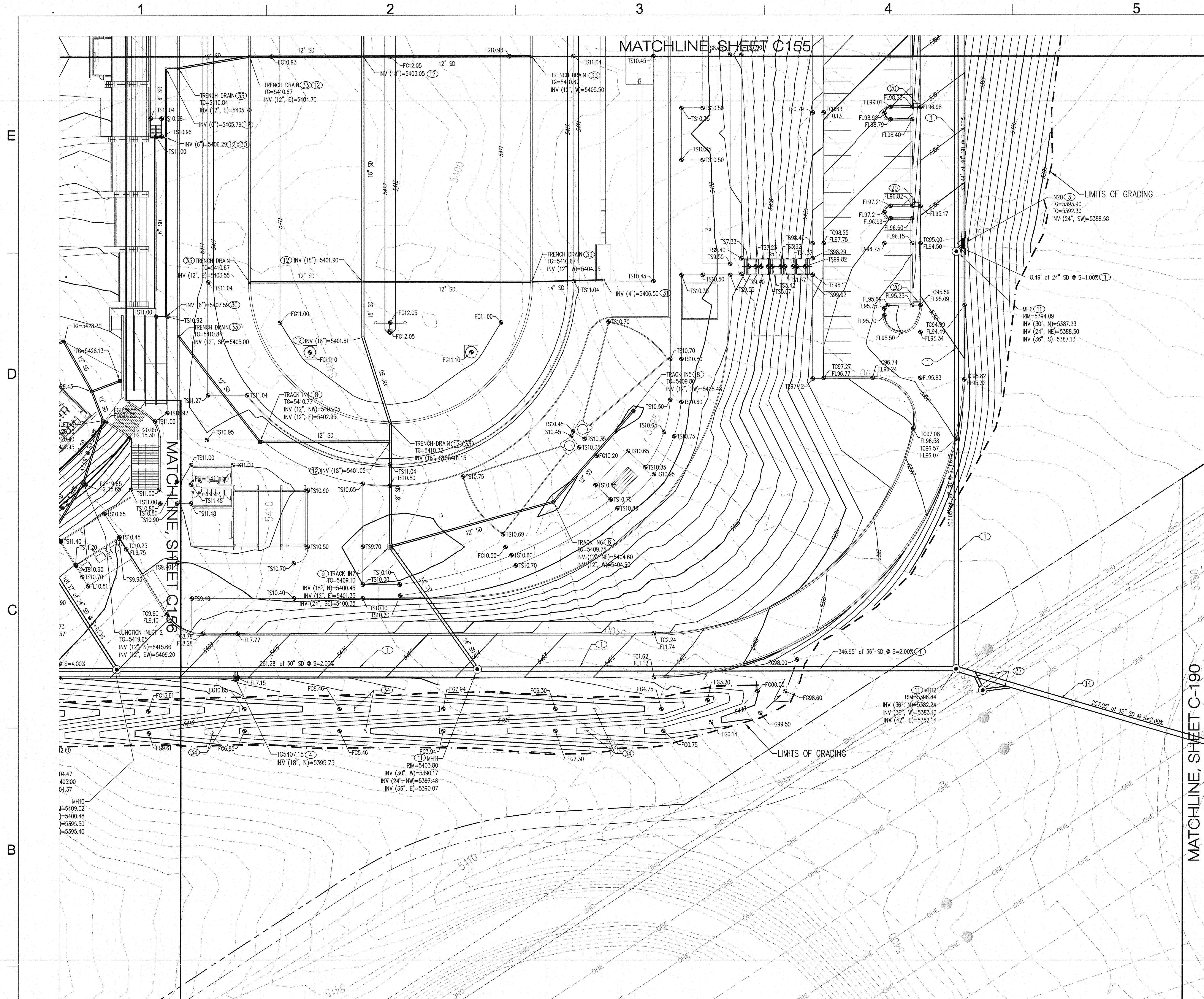




(A1) GRADING PLAN

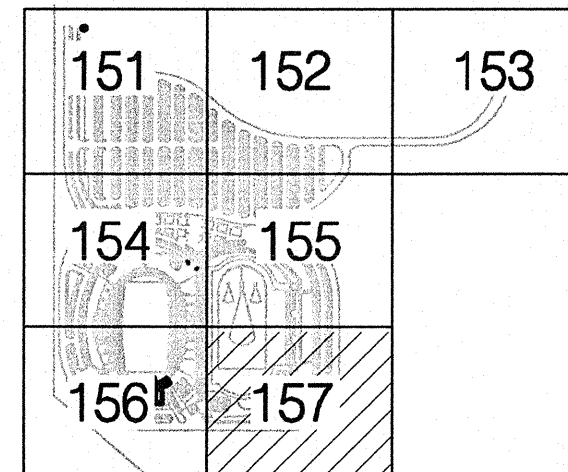
1"=30'-0"

NOTE: THE SCOPE OF WORK RELATED TO GRADING THE SOCCER FIELD INCLUDES SETTING SUB-GRADE ELEVATIONS FOR THE NATURAL TURF FIELD TO BE CONSTRUCTED BY THE APS ON-CALL LANDSCAPE CONTRACTOR. SUBGRADE FOR THE TURF AREA SHALL BE LEFT 2" BELOW THE FINISHED GRADE INDICATED ON THE GRADING AND DRAINAGE PLAN. UPON COMPLETION OF FINAL GRADING OPERATIONS THE SUBGRADE SHALL BE BROUGHT TO A FIRM EVEN SURFACE FREE FROM STONES OR LUMPS, AND SHAPED TO PROVIDE DRAINAGE. THE CONTRACTOR SHALL PROVIDE WRITTEN CERTIFICATION (HARD COPY) PREPARED BY A LICENSED SURVEYOR THAT THE FINAL FINISH GRADE OF THE SOCCER FIELD IS IN COMPLIANCE WITH THE GRADING PLAN. THE CERTIFICATION SURVEY SHALL BE PERFORMED NO SOONER THAN 10 DAYS PRIOR TO FINAL ACCEPTANCE OF THE FIELD BY THE OWNER. THE FINAL FINISH SUBGRADE OF THE SOCCER FIELD SHALL BE ACCEPTABLE WHEN THERE ARE NO VARIATIONS IN GRADE THAT CREATE HIGH SPOTS OR LOW SPOTS IN EXCESS OF 0.1' IN A DIAMETER OF 25 FEET.

CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING FINISH SUBGRADE FOR PURPOSED TURF AREA INSIDE OF TRACK. GRADES SHOWN ON PLANS ARE FINISHED TURF GRADES. CONTRACTOR SHALL LEAVE 2" BELOW FINISHED TURF GRADES SHOWN.

THE OWNER'S "ON-CALL LANDSCAPE CONTRACTOR" WILL BE RESPONSIBLE FOR CONSTRUCTING THE TURF IRRIGATION, SOIL PREPARATION AND INSTALLATION OF SOD. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH AND SCHEDULING THE WORK OF THE OWNER'S "ON-CALL LANDSCAPE CONTRACTOR". THE OWNER'S "ON-CALL LANDSCAPE CONTRACTOR" SHALL HAVE ACCESS TO THE SITE AND THE PROPOSED TURF FIELD A MINIMUM OF THIRTY (30) DAYS PRIOR TO FINAL COMPLETION OF CONTRACT.

CONTRACTOR SHALL HAVE ALL WORK RELATED TO GRADING OF PURPOSED TURF FIELD AND CONSTRUCTION OF TRACK COMPLETED A MINIMUM OF THIRTY (30) DAYS PRIOR TO FINAL COMPLETION OF CONTRACT.



(A4) KEY PLAN - BID LOT 2

NOT TO SCALE

GRADING KEYED NOTES

1. INSTALL SD PIPE; HDPE N-12WT OR APPROVED EQUAL. SIZES PER PLAN.
2. INSTALL SINGLE COA TYPE 'A' STORM DRAIN INLET PER COA STD DWG 2201.
3. INSTALL DOUBLE COA TYPE 'A' STORM DRAIN INLET WITH DOUBLE WINGS PER COA STD DWG 2205.
4. INSTALL SINGLE COA TYPE 'C' STORM DRAIN INLET PER COA STD DWG 2205.
5. INSTALL COA TYPE 'D' STORM DRAIN INLET (OR APPROVED EQUAL) PER COA STD DWG 2206.
6. INSTALL DOUBLE COA TYPE 'D' STORM DRAIN INLET (OR APPROVED EQUAL) PER COA STD DWG 2206.
7. INSTALL 12" NYLOPLAST (OR APPROVED EQUAL) STORM BASIN INLET STRUCTURE W/ PEDESTRIAN RATED GRATE.
8. INSTALL 24" NYLOPLAST (OR APPROVED EQUAL) STORM BASIN INLET STRUCTURE W/ PEDESTRIAN RATED GRATE.
9. INSTALL 30" NYLOPLAST (OR APPROVED EQUAL) STORM BASIN INLET STRUCTURE W/ PEDESTRIAN RATED GRATE.
10. INSTALL 4" STORM DRAIN MANHOLE PER COA STD DWG 2102.
11. INSTALL 6" STORM DRAIN MANHOLE PER COA STD DWG 2102.
12. INSTALL PREFABRICATED DRAINAGE FITTING.
13. INSTALL CMP END SECTION (CONTECH OR APPROVED EQUAL). SEE PLANS FOR SIZES. INSTALL WITH 2' CUT-OFF WALL PER DETAIL C1, SHEET C-193.
14. INSTALL SD PIPE; RCP III OR APPROVED EQUAL. SIZES PER PLAN.
15. INSTALL 2' CUT-OFF WALL PER DETAIL B1, SHEET C-193.
16. DESIGNATED WATER QUALITY FEATURE AREA. SEE LANDSCAPE PLANS FOR EROSION PROTECTION AND DETAILS.
17. INSTALL 2' CURB OPENING PER DETAIL A1, SHEET C-193.
18. INSTALL 24"x24" PEDESTRIAN RATED GRATE AT UPSTREAM END OF SIDEWALK CULVERT. CONTRACTOR SHALL VERIFY ROOF DRAINS FALL WITHIN GRATE OPENING.
19. INSTALL SINGLE 24" SIDEWALK CULVERT PER COA STD DWG 2236.
20. INSTALL CONCRETE RIBBON CHANNEL PER DETAIL E1, SHEET C-193.
21. INSTALL RIP RAP/BASALT BLANKET (DIMENSIONS PER PLAN) PER DETAIL D1, SHEET C-193.
22. CONNECT TO FIELD DRAINAGE PIPE. SEE LANDSCAPE PLAN FOR CONTINUATION AND DETAILS.
23. CONSTRUCT RETAINING WALL PER STRUCTURAL PLANS, SHEET S-601.
24. INSTALL 6" WEEP HOLE, INVERT TO MATCH FINISHED GRADE.
25. SLOPE PROTECTION; SEE LANDSCAPE PLANS FOR DETAILS.
26. SEE LANDSCAPE PLAN & DETAIL B1/CA504 FOR FINISHED GRADE DETAILS WITHIN PLANTERS.
27. SEE LANDSCAPE PLAN FOR PLAYING FIELD DRAINAGE SYSTEM DETAILS, SHEET LS101.
28. SEE ARCHITECTURAL PLAN FOR FOOTBALL FIELD TRENCH DRAIN DETAILS, SHEET CA504.
29. CONNECT TO FOOTBALL STADIUM GRANDSTAND TRENCH DRAIN. SEE ARCHITECTURE SHEETS AB112 & AB115 FOR CONTINUATION AND DETAILS.
30. CONNECT TO TRACK & FIELD STADIUM GRANDSTAND TRENCH DRAIN. SEE ARCHITECTURE SHEETS AB112, AB117, AB118, & AB119 FOR CONTINUATION AND DETAILS.
31. CONNECT TO FIELD DRAINAGE PIPE. SEE LANDSCAPE SHEET LS101 FOR CONTINUATION AND DETAILS.
32. CONNECT TO FOOTBALL FIELD TRENCH DRAIN. SEE ARCHITECTURAL SHEET CA504 FOR CONTINUATION AND DETAILS.
33. CONNECT TO TRACK & FIELD TRENCH DRAIN. SEE LANDSCAPE SHEET LS152 & LS501 FOR CONTINUATION AND DETAILS.
34. INSTALL EARTHEN DIVERSION BERM PER DETAIL A3, SHEET C-193.
35. INSTALL RCP END SECTION.
36. INSTALL RIP-RAP EROSION CONTROL PER DETAIL, SHEET C-190. SEE PLAN FOR DIMENSIONS.
37. INSTALL 6" WATER QUALITY MANHOLE PER AMAFCA STD DTL 301 & 302, SHEET C-193.

LEGEND

- PROPERTY LINE
- PROJECT LIMITS OF GRADING
- EXISTING INDEX CONTOUR
- EXISTING INTERMEDIATE CONTOUR
- EXISTING GROUND ELEVATION
- PROPOSED GROUND ELEVATION
- FL=FLOW LINE, TC=TOP OF CURB
- TS=TOP OF SIDEWALK, TG=TOP OF GRATE, FGH=FINISH GROUND HIGH SIDE, FGL=FINISH GROUND LOW SIDE
- DIRECTION OF FLOW
- GRADE BREAK/WATER BLOCK
- PROPOSED INDEX CONTOUR
- PROPOSED INTERMEDIATE CONTOUR
- PROPOSED CURB & GUTTER
- PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLETS

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NW
ALBUQUERQUE, NM

NO	DATE	DESCRIPTION
1	12/20/2011	INCLUDES REVISIONS ISSUED WITH ADDENDUMS 1 & 4
DATE:	DECEMBER 20, 2011	
PROJECT #:	11009	
DRAWN BY:	BHW	
CHD BY:	JLM	

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SHEET TITLE

BID LOT 2
GRADING PLAN

C-157
SHEET
OF