

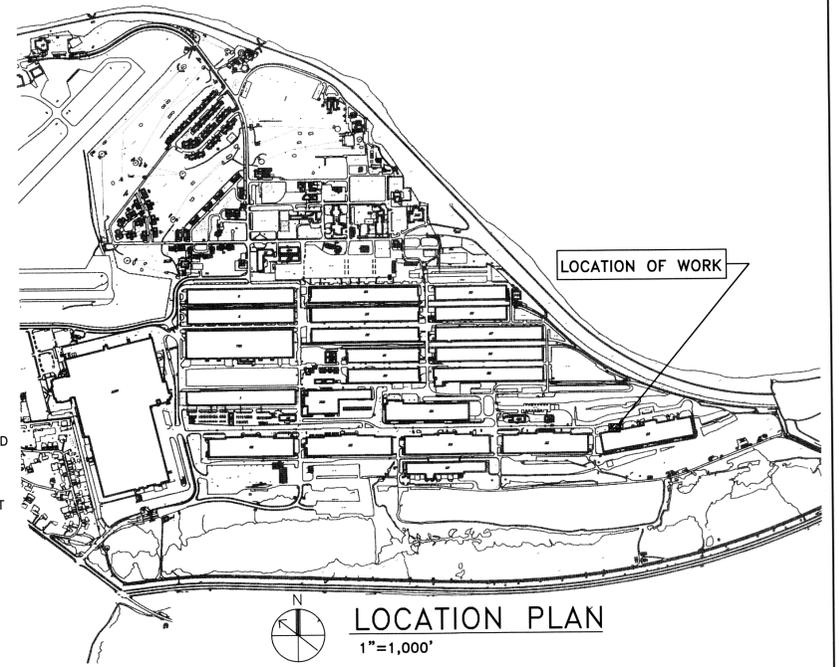
**STRUCTURAL NOTES**

- ALL CONCRETE FOR STRUCTURES SHALL BE AIR-ENTRAINED CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 POUNDS PER SQUARE INCH AT 28 DAYS (ACI 318-05), UON.
- REINFORCEMENT BARS SHALL BE NEW BILLET STEEL CONFORMING TO ASTM DESIGNATION A615, GRADE 60, DEFORMED. ALL SLAB REINFORCEMENT SHALL BE SET ON CHAIRS.
- CONCRETE DESIGN IS IN CONFORMANCE WITH "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318-05).
- ALL CONCRETE WORK SHALL CONFORM TO "SPECIFICATIONS FOR STRUCTURAL CONCRETE" (ACI 301-05).
- DETAIL, FABRICATE AND ERECT REINFORCEMENT BARS, INCLUDING BAR SUPPORTS, SPACERS, ETC. IN ACCORDANCE WITH "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" (ACI 315-99).
- EPOXY ADHESIVE (FOR GROUTING DOWELS): USE HIGH MODULUS, MOISTURE INSENSITIVE EPOXY ADHESIVE OF THICK (GEL) CONSISTENCY.  
ACCEPTABLE MANUFACTURERS:  
A. SIKA CORPORATION SIKADUR 31 HI-MOD GEL.  
B. EUCLID CHEMICAL COMPANY: EUCO EPOXY #452 GEL OR #620 GEL.  
C. OR EQUAL
- CONCRETE COVER FOR REINFORCEMENT BARS SHALL CONFORM TO THE FOLLOWING, UNLESS INDICATED OTHERWISE ON THE DRAWINGS:  
A. UNFORMED SURFACES IN CONTACT WITH GROUND..... 3 INCHES  
B. FORMED SURFACES EXPOSED TO EARTH OR WEATHER NO. 5 BARS AND SMALLER..... 1 1/2 INCHES  
C. INTERIOR EXPOSURE TOP OF SLABS ..... 1 1/2 INCHES
- UNLESS SHOWN OTHERWISE, BARS AT SPLICES SHALL BE LAPPED IN ACCORDANCE WITH THE TABLE "REINFORCING STEEL LAP SPLICES AND EMBEDMENTS" SHOWN ON THIS SHEET.

# INSTALL NEW DOCK LEVELERS & ADJUST DOCK HEIGHTS @ DOORS 03 & 04, BUILDING 89, BAY 1 DEFENSE DISTRIBUTION DEPOT SUSQUEHANNA, PA. NEW CUMBERLAND, PENNSYLVANIA 17070-5002

**SITE WORK LEGEND**

EXISTING FEATURES	PROPOSED IMPROVEMENTS
— BOLLARD	—SS— STORM MAIN PIPELINE
— FIRE HYDRANT	363.81 SPOT ELEVATION VALUE AND MARKER
— POLE MOUNTED LIGHT	CONCRETE PAVEMENT TO BE REMOVED
— STORM DRAIN MANHOLE	PROPOSED NEW CONCRETE PAVEMENT
— POLE/POST MOUNTED SIGN	
— WATER VALVE/CURB BOX	
— SANITARY SEWER MAIN	
— STORM SEWER (MAIN AND LATERAL)	
— WATER MAIN	
— UNDERGROUND ELECTRIC	
— UNDERGROUND COMMUNICATIONS	
— SPOT ELEVATION VALUE AND MARKER	



**ABBREVIATIONS**

A/C — AIR CONDITIONER	MAT'L — MATERIAL
BC — BOTTOM OF CURB	MIN — MINIMUM
BIT — BITUMINOUS	O.D. — OUTSIDE DIAMETER
BLDG — BUILDING	OC — ON CENTER
CL — CENTERLINE	PIV — POST INDICATOR VALVE
CONC — CONCRETE	PLCS — PLACES
DIA — DIAMETER	PVC — POLYVINYL CHLORIDE
EW — EACH WAY	SCH — SCHEDULE
EX — EXISTING	SLOPP — SMOOTH LINED CORRUGATED PLASTIC PIPE
EXIST — EXISTING	SS — STORM SEWER
I.E. — INVERT ELEVATION	SY — SQUARE YARDS
INV — INVERT	T — TELEPHONE
JT — JOINT	T&B — TOP & BOTTOM
LBS — POUNDS	TC — TOP OF CURB
LF — LINEAR FEET	TG — TOP OF GRATE
MAC — MACADAM	THK — THICK
	TYP — TYPICAL
	UON — UNLESS OTHERWISE NOTED

**GENERAL NOTES**

- THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL DIMENSIONS OF EXISTING WORK PRIOR TO FABRICATION OF ANY NEW MATERIALS. CONTRACTOR IS RESPONSIBLE FOR THE PROPER FIT OF PROPOSED CONSTRUCTION WITH EXISTING STRUCTURE.
- PROVIDE THE MATERIAL AND PERFORM WORK IN ACCORDANCE WITH THE FEDERAL GOVERNMENT SPECIFICATIONS.
- THE CONTRACTOR IS ADVISED THAT ALL PLANS, DIMENSIONS, AND DETAILS DEPICT FIELD CONDITIONS AS SHOWN. MINOR VARIATIONS ARE TO BE EXPECTED AND ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS SHALL BE APPROVED BY THE ENGINEER IN WRITING PRIOR TO PROCEEDING.
- LOCATION OF EXISTING UTILITIES WERE TAKEN FROM AVAILABLE RECORDS AND ARE APPROXIMATE ONLY. IN ACCORDANCE WITH THE REQUIREMENTS OF THE UNDERGROUND UTILITY LINE PROTECTION ACT (P.L. 852, NO. 287) AS AMENDED BY THE ACT (P.L. 1567, NO. 199) OF NOVEMBER 30, 2004, THE CONTRACTOR MUST CONTACT THE PA ONE CALL SYSTEM AT (800) 242-1776 AT THREE (3) BUT NO MORE THAN TEN (10) WORKING DAYS IN ADVANCE OF BEGINNING EXCAVATION OR DEMOLITION WORK.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF ANY UTILITIES IN THE IMMEDIATE VICINITY OF CONSTRUCTION SO AS TO PREVENT DAMAGE TO THEM. SHOULD ANY DAMAGE TO SUCH UTILITIES OCCUR THE CONTRACTOR SHALL BE REQUIRED TO REPAIR SUCH DAMAGE AT THEIR OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER.
- ALL COMPACTED FILL SHALL HAVE A DENSITY OF AT LEAST 92% OF MAXIMUM DRY DENSITY AS DETERMINED BY THE ASTM D-1557 MODIFIED PROCTOR TEST.
- ALL CONSTRUCTION PRACTICES SHALL BE IN ACCORDANCE WITH ALL CURRENT NFPA REGULATIONS AND NEC CODES.
- THE CONTRACTOR SHALL ADHERE TO ALL OSHA STANDARDS AS OUTLINED IN 29 CFR 1910 AND 1926 AT ALL TIMES THROUGH COMPLETION OF WORK TO BE PERFORMED (I.E., APPLICABLE PREVENTIVE MEASURES; CONSISTENT USE OF NECESSITATED AND APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT; ETC.).
- THE CONTRACTOR SHALL MAINTAIN THE WORK SITE AT ALL TIMES IN A MANNER THAT MINIMIZES THE DEPOSITION OF ANY CONSTRUCTION MATERIALS OR DEBRIS ONTO ADJACENT ROADWAYS AND/OR WALKWAYS. THE WORK SITE SHALL BE MONITORED AND CLEANED/SWEPT ON A CONTINUAL BASIS AS REQUIRED.
- AT POINTS OF CONNECTION, CONTRACTOR SHALL EXPOSE EXISTING UTILITY TO VERIFY LOCATION, GEOMETRY, AND MATERIAL REQUIREMENTS PRIOR TO ORDERING MATERIALS OR STARTING CONSTRUCTION OF ANY UTILITY CONNECTING THERETO.
- ALL EROSION AND SEDIMENTATION CONTROL FACILITIES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE PENNSYLVANIA EROSION AND SEDIMENTATION POLLUTION CONTROL MANUAL.
- THE CONTRACTOR SHALL PROTECT GOVERNMENT PERSONNEL FROM THE DUST GENERATED BY CONSTRUCTION INSIDE THE BUILDING. THE CONTRACTOR SHALL ERECT/ PLACE A CONTINUOUS DUST/ DEBRIS BARRIERS AS PER SPECIFICATION 01562. PLACE BARRIERS AS REQUIRED TO SEPARATE NEW AND EXISTING CONSTRUCTION. COORDINATE THE BARRIERS LOCATIONS WITH COR.
- THE CONTRACTOR SHALL USE APPLICABLE PREVENTIVE MEASURES FROM THE DUST/FUMES WHILE WORKING INSIDE THE BAY.

**SCOPE OF WORK**

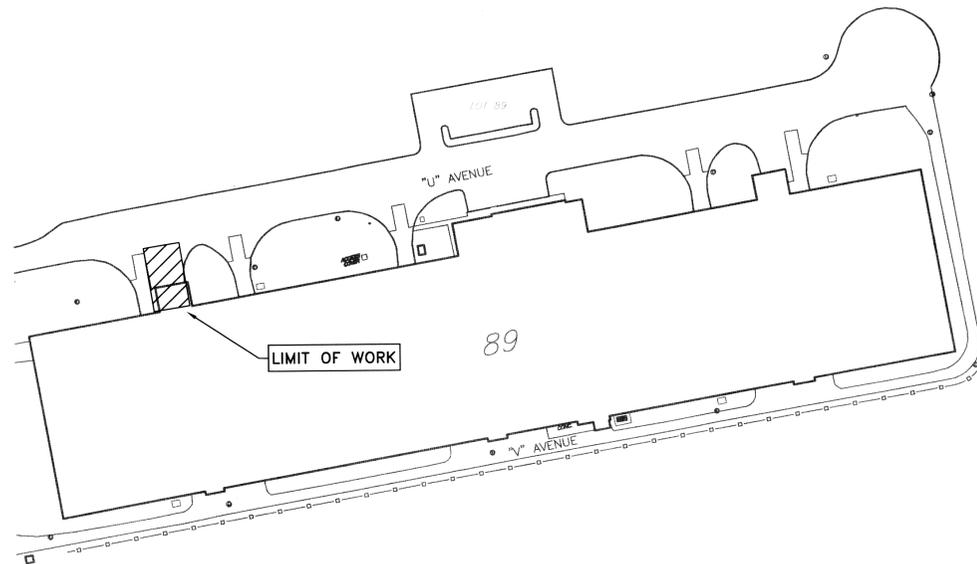
- REMOVE A PORTION OF THE CONCRETE DOCK, INSTALL NEW CONCRETE DOCK PIT, DOCK LEVELER, DOOR SEALS, DOCK BUMPERS @ DOORS 03 & 04 OF BUILDING 89, BAY 1. THE DOOR SEALS SHALL BE MANUFACTURED AND INSTALLED TO PROVIDE FULL WIDTH TRAILER ACCESS TO LOAD AND UNLOAD THE TRAILERS. THE DOOR SEAL HEAD ASSEMBLY AND DOOR SEALS SHALL PROVIDE A POSITIVE SEAL BETWEEN INTERNAL AND EXTERNAL ENVIRONMENTS DUE TO VARYING HEIGHTS OF THE TRAILERS TO MINIMIZE HEAT LOSS AND GAIN.
- LOWER TRUCK APPROACH @ DOOR ENTRANCES TO GET THE REQUIRED DOCK HEIGHT.
- REPLACE THE EXISTING BITUMINOUS PAVEMENT WITH CONCRETE PAVEMENT, APPLICABLE PAVEMENT JOINTS AND TRAFFIC ZONE LINE PAINT.
- PROVIDE ELECTRICAL WORK AS DETAILED IN THE PLAN.
- INSTALL NEW MODULAR TRENCH DRAIN FOR PROPER DRAINAGE @ CONCRETE PAVEMENTS FOR DOORS 03 & 04 OF BUILDING 89, BAY 1.
- PROVIDE PIPE BOLLARDS WITH BASE PLATE ON THE CONCRETE SLAB FOR THE SAFE GUARD OF THE HEAT TUNNEL ASSEMBLY INSIDE THE BAY.

REINFORCING STEEL LAP SPLICES AND EMBEDMENTS				
BAR SIZE	MIN. LAP SPlice LENGTH ( INCHES )		MIN. EMBEDMENT LENGTH ( INCHES )	
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
3	15	12	12	12
4	20	15	15	12
5	29	23	23	17

**NOTES:**

- TABLE BASED ON ACI 318-05 WITH  $f'_c = 4,000$  P.S.I. AND  $f_y = 60,000$  P.S.I.
- TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12 INCHES DEPTH OF CONCRETE CAST BELOW THE REINFORCEMENT.
- HORIZONTAL WALL REINFORCEMENT IS CONSIDERED A TOP BAR.

- CHAMFER EXPOSED CONCRETE EDGES 3/4 INCH X 3/4 INCH UNLESS NOTED OTHERWISE.
- NON-SHRINK NON-METALLIC GROUT SHALL CONSIST OF FACTORY PREMIXED MATERIAL CONTAINING NO CORROSIVE IRONS, ALUMINUMS, CHEMICALS OR GYPSUMS.  
ACCEPTABLE MANUFACTURERS:  
A. FIVE STAR PRODUCTS, INC., FIVE STAR GROUT  
B. SONNEBORN  
C. MASTER BUILDERS  
D. L & M CONSTRUCTION CHEMICALS  
E. OR EQUAL
- A BROOM FINISH SHALL BE APPLIED TO ALL EXTERIOR CONCRETE PAVEMENT.
- STRUCTURAL STEEL  
A. ANGLES, CHANNELS, AND PLATES SHALL CONFORM TO ASTM A36 UNLESS NOTED OTHERWISE.  
B. ALL WELD SIZES NOT DETAILED SHALL COMPLY WITH THE LATEST AWS D1-1, BUT IN NO CASE SHALL WELD BE LESS THAN 3/16".  
C. ALL STEEL FOR ANCHOR BOLTS SHALL CONFORM TO ASTM A307.  
D. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH AWS D1-1 USING E70XX ELECTRODES.
- ADDITIONALLY THE CONCRETE SHALL CONFORM TO ALL PROVISIONS OF THE LATEST EDITIONS OF THE FOLLOWING PUBLICATIONS:  
— ACI 305R "RECOMMENDED PRACTICE FOR HOT WEATHER CONCRETING"  
— ACI 306R "RECOMMENDED PRACTICE FOR COLD WEATHER CONCRETING"  
— ACI 347 "RECOMMENDED PRACTICE FOR CONCRETE FORMWORK"



**PARTIAL SITE PLAN**

SCALE: 1"=100'

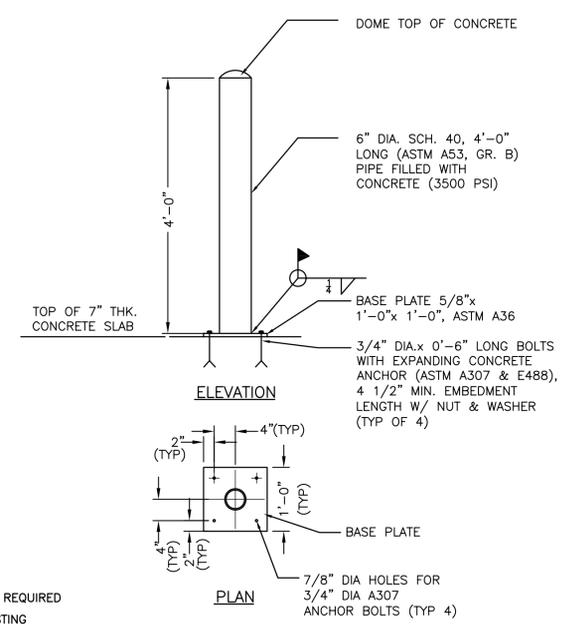
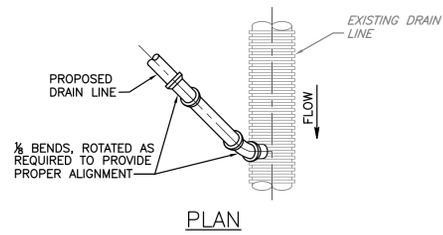
INDEX OF DRAWINGS			
SHEET NO.	DISCIPLINE	DESCRIPTION	DRAWING NO.
1	CIVIL	PARTIAL SITE PLAN, LOCATION PLAN & INDEX OF DRAWINGS	G-001
2	CIVIL	DEMOLITION & PROPOSED PLAN, ELEVATION AND SECTION	C-101
3	CIVIL	SITE PLAN - PROPOSED IMPROVEMENTS	C-102
4	CIVIL	SITE WORK DETAILS	C-501
5	CIVIL	DOCK PIT DETAILS	C-502
6	ELECTRICAL	ELECTRICAL PLAN, ELEVATIONS, NOTES AND DETAILS	E-101

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<p>APPROVED BY</p> <p><i>[Signature]</i> CONSTRUCTION REPRESENTATIVE</p> <p><i>[Signature]</i> SECURITY</p> <p><i>[Signature]</i> ENVIRONMENTAL</p> <p><i>[Signature]</i> SAFETY AND HEALTH</p> <p><i>[Signature]</i> FIRE PROTECTION</p> <p><i>[Signature]</i> COMMUNICATIONS</p> <p><i>[Signature]</i> INDUSTRIAL HYGIENIST</p> <p><i>[Signature]</i> USER</p> <p><i>[Signature]</i> FACILITY MAINTENANCE (MEO)</p> <p><i>[Signature]</i> CONT. GOVT. ACTIVITY (CGA)</p> <p><i>[Signature]</i> ROBERT MONTEAU FACILITIES ENGINEER</p>		
<p>DEFENSE LOGISTICS AGENCY DEFENSE DISTRIBUTION DEPOT SUSQUEHANNA, PENNSYLVANIA FACILITIES ENGINEERING DIVISION, ENGINEERING BRANCH NEW CUMBERLAND, PA 17070-5002</p> <p><b>INSTALL NEW DOCK LEVELERS &amp; ADJUST HEIGHTS @ DOORS 03 &amp; 04, BUILDING 89, BAY 1</b></p> <p><b>PARTIAL SITE PLAN, LOCATION PLAN &amp; INDEX OF DRAWINGS</b></p>		
DESIGNED BY: DAP	CHECKED BY: CIVIL ENGR. <i>[Signature]</i> ELEC. ENGR. <i>[Signature]</i> MECH. ENGR. <i>[Signature]</i> ARCHITECT <i>[Signature]</i> SUPR. ENGR. <i>[Signature]</i>	PROJECT NO. 3659 DRAWING NO. G-001 SHEET 1 OF 6 DATE FEB 2009
SCALE: AS SHOWN		





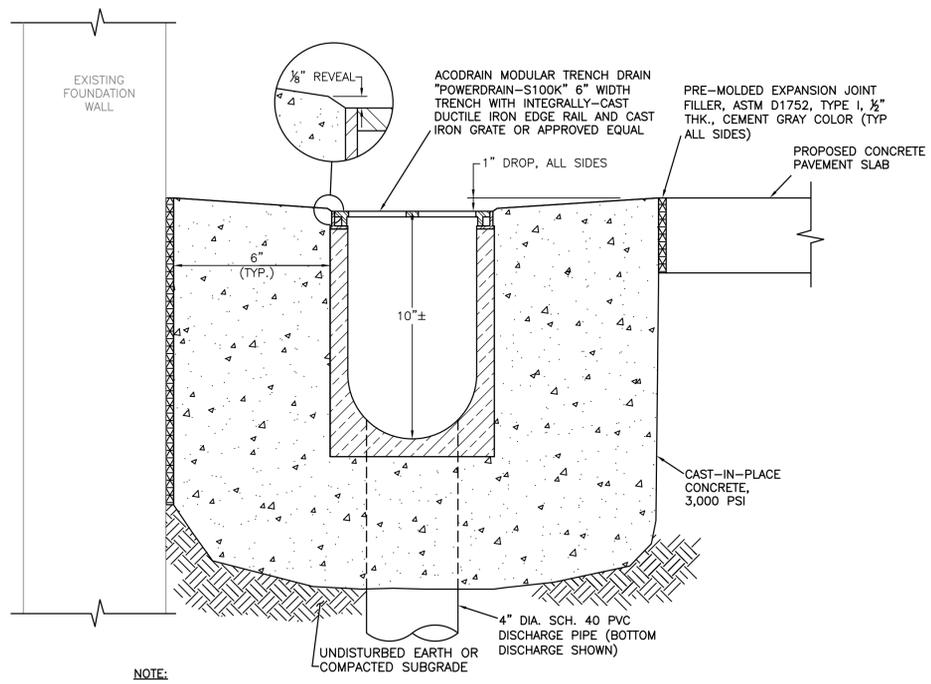


**PIPE BOLLARD DETAILS**  
NO SCALE

**PAINTING NOTES:**

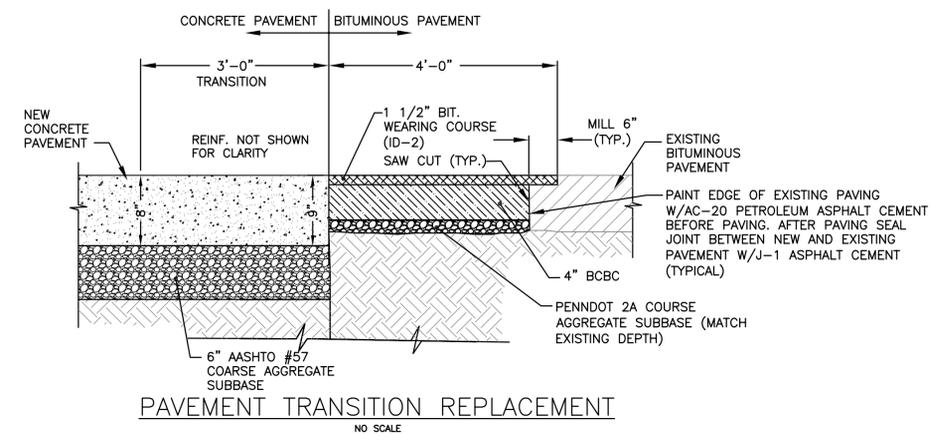
1. PIPE BOLLARD AND BASE PLATE SHALL RECEIVE ONE (1) COAT OF ALKYD ENAMEL PRIMER AND TWO (2) COATS OF ALKYD ENAMEL SAFETY YELLOW FINISH PAINT.
2. PAINT 4" WIDE ALTERNATING BLACK AND YELLOW STRIPES ON BOLLARD AFTER FINISH PAINT HAS COMPLETELY CURED.

**CONNECTION TO EXISTING STORM DRAIN LINE**  
NO SCALE

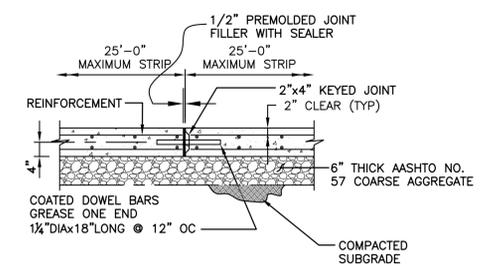


NOTE: SECTIONS OF MODULAR TRENCH (MFR'S MALE-TO-FEMALE JOINTS) SHALL BE JOINED USING A WATER RESISTANT FLEXIBLE SEALANT/ADHESIVE SUCH AS SIKAFLEX-1A OR APPROVED EQUAL.

**MODULAR TRENCH DRAIN SECTION**  
NOT TO SCALE

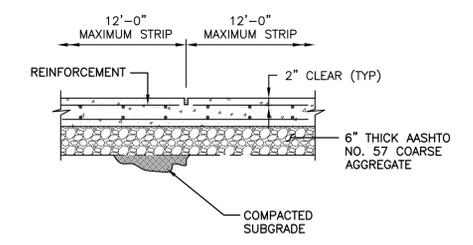


**PAVEMENT TRANSITION REPLACEMENT**  
NO SCALE



- NOTE:
1. STOP ALL REINFORCEMENT AT CONSTRUCTION JOINT.
  2. PROVIDE CONTINUOUS PRE-FORMED GALVANIZED METAL KEY & 1/2" THICK PREMOLDED JOINT FILLER WITH SEALER.
  3. ALL REINFORCEMENTS ARE #4 @ 12" O.C., TOP & BOTTOM.

**TYPICAL CONSTRUCTION JOINT IN SLAB ON GRADE**  
NOT TO SCALE

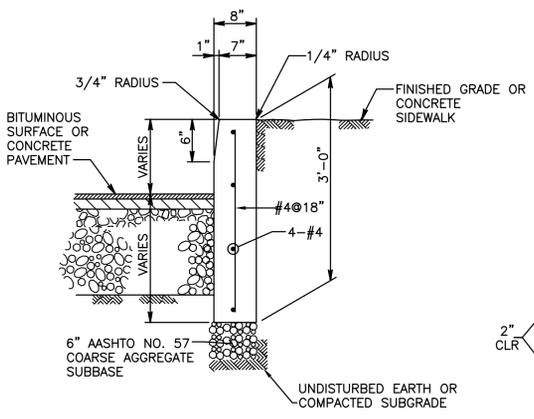


- NOTE:
1. STOP OR CUT ALL TOP REINFORCEMENT AT CONTROL JOINTS.
  2. STOP 100% SAW CUT SLAB TO 1/4TH SLAB DEPTH AND 1/4" WIDTH.
  3. SAW CUT JOINTS AS SOON AS PRACTICABLE WITHOUT DISLODGING AGGREGATE.
  4. PROVIDE SEMI-RIGID EPOXY JOINT FILLER AT SAW CUT JOINTS.
  5. ALL REINFORCEMENTS ARE #4 @ 12" O.C., TOP & BOTTOM.

**TYPICAL CONTROL JOINT IN SLAB ON GRADE**  
NOT TO SCALE

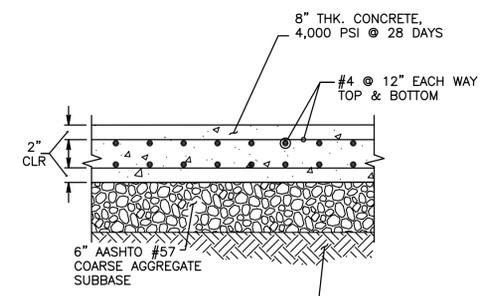
**JOINT SEALANT NOTES**

1. DEPTH AS RECOMMENDED BY MANUFACTURER, BUT NOT LESS THAN 3/4" INCH.
2. PREFORMED FILLER MAY BE FIBERBOARD OR OTHER APPROVED MATERIAL WHICH CAN BE SAWED OR SECTION REMOVED TO FORM SEALANT KERF. COMPRESSION SEAL MUST BE IN COMPRESSION AT ALL TIMES.
3. JOINT SEALANT TO BE A SINGLE COMPONENT POLYSULFIDE SEALANT ELASTOMERIC TYPE CONFORMING TO FED. SPEC. TT-S-230, TYPE IIA SUCH AS SIKAFLEX 1a, OR APPROVED EQUAL.
4. REFER TO PENNDOT STANDARD NO. RC-20M FOR JOINTS DETAILS.



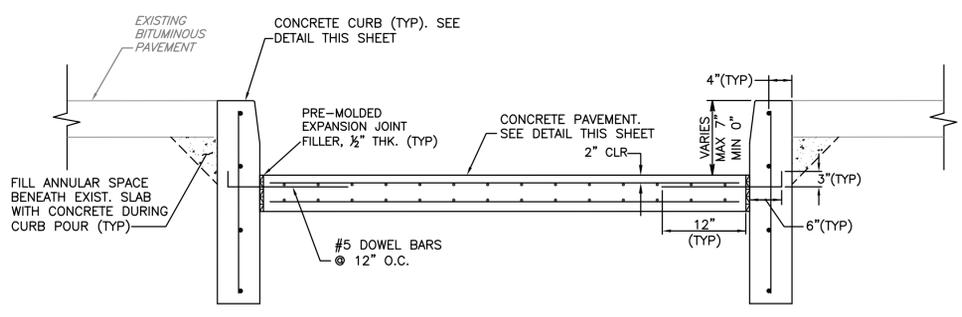
NOTE: CURB TO BE CONSTRUCTED WITH MINIMUM 3500 PSI AT 28 DAYS CONCRETE WITH CONTRACTION JOINTS SPACED AT 16'-0" MAXIMUM.

**CONCRETE CURB**  
NO SCALE



**TYPICAL CONCRETE SLAB / PAVEMENT ON GRADE**  
NOT TO SCALE

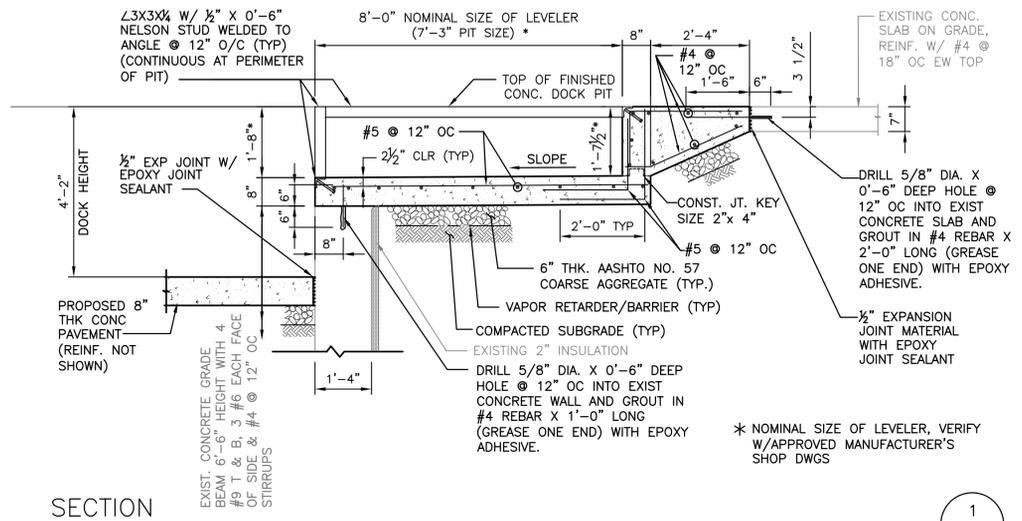
NOTE: CONCRETE SLAB THICKNESS VARIES WHERE SLAB ABUTS EXISTING BITUMINOUS PAVEMENT. SEE TRANSITION DETAIL THIS SHEET.



**STRUCTURAL CONNECTIONS BETWEEN CONCRETE PAVEMENT AND CURBS**  
NO SCALE

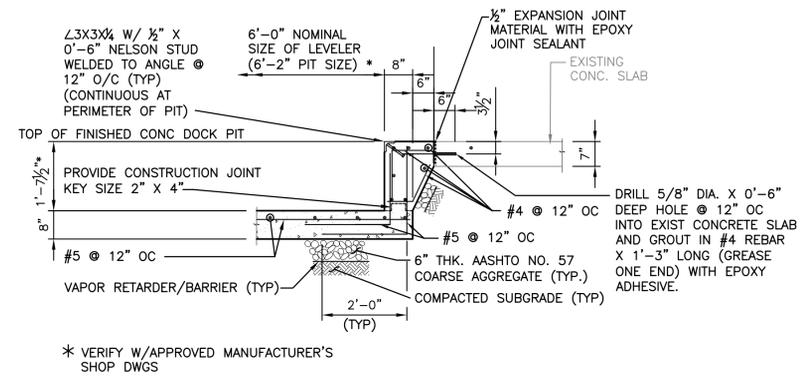
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DEFENSE LOGISTICS AGENCY DEFENSE DISTRIBUTION DEPOT SUSQUEHANNA, PENNSYLVANIA FACILITIES ENGINEERING DIVISION, ENGINEERING BRANCH NEW CUMBERLAND, PA 17070-5002		
INSTALL NEW DOCK LEVELERS & ADJUST HEIGHTS @ DOORS 03 & 04, BUILDING 89, BAY 1		
SITE WORK DETAILS		
DESIGNED BY: DAP	CHECKED BY:	PROJECT NO. 3659
DRAWN BY: ELG		DRAWING NO. C-501
SCALE: AS SHOWN		SHEET 4 OF 6
		DATE FEB 2009



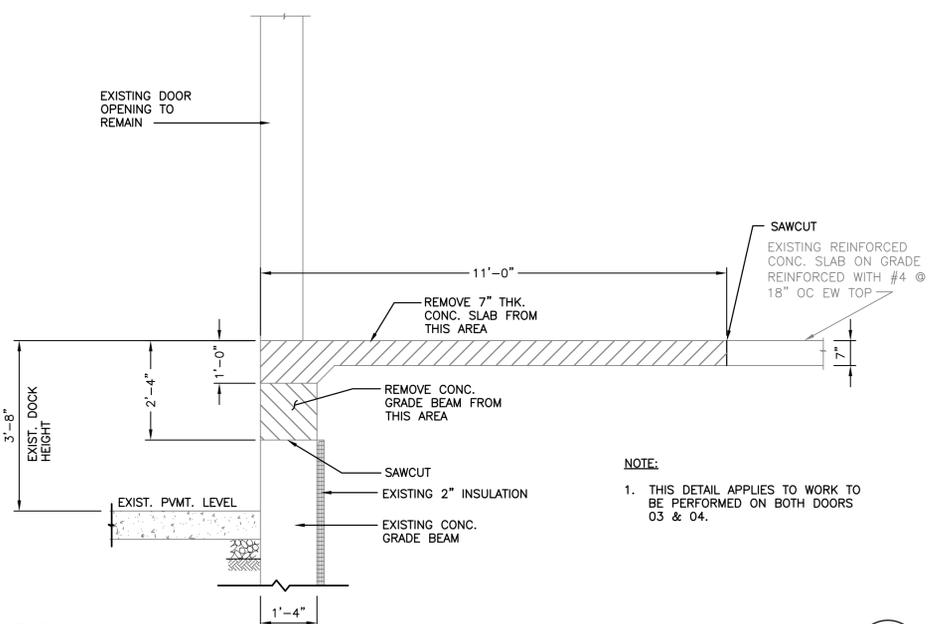
SECTION  
SCALE: 1/2" = 1'

1  
C-101 C-502



SECTION  
SCALE: 1/2" = 1'

2  
C-101 C-502

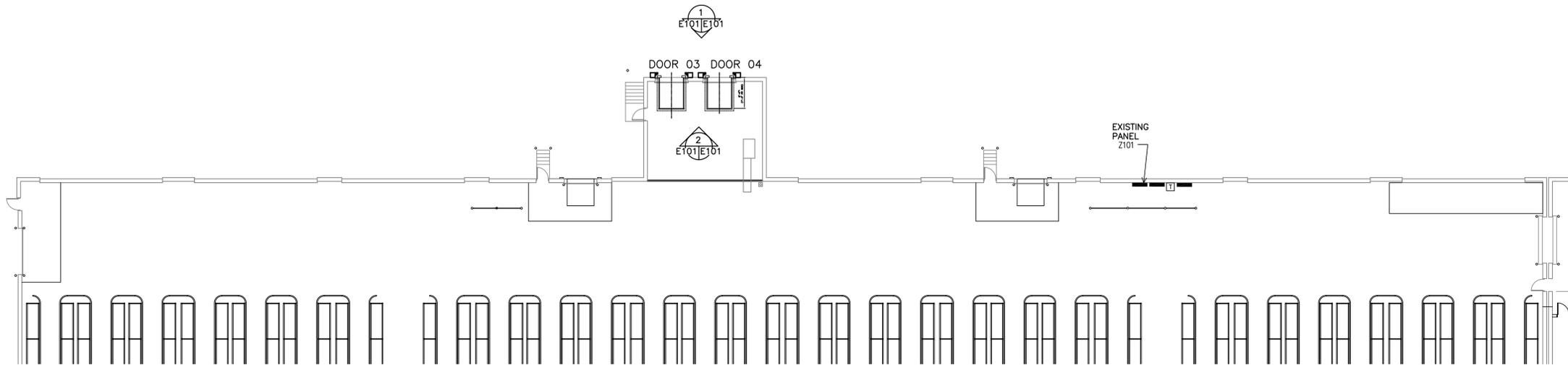


SECTION  
SCALE: 1/2" = 1' DEMOLITION DETAILS

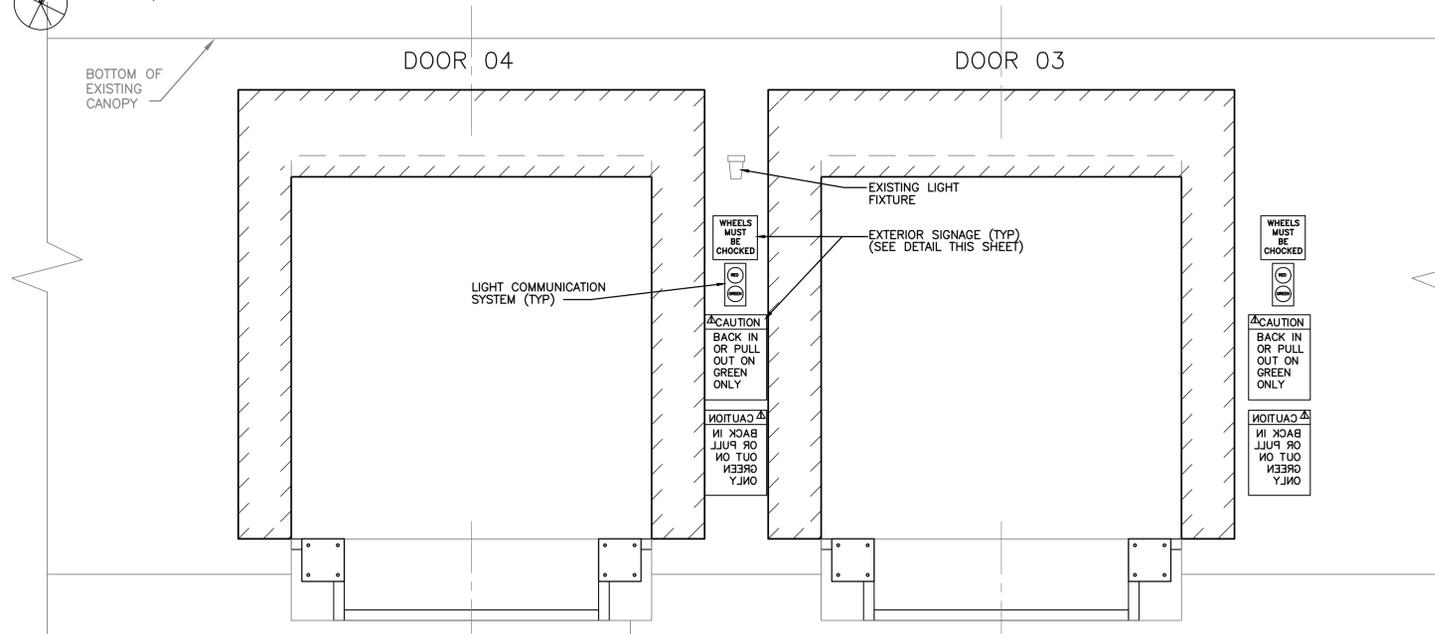
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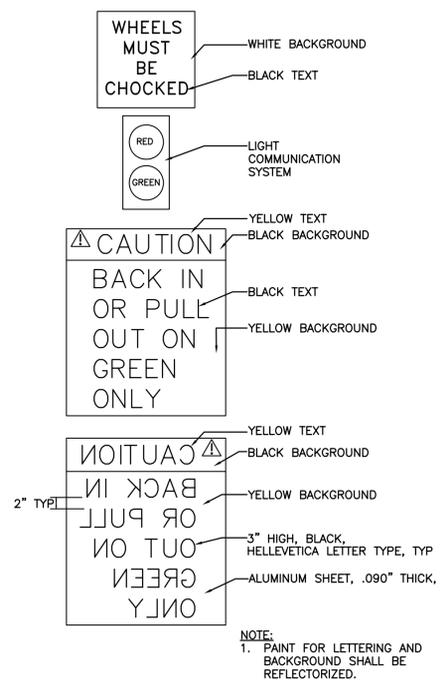
NO.		REVISIONS		DATE
APPROVED BY				
DEFENSE LOGISTICS AGENCY DEFENSE DISTRIBUTION DEPOT SUSQUEHANNA, PENNSYLVANIA FACILITIES ENGINEERING DIVISION, ENGINEERING BRANCH NEW CUMBERLAND, PA 17070-5002				
CONSTRUCTION REPRESENTATIVE	SECURITY	INSTALL NEW DOCK LEVELERS & ADJUST HEIGHTS @ DOORS 03 & 04, BUILDING 89, BAY 1		
ENVIRONMENTAL	SAFETY AND HEALTH			
FIRE PROTECTION	COMMUNICATIONS			
INDUSTRIAL HYGIENIST	USER			
FACILITY MAINTENANCE (MEG)	CONT. GOV'T. ACTIVITY (CGA)	DOCK PIT DETAILS		
DESIGNED BY: DAP	CHECKED BY:	CIVIL ENGR.	PROJECT NO. 3659 DRAWING NO. C-502 SHEET 5 OF 6 DATE FEB 2009	
DRAWN BY: ELG		ELEC. ENGR.		
SCALE: AS SHOWN		MEDICAL ENGR.		
		ARCHITECT		
ROBERT MONTEFOUR	FACILITIES ENGINEER	SUPR. ENGR.		



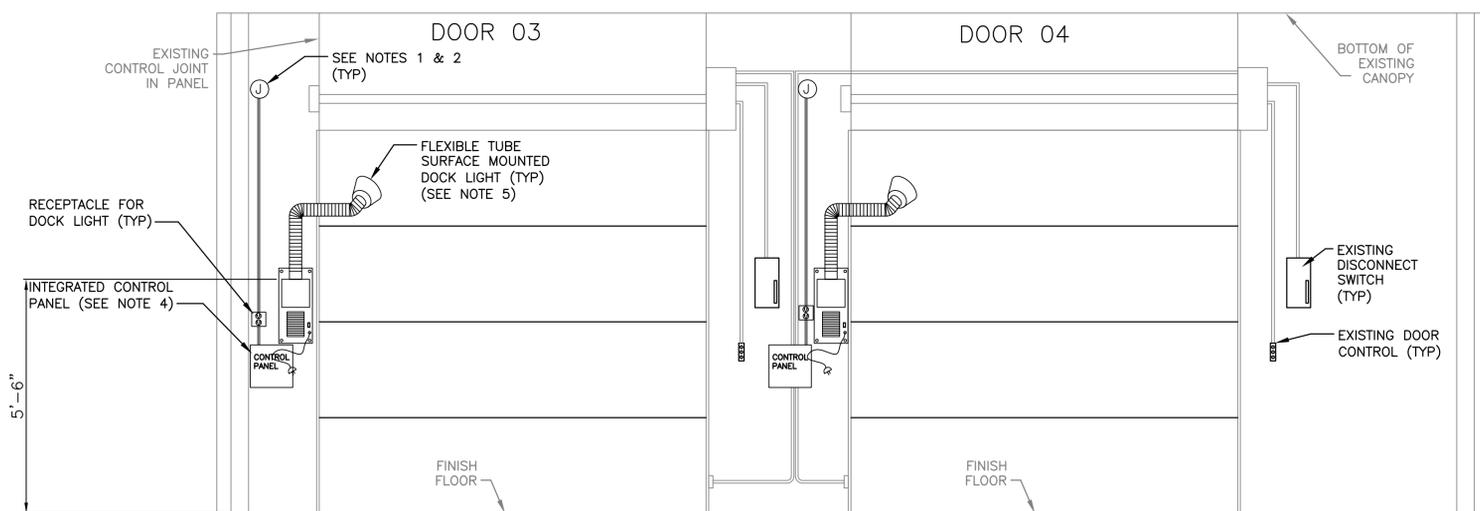
**PARTIAL ELECTRICAL PLAN BAY 1**  
SCALE: 1/16" = 1'-0"



**TYPICAL EXTERIOR DOCK DOOR ELEVATION**  
SCALE: 1/2" = 1'-0"



**TYPICAL SIGNAGE ON EXTERIOR WALL**  
SCALE: NONE



**TYPICAL INTERIOR DOCK DOOR ELEVATION**  
SCALE: 1/2" = 1'-0"

**ELECTRICAL NOTES**

- CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 208 VOLT, 3-PHASE, 30 AMP BRANCH CIRCUIT (4-#8 AWG THHN AND 1-#8 AWG THHN GRD IN 1 INCH EMT) FROM EXISTING PANEL Z101 FOR EACH INTEGRATED CONTROL PANEL TO SERVE DOCK LEVELERS AND LIGHT COMMUNICATION SYSTEM. PROVIDE AND INSTALL NEW 3-POLE, 30 AMP CIRCUIT BREAKERS FOR EACH CIRCUIT IN AVAILABLE SPACE IN EXISTING PANEL. CONTRACTOR SHALL VERIFY AND PROVIDE THE CORRECT OVERCURRENT PROTECTION/WIRING IN ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS FOR THE NEW INTEGRATED CONTROL PANEL AND ALL OF IT'S ASSOCIATED EQUIPMENT. EXISTING PANEL IS A SQUARE D PANEL, CATALOG NO. NQ00454L225CU.
- CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 120 VOLT, 1-PHASE, 20 AMP BRANCH CIRCUIT (2-#10 AWG THHN AND 1-#10 AWG THHN GRD) FROM EXISTING PANEL Z101 FOR THE DOCK LIGHTS/RECEPTACLES. UTILIZE EXISTING SPARE 1-POLE, 20 AMP CIRCUIT BREAKER.
- CONTRACTOR SHALL PROVIDE AND INSTALL A LIMIT SWITCH/INTERLOCK DEVICE FOR EACH DOCK LEVELER SO THAT THE DOCK LEVELER SHALL OPERATE ONLY WHEN THE OVERHEAD DOOR IS FULLY OPENED.
- CONTRACTOR SHALL PROVIDE AND INSTALL AN INTEGRATED CONTROL PANEL IN ACCORDANCE WITH SPECIFICATION SECTION 11161 AT THE LOCATIONS SHOWN.
- CONTRACTOR SHALL PROVIDE AND INSTALL NEW DOCK LIGHTS AT THE LOCATIONS SHOWN. NEW DOCK LIGHTS SHALL BE DL MANUFACTURING VERSA LIGHT MODEL 420XL OR APPROVED EQUAL.
- RECEPTACLES SHALL BE GFCI, NEMA 5-20R, DUPLEX TYPE.
- ALL WIRING SHALL BE IN CONDUIT. ALL EXTERIOR CONDUIT SHALL BE GALVANIZED RIGID STEEL. ALL INTERIOR CONDUIT SHALL BE ELECTRICAL METALLIC TUBING.
- LIGHT COMMUNICATION SYSTEM SHALL BE A MANUALLY OPERATED INSIDE AND OUTSIDE LIGHT PACKAGE WITH INSIDE AND OUTSIDE SIGNS AS SHOWN. ALL COMPONENTS UL LISTED. SYSTEM SHALL BE ADA COMPLIANT FOR "4.28.2 AUDIBLE ALARMS", "4.28.3 VISUAL ALARMS", AND "4.30 SIGNS". CLEARLY VISIBLE GREEN AND RED LIGHTS IN POLYPROPYLENE HOUSING. LIGHTS SHALL UTILIZE LED LAMPS. ELECTRICAL CHARACTERISTICS SHALL BE 120 VOLT, SINGLE PHASE, AND 60 HERTZ. OPERATION OF LIGHTS SHALL BE CONTROLLED BY PUSH BUTTON BY THE DOCK ATTENDANT. LIGHTS AND SIGNS (I. E. STRAIGHT AND MIRROR IMAGE) COMMUNICATE TO BOTH THE INSIDE AND OUTSIDE DOCK POSITIONS, TO PROVIDE INSTRUCTION TO DOCK WORKERS AS TO SAFE ENTRY INTO TRAILERS, AND TO TRAILER DRIVERS AS TO SAFE MOVEMENT TO OR AWAY FROM THE DOCK POSITION; INSIDE LIGHTS ARE IN THE OPPOSING MODE TO THE OUTSIDE LIGHTS. PROVIDE CAUTION SIGNS AS NEEDED TO SATISFY THE REQUIREMENTS OF THIS SPECIFICATION SECTION, AND AS SHOWN ON DRAWINGS. REFER TO SPECIFICATION SECTION 11161 FOR ADDITIONAL REQUIREMENTS.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, LATEST EDITION.
- PROVIDE AND INSTALL ALL THE NECESSARY WORK FOR A COMPLETE AND USABLE SYSTEM.
- COORDINATE LOCATIONS OF ALL EQUIPMENT WITH OTHER DRAWINGS AND WITH THE COR.

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NO.		REVISIONS		DATE
APPROVED BY		<b>DEFENSE LOGISTICS AGENCY</b> DEFENSE DISTRIBUTION DEPOT SUSQUEHANNA, PENNSYLVANIA FACILITIES ENGINEERING DIVISION, ENGINEERING BRANCH NEW CUMBERLAND, PA 17070-5002 <b>INSTALL NEW DOCK LEVELERS &amp; ADJUST HEIGHTS @ DOORS 03 &amp; 04, BUILDING 89, BAY 1</b> ELECTRICAL PLAN, ELEVATIONS, NOTES AND DETAILS		
CONSTRUCTION REPRESENTATIVE	SECURITY			
ENVIRONMENTAL	SAFETY AND HEALTH			
FIRE PROTECTION	COMMUNICATIONS			
INDUSTRIAL HYGIENIST	USER	DESIGNED BY:	CHECKED BY:	PROJECT NO.
FACILITY MAINTENANCE (MEG)	CONT. GOV'T. ACTIVITY (CGA)	MS		3659
		DRAWN BY:		DRAWING NO.
		ELG		E-101
		SCALE:		SHEET
		AS SHOWN		6 OF 6
				DATE
				FEB 2009