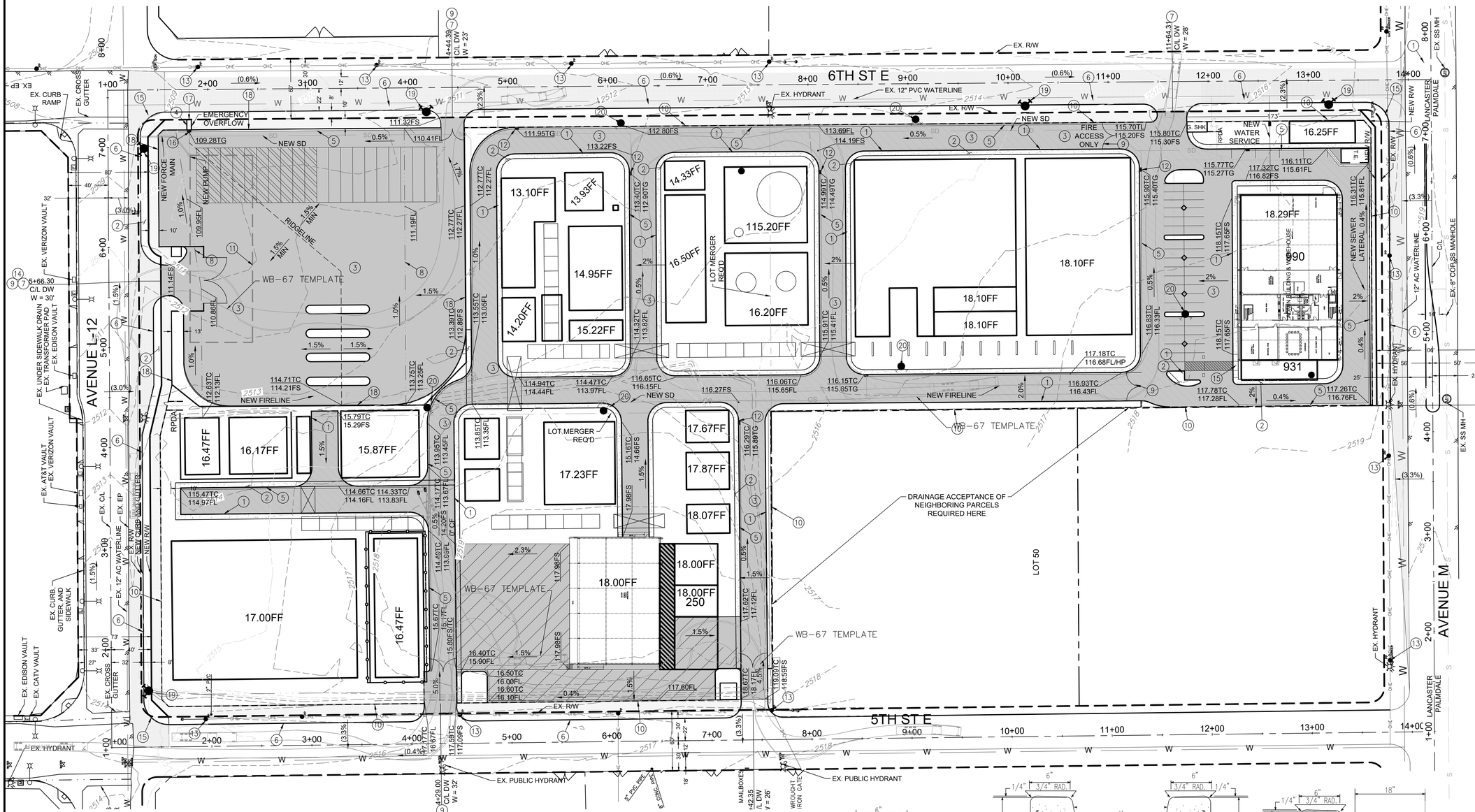
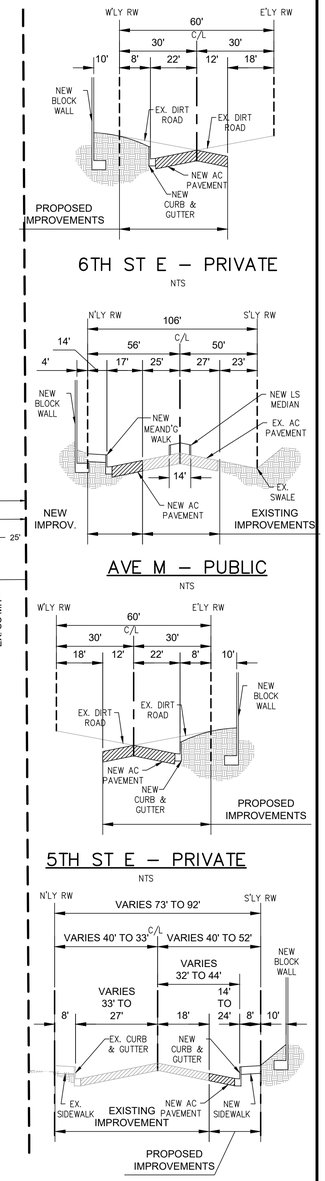


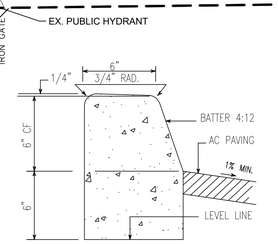


SUMMARY OF EARTHWORK QUANTITIES

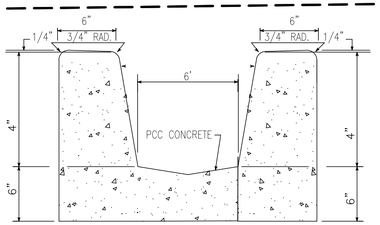
ITEM	A CUT/CUBIC YDS..	B FILL/CUBIC YDS.
1. LAND DEVELOPMENT PROGRAM FOR PURE VOLUME (RAW)	18,561	8,500
2. SUBSIDENCE LOSS - 0.04' (582,881* 0.04 / 27)		864
3. OVEREXCAVATION - PAD (144,000 * 5 / 27)	26,667	26,667
4. OVEREXCAVATION - ROAD (217,200 * 2 / 27)	16,089	16,089
5. SUBTOTALS	61,317	52,119
6. SHRINKAGE @ 15% (52,119/ 0.85 - 52,119)		9,197
7. TOTALS	61,317	61,317
8. BALANCED ON SITE		

CONSTRUCTION NOTES

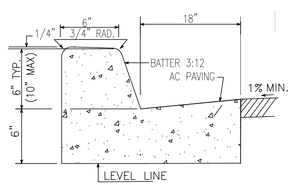
1. CONSTRUCT 6" PCC CURB PER SPPWC STD 120-3 A1-6 SEE DETAIL 'A' HEREON
2. CONSTRUCT 4" THICK 2000 PSI PCC CONCRETE WALKWAY (2% MAX SLOPE IN ALL DIRECTIONS)
3. CONSTRUCT AC PAVING PER SOILS REPORT
4. CONSTRUCT CONCRETE CHANNEL PER DETAIL 'B' HEREON
5. CONSTRUCT 6" CURB AND GUTTER PER SPPWC STD 120-2 (A2-6) SEE DETAIL 'C' HEREON
6. CONSTRUCT 8" CURB AND GUTTER PER SPPWC STD 120-2 A1-8
7. CONSTRUCT 6" THICK PCC COMMERCIAL DRIVEWAY PER SPPWC STD 110-1 TYPE C
8. CONSTRUCT ASPHALT SWALE
9. INSTALL GATE PER ARCHITECTURAL PLANS
10. CONSTRUCT CMU WALL, HEIGHT PER ARCHITECTURAL PLANS
11. INSTALL PRIVATE ON-SITE ADS UNDERGROUND DETENTION SYSTEM SIZED PER FINAL HYDROLOGY STUDY
12. INSTALL 24"x48" JENSEN PRECAST CATCH BASIN WITH FLOGARD INSERTS
13. UNDERGROUND EXISTING POWERPOLES AS REQUIRED
14. CONSTRUCT ADA WALKAROUND
15. CONSTRUCT ADA RAMP PER SPPWC STD 111-5 AND DEDICATE CORNER CUT-OFF
16. INSTALL 36"x72" JENSEN PRECAST CATCH BASIN WITH FLOGARD INSERT
17. INSTALL 6' WIDE, 1 BLOCK TALL OPENING IN WALL 0.3' FROM FINISHED SURFACE WITH RODENT GUARD ON BOTH SIDES
18. INSTALL NEW FIRE RATED BLOCK WALL PER ARCHITECTURAL PLANS
19. INSTALL NEW PUBLIC HYDRANT PER PUBLIC WATER PLANS
20. INSTALL NEW PRIVATE HYDRANT PER FIRELINE PLANS



A 6" PCC CURB TYP.
PER SPPWC STD 120-3 A1-6



B CONCRETE DRAINAGE CHANNEL
DETAIL NOT TO SCALE



C 6" PCC CURB & GUTTER TYP.
PER SPPWC STD. PLAN 120-2 TYPE A2-6(150)

Underground Service Alert
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CITY OF LANCASTER
CONCEPTUAL GRADING
SGH2 HYDROGEN FACILITY
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LANCASTER, CA 93535

SCALE: PER PLAN
DESIGNED: ZP
DRAWN: ZP
CHECKED: RD
SHEET: **C1.01**
Project No.: 22075
SHEET NO. **1 OF 1**