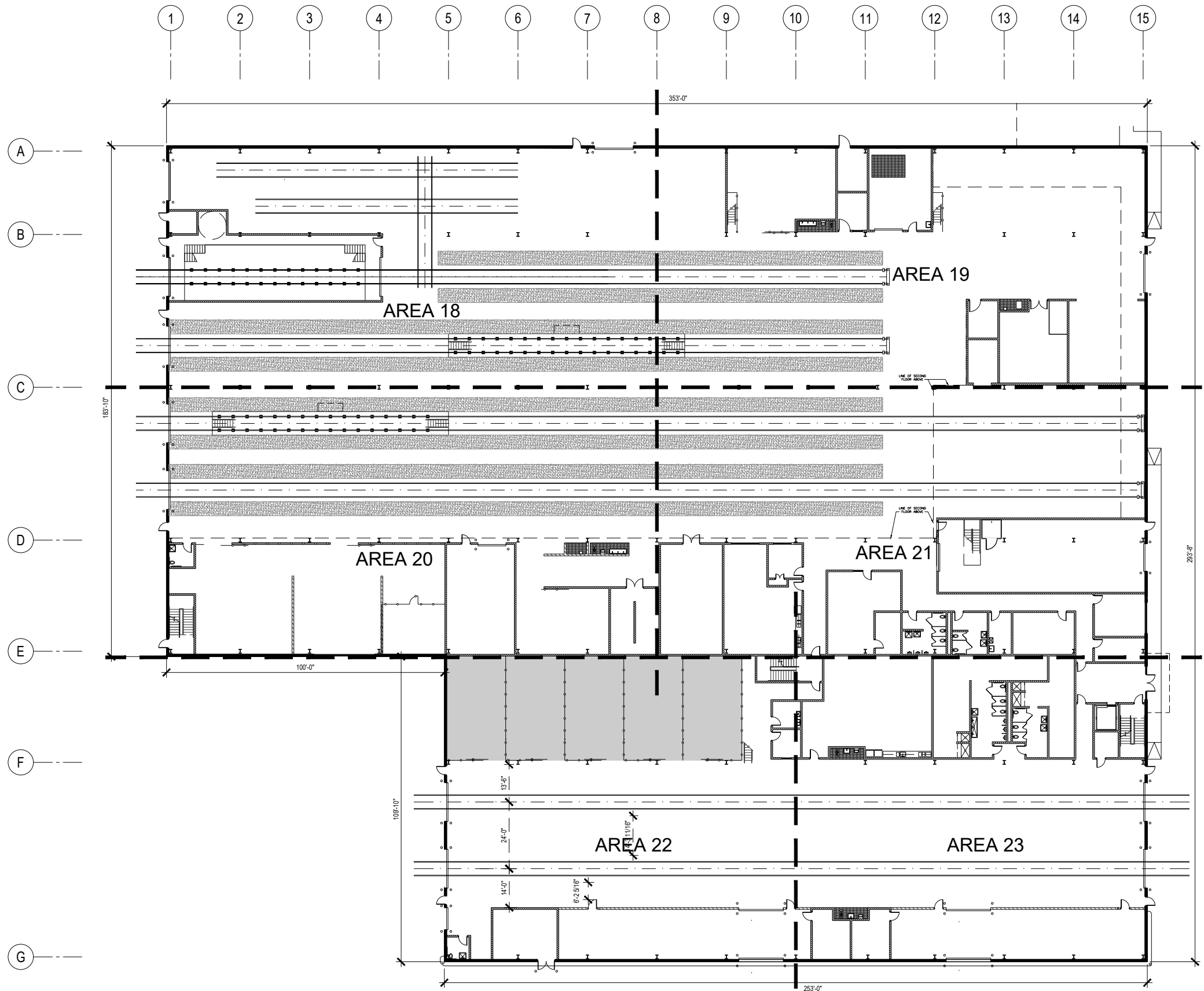
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PENNSY DRIVE RAIL MAINTENANCE FACILITY
 TRAFFIC CIRCULATION - SITE PLAN
 PENNSY DRIVE

SCALE: 1" = 100'-0"
 DRAWING NO. G-007
 SHEET NO. 5 of 24



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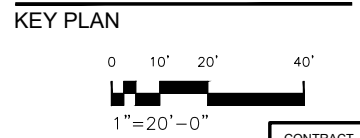
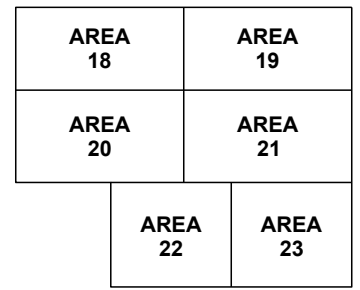
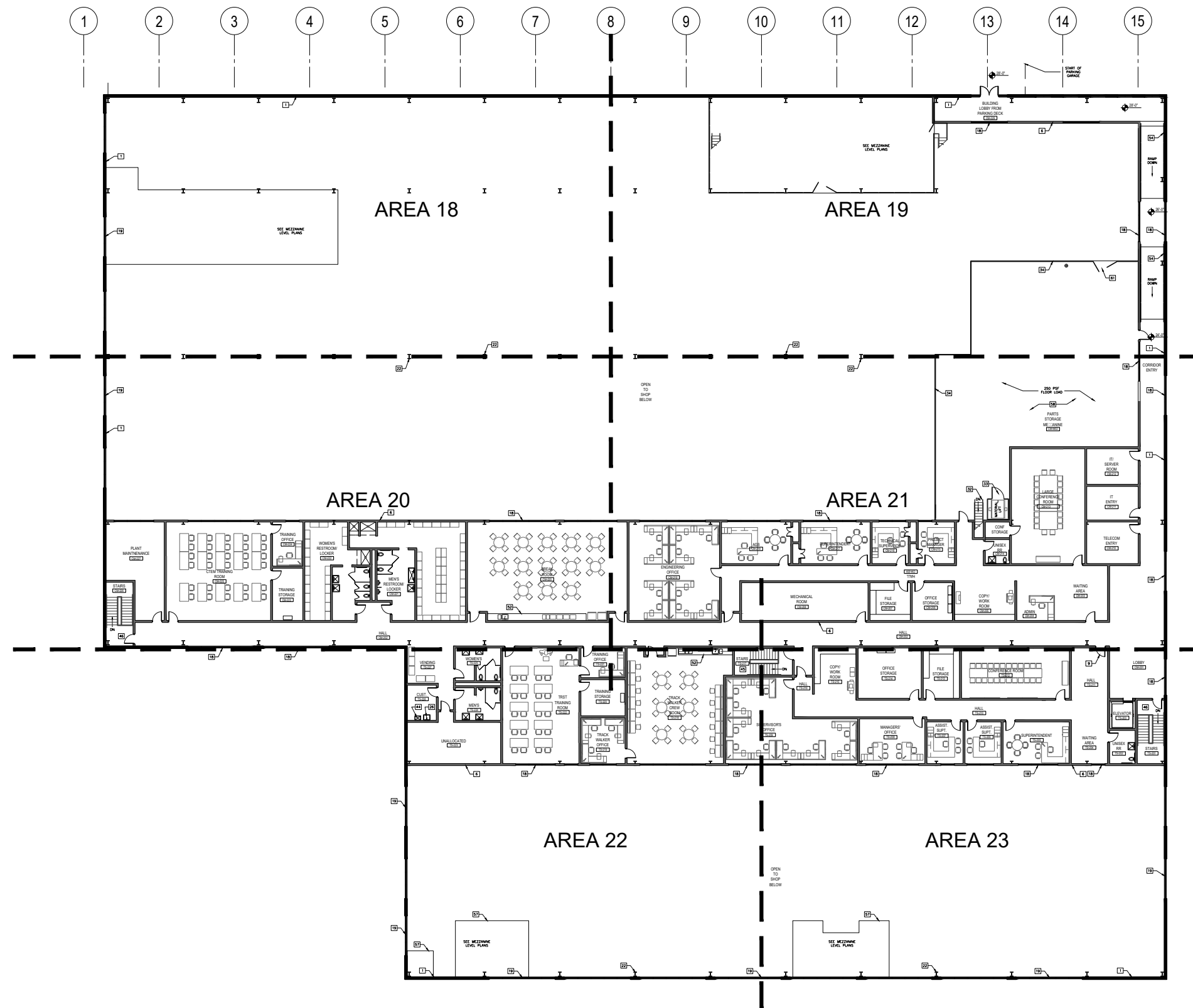
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 CHIEF ENGINEER

PENNSY DRIVE RAIL MAINTENANCE FACILITY
OVERALL FIRST FLOOR PLAN –
CTEM/TRST BUILDING

SCALE 1" = 20'-0" DRAWING NO. CT-A-100 SHEET NO. 6 of 24



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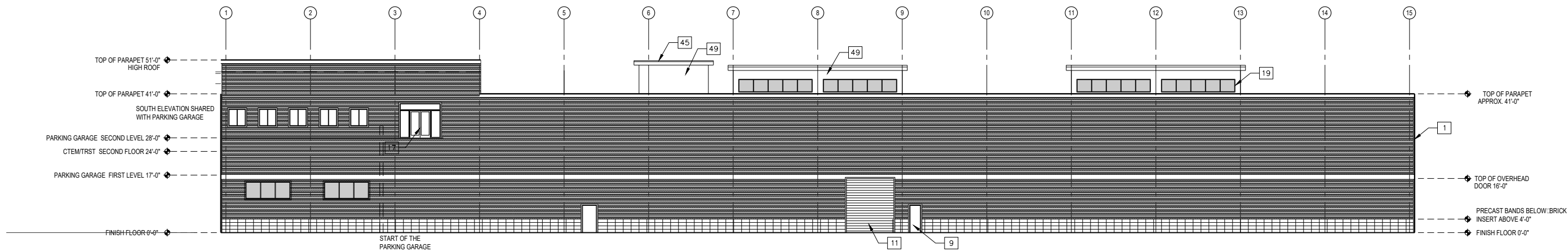
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SUBMITTED _____ DATE _____	APPROVED _____ DATE _____ CHIEF ENGINEER
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PENNSY DRIVE RAIL MAINTENANCE FACILITY
 OVERALL FIRST FLOOR PLAN –
 CTEM/TRST BUILDING

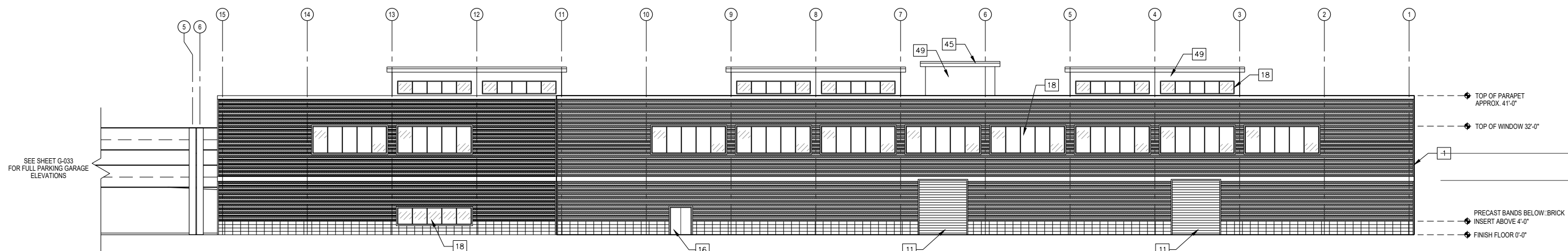
SCALE 1" = 20'-0"	DRAWING NO. CT-A-150	SHEET NO. 7 of 24
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SOUTH ELEVATION

SCALE: 1/16" = 1'-0"

1

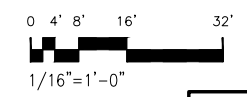
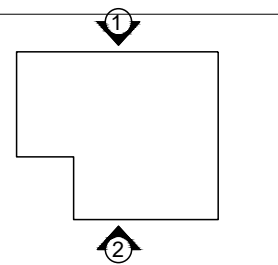


NORTH ELEVATION

SCALE: 1/16" = 1'-0"

2

SEE SHEET G-033 FOR FULL PARKING GARAGE ELEVATIONS



KEY PLAN

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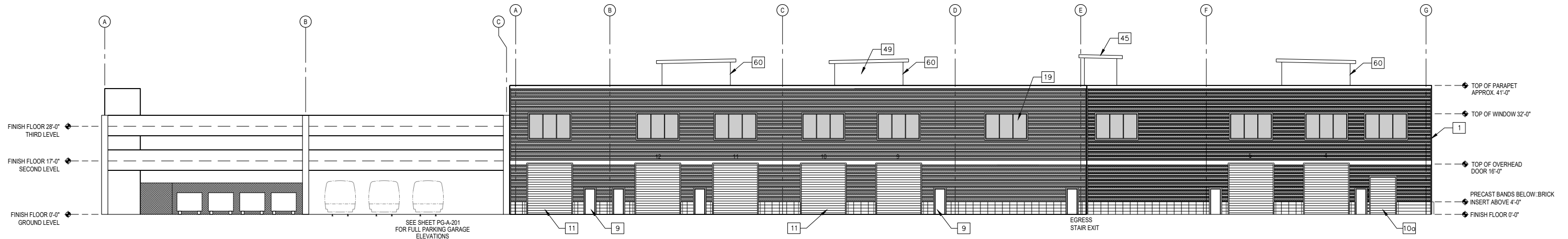
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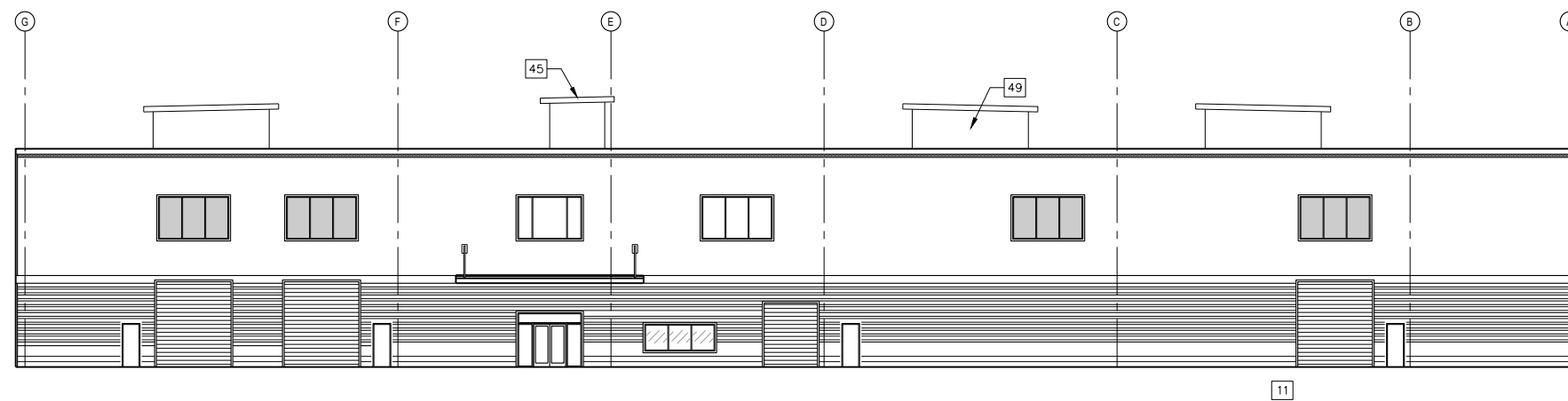
PENNSY DRIVE RAIL MAINTENANCE FACILITY
BUILDING ELEVATIONS – 1 –
CTRM/TRST BUILDING

SCALE: 1/16" = 1'-0" DRAWING NO. A-201 SHEET NO. 8 of 24



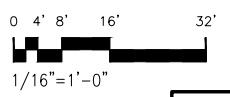
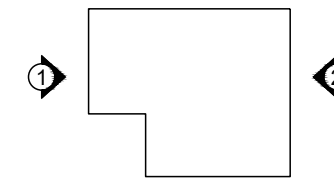
EAST ELEVATION

SCALE: 1/16" = 1'-0"



WEST ELEVATION

SCALE: 1/16" = 1'-0"



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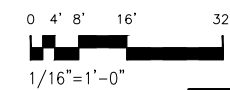
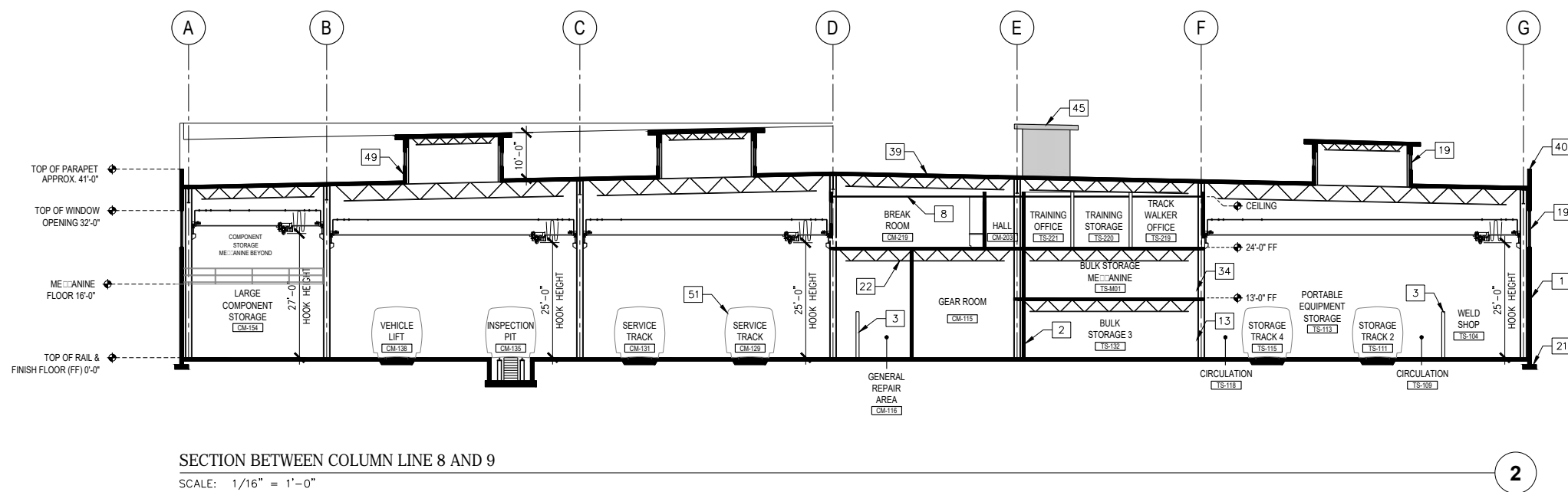
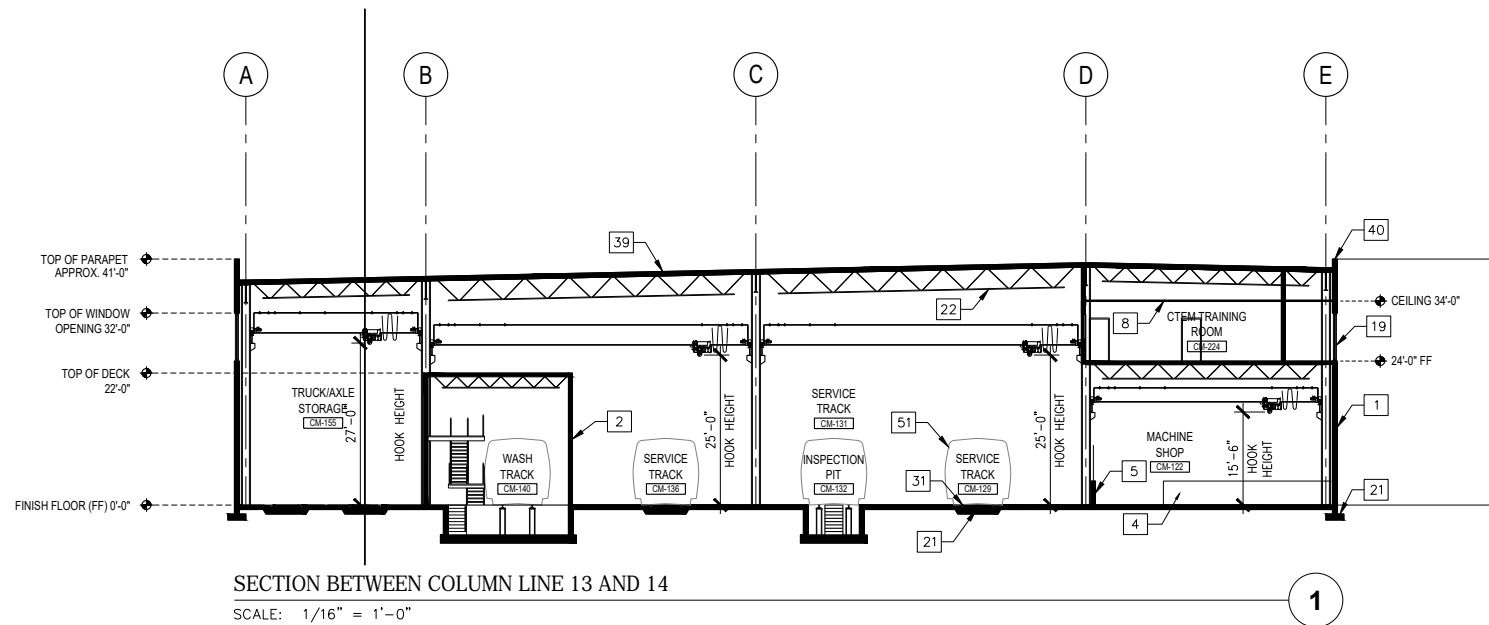
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SUBMITTED _____ DATE _____ APPROVED _____ DATE _____
 CHIEF ENGINEER

PENNSY DRIVE RAIL MAINTENANCE FACILITY
BUILDING ELEVATIONS – 2 –
CTRM/TRST BUILDING ELEVATIONS

SCALE: 1/16" = 1'-0" DRAWING NO. A-202 SHEET NO. 9 of 24



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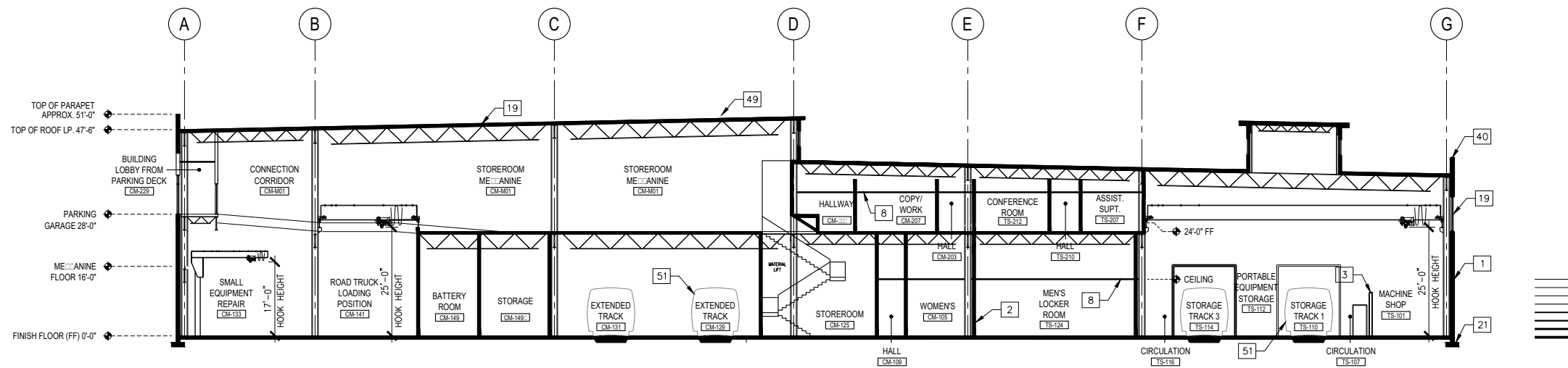
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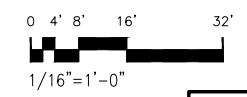
PENNSY DRIVE RAIL MAINTENANCE FACILITY
BUILDING SECTIONS – 1 –
CTR/ TRST BUILDING

SCALE: 1/16" = 1'-0"
 DRAWING NO. A-301
 SHEET NO. 10 of 24



SECTION BETWEEN COLUMN LINE 3 AND 4
 SCALE: 1/16" = 1'-0"

1



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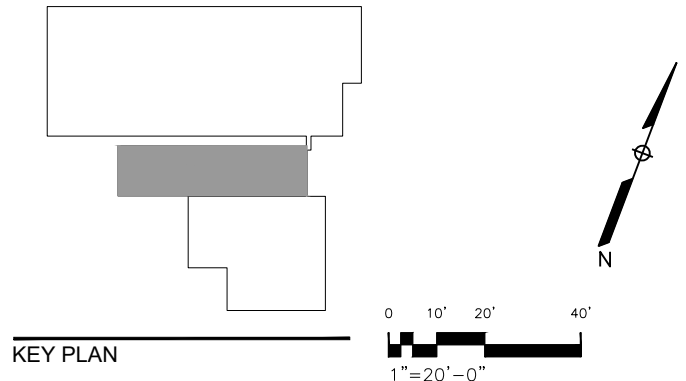
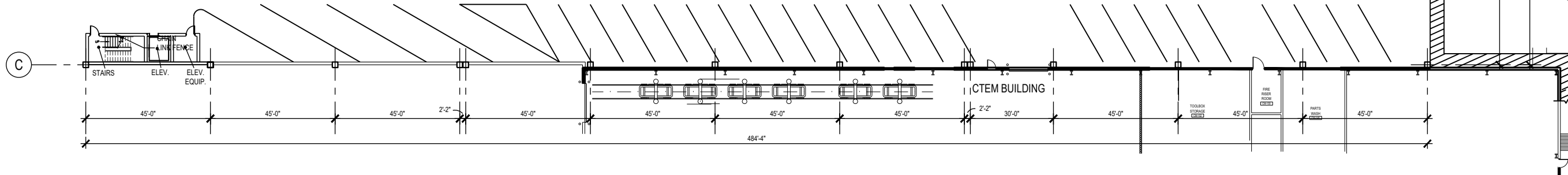
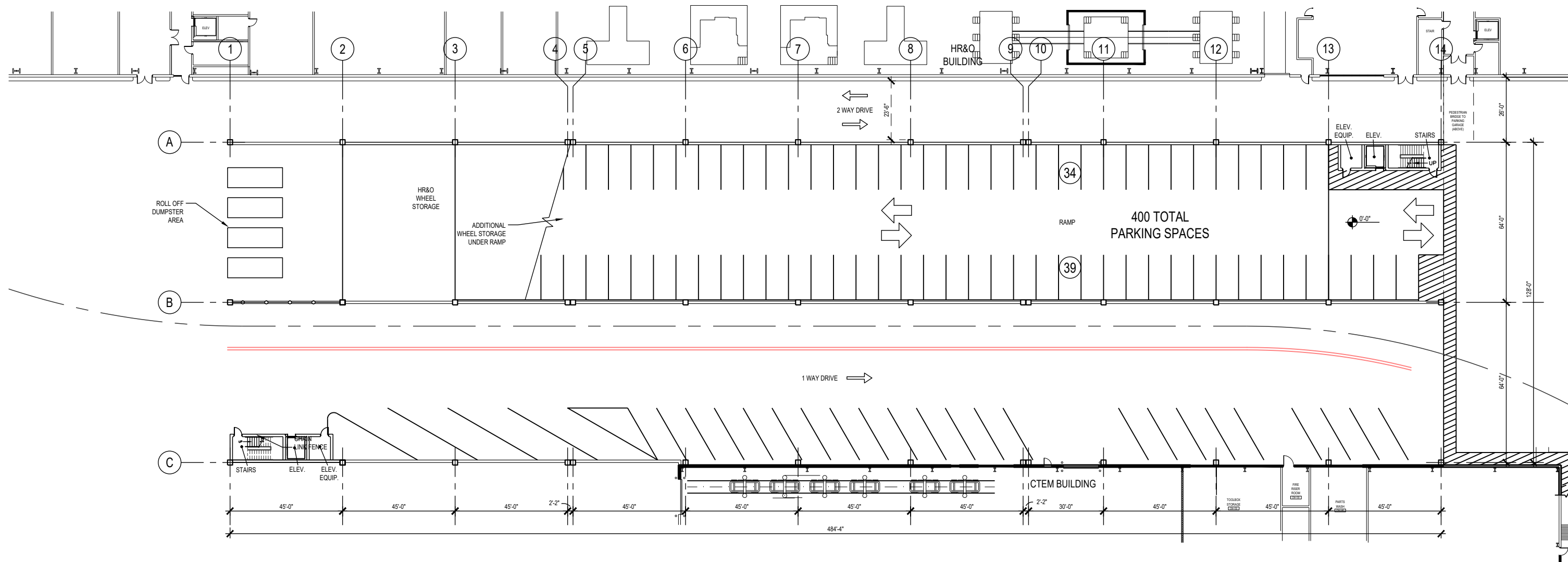
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PENNSY DRIVE RAIL MAINTENANCE FACILITY
BUILDING SECTIONS – 2 –
CTRM/TRST BUILDING ELEVATIONS

SCALE: 1/16" = 1'-0"
 DRAWING NO. A-302
 SHEET NO. 11 of 24



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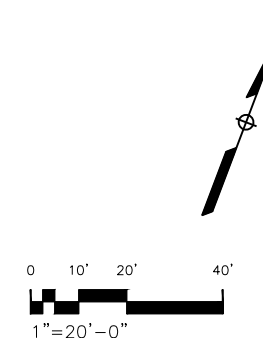
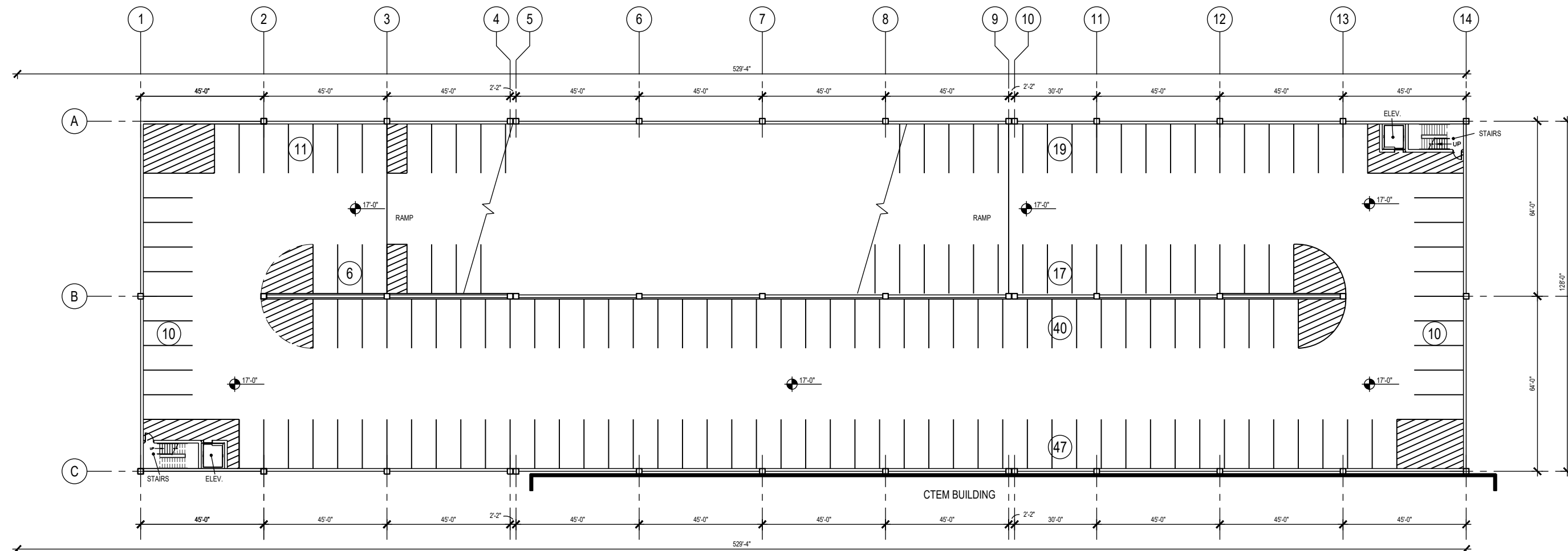
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 CHIEF ENGINEER

PENNSY DRIVE RAIL MAINTENANCE FACILITY
 Ground Level Plan - CTEM/TRST and HR&O
 Parking Garage - Pennsy Drive
 SCALE 1" = 20'-0" DRAWING NO. PG-A-101 SHEET NO. 12 of 24

CONTRACT NO. XXXXXXXX



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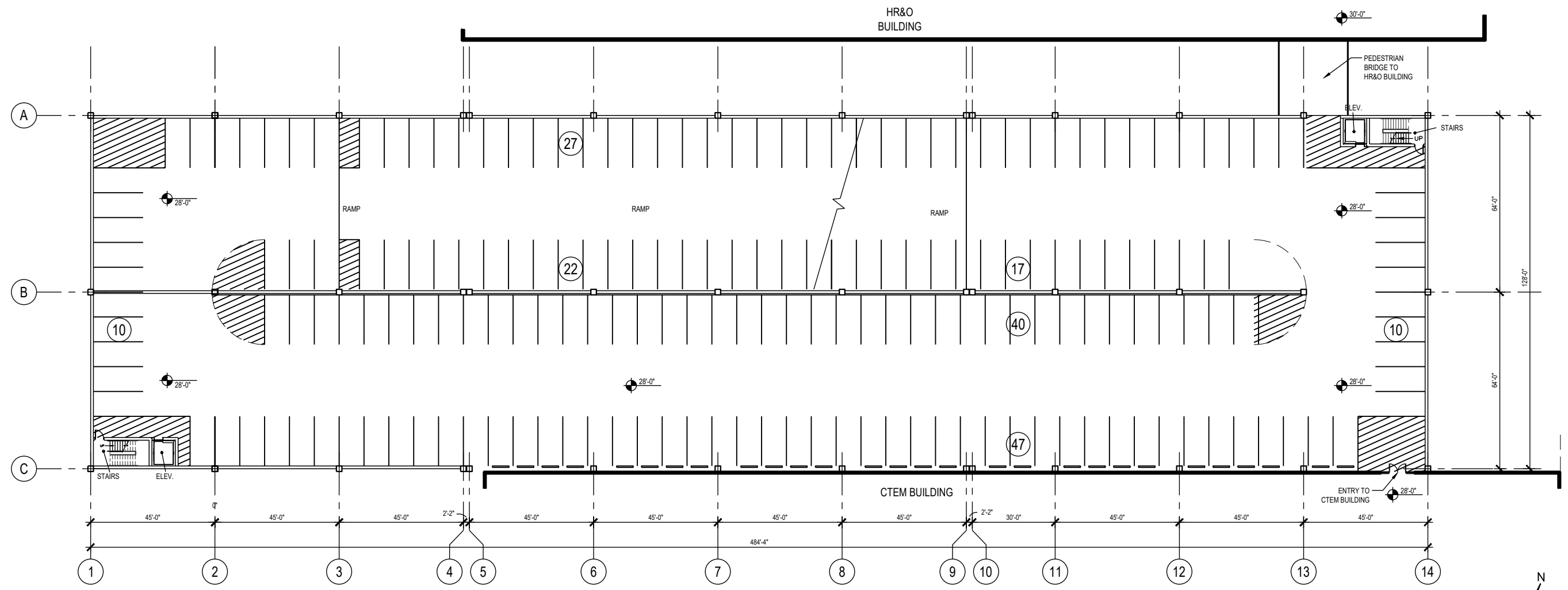
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 CHIEF ENGINEER

PENNSY DRIVE RAIL MAINTENANCE FACILITY
 Second Level Plan - CTEM/TRST and HR&O
 Parking Garage - Pennsy Drive

SCALE: 1" = 20'-0"
 DRAWING NO. PG-A-102
 SHEET NO. 13 of 24



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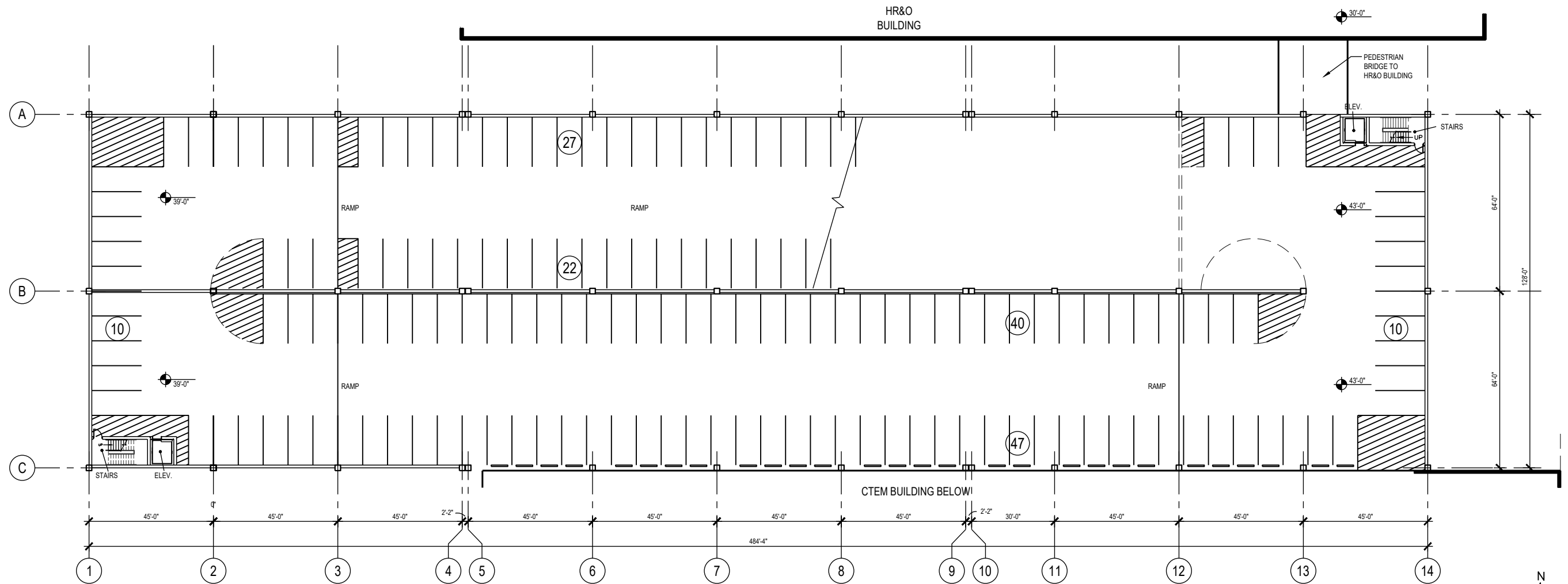
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SUBMITTED _____ DATE _____ APPROVED _____ DATE _____
CHIEF ENGINEER

PENNSY DRIVE RAIL MAINTENANCE FACILITY
 Third Level Plan - CTEM/TRST and HR&O
 Parking Garage - Pennsy Drive

SCALE: 1" = 20'-0"
 DRAWING NO. PG-A-103
 SHEET NO. 14 of 24

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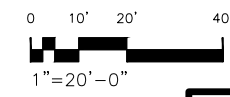
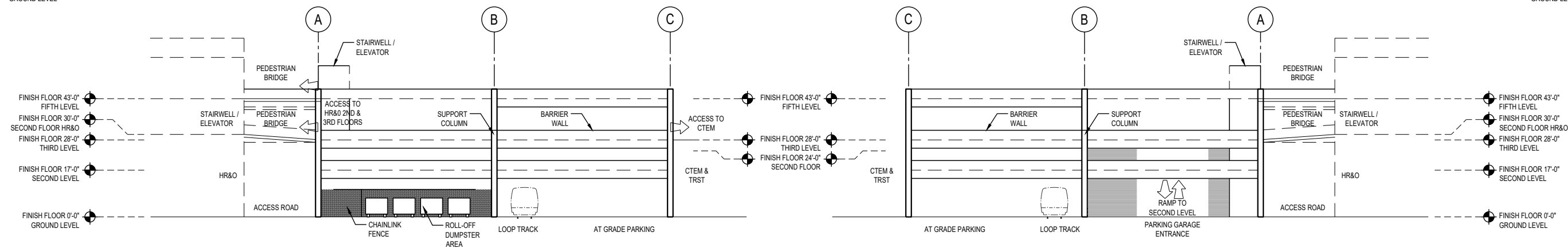
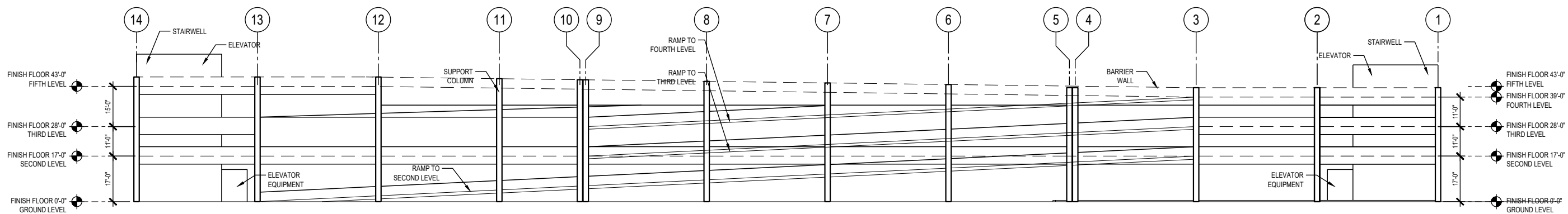
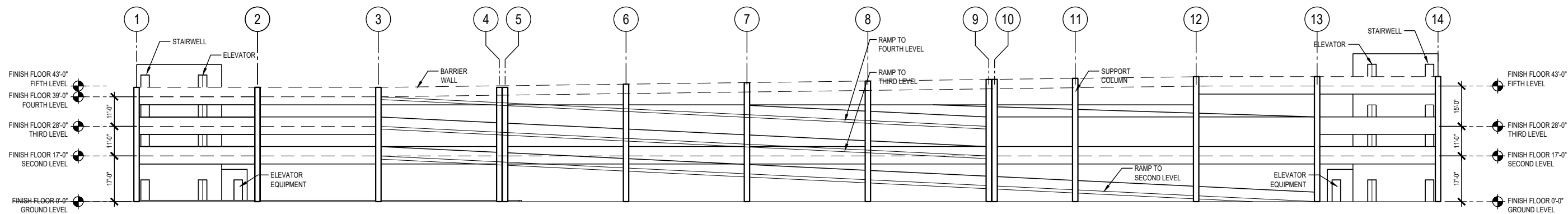
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PENNSY DRIVE RAIL MAINTENANCE FACILITY
 Fourth Level Plan - CTEM/TRST and HR&O
 Parking Garage - Pennsy Drive

SCALE 1" = 20'-0" DRAWING NO. PG-A-104 SHEET NO. 15 of 24



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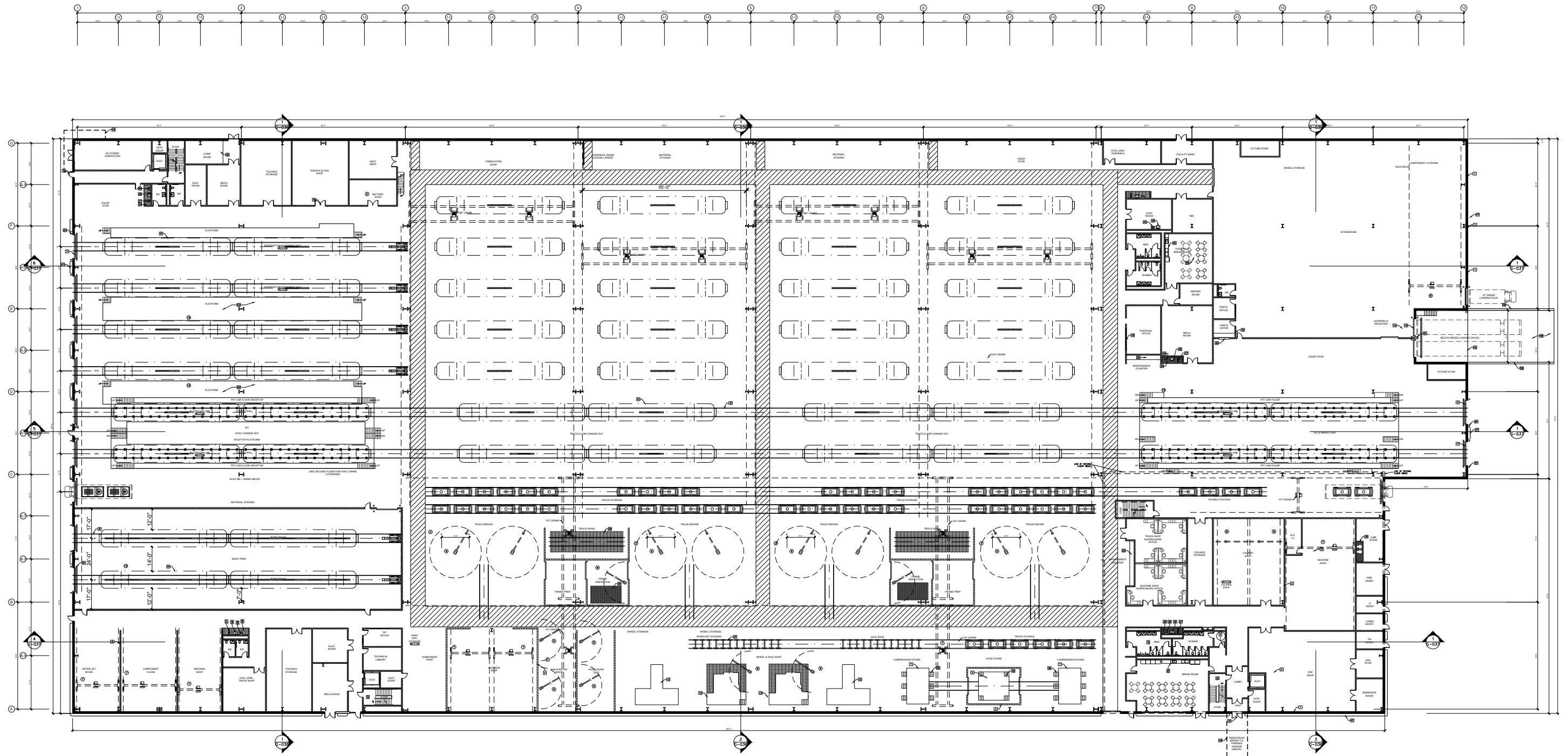
REVISIONS		
DATE	BY	DESCRIPTION

WASHINGTON METROPOLITAN TRANSIT AUTHORITY
 DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
 OFFICE OF MAJOR CAPITAL PROJECTS

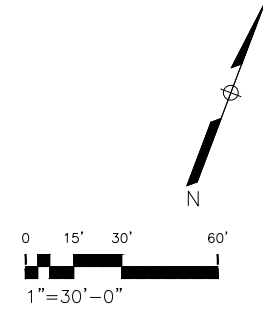
SUBMITTED _____ DATE _____ APPROVED _____ DATE _____
CHIEF ENGINEER

PENNSY DRIVE RAIL MAINTENANCE FACILITY
 Elevations - CTEM/TRST and HR&O
 Parking Garage - Pennsy Drive

SCALE: 1" = 20'-0"
 DRAWING NO. PG-A-201
 SHEET NO. 16 of 24



AREA 1	AREA 2	AREA 3	AREA 4
AREA 5	AREA 6	AREA 7	AREA 8
AREA 9	AREA 10	AREA 11	AREA 12
AREA 13	AREA 14	AREA 15	AREA 16



CONTRACT NO.
XXXXXXX

KEY PLAN

HEAVY REPAIR & OVERHAUL FACILITY
OVERALL ARCHITECTURE FIRST LEVEL PLAN
PENNSY DRIVE

SCALE: 1" = 30'-0"
 DRAWING NO. HR-A-100
 SHEET NO. 017 of 24

DESIGNED	ASI	9-21-2018
DRAWN	AH	9-21-2018
CHECKED	MNG	9-21-2018
APPROVED	ASI	9-21-2018

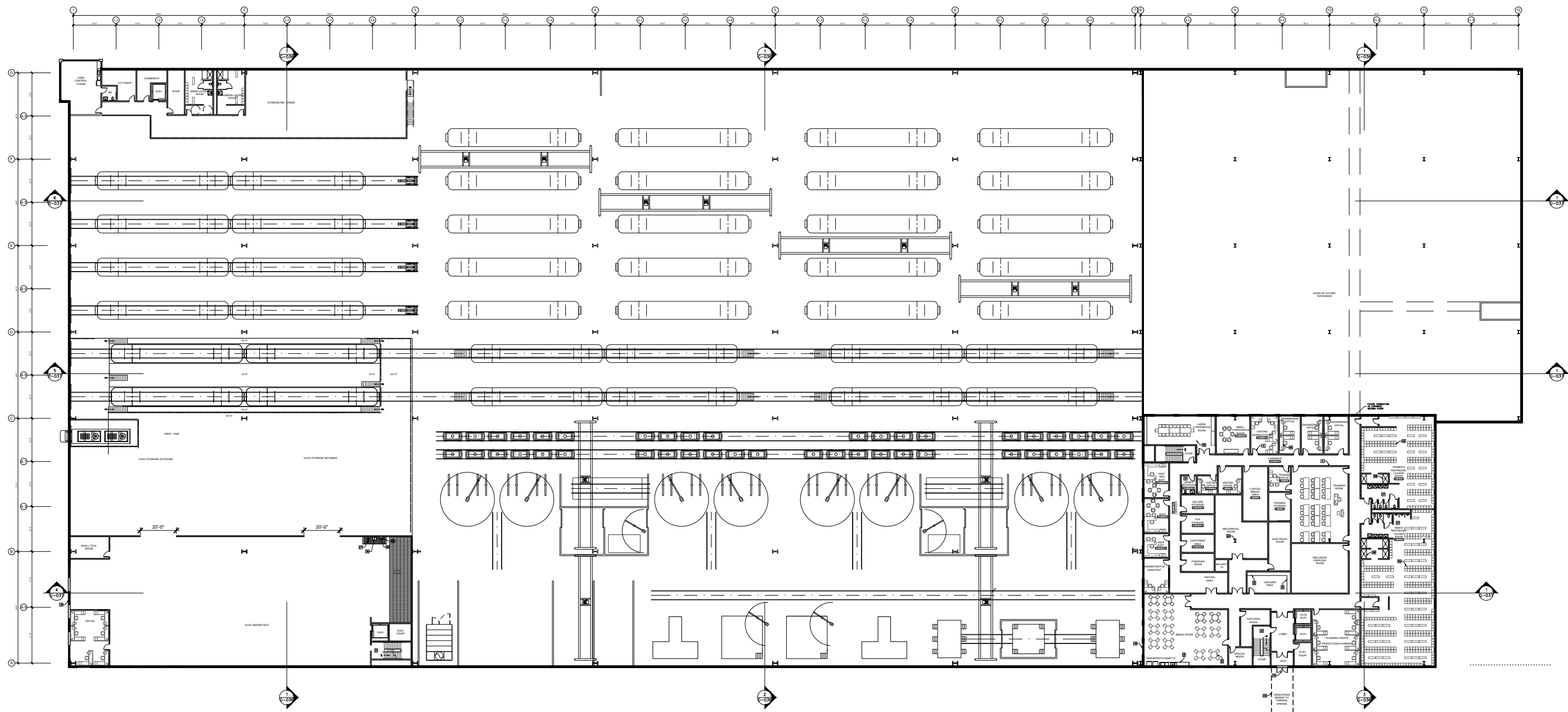
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NUMBER	DESCRIPTION

REVISIONS	
DATE	DESCRIPTION

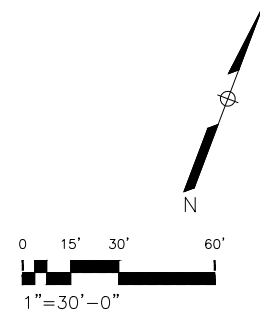


WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
 OFFICE OF MAJOR CAPITAL PROJECTS

SUBMITTED: 9/21/2018
 DATE: 9/21/2018
 APPROVED: [Signature]
 CHIEF ENGINEER: [Signature]
 DATE: [Signature]



AREA 1	AREA 2	AREA 3	AREA 4
AREA 5	AREA 6	AREA 7	AREA 8
AREA 9	AREA 10	AREA 11	AREA 12
AREA 13	AREA 14	AREA 15	AREA 16



CONTRACT NO.
XXXXXXX

KEY PLAN

DESIGNED	ASI	9-21-2018
		DATE
DRAWN	AH	9-21-2018
		DATE
CHECKED	MNG	9-21-2018
		DATE
APPROVED	ASI	9-21-2018
		DATE

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS		
DATE	BY	DESCRIPTION

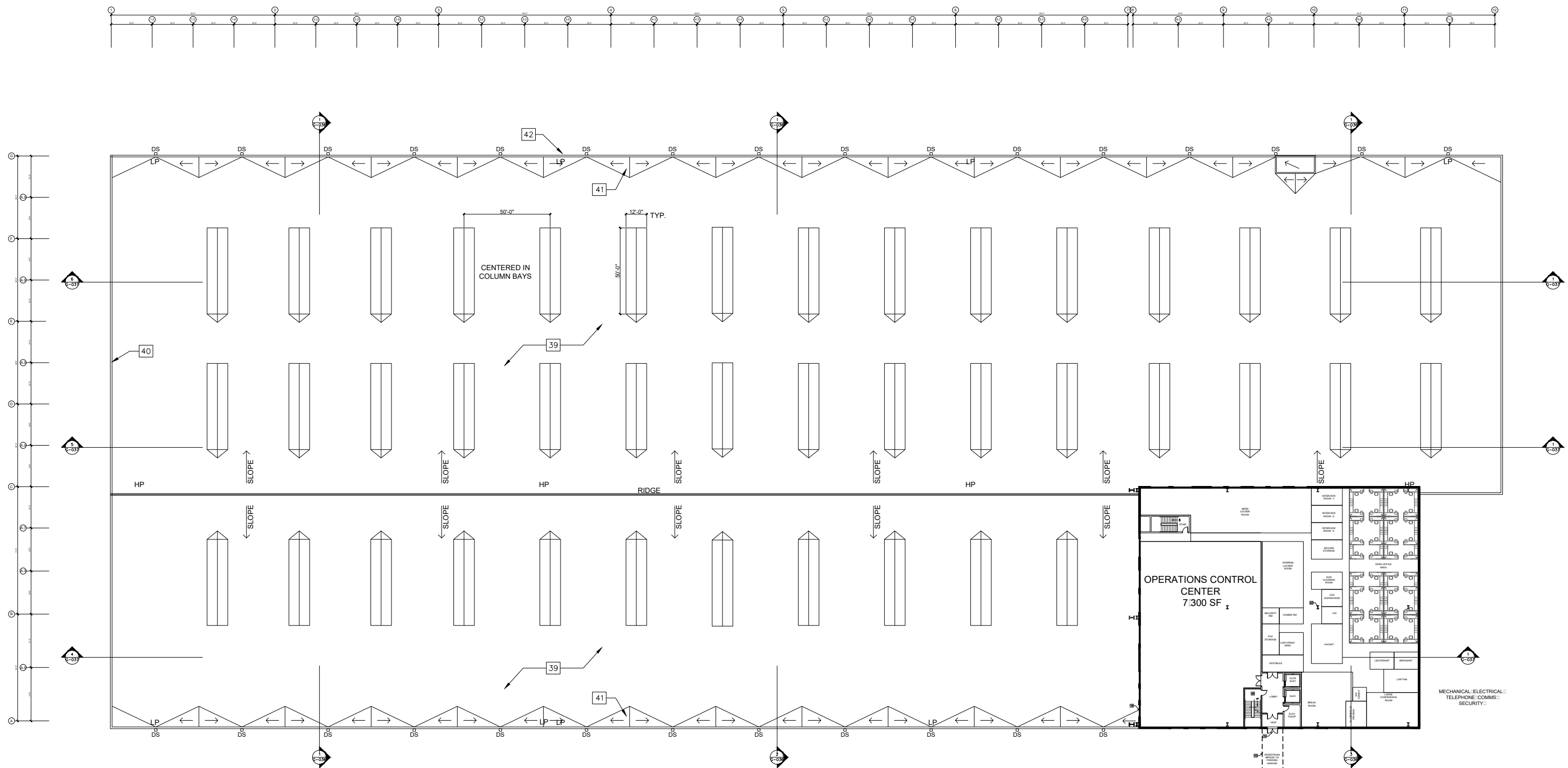


WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
 OFFICE OF MAJOR CAPITAL PROJECTS

SUBMITTED _____ 9/21/2018 DATE APPROVED _____ CHIEF ENGINEER DATE

HEAVY REPAIR & OVERHAUL FACILITY
OVERALL ARCHITECTURE SECOND LEVEL PLAN
PENNSY DRIVE

SCALE 1" = 30'-0" DRAWING NO. HR-A-150 SHEET NO. 18 of 24



DESIGNED	ASI	9-21-2018
		DATE
DRAWN	AH	9-21-2018
		DATE
CHECKED	MNG	9-21-2018
		DATE
APPROVED	ASI	9-21-2018
		DATE

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS			
NUMBER	DATE	BY	DESCRIPTION



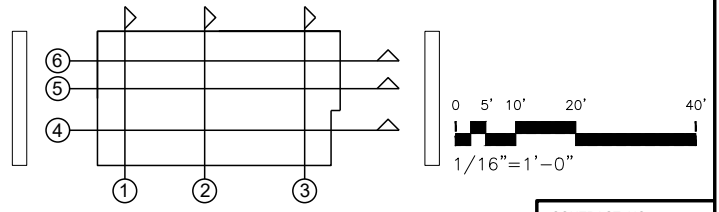
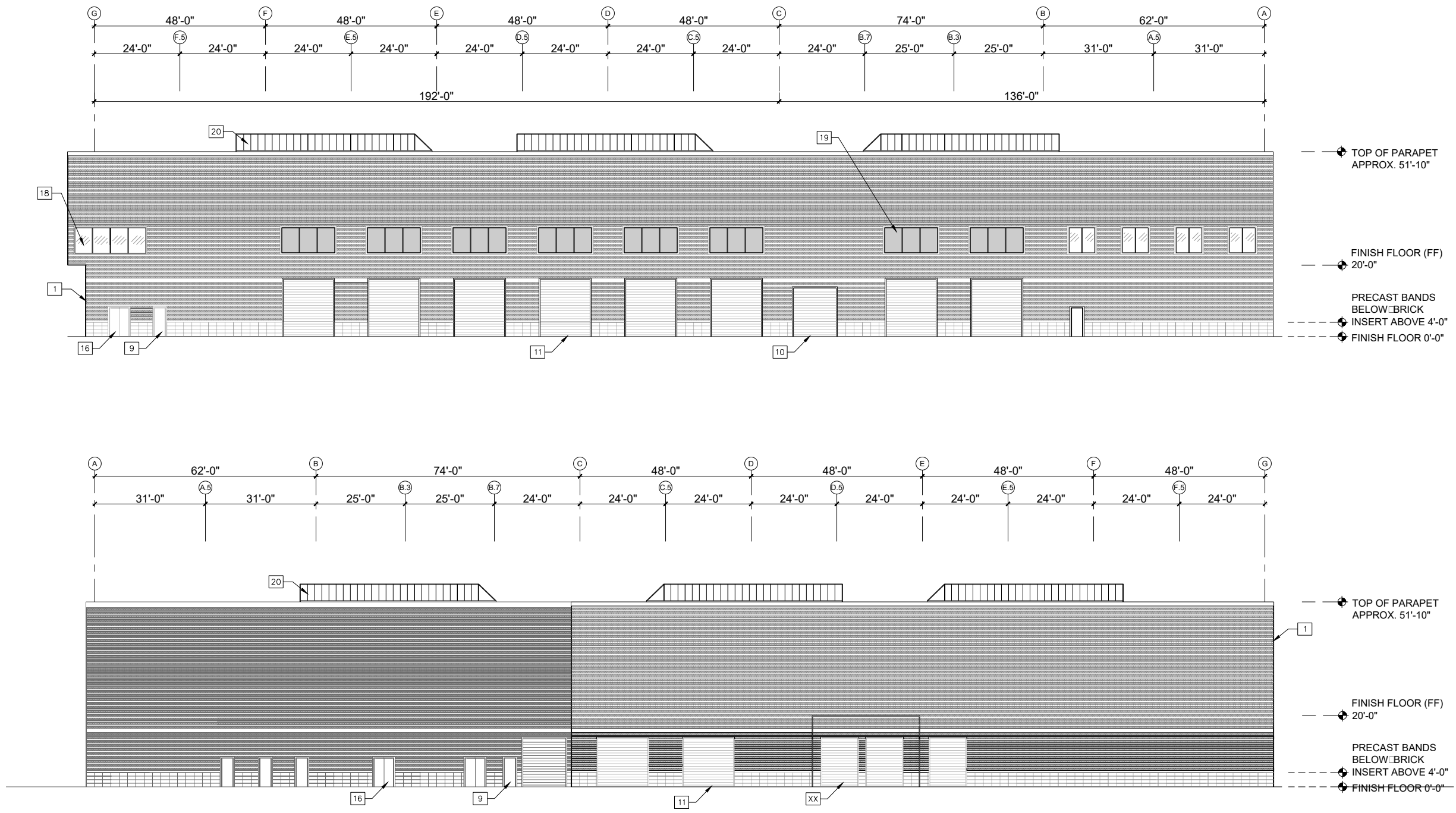
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
 OFFICE OF MAJOR CAPITAL PROJECTS

SUBMITTED _____ 9/21/2018 DATE
 APPROVED _____ CHIEF ENGINEER DATE

HEAVY REPAIR & OVERHAUL FACILITY
OVERALL ARCHITECTURE ROOF LEVEL PLAN
PENNSY DRIVE

SCALE 1" = 30'-0"
 DRAWING NO. HR-A-180
 SHEET NO. 19 of 24

CONTRACT NO. XXXXXXXX



CONTRACT NO.
XXXXXXX

DESIGNED	ASI	9-21-2018
		DATE
DRAWN	AH	9-21-2018
		DATE
CHECKED	MNG	9-21-2018
		DATE
APPROVED	ASI	9-21-2018
		DATE

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS		
NUMBER	DATE	DESCRIPTION



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
 OFFICE OF MAJOR CAPITAL PROJECTS

SUBMITTED 9/21/2018 DATE APPROVED _____ DATE
 CHIEF ENGINEER

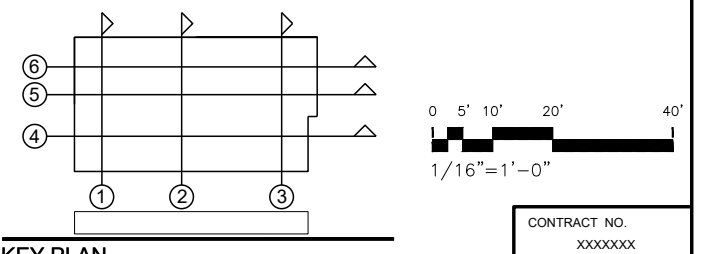
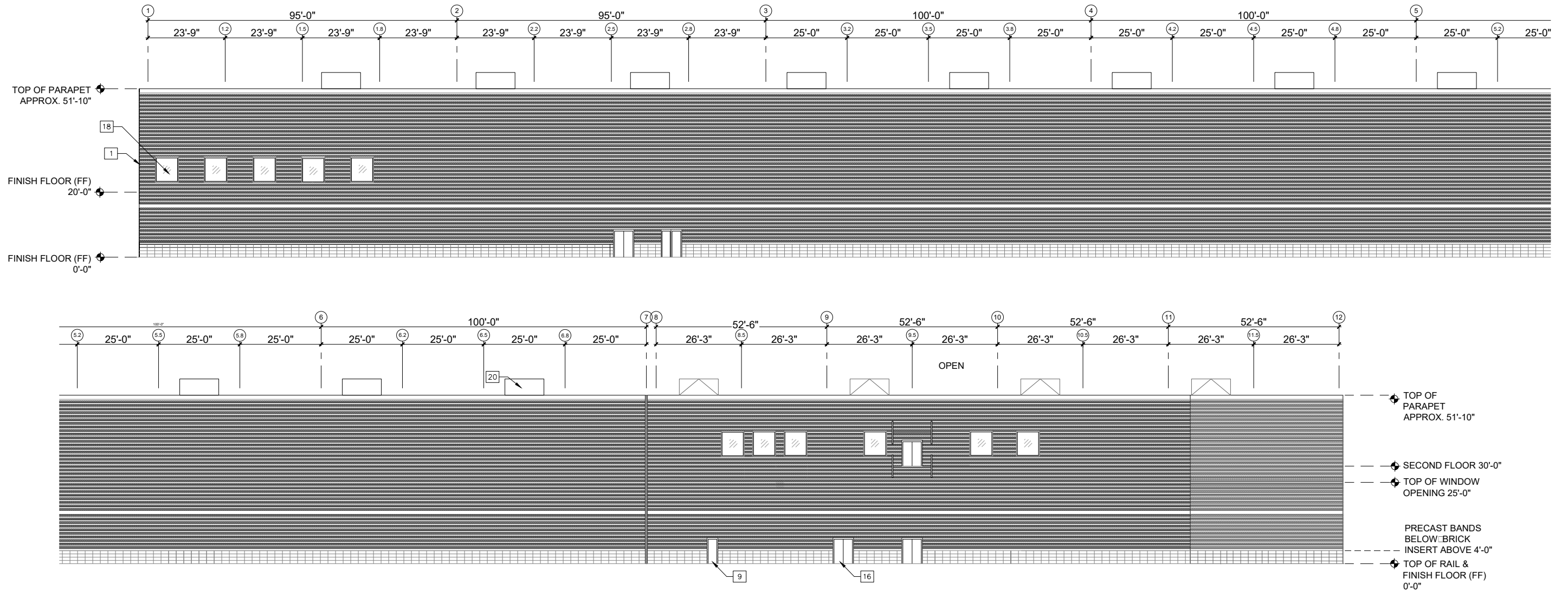
KEY PLAN

HEAVY REPAIR & OVERHAUL FACILITY
ARCHITECTURE - ELEVATIONS
PENNSY DRIVE

SCALE 1/16" = 1'-0"

DRAWING NO. HR-A-200

SHEET NO. 20 of 24



CONTRACT NO.
XXXXXXX

DESIGNED	ASI	9-21-2018
		DATE
DRAWN	AH	9-21-2018
		DATE
CHECKED	MNG	9-21-2018
		DATE
APPROVED	ASI	9-21-2018
		DATE

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS		
NUMBER	DATE	DESCRIPTION

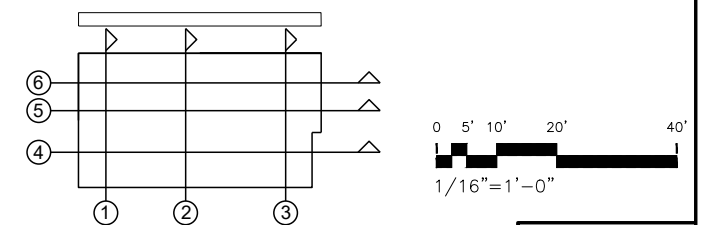
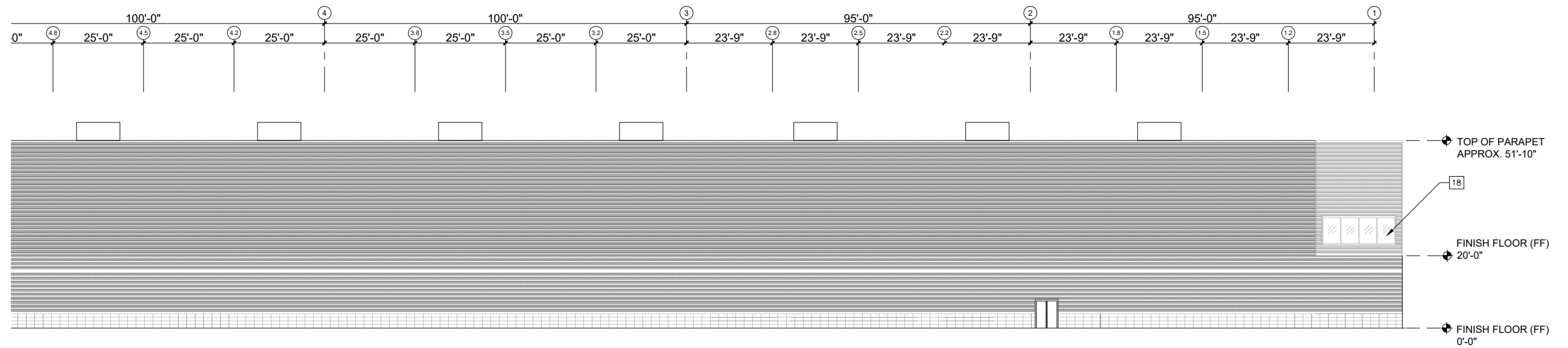
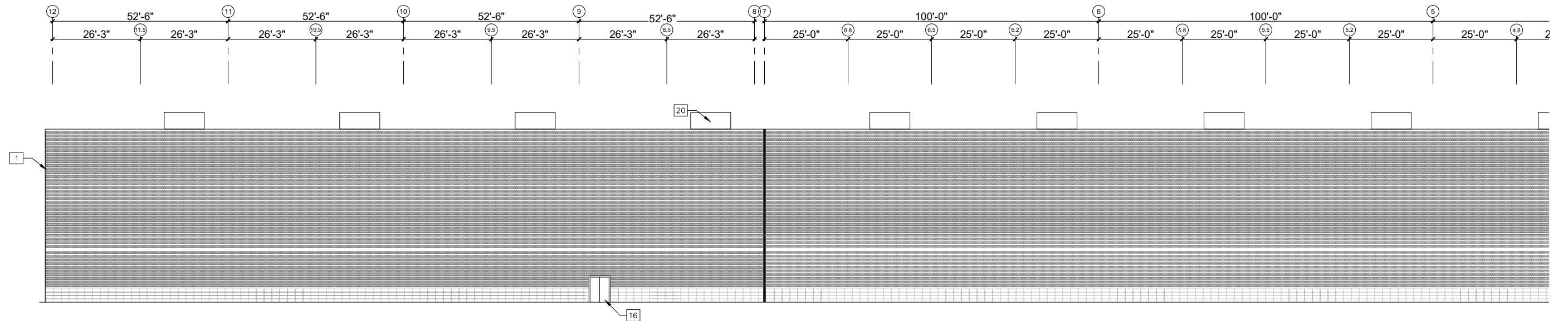


WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
 OFFICE OF MAJOR CAPITAL PROJECTS

SUBMITTED _____ 9/21/2018 DATE
 APPROVED _____ CHIEF ENGINEER DATE

HEAVY REPAIR & OVERHAUL FACILITY
ARCHITECTURE ELEVATIONS
PENNSY DRIVE

SCALE: 1/16" = 1'-0"
 DRAWING NO. HR-A-201
 SHEET NO. 21 of 024



CONTRACT NO.
XXXXXXX

KEY PLAN

HEAVY REPAIR & OVERHAUL FACILITY

ARCHITECTURE ELEVATIONS

PENNSY DRIVE

DESIGNED	ASI	9-21-2018
		DATE
DRAWN	AH	9-21-2018
		DATE
CHECKED	MNG	9-21-2018
		DATE
APPROVED	ASI	9-21-2018
		DATE

REFERENCE DRAWINGS		REVISIONS	
NUMBER	DESCRIPTION	DATE	BY

NUMBER	DESCRIPTION	DATE	BY



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES

OFFICE OF MAJOR CAPITAL PROJECTS

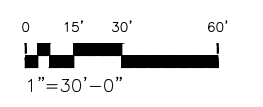
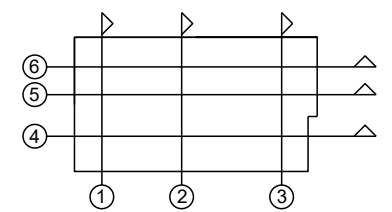
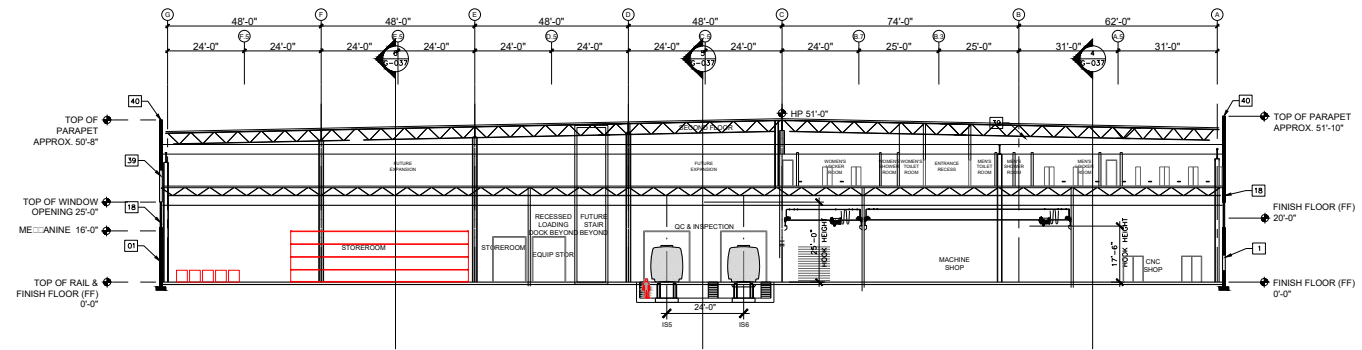
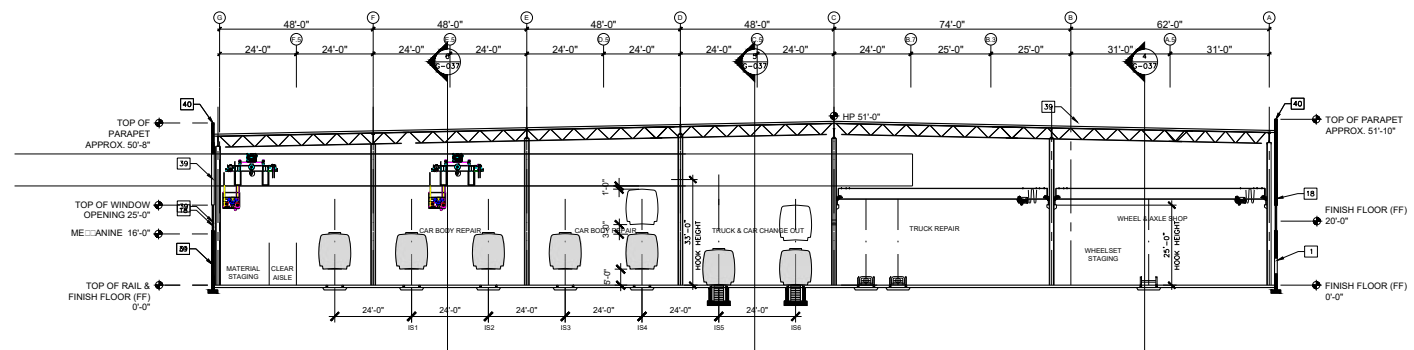
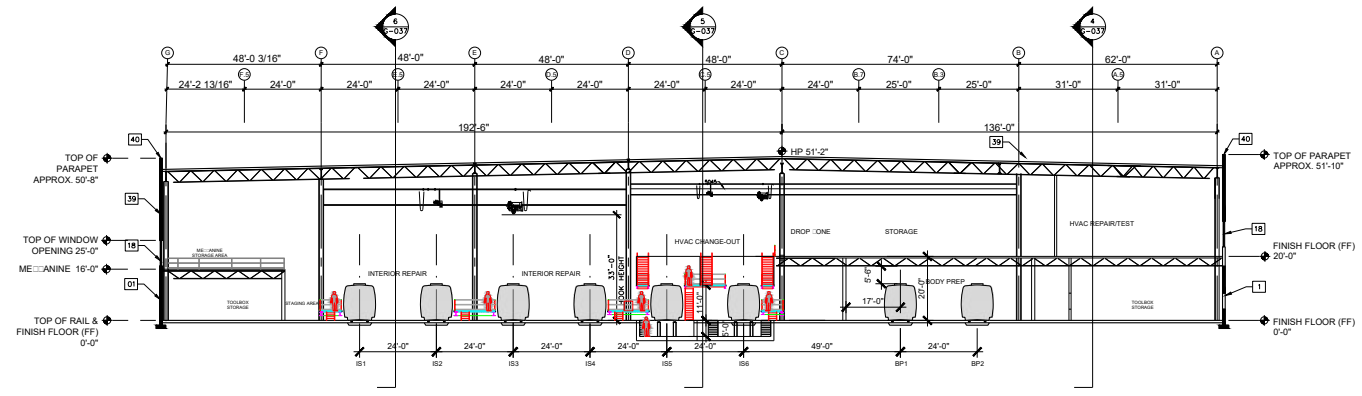
SUBMITTED _____ 9/21/2018 DATE

APPROVED _____ CHIEF ENGINEER DATE

SCALE
1/16" = 1'-0"

DRAWING NO.
HR-A-202

SHEET NO.
22 of 24



CONTRACT NO.
XXXXXXX

DESIGNED	ASI	9-21-2018
		DATE
DRAWN	AH	9-21-2018
		DATE
CHECKED	MNG	9-21-2018
		DATE
APPROVED	ASI	9-21-2018
		DATE

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS		
NUMBER	DATE	DESCRIPTION



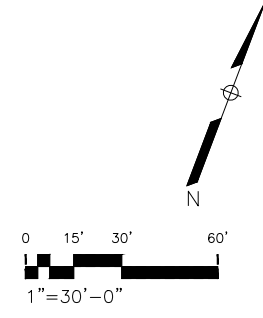
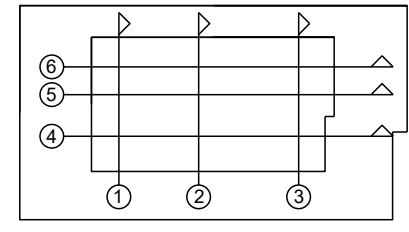
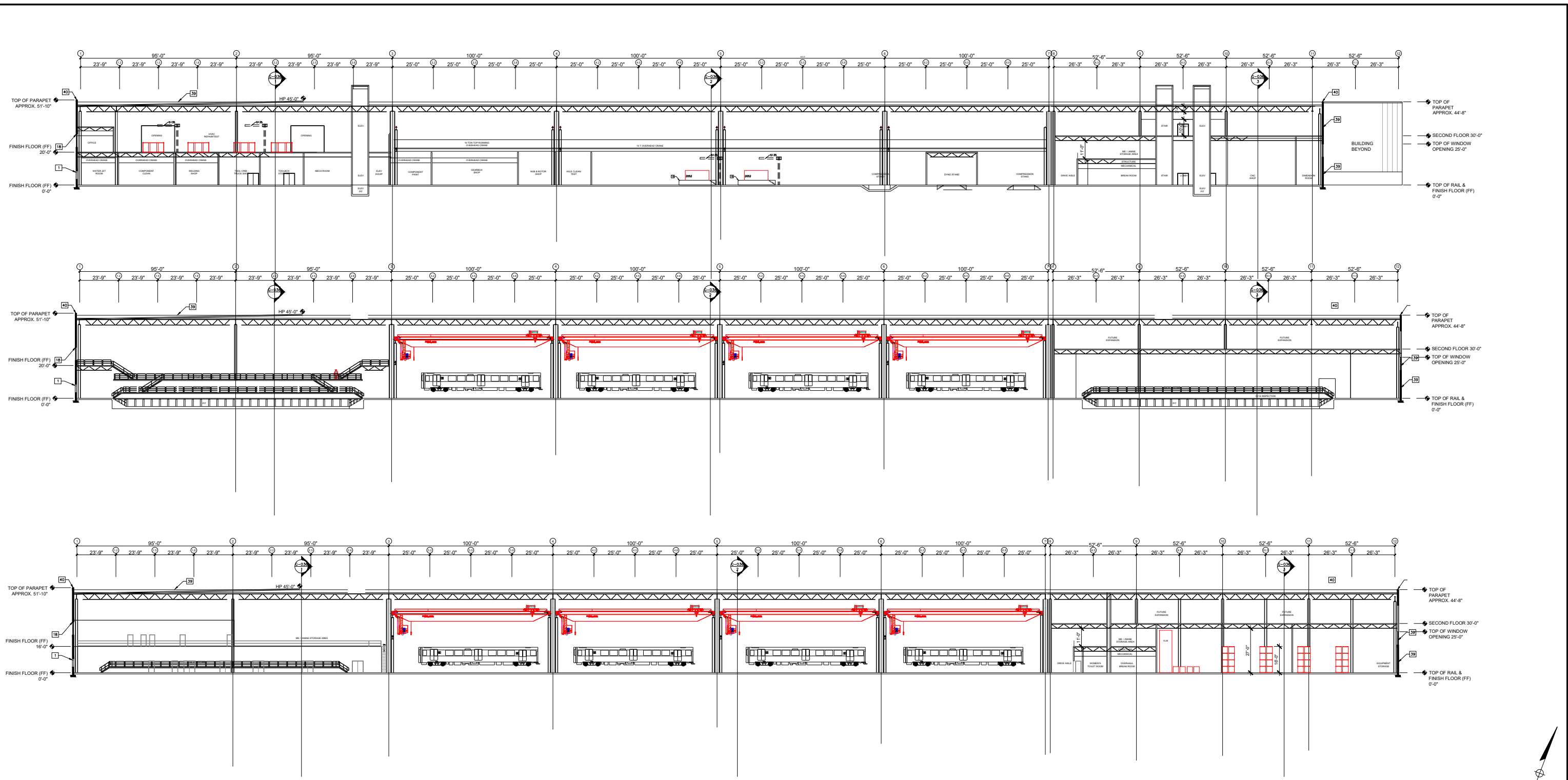
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
 OFFICE OF MAJOR CAPITAL PROJECTS

SUBMITTED _____ 9/21/2018 DATE
 APPROVED _____ CHIEF ENGINEER DATE

KEY PLAN

HEAVY REPAIR & OVERHAUL FACILITY
ARCHITECTURE - CROSS SECTIONS
PENNSY DRIVE

SCALE: 1" = 30'-0"
 DRAWING NO. HR-A-300
 SHEET NO. 23 of 24



CONTRACT NO.
XXXXXXX

DESIGNED	ASI	9-21-2018
		DATE
DRAWN	AH	9-21-2018
		DATE
CHECKED	MNG	9-21-2018
		DATE
APPROVED	ASI	9-21-2018
		DATE

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS		
NUMBER	DATE	DESCRIPTION



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES
 OFFICE OF MAJOR CAPITAL PROJECTS

SUBMITTED _____ 9/21/2018 DATE APPROVED _____ CHIEF ENGINEER DATE

HEAVY REPAIR & OVERHAUL FACILITY
ARCHITECTURE LONG SECTIONS
PENNSY DRIVE

SCALE: 1" = 30'-0"
 DRAWING NO. HR-A-301
 SHEET NO. 24 of 24