SPRINKLER SYSTEM REPLACEMENT
BUILDING "E"
BROADWAY MARINE TERMINAL

2500 BROADWAY, CAMDEN, NEW JERSEY

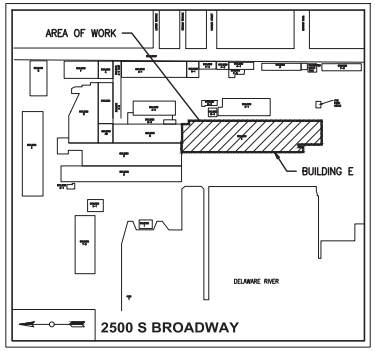
PREPARED FOR:

SOUTH JERSEY PORT CORPORATION

TWO AQUARIUM LOOP DRIVE
CAMDEN, NJ 08103

PROJECT DRAWING LIST

DRAWING NO.	SHEET NO.	SHEET TITLE
CS-1	1	PROJECT COVER SHEET
FP-0	2	FIRE PROTECTION COVER SHEET
FP-1	3	FIRE PROTECTION FLOOR PLAN BUILDING E
FP-2	4	FIRE PROTECTION FLOOR PLAN BUILDING E
FP-3	5	FIRE PROTECTION FLOOR PLAN BUILDING E



LOCATION MAP
Scale: N.T.S

PREPARED BY:
PENNONI ASSOCIATES INC.
515 Grove St., Suite 1B
Haddon Heights, NJ 08035
T 856.547.0505
F 856.547.9174

PENNONI ASSOCIATES INC.
515 Grove St., Suite 1B
Haddon Heights, NJ 08035
T 856.547.0505 F 856.547.9174

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.

BROADWAY TERMINAL BUILDINGS FIRE SPRINKLER SYSTEMS REPLACEMENT
SOUTH JERSEY PORT CORPORATION (SJPC)
2500 BROADWAY, CAMDEN, NEW JERSEY

COVER SHEET

SOUTH JERSEY PORT CORPORATION (SJPC)
2500 BROADWAY STREET
CAMDEN, NJ 08101

NO.	DATE	REVISIONS	BY
-	CATEGORY	ISSUED FOR BID	

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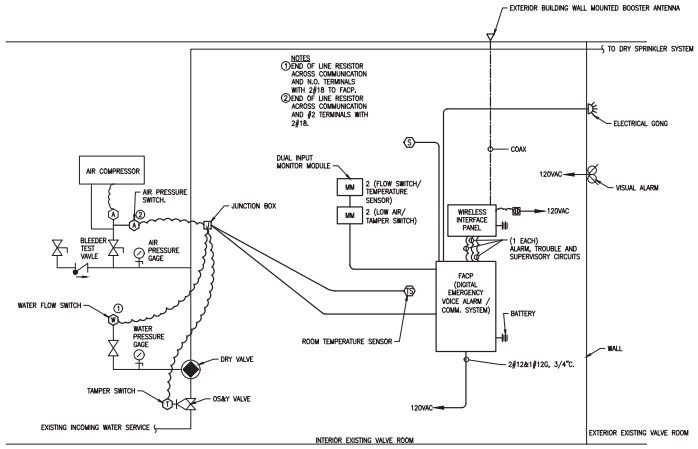
PROJECT	PCSJ 1502
DATE	9/XX/2024
DRAWING SCALE	AS NOTED
DRAWN BY	NL
APPROVED BY	RM

CS-1

SHEET 001 OF 005

DRY VALVE SYSTEM–OCCUPANCY HAZARD SCHEDULE

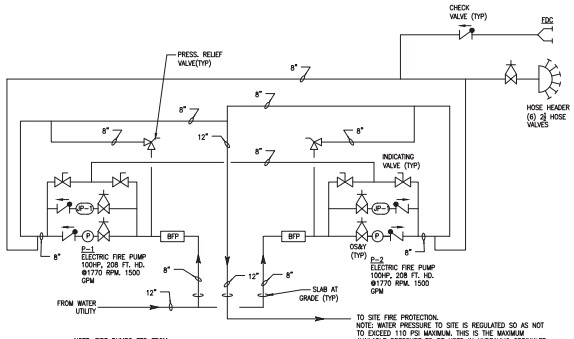
BUILDING	DRY VALVE SYSTEM	HAZARD	NOTES
E	845A–1	ORDINARY HAZARD GROUP 2	
E	845B–1	ORDINARY HAZARD GROUP 2	
E	846A–1	ORDINARY HAZARD GROUP 2	
E	846B–1	ORDINARY HAZARD GROUP 2	
E	847A–1	ORDINARY HAZARD GROUP 2	
E	847B–1	ORDINARY HAZARD GROUP 2	
E	847C–1	ORDINARY HAZARD GROUP 2	
E	847C–2	ORDINARY HAZARD GROUP 2	



2 FP–0 TYPICAL EXISTING DRY VALVE MONITORING DIAGRAM

SCALE: NTS

NOTES:
1. EXISTING PRESSURE SWITCHES, FLOW SWITCHES, TAMPER SWITCHES AND ALL ASSOCIATED MONITORING DEVICES SHALL BE CAREFULLY REMOVED, CLEANED, AND STORED. EXISTING DEVICES SHALL BE REINSTALLED IN NEW DRY VALVE SYSTEM AS REQUIRED FOR APPROVED, OPERATING MONITORING SYSTEM FOR EACH DRY VALVE.
2. INCLUDE RE–TESTING OF ALL ALARM DEVICES BY CURRENT ALARM MONITORING AGENCY/COMPANY
3. WHERE A NEW DRY VALVE RISER IS ADDED CONTRACTOR SHALL PROVIDE ALL FIRE ALARM ANNUNCIATION DEVICES TO MATCH "TYPICAL EXISTING DRY VALVE MONITORING DIAGRAM" AND EXISTING DRY VALVE RISER INSTALLATION. MUST BE COMPATIBLE W/EXISTING ANNUNCIATION SYSTEM.



NOTE: FIRE PUMPS FED FROM EMERGENCY GENERATOR AND LOCAL ELECT. UTILITY CO.

1 FP–0 EXISTING FIRE PUMP HOUSE PIPING – REFERENCE

SCALE: NTS

GENERAL REQUIREMENTS

1. THE SUBMISSION OF A PROPOSAL BY THE CONTRACTOR IS NOTIFICATION THAT THE CONTRACTOR HAS TOTALLY FAMILIARIZED HIMSELF WITH THE CONTRACT DOCUMENTS AND EXISTING SITE CONDITIONS AND HAS AGREED TO PROVIDE THE NECESSARY LABOR AND MATERIAL FOR THE COMPLETE INSTALLATION OF EACH SYSTEM IN A NEAT AND WORKMANLIKE MANNER IN ACCORDANCE WITH THE BEST PRACTICES OF THE INDUSTRY AND IN COMPLIANCE WITH ALL AUTHORITIES HAVING JURISDICTION.
2. THESE PERFORMANCE BASED DRAWINGS ARE PRESENTED TO THE CONTRACTOR WITH THE UNDERSTANDING THAT THE CONTRACTOR IS AN EXPERT AND COMPETENT IN THE PREPARATION OF CONTRACT BID PRICES ON THE BASIS OF INFORMATION SUCH AS IS CONTAINED IN THESE DOCUMENTS. IT IS THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO CALL FOR FINISHED WORK, TESTED AND READY FOR OPERATION AND IN COMPLETE CONFORMANCE WITH ALL APPLICABLE CODES, RULES, AND REGULATIONS.
3. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL DIMENSIONS IN THE FIELD, AND SHALL ADVISE THE ARCHITECT/ENGINEER AND THE OWNER OF ANY DISCREPANCIES BEFORE PERFORMING THE WORK.
4. THE DRAWINGS INDICATE ARRANGEMENTS AND APPROXIMATE SIZES AND RELATIVE LOCATIONS OF PRINCIPAL APPARATUS, EQUIPMENT, DEVICES, AND SERVICES TO BE PROVIDED. DRAWINGS ARE DIAGRAMMATIC AND ARE A GRAPHIC REPRESENTATION OF CONTRACT REQUIREMENTS TO THE BEST AVAILABLE STANDARDS AT THE SCALE INDICATED.
5. CONTRACTOR SHALL SCHEDULE HIS WORK IN ACCORDANCE WITH THE OWNER'S CONTINUAL USE OF THE WORK AREA SO THAT ALL OF HIS WORK CAN BE INSTALLED WITHOUT INTERRUPTION OF THE OWNER'S USE OF THE WORK AREA. ALL WORK RELATED TO SHUTDOWN OF EXISTING SERVICES SHALL BE PERFORMED AT THE HOURS DESIGNATED BY THE OWNER WITH ALL ASSOCIATED COSTS BORNE BY THE CONTRACTOR AT NO COST TO THE OWNER. PROVIDE ANY TEMPORARY FACILITIES REQUIRED TO PERMIT THE OWNER'S USE OF EXISTING FACILITIES AND SYSTEMS TO REMAINED UNDISTURBED. COORDINATE ALL WORK, INCLUDING ALL SHUTDOWNS THAT AFFECT SYSTEMS AND/OR PORTIONS OF THE BUILDING THAT MUST REMAIN IN OPERATION, WITH THE OWNER AND ALL OTHER CONTRACTORS.
6. CONTRACTOR SHALL SECURE AND PAY ALL FEES FOR PLAN REVIEWS, LICENSES, INSPECTIONS, AND PERMITS PERTAINING TO THE CONTRACT. SUBMIT TO OWNER DUPLICATE CERTIFICATES OF INSPECTION FROM APPROVED INSPECTION AGENCY.
7. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR WORKMEN'S IDENTIFICATION AND BADGING, SAFETY AND FIRE PROTECTION, BARRICADES, WARNING SIGNS, TRASH REMOVAL, CUTTING AND PATCHING. TRANSPORTATION WORKERS IDENTIFICATION CREDENTIALS (TWIC) ARE REQUIRED BY ALL CONTRACTORS PERSONNEL WHILE ON SITE.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RIGGING, HANDLING, AND PROTECTION OF MATERIALS. ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND WITHOUT BLEMISH OR DEFECT. ALL EQUIPMENT INSTALLED SHALL BEAR THE LABEL OF AN APPROVED AGENCY.
10. WHERE CONDUIT, CABLES, DUCTWORK, OR PIPING PASSES THROUGH FIRE RATED FLOORS OR WALLS, THE PENETRATION SHALL BE COMPLETELY SEALED WITH A FIRE STOP MATERIAL THAT IS UL LISTED AND ACCEPTED BY THE BUILDING DEPARTMENT AND FIRE DEPARTMENT AS BEING SUITABLE FOR THIS SERVICE. THIS MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MANUFACTURER TO MAINTAIN THE UL LISTED FIRE RATING OF THE PENETRATED WALL OR FLOOR.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SLAB OPENINGS, WALL OPENINGS, BEAM PENETRATIONS, AND CORING AS IT RELATES TO HIS WORK.
12. ALL EXTERIOR WALL OPENINGS SHALL BE SLEEVED, PROPERLY CAULKED, AND SEALED WITH A HIGH QUALITY SEALANT TO PREVENT INFILTRATION OF MOISTURE AND OUTSIDE AIR.
13. CONTRACTOR SHALL RESTORE EXISTING SYSTEMS, DEVICES, FINISHED, ETC. DAMAGED OR ALTERED BY WORK TO ACCEPTABLE CONDITIONS AS DETERMINED BY THE OWNER, ARCHITECT, AND/OR ENGINEER. EXISTING SYSTEMS AND SERVICES THAT ARE TEMPORARILY DISCONNECTED BUT ARE TO REMAIN IN USE SHALL BE PERMANENTLY RECONNECTED AND RETURNED TO PROPER OPERATION.
14. SUBMIT CATALOG INFORMATION, FACTORY ASSEMBLY DRAWINGS AND FIELD INSTALLATION DRAWINGS AS REQUIRED FOR A COMPLETE EXPLANATION AND DESCRIPTION OF ALL ITEMS TO BE PROVIDED. THE CONTRACTOR SHALL REVIEW AND APPROVE ALL SHOP DRAWINGS. NO SUBMISSION WILL BE ACCEPTED WITHOUT THE SIGNED APPROVAL OF THE CONTRACTOR. THE CONTRACTOR SHALL CHECK AND VERIFY ALL FIELD MEASUREMENTS.
15. A COMPLETE SET OF "AS–BUILT" DRAWINGS, ONE (1) SET IN HARD COPY REPRODUCIBLE AND ONE (1) SET OF ELECTRONIC FILES PRODUCED IN AUTOCAD FORMAT RELEASE 2012 (MIN.) SHALL BE FURNISHED TO THE OWNER AND ENGINEER UPON PROJECT COMPLETION. THREE (3) COMPLETE BOUND COPIES OF OPERATION AND MAINTENANCE MANUALS SHALL BE FURNISHED TO THE OWNER UPON PROJECT COMPLETION. CONTRACTOR SHALL INSTRUCT THE OWNER'S PERSONNEL WITH REGARD TO THE PROPER OPERATION OF ALL SYSTEMS TO THE SATISFACTION OF THE OWNER.
16. THE CONTRACTOR SHALL PROVIDE A NEATLY TYPED SCHEDULE DESCRIBING THE LOCATIONS BY BUILDING AND COLUMN LINES OF ALL AUXILIARY DRAINS, DRIP DRUMS AND INSPECTORS TEST CONNECTIONS.
17. EXISTING WORK THAT IS TO BE REMOVED SHALL BE TURNED OVER TO OWNER OR DISPOSED OF AT THE OWNERS DIRECTION. ALL WORK TO BE DISPOSED OF SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE PROMPTLY REMOVED FROM THE SITE. ALL EQUIPMENT TO BE TURNED OVER TO THE OWNER SHALL BE DELIVERED TO AN ON SITE CENTRAL RECEIVING LOCATION DESIGNATED BY THE OWNER.
18. UNLESS NOTED OTHERWISE ON THE DRAWINGS, THE RESPONSIBILITIES OF THE FIRE PROTECTION AND ELECTRICAL CONTRACTORS SHALL BE AS FOLLOWS: ELECTRICAL CONTRACTOR SHALL PROVIDE POWER WIRING AND DISCONNECT SWITCH FOR ALL FIRE PROTECTION EQUIPMENT.
19. ALL WORK FURNISHED UNDER THE CONTRACT SHALL BE GUARANTEED AGAINST ANY AND ALL DEFECTS IN WORKMANSHIP AND/OR MATERIALS FOR A PERIOD OF NOT LESS THAN (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE INSTALLATION. ANY DEFECTS OF WORKMANSHIP DEVELOPING DURING THIS PERIOD SHALL BE REMEDIED AND ANY DEFECTIVE MATERIAL REPLACED WITHOUT ADDITIONAL COST.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES INCURRED TO THE EXISTING BUILDING STRUCTURE: INCLUDING ROOF, WALLS, WINDOWS, DOORS, SIDEWALKS, PAVING, FINISHES, ETC. DURING STAGING, DELIVERY, DEMOLITION, CONSTRUCTION AND ALL PHASES NECESSARY TO COMPLETE WORK SPECIFIED. CONTRACTOR SHALL RESTORE EXISTING BUILDING DAMAGED OR ALTERED BY WORK TO ACCEPTABLE CONDITIONS AS DETERMINED BY THE OWNER. CONTRACTOR SHALL SECURE AND PAY ALL FEES FOR PLAN REVIEWS, LICENSES, INSPECTIONS, AND PERMITS PERTAINING TO WORK, AT NO COST TO THE OWNER.

DESIGN CRITERIA:

1. ALL DRY VALVE SYSTEMS FOR THE E BUILDING SHALL BE BASED UPON ORDINARY HAZARD GROUP 2, 0.20 GPM OVER 1950 SF REMOTE AREA.
2. WATER IS SUPPLIED TO THE SITE BY LOCAL UTILITY. WATER IS DISTRIBUTED TO SITE BY (2) 100 HP ELECTRIC FIRE PUMPS RATED AS 208 FT. HD BOOST, 1500 GPM EACH, FINAL PRESSURE TO SITE IS LIMITED BY A PRESSURE REDUCING VALVE.

AUXILIARY DRAIN LINE FREEZE PROTECTION NOTE

1. PROVIDE ALL NEW AUXILIARY DRAIN LINES WITH ELECTRIC HEAT TRACE TAPE AND INSULATION AS REQUIRED TO MAINTAIN PIPE TEMPERATURE ABOVE FORTY DEGREES FAHRENHEIT WITH AN AMBIENT TEMPERATURE OF MINUS TWENTY DEGREES FAHRENHEIT. HEAT TAPE SHALL BE SELF–REGULATING TYPE. SYSTEMS TO BE CONTROLLED USING A DIGITAL MULTI–LOOP LINE SENSING CONTROL PANEL LOCATED ADJACENT TO VALVE ROOM FIRE ALARM PANELS. COMPLETE INSTALLATION AND DESIGN AS PER MANUFACTURERS RECOMMENDATIONS. PROVIDE ALL REQUIRED 120 VAC POWER CIRCUIT WIRING. LOCATE NEAREST AVAILABLE ELECTRIC PANEL IN FIELD AND PROVIDE NEW BREAKERS AS REQUIRED FOR APPROVED INSTALLATION. INSULATION SHALL BE 1" FIBERGLASS, PRE–MOLDED WITH ALL SERVICE JACKET. FINISHED PIPE AND FITTINGS SHALL BE COVERED USING PREFORMED PVC SLEEVES AND COVERS.
2. IN LIEU OF PROVIDING THE FREEZE PROTECTION SYSTEM IN NOTE 1, THE CONTRACTOR MAY PROVIDE A PRE–MANUFACTURED AUXILIARY DRAIN CABINET MANUFACTURED BY AFG MODEL# 5400A OR 5400B (OR ENGINEER APPROVED EQUAL).

FIRE PROTECTION NOTES:

1. ALL EQUIPMENT AND MATERIALS USED AND WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE LATEST RULES AND REGULATIONS IN THE STATE OF NEW JERSEY OF THE FOLLOWING:
   A. FACTORY MUTUAL
   B. NATIONAL FIRE PROTECTION ASSOCIATION: PAMPHLET #13
   C. OWNER'S INSURANCE CARRIER
   D. LOCAL AND STATE REGULATIONS
   E. INTERNATIONAL BUILDING CODE (IBC)
   F. INTERNATIONAL FIRE CODE (IFC)
   G. AUTHORITY HAVING JURISDICTION
   H. UL LISTING
2. CONTRACTOR SHALL HAVE IN EMPLOYMENT AN ENGINEER LICENSED IN THE STATE OF NEW JERSEY WHO SHALL PROVIDE SIGNED AND SEALED SHOP DRAWINGS AND HYDRAULIC CALCULATIONS FOR REVIEW AND AS REQUIRED TO OBTAIN BUILDING PERMIT. PERFORM ALL SITE INVESTIGATION WORK AS REQUIRED TO CREATE SHOP DRAWINGS AND PERFORM HYDRAULIC CALCULATIONS.
3. CONTRACTOR SHALL PERFORM HYDRAULIC CALCULATIONS IN ACCORDANCE WITH NFPA 13 AND CRITERIA AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION. ALL PIPE SIZES, NUMBER, AND LOCATION OF HEADS, FLOW RATES, ETC. SHALL BE AS REQUIRED BY THE HYDRAULIC CALCULATIONS AND NFPA. WHERE FIELD CONDITIONS OR AUTHORITY HAVING JURISDICTION REQUIRES MORE HEADS OR OTHER WORK BEYOND WHAT IS SHOWN ON THESE DRAWINGS, CONTRACTOR SHALL PROVIDE SAME AT NO COST TO OWNER.
4. THE FLOW AND PRESSURE OF THE WATER SUPPLY SHALL BE DETERMINED FROM WATER FLOW OR FIRE PUMP TEST DATA AS PER THE REQUIREMENTS OF NFPA.
5. REQUIRED COPIES OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE OWNER'S INSURANCE CARRIER FOR REVIEW AND APPROVAL. DISTRIBUTION AND ROUTING OF DRAWINGS WILL BE DETERMINED AFTER AWARDING OF CONTRACT.
6. APPROVAL OF THE COMPLETE SYSTEM SHALL BE OBTAINED FROM THE AUTHORITIES HAVING JURISDICTION, AND A COPY OF SAME SHALL BE DELIVERED TO THE OWNER'S REPRESENTATIVE.
7. SUBMIT TO THE AHJ AND ENGINEER FOR APPROVAL ELECTRONIC COPIES OF HYDRAULIC CALCULATIONS, SHOP DRAWINGS, AND DETAILS SHOWING MAINS, RISERS, DRAINS, RUNS, BRANCHES, VALVES, ALARMS, FIRE HOSE RACKS, SIAMESE CONNECTIONS, ETC. FOR THE COMPLETE FIRE PROTECTION SYSTEM. ALSO SUBMIT FOR APPROVAL THE MANUFACTURER'S NAME, FIGURE NUMBERS, OR OTHER MEANS OF IDENTIFICATION OF ALL PIPE FITTINGS, VALVES, SPRINKLERS, AND OTHER MATERIALS REQUIRED FOR THE WORK.
8. ROUTE ALL SPRINKLER LINES TO AVOID INTERFERENCE WITH LIGHTING FIXTURES, DUCTS, PIPING, AND OTHER TRADES.
9. CONTRACTOR TO COORDINATE ALL FIRE PROTECTION SHUTDOWNS WITH THE FIRE SUBCODE OFFICIAL IN CITY / COUNTY A MINIMUM OF 24 HOURS PRIOR TO COMMENCING WORK.
10. ALL MATERIALS USED FOR FIRE PROTECTION WORK SHALL MEET THE REQUIREMENTS OF NFPA.
11. UNLESS INDICATED OTHERWISE ON THESE DOCUMENTS ALL SPRINKLER HEADS IN NEW SPRINKLER SYSTEM SHALL BE EQUAL TO RELIABLE MODEL G.
12. AT ALL TIMES WHILE THE EXISTING FIRE PROTECTION SYSTEM IS OUT OF SERVICE, PROCEDURES AND REQUIREMENTS OF IFC–2021 901.7, SYSTEM IMPAIRMENT CODE REQUIREMENTS, SHALL BE ENFORCED.
13. INSTALL HANGERS AND SUPPORTS FOR SPRINKLER SYSTEM PIPING ACCORDING TO NFPA 13 COMPLY WITH REQUIREMENTS IN NFPA 13 FOR HANGER MATERIALS. OWNER REQUESTS ALL HANGERS SHALL BE SUPPORTED FROM STEEL STRUCTURAL MEMBERS. NO HANGERS ARE TO BE SUPPORTED FROM WOOD STRUCTURAL MEMBERS.

EXISTING AND PROPOSED CONDITIONS

EXISTING BUILDINGS ARE OF COMBUSTIBLE CONSTRUCTION WITH AUTOMATIC DRY SPRINKLER SYSTEMS. EXISTING DRY SPRINKLER SYSTEMS SHALL BE REPLACED ON A ONE FOR ONE BASIS AND REMAIN ACTIVE WHILE THE REPLACEMENT SYSTEMS ARE INSTALLED. EXISTING WATER SERVICE ENTRANCE CONNECTIONS SHALL BE USED TO SUPPLY NEW WORK. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.

ELECTRIC HAZARD WARNING

TOP RUNNING OVERHEAD BRIDGE CRANES WITH EXPOSED HIGH VOLTAGE RUNWAY ELECTRIFICATION CONDUCTORS ARE PRESENT IN ALL BUILDINGS EXCEPT F, F–1 AND F–2. THE CONTRACTOR SHALL NOT PERFORM ANY WORK IN THE VICINITY OF A CRANE WHILE THE CRANE IS CONNECTED TO ITS ELECTRIC POWER SUPPLY AND OPERATIONAL. THE ELECTRIC POWER DISCONNECT SWITCH OF A CRANE IN THE VICINITY OF AN AREA WHERE WORK IS TO BE PERFORMED SHALL BE LOCKED IN THE DE–ENERGIZED POSITION BEFORE COMMENCEMENT OF WORK AND REMAIN LOCKED WHILE WORK IS PERFORMED OR CONSTRUCTION EQUIPMENT CAN COME IN CONTACT WITH THE CRANE OR ITS ELECTRIC POWER.

LEGEND

VH	VALVE HOUSE
FH	FIRE HYDRANT
	NEW DRY VALVE SPRINKLER SYSTEM RISER.
	EXISTING DRY VALVE SPRINKLER SYSTEM RISER.
16"	PIPE WITH PIPE SIZE
	CHECK VALVES WITH DIRECTION OF FLOW.
	OS&Y VALVE
	INDICATING VALVE
	PRESSURE GAUGE
PS	PRESSURE SWITCH
	ELECTRIC ALARM GONG.
P	FIRE PUMP
JP	JOCKEY PUMP
DV	DRY VALVE
FP	SPRINKLER PIPING
	PIPE BREAK
	PIPE CAP
	PIPE DROP
	PIPE RISE
FDC	FIRE DEPARTMENT CONNECTION
	POINT OF CONNECTION TO EXISTING
	LIMIT OF DEMOLITION
(N)	NEW
(E)	EXISTING
(ERA)	EXISTING TO REMAIN ACTIVE
(R)	REMOVE
	DEMOLITION WORK NOTE
	NEW WORK NOTE
	DENOTES AREA SERVED BY A DRY VALVE SYSTEM.
	DENOTES JUNCTION BOX
	UPRIGHT SPRINKLER HEAD
U/G	UNDER GROUND
NTS	NOT TO SCALE
VIF	VERIFY IN FIELD

PENNONI ASSOCIATES INC.
2900 Crystal Drive, Suite 100
Hadden Heights, NJ 08035
T 856.547.0505 F 856.547.9174

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NJ CERTIFICATE OF AUTHORIZATION NO. 24GA28003300

ROBERT MELLOHUSKY, PE
NEW JERSEY LICENSE NO. 24GE05401100

BROADWAY TERMINAL BUILDINGS FIRE SPRINKLER SYSTEMS REPLACEMENT

SOUTH JERSEY PORT CORPORATION (SJPC)
2300 BROADWAY, CAMDEN, NEW JERSEY

FIRE PROTECTION COVER SHEET

SOUTH JERSEY PORT CORPORATION (SJPC)
240 AND BECKETT STREETS
CAMDEN, NJ 08101

DATE	NO.	REVISIONS	BY
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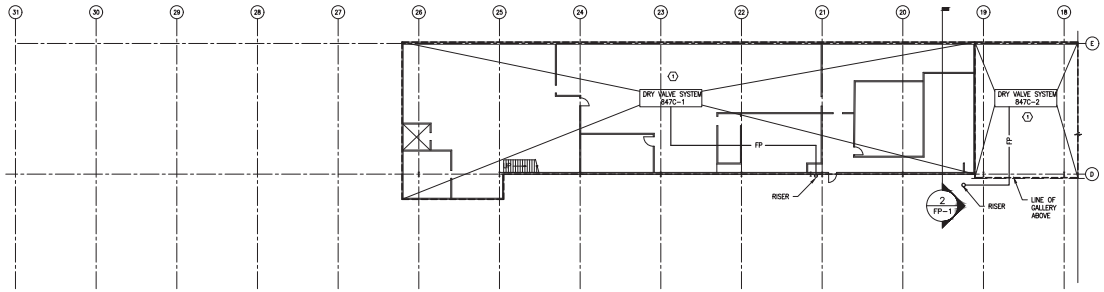
PROJECT	PCSJ.1502
DATE	9/XX/2024
DRAWING SCALE	AS NOTED
DRAWN BY	NL
APPROVED BY	RM

FP-0

SHEET 002 OF 005

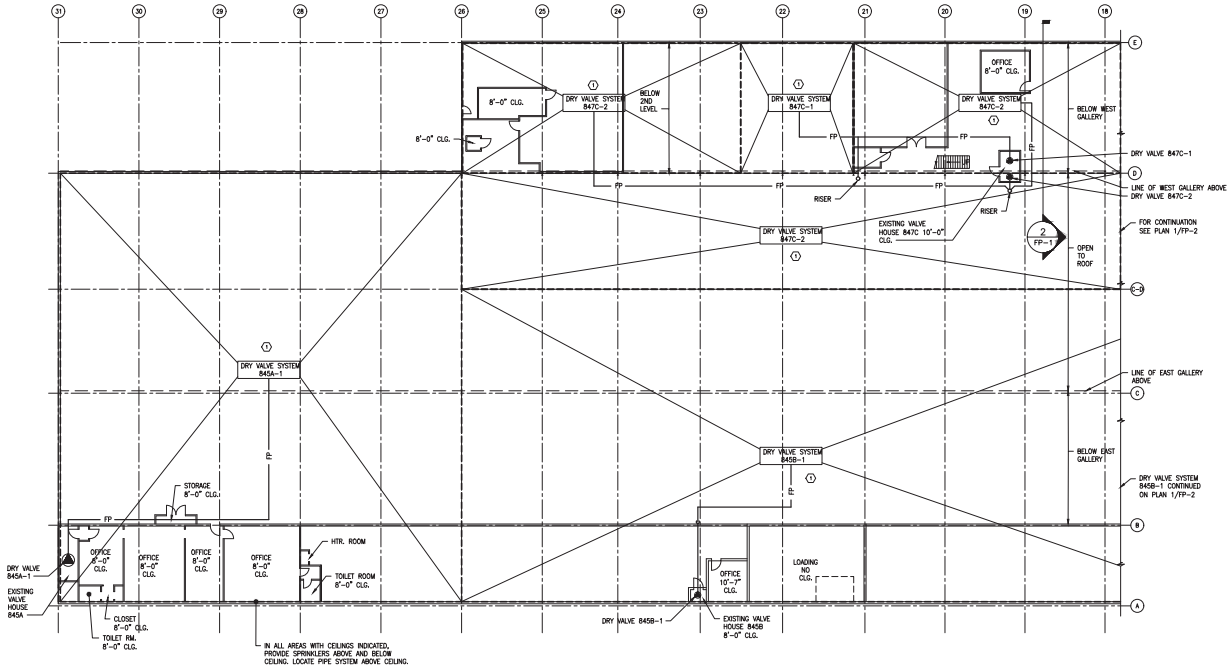


3 FP-1 BUILDING 'E' – SECOND LEVEL WEST – UNDER GALLERY

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

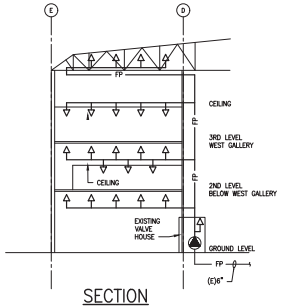
DEMOLITION NOTES

1. REMOVE ALL EXISTING SPRINKLER PIPING AND ASSOCIATED COMPONENTS AFTER NEW SPRINKLER SYSTEMS HAVE BEEN INSTALLED AND SUCH SUCCESSFULLY TESTED & INSPECTED/APPROVED BY THE AUTHORITY HAVING JURISDICTION.



1 FP-1 BUILDING 'E' – GROUND FLOOR – UNDER GALLERY – NEW

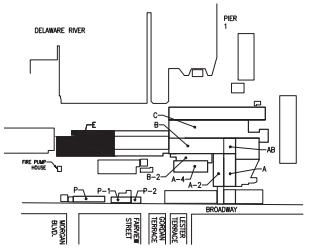
SCALE: 1/16"=1'-0"



SECTION BUILDING 'E' AT COL. 19

2 FP-1

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



KEY PLAN

NOT TO SCALE

PENNONI ASSOCIATES INC.
ENGINEERS & SURVEYORS
Haddon Heights, NJ 08035
T 856.547.0505 F 856.547.9174

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NJ CERTIFICATE OF AUTHORIZATION NO. 24GA28033300

ROBERT MELLOHUSKY, PE
NEXT ACCESS LICENSE NO. 24GE02444700

BROADWAY TERMINAL BUILDINGS FIRE SPRINKLER SYSTEMS REPLACEMENT

SOUTH JERSEY PORT CORPORATION (SJPC)
2300 BROADWAY, CAMDEN, NEW JERSEY

FIRE PROTECTION PLAN BUILDING 'E'

SOUTH JERSEY PORT CORPORATION (SJPC)
2ND AND BECKETT STREETS
CAMDEN, NJ 08101

DATE	NO.	REVISIONS	BY
12/4/2024	-	ISSUED FOR BID	

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PROJECT	PCSJ 1502
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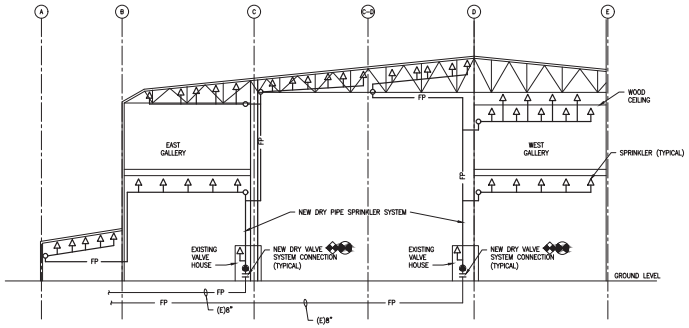
DRAWING SCALE	AS NOTED
DRAWN BY	NL
APPROVED BY	RM

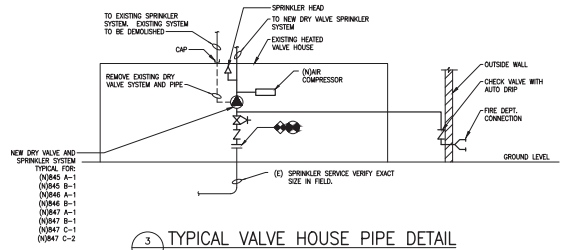
FP-1

SHEET 003 OF 005



2 FP-2 SECTION – BUILDING 'E'

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



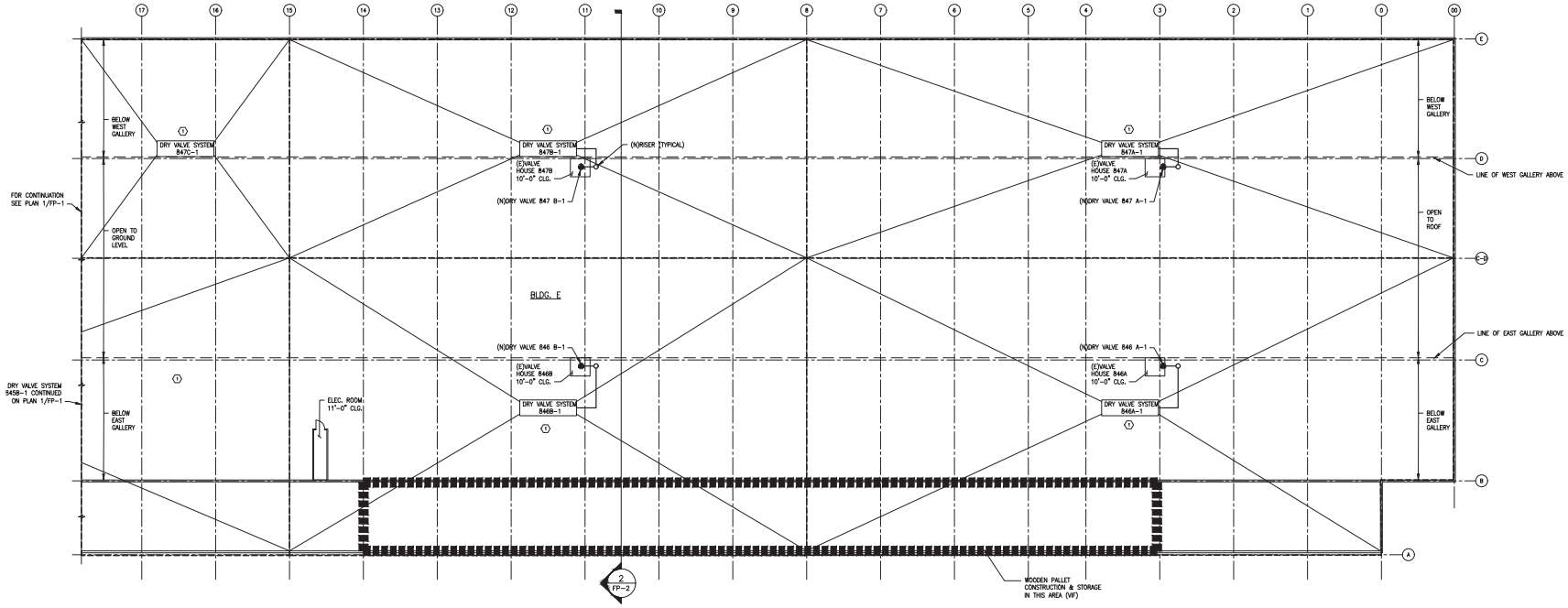
3 FP-2 TYPICAL VALVE HOUSE PIPE DETAIL

SCALE: NONE

REMOVE EXISTING DRY VALVE SYSTEM AND PIPING IN VALVE ROOM.

PROVIDE NEW DRY VALVE SPRINKLER SYSTEM. CONNECT (N)AIR COMPRESSOR POWER TO EXISTING AIR COMPRESSOR 120V POWER CIRCUIT.

NOTE: VALVE HOUSE 847C HAS 2 DRY VALVES – 847C-1 & 847C-2 – CONNECT BOTH DRY VALVES TO A COMMON FIRE DEPARTMENT CONNECTION.



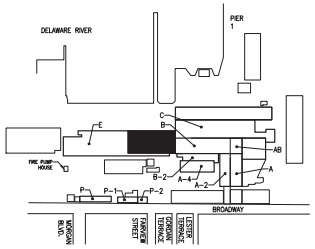
1 FP-2 FIRE PROTECTION BUILDING 'E' – GROUND FLOOR UNDER GALLERY – NEW

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

NOTE: ALL AREAS WHERE CEILINGS ARE INDICATED PROVIDE SPRINKLER ABOVE AND BELOW CEILING.

DEMOLITION NOTES

1. REMOVE ALL EXISTING SPRINKLER PIPING AND ASSOCIATED COMPONENTS AFTER NEW SPRINKLER SYSTEMS HAVE BEEN INSTALLED AND SUCH SUCCESSFULLY TESTED & INSPECTED/APPROVED BY THE AUTHORITY HAVING JURISDICTION.



KEY PLAN

NOT TO SCALE

PENNONI ASSOCIATES INC.
2900 Crystal Drive, Suite 1
Hadden Heights, NJ 08035
T 856.547.0505 F 856.547.9174

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.

NJ CERTIFICATE OF AUTHORIZATION NO. 24GA28003300

ROBERT MELLOHUSKY, PE
NJ#: 24GE02613300, CA: C052024, NY: 0

BROADWAY TERMINAL BUILDINGS FIRE SPRINKLER SYSTEMS REPLACEMENT

SOUTH JERSEY PORT CORPORATION (SJPC)
2500 BROADWAY, CAMDEN, NEW JERSEY

FIRE PROTECTION PLAN BUILDING 'E'

SOUTH JERSEY PORT CORPORATION (SJPC)
2240 AND BECKETT STREETS
CAMDEN, NJ 08101

NO.	DATE	REVISIONS	BY
-	12/4/2024	ISSUED FOR BID	

ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR SUITABLE FOR REUSE BY OWNER OR OTHERS ON THIS PROJECT, OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNER'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO PENNONI ASSOCIATES; AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS PENNONI ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

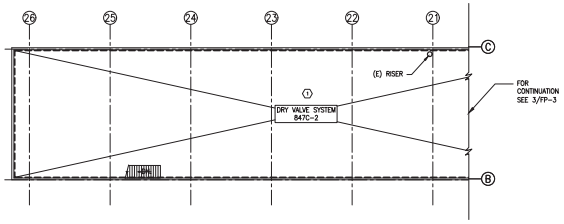
PROJECT	PCSJ 1502
DATE	9/XX/2024
DRAWING SCALE	AS NOTED
DRAWN BY	NL
APPROVED BY	RM

FP-2

SHEET 004 OF 005

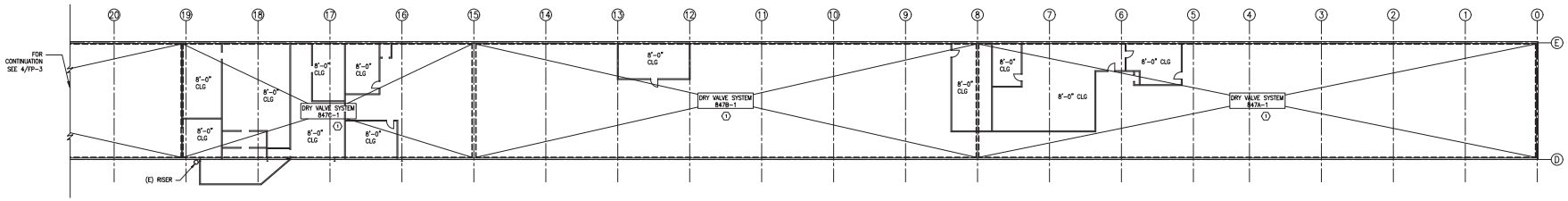
DEMOLITION NOTES

1. REMOVE ALL EXISTING SPRINKLER PIPING AND ASSOCIATED COMPONENTS AFTER NEW SPRINKLER SYSTEMS HAVE BEEN INSTALLED AND SUCH SUCCESSFULLY TESTED & INSPECTED/APPROVED BY THE AUTHORITY HAVING JURISDICTION.



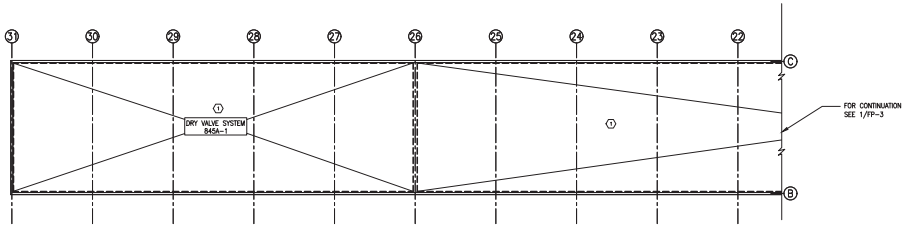
4 FP-3 FIRE PROTECTION BUILDING 'E' – WEST GALLERY PARTIAL PLAN – UNDER ROOF – NEW

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



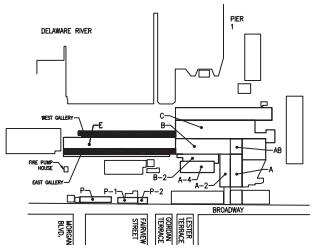
3 FP-3 FIRE PROTECTION BLDG. 'E' – WEST GALLERY PARTIAL PLAN – UNDER ROOF – NEW

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



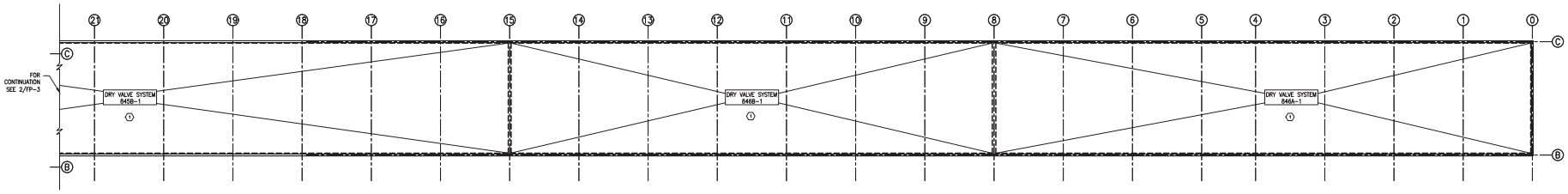
2 FP-3 FIRE PROTECTION BUILDING 'E' – EAST GALLERY PARTIAL PLAN – NEW

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



KEY PLAN

NOT TO SCALE



1 FP-3 FIRE PROTECTION BUILDING 'E' – EAST GALLERY PARTIAL PLAN – NEW

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

PENNONI ASSOCIATES INC.
2900 CROSS KEYS ROAD
Haddon Heights, NJ 08035
T 856.547.0505 F 856.547.9174

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NJ CERTIFICATE OF AUTHORIZATION NO. 24GA28033300

ROBERT MELLOHUSKY, P.E
NEW JERSEY LICENSE NO. 24GE02444100

BROADWAY TERMINAL BUILDINGS FIRE SPRINKLER SYSTEMS REPLACEMENT

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PROJECT	PCSJ 1502
DATE	9/XX/2024
DRAWING SCALE	AS NOTED
DRAWN BY	NL
APPROVED BY	RM

FP-3

SHEET 005 OF 005