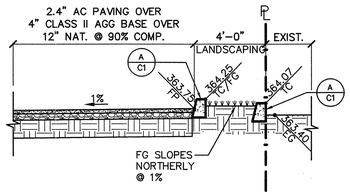
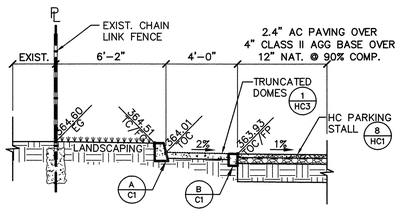
CITY OF BAKERSFIELD
CALIFORNIA
GRADING PLAN FOR
6107 WOODMERE DR.



SECTION "2"

SCALE: 1/4" = 1'

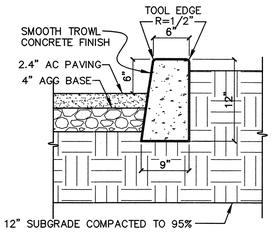


SECTION "1"

SCALE: 1/4" = 1'

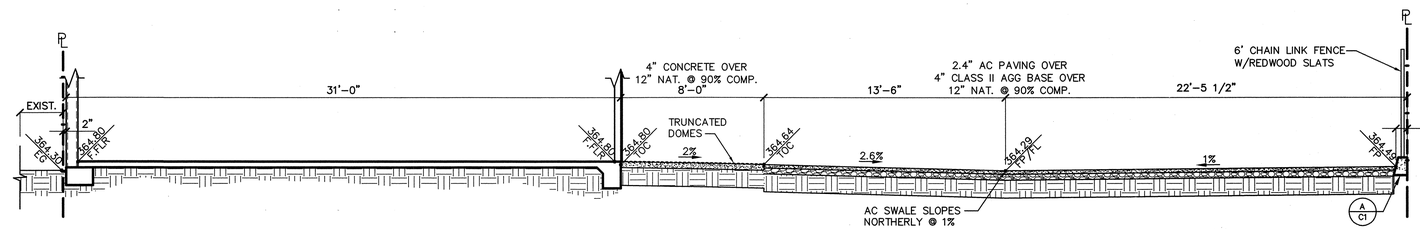
NOTE:
CLASS B CONCRETE (5 SACK)
PROVIDE WEAKENED PLANE CONTROLL JOINT@ 10'-0" o.c. & @ START / FINISH OF ALL RADIUS / WALKS / DIRECTION CHANGES.

FLUSH CURB NTS



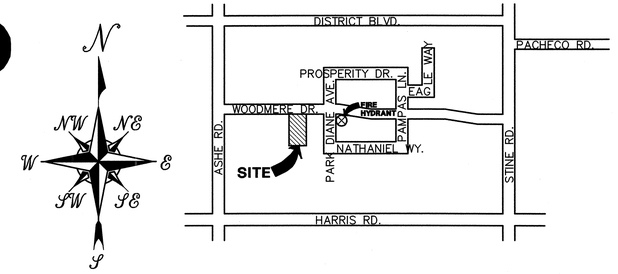
NOTE:
CLASS "B" CONC. (5 SACK) EXPANSION JOINTS EA. 30' WEAKENED PLANE JTS. EA. 15'

A 6" CURB 1"



SECTION "3"

SCALE: 1/4" = 1'



VICINITY MAP

SCALE: NTS

OWNER:
DIANE MIRONOWSKI

PROJECT ACREAGE:
0.22 ACRES

BENCHMARK

CHISELED "O" ON THE TOP OF CURB ON THE WEST END OF THE SOUTHWEST CURB RETURN OF THE INTERSECTION OF ASHE RD. AND DISTRICT BLVD.
USGS ELEVATION = 365.310 FEET

LEGAL DESCRIPTION

APN: 499-582-24
LOT 32 PARCEL MAP 10606-1

☒ CONNECT TO SEWER

☐ PROVIDE SEPTIC SYSTEM PER GOVERNING AGENCY STDS VERIFY SOIL TYPE

PROVIDE BLDG PAD ADEQUATELY PREPARED FOR ITS INTENDED USE

KEY:

FL – FLOW LINE
CL – CENTER LINE
PL – PROPERTY LINE
CF – CURB FACE
TC – TOP OF CURB
TOC – TOP OF CONCRETE
FC – FINISH CONCRETE
FP – FINISH PAVING
TOG – TOP OF GRATE
TOD – TOP OF DRAIN
TOP – TOP OF PAVEMENT
EOP – EDGE OF PAVEMENT
BOS – BOTTOM OF SUMP
MATCH – MATCH EX. GRADE
BOW – BACK OF SIDEWALK
FG – FINAL GRADE
EG – EXISTING GRADE
DA – DRIVE APPROACH
SWL – SWALE
G.B. – GRADE BREAK
TOS – TOP OF SUMP
HWL – HIGH WATER LEVEL
BTM – BOTTOM OF SUMP
INV. – INVERT
▨ – LANDSCAPING

AVOID CUTTING UNDERGROUND UTILITY LINES. ITS COSTLY

T CALL BEFORE YOU DIG

1-800-642-2444 NORTH AREA
1-800-422-4133 SOUTH AREA

UNDERGROUND SERVICE ALERT (USA)

SHEET INDEX:

SPR NO.:
12-0081

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

AN OPEN STREET PERMIT SHALL BE OBTAINED FROM THE CITY OF BAKERSFIELD PUBLIC WORKS DEPARTMENT FOR ANY WORK PERFORMED WITHIN EXISTING ACCEPTED STREET RIGHT OF WAY. UNLESS SECURED BY A SUBDIVISION AGREEMENT, SECURITY BASED ON AN APPROVED ENGINEER'S ESTIMATE FOR THE WORK PERFORMED WITHIN RIGHT OF WAY AND INSURANCE AS REQUIRED SHALL BE PROVIDED PRIOR TO ISSUANCE OF A PERMIT.

THE LANDSCAPED AREAS ARE TO BE DESIGNED AND GRADED TO MINIMIZE EXCESS LANDSCAPE DRAINAGE ACROSS THE SIDEWALK FOR ANY AREAS OVER 2%.

GRADING NOTES FOR CITY OF BAKERSFIELD

1. ALL GRADING SHALL CONFORM WITH APPENDIX J – CALIFORNIA BUILDING CODE AND STANDARDS PERTAINING THEREOF AND PRELIMINARY SOILS REPORT BY **KRAZAN AND ASSOCIATES** DATED **NOVEMBER 25, 2003.**
2. ALL CUT AND/OR FILL SLOPES SHALL NOT BE STEEPER THAN TWO (2) HORIZONTAL TO ONE (1) VERTICAL.
3. ALL FILL SLOPES SHALL NOT CUT WITHIN TWELVE (12) FEET HORIZONTALLY OF THE TOP OF EXISTING AND/OR PLANNED SLOPES.
4. ALL FILL AREAS TO BE CLEARED OF ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FOR A STRUCTURE FILL AND THE AREA SCARIFIED TO A DEPTH OF SIX (6) INCHES.
5. FILL AREAS SLOPING STEEPER THAN FIVE TO ONE (5:1) SHALL BE KEYED AND BENCHED TO SUPPORT FILL.
6. FILL MATERIAL SHALL BE PLACED IN LAYERS NOT EXCEEDING SIX (6) INCHES IN COMPACTED THICKNESS AND COMPACTED AT OPTIMUM MOISTURE CONTENT BY AN APPROVED METHOD.
7. ENGINEER/BUIDING OFFICIAL WILL BE NOTIFIED FORTY–EIGHT (48) HOURS PRIOR TO PLACING ANY FILL MATERIAL.
8. ALL FILL TO BE COMPACTED TO A MINIMUM OF NINETY (90%) PERCENT MAXIMUM DENSITY AS DETERMINED BY APPROVED METHOD PER SECTION 3305 OF THE CURRENT CA. UBC AND CERTIFIED BY TESTS AND REPORTS FROM THE SOILS ENGINEER.
9. ALL SLOPES IN EXCESS OF THREE (3) FEET MINIMUM WIDTH AND ONE (1) FOOT MINIMUM DEPTH ARE REQUIRED AT TOP OF CUT SLOPES WHEN EXISTING TERRAIN SLOPES TOWARD TOP OF CUT.
10. DIVERTER TERRACES (SWALES) WITH THREE (3) FEET MINIMUM WIDTH AND ONE (1) FOOT MINIMUM DEPTH ARE REQUIRED AT TOP OF CUT SLOPES WHEN EXISTING TERRAIN SLOPES TOWARD TOP OF CUT.
11. BERMS OR DRAINAGE DEVICES ARE REQUIRED AT TOP OF ALL FILL SLOPES.
12. SURFACE DRAINAGE TO BE ONE (1%) PERCENT MINIMUM, EXCEPT AS WAIVED BY THE BUILDING OFFICIAL.
13. CONSTRUCTION OF DRY WELL FOR COLLECTION OF ON–SITE RUN–OFFS IS NOT ACCEPTABLE, HOWEVER OTHER MEANS OF ON–SITE COLLECTION MAY BE ALLOWED IF APPROVED BY THE BUILDING DIRECTOR.
14. GRADING WORK WILL BE SUPERVISED AS ENGINEERED GRADING IN ACCORDANCE WITH CHAPTER 33 OF THE CALIFORNIA BUILDING CODE.
15. THE FACES OF ALL CUT AND FILL SLOPES SHALL BE PLANTED WITH A GROUND COVER INDIGENOUS TO THE AREA.
16. THE DESIGN ENGINEER SHALL EXERCISE SUFFICIENT SUPERVISOR CONTROL DURING GRADING AND CONSTRUCTION TO INSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS AND CODE WITHIN HIS PURVIEW.
17. CUT= **100** YDS³ FILL= **300** YDS³ IMPORT= **200** YDS³ (YARDAGE FOR PERMIT PURPOSES ONLY.)

GRADING NOTES U.N.O.

1. AREAS TO RECEIVE COMPACTED SITE FILL OR TO SUPPORT FOUNDATIONS, SLABS OR PAVEMENTS SHALL BE STRIPPED OF ALL VEGETATION, DEBRIS OR DISTURBED SOILS. STRIPPING SHOULD BE REVIEWED BY THE PROJECT GEOTECHNICAL ENGINEER. ALL EXISTING FILL SOIL SHALL BE EXCAVATED UNLESS THE PROJECT GEOTECHNICAL ENGINEER SPECIFICALLY RECOMMENDS THAT SUCH FILL IS TO REMAIN IN PLACE. ANY EXPOSED SOFT, LOOSE, POROUS OR OTHERWISE UNSATISFACTORY SOILS SHALL THEN BE EXCAVATED TO THE DEPTHS INDICATED IN THE PLANS OR SPECIFICATIONS, OR BY THE PROJECT SOIL REPORT, OR GEOTECHNICAL ENGINEER. THE EXCAVATION OF EXISTING FILL OR OTHER UNSATISFACTORY SOILS SHALL EXTEND LATERALLY BEYOND THE LIMIT OF FOUNDATIONS, SLABS OR PAVEMENTS THE DISTANCE INDICATED IN THE SPECIFICATIONS OR PLANS, OR BY THE PROJECT GEOTECHNICAL ENGINEER. THE EXCAVATED AREAS SHALL BE OBSERVED BY THE PROJECT GEOTECHNICAL ENGINEER PRIOR TO PREPARING SUBGRADE AND PLACING COMPACTED FILL.
2. THE EXPOSED APPROVED NATURAL GROUND SURFACE SHALL THEN BE SCARIFIED TO A DEPTH OF AT LEAST SIX INCHES, BROUGHT TO OPTIMUM MOISTURE AS DIRECTED BY THE GEO–TECHNICAL ENGINEER, AND THEN COMPACTED TO AT LEAST 90 PERCENT OF THE MAXIMUM LABORATORY DENSITY AS DETERMINED BY THE ASTM COMPACTION METHOD DESCRIBED BELOW. WHERE FILL IS TO BE PLACED ON OR AGAINST SLOPING GROUND (STEEPER THAN 5:1), KEYING AND BENCHING INTO FIRM NATURAL GROUND SHALL BE PERFORMED AS THE COMPACTED FILL IS BROUGHT TO FINAL GRADE.
3. FILL, CONSISTING OF SOIL REVEIWED BY THE PROJECT GEOTECHNICAL ENGINEER, SHALL BE PLACED IN COMPACTED LAYERS WITH APPROPRIATE COMPACTION EQUIPMENT. ALL SITE & IMPORTED FILL SHALL BE REVIEWED BY THE PROJECT GEO–TECHNICAL ENGINEER PRIOR TO USE IN FILL AREAS. ROCKS LARGER THAN SIX INCHES IN DIAMETER SHALL NOT BE USED. THE MOISTURE CONTENT OF THE FILL SOILS SHALL BE BROUGHT TO OPTIMUM MOISTURE AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
4. FILL AND THE UPPER SIX INCHES OF THE SUBGRADE SHALL BE UNIFORMLY COMPACTED TO AT LEAST 90 PERCENT OF THE MAXIMUM LABORATORY DRY DENSITY FOR THE MATERIAL USED. THE MAXIMUM LABORATORY DRY DENSITY FOR SUCH SITUATIONS SHALL BE DETERMINED BY THE ASTM D1557–02E1 COMPACTION METHOD. CRUSHED GRAVEL MATERIAL SHALL BE COMPACTED TO LEAST 95 PERCENT OF THE MAXIMUM LABORATORY DRY DENSITY FOR THE MATERIAL USED. THE MAXIMUM DRY DENSITY FOR CRUSHED GRAVEL MATERIAL SHALL BE DETERMINED BY THE CALIFORNIA TEST NO. 216 COMPACTION METHOD. SUBGRADE COMPACTION TESTS SHALL BE PERFORMED IMMEDIATELY PRIOR TO PLACING CRUSHED GRAVEL MATERIAL.
5. OBSERVATIONS AND FIELD TESTS SHALL BE CARRIED ON DURING GRADING BY THE PROJECT GEOTECHNICAL ENGINEER TO CONFIRM THAT THE REQUIRED DEGREE OF COMPACTION HAS BEEN OBTAINED. WHERE COMPACTION OR MOISTURE CONDITIONING IS LESS THAN THAT REQUIRED, ADDITIONAL COMPACTIVE EFFORT SHALL BE MADE WITH ADJUSTMENT OF THE MOISTURE CONTENT AS NECESSARY UNTIL THE SPECIFIED COMPACTION OR MOISTURE IS ACHIEVED.
6. WHEREVER, IN THE OPINION OF THE OWNER OR THE PROJECT GEOTECHNICAL ENGINEER, AN UNSTABLE CONDITION IS BEING CREATED, EITHER BY CUTTING OR FILLING, THE WORK SHALL NOT PROCEED IN THAT AREA UNTIL REVIEW HAS BEEN MADE AND THE GRADING PLAN REVISED, IF FOUND TO BE NECESSARY.
7. KEYWAY BACKCUTS SHOULD BE CONSTRUCTED NO STEEPER THAN A 1:1 (HORIZONTAL:VERTICAL) GRADIENT.
8. THE PROJECT GEOTECHNICAL ENGINEER SHOULD OBSERVE THE EXPOSED SURFACE DURING THE REMOVAL OPERATION TO EVALUATE EXCAVATION STABILITY AND CONFIRM THAT FIELD CONDITIONS ARE AS ANTICIPATED.
9. FOLLOWING CONFIRMATION OF FIELD CONDITIONS AND/OR FURTHER MODIFICATIONS, THE EXCAVATED MATERIALS MAY BE REPLACED ON THE SUBGRADE IN ACCORDANCE WITH SPECIFICATIONS AND THE SOILS REPORT.
10. ALL UTILITY TRENCH BACKFILLS SHALL BE PER C.O.B. STD. ST–22.
11. THE MATERIALS & CONSTRUCTION METHODS FOR THE IMPROVEMENTS INCLUDED HEREON SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS & STANDARD PLANS OF THE STATE OF CALIFORNIA, MOST CURRENT VERSION.
12. CRUSHED AGGREGATE SHALL CONFORM TO COARSE AGGREGATE GRADING SEC. 90–3.02 (1–1/2" X 3/4") OF THE CALTRANS SPEC'S OR AS APPROVED BY THE ENGINEER. CONTRACTOR SHALL CONFIRM TONNAGE OR VOLUME ESTIMATE PRIOR TO PLACING.
13. POSITIVE DRAINAGE OF SURFACE WATER AWAY FROM SITE IMPROVEMENTS IS VERY IMPORTANT. NO WATER SHALL BE ALLOWED TO POND AT ANY LOCATION ON THE COMPOUND. COMPOUND AND PARKING AREAS SHALL BE PROVIDED WITH ADEQUATE DRAINAGE GRADIENTS (MINIMUM 2% TO FIVE FEET FROM FOUNDATIONS AND ONE PERCENT ELSEWHERE) TO ENSURE THE UNOBSTRUCTED TRANSPORT OF WATER AWAY FROM IMPROVEMENTS AND OFF THE COMPOUND.
14. LOCAL BORROW MAY BE OBTAINED ON SITE. MAXIMUM DEPTH OF EXCAVATION SHALL BE 12". FINAL EXCAVATION SLOPES SHALL BE LEFT IN A SMOOTH AND EVEN CONDITION SUCH THAT PONDING WILL NOT OCCUR.
15. IF THE PROJECT IS SUBJECT TO THE PROVISIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES), A "NOTICE OF INTENT" (NOI) TO COMPLY WITH THE TERMS OF THE GENERAL PERMIT TO DISCHARGE STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY (WQ ORDER NO. 92–08–DWQ) MUST BE FILED WITH STATE WATER RESOURCES CONTROL BOARD IN SACRAMENTO BEFORE THE BEGINNING OF ANY CONSTRUCTION ACTIVITY. COMLIANCE WITH THE GENERAL PERMIT REQUIRES THAT A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) BE PREPARED, CONTINUOSLY CARRIED OUT, AND ALWAYS BE AVAILABLE FOR PUBLIC INSPECTION DURING NORMAL CONSTRUCTION HOURS.

P.E.I.
INCORPORATED
PASQUINI ENGINEERING
903 H Street Suite 300
Bakersfield, Ca. 93304
Telephone: (661)-328-9600
Fax: (661)-328-9030

NO.	DATE
A	03/07/11
B	04/11/11

DIANE MIRONOWSKI
OFFICE/ WAREHOUSE
6107 WOODMERE DR.
BAKERSFIELD, CA

THESE PLANS ARE NOT FOR CONSTRUCTION UNLESS A "WET STAMP & SIGNATURE" FROM BOTH THE ENGINEER OF RECORD AND A APPROVAL STAMP WITH A "WET STAMP & SIGNATURE" FROM THE LOCAL GOVERNING AGENCY ARE PRESENT.

DWG. BY	E.H.
CHK'D BY	
DATE	02/13/12
JOB NO.	6510
FILE NO.	651022

REGISTERED PROFESSIONAL ENGINEER MARK A. PASQUINI No. 18079 EXP. 12/31/13 STATE OF CALIFORNIA

SHEET **C-1** OF 3 SHEET

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