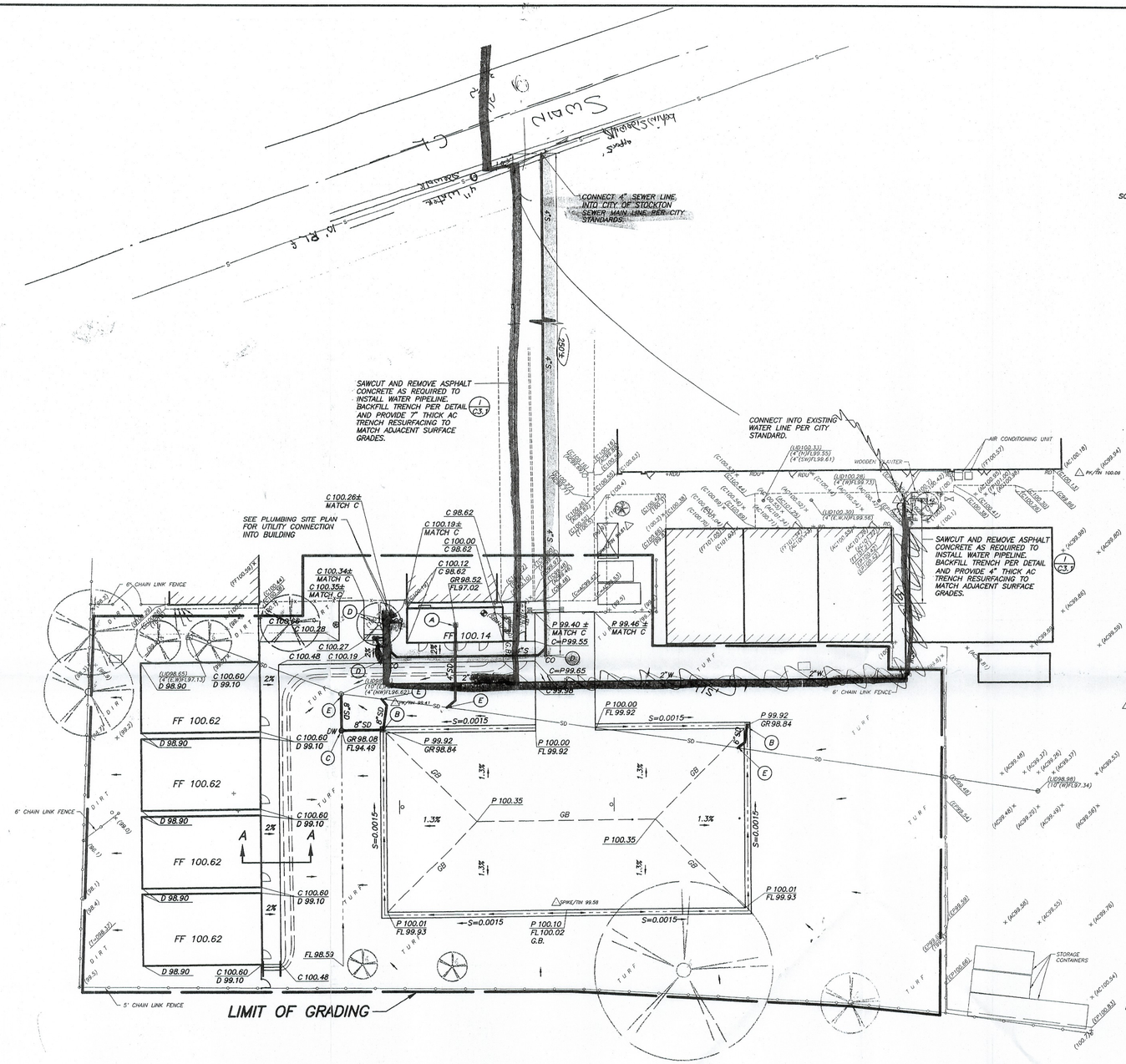
EP.06.245



GRADING AND UTILITY PLAN LEGEND:

(A)	FURNISH AND INSTALL P-6 DURADRAIN PER DETAIL (D/C3.1).
(B)	FURNISH AND INSTALL P-6 DURA DRAIN WITH ADA GRATE PER DETAIL (D/C3.1).
(C)	FURNISH AND INSTALL DRAIN WELL PER DETAIL (E/C3.1).
(D)	FURNISH AND INSTALL CLEANOUT PER DETAIL (G/C3.1).
(E)	CONNECT TO EXISTING STORM DRAIN INLET OR PIPELINE SYSTEM.
8"SD	NEW STORM DRAIN PIPE, SIZE AS NOTED. BACKFILL TRENCH PER DETAIL (1/C3.1).
4"S	FURNISH AND INSTALL PVC, SDR-35 SEWER LINE, SIZE AND SLOPE AS NOTED BACKFILL TRENCH PER DETAIL (1/C3.1).
2"W	FURNISH AND INSTALL PVC, C-900, CLASS 150 WATER LINE, SIZE AS NOTED BACKFILL TRENCH PER DETAIL (1/C3.1).
DW	DRAIN WELL
CO	CLEANOUT
354.28	FINISHED GRADE
(350.45)	EXISTING GRADE
C	CONCRETE
D	DIRT
FL	FLOWLINE
GB	GRADE BREAK
GR	GRATE OF DRAIN INLET
P	PAVEMENT
T	TURF
2%	SLOPE AND DIRECTION OF DRAINAGE
S=0.0020	SLOPE AND DIRECTION OF FLOWLINE
	DIRECTION OF DRAINAGE
	FLOWLINE AND DIRECTION OF FLOW
G.B.	GRADE BREAK
	LIMITS OF GRADING
	STREET SECTION LINE
	RIGHT OF WAY LINE

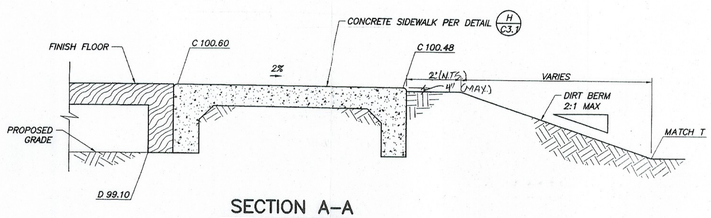
GRADING NOTES:

1. ALL STORM DRAINAGE PIPELINES SHALL BE PVC SDR-35 SEWER PIPES. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY FITTINGS FOR PVC PIPELINE.

SEWER AND WATER NOTES:

1. ALL SEWER AND WATER PIPELINE TRENCHES SHALL BE BACKFILLED PER DETAIL (1/C3.1).
2. THE LOCATIONS SHOWN FOR THE SEWER AND WATER CONNECTIONS TO THE NEW BUILDINGS ARE APPROXIMATE. VERIFY WITH THE ARCHITECT'S PLUMBING PLANS.
3. THRUST BLOCKS SHALL BE INSTALLED AT ALL WATER LINE ANGLE POINTS, TEES, ELBOWS, AND AT VALVES PER DETAIL (M/C3.1).
4. FURNISH AND INSTALL TRACER WIRES FOR ALL SEWER AND WATER PIPELINES.
5. AS A FIRST ORDER OF WORK, THE CONTRACTOR SHALL POT HOLE, LOCATE AND PROVIDE TO THE ENGINEER THE FLOWLINE ELEVATION OF THE NEW SEWER POINT OF CONNECTION SO THAT THE ENGINEER CAN MAKE ANY ADJUSTMENTS IF NECESSARY.

SEWER PIPELINE SLOPE	
SIZE	SLOPE (MIN.)
4"	0.010



SECTION A-A

NOT TO SCALE

McCANDLESS CENTER
GRADING AND UTILITY PLAN

SCALE: 1" = 20'

REGISTERED PROFESSIONAL ENGINEER
ALAN K. MOAK
EXP. 3/31/08
No. 42,618
CIVIL
STATE OF CALIFORNIA

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McCANDLESS CENTER RELOCATABLES
LINCOLN UNIFIED SCHOOL DISTRICT
STOCKTON, CALIFORNIA

Date: 5/30/06
Drawn By:
Revisions:

GRADING AND DRAINAGE PLAN

Project No: **200307.68**

Sheet No: **C2.1** of 4

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