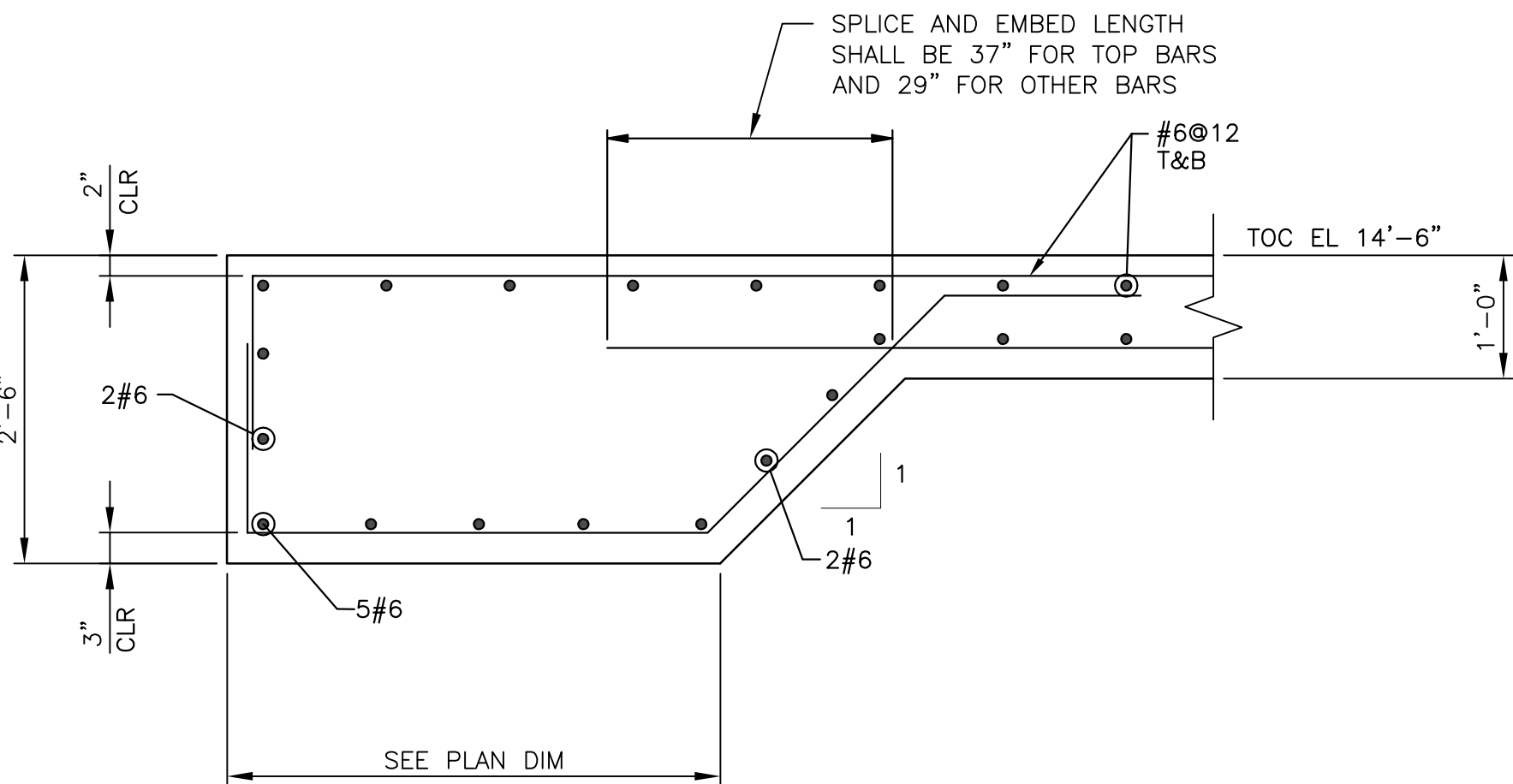
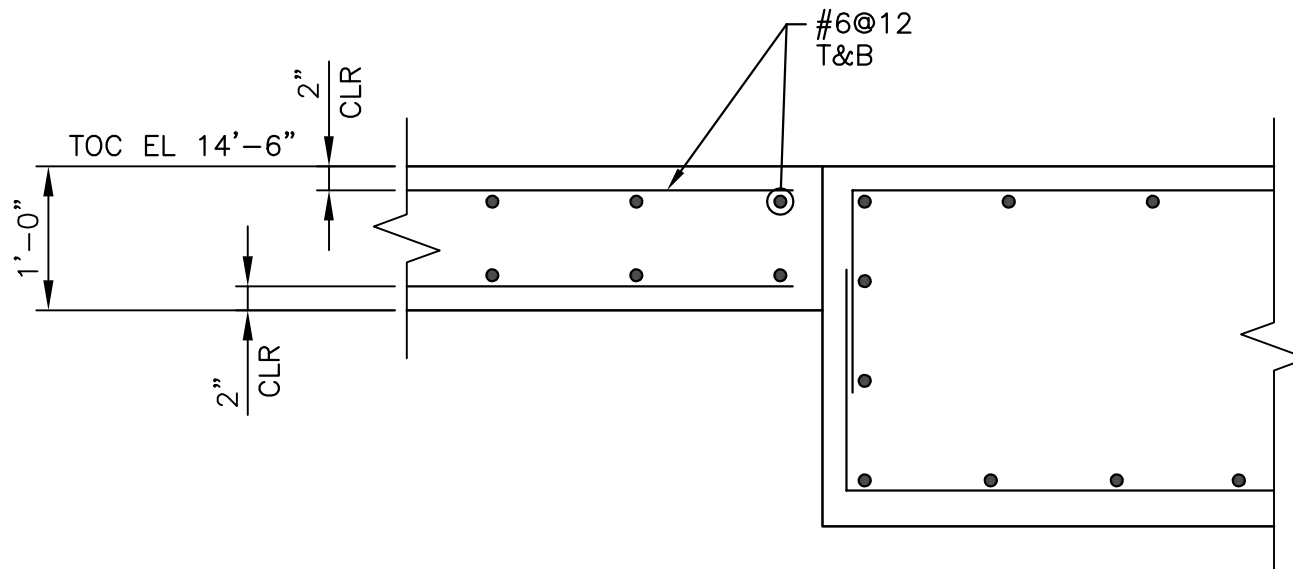


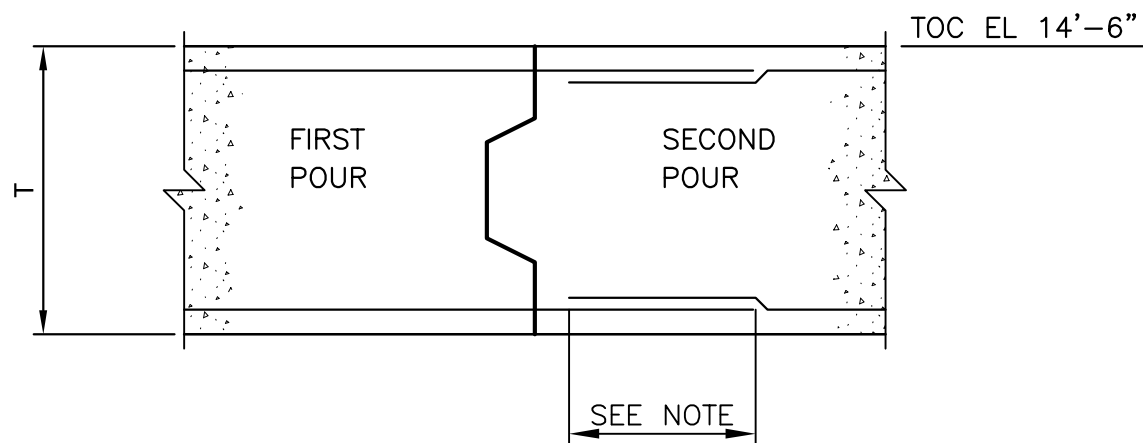
PLAN
SCALE: 1/4"=1'-0"



SECTION 1
SCALE: 3/4"=1'-0"
THIS DWG



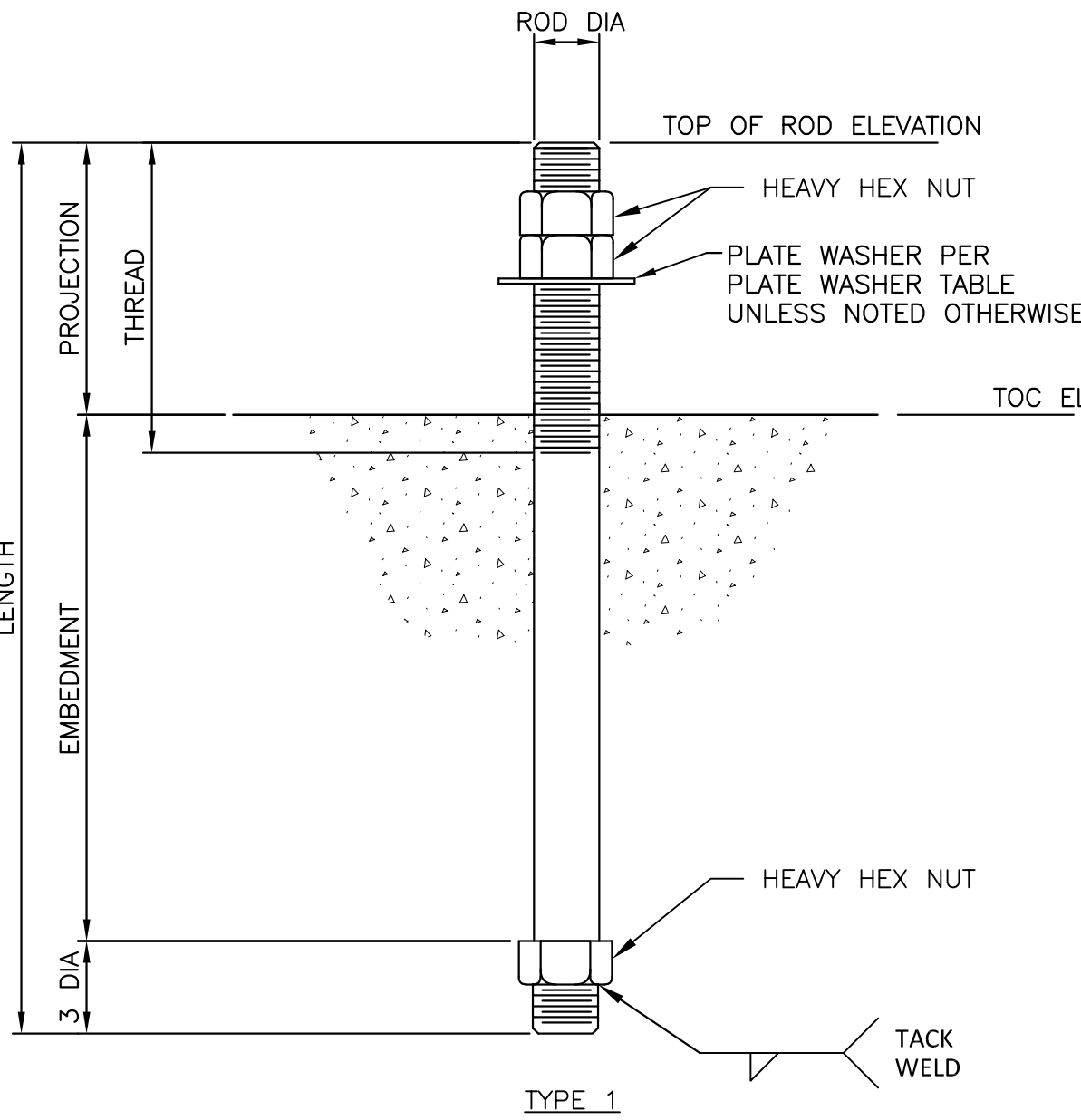
SECTION 2
SCALE: 3/4"=1'-0"
THIS DWG



NOTE:
SPlice LENGTH OF BAR, IF DIFFERENT SIZE BARS
ARE USED, CLASS "B" SPlice LENGTH OF SMALLER
BAR OR EMBEDMENT LENGTH FOR LARGER BAR
WHICHEVER IS GREATER

TYPICAL KEYED SLAB CONSTRUCTION JOINT - CJ
NTS

ANCHOR ROD LIST														
ROJ (CH)	THREAD (INCH)	EMBED (INCH)	OVERALL LENGTH (INCH)	PLATE (INCH)		SLEEVE		MATERIAL TYPE	PL WASHER REQ'D (Y/N)	REMARKS				
				T x W x L	DIA	LENGTH								
1/2	5 1/2	16	23 1/2	-	-	-	-	F1554 GR-36	N	-				
1/2	5 1/2	12	18 3/4	-	-	-	-	F1554 GR-36	N	-				



ANCHOR ROD DETAIL
NTS

CONCRETE GENERAL NOTES

- MINIMUM IN-PLACE DENSITY OF SUBGRADE SOILS SUPPORTING STRUCTURES SHALL BE 95 PERCENT OF MAXIMUM DENSITY PER ASTM D 698. IF SOFT AND/OR LOOSE MATERIAL IS ENCOUNTERED AT FOOTING SUBGRADE, THE MATERIAL SHALL BE OVEREXCAVATED AND BACKFILLED WITH SELECT GRANULAR MATERIAL AND COMPACTED TO NOT LESS THAN 95% RELATIVE COMPACTION. BACKFILL MATERIAL SHALL BE PLACED IN LEVEL LIFTS NOT EXCEEDING 8 INCHES IN LOOSE THICKNESS. FOUNDATION EXCAVATIONS SHALL BE PROPERLY BACKFILLED AGAINST THE FOUNDATIONS IMMEDIATELY AFTER FORM REMOVAL. DRAINAGE SWALES SHALL BE PROVIDED TO DIRECT SURFACE RUNOFF AWAY FROM FOUNDATIONS.
- CONCRETE CONSTRUCTION SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301-10 EXCEPT AS MODIFIED BELOW. CONTRACTOR SHALL KEEP AT LEAST ONE COPY OF ACI SP-15 IN THE FIELD OFFICE AT ALL TIMES.
- CONCRETE 28 DAY DESIGN COMPRESSIVE STRENGTH SHALL BE 4000 PSI UNLESS NOTED OTHERWISE. CEMENT TYPE SHALL BE TYPE I/II. MAXIMUM WATER/CEMENTITIOUS MATERIALS RATIO SHALL BE 0.5. CONCRETE 28 DAY DESIGN COMPRESSIVE STRENGTH FOR LEAN WORK SLABS SHALL BE 2000 PSI WITH A MAXIMUM WATER/CEMENTITIOUS MATERIALS RATIO OF 0.75.
- ALL CONCRETE SHALL INCLUDE A WATER-REDUCING ADMIXTURE COMPLYING WITH ASTM C 494, TYPE A. CONCRETE THAT IS TO BE PUMPED MAY INCLUDE A HIGH-RANGE WATER-REDUCING ADMIXTURE COMPLYING WITH ASTM C 494, TYPE F OR G. AIR ENTRAINING ADMIXTURE COMPLYING WITH ASTM C 260 SHALL BE PROVIDED BASED ON EXPOSURE CLASS F1 PER TABLE 4.2.2.7.b OF ACI 301. THE USE OF CALCIUM CHLORIDE IS PROHIBITED. FLY ASH CONFORMING TO ASTM C 618 CLASS F, WITH LOSS ON IGNITION LIMITED TO 4 PERCENT, MAY BE USED UP TO 20% BY WEIGHT OF CEMENTITIOUS MATERIAL.
- MAXIMUM SIZE OF AGGREGATE SHALL BE 1 INCH.
- MAXIMUM WATER SOLUBLE CHLORIDE ION CONTENT IN CONCRETE AS REQUIRED BY ACI 301 TABLE 4.2.2.7.d SHALL BE BASED ON EXPOSURE CLASS C1.
- SUBMIT CONCRETE MIX DESIGN TO THE OWNER'S REPRESENTATIVE AT LEAST 2 WEEKS PRIOR TO START OF CONSTRUCTION.
- STEEL REINFORCEMENT SHALL CONFORM TO ASTM A 615 GRADE 60 OR ASTM A 706 DEFORMED BARS.
- INDICATED REINFORCEMENT SPACINGS ARE NOMINAL. BAR SPACING MAY BE ADJUSTED, BARS MAY BE FIELD CUT, AND/OR BAR MAY BE TERMINATED WITH A STANDARD HOOK AS REQUIRED TO AVOID INTERFERENCE WITH EMBEDMENTS OR BOXOUTS. HOWEVER, EXTRA BARS SHALL BE ADDED TO MAINTAIN BAR QUANTITIES SHOWN ON THE DRAWINGS. EXTRA BARS SHALL BE EXTENDED THE CLASS B SPlice LENGTH BEYOND THE BOXOUT OR EMBEDMENT.
- REINFORCING BARS SHALL BE EQUALLY SPACED WHERE NO SPECIFIC SPACING IS INDICATED.
- WELDING OF REINFORCING STEEL SHOWN ON THE DESIGN DRAWINGS IS PROHIBITED.
- MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE IN ACCORDANCE WITH TABLE 3.3.2.3 OF ACI 301 UNLESS A GREATER AMOUNT IS INDICATED ON THE DRAWINGS.
- FIELD BENDING OR STRAIGHTENING OF REINFORCING STEEL PARTIALLY EMBEDDED IN HARDENED CONCRETE IS PERMITTED AND SHALL BE DONE IN ACCORDANCE WITH PARAGRAPH 3.3.2.8 OF ACI 301.
- PROVIDE THE FOLLOWING REPAIR FOR REINFORCING THAT IS CUT AND LEFT EXPOSED ON THE CONCRETE SURFACE. CHIP CONCRETE AROUND END OF REINFORCING BAR 1" DEEP. CUT OFF END OF REINFORCING BAR AND REPAIR CONCRETE TO A SMOOTH SURFACE WITH CEMENTITIOUS NON-SHRINK GROUT.

NOTES

NOT TO BE USED
FOR CONSTRUCTION

THE DISTRIBUTION AND USE OF THE NATIVE FORMAT CAD
FILE OF THIS DRAWING IS UNCONTROLLED. THE USER
SHALL VERIFY TRACEABILITY OF THIS DRAWING TO THE
LATEST CONTROLLED VERSION.

JEA - NGS
MATERIAL HANDLING BLDG REPLACEMENT
FOUNDATIONS
PLAN, SECTIONS & DETAILS

PROJECT
DRAWING NUMBER
420333-CBSA-S5000

CODE
AREA

REV
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