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IDENTIFICATION STAMP
DIVISION OF STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL. #: 02-112027
FILE #: 15-6
AC: FLS SS
DATE: _____
PTN #: 63321-112

NEW ELEMENTARY SCHOOL
9801 HIGHLAND KNOLLS DR
BAKERSFIELD, CALIFORNIA 93306

NEW MIDDLE SCHOOL
4115 VINELAND ROAD
BAKERSFIELD, CALIFORNIA 93306

FOR:
BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER STREET
BAKERSFIELD, CALIFORNIA 93305

MARK	DATE	DESCRIPTION
▲	02-14-12	Addendum 1
▲	05-16-12	Addendum 2
▲	05-29-12	Addendum 4
▲	06-19-12	APR #10

JOB NUMBER:
200101244
CAD DRAWING FILE:
10021GP01
DRAWN BY:
SLU
CHECKED BY:
RRJ
CHECK AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK. REPORT DISCREPANCIES TO THE ARCHITECT. THE DRAWINGS, IDEAS, AND DESIGN REPRESENTED ON THIS SHEET ARE THE PROPERTY OF THE ARCHITECT.
ORDIZ-MELBY ARCHITECTS, INC. 2000
SHEET TITLE

UTILITY PLAN
SHEET IDENTIFICATION NUMBER
C7
SHEET OF

LEGEND:

ABBREVIATIONS:
EX EXISTING
TYP TYPICAL
C CENTERLINE
CONC CONCRETE
AC ASPHALT CONCRETE
O.H. OVERHEAD
L.S. LANDSCAPE
EG EXISTING GROUND
TC TOP OF CURB
G.B. GRADE BREAK
RAD. RADIAL
TP TOP OF PAVEMENT
FP FINISHED FLOOR
FF FINISH GRADE
FC FINISH CONCRETE
EP EDGE OF PAVEMENT
FL FLOWLINE
DW DOMESTIC WATER
FW FIRE WATER
W WIRING WATER
UR URINAL
SS SANITARY SEWER
SWS LATERAL SEWER
W-WAY WALKWAY
C.E.R.S. CONNECT TO ROOF DRAIN SYSTEM
P.A. PLANTER'S AREA
T.M. TOP OF MANHOLE
T.C. TOP OF CLEANOUT
S.E.R.D. SEWER/RAIN INVERT ELEV.
I.D.E. INVERT ELEVATION
P.S. PIPE SIZE
DRAIN LINE IDENTIFICATION
DRAIN DIRECTION
DRAIN LINE NO. (SEE TABLE)
BUILDING DESIGNATION

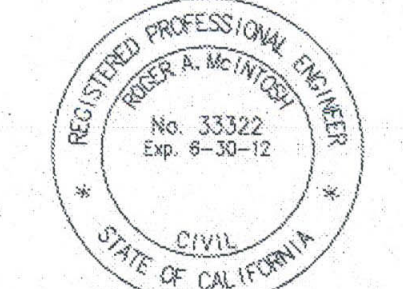
PROPOSED CURB
PROPOSED CURB AND GUTTER
PROPOSED STORM DRAIN LINE
PROPOSED SEWER LINE
PROPOSED WATER LINE
PROJECT BOUNDARY
GRADE BREAK
PROPOSED SHALE LINE
EXISTING STORM DRAIN LINE
TRAFFIC SIGN
PROPOSED SEWER MANHOLE
PROPOSED SEWER CLEANOUT
PROPOSED STORM DRAIN MANHOLE
CONSTRUCTION NOTES
SURFACE SLOPE
WATER VALVE W/ SIZE
TRUST BLOCK-SEE SHEET C11

SECTION DESIGNATION:
SECTION LETTER
SHEET WHERE SECTION IS SHOWN

- CONSTRUCTION NOTES:**
- LIGHT TRAFFIC PAVEMENT TO BE 2.5" A.C. OVER 9.0" C.I. II AGG. BASE WITH 95% COMPACTION OVER 12.0" COMPACTED SUBGRADE @ 0.90% BASED ON ASTM D1557 OR CAL 216.
 - HEAVY TRAFFIC PAVEMENT TO BE 4.0" A.C. OVER 15.5" C.I. II AGG. BASE WITH 95% COMPACTION OVER 12.0" COMPACTED SUBGRADE @ 0.90% BASED ON ASTM D1557 OR CAL 216.
 - INSTALL POLYCAST 600 SERIES TROUGH DRAIN WITH DOUBLE GALVANIZED STEEL SLOTTED GRATE OR APPROVED EQUAL.
 - INSTALL STORM DRAIN MANHOLE PER CITY OF BAKERSFIELD STD. DETAIL D-18 MODIFIED TO ACCOMMODATE 60" DIAMETER BARREL FOR FRAME AND COVER. SEE CITY OF BAKERSFIELD STD. DETAIL SW-5. ADJUST COVER TO FINISHED GRADE.
 - INSTALL 60" STORM DRAIN MANHOLE WITH ALHAMBRA FOUNDRY GOVERNMENT TYPE "A" GRATE AND FRAME PLATE A 1200 OR APPROVED EQUAL.
 - REMOVED PLUG, CUT OFF 5' FROM END OF EXISTING 42" DRAIN AND INSTALL 60" DIAMETER MANHOLE WITH ALHAMBRA FOUNDRY TOWEDRATER GRATING AND FRAME PLATE A 1212 OR APPROVED EQUAL WITH 6' x 6' CONCRETE APRON.
 - CONSTRUCT COMMERCIAL DRIVEWAY PER C.O.B. STD. DETAIL ST-2.
 - FLATTEN GUTTER PAN.
 - TRANSITION 6" CURB TO 0" CURB.
 - INSTALL 6" CONCRETE WHEEL STOP UNLESS NOTED OTHERWISE.
 - INSTALL 4" CONCRETE WHEEL STOP TO AVOID DRAIN INLET CONCRETE APRON.

STORM DRAIN PIPE TABLE				STORM DRAIN PIPE TABLE			
LINE	SIZE*	LENGTH	SLOPE	LINE	SIZE*	LENGTH	SLOPE
A1	4"	±21'	C.T.R.D.S.	G1	4"	±9'	C.T.R.D.S.
A2	4"	±24'	C.T.R.D.S.	G2	4"	±22'	C.T.R.D.S.
A3	4"	±24'	C.T.R.D.S.	G3	4"	±17'	C.T.R.D.S.
A4	6"	38'	@ 0.50%	G4	4"	±15'	C.T.R.D.S.
A5	6"	34'	@ 0.51%	G5	4"	±15'	C.T.R.D.S.
A6	4"	±19'	C.T.R.D.S.	G6	4"	±15'	C.T.R.D.S.
A7	8"	62'	@ 0.50%	H1	4"	±19'	C.T.R.D.S.
A8	6"	24'	@ 1.43%	H2	4"	±4'	C.T.R.D.S.
A9	4"	±10'	C.T.R.D.S.	H3	4"	±23'	C.T.R.D.S.
A10	4"	±10'	C.T.R.D.S.	H4	4"	±6'	C.T.R.D.S.
A11	4"	±10'	C.T.R.D.S.	H5	4"	±8'	C.T.R.D.S.
A12	4"	±15'	C.T.R.D.S.	H6	6"	6'	@ 36.9%
A13	4"	±5'	C.T.R.D.S.	H6			CONNECT TO TROUGH DRAIN
A14	4"	±5'	C.T.R.D.S.	H7	4"	±15'	C.T.R.D.S.
A15	4"	±22'	C.T.R.D.S.	H8	4"	±32'	C.T.R.D.S.
A16	4"	±9'	C.T.R.D.S.	J1	4"	±3'	C.T.R.D.S.
A17	4"	±28'	C.T.R.D.S.	J2	4"	±35'	C.T.R.D.S.
A18	4"	±43'	C.T.R.D.S.	K1	4"	±30'	C.T.R.D.S.
A19	4"	±49'	C.T.R.D.S.	L1	4"	±6'	C.T.R.D.S.
A20	4"	±64'	C.T.R.D.S.	L2	4"	±4'	C.T.R.D.S.
A21	4"	±79'	C.T.R.D.S.	L3	4"	±9'	C.T.R.D.S.
A22	4"	±21'	C.T.R.D.S.	L4	4"	±17'	C.T.R.D.S.
A23	4"	±31'	C.T.R.D.S.	L5	4"	±9'	C.T.R.D.S.
A24	4"	±37'	C.T.R.D.S.	L6	4"	±14'	C.T.R.D.S.
A25	4"	±37'	C.T.R.D.S.	L7	6"	26'	@ 1.05%
B1	4"	±8'	C.T.R.D.S.	L8	6"	27'	@ 1.00%
B2	4"	±7'	C.T.R.D.S.	L9	6"	50'	@ 2.39%
B3	4"	±34'	C.T.R.D.S.	L10	8"	32'	@ 7.20%
B4	4"	±22'	C.T.R.D.S.	L11	6"	27'	@ 1.00%
B5	4"	±12'	C.T.R.D.S.	M1	4"	±4'	C.T.R.D.S.
B6	4"	±12'	C.T.R.D.S.	M2	4"	±3'	C.T.R.D.S.
B7	4"	±9'	@ 2.29%	M3	4"	±3'	C.T.R.D.S.
B8	6"	57'	@ 0.93%	M4	4"	±10'	C.T.R.D.S.
B9	8"	34'	@ 0.29%	M5	4"	±10'	C.T.R.D.S.
B10	12"	25'	@ 2.73%	M6	4"	±10'	C.T.R.D.S.
C1	4"	±9'	C.T.R.D.S.	M7	4"	±5'	C.T.R.D.S.
C2	4"	±9'	C.T.R.D.S.	M8	6"	52'	@ 2.29%
C3	4"	±9'	C.T.R.D.S.	M9	4"	±10'	C.T.R.D.S.
C4	4"	±8'	C.T.R.D.S.	N1	8"	42'	@ 0.19%
C5	4"	±8'	C.T.R.D.S.	N2	4"	±39'	C.T.R.D.S.
C6	4"	±8'	C.T.R.D.S.	N3	4"	±39'	C.T.R.D.S.
D1			NOT USED	N4	4"	±39'	C.T.R.D.S.
D2	8"	33'	@ 1.56%	N5	4"	±39'	C.T.R.D.S.
D3	6"	4'	@ 24.85%	N6	4"	±28'	C.T.R.D.S.
D4			CONNECT TO TROUGH DRAIN	N8	4"	±28'	C.T.R.D.S.
D5	4"	±10'	C.T.R.D.S.	N9	4"	±28'	C.T.R.D.S.
D6	4"	±10'	C.T.R.D.S.	P1	10"	31'	@ 0.55%
D7	4"	±10'	C.T.R.D.S.	P1A	10"	21'	@ 6.38%
D8	4"	±31'	C.T.R.D.S.	P2	10"	109'	@ 0.61%
D9	4"	±31'	C.T.R.D.S.	P3	10"	72'	@ 1.04%
D10	4"	±31'	C.T.R.D.S.	P4	10"	72'	@ 1.06%
D11	8"	6'	@ 55.20%	P5	10"	73'	@ 1.03%
E1	4"	±11'	C.T.R.D.S.	P6	4"	±22'	C.T.R.D.S.
E2	4"	±11'	C.T.R.D.S.	P7	4"	±22'	C.T.R.D.S.
E3	4"	±11'	C.T.R.D.S.	P8	4"	±22'	C.T.R.D.S.
E4	18"	35'	@ 0.32%	P9	4"	±22'	C.T.R.D.S.
E5	4"	±29'	C.T.R.D.S.	P10	4"	±8'	C.T.R.D.S.
E6	4"	±29'	C.T.R.D.S.	P11	4"	±8'	C.T.R.D.S.
E7	4"	±29'	C.T.R.D.S.	P12	4"	±8'	C.T.R.D.S.
E8	4"	±29'	C.T.R.D.S.	P13	4"	±8'	C.T.R.D.S.
F1	6"	10'	@ 16.61%	Q1	4"	±24'	C.T.R.D.S.
F2	4"	±12'	C.T.R.D.S.	Q2	4"	±22'	C.T.R.D.S.
F3	4"	±12'	C.T.R.D.S.	R1	4"	±25'	C.T.R.D.S.
F4	4"	±12'	C.T.R.D.S.	R2	4"	±22'	C.T.R.D.S.
F5	4"	±10'	C.T.R.D.S.				
F6	4"	±10'	C.T.R.D.S.				
F7	4"	±10'	C.T.R.D.S.				
F8			NOT USED				

*ALL 18" AND SMALLER STORM DRAIN LINE SHALL BE SDR35 PVC. LARGER THAN 18" SHALL BE RGJ-RCP.



DATE: _____
SCALE: 1" = 30'
10'-0" 15' 0" 30' 0" 45' 0" 60' 0"

