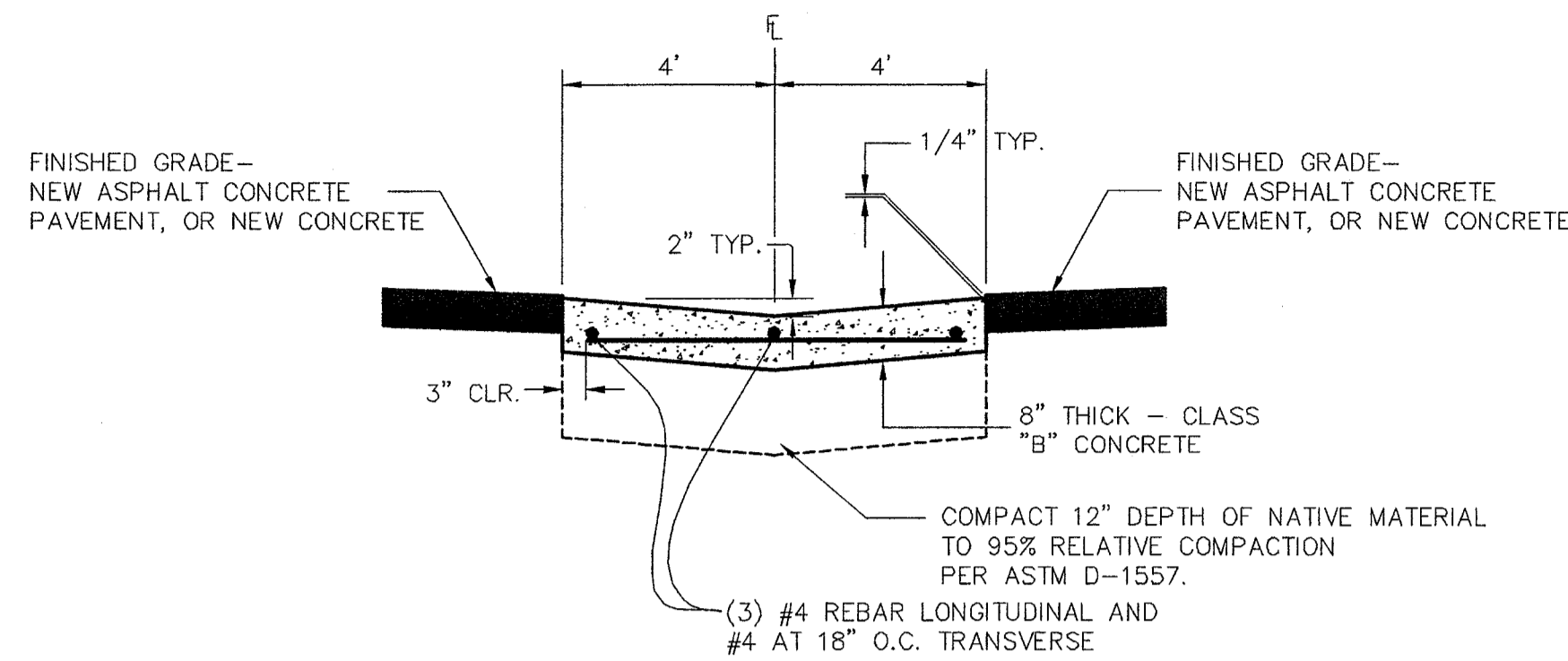
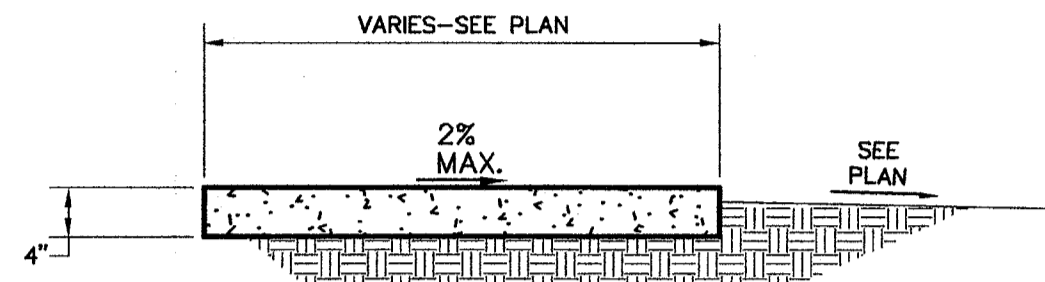


A
3 TYPICAL PAVING SECTION
N.T.S.

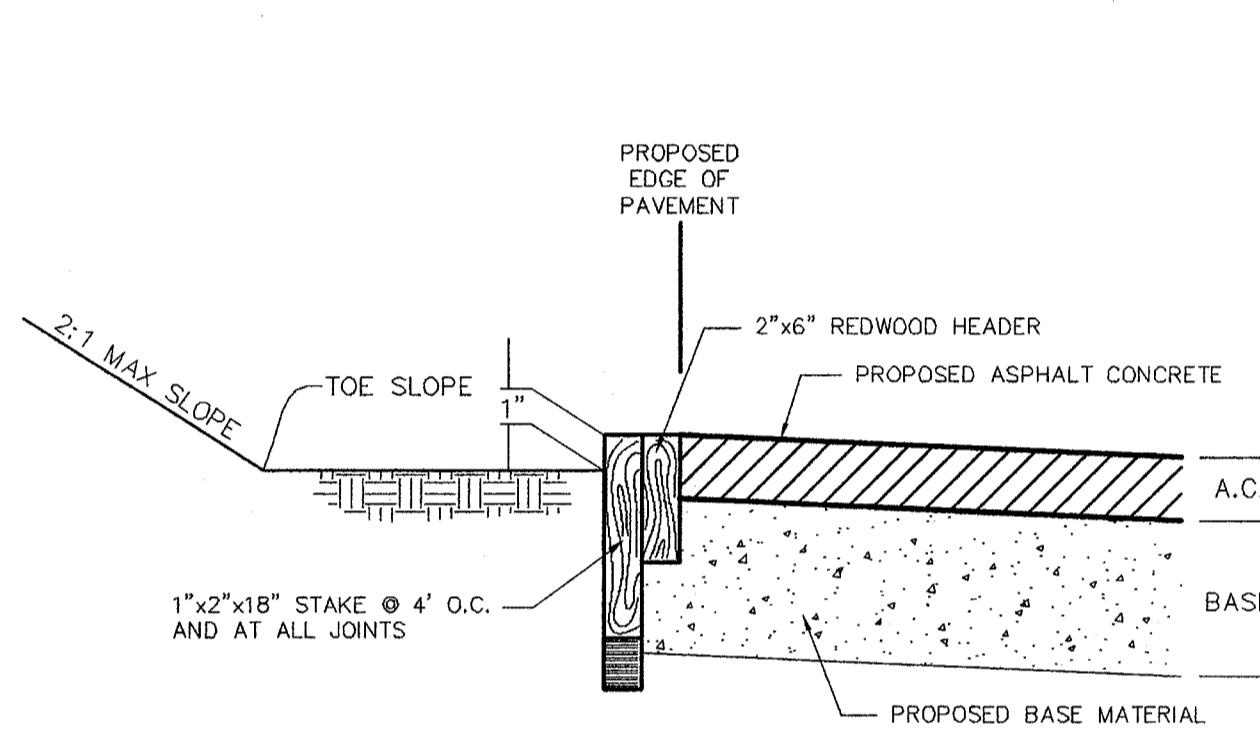


E
3 8' CONCRETE "V" GUTTER
N.T.S.

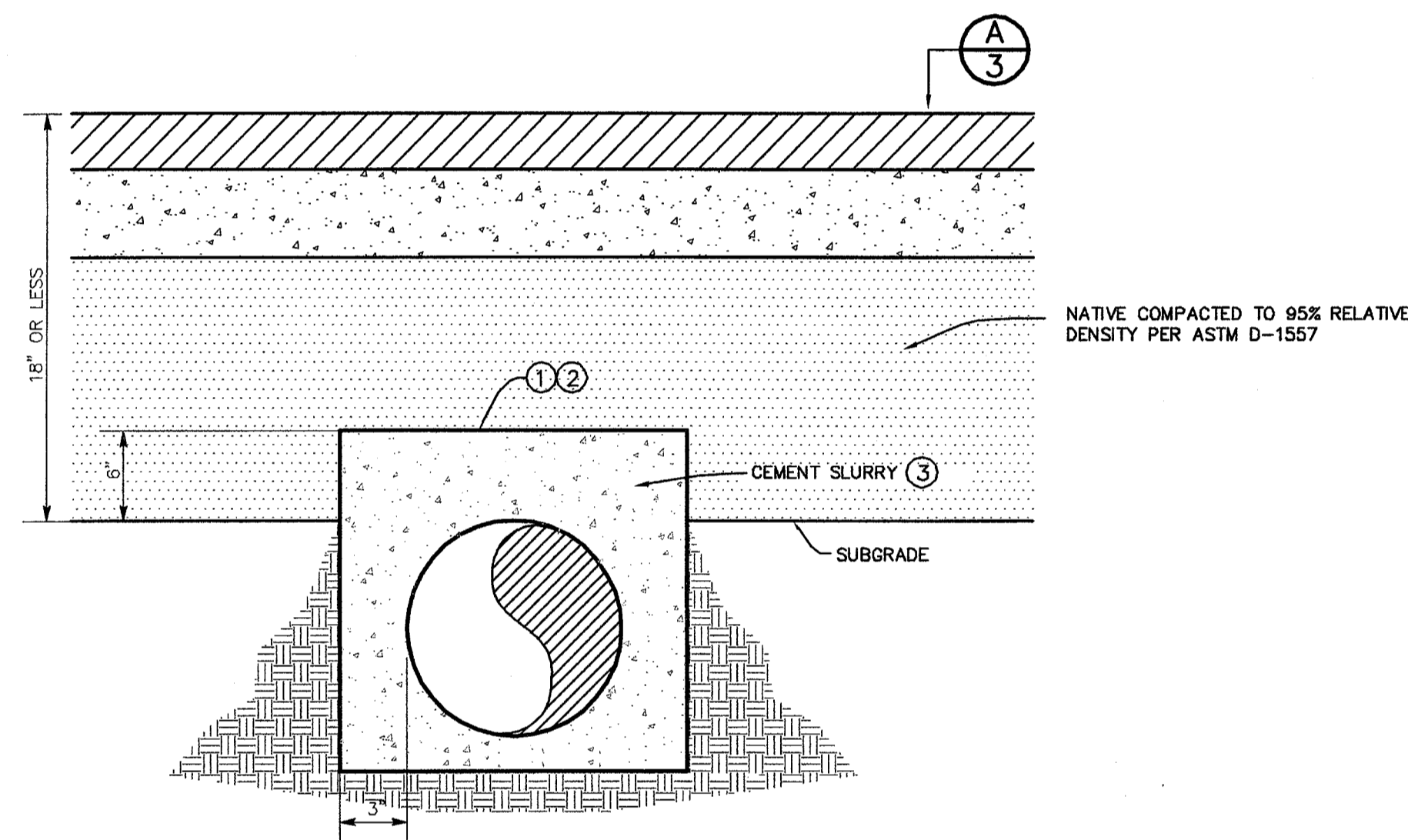


NOTE: OBTAIN 95% RELATIVE COMPACTION FOR A DEPTH OF 12" BENEATH ALL CONCRETE, PER ASTM D-1557

B
3 CONCRETE WALK
N.T.S.



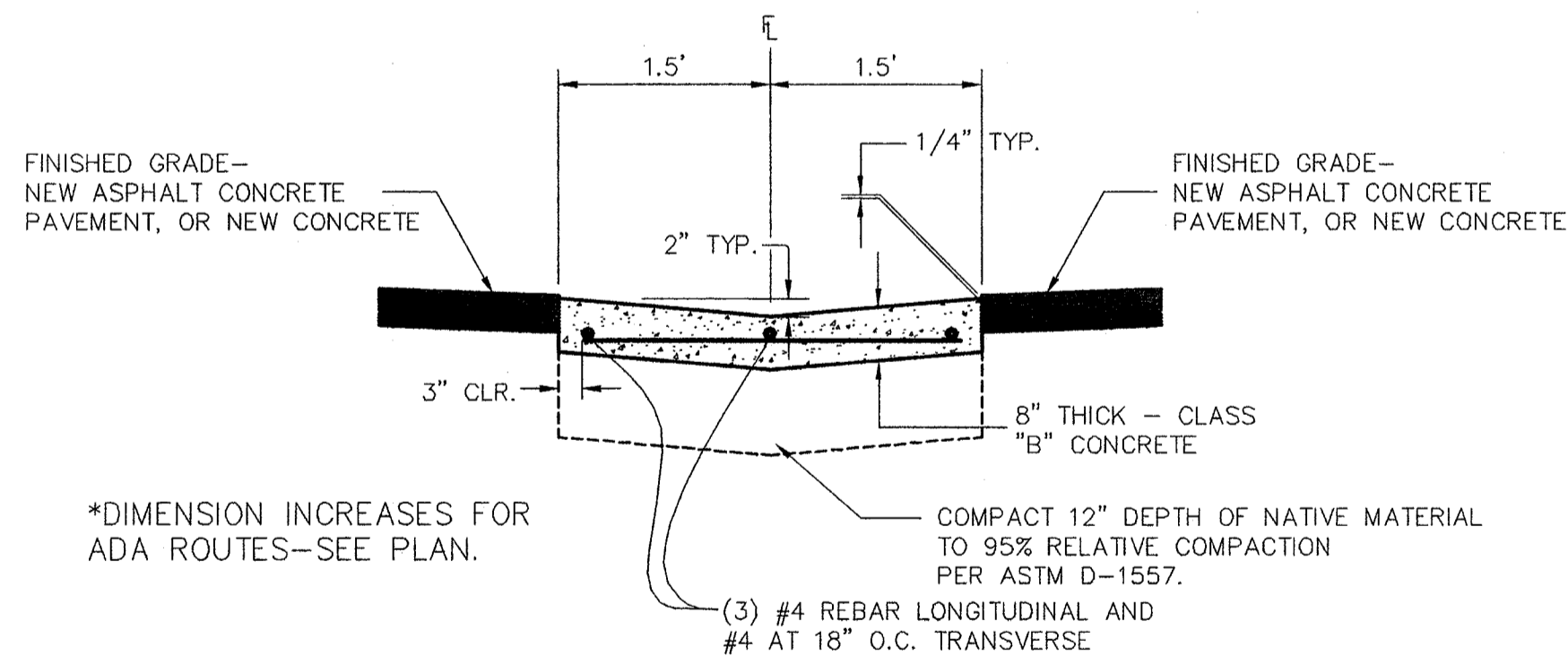
C
3 REDWOOD PAVING BOARD
N.T.S.



NOTES:

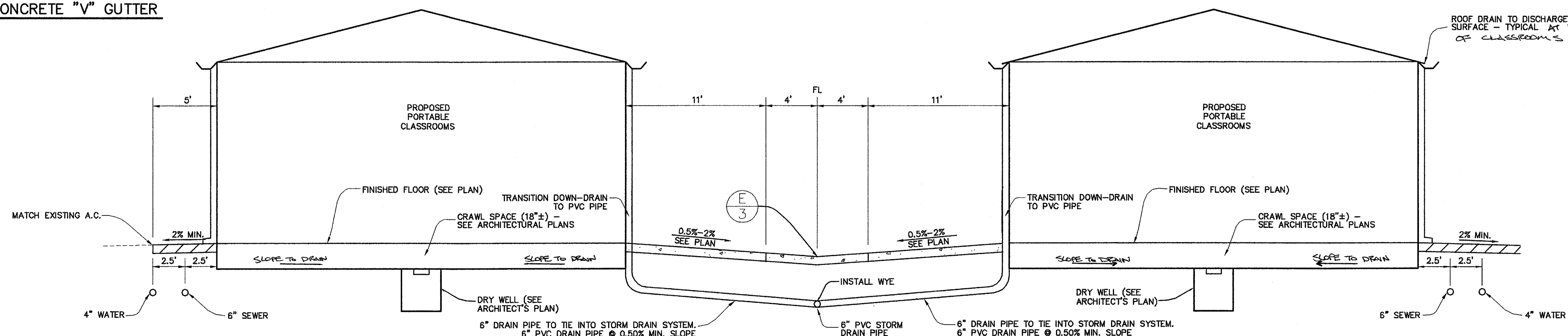
- ① SLURRY BACKFILL TO BE USED IN PAVED AREAS WHERE COVER IS 18" OR LESS.
- ② SLURRY TO ENCRANCH INTO SUB-GRADE TO ACHIEVE 6" OF SLURRY COVER OVER PIPE.
- ③ SLURRY SHALL BE 1-SACK CONCRETE MIX.

F
3 TRENCH SLURRY BACKFILL (WHEN LESS THAN 18" OF COVER)
N.T.S.



*DIMENSION INCREASES FOR ADA ROUTES-SEE PLAN.

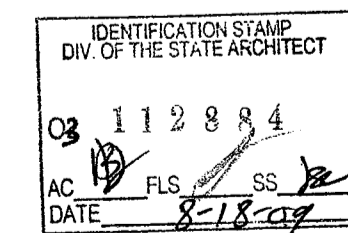
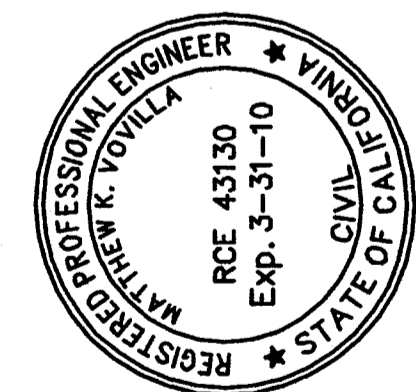
D
3 3' CONCRETE "V" GUTTER
N.T.S.



G
3 FINISH GRADING / SURFACE SECTION
N.T.S.

CONSTRUCTION NOTES-GRADING & SITE IMPROVEMENTS

- ① PRIOR TO FINISH GRADING, THE BUILDING PAD SHALL BE OVEREXCAVATED AND RECOMPACTED TO A MINIMUM DEPTH OF ___ INCHES BELOW NATURAL GROUND OR FINISHED PAD ELEVATION, WHICHEVER IS LOWER. OVEREXCAVATION AND RECOMPACTION SHALL EXTEND A MINIMUM OF 5 FEET BEYOND THE BUILDING PERIMETER.
- ② CONTRACTOR SHALL RESEARCH ALL EXISTING UTILITIES, AND SHALL "POTHOLE" TO VERIFY LOCATION AND DEPTH. EXCEPT AS OTHERWISE NOTED ON THESE PLANS, ALL EXISTING UTILITIES SHALL BE PROTECTED IN-PLACE.
- ③ PLACE AND COMPACT ASPHALT CONCRETE PAVEMENT OVER AGGREGATE BASE OVER COMPACTED SUBGRADE IN ACCORDANCE WITH DETAIL (A/3).
- ④ CONSTRUCT REDWOOD HEADER BOARD PER DETAIL (C/3). REMOVE AND RECONSTRUCT EXISTING FENCE TO COMPLETE PROPOSED CONSTRUCTION.
- ⑤ CONSTRUCT 5" THICK PORTLAND CEMENT CONCRETE WALKWAY PER DETAIL (B/3).
- ⑥ INSTALL 6-INCH DIAMETER PVC STORM DRAIN PIPE AS SHOWN. IF COVER IS LESS THAN 18-INCHES, TRENCH SHALL BE BACKFILLED WITH 1-SACK CEMENT SLURRY PER DETAIL (F/3).
- ⑦ INSTALL 8-INCH DIAMETER PVC STORM DRAIN PIPE AS SHOWN. IF COVER IS LESS THAN 18-INCHES, TRENCH SHALL BE BACKFILLED WITH 1-SACK CEMENT SLURRY PER DETAIL (F/3).
- ⑧ INSTALL 24-INCH SQUARE CONCRETE CATCH BASIN - CHRISTY U215 WITH HS20 AND ADA COMPLIANT GRATE - OR APPROVED EQUAL. SEE SHEET 4 FOR DETAIL.
- ⑨ SAWCUT EXISTING SURFACE AND JOIN. MATCH EXISTING GRADE. REMOVE AND DISPOSE OF EXISTING MATERIAL AS NECESSARY.
- ⑩ CONSTRUCT 8-FOOT WIDE CONCRETE CROSS GUTTER PER DETAIL (E/3).
- ⑪ CONSTRUCT 3-FOOT WIDE CONCRETE CROSS GUTTER PER DETAIL (D/3).
- ⑫ EXCAVATE STORM WATER DETENTION AREA AS SHOWN ON PLAN.
- ⑬ ALTERNATE TO STORM WATER DETENTION AREA, INSTALL STORM TECH SYSTEM - SEE DETAIL (A/4).
- ⑭ INSTALL ROCK WELL IN STORM WATER DETENTION AREA AS SHOWN ON PLAN, AND PER DETAIL (A/4).
- ⑮ INSTALL ROCK WELL IN CRAWL SPACE OF EACH PORTABLE. SEE ARCHITECT'S PLANS FOR DETAILS.
- ⑯ ADJUST ALL UTILITY BOXES, CLEAN-OUTS, AND VALVE COVERS TO FINISHED GRADE.
- ⑰ SEE ARCHITECT'S PLANS.
- ⑱ JOIN EXISTING WATER LINE. EXISTING IMPROVEMENTS SHALL BE SAWCUT, REMOVED AND REPLACED IN KIND, AS NECESSARY TO MAKE CONNECTION AND EXTEND WATER LINE.
- ⑲ ADJUST ALL UTILITY AND VALVE BOXES TO FINISHED GRADE AFTER INSTALLATION OF AC PAVEMENT. CONCRETE COLLARS SHALL BE POURED AROUND ALL VALVE BOXES AND CLEAN-OUTS. SAWCUT NEW AC PAVEMENT PRIOR TO POURING COLLARS.
- ⑳ REMOVE EXISTING CLEANOUT AND CONNECT TO EXISTING SEWER. ONCE EXISTING SEWER IS EXPOSED, CONTACT ENGINEER TO "SHOOT" ELEVATION OF EXISTING LINE, AND MAKE ADJUSTMENT OF SEWER DESIGN GRADES.
- ㉑ INSTALL 6-INCH PVC SDR 35 SEWER LINE. SEWER SHALL BE INSTALLED AT A SLOPE NOT LESS THAN 0.5 PERCENT. SEE ALSO NOTE (27).
- ㉒ INSTALL SEWER CLEAN-OUT PER CITY OF BAKERSFIELD STANDARD SW-5. INCLUDE CONCRETE COLLAR. SAW-CUT AC PRIOR TO POURING COLLAR.
- ㉓ INSTALL 4-INCH DOMESTIC WATER LINE - PVC C900.
- ㉔ INSTALL WATER LINE GATE VALVE AND VALVE BOX PER CITY OF BAKERSFIELD WATER STANDARD W-12. INSTALL CONCRETE COLLAR PER STANDARD.
- ㉕ INSTALL THRUST BLOCKS AT ALL ANGLE POINTS PER CITY OF BAKERSFIELD STANDARD W-2. SEE ALSO SHEET 4 FOR DETAIL.
- ㉖ INSTALL BLOW-OFF WITH VALVE BOX PER CITY OF BAKERSFIELD STANDARD W-4. SEE ALSO SHEET 4 FOR DETAIL.
- ㉗ INSTALL 4-INCH SEWER LATERAL WITH WYE AND CLEAN-OUT. MAKE CONNECTION TO EACH PORTABLE UNIT PER MANUFACTURER'S RECOMMENDATION.
- ㉘ INSTALL 4-INCH DOMESTIC SERVICE WITH CORPORATION STOP AND METER BOX. MAKE CONNECTION TO PORTABLE UNIT PER MANUFACTURER'S RECOMMENDATION.
- ㉙ ANY UNDERGROUND UTILITIES WITH LESS THAN 18-INCHES OF COVER SHALL BE BACKFILLED WITH CONCRETE SLURRY PER DETAIL (F/3).
- ㉚ INSTALL SEWER MANHOLE PER CITY OF BAKERSFIELD STANDARD SW-5.
- ㉛ CONNECT ROOF-DRAIN TO STORM DRAIN SYSTEM USING SEWER-TYPE "WYE" FITTING. INSTALL ABOVE-GROUND CLEANOUT PER ARCHITECT'S PLANS.
- ㉜ CONCRETE JOINTS: EXCEPT AS OTHERWISE DIRECTED BY THE DISTRICT, INSTALL FIBER EXPANSION JOINTS AT DRAINAGE STRUCTURES; SAWCUT JOINTS AT 10-FOOT INTERVALS IN VEE-GUTTER; SAWCUT JOINTS AT EVEN INTERVALS, NOT TO EXCEED 15-FEET EACH WAY IN SIDEWALK. JOINTS SHALL BE LAID OUT FOR ENGINEER'S APPROVAL PRIOR TO CUTTING.



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8/17/2009	DATE
RCE 43130 EXP. 3/31/10	DATE
MATTHEW K. VOVILLA	REVISIONS

IMPROVEMENT & GRADING NOTES
FREMONT ELEMENTARY
607 TEXAS STREET
BAKERSFIELD, CALIFORNIA

JOB NO.:	09-389
DWG NO.:	09-389-BM03
DATE:	08/17/2009
DRAWN BY:	ADK
CHECKED BY:	MKV
SHEET	3
OF 9 SHEETS	