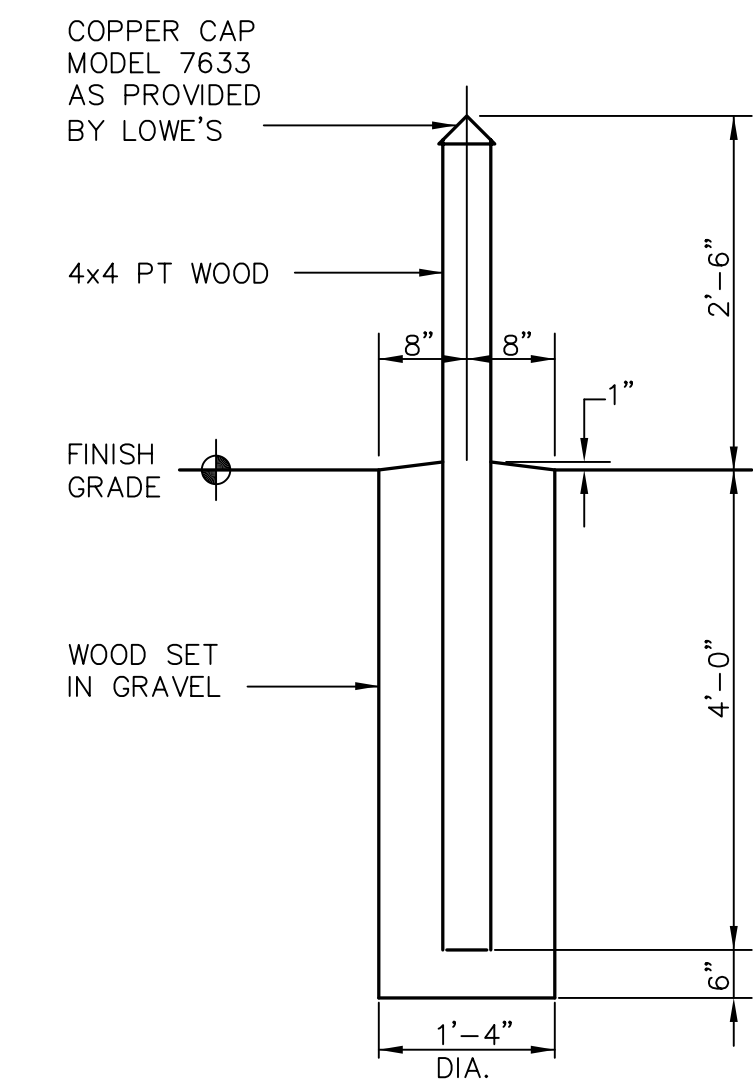
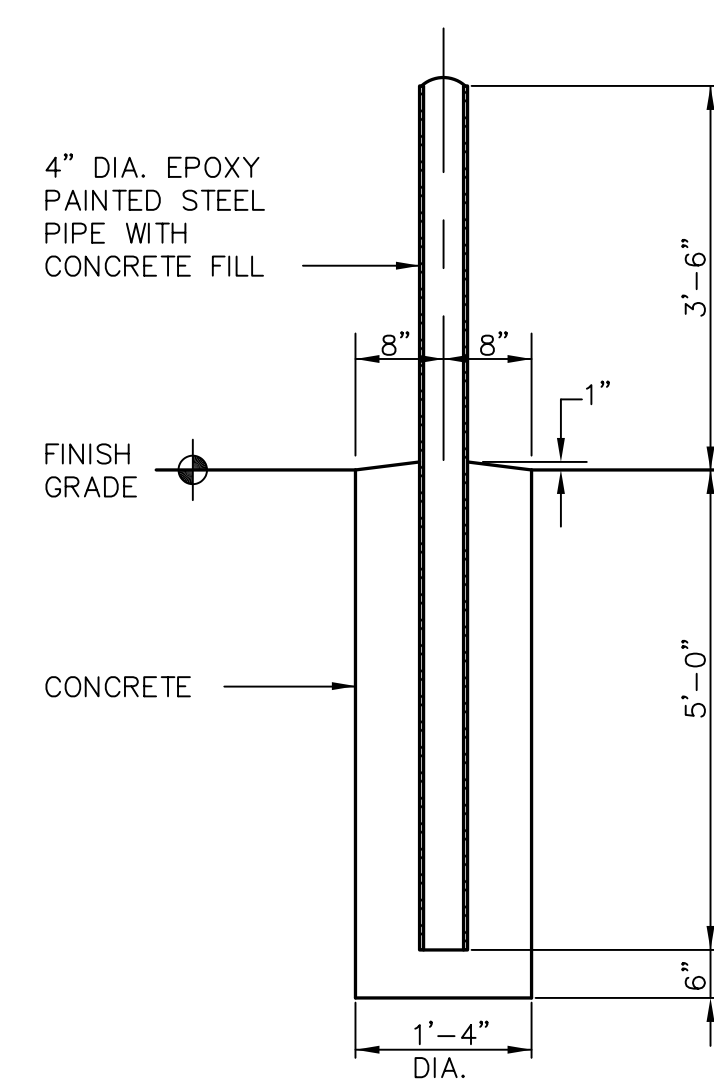


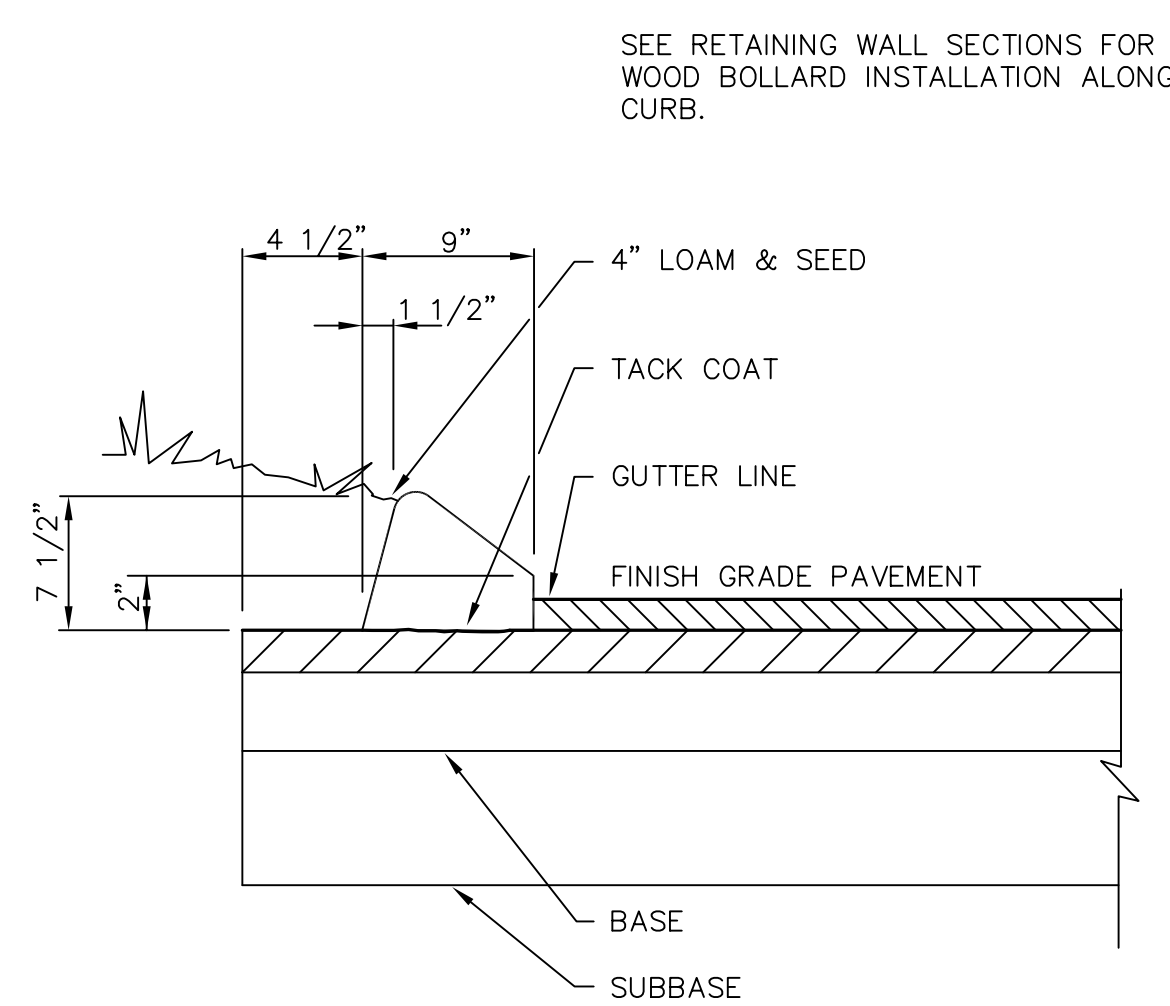
5 DOWNSPOUT CONNECTION TO STORMDRAIN
NOT TO SCALE



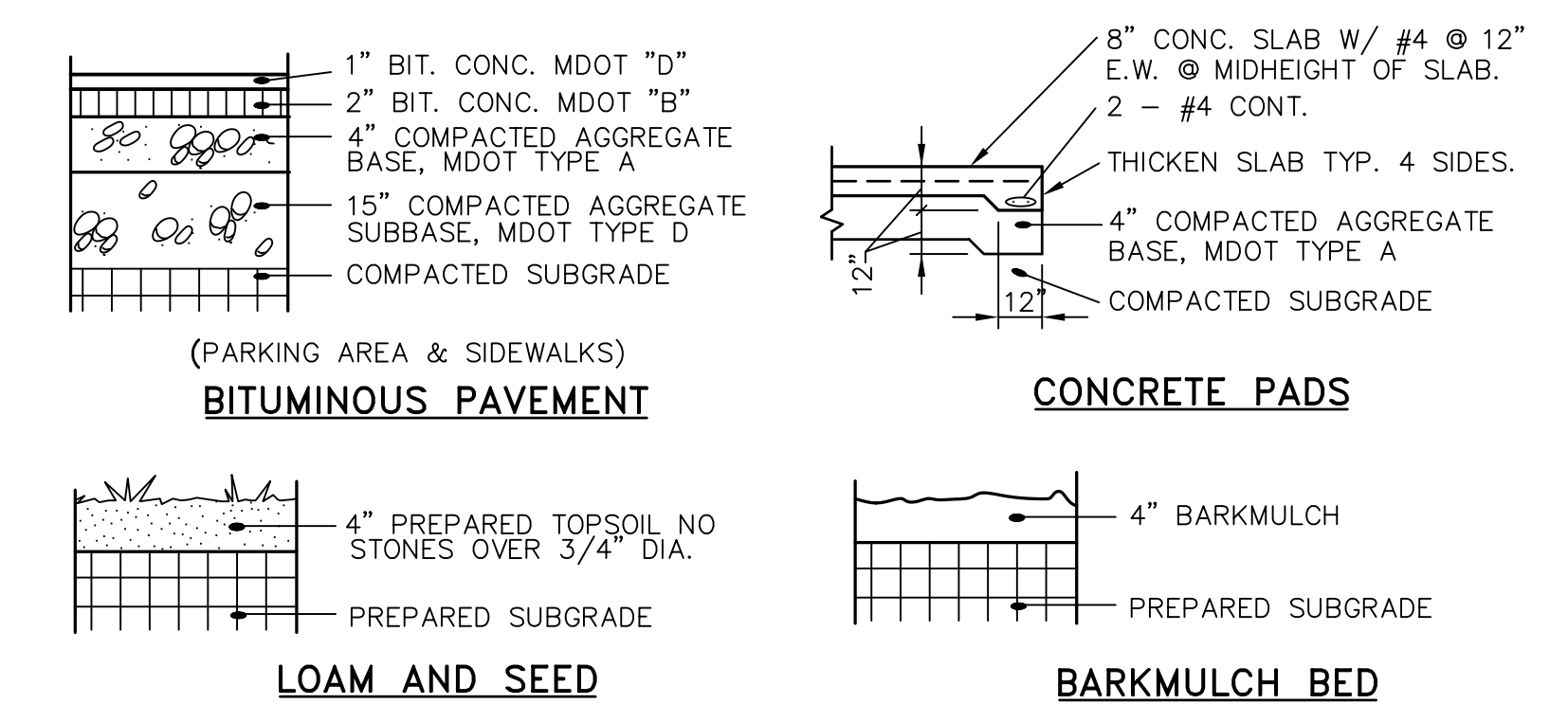
4 WOOD BOLLARD DETAIL
NOT TO SCALE



3 STEEL BOLLARD DETAIL
NOT TO SCALE



2 BITUMINOUS CURB DETAIL
NOT TO SCALE



NOTES: 1. ALL COURSE THICKNESS AFTER FINAL COMPACTION.
2. CONCRETE REQUIREMENTS:
1. CODES AND STANDARDS:
ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS"
ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
COMPLY WITH APPLICABLE PROVISIONS UNLESS OTHERWISE INDICATED.
2. CONCRETE MIXES:
MIX PROPORTIONS AND DESIGN:
PROPORTION MIXES COMPLYING WITH MIX DESIGN PROCEDURES SPECIFIED IN ACI 301.
DESIGN MIX FOR CONCRETE:
- MINIMUM 28-DAY COMPRESSIVE STRENGTH: 3000PSI
- MAXIMUM WATER/CEMENT CONTENT: 0.50
- MINIMUM CEMENT CONTENT: 540 LBS. PER CUBIC YARD/SLAB
470 LBS. PER CUBIC YARD/OTHER CONCRETE
- SLUMP: CONCRETE FOR GENERAL USE: NOT LESS THAN 1", NOT MORE THAN 4"
CONCRETE WITH HRWR ADMIXTURE: NOT MORE THAN 8"
- MAXIMUM AGGREGATE SIZE: 3/4"
- AIR CONTENT: 6% 1% BY VOLUME FOR EXTERIOR CONCRETE
3. SEE DETAIL 7 FOR CITY OF PORTLAND CONCRETE SIDEWALK REQUIREMENTS.

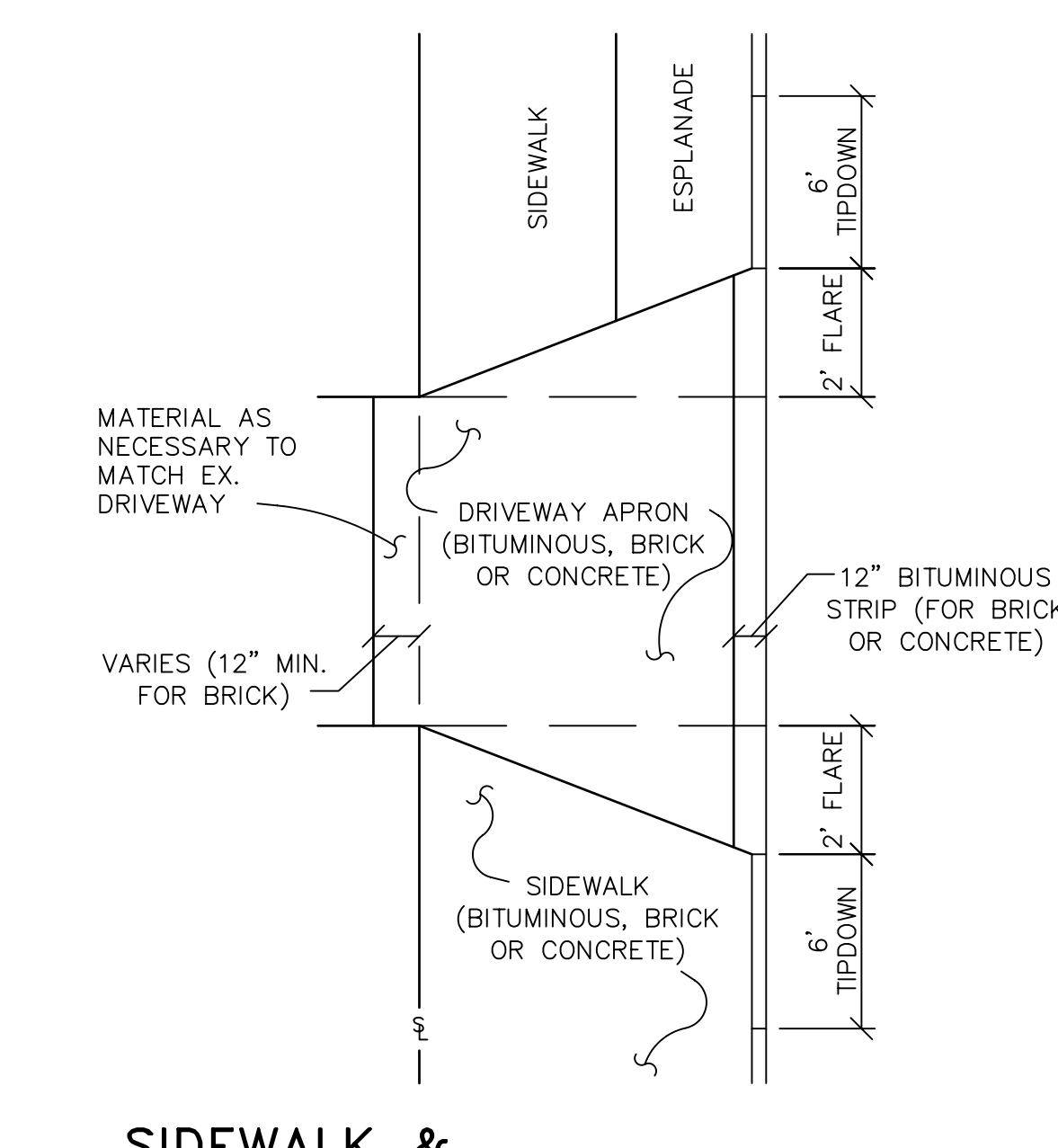
1 SURFACING DETAILS
NOT TO SCALE



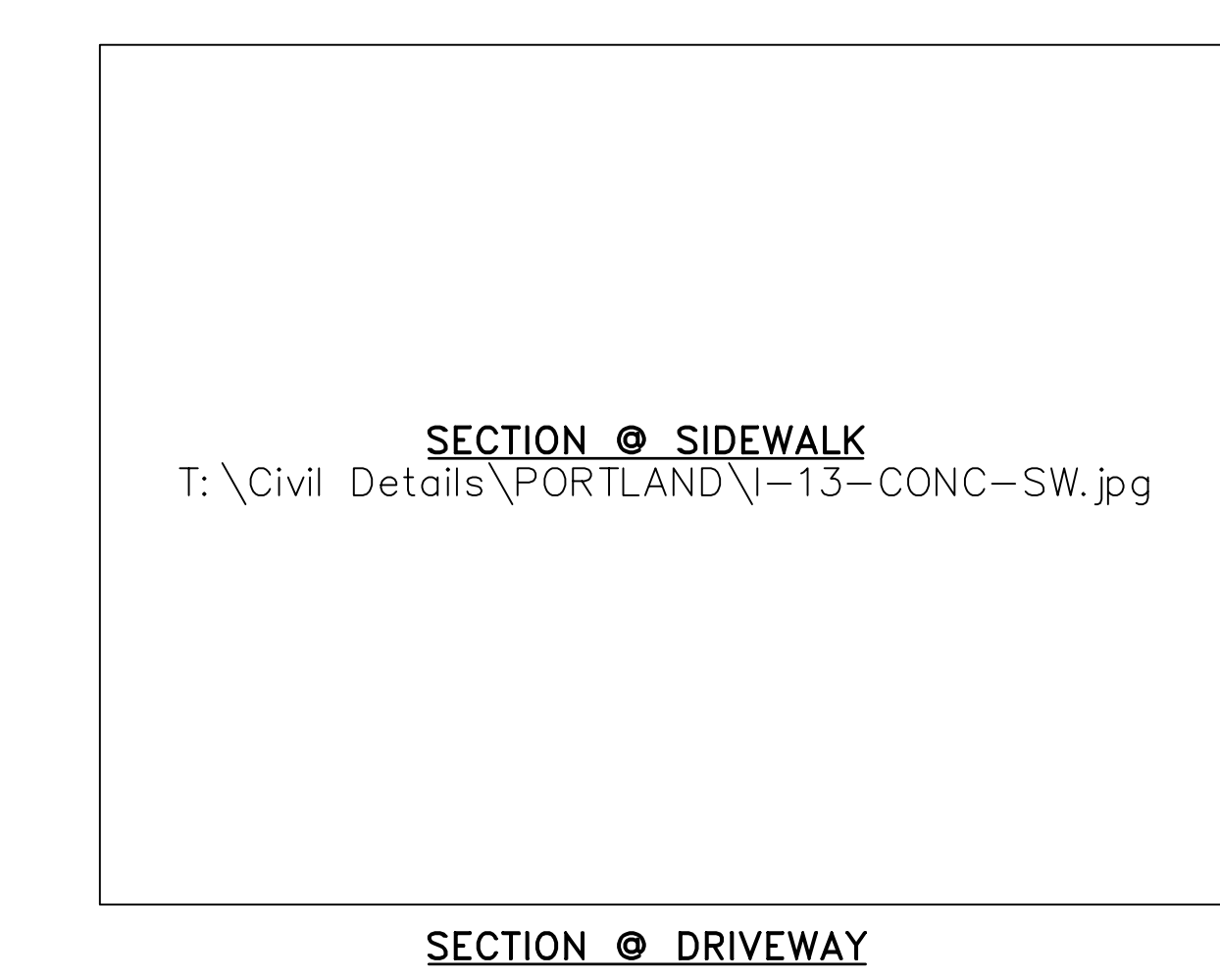
13 CASCO TRAP DETAIL
NOT TO SCALE



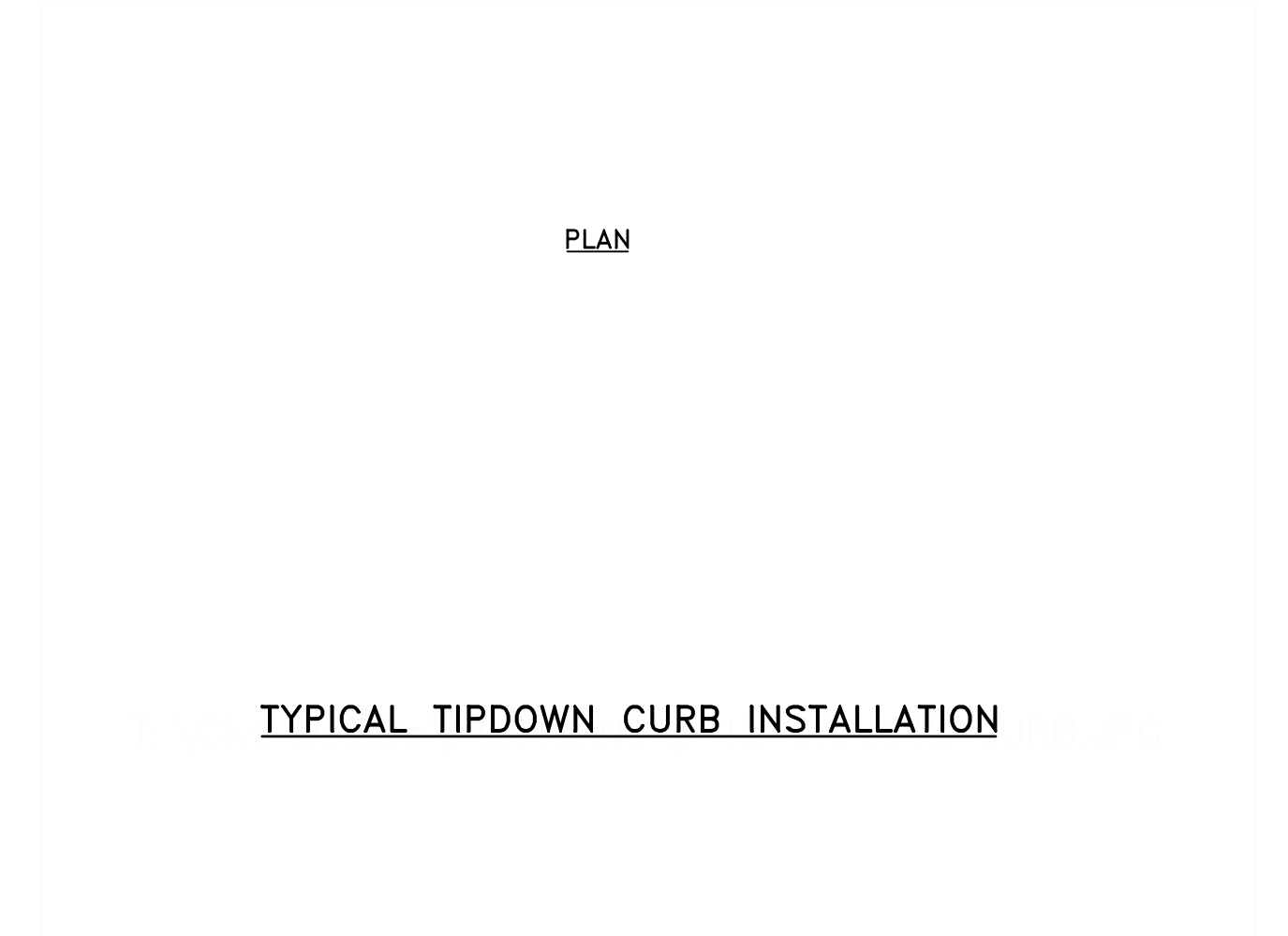
9 TYP. EXISTING LATERAL CONNECTION
NOT TO SCALE



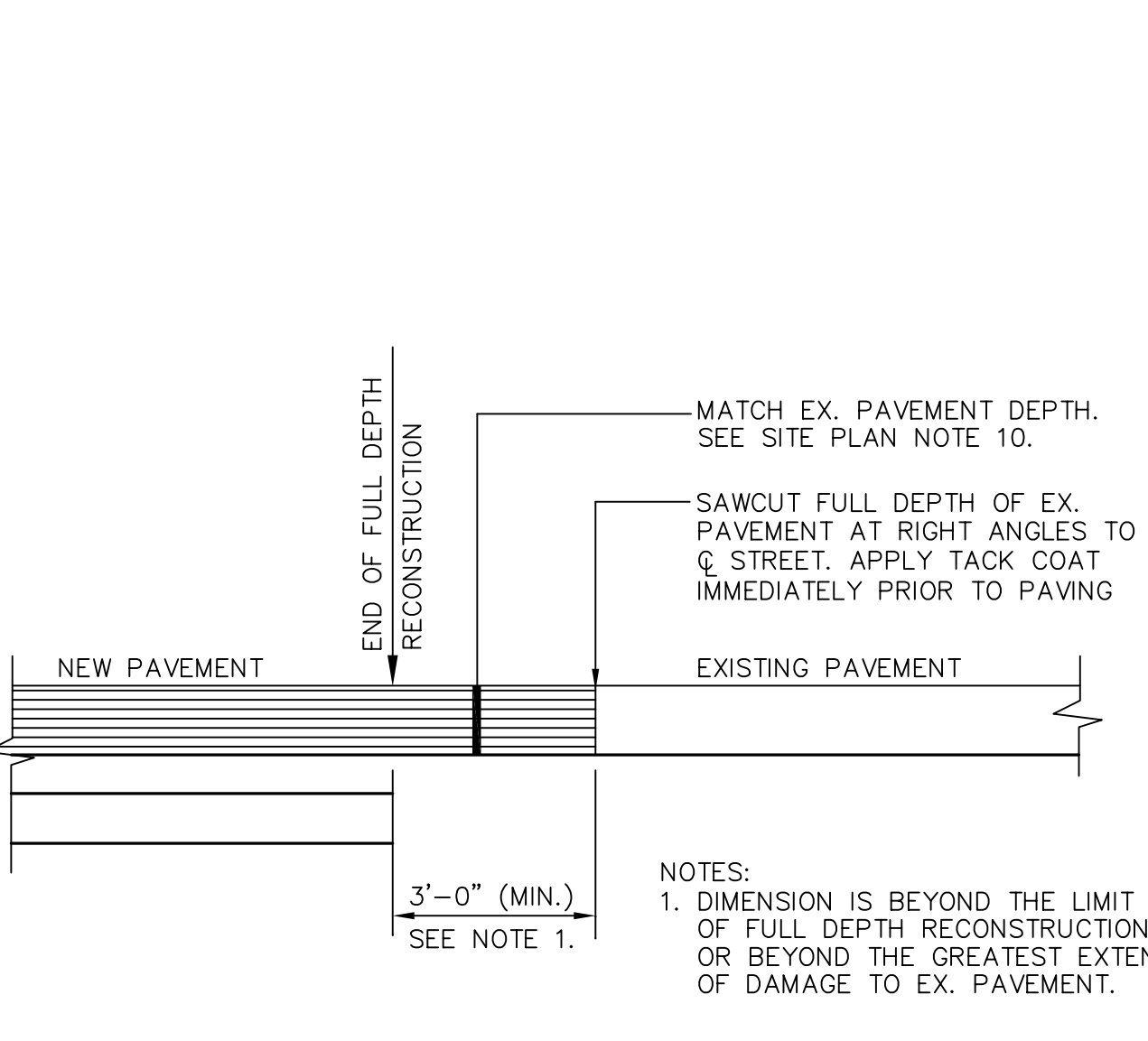
8 SIDEWALK & DRIVEWAY CONSTRUCTION
NOT TO SCALE



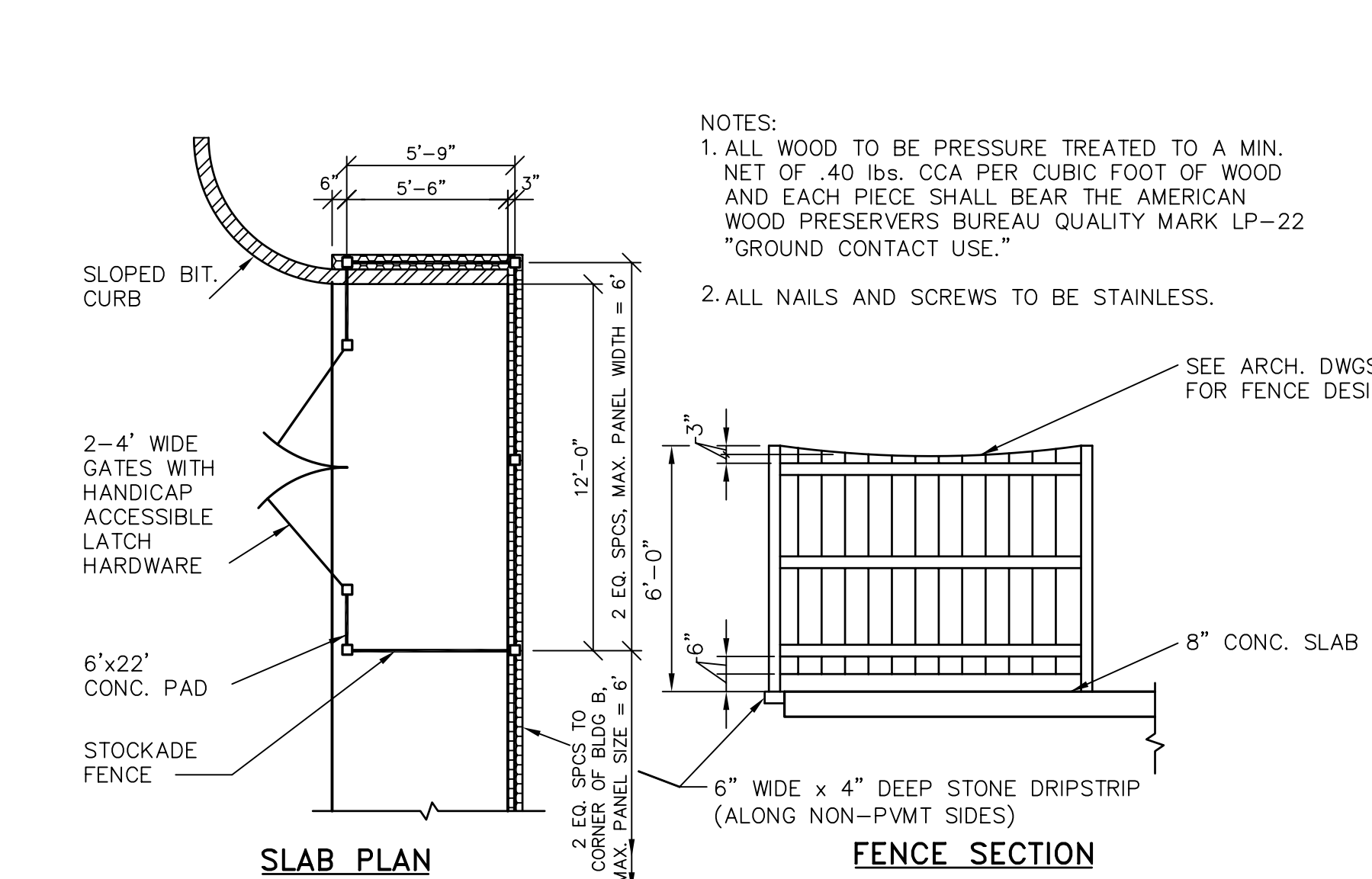
7 CONCRETE SIDEWALK CONSTRUCTION
NOT TO SCALE



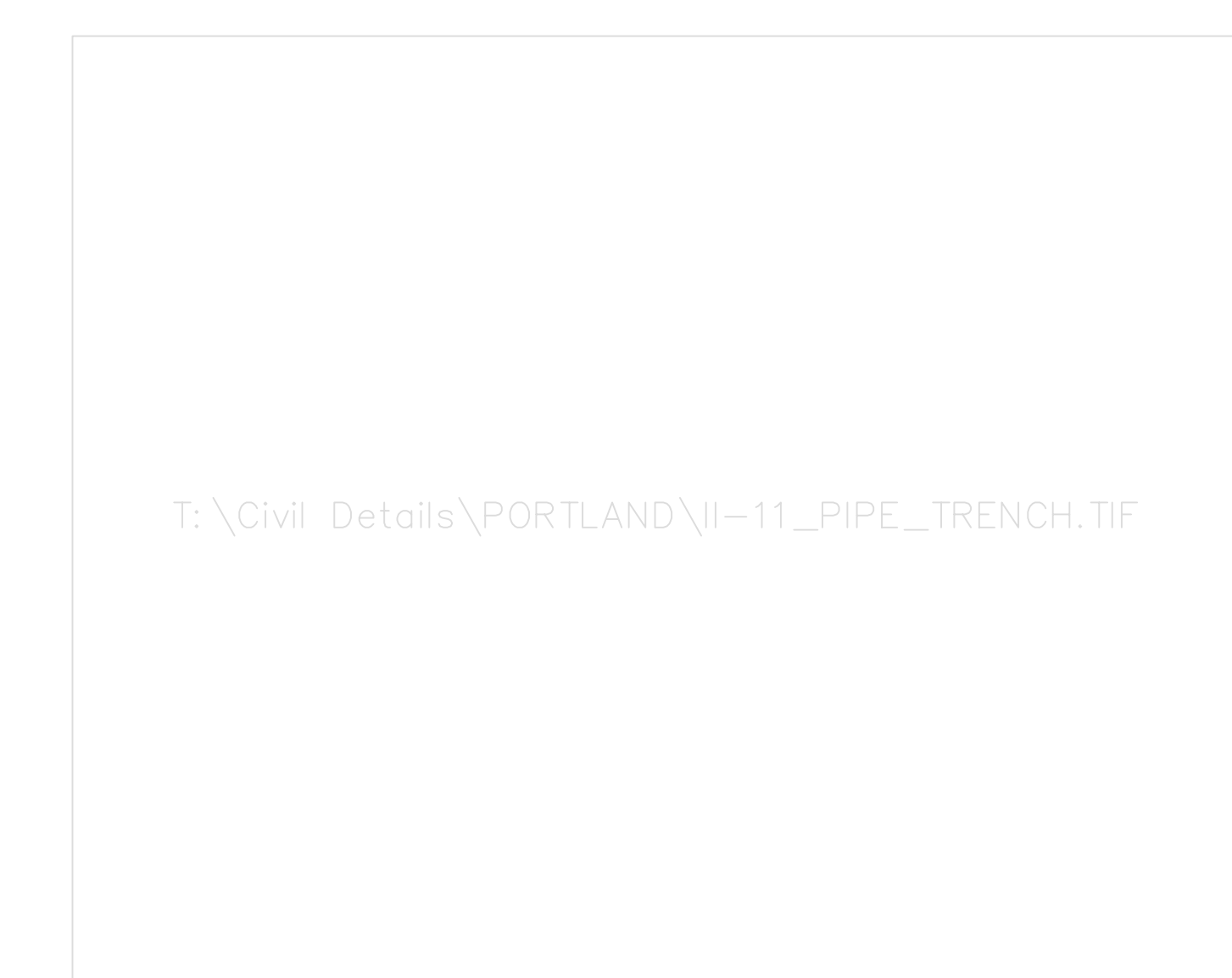
6 CURB INSTALLATION
NOT TO SCALE



12 PAVEMENT CUTTING & MATCHING DETAIL
NOT TO SCALE



11 DUMPSTER ENCLOSURE DETAIL
NOT TO SCALE



10 TRENCH SECTION
NOT TO SCALE

INSTALLATION OF CURB

6 CURB INSTALLATION
NOT TO SCALE

REV.	DATE	DESCRIPTION
4	1/30/04	REV'D PER FINAL REVIEW COMMENTS
3	1/8/04	REV'D UTILITIES AND PER FINAL REVIEW COMMENTS
2	11/3/03	REV'D BUILDING SIZES AND PARKING LAYOUT
1	12/4/02	REV'D PER CITY REVIEW COMMENTS

PEOPLES REGIONAL OPPORTUNITY PROGRAM
510 CUMBERLAND AVE. PORTLAND ME
GRANT STREET
GRANT STREET, PORTLAND

PINKHAM & GREER
CONSULTING ENGINEERS, INC.
FALMOUTH, MAINE

DETAILS

SCALE: AS SHOWN	DRN BY: JDC
DATE: SEPT. 16, 2002	DESIGN BY: TSG
PROJECT: 01404	CHK BY: TSG

C4

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