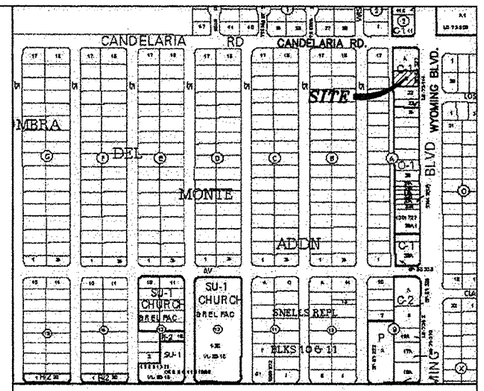
CONSTRUCTION PLANS
FOR
TRACT "B", BLOCK "A", SOMBRA DEL MONTE

ALLEY IMPROVEMENTS

CITY OF ALBUQUERQUE
NEW MEXICO
AUGUST 2007



VICINITY MAP ZONE ATLAS H-19-Z

N.T.S.

INDEX TO DRAWINGS

1. TITLE SHEET
2. GRADING PLAN
3. TRACT B, BLOCK A, SOMBRE DEL MONTE (ALLEY IMPROVEMENTS)

FOR INFORMATION ONLY

As-builts and Closeout package not submitted.
Construction verified by aerial imagery.

By: Jim Roeder Date: 12-31-2019

NOTICE TO CONTRACTORS

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION (UPDATE #7 INCLUDING AMENDMENT 1).
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
3. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.
6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH THERMAL PLASTIC REFLECTIVE PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
7. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE DESIGNERS EXPENSE.
8. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
9. THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.
10. TACK COAT FOR SURFACE COURSE REQUIREMENTS WILL BE DETERMINED BY THE ENGINEER.
11. PERMANENT PAVEMENT STRIPING AND MARKINGS WILL BE PLACED BY THE CONTRACTOR. THE ROAD SHALL NOT BE OPENED TO THE TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF THERMAL PLASTIC REFLECTIVE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
12. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
13. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY.
14. ALL WATER VALVE BOXES MANHOLES IN THE STREET CONSTRUCTION ARE TO BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH.
15. ELECTRONIC MARKER DISKS (EMD) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7.
16. PRIVATE STREETS REQUIRE STREET NAME SIGNS, STOP SIGNS, AND ANY NECESSARY STRIPING (DEVELOPER'S RESPONSIBILITY).
17. STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING OR SURFACE PLANNING OF THE ROADWAY TO BE A MAXIMUM DEPTH OF 0.25 INCHES AND FOR A WIDTH EQUAL TO TWO TIMES THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED.
18. CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE COA.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☐ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☑ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE DESIGN ENGINEER.
- ☐ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☑ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

TRAFFIC CONTROL PLAN

USE COA STD DWG# 2801 TO 2808 FOR TRAFFIC CONTROL PLAN.

ADVANCED ENGINEERING and CONSULTING, LLC
4416 ANAHEIM AVE., NE
ALBUQUERQUE, NEW MEXICO 87113
(505)899-5570

SHAHAB BIAZAR NEW MEXICO 13479 REGISTERED PROFESSIONAL ENGINEER 8/14/07

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE

ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE
	DRC Chairman		9/10/07
	Transportation		8/24/07
	Water/Wastewater		8/31/07
	Hydrology		8/31/07
	C.I.P		
	Constr. Coord.		
	AMAFCA		

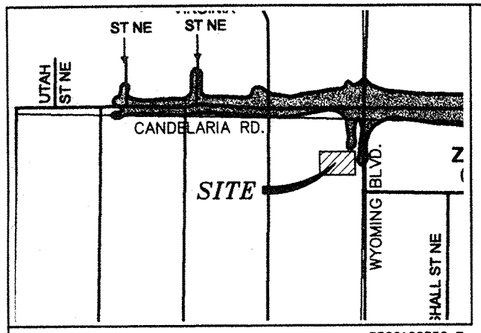
APPROVED FOR CONSTRUCTION

City Engineer Date 10-04-07

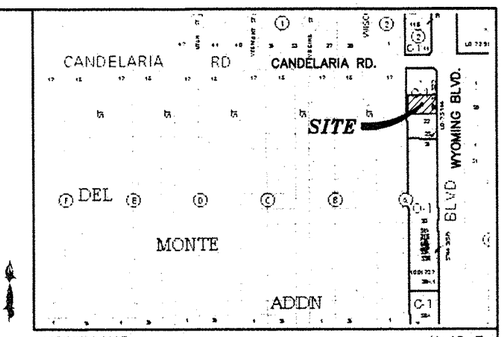
CITY PROJECT NO. 795182

SHEET 1 OF 3

DRAWING: 200711-TITLE | DRAWN BY: JT | DATE: 08-14-07



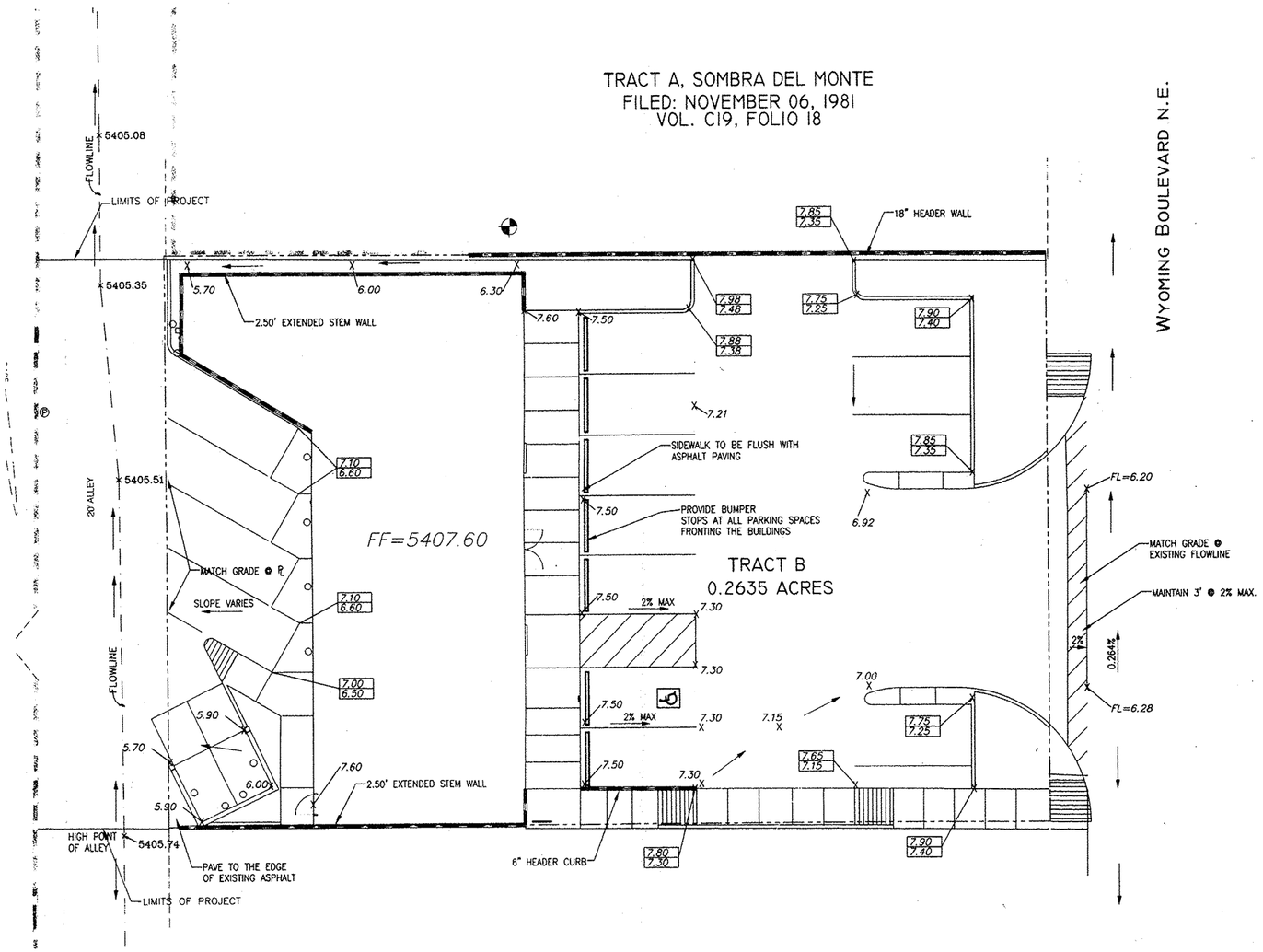
FIRM MAP: 35001C0356 E



VICINITY MAP: H-19-Z

LEGEND

- EXISTING SAS MANHOLE
- EXISTING METER
- EXISTING VALVE W/BOX
- EXISTING FIRE HYDRANT
- EXISTING AIR RELEASE VALVE
- EXISTING REDUCER
- EX. 8" SAS — EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- 5100 — EXISTING CONTOUR (MAJOR)
- EXISTING CONTOUR (MINOR)
- BOUNDARY LINE
- EASEMENT
- LIMITS OF TOP OF EXISTING SLOPE
- PROPOSED SIDEWALK
- TC 70.90 / FL 70.40 — PROPOSED GRADE
- X 70.28 — PROPOSED SPOT ELEVATION
- X 5265.16 — EXISTING GRADE
- EXISTING POWER LINES
- EXISTING FENCE
- 100-YEAR WSEL (FROM HEC-RAS OUTPUT)
- EXISTING FENCE
- FLOODPLAIN LIMITS FROM FEMA MAP
- EXISTING GARDEN WALL
- PROPOSED RETAINING WALL
- PROPOSED EXTENDED STEM WALL
- TRW=38.00 / TF=32.00 — TOP OF RETAINING WALL / TOP OF FOOTING
- TSW=34.00 / TF=32.00 — TOP OF EXTENDED STEM WALL / TOP OF FOOTING
- EXISTING DROP INLET
- EXISTING STREET LIGHT
- EXISTING ANCHER
- EXISTING POWER POLE
- SINGE "A" INLET
- DOUBLE "A" INLET



GRAPHIC SCALE

10 5 0 10

SCALE: 1"=10'

LEGAL DESCRIPTION:

TRACT "B", BLOCK "A", SOMBRA DEL MONTE, A SUBDIVISION OF THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, BEING A REPLAT OF LOTS 18,19, 20, AND 21, BLOCK "A", FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, NEW MEXICO ON NOVEMBER 6, 1981.

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM 1986 STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, THROUGH UPDATE 7.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

EROSION CONTROL PLAN AND POLLUTION PREVENTION NOTES

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUNOFF ON SITE.
4. REPAIR OF DAMAGED FACILITIES AND CLEAN-UP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.
6. ALL THE DISTURBED AREAS MUST BE REVEGETATED.

GENERAL NOTES:

1: ADD 5400 TO SPOT ELEVATIONS TO SHOW TRUE ELEVATION.
2: CONTOUR INTERVAL IS ONE (1) FOOT.
3: ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE CONTROL STATION 12-G19 HAVING AN ELEVATION OF 5407.49 FEET ABOVE SEA LEVEL.(NAVD88)
4: UTILITIES SHOWN HEREON ARE IN THEIR APPROXIMATE LOCATION BASED ONLY ON ABOVE GROUND EVIDENCE FOUND IN THE FIELD AND AS-BUILT INFORMATION PROVIDED BY THE CLIENT. UTILITIES SHOWN HEREON, WHETHER INDICATED AS ABANDONED OR NOT, SHALL BE VERIFIED BY OTHERS FOR EXACT LOCATION AND/ OR DEPTH PRIOR TO EXCAVATION OR DESIGN CONSIDERATIONS.
5: THIS IS NOT A BOUNDARY SURVEY, BEARINGS ARE ASSUMED, DISTANCES AND FOUND PROPERTY CORNERS ARE FOR INFORMATIONAL PURPOSES ONLY.
6: SLOPES ARE AT 3:1 MAXIMUM.
7: ENTRANCE MODIFICATIONS WERE DONE BASED ON THE CITY STD 2426.

ROUGH GRADING APPROVAL DATE

SHAHAB BIAZAR NEW MEXICO 13479 REGISTERED PROFESSIONAL ENGINEER 04/20/07

SHAHAB BIAZAR
P.E. #13479

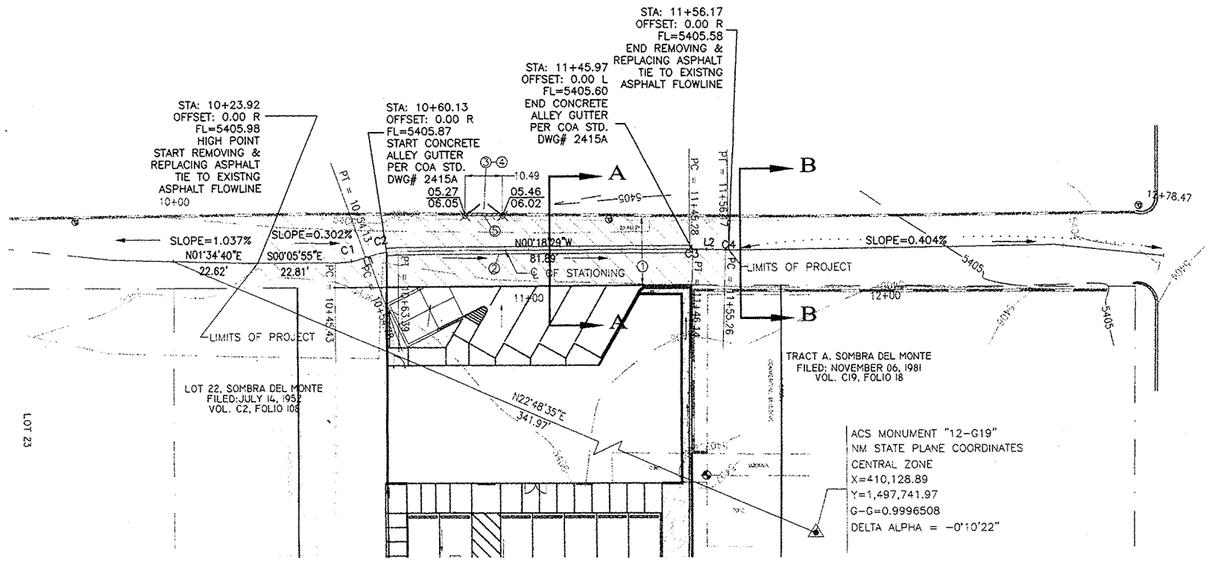
ADVANCED ENGINEERING and CONSULTING, LLC
4416 ANAHEIM AVE., NE
ALBUQUERQUE, NEW MEXICO 87113
(505)899-570

WYOMING OFFICE COMPLEX GRADING AND DRAINAGE PLAN

DRAWING:	DRAWN BY:	DATE:	SHEET #
200711-GR.DWG	SBB	04-20-07	1 OF 1

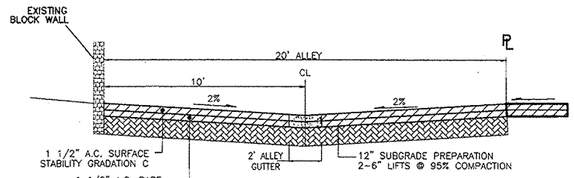
LAST REVISION: 04-20-07

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
795182	H-19-Z	2	3

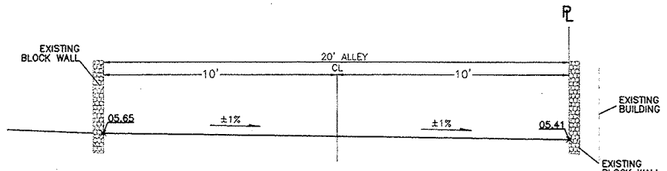


CONSTRUCTION NOTE:

-IF THE SUBGRADE SOILS DURING CONSTRUCTION HAVE A R-VALUE LESS THAN R-VALUE 50, THOSE SUBGRADE MATERIALS SHALL BE REMOVED TO A DEPTH OF NOT LESS THAN 2' BELOW THE FINISHED SUBGRADE, AND REPLACED WITH SUBGRADE MATERIAL HAVING AN R-VALUE GREATER THAN THE DESIGN R-VALUE. (R VALUE>50).



ALLEY STREET SECTION A-A
N.T.S.



EXISTING ALLEY STREET SECTION B-B
N.T.S

NOTICE TO CONTRACTOR:

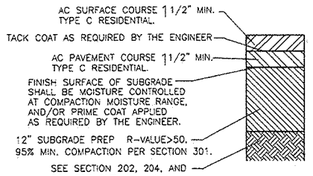
1) FOR PAVING SECTION REFER TO COA STD. DWG# 2405A.

NOTES:

1. NEW 20' ASPHALT ALLEY PER COA STD. DWG# 2411.
2. NEW 2' CONCRETE ALLEY GUTTER PER COA STD. DWG# 2415A.
3. GATE
4. CONTRACTOR NEEDS TO COORDINATE GRADE DIFFERENCE WITH OWNER. MAY NEED TO RAISE GATE TO MATCH GRADE.
5. CUT-OFF WALL @ GATE

CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA ANGLE	TANGENT	CHORD	CHORD DIRECTION
C1	8.70	25.00	19°56'29"	4.39	8.66	N10°04'09"W
C2	8.61	25.00	19°43'55"	4.35	8.57	S10°10'27"E
C3	0.86	25.00	1°57'54"	0.43	0.86	S00°40'28"W
C4	0.91	25.00	2°04'39"	0.45	0.91	S00°37'05"W

LINE TABLE		
LINE	LENGTH	BEARING
L1	0.65	N20°02'24"W
L2	9.12	N01°39'25"E



ALLEY
FLEXIBLE PAVEMENT SECTION
PER COA STD. DWG. NO. 2405A
N.T.S.

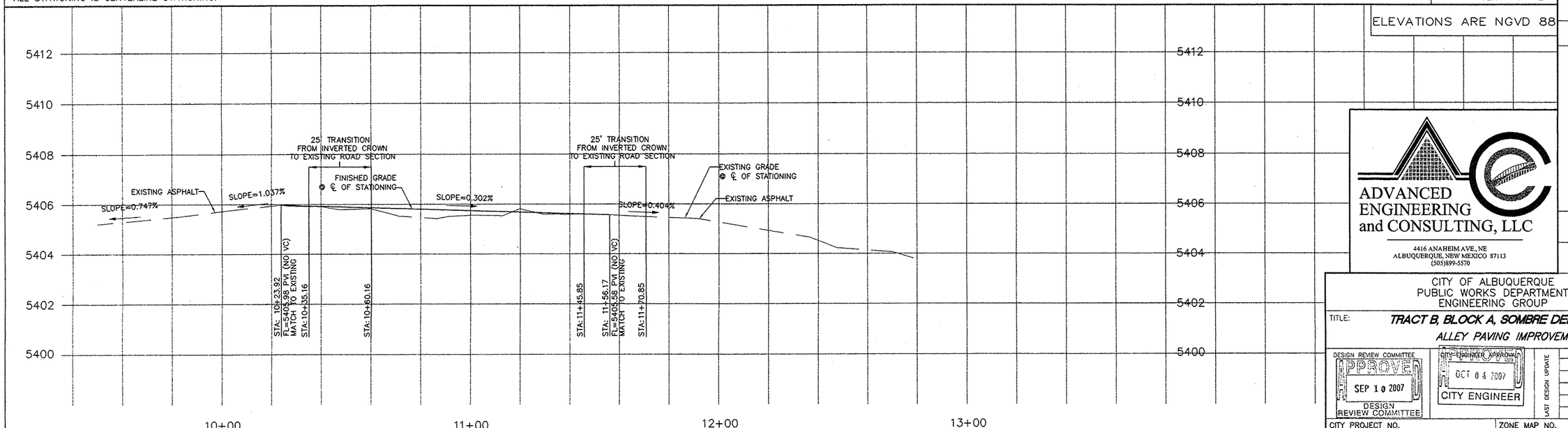
LEGEND

- PROPERTY LINE
- EXISTING BLOCK WALL
- Ⓟ EXISTING POWER POLE
- 5405 EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- 05.46 / 06.02 EXISTING GRADE / PROPOSED GRADE
- REMOVE AND REPLACE ASPHALT

SCALE: HORIZ. 1"=20'
VERT. 1"= 2'

NOTE:
ALL STATIONING IS CENTERLINE STATIONING.

ALLEY
STA: 10+00.00 TO 11+56.17



ELEVATIONS ARE NGVD 88

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY DATE
INSPECTED BY
CONSTRUCTED BY DATE
FIELD VERIFICATIONAL BY
AS BUILTED BY DATE
CORRECTED BY
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS "12-G19", LOCATED AT THE INTERSECTION OF WYOMING BLVD. & CANDELARIA RD.
58' WEST OF INTERSECTION IN CONCRETE CURB OF LEFT TURN BAY
CENTRAL STATION DATA-NAD 1927
NM STATE PLANE COORDINATES
X=410,128.89
Y=1,497,741.97
G-G=0.9996508
ACS "3-G20 (R)" ELEV=5407.49 NGVD 1988

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
NEW MEXICO 21410 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY	JT
		DRAWN BY	JT
		CHECKED BY	SB

DATE 6-07
DATE 6-07
DATE 6-07

ADVANCED ENGINEERING and CONSULTING, LLC
4416 ANAHEIM AVE., NE
ALBUQUERQUE, NEW MEXICO 87113
(505)899-5570

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TRACT B, BLOCK A, SOMBRE DEL SOL ALLEY
ALLEY PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED SEP 10 2007 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED OCT 04 2007 CITY ENGINEER
LAST DESIGN UPDATE: MO./DAY/YR. MO./DAY/YR.

DRAWING: 200711 P&P-PAVING | DATE: 08-29-07
CITY PROJECT NO. 795182 | ZONE MAP NO. H-19-Z | SHEET 3 OF 3