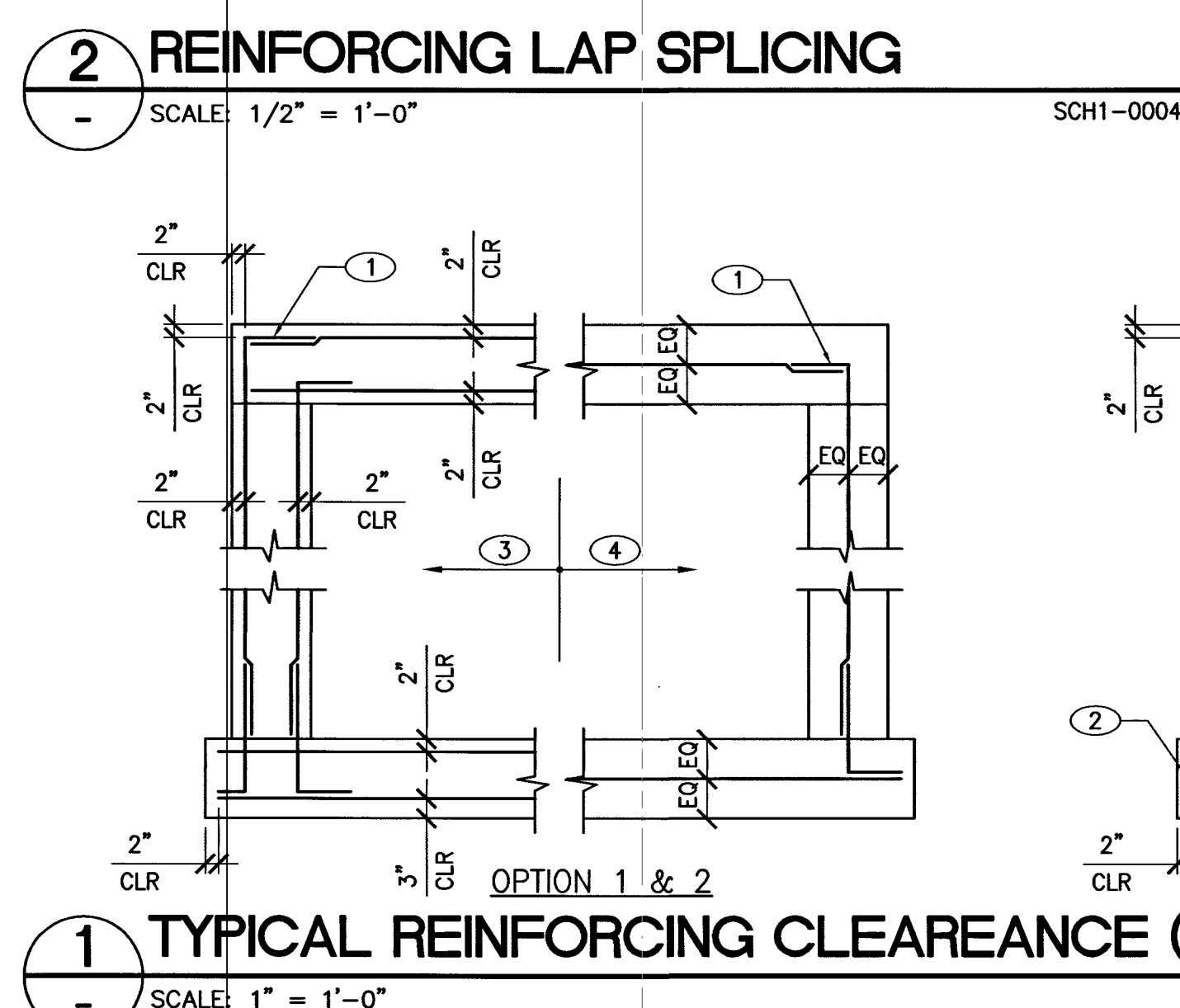
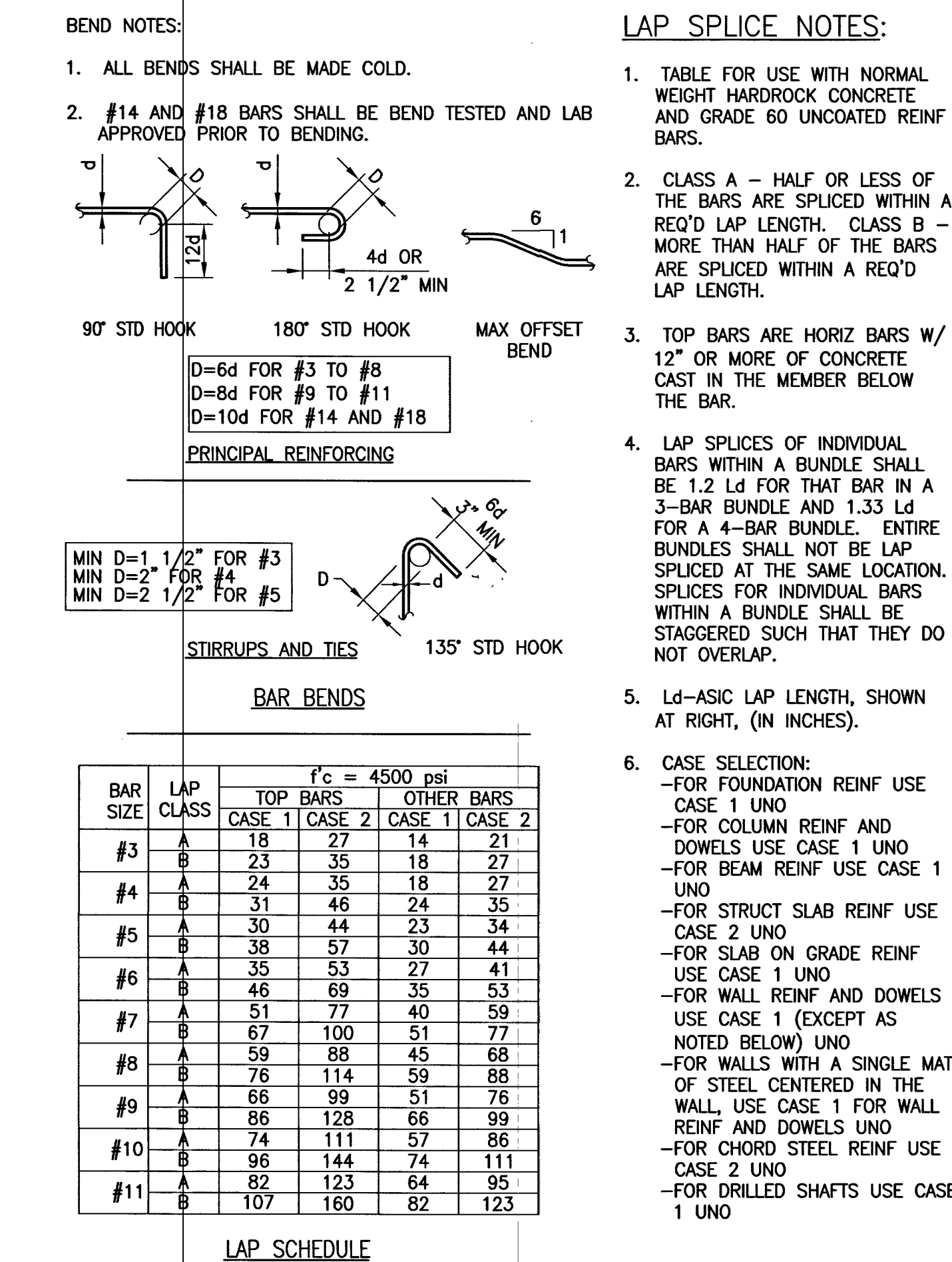
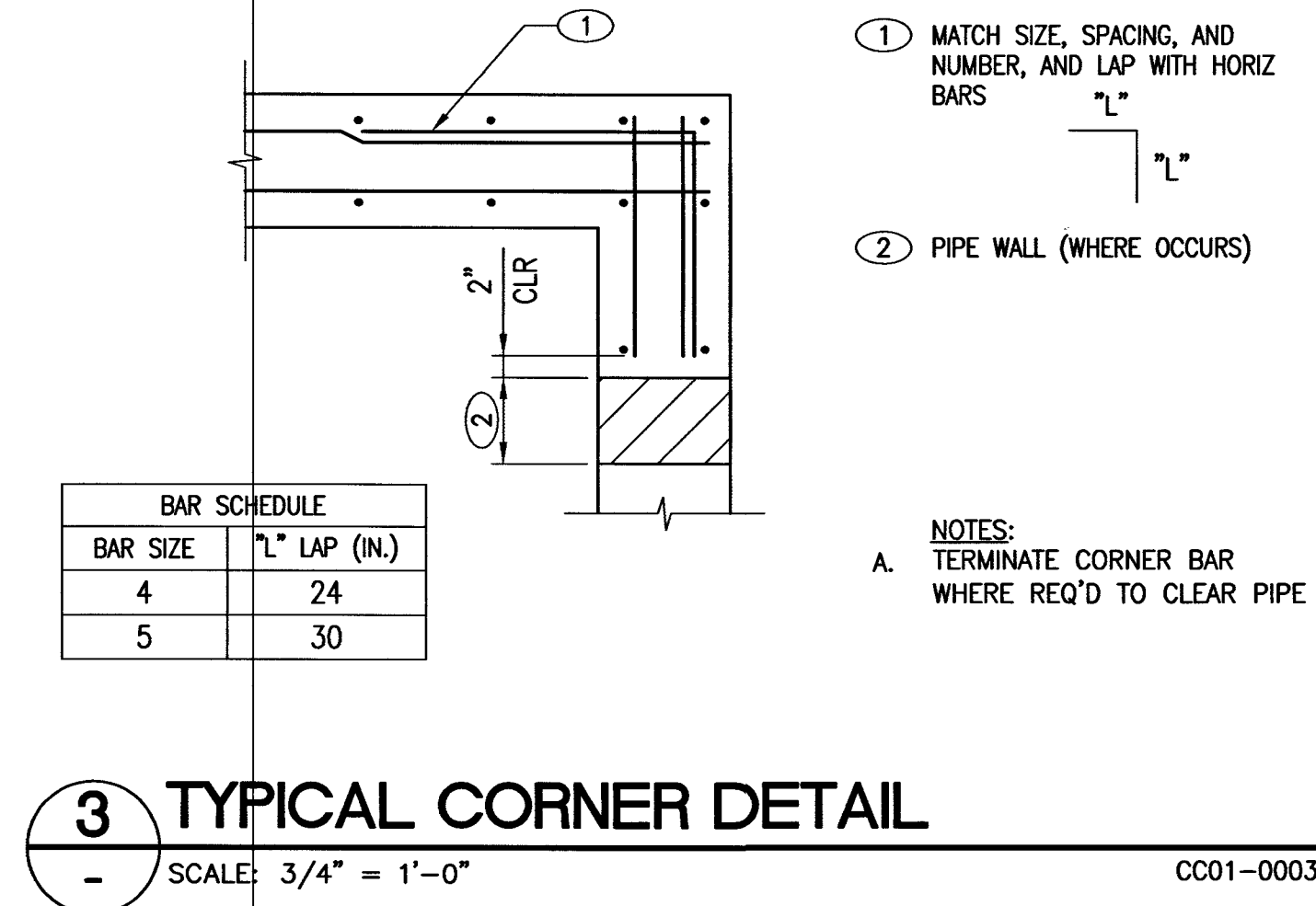
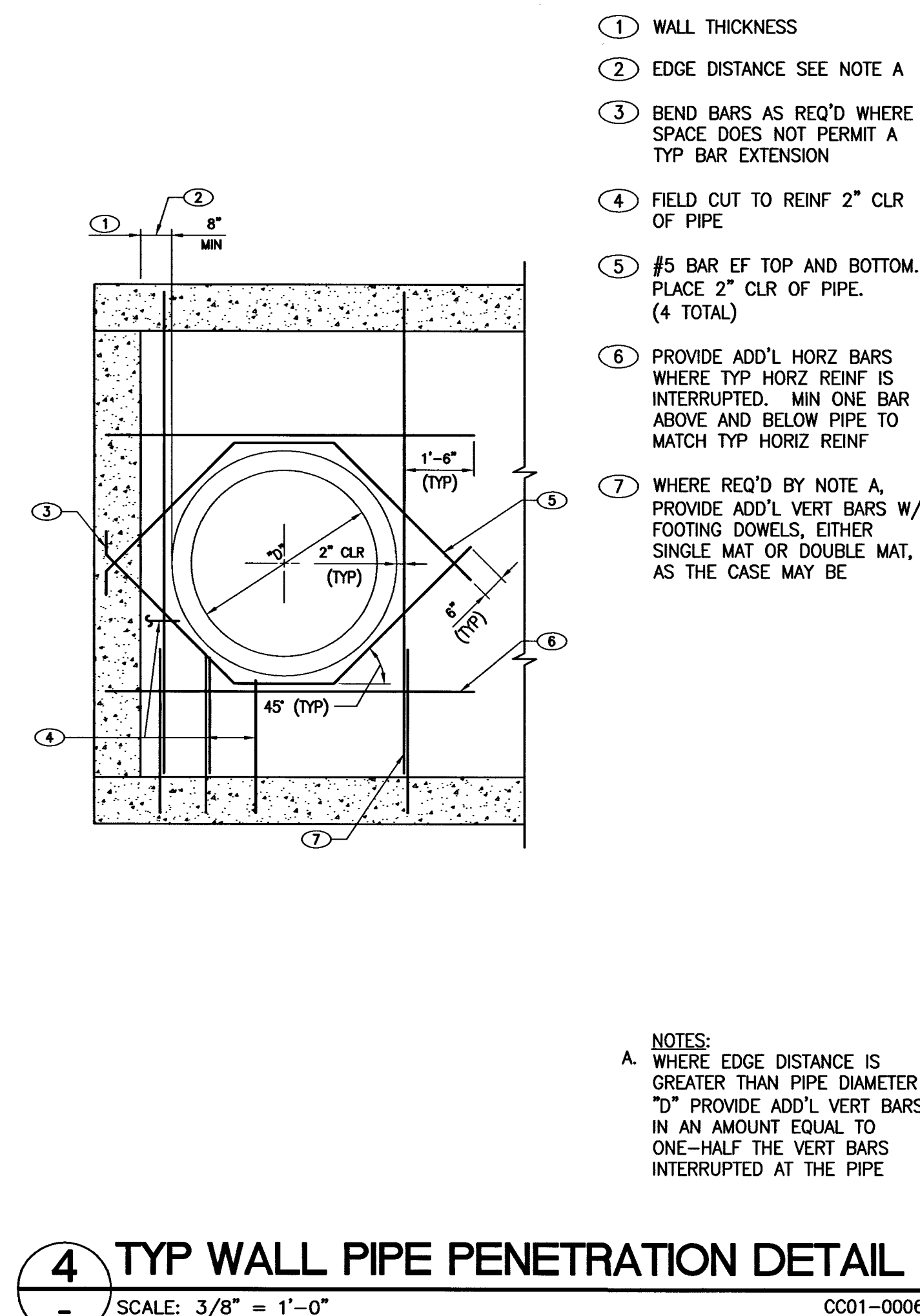
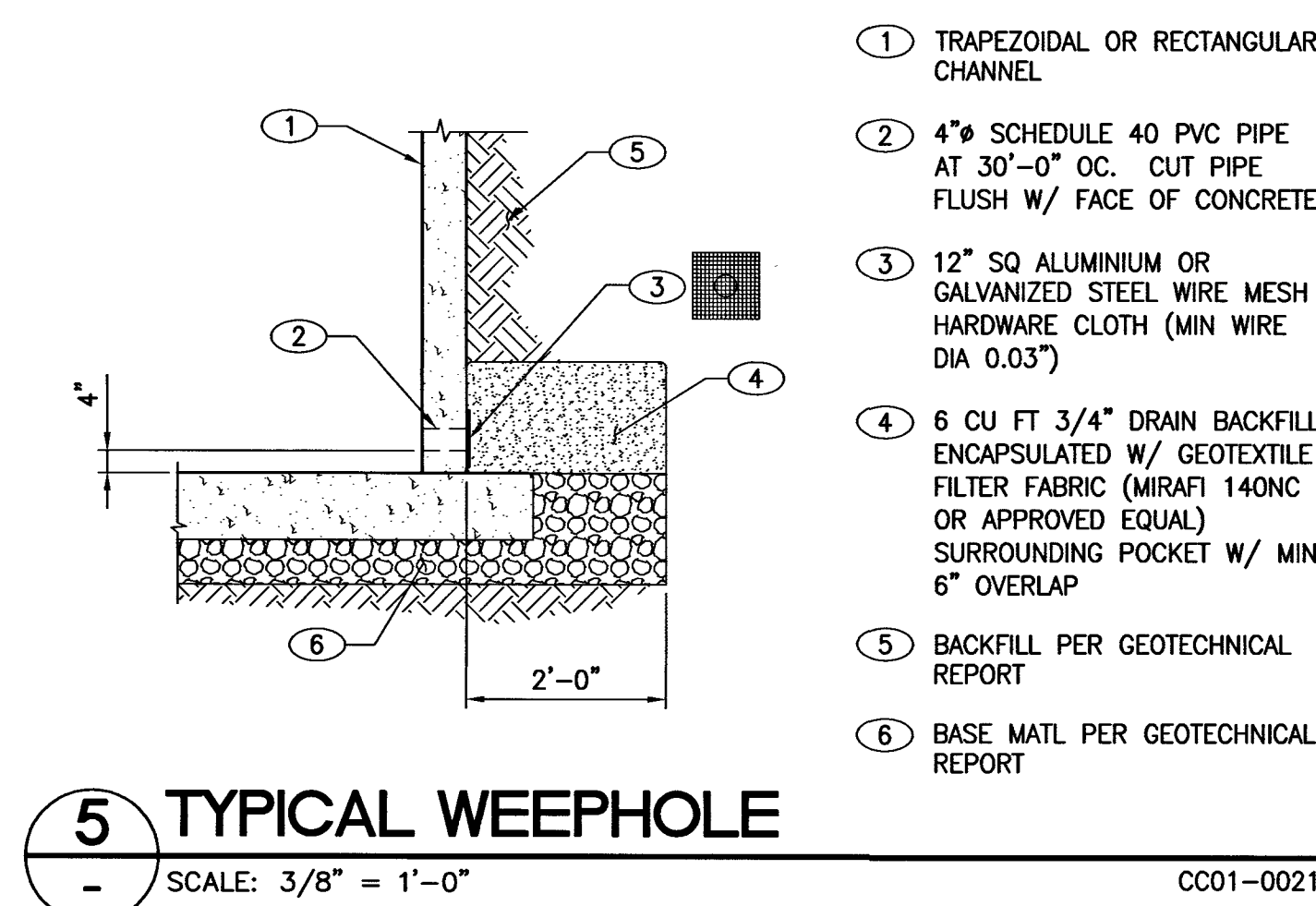
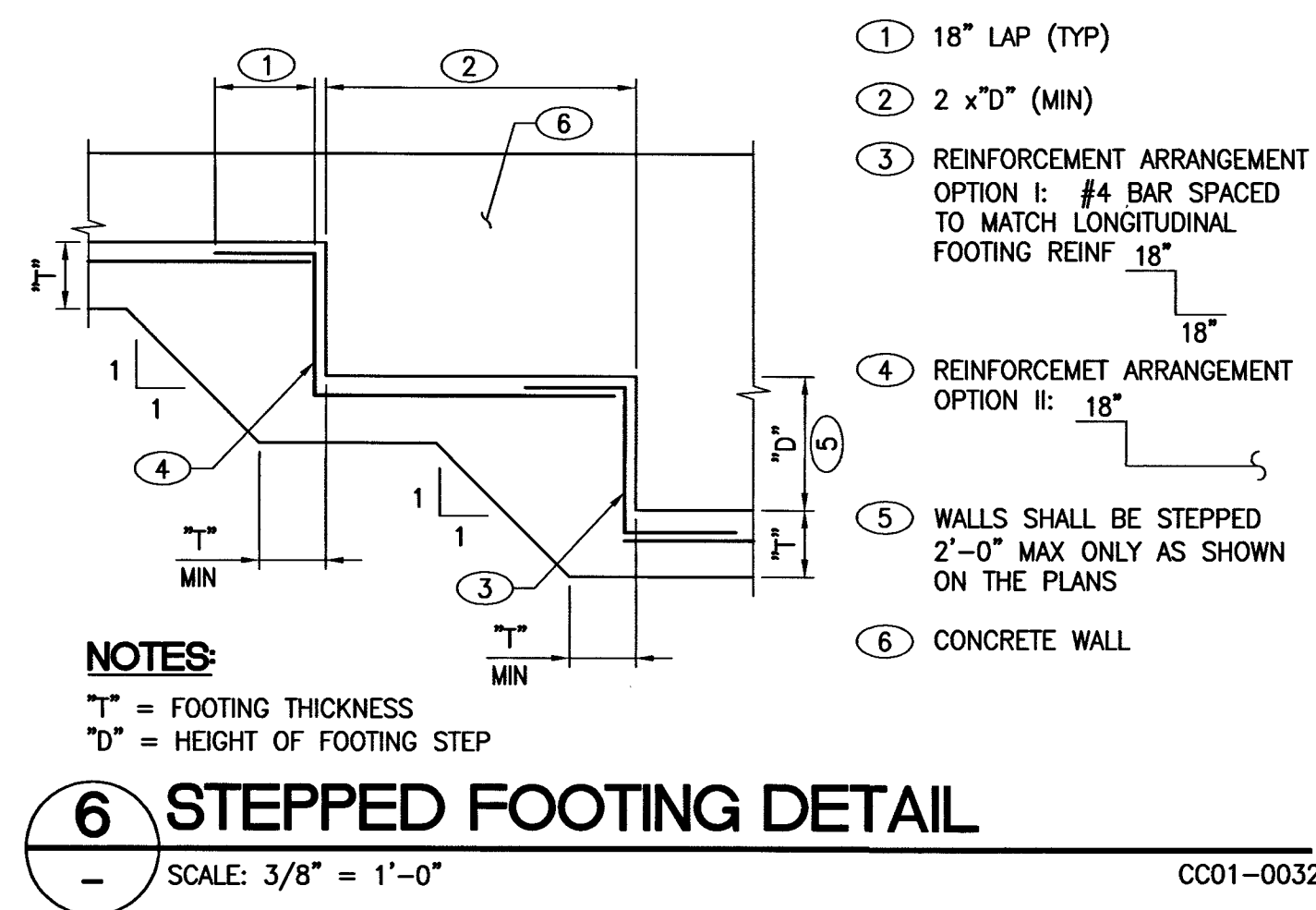




GENERAL STRUCTURAL NOTES:

- [N] REPRESENTS A FLAG NOTE, SEE PLANS.
- 1 48" TYPE I MANHOLE PER CLARK COUNTY USD 403.
- 2 STANDARD MANHOLE PER CLARK COUNTY USD 410.
- INVERTS, SLOPES, BEARINGS, ALIGNMENTS, FINISH GRADE, MANHOLE RIM ELEVATION AND WORKPOINTS SHOWN FOR RCP AND RCB ARE "REFERENCE ONLY". PLANS AND PROFILES ON CIVIL DRAWINGS SHALL GOVERN.
 - CONSTRUCT JUNCTION STRUCTURES TO MATCH ENDS OF REINFORCED CONCRETE BOX CULVERTS AS REQUIRED.
 - ALL PIPE INLETS AND OUTLETS SHALL BE MITERED FLUSH OR SLIGHTLY RECESSED, WITH THE FACE OF THE INTERIOR WALLS.
 - CONTRACTOR SHALL PROVIDE SLOPE STABILIZATION, SHEETING, BRACING, AND/OR SHORING AS REQUIRED TO PROTECT EXISTING EMBANKMENTS, STRUCTURES, AND UNDERGROUND ITEMS.
 - CONCRETE: ALL CONCRETE SHALL BE CLASS D WITH A MINIMUM ULTIMATE COMPRESSIVE STRENGTH $f'_c=4500$ PSI AT 28 DAYS. ALL CONCRETE SHALL BE MADE USING TYPE V CEMENT. ALL EXPOSED CORNERS SHALL BE BEVELED 3/4" UNLESS OTHERWISE NOTED.
 - REINFORCING STEEL: ALL REINFORCING STEEL SHALL BE ASTM A615, GRADE 60. DIMENSIONS ARE FROM OUT TO OUT OF BARS. MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED. HOOKS MAY BE ROTATED OR TILTED AS NECESSARY TO PROVIDE PROPER CLEARANCES.
 - BEDDING MATERIAL: BEDDING MATERIAL SHALL BE 6" OF CLARK COUNTY TYPE II AGGREGATE. THE BEDDING LAYER SHALL BE COMPACTED TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY AS ESTABLISHED BY ASTM TEST METHOD D-1557.
 - EXISTING UTILITIES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES WITHIN THE WORK AREA, AND PROVIDING PROTECTION FOR THE VARIOUS UTILITIES EFFECTED PRIOR TO PROCEEDING WITH THE WORK.
 - GALVANIZING: ALL EXPOSED METAL PARTS SHALL BE GALVANIZED AND ALL GALVANIZING DAMAGED BY FABRICATION OR INSTALLATION SHALL RECEIVE TWO COATS OF ALUMINUM PAINT (GALVANIZED OR EQUAL).
 - EPOXY: EPOXY SHALL BE SIMPSON SET-XP EPOXY OR APPROVED EQUAL. INSTALL PER ICC REPORT ESR-2508 IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 - DESIGN SPECIFICATIONS: AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
 - GEOTECHNICAL INFORMATION: SOILS REPORT PREPARED BY ANGLE ENGINEERING, PROJECT NO. 77004-1.

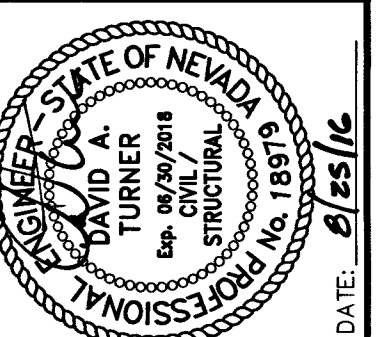
A. ALLOWABLE SOIL BEARING PRESSURE:	3000 PSF
B. SOIL ACTIVE PRESSURE, EPF:	35 PSF/FT
C. SOIL PASSIVE PRESSURE W/1.5 SAFETY FACTOR	300 PSF/FT
D. COEFFICIENT OF FRICTION:	$\mu = 0.40$
E. SEISMIC SITE CLASS	C
 - BACKFILL SHALL BE PLACED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.

SPECIAL INSPECTION:

	CONTINUOUS MONITORING	PERIODIC MONITORING
FOUNDATION SOILS		X
SLAB SUB-GRADES		X
REBAR PLACEMENT IN CONCRETE	X	
VERIFICATION OF CONCRETE MIX DESIGN	X	
SAMPLING OF FRESH CONCRETE	X	
MASONRY QUALITY ASSURANCE	LEVEL B	

- SPECIAL INSPECTIONS ARE TO BE PERFORMED BY QUALIFIED FIRMS OR PERSONNEL. THE SPECIAL INSPECTOR MUST BE CERTIFIED BY CLARK COUNTY IN THE CATEGORY OF WORK REQUIRED TO HAVE SPECIAL INSPECTION.
- THE CONSTRUCTION MATERIALS TESTING LABORATORY MUST BE APPROVED BY CLARK COUNTY, FOR TESTING OF MATERIALS, SYSTEMS, COMPONENTS, AND EQUIPMENTS.
- AS IDENTIFIED WITHIN THE CONTRACT DOCUMENTS, AND THE IBC 2012 BUILDING CODE CHAPTER 17. THE SPECIAL INSPECTORS SHALL MAINTAIN RECORDS OF ALL INSPECTIONS PERTAINING TO THE PORTIONS OF WORK THEY ARE TO INSPECT. PROVIDE COPIES OF REPORTS TO THE OWNER AND ARCHITECT/ ENGINEER PERIODICALLY AND AS REQUIRED FOR ADEQUATE COMMUNICATION AS WORK PROGRESSES.

H# 6338 18839 CLV DWG# 107Y4950-AR



DATE	REVISION	DESCRIPTION
05/16	1	REVISION
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PROJECT NO.	764-204-03
DESIGN	SJS
DRAWN	JMH
CHECK	PKH
PLOT DATE	08-24-16
PLOT TIME	13:59:54

GCV
ENGINEERS & SURVEYORS
1555 S. RAINBOW BLVD.
LAS VEGAS, NV 89146
T: 702.804.2000
F: 702.804.2299
gcvengineering.com

DESERT HOPE DRIVE - ACCESS ROAD - (AKA
REFERENCE (VILLAGE 26))
PULTE HOMES
GENERAL STRUCTURAL NOTES
AND TYPICAL DETAILS