

**GENERAL NOTES:**

1. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
2. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS DEMOLISHED. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING DEMOLITION. TEMPORARY BRACING, GUYS, OR TIEDOWNS, SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
3. SECTIONS AND DETAILS SHOWN ON ANY STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS.
4. ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

**DEMOLITION NOTES**

1. COMPLY WITH GOVERNING EPA REGULATIONS BEFORE BEGINNING SELECTIVE DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
2. MAINTAIN ACCESS TO EXISTING WALKWAYS, CORRIDORS, OR OTHER FACILITIES WITHOUT WRITTEN PERMISSION FROM OWNER AND/OR AUTHORITIES HAVING JURISDICTION.
3. IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY ARCHITECT AND OWNER.
4. EXISTING UTILITIES; MAINTAIN SERVICES INDICATED TO REMAIN (SEE ARCHITECTURAL, SITE, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS) AND PROTECT THEM FROM DAMAGE DURING OPERATIONS.
5. PROVIDE OR CONSTRUCT TEMPORARY BARRICADES AND/OR ENCLOSURES TO PREVENT INJURY TO PEOPLE AND DAMAGE TO AREAS OF THE BUILDING FACILITIES WHICH ARE TO REMAIN.
6. DO NOT STORE MATERIALS (DEBRIS OR NEW STOCKPILES) ON ELEVATED PORTIONS OF BUILDING WITHOUT PERMISSION FROM ARCHITECT/ENGINEER.

**STRUCTURAL STEEL NOTES:**

1. STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC STEEL CONSTRUCTION MANUAL AND THE AISC DESIGN GUIDE FOR CONNECTIONS TO CONCRETE.
2. STRUCTURAL STEEL WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A572, GRADE 50 OR ASTM A992 STEEL FOR PLATES, ANGLES, AND CHANNELS SHALL CONFORM TO ASTM A36. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500 GRADE B.
3. FIELD CONNECTIONS SHALL BE BOLTED USING 3/4" DIAMETER A325N BOLTS EXCEPT WHERE FIELD WELDING IS INDICATED ON THE DRAWINGS.
4. ALL WELDING SHALL CONFORM TO AWS D1.1-LATEST EDITION. ELECTRODES SHALL BE E7018.
5. STEEL FRAMING MEMBERS AND COMPONENTS THAT REQUIRE PREERECTING SHALL BE PREERECTED AND WELDED IN PLACE. ALL REMAINING INTERIOR STEEL SHALL BE PAINTED IN ACCORDANCE WITH THE SPECIFICATIONS.
6. STRUCTURAL STEEL FRAMING EXPOSED TO WEATHER SHALL BE GALVANIZED UNLESS OTHERWISE NOTED.
7. SHOP DRAWINGS, DETAILS, FABRICATION AND ERECTION OF EACH METAL FABRICATION INDICATED SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW PRIOR TO FABRICATION AND CONSTRUCTION.

**CONCRETE NOTES:**

1. ALL CONCRETE WORK SHALL CONFORM TO ACI 318-99.
2. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE: 4000 PSI FOR ALL FLOOR SLABS AND FOUNDATIONS (SEE NOTE 10).
3. ALL EXTERIOR CONCRETE SHALL BE AIR ENTRAINED.
4. CONCRETE SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND.
5. REINFORCING BARS SHALL CONFORM TO ASTM A-615 GRADE 60 DEFORMED WITH ACI 318-LATEST EDITION.
6. SPLICES OF REINFORCING BARS SHALL BE IN ACCORDANCE WITH ACI 318-99, UNLESS OTHERWISE NOTED ON DRAWINGS.
7. ALL SLABS-ON-GRADE SHALL BE FIBER REINFORCED. FIBER MANUFACTURER AND RATE OF APPLICATION SHALL BE APPROVED PRIOR TO PLACEMENT OF CONCRETE.
8. ANCHOR BOLTS SHALL CONFORM TO ASTM A307 UNLESS OTHERWISE NOTED ON DRAWINGS.
9. COMPLETE SHOP DRAWINGS OF ALL REINFORCING STEEL SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO COMMENCEMENT OF THAT PORTION OF THE WORK.
10. MINIMUM CONCRETE WATER/CEMENT RATIO (LBS/LBS) IS TO BE 0.44 (NON AIR-ENTRAINED). MAXIMUM SLUMP IS TO BE 4" (6" WITH ADDITION OF HIGH-RANGE WATER REDUCER). COMPLY WITH ACI REQUIREMENTS FOR PLACEMENT AND QUALITY CONTROL.

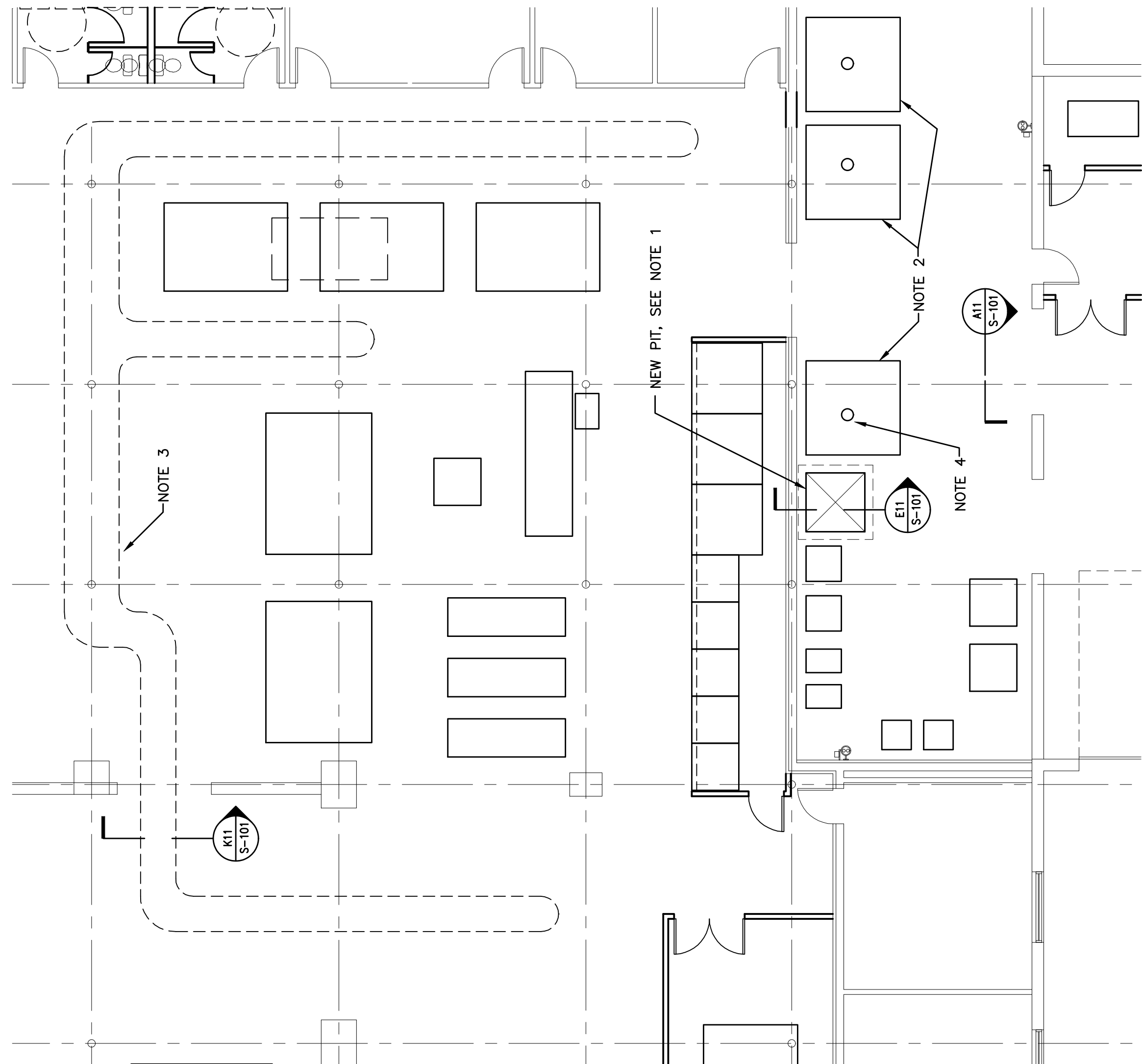
**SPLICE LENGTHS (Ld):**

WHERE LAP SPLICE LENGTHS FOR REINFORCING STEEL ARE NOT SPECIFIED, PROVIDE SPLICE LENGTHS IN ACCORDANCE WITH THE FOLLOWING TABLE:

BAR SIZE	SPLICE LENGTH, f'c 3000 PSI	SPLICE LENGTH, f'c 4000 PSI
#3	17"	16"
#4	22"	19"
#5	28"	24"
#6	35"	29"
#7	48"	42"
#8	55"	48"
#9	62"	54"
#10	70"	61"

WHERE DETAILS INDICATE 1.3 Ld IS TO BE USED, MULTIPLY ABOVE LENGTHS BY 1.3.

**GENERAL NOTES**



**A1 PART PLAN**

1/8"=1'-0"

**A5**

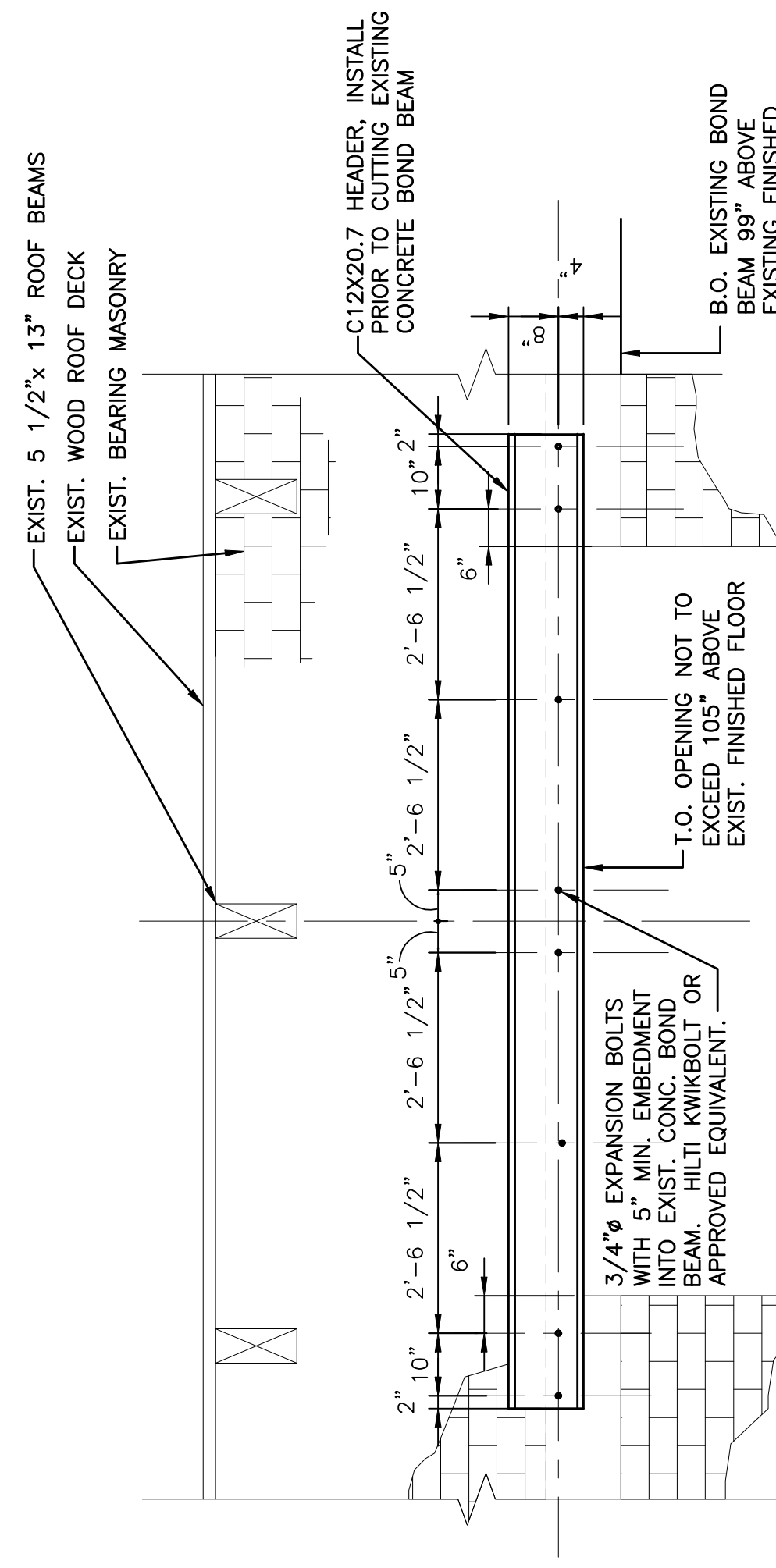
N.T.S.

**A5 DRAWING NOTES**

1. DO NOT CUT/REMOVE EXISTING SLAB REINFORCEMENT UNTIL INSPECTED AND VERIFIED BY STRUCTURAL ENGINEER.
2. ADEQUACY OF EXISTING SLAB TO BE VERIFIED BY STRUCTURAL ENGINEER AFTER INSPECTION OF EXISTING REINFORCEMENT. SUPPORT AND ATTACHMENT OF EQUIPMENT TO BE VERIFIED PRIOR TO EQUIPMENT INSTALLATION.
3. EXISTING ROOF STRUCTURE IS NOT SUFFICIENT TO SUPPORT LOADING BY TROLLEY RAILS. NEW STRUCTURAL MEMBERS AND REINFORCEMENT OF EXISTING MEMBERS WILL BE PROVIDED.
4. HOLES FOR DRAIN PIPES NOT TO EXCEED 12"Ø. DO NOT CUT EXISTING REINFORCING TO MAKE HOLE.

**E11 SECTION - LAUNDRY PIT**

3/4"=1'-0"



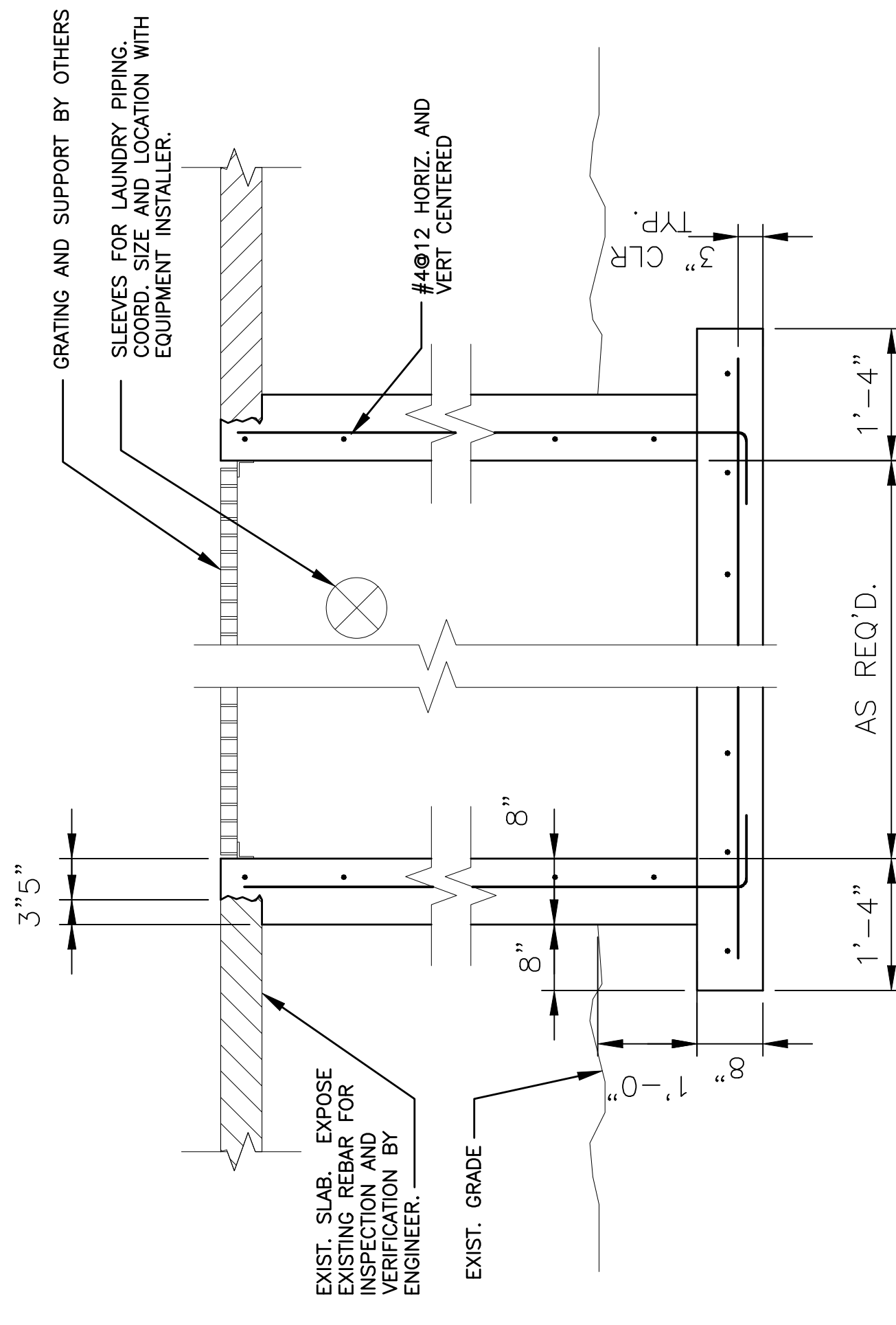
**A11**

1/2"=1'-0"

**A11 DETAIL - C12 HEADER AT LOADING DOCK DOOR**

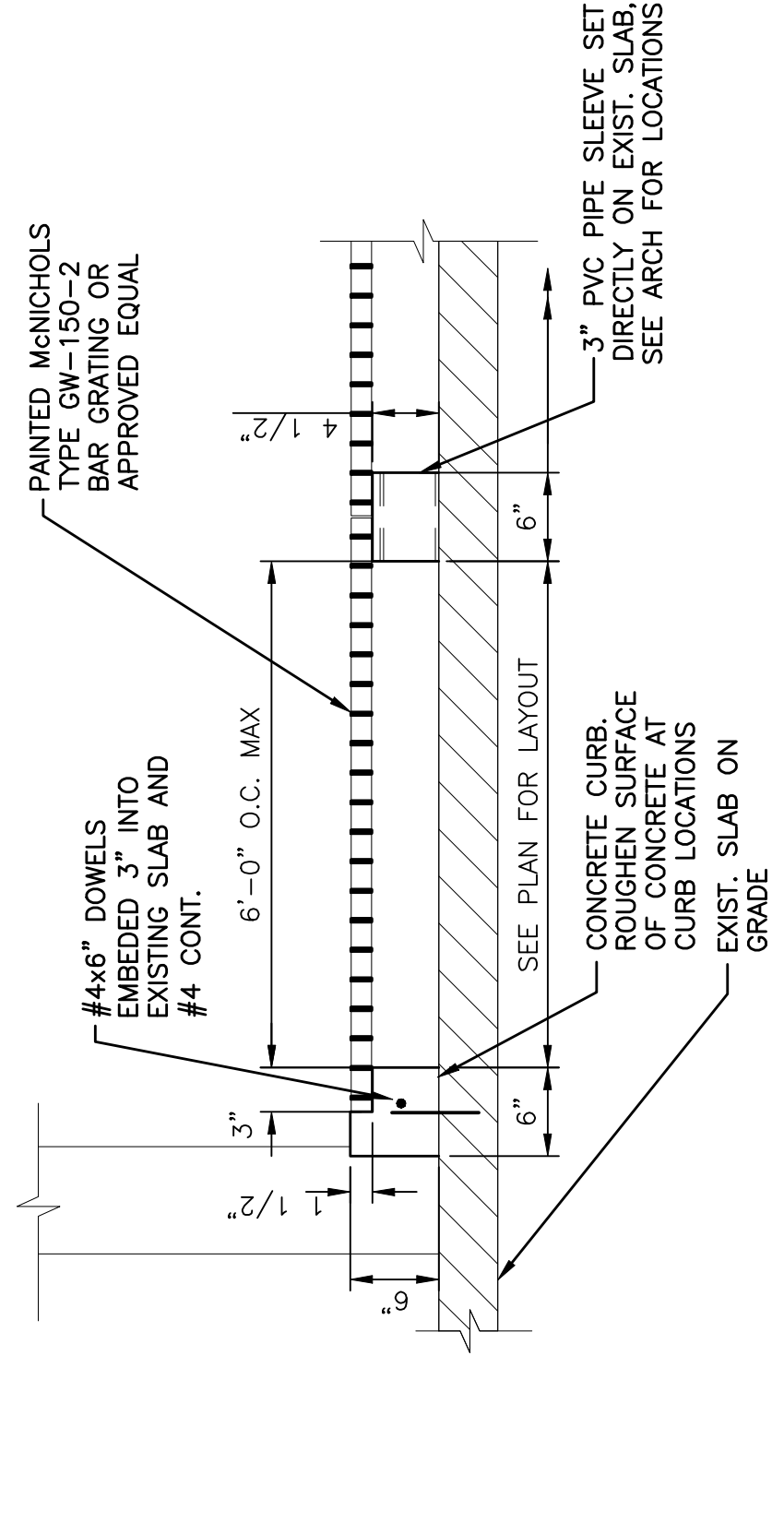
**K11 DETAIL - OPNG FOR BAG TROLLEY SYSTEM**

3/4"=1'-0"



**M11 DETAIL - CURB AND GRATING AT CHEMICAL STORAGE**

1"=1'-0"



REV.	ISSUED FOR CONSTRUCTION	DESCRIPTION	DATE
0			8-17-04

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CURRENT ISSUE STATUS:

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PROJECT: ADVANTAGE LINEN SERVICE  
PORTLAND, MAINE

STRUCTURAL SECTIONS AND DETAILS

SHEET TITLE:	AS NOTED	DATE:	8/17/2004
SCALE:	AS NOTED	PROJECT MANAGER:	JLH
JOB CAP/DRAWN:	ADB	A/E OF RECORD:	ADB
SHEET C/D FILE:	ADB	SHEET NO.:	S-101
PROJECT NO.:	04127	GRAPHIC SCALE:	0"