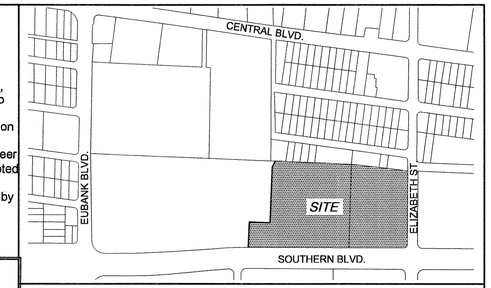
CONSTRUCTION PLANS
FOR
LONGFORD VILLAGE EAST SUBDIVISION
ALBUQUERQUE, NEW MEXICO

RECORD DRAWINGS

I, PATRICK J. CONLEY of the firm of Smith Engineering Co., A Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications, while someone from Smith Engineering Company was onsite, approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction and survey information provided by Thomas W. Patrick (Surveyor Name) NMPS number 12651 (PS #).

Engineer's Seal & Signature
PATRICK J. CONLEY NEW MEXICO 10141 REGISTERED PROFESSIONAL ENGINEER
12/27/04



VICINITY MAP
L-21-Z

INDEX

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PAVING PLANS

SHEET NO.	DESCRIPTION
6	JICAMA WAY STA. 10+00.00 - 17+00.00 PAVING PLAN AND PROFILE
7	PEQUIN TRAIL STA. 17+00.00 - 20+50.00 PAVING PLAN AND PROFILE
8	HABANERO WAY STA. 20+50.00 - 30+00 PAVING PLAN AND PROFILE
9	TOMATILLO LANE PAVING PLAN AND PROFILE
10	TEPIN TRAIL AND SERRANO LANE PAVING PLAN AND PROFILE
11	CASCABEL TRAIL PAVING PLAN AND PROFILE
12	ALLEY 1 AND ALLEY 2 PAVING PLAN AND PROFILE

UTILITY PLANS

SHEET NO.	DESCRIPTION
14	JICAMA WAY STA. 10+00.00 - 17+00.00 UTILITY PLAN AND PROFILE
15	PEQUIN TRAIL STA. 17+00.00 - 20+50.00 UTILITY PLAN AND PROFILE
16	HABANERO WAY STA. 20+50.00 - 30+00.00 UTILITY PLAN AND PROFILE
17	TOMATILLO LANE UTILITY PLAN AND PROFILE
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21	WATERLINE AND SANITARY SEWER EASEMENTS UTILITY PLAN AND PROFILE

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.

2. 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 AS REVISED THROUGH UPDATE #7.

3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.

4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS, SHOULD A CONFLICT EXIST. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION, CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

6. ALL WORK EFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.

7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.

8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR 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.

9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.

10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

11. CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE WATER UTILITY DIVISION (857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- [X] ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- [X] BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- [X] SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- [X] IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- [X] ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- [X] THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

SURVEYOR'S CERTIFICATION

I, Thomas W. Patrick, a duly qualified Registered Professional Land Surveyor under the Laws of the State of New Mexico, do hereby certify that the "as-built" information shown on these drawings was obtained from field construction and "as-built" surveys performed by me, or under my supervision, that the "as-built" information shown on these drawings was added by me, or under my supervision and that this "as-built" information is true and correct to the best of my knowledge and belief." Community Sciences Corporation is not responsible for any of the design concepts, calculations, engineering and/or intent of the record drawings.

Thomas W. Patrick, N.M.P.S. 12651 — Date: 12-22-2004

THOMAS W. PATRICK NEW MEXICO 12651 REGISTERED PROFESSIONAL SURVEYOR

26 7328.81 0105

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.

2. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

3. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.

4. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

5. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.

6. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.

7. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.

8. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE).

9. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.

10. ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED BY THE CONTRACTOR PER PLAN.

11. THE CONTRACTOR SHALL FOLLOW THE CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN PROVIDED HEREIN. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.

12. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.

13. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.

14. ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.

15. WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE STANDARD SPECIFICATIONS.

16. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, WHEELCHAIR RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE.

17. FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

18. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 7/11/05

DRB # 1000262

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	**********
PATRICK J. CONLEY NEW MEXICO 14674 REGISTERED PROFESSIONAL ENGINEER 2/9/04	DRC Chairman		1-19-04	APPROVED FOR CONSTRUCTION
	Transportation		1-30-04	
	Water/Wastewater		4/13/04	
	Hydrology		4/13/04	
	Parks			City Engineer — Date 5-28-04
	Const. Coord.		1-19-04	

City Project No. 732881 — Sheet 1 Of 23

Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

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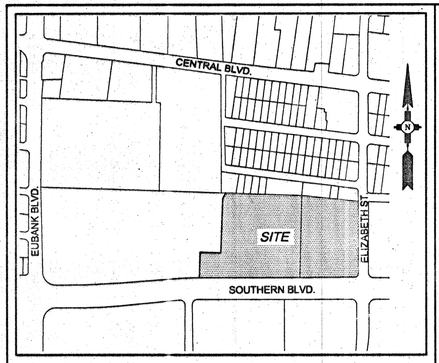
March 19, 2004 - 8:44am

BHI JOB NO. 040199 — FEBRUARY, 2004

PRELIMINARY PLAT FOR
LONGFORD VILLAGE EAST
TRACT B-1
COSTCO DEVELOPMENT
ALBUQUERQUE, NEW MEXICO
DECEMBER 2003



N.T.S. VICINITY MAP ZONE ATLAS L-21-Z

Boundary Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C1	104.31'	65.00'	91°56'48"	67.25'
C2	39.28'	25.00'	90°01'45"	25.01'

Boundary Tangent Table		
ID	BEARING	LENGTH
T1	N02°17'05"E	103.24'
T2	S87°43'34"E	145.00'
T3	N02°17'55"E	384.96'
T4	N27°13'23"E	39.54'
T5	S87°43'34"E	938.00'
T6	S00°18'32"W	528.79'
T7	N89°39'43"W	1027.25'

LEGEND

- SUBDIVISION BOUNDARY LINE
- EXISTING SUBDIVISION BOUNDARY
- NEW LOT LINE
- ADJOINING PROPERTY LINE
- ▲ CENTERLINE MONUMENT TO BE INSTALLED
- △ CITY OF ALBUQUERQUE SURVEY CONTROL MONUMENT
- EXISTING FENCE LINE

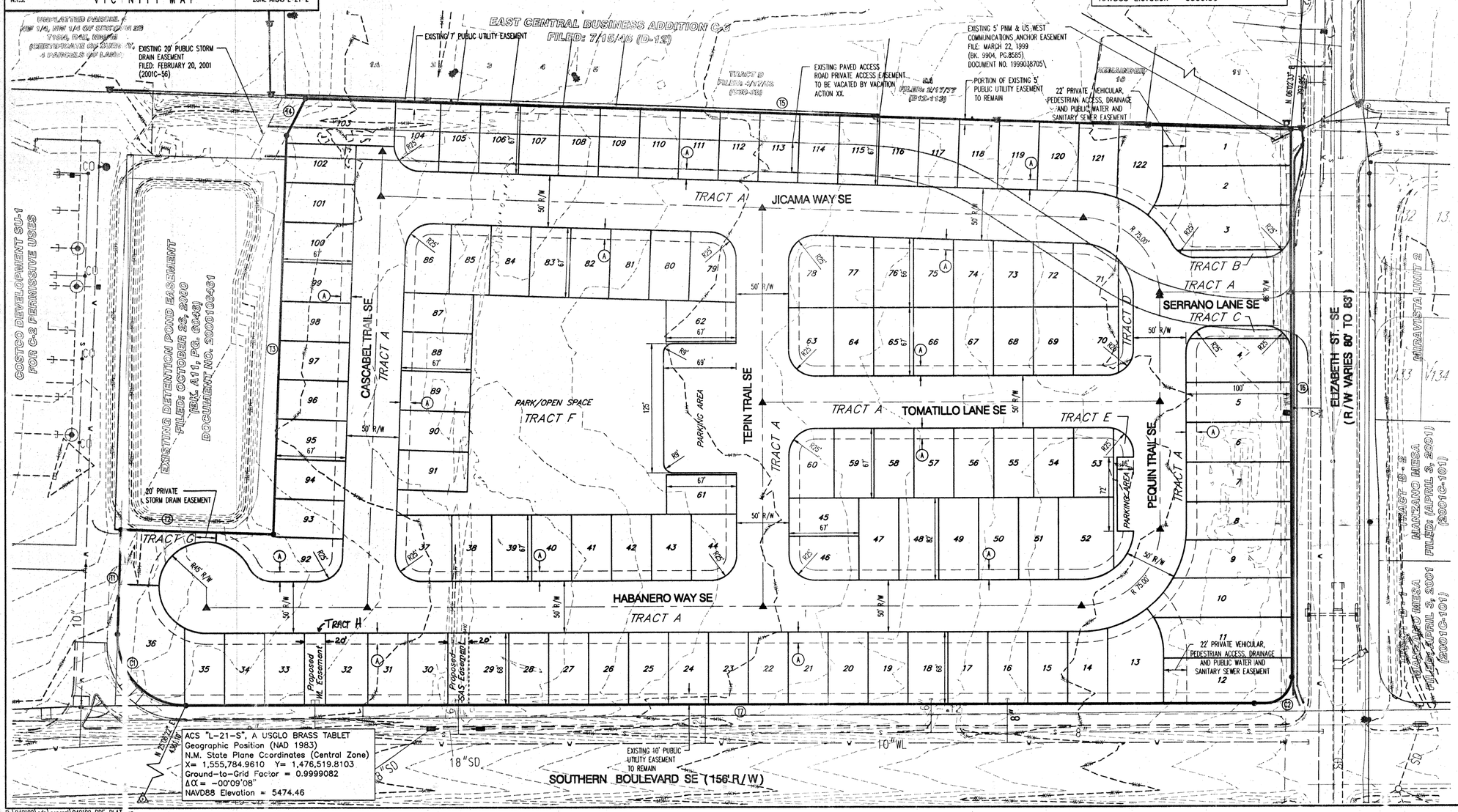
N

50 25 0 50
1" = 50'

KEYED NOTES

(A) 8' PUBLIC UTILITY EASEMENT

ACS Aluminum Cap stamped "6-L21, 1986"
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,558,220.5759 Y= 1,481,283.3298
Ground-to-Grid Factor = 0.999907733
$\Delta\alpha$ = -00°09'28"
NAVD88 Elevation = 5503.35



ACS "L-21-S", A USGLO BRASS TABLET
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,555,784.9610 Y= 1,476,519.8103
Ground-to-Grid Factor = 0.9999082
$\Delta\alpha$ = -00°09'08"
NAVD88 Elevation = 5474.46

LEGAL DESCRIPTION

TRACT B-1 OF THE COSTCO DEVELOPMENT (BK - 2001C PG.194, 07/09/01)

GENERAL NOTES

1. EXISTING ZONING: SU-1 FOR PRD
   PROPOSED DEVELOPMENT: SU-1 FOR PRD
2. PROPOSED NET ACREAGE: 13.12 AC
   NUMBER OF LOTS: 122
   PROPOSED DENSITY: 9.30 DU/AC
3. MIN. LOT DIMENSIONS: 38.0' X 66.5'
   MINIMUM LOT AREA: 2,527.00 SQFT
4. ALL UTILITIES AND STORM DRAIN IMPROVEMENTS ARE TO BE PUBLIC, AND TO BE DEDICATED TO THE CITY OF ALBUQUERQUE FOR MAINTENANCE.
5. PRIVATE ACCESS: THIS SUBDIVISION IS PLANNED TO BE A GATED COMMUNITY. ALL ROADS WITHIN THE DEVELOPMENT EXIST WITHIN TRACT "A". PRIVATE ACCESS, PUBLIC DRAINAGE, WATER, AND SANITARY SEWER EASEMENT ON TRACT "A".
6. HOMEOWNERS ASSOCIATION: THIS SUBDIVISION WILL HAVE A HOMEOWNERS ASSOCIATION. THE HOMEOWNERS ASSOCIATION WILL OWN TRACTS "A", "B", "C", "D", "E", "F", AND "G", AND BE RESPONSIBLE FOR MAINTENANCE INCLUDING STREET AND LANDSCAPE IMPROVEMENTS. AND "H"
7. TRACTS "B", "C", "D", "E", "F", AND "G" ARE OPEN SPACE TRACTS ENCUMBERED BY PRIVATE PEDESTRIAN ACCESS EASEMENTS
8. LOT SETBACKS SHALL BE 8.5' TO FRONT OF HOUSE, 20' TO GARAGE, 5' SIDEYARD AND 15' BACKYARD
9. NO INDIVIDUAL LOTS SHALL BE ALLOWED DIRECT ACCESS TO ELIZABETH STREET S.E., AND/OR SOUTHERN BLVD.
10. TRACT "H" IS ENCUMBERED BY PUBLIC WATERLINE EASEMENT.

SITE DATA

ZONE ATLAS NO.	L-21-Z
ZONING	SU-1 FOR PRD
MILES OF FULL WIDTH STREETS CREATED	.63 MILES
NO. OF EXISTING PARCELS	1
NO. OF LOTS CREATED	122
DENSITY	9.30 DU/AC

SURVEY NOTES:

1. ALL BOUNDARY CORNERS SHOWN (●) ARE FOUND REBAR W/CAP.
2. ALL STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT ALL CENTERLINE PC'S, PT'S, ANGLE POINTS, AND STREET INTERSECTIONS AND SHOWN THUS (▲) AND WILL BE MARKED BY (4") ALUMINUM CAP STAMPED "CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION MARKED, DO NOT DISTURB PLS SURVEYOR'S #".
3. THE SUBDIVISION BOUNDARY WILL BE TIED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM AS SHOWN.
4. BASIS OF BEARINGS WILL BE NEW MEXICO STATE PLANE BEARINGS.
5. DISTANCES SHALL BE GROUND DISTANCES.
6. MANHOLES WILL BE OFFSET AT ALL POINTS OF CURVATURE, TANGENCY STREET INTERSECTIONS, AND ALL OTHER ANGLE POINTS TO ALLOW USE OF CENTERLINE MONUMENTATION.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	6	7	3	2	8	8	1		0	2	0	5		

APPROVED

12-4-03
CITY SURVEYOR DATE

12-4-03
MARK RUHLMAN DATE
DIVISION PRESIDENT,
LONGFORD HOMES OF NEW MEXICO

Bohannan ▲ Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

SCANNED BY MESA REPRO

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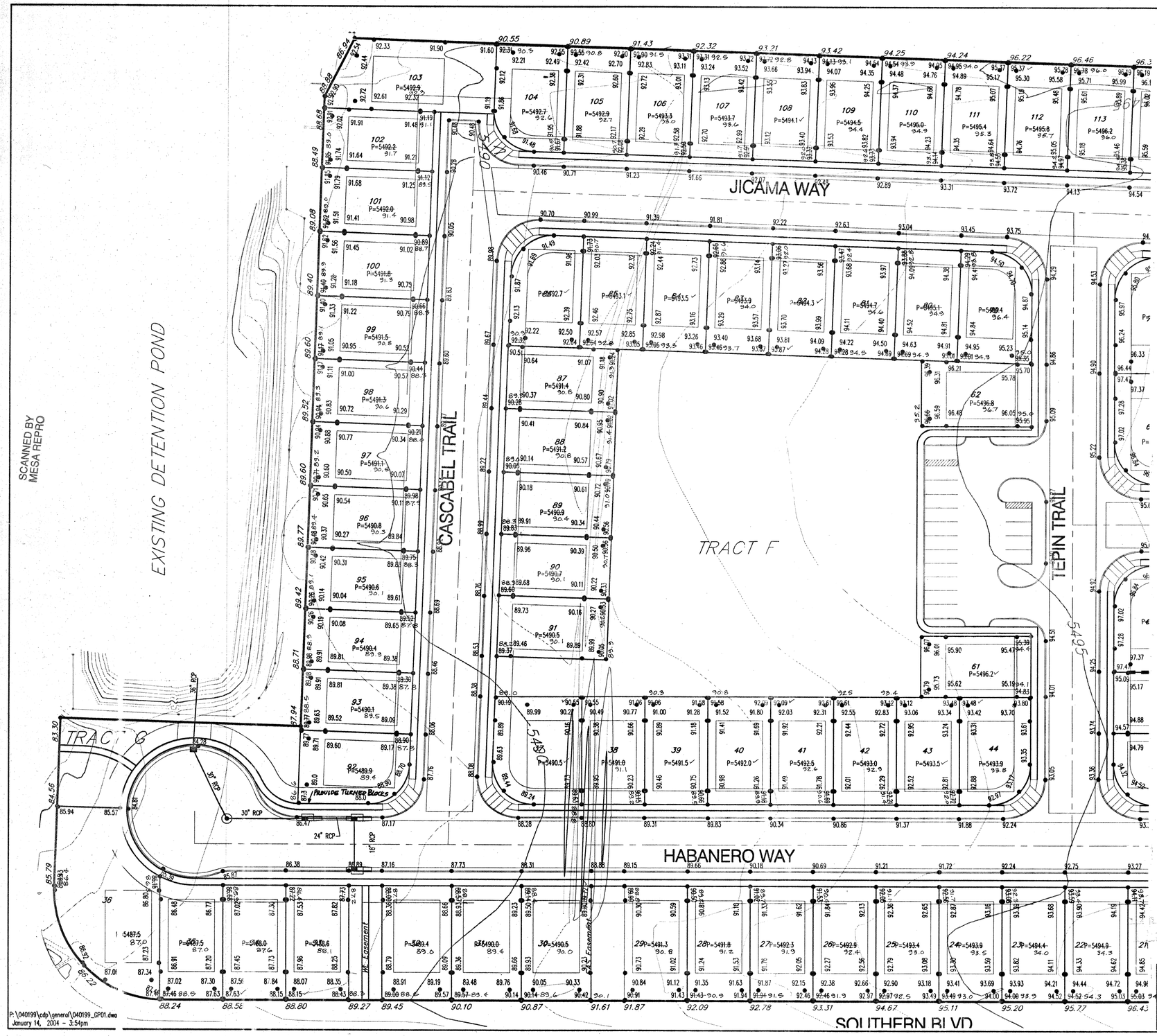
Sheet 2 of 23



SCANNED BY MESA REPRO

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January 14, 2004 - 3:54pm

N

30 15 0 30

1" = 30'

GENERAL NOTES

1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.

2. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATION AS NOTED IN THE SOILS REPORT.

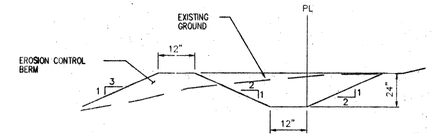
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES & REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.

4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL, THIS SHEET, AND WETTING THE SOIL TO KEEP IT FROM BLOWING.

5. ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.

6. BOULDERS GREATER THAN 3 FEET IN DIAMETER EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.

7. ALL WALLS SHOWN ARE TO BE PLACED ALONG PROPERTY LINE. WALLS ARE SHOWN OFFSET FOR VISUAL PURPOSE ONLY.



EROSION CONTROL BERM

1. TO PREVENT EROSION FROM THE SITE, DURING GRADING & CONSTRUCTION OPERATIONS, A BERM OF THE ABOVE DIMENSIONS SHALL BE MAINTAINED ON THE WEST WEST BOUNDARY OF THE SITE.

2. WIND EROSION SHALL BE PREVENTED BY MAINTAINING AN ADEQUATELY MOISTENED SITE.

3. AFTER CONSTRUCTION ALL SURFACES WILL BE PAVED OR LANDSCAPED TO PREVENT EROSION.

4. CONTRACTOR MUST OBTAIN A TO? SOIL DISTURBANCE PERMIT FROM ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION

EROSION CONTROL PLAN

NO SCALE

LEGEND

(91.62)	FUTURE SPOT ELEVATION
91.62	PROPOSED SPOT ELEVATION
× 92.46	EXISTING SPOT ELEVATION (GRND & TC)
	EXISTING CURB & GUTTER
	PROPOSED MOUNTABLE CURB & GUTTER
	PROPOSED STANDARD CURB & GUTTER
5470	EXISTING CONTOUR W/ INDEX ELEVATION
	FLOW ARROW
	PROPOSED RETAINING WALL
	PROPOSED GARDEN WALL, CONCRETE FILLED TO 1-FOOT DEPTH
	PROPOSED SLOPE
	PROPOSED STORM DRAIN
	PROPOSED STORM DRAIN MANHOLE
	PROPOSED STORM DRAIN INLET
	PROPOSED CATTLE GUARD INLET
	WALL DRAIN

SURVEYOR'S CERTIFICATE

I, THOMAS W. PATRICK, A DULY QUALIFIED LICENSED PROFESSIONAL SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE AS-BUILT INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM FIELD CONSTRUCTION AND "AS-BUILT" SURVEYS PERFORMED BY ME, OR UNDER MY SUPERVISION, THAT THE "AS-BUILT" INFORMATION SHOWN ON THESE DRAWINGS (UNLESS OTHERWISE NOTED) WAS ADDED BY ME, OR BY UNDER MY SUPERVISION, AND THAT THIS "AS-BUILT" INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. COMMUNITY SCIENCES CORPORATION IS NOT RESPONSIBLE FOR ANY OF THE DESIGN CONCEPTS, CALCULATIONS, ENGINEERING AND/OR INTENT OF THE RECORD DRAWINGS.

THOMAS W. PATRICK NEW MEXICO 12651 REGISTERED PROFESSIONAL SURVEYOR

Thomas W. Patrick — 12.17.04
THOMAS W. PATRICK — DATE

NEW MEXICO PROFESSIONAL SURVEYOR NO. 12651

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 7328.31 0305

ROUGH GRADING (±0.5')

2/3/04
APPROVED FOR ROUGH GRADING — DATE

Bohannan ▲ Huston

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
GRADING AND DRAINAGE PLAN

Design Review Committee	City Engineer Approval	Date	Mo./Day/Yr.	Mo./Day/Yr.
For Information Only		Last Design		

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	3	23

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: 12/03
Drawn By: PLT DATE: 12/03
Checked By: PLT DATE: 12/03

ENGINEER'S SEAL
PAMELA L. THIES NEW MEXICO 14674 REGISTERED PROFESSIONAL ENGINEER
1/14/04

AS-BUILT INFORMATION

CONTRACTOR	DATE
STAKED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICROFILM INFORMATION

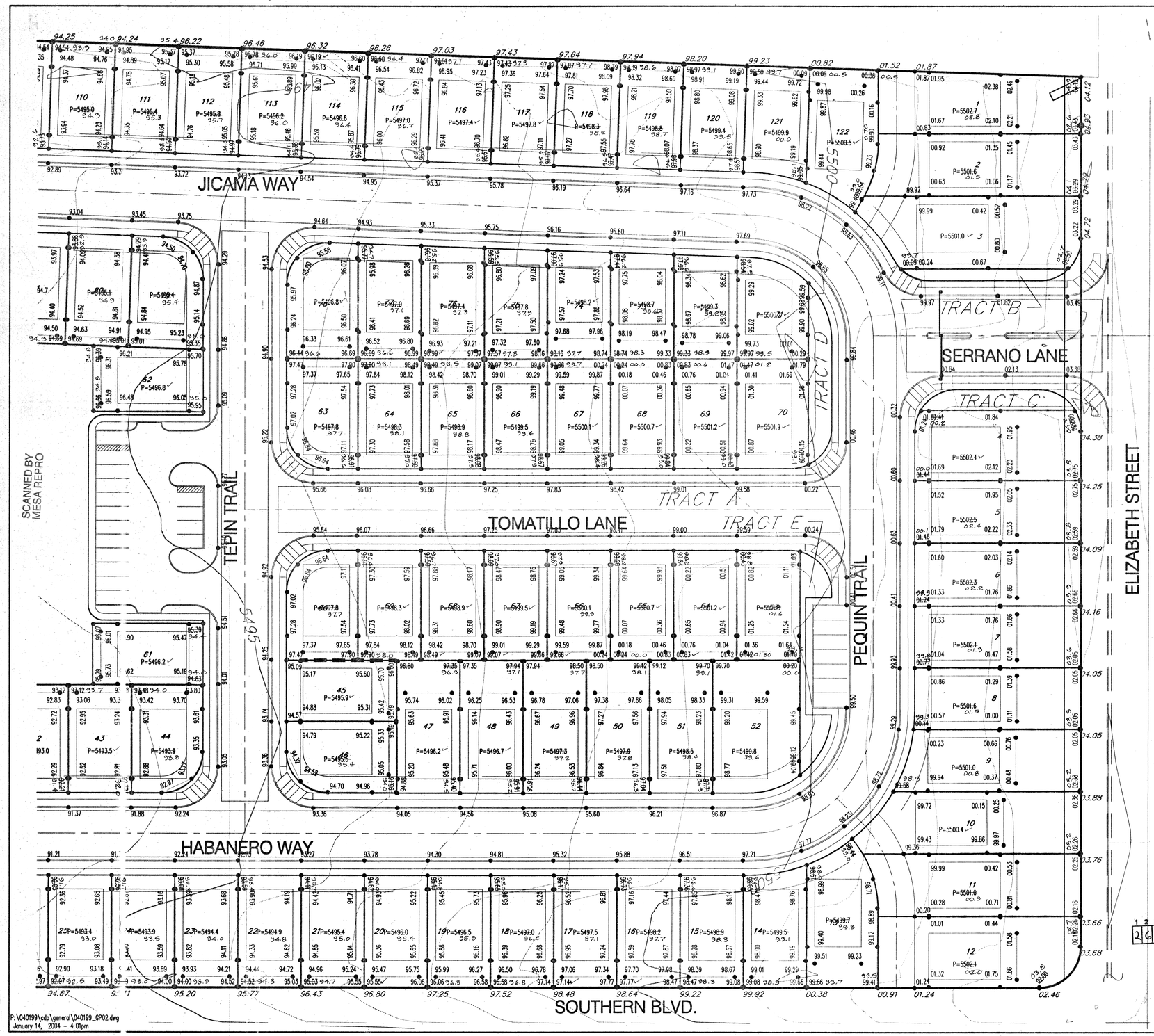
RECORDED BY	DATE
NO.	

BENCH MARKS

ACS BRASS TABLET STAMPED "6-L21, 1986"
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,558,220.58 Y= 1,481,283.33
Ground-to-Grid Factor = 0.999644584
$\Delta\alpha$ = -00°09'28"
NAVD88 Elevation = 5503.35

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE



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January 14, 2004 - 4:01pm

GENERAL NOTES

1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.

2. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATION AS NOTED IN THE SOILS REPORT.

3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES & REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.

4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL, THIS SHEET, AND WETTING THE SOIL TO KEEP IT FROM BLOWING.

5. ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.

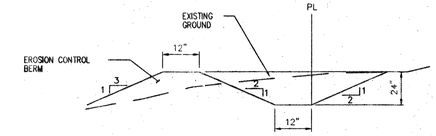
6. BOULDERS GREATER THAN 3 FEET IN DIAMETER EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.

7. ALL WALLS SHOWN ARE TO BE PLACED ALONG PROPERTY LINE. WALLS ARE SHOWN OFFSET FOR VISUAL PURPOSE ONLY.

N

30 15 0 30

1" = 30'



EROSION CONTROL BERM

1. TO PREVENT EROSION FROM THE SITE, DURING GRADING & CONSTRUCTION OPERATIONS, A BERM OF THE ABOVE DIMENSIONS SHALL BE MAINTAINED ON THE WEST WEST BOUNDARY OF THE SITE.

2. WIND EROSION SHALL BE PREVENTED BY MAINTAINING AN ADEQUATELY MOISTENED SITE.

3. AFTER CONSTRUCTION ALL SURFACES WILL BE PAVED OR LANDSCAPED TO PREVENT EROSION.

4. CONTRACTOR MUST OBTAIN A TOP SOIL DISTURBANCE PERMIT FROM ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION

EROSION CONTROL PLAN

NO SCALE

LEGEND

- (91.62) FUTURE SPOT ELEVATION
- 91.62 PROPOSED SPOT ELEVATION
- × 92.46 EXISTING SPOT ELEVATION (GRND & TC)
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- 5470 EXISTING CONTOUR W/ INDEX ELEVATION
- FLOW ARROW
- PROPOSED RETAINING WALL
- PROPOSED GARDEN WALL, CONCRETE FILLED TO 1-FOOT DEPTH
- PROPOSED SLOPE
- PROPOSED STORM DRAIN
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- PROPOSED CATTLE GUARD INLET
- WALL DRAIN

SURVEYOR'S CERTIFICATE

I, THOMAS W. PATRICK, A DULY QUALIFIED LICENSED PROFESSIONAL SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE AS-BUILT INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM FIELD CONSTRUCTION AND "AS-BUILT" SURVEYS PERFORMED BY ME, OR UNDER MY SUPERVISION, THAT THE "AS-BUILT" INFORMATION SHOWN ON THESE DRAWINGS (UNLESS OTHERWISE NOTED) WAS ADDED BY ME, OR BY UNDER MY SUPERVISION, AND THAT THIS "AS-BUILT" INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. COMMUNITY SCIENCES CORPORATION IS NOT RESPONSIBLE FOR ANY OF THE DESIGN CONCEPTS, CALCULATIONS, ENGINEERING AND/OR INTENT OF THE RECORD DRAWINGS.

THOMAS W. PATRICK NEW MEXICO 12651 PROFESSIONAL SURVEYOR

12-17-04

THOMAS W. PATRICK — DATE

NEW MEXICO PROFESSIONAL SURVEYOR NO. 12651

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 7 3 2 8 . 8 1 0 4 0 5

ROUGH GRADING (±0.5'):

2/3/04

APPROVED FOR ROUGH GRADING — DATE

Bohannan ▲ Huston

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
GRADING AND DRAINAGE PLAN

Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

For Information Only

City Project No. 732881 | Zone Map No. L-21-Z | Sheet 4 Of 23

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE:12/03
Drawn By: PLT DATE:12/03
Checked By: PLT DATE:12/03

AS-BUILT INFORMATION
CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTORS ACCEPTANCE — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICROFILM INFORMATION
RECORDED BY — DATE
NO.

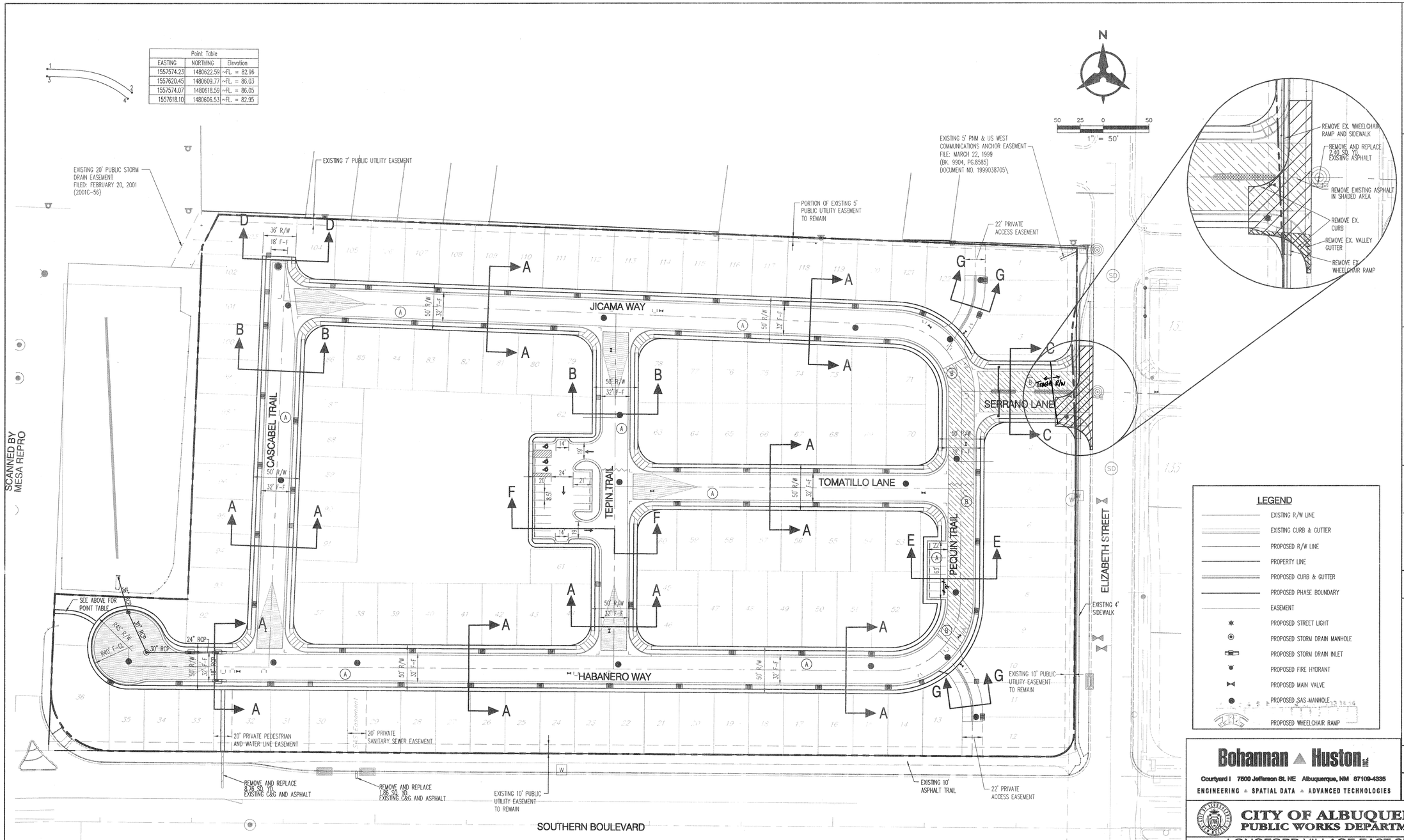
BENCH MARKS
ACS BRASS TABLET STAMPED "6-L21, 1986"
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,558,220.58 Y= 1,481,283.33
Ground-to-Grid Factor = 0.999644584
Δα = -00°09'28"
NAVD88 Elevation = 5503.35

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
THOMAS W. PATRICK NEW MEXICO 14671 REGISTERED PROFESSIONAL ENGINEER 12/15/03 1/14/04

Point Table		
EASTING	NORTHING	Elevation
1557574.23	1480622.59	~FL = 82.96
1557620.45	1480609.77	~FL = 86.03
1557574.07	1480618.59	~FL = 86.05
1557618.10	1480606.53	~FL = 82.95



LEGEND

- EXISTING R/W LINE
- EXISTING CURB & GUTTER
- PROPOSED R/W LINE
- PROPERTY LINE
- PROPOSED CURB & GUTTER
- PROPOSED PHASE BOUNDARY
- EASEMENT
- PROPOSED STREET LIGHT
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- PROPOSED MAIN VALVE
- PROPOSED SAS MANHOLE
- PROPOSED WHEELCHAIR RAMP

NOTE:
1) FOR PAVEMENT SECTION (A) SEE SHEET 22.
2) FOR PAVEMENT SECTION (B) SEE SHEET 22.
3) FOR SECTION DETAILS, SEE SHEET 22.
4) FOR SIDEWALK IN WATERLINE EASEMENT, SEE SHEET 21.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 7 3 8 8 1 0 5 0 5

SCANNED BY MESA REPRO

P:\040199\cdp\general\040199_OPAV.dwg
April 12, 2004 - 10:05am

Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
OVERALL PAVING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED APR 19 2004 DESIGN REVIEW COMMITTEE	APPROVED MAY 28 2004 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	5	23

AS-BUILT INFORMATION
CONTRACTOR Hyder Sysco DATE 9/2/04
WORK STAKED BY CGC DATE VAR.
WORK INSPECTED BY SEC DATE 4/23/04
ACCEPTANCE BY NO AS-BUILT INFO DATE
FIELD VERIFICATION BY 03/15/04 DATE 10/20/04
DRAWINGS CORRECTED BY
MICROFILM INFORMATION
RECORDED BY DATE
City Inspector: Mike Stakiw

BENCH MARKS
ACS BRASS TABLET STAMPED "6-L21, 1986"
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,558,220.58 Y= 1,481,283.33
Ground-to-Grid Factor = 0.999644584
$\Delta\alpha$ = -00°09'28"
NAVD88 Elevation = 5503.35

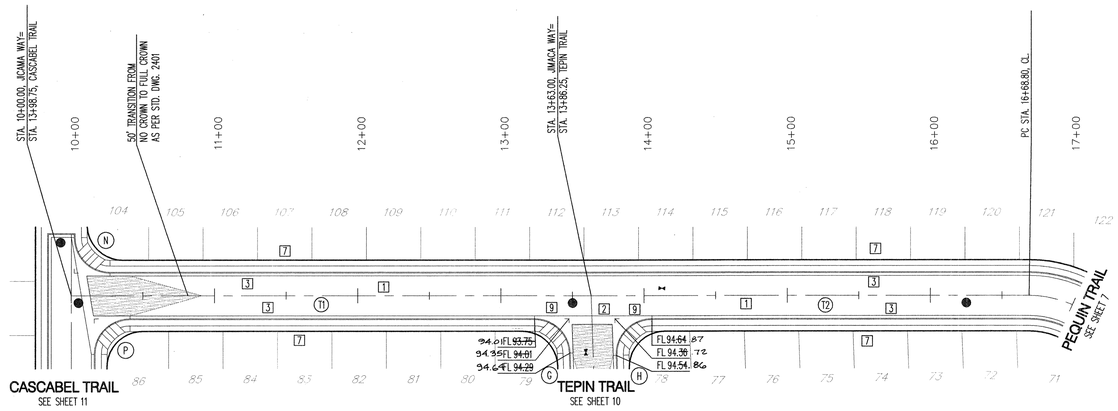
SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PT DATE: 02/04
Drawn By: DH DATE: 02/04
Checked By: PT DATE: 02/04



STA. 13+23.38, 16.00' RT.
PC CURB RETURN

FLOWLINE DATA (G)

PC	93.75	94.01
1	93.88	Δ=88°02'06"
2	94.02	R=25.00'
3	94.15	T=24.16'
PT	94.29	94.64

STA. 13+48.36, 40.14' RT.
PT CURB RETURN

STA. 13+80.44, 41.86' RT.
PC CURB RETURN

FLOWLINE DATA (H)

PC	94.54	94.86
1	94.57	Δ=91°57'54"
2	94.59	R=25.00'
3	94.62	T=25.87'
PT	94.64	94.87

STA. 14+05.43, 16.00' RT.
PT CURB RETURN

CL Tangent Table		
ID	BEARING	LENGTH
T1	S87°43'34"E	363.00'
T2	S87°43'34"E	305.80'

SEE SHEET 11 FOR
N & P QUARTER
POINT INFORMATION

N

50 25 0 50
1" = 50'

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL PAVING CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

4. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.

5. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.

6. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.

7. REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE PER C.O.A. STD. DWG. 2415 (SAWCUT ONLY).

8. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

9. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART B.

10. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.

11. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.

12. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.

13. CONTRACTOR SHALL PROVIDE THE INSPECTORS (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.

14. MH RIMS AND CATCH BASIN INLET ELEVATIONS, VALVE BOXES, ARV, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.

15. SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.

16. STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.

17. FLOWLINE ELEVATIONS FOR DROP DROP INLETS ARE PROJECTED FROM FLOWLINE OF STANDARD CURB TO MIDDLE OF DOWNHILL GRATE.

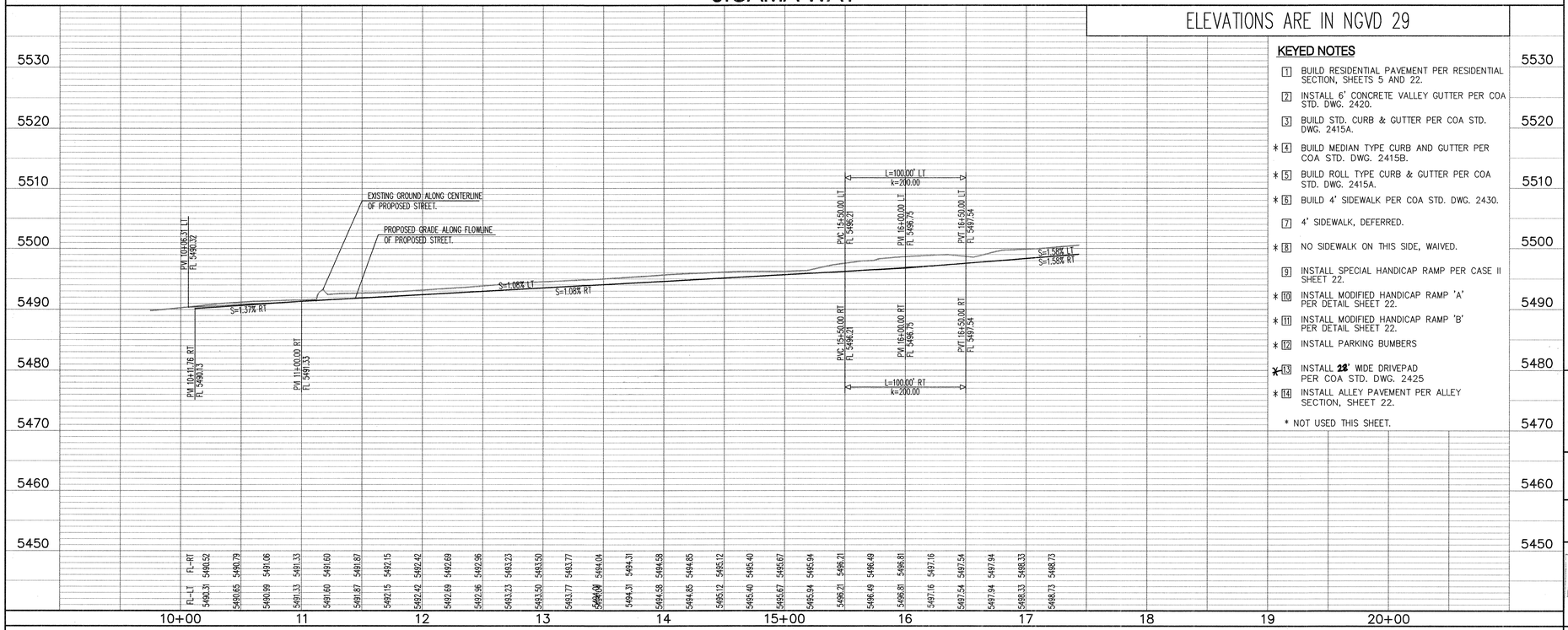
18. FOR STORM DRAIN CONSTRUCTION: ALL RCP JOINTS SHALL BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION SHALL DETERMINE WHICH JOINTS ARE TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

19. ALL UTILITY CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESES.)

20. DENOTES CROWN TRANSITION PER C.O.A STD. DWG. 2401.

JICAMA WAY

ELEVATIONS ARE IN NGVD 29



KEYED NOTES

1. BUILD RESIDENTIAL PAVEMENT PER RESIDENTIAL SECTION, SHEETS 5 AND 22.
2. INSTALL 6' CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420.
3. BUILD STD. CURB & GUTTER PER COA STD. DWG. 2415A.
* 4. BUILD MEDIAN TYPE CURB AND GUTTER PER COA STD. DWG. 2415B.
* 5. BUILD ROLL TYPE CURB & GUTTER PER COA STD. DWG. 2415A.
* 6. BUILD 4' SIDEWALK PER COA STD. DWG. 2430.
7. 4' SIDEWALK, DEFERRED.
* 8. NO SIDEWALK ON THIS SIDE, WAIVED.
9. INSTALL SPECIAL HANDICAP RAMP PER CASE II SHEET 22.
* 10. INSTALL MODIFIED HANDICAP RAMP 'A' PER DETAIL SHEET 22.
* 11. INSTALL MODIFIED HANDICAP RAMP 'B' PER DETAIL SHEET 22.
* 12. INSTALL PARKING BUMBERS
* 13. INSTALL **28'** WIDE DRIVEPAD PER COA STD. DWG. 2425
* 14. INSTALL ALLEY PAVEMENT PER ALLEY SECTION, SHEET 22.

* NOT USED THIS SHEET.

SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

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March 19, 2004 - 8:42am

AS-BUILT INFORMATION
CONTRACTOR Alpha Sigma DATE 12/22/04
WORK STAKED BY CSC DATE Vae
INSPECTOR'S FIELD ACCEPTANCE BY SEC DATE 12/22/04
FIELD VERIFICATION BY CSC/Vae DATE 12/21/04
DRAWINGS CORRECTED BY CSC DATE 12/21/04

BENCH MARKS
ACS BRASS TABLET STAMPED "6-L21, 1986"
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,558,220.58 Y= 1,481,283.33
Ground-to-Grid Factor = 0.999644584
ΔG = -00°09'28"
NAVD88 Elevation = 5503.35

MICROFILM INFORMATION
RECORDED BY
DATE

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
NEW MEXICO
14674
2/10/04
REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By

REVISIONS
DESIGN
Designed By: PLT DATE: 02/04
Drawn By: DH DATE: 02/04
Checked By: PLT DATE: 02/04

26 73283 811 0605

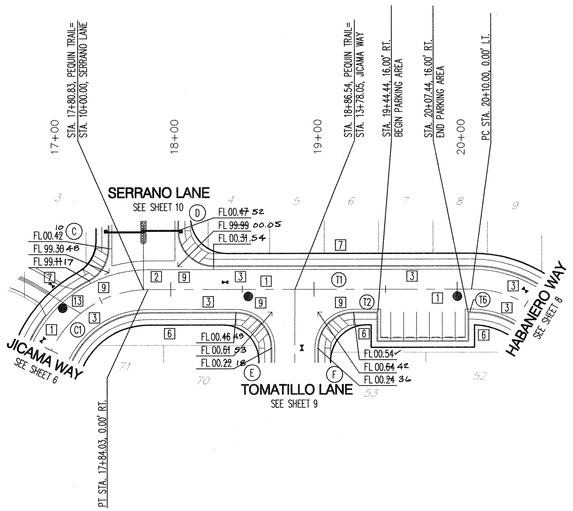
Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
PAVING PLAN AND PROFILE
JICAMA WAY STA. 10+00.00 - 17+00.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED APR 19 20 DESIGN REVIEW COMMITTEE	APPROVED MAY 26 20 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	6	23



STA. 17+64.77, 32.10' LT.
PC CURB RETURN

FLOWLINE DATA (C)

PC	00.42	Δ=63°15'13" R=25.00' T=15.40' L=27.60'
1	99.92	
2	99.53	
3	99.26	
PT	99.11	

STA. 17+49.02, 16.00' LT.
PT CURB RETURN

STA. 18+29.83, 16.00' LT.
PC CURB RETURN

FLOWLINE DATA (D)

PC	00.31	Δ=90°00'00" R=25.00' T=25.00' L=39.27'
1	00.20	
2	00.19	
3	00.28	
PT	00.47	

STA. 18+04.83, 41.00' LT.
PT CURB RETURN

STA. 18+45.52, 16.00' RT.
PC CURB RETURN

FLOWLINE DATA (E)

PC	00.46	Δ=90°01'45" R=25.00' T=25.01' L=39.28'
1	00.40	
2	00.34	
3	00.28	
PT	00.22	

STA. 18+70.52, 41.01' RT.
PT CURB RETURN

STA. 19+02.52, 40.99' RT.
PC CURB RETURN

FLOWLINE DATA (F)

PC	00.24	Δ=89°58'15" R=25.00' T=24.99' L=39.26'
1	00.32	
2	00.39	
3	00.47	
PT	00.54	

STA. 19+27.52, 16.00' RT.
PT CURB RETURN

NOTES

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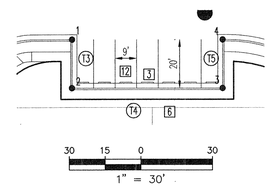
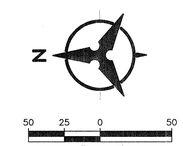
20. DENOTES CROWN TRANSITION PER C.O.A STD. DWG. 2401.





CL Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C1	115.24'	75.00'	88°02'06"	72.47'

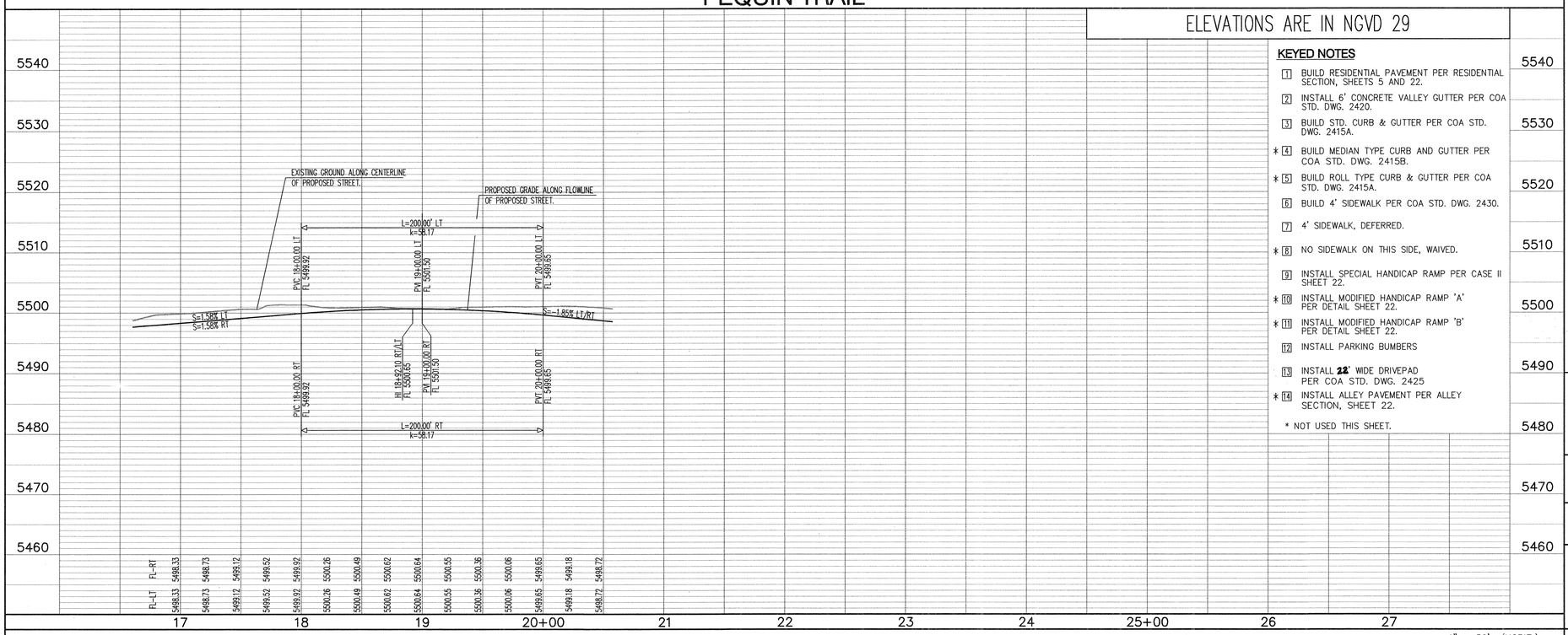
CL Tangent Table		
ID	BEARING	LENGTH
T1	S00°18'32"W	225.97'

Curb Tangent Table		
ID	BEARING	LENGTH
T2	S00°18'32"W	16.92'
T3	S89°41'28"E	20.00'
T4	N00°18'32"E	63.00'
T5	S89°41'28"E	20.00'
T6	S00°18'32"W	2.56'

Point Table			
ID	STATION	OFFSET	ELEVATION
1	19+44.44	16.00' RT.	00.41
2	19+44.44	36.00' RT.	00.61
3	20+07.44	36.00' RT.	99.70
4	20+07.44	16.00' RT.	99.50

PEQUIN TRAIL

ELEVATIONS ARE IN NGVD 29



KEYED NOTES

1. BUILD RESIDENTIAL PAVEMENT PER RESIDENTIAL SECTION, SHEETS 5 AND 22.
2. INSTALL 6' CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420.
3. BUILD STD. CURB & GUTTER PER COA STD. DWG. 2415A.
4. * BUILD MEDIAN TYPE CURB AND GUTTER PER COA STD. DWG. 2415B.
5. * BUILD ROLL TYPE CURB & GUTTER PER COA STD. DWG. 2415A.
6. BUILD 4' SIDEWALK PER COA STD. DWG. 2430.
7. 4' SIDEWALK, DEFERRED.
8. * NO SIDEWALK ON THIS SIDE, WAIVED.
9. INSTALL SPECIAL HANDICAP RAMP PER CASE II SHEET 22.
10. * INSTALL MODIFIED HANDICAP RAMP 'A' PER DETAIL SHEET 22.
11. * INSTALL MODIFIED HANDICAP RAMP 'B' PER DETAIL SHEET 22.
12. INSTALL PARKING BUMBERS
13. INSTALL **22'** WIDE DRIVEPAD PER COA STD. DWG. 2425
14. * INSTALL ALLEY PAVEMENT PER ALLEY SECTION, SHEET 22.

* NOT USED THIS SHEET.

SCALE: 1" = 50' (HORIZ.) 1" = 10' (VERT.)

P:\040199\cdp\pnp\040199_Ppnp02.dwg
March 19, 2004 - 8:42am

AS-BUILT INFORMATION
CONTRACTOR Hydro Systems DATE 12/21/04
WORK STAKED BY CSC DATE 10/12/04
INSPECTOR'S ACCEPTANCE BY SCC DATE 12/21/04
VERIFICATION BY CSC DATE 12/21/04
DRAWINGS CORRECTED BY CSC DATE 12/22/04
MICROFILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BRASS TABLET STAMPED "6-L21, 1986"
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,558,220.58 Y= 1,481,283.33
Ground-to-Grid Factor = 0.999644584
ΔC = -00°09'28"
NAVD88 Elevation = 5503.35

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 14674 12/21/04

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: 02/04
Drawn By: DH DATE: 02/04
Checked By: PLT DATE: 02/04

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
26 7328.81 9705

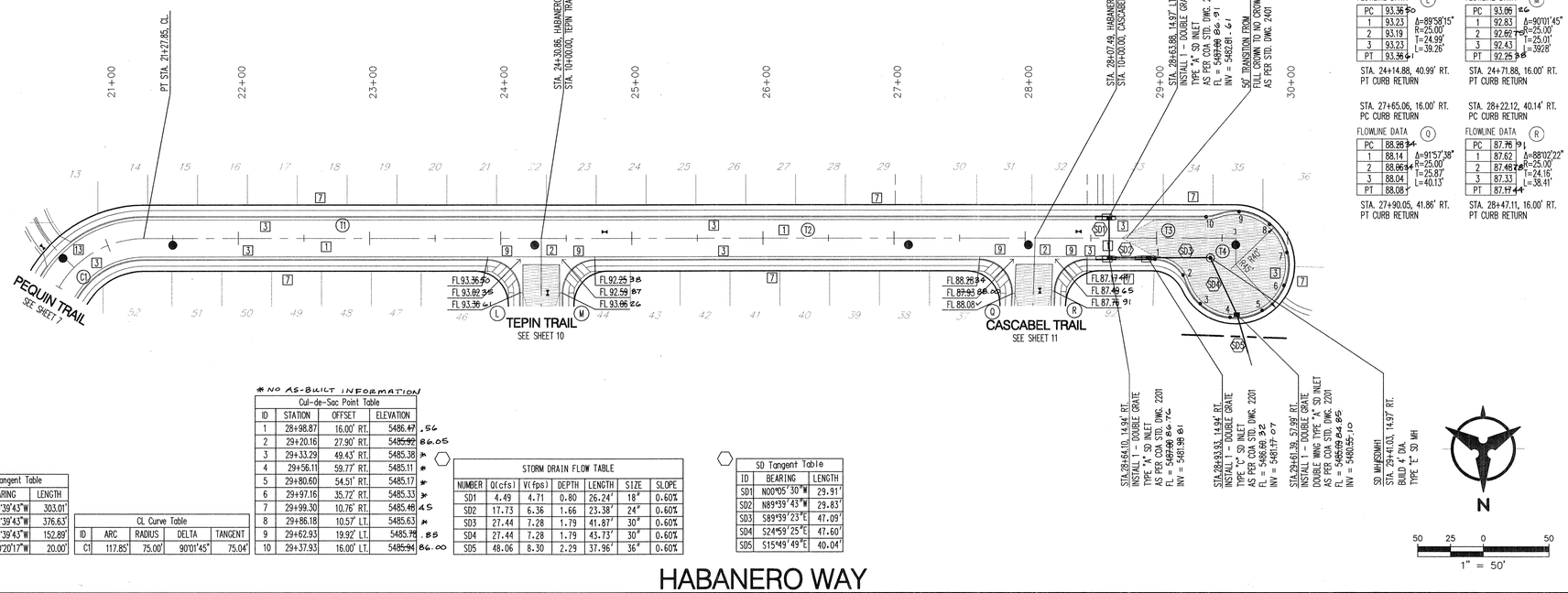
Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
PAVING PLAN AND PROFILE
PEQUIN TRAIL STA. 17+00.00 - 20+50.00

Design Review Committee: APPROVED APR 19 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED APR 28 2004 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 732881 | Zone Map No. L-21-Z | Sheet 7 Of 23



STA. 23+89.88, 16.00' RT.
PC CURB RETURN

FLOWLINE DATA (L)

PC	93.36 50	
1	93.23	Δ=89°58'15"
2	93.19	R=25.00'
3	93.23	T=24.99'
PT	93.36 61	L=39.26'

STA. 24+14.88, 40.99' RT.
PT CURB RETURN

STA. 24+46.88, 41.01' RT.
PC CURB RETURN

FLOWLINE DATA (M)

PC	93.06 26	
1	92.83	Δ=90°01'45"
2	92.62 79	R=25.00'
3	92.43	T=25.01'
PT	92.25 98	L=39.28'

STA. 24+71.88, 16.00' RT.
PT CURB RETURN

STA. 27+65.06, 16.00' RT.
PC CURB RETURN

FLOWLINE DATA (Q)

PC	88.28 34	
1	88.14	Δ=91°57'38"
2	88.06 34	R=25.00'
3	88.04	T=25.87'
PT	88.08	L=40.13'

STA. 27+90.05, 41.86' RT.
PT CURB RETURN

STA. 28+22.12, 40.14' RT.
PC CURB RETURN

FLOWLINE DATA (R)

PC	87.76 91	
1	87.62	Δ=88°02'22"
2	87.48 78	R=25.00'
3	87.33	T=24.16'
PT	87.17 44	L=38.41'

STA. 28+47.11, 16.00' RT.
PT CURB RETURN

CL Tangent Table		
ID	BEARING	LENGTH
T1	N89°39'43"W	303.01'
T2	N89°39'43"W	376.63'
T3	N89°39'43"W	152.89'
T4	S00°20'17"W	20.00'

CL Curve Table					
ID	ARC	RADIUS	DELTA	TANGENT	
C1	117.85'	75.00'	90°01'45"	75.04'	

* NO AS-BUILT INFORMATION

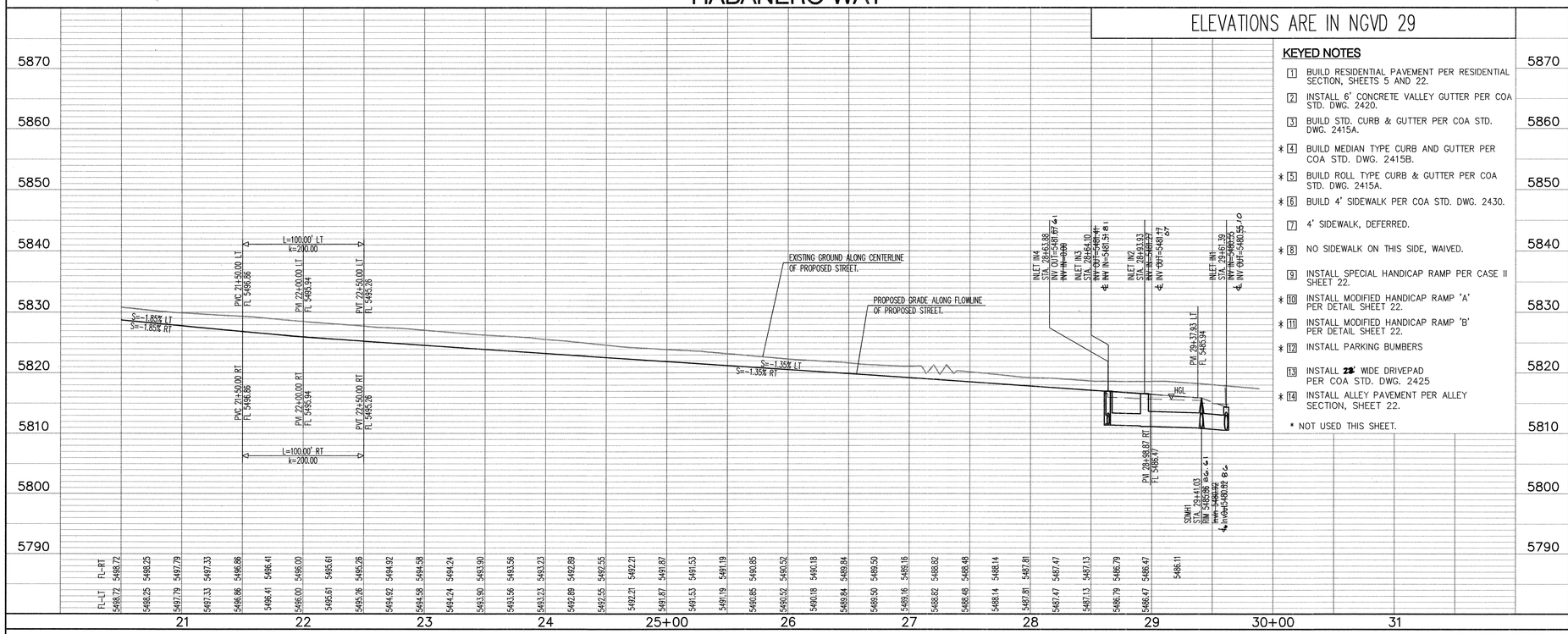
Cul-de-Sac Point Table				
ID	STATION	OFFSET	ELEVATION	
1	28+98.87	16.00' RT.	5486.47	.56
2	29+20.16	27.90' RT.	5485.92	86.05
3	29+33.29	49.43' RT.	5485.38	*
4	29+56.11	59.77' RT.	5485.11	*
5	29+80.60	54.51' RT.	5485.17	*
6	29+97.16	35.72' RT.	5485.33	*
7	29+99.30	10.76' RT.	5485.46	.45
8	29+86.18	10.57' LT.	5485.63	*
9	29+62.93	19.92' LT.	5485.78	.85
10	29+37.93	16.00' LT.	5485.94	86.00

STORM DRAIN FLOW TABLE							
NUMBER	Q(cfs)	V(fps)	DEPTH	LENGTH	SIZE	SLOPE
SD1	4.49	4.71	0.80	26.24'	18"	0.60%
SD2	17.73	6.36	1.66	23.38'	24"	0.60%
SD3	27.44	7.28	1.79	41.87'	30"	0.60%
SD4	27.44	7.28	1.79	43.73'	30"	0.60%
SD5	48.06	8.30	2.29	37.96'	36"	0.60%

SD Tangent Table		
ID	BEARING	LENGTH
SD1	N00°05'30"W	29.91'
SD2	N89°59'43"W	29.83'
SD3	S89°59'23"E	47.09'
SD4	S24°59'25"E	47.60'
SD5	S15°49'49"E	40.04'

HABANERO WAY

ELEVATIONS ARE IN NGVD 29



KEYED NOTES

1. BUILD RESIDENTIAL PAVEMENT PER RESIDENTIAL SECTION, SHEETS 5 AND 22.
2. INSTALL 6' CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420.
3. BUILD STD. CURB & GUTTER PER COA STD. DWG. 2415A.
4. * BUILD MEDIAN TYPE CURB AND GUTTER PER COA STD. DWG. 2415B.
5. * BUILD ROLL TYPE CURB & GUTTER PER COA STD. DWG. 2415A.
6. * BUILD 4' SIDEWALK PER COA STD. DWG. 2430.
7. 4' SIDEWALK, DEFERRED.
8. * NO SIDEWALK ON THIS SIDE, WAIVED.
9. INSTALL SPECIAL HANDICAP RAMP PER CASE II SHEET 22.
10. * INSTALL MODIFIED HANDICAP RAMP 'A' PER DETAIL SHEET 22.
11. * INSTALL MODIFIED HANDICAP RAMP 'B' PER DETAIL SHEET 22.
12. * INSTALL PARKING BUMBERS
13. INSTALL 23' WIDE DRIVEPAD PER COA STD. DWG. 2425
14. * INSTALL ALLEY PAVEMENT PER ALLEY SECTION, SHEET 22.

* NOT USED THIS SHEET.

NOTES

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2. ALL PAVING CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
4. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
5. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
6. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
7. REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE PER C.O.A. STD. DWG. 2415 (SAWCUT ONLY).
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14. MH RIMS AND CATCH BASIN INLET ELEVATIONS, VALVE BOXES, ARV, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.
15. SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
16. STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.
17. FLOWLINE ELEVATIONS FOR DROP DROP INLETS ARE PROJECTED FROM FLOWLINE OF STANDARD CURB TO MIDDLE OF DOWNHILL GRATE.
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20. DENOTES CROWN TRANSITION PER C.O.A STD. DWG. 2401.

AS-BUILT INFORMATION
CONTRACTOR Hydro Systems DATE 12/21/10
WORK STAKED BY CSC DATE
INSPECTOR'S ACCEPTANCE BY SEC DATE 12/22/04
FIELD VERIFICATION BY DATE 12/21/04
DRAWINGS CORRECTED BY DATE 12/22/04

BENCH MARKS
ACS BRASS TABLET STAMPED "6-L21, 1986"
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,558,220.58 Y= 1,481,283.33
Ground-to-Grid Factor = 0.999644584
ΔG = -00°09'28"
NAVD88 Elevation = 5503.35

MICROFILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
REGISTERED PROFESSIONAL ENGINEER 14674

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: 02/04
Drawn By: DH DATE: 02/04
Checked By: PLT DATE: 02/04

26 7323 31 0805

Bohannan ▲ Huston INC
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
PAVING PLAN AND PROFILE
HABANERO WAY STA. 20+50.00 - 30+00.00

Design Review Committee: APPROVED APR 19 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED MAY 20 2004 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 732881 | Zone Map No. L-21-Z | Sheet 8 Of 23

SCALE: 1" = 50' (HORIZ.) 1" = 10' (VERT.)

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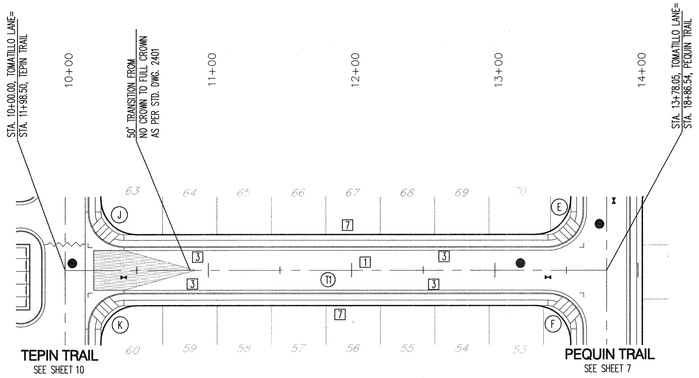


CL Tangent Table		
ID	BEARING	LENGTH
T1	N89°39'43"W	378.05'

SEE SHEET 10 FOR J & K QUARTER POINT INFORMATION

SEE SHEET 7 FOR E & F QUARTER POINT INFORMATION

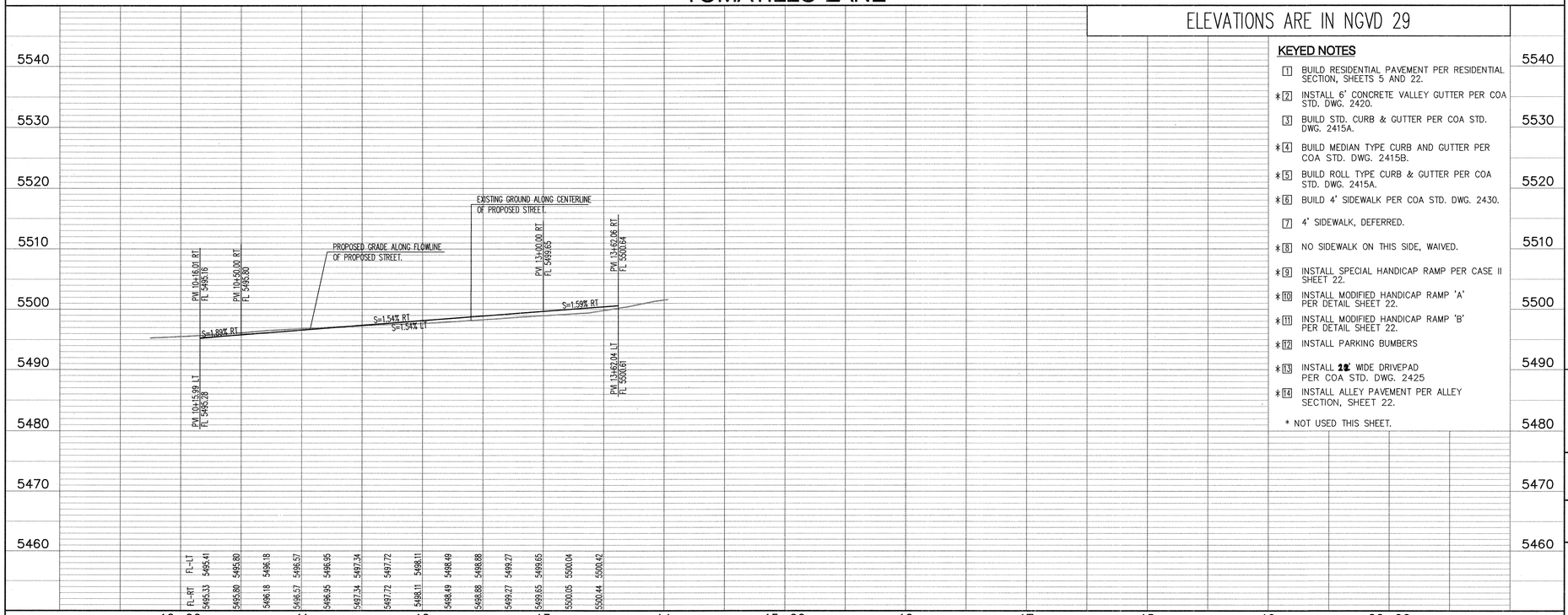
N

50 25 0 50

1" = 50'

TOMATILLO LANE

ELEVATIONS ARE IN NGVD 29



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20. DENOTES CROWN TRANSITION PER C.O.A STD. DWG. 2401.

AS-BUILT INFORMATION

		DATE
CONTRACTOR	Hydro Systems	11-22-04
WORK STAKED BY	CSC	DATE VAR.
INSPECTOR'S ACCEPTANCE BY	GSC	DATE 12-16-04
FIELD VERIFICATION BY	NO REVISIONS	DATE
DRAWINGS CORRECTED BY	CSC	DATE 12/20/04
MICROFILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

ACS BRASS TABLET STAMPED "6-L21, 1986"
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,558,220.58 Y= 1,481,283.33
Ground-to-Grid Factor = 0.999644584
$\Delta\alpha$ = -00°09'28"
NAVD88 Elevation = 5503.35

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 14674

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: 02/04
Drawn By: DH DATE: 02/04
Checked By: PLT DATE: 02/04

26 7 3 2 8 1 8 1 1 0 9 0 5

Bohannan ▲ Huston INC.

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
PAVING PLAN AND PROFILE
TOMATILLO LANE

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED APR 19 2004 DEPUTY REVIEW COMMITTEE	APPROVED MAY 28 2004 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	9	23

SCALE: 1" = 50' (HORIZ.) 1" = 10' (VERT.)

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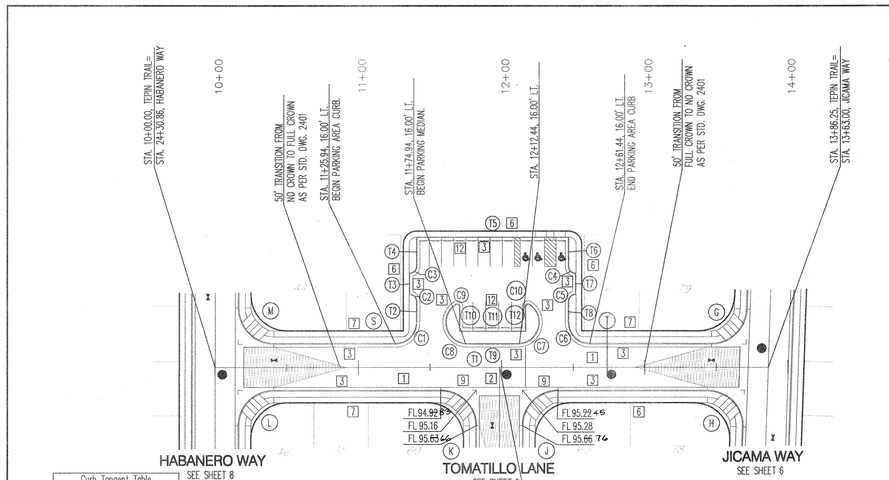


STA. 11+57.48, 16.00' RT.
PC CURB RETURN

FLOWLINE DATA (K)

PC	94.92 ~~83~~	
1	95.05	Δ=90°01'45"
2	95.22 ~~34~~	R=25.00'
3	95.41	L=25.01'
PT	95.83 ~~66~~	L=39.28'

STA. 11+82.48, 41.01' RT.
PT CURB RETURN

STA. 12+14.48, 40.99' RT.
PC CURB RETURN

FLOWLINE DATA (J)

PC	95.66 ~~76~~	
1	95.49	Δ=89°58'15"
2	95.36 ~~41~~	R=25.00'
3	95.27	L=24.99'
PT	95.22 ~~45~~	L=39.26'

STA. 12+39.48, 16.00' RT.
PT CURB RETURN

STA. 11+40.94, 31.00' LT.
PC CURB RETURN

FLOWLINE DATA (S)

PC	94.65 ~~97~~	
1	94.66	Δ=90°00'00"
2	94.84 ~~50~~	R=15.00'
3	94.59	L=15.00'
PT	94.58 ~~93~~	L=23.56'

STA. 11+26.10, 16.00' LT.
PT CURB RETURN

STA. 12+61.44, 16.00' LT.
PC CURB RETURN

FLOWLINE DATA (T)

PC	95.09 ~~24~~	
1	95.14	Δ=90°00'00"
2	95.18 ~~29~~	R=15.00'
3	95.22	L=15.00'
PT	95.25 ~~65~~	L=23.56'

STA. 12+46.44, 31.00' LT.
PT CURB RETURN

Curb Tangent Table

ID	BEARING	LENGTH
T2	N89°41'28"W	14.50'
T3	S89°41'28"E	14.00'
T4	N89°41'28"W	20.00'
T5	N00°18'32"E	105.50'
T6	S89°41'28"E	20.00'
T7	S89°41'28"E	14.00'
T8	S89°41'28"E	14.50'
T9	S00°18'32"W	35.50'
T10	N89°41'28"W	16.95'
T11	N00°18'32"E	45.50'
T12	S89°41'28"E	16.95'

Curb Curve Table

ID	ARC	RADIUS	DELTA	TANGENT
C1	23.56'	15.00'	90°00'00"	15.00'
C2	7.85'	5.00'	90°00'00"	5.00'
C3	7.85'	5.00'	90°00'00"	5.00'
C4	7.85'	5.00'	90°00'00"	5.00'
C5	7.85'	5.00'	90°00'00"	5.00'
C6	23.56'	15.00'	90°00'00"	15.00'
C7	38.59'	15.00'	147°25'16"	51.33'
C8	38.59'	15.00'	147°25'16"	51.33'
C9	4.28'	2.00'	122°34'44"	3.65'
C10	4.28'	2.00'	122°34'44"	3.65'

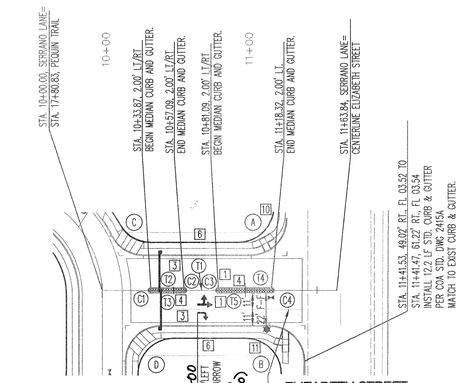
CL Tangent Table

ID	BEARING	LENGTH
T1	N00°18'32"E	386.25'

SEE SHEET 8 FOR M & L QUARTER POINT INFORMATION

SEE SHEET 6 FOR G & H QUARTER POINT INFORMATION

TEPIN TRAIL



ENTRANCE MEDIAN DETAIL

SEE SHEET 7 FOR C & D QUARTER POINT INFORMATION

CL Tangent Table

ID	BEARING	LENGTH
T1	N89°41'28"W	163.84'

Curb Curve Table

ID	ARC	RADIUS	DELTA	TANGENT
C1	6.28'	2.00'	180°00'00"	------
C2	6.29'	2.00'	180°05'45"	------
C3	6.29'	2.00'	180°05'45"	------
C4	6.28'	2.00'	180°00'00"	------

Curb Tangent Table

ID	BEARING	LENGTH
T2	N89°41'11"W	23.22'
T3	N89°41'11"W	23.22'
T4	N89°41'41"W	43.47'
T5	N89°41'41"W	43.47'

STA. 11+29.02', 49.80' LT.
PC CURB RETURN

FLOWLINE DATA (A)

PC	04.34 ~~20~~	
1	0.400	Δ=91°49'58"
2	03.66 ~~67~~	R=25.00'
3	03.32	L=40.07'
PT	02.98 ~~95~~	L=25.81'

STA. 11+04.03', 24.00' LT.
PT CURB RETURN

STA. 11+16.53, 24.00' RT.
PC CURB RETURN

FLOWLINE DATA (B)

PC	03.38 ~~50~~	
1	03.42	Δ=90°02'34"
2	03.46 ~~21~~	R=25.00'
3	03.50	L=39.29'
PT	03.54	L=25.02'

STA. 11+41.53, 49.02' RT.
PT CURB RETURN

Median Point Table

POINT	STATION	OFFSET	ELEVATION
M1	10+33.87	2.00' LT.	5500.18 ~~41~~
M2	10+45.48	2.00' LT.	5500.64 ~~94~~
M3	10+57.09	2.00' LT.	5501.11 ~~47~~
M4	10+81.09	2.00' LT.	5502.07 ~~51~~
M5	10+99.71	2.00' LT.	5502.81 ~~3.16~~
M6	11+18.32	2.00' LT.	5503.56 ~~81~~
M7	11+18.32	2.00' RT.	5503.56 ~~78~~
M8	10+99.71	2.00' RT.	5502.81 ~~3.16~~
M9	10+81.09	2.00' RT.	5502.07 ~~64~~
M10	10+57.09	2.00' RT.	5501.11 ~~53~~
M11	10+45.48	2.00' RT.	5500.64 ~~01.03~~
M12	10+33.87	2.00' RT.	5500.18 ~~62~~

SEE SHEET 5 FOR REMOVAL OF EXISTING ASPHALT, C & G

N

50 25 0 50
1" = 50'

SERRANO LANE

NOTES

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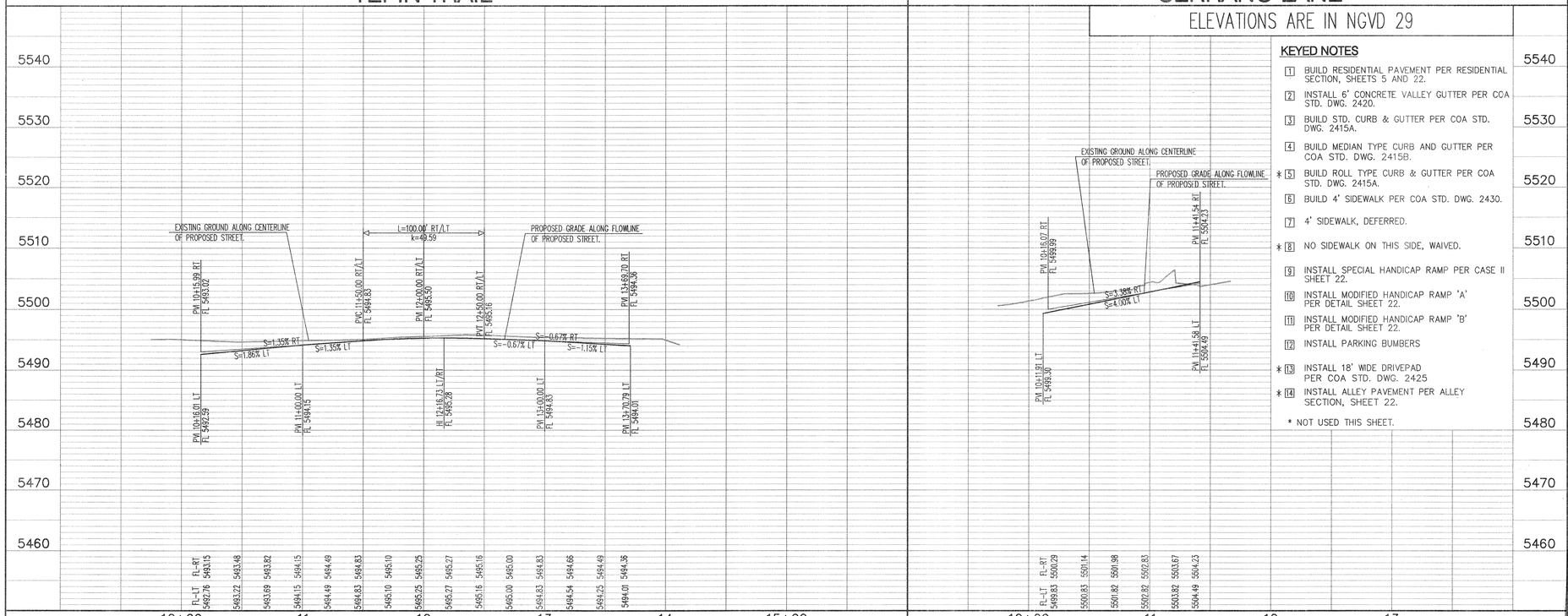
20. DENOTES CROWN TRANSITION PER C.O.A STD. DWG. 2401.



KEYED NOTES

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2. INSTALL 6' CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420.
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11. INSTALL MODIFIED HANDICAP RAMP 'B' PER DETAIL SHEET 22.
12. INSTALL PARKING BUMBERS
* 13. INSTALL 18' WIDE DRIVEPAD PER COA STD. DWG. 2425
* 14. INSTALL ALLEY PAVEMENT PER ALLEY SECTION, SHEET 22.

* NOT USED THIS SHEET.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 7328.81 1005

Bohannan ▲ Huston Inc.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
PAVING PLAN AND PROFILE
TEPIN TRAIL AND SERRANO LANE

Design Review Committee: APPROVED APR 19 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED MAY 25 2004 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 732881 | Zone Map No. L-21-Z | Sheet 10 Of 23

AS-BUILT INFORMATION
CONTRACTOR: Lujan Sabo DATE 8/2/2004
WORK STAKED BY: CGE DATE 11/
WORK INSPECTED BY: SEC DATE 12/21/04
ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: CGE/ALE DATE 12/21/04
DRAWINGS CORRECTED BY: CGE/TOK DATE 12/21/04
MICROFILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BRASS TABLET STAMPED "6-L21, 1986"
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,558,220.58 Y= 1,481,283.33
Ground-to-Grid Factor = 0.999644584
ΔG = -00°09'28"
NAVD88 Elevation = 5503.35

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
REGISTERED PROFESSIONAL ENGINEER 14674 4/12/04

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: 02/04
Drawn By: DH DATE: 02/04
Checked By: PLT DATE: 02/04

SCALE: 1" = 50' (HORIZ.) 1" = 10' (VERT.)

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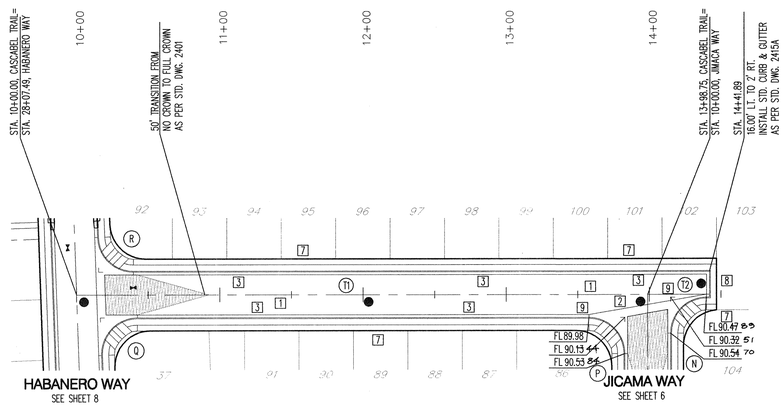
April 12, 2004 - 10:39am

SCANNED BY MESA REPRO



STA. 13+57.77, 16.00' RT.
PC CURB RETURN

FLOWLINE DATA (P)

PC	89.98	Δ=89°58'31"
1	90.07	R=25.00'
2	90.49	T=24.99'
3	90.35	L=39.26'
PT	90.53	

STA. 13+82.77, 40.99' RT.
PT CURB RETURN

STA. 14+14.76, 27.01' RT.
PC CURB RETURN

FLOWLINE DATA (N)

PC	90.54	Δ=90°01'29"
1	90.45	R=25.00'
2	90.41	T=25.01'
3	90.42	L=39.28'
PT	90.47	

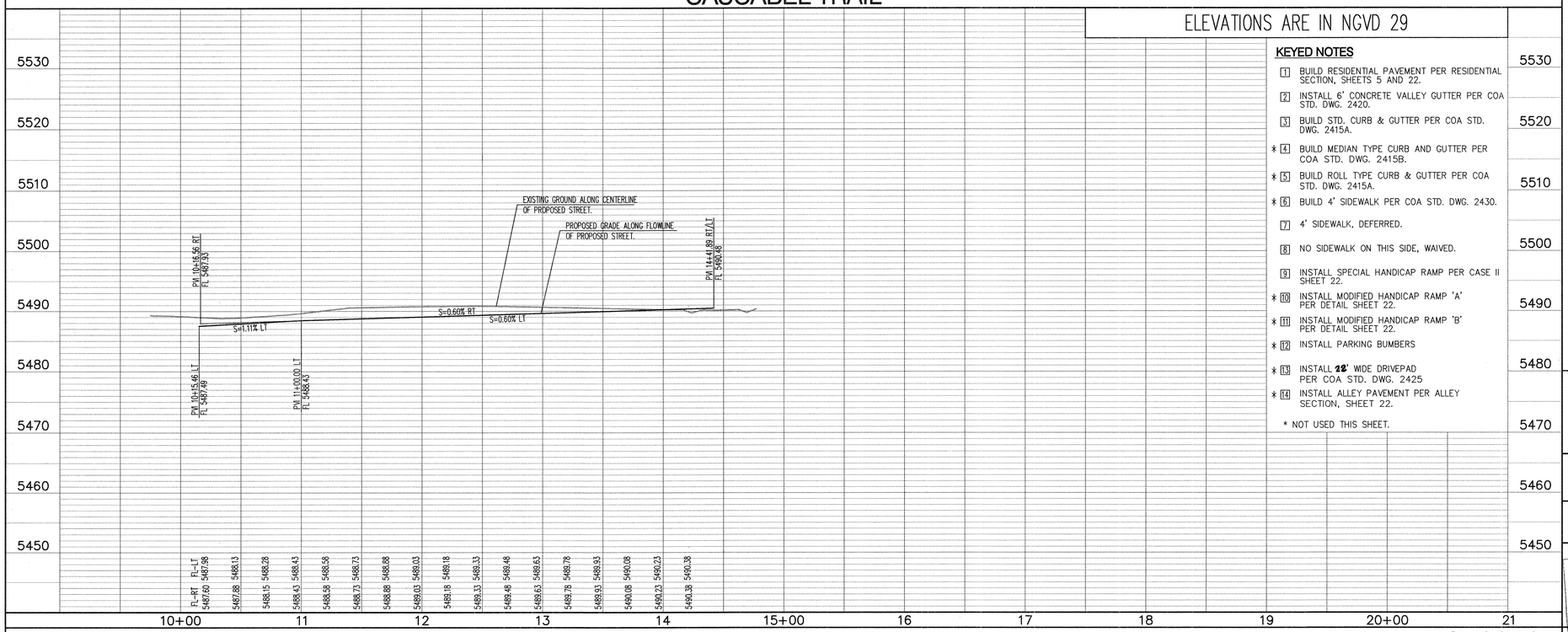
STA. 14+39.76, 2.00' RT.
PT CURB RETURN

Tangent Table		
ID	BEARING	LENGTH
T1	N02°17'55"E	398.75'
T2	N02°17'55"E	43.14'

SEE SHEET X FOR
R & Q QUARTER
POINT INFORMATION

CASCABEL TRAIL

ELEVATIONS ARE IN NGVD 29



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13. * INSTALL **22'** WIDE DRIVEPAD PER COA STD. DWG. 2425
14. * INSTALL ALLEY PAVEMENT PER ALLEY SECTION, SHEET 22.

* NOT USED THIS SHEET.

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Z

50 25 0 50
1" = 50'

AS-BUILT INFORMATION

CONTRACTOR		DATE
WORK STAKED BY	WMC	DATE
INSPECTOR'S ACCEPTANCE BY	SCC	DATE
FIELD VERIFICATION BY		DATE
DRAWINGS CORRECTED BY		DATE

MICROFILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS BRASS TABLET STAMPED "6-L21, 1986"
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,558,220.58 Y= 1,481,283.33
Ground-to-Grid Factor = 0.999644584
ΔΦ = -00°09'28"
NAVD88 Elevation = 5503.35

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

REGISTERED PROFESSIONAL ENGINEER 14674 10/04

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: 02/04
Drawn By: DH DATE: 02/04
Checked By: PLT DATE: 02/04

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 2 3 2 8 . 8 1 1 1 1 0 5

Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
PAVING PLAN AND PROFILE
CASCABEL TRAIL

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED APR 19 2004 DESIGN REVIEW COMMITTEE	APPROVED MAY 28 2004 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	11	23

SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

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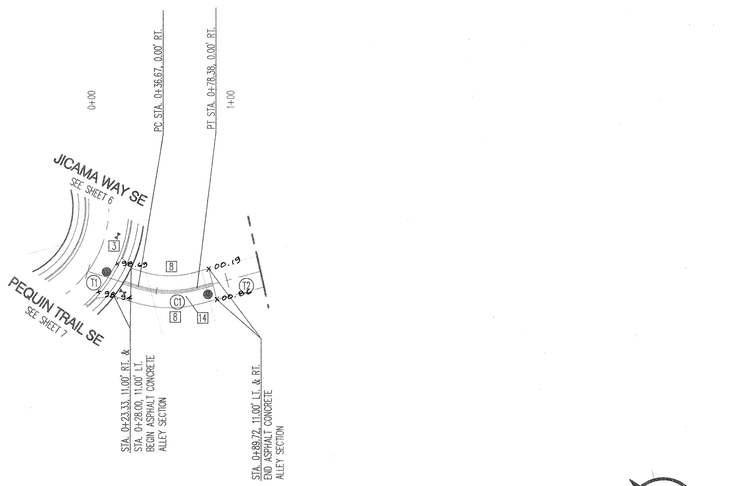
March 19, 2004 - 8:43am

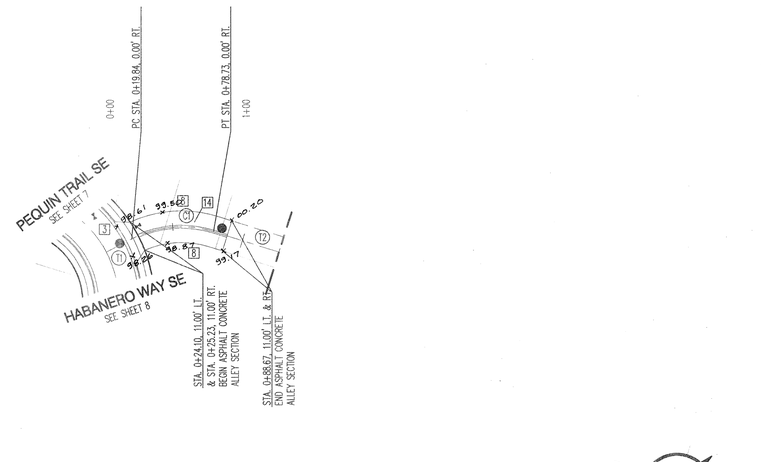
SCANNED BY
MESA REPRO



CL Tangent Table		
ID	BEARING	LENGTH
T1	N32°01'10"E	36.67'
T2	N00°18'32"E	45.72'

CL Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C1	41.71'	75.00'	31°52'01"	21.41'

ALLEY 1



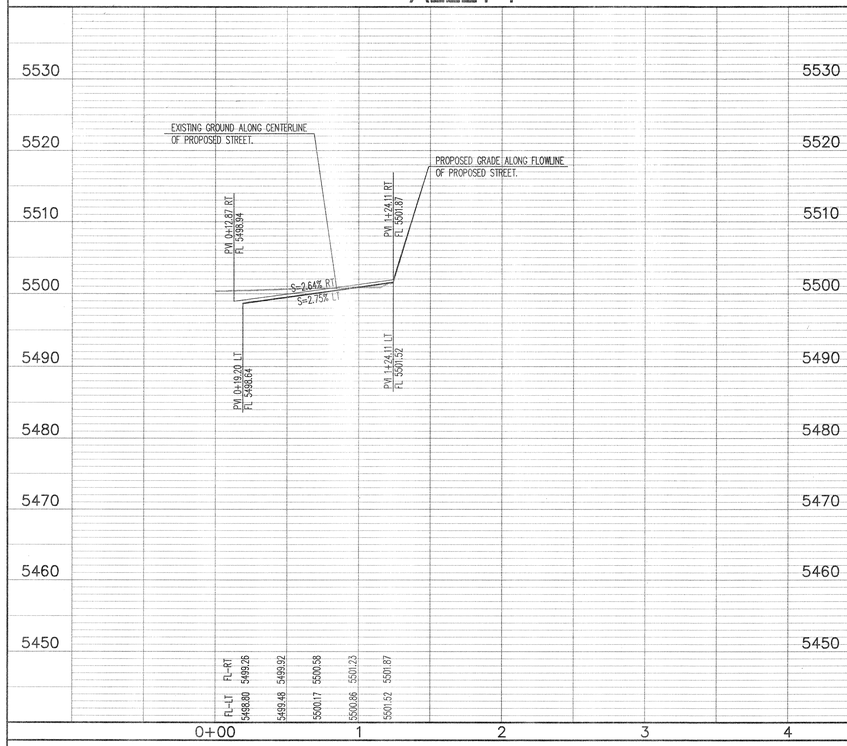
CL Tangent Table		
ID	BEARING	LENGTH
T1	S44°40'36"E	19.84'
T2	S00°18'32"W	47.95'

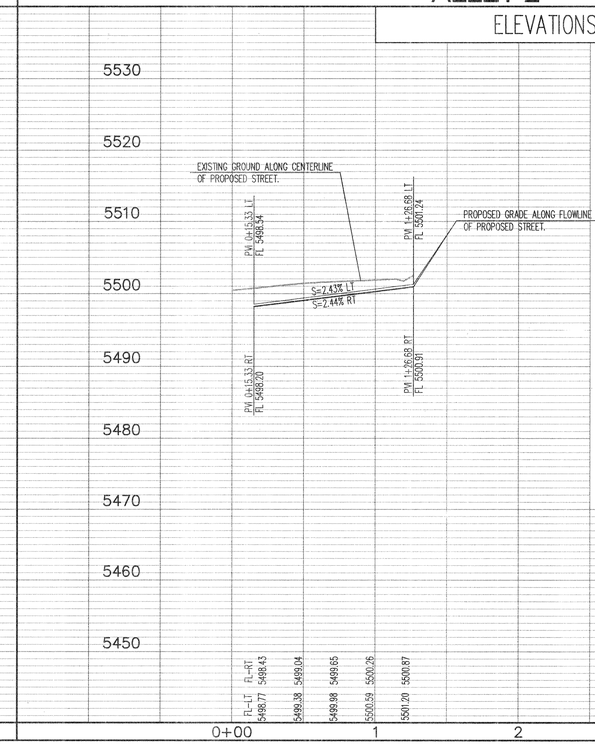
CL Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C1	58.89'	75.00'	44°59'07"	31.05'

50 25 0 50
1" = 50'

ALLEY 2

ELEVATIONS ARE IN NGVD 29





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April 12, 2004 - 10:06am

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 7 3 2 8 . 8 1 1 2 0 5

Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
PAVING PLAN AND PROFILE
ALLEY 1 AND ALLEY 2

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED APR 19 2004 DESIGN REVIEW COMMITTEE	APPROVED MAY 28 2004 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	12	23

AS-BUILT INFORMATION
CONTRACTOR Apache Sign Inc DATE 4/14/06
WORK STAKED BY CSC DATE N/A
INSPECTOR'S ACCEPTANCE BY SEC DATE 2/23/06
FIELD VERIFICATION BY CSC/RLE DATE 2/21/06
DRAWINGS CORRECTED BY CSC/TCK DATE 3/22/06
MICROFILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BRASS TABLET STAMPED "6-L21, 1986"
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,558,220.58 Y= 1,481,283.33
Ground-to-Grid Factor = 0.999644584
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SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
Pamela D. Mathes
NEW MEXICO 14674 REGISTERED PROFESSIONAL ENGINEER
4/12/04

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: 02/04
Drawn By: DH DATE: 02/04
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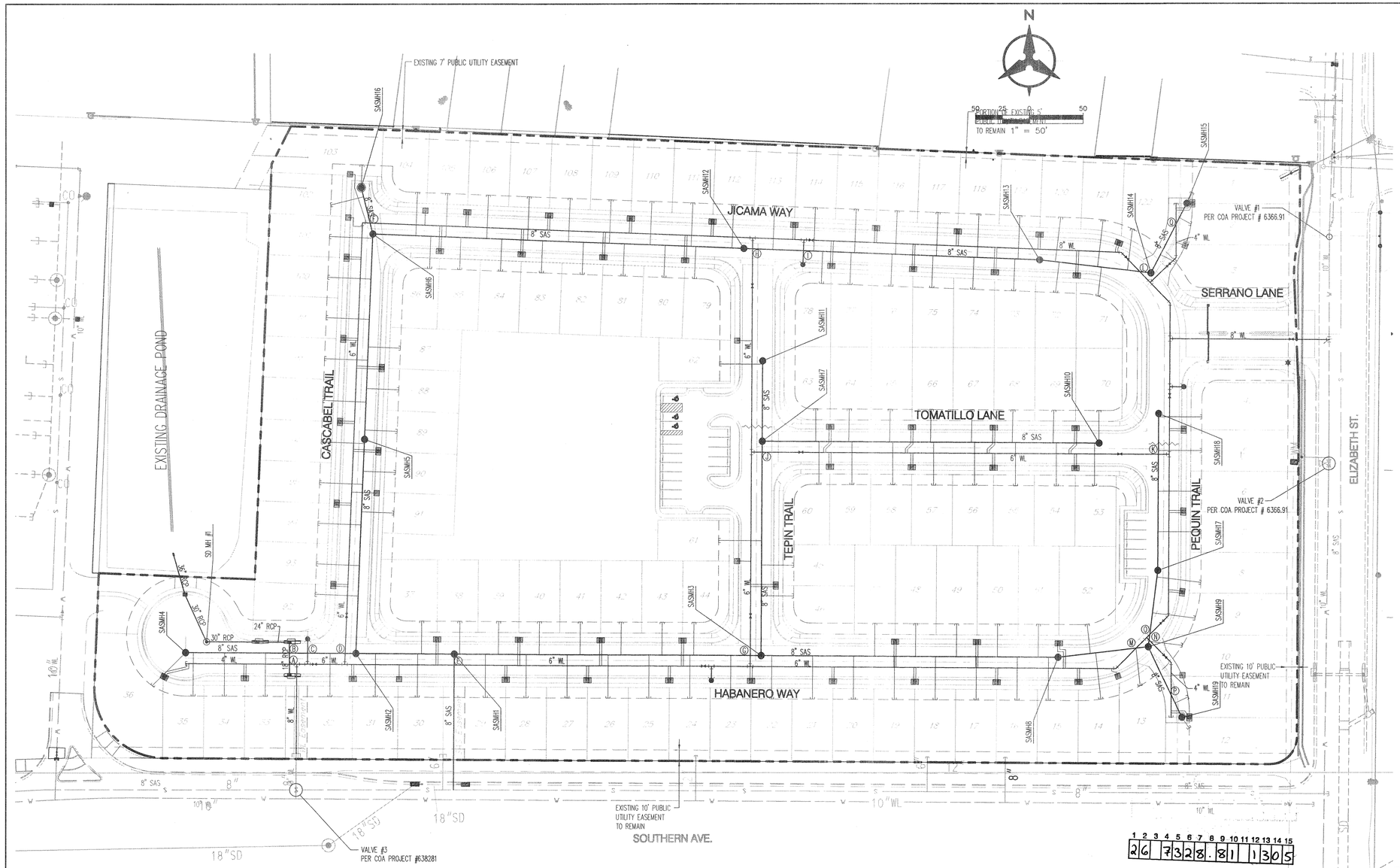

Crossings				
DES	SAS	SD	WL	Clearance
A	- - - - - -	18" TP 84.47	4" TP 81.41	**1.14
	- - - - - -	18" BP 82.55	4" BP 81.05	
B	8" TP 79.26	18" TP 84.41	- - - - - -	3.22
	8" BP 78.56	18" BP 82.49	- - - - - -	
C	8" TP 79.16	- - - - - -	6" TP 82.63	2.92
	8" BP 78.46	- - - - - -	6" BP 82.09	
D	8" TP 78.95	- - - - - -	6" TP 82.43	2.93
	8" BP 78.25	- - - - - -	6" BP 81.89	
E	8" TP 78.14	- - - - - -	6" TP 84.19	5.50
	8" BP 77.43	- - - - - -	6" BP 83.64	
F	8" TP 84.44	- - - - - -	6" TP 86.49	1.51
	8" BP 83.73	- - - - - -	6" BP 85.95	
G	8" TP 85.86	- - - - - -	6" TP 89.15	2.74
	8" BP 85.16	- - - - - -	6" BP 88.61	
H	8" TP 87.42	- - - - - -	6" TP 90.47	2.50
	8" BP 86.71	- - - - - -	6" BP 89.92	
I	8" TP 87.96	- - - - - -	6" TP 91.12	2.63

DES	SAS	SD	WL	Clearance
	8" BP 87.25	- - - - - -	6" BP 90.58	
J	8" TP 88.42	- - - - - -	6" TP 91.65	2.68
	8" BP 87.72	- - - - - -	6" BP 91.10	
K	8" TP 93.58	- - - - - -	6" TP 96.79	2.67
	8" BP 92.87	- - - - - -	6" BP 96.25	
L	8" TP 91.77	- - - - - -	6" TP 94.89	2.57
	8" BP 91.07	- - - - - -	6" BP 94.35	
M	8" TP 91.36	- - - - - -	6" TP 94.49	2.59
	8" BP 90.65	- - - - - -	6" BP 93.95	
N	8" TP 91.67	- - - - - -	4" TP 94.61	2.58
	8" BP 90.96	- - - - - -	4" BP 94.25	
O	8" TP 91.77	- - - - - -	6" TP 94.82	2.51
	8" BP 91.07	- - - - - -	6" BP 94.28	
P	8" TP 92.51	- - - - - -	4" TP 95.27	2.40
	8" BP 91.80	- - - - - -	4" BP 94.91	
Q	8" TP 93.12	- - - - - -	4" TP 95.87	2.39
	8" BP 92.41	- - - - - -	4" BP 95.51	

MATERIALS:

SAS LINE: SDR-35 PVC
WATER LINE: C900-PVC

WATER SHUT-OFF PLAN:

FOR CONNECTION	VALVE CLOSED
ELIZABETH STREET S.E.	1 & 2
SOUTHERN AVE. S.E.	3

CONTRACTOR WILL BE RESPONSIBLE FOR FLUSHING, DISINFECTING, AND TESTING THE LINES AS REQUIRED BY THE NEW MEXICO UTILITIES INC.

WATER SHUT-OFF REQUIREMENTS:

CONTRACTOR, WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUCTION WITH THE COMPLETION OF CONNECTIONS. AT LEAST SEVEN (7) WORKING DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT CITY OF ALBUQUERQUE. TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN. CONTRACTOR SHALL NOT OPERATE VALVES ON THE PROJECT.

LEGEND

- PROPERTY LINE
- NEW EASEMENT
- SAS — EXISTING SANITARY SEWER
- W — EXISTING WATER LINE
- EXISTING STORM DRAIN
- EXISTING WATER METER
- EXISTING CAP
- EXISTING VALVE
- EXISTING FIRE HYDRANT
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAIN
- SAS — PROPOSED SANITARY SEWER
- WL — PROPOSED WATER LINE
- PROPOSED VALVE
- PROPOSED HYDRANT
- PROPOSED CAP
- PROPOSED WATER METER
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STORM DRAIN
- PROPOSED STREET LIGHT

AS-BUILT INFORMATION

		DATE
CONTRACTOR	Sofco-Sirbus	12/23/04
WORK STAKED BY	CSC	DATE
INSPECTOR'S ACCEPTANCE BY	SOC	DATE 12/23/04
FIELD VERIFICATION BY	W.O. #6 AS BUILT INFO	DATE
DRAWINGS CORRECTED BY		DATE 12/28/04
MICROFILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

ACS BRASS TABLET STAMPED "6-L21, 1986"
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,558,220.58 Y= 1,481,283.33
Ground-to-Grid Factor = 0.999644584
$\Delta\alpha$ = -00°09'28"
NAVD88 Elevation = 5503.35

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

STATE OF NEW MEXICO 14674 REGISTERED PROFESSIONAL ENGINEER 4/12/04

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: 02/04
Drawn By: DH DATE: 02/04
Checked By: PLT DATE: 02/04

Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
OVERALL UTILITY PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED APR 19 2004 DESIGN REVIEW COMMITTEE	APPROVED MAY 28 2004 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	13	23

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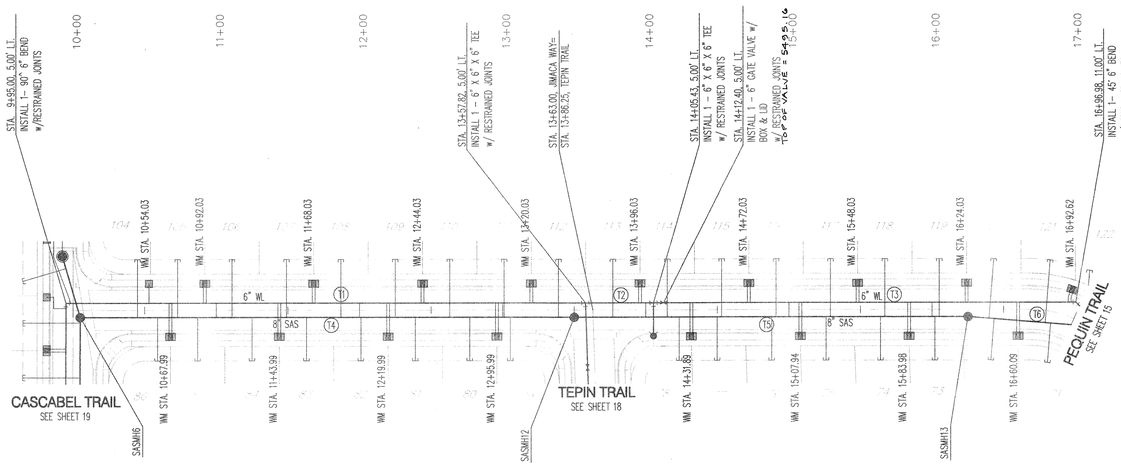
April 12, 2004 - 10:06am



WL Tangent Table		
ID	BEARING	LENGTH
T1	S87°43'34"E	362.82'
T2	S87°43'34"E	47.61'
T3	S87°43'34"E	294.93'

SAS Tangent Table		
ID	BEARING	LENGTH
T4	S87°43'34"E	345.00'
T5	S87°43'34"E	275.00'
T6	N83°08'21"W	104.06'

SANITARY SEWER SERVICES			
LOT ID	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISER)
71	16+84.52, 8.17'RT.	27.22'	5492.47
72	16+43.33, 6.47'RT.	28.62'	5491.94
73	16+02.99, 5.00'RT.	30.00'	5491.45
74	15+64.97, 5.00'RT.	30.00'	5491.02
75	15+26.95, 5.00'RT.	30.00'	5490.59
76	14+88.93, 5.00'RT.	30.00'	5490.16
77	14+50.91, 5.00'RT.	30.00'	5489.73
78	14+23.32, 5.00'RT.	30.00'	5489.42
79	13+05.33, 5.00'RT.	30.00'	5488.20
80	12+76.99, 5.00'RT.	30.00'	5487.95
81	12+38.99, 5.00'RT.	30.00'	5487.63
82	12+00.99, 5.00'RT.	30.00'	5487.30
83	11+62.99, 5.00'RT.	30.00'	5486.98
84	11+24.99, 5.00'RT.	30.00'	5486.65
85	10+86.99, 5.00'RT.	30.00'	5486.33
86	10+58.98, 5.00'RT.	30.00'	5486.09
104	10+45.03, 5.00'RT.	40.00'	5486.17
105	10+73.03, 5.00'RT.	40.00'	5486.41
106	11+11.03, 5.00'RT.	40.00'	5486.73
107	11+49.03, 5.00'RT.	40.00'	5487.06
108	11+87.03, 5.00'RT.	40.00'	5487.38
109	12+25.03, 5.00'RT.	40.00'	5487.71
110	12+63.03, 5.00'RT.	40.00'	5488.03
111	13+01.03, 5.00'RT.	40.00'	5488.36
112	13+39.03, 5.00'RT.	40.00'	5488.68
113	13+77.03, 5.00'RT.	40.00'	5489.09
114	14+15.03, 5.00'RT.	40.00'	5489.52
115	14+53.03, 5.00'RT.	40.00'	5489.95
116	14+91.03, 5.00'RT.	40.00'	5490.38
117	15+29.03, 5.00'RT.	40.00'	5490.81
118	15+67.03, 5.00'RT.	40.00'	5491.25
119	16+05.03, 5.00'RT.	40.00'	5491.68
120	16+39.73, 6.18'RT.	41.31'	5492.14
121	16+80.39, 8.54'RT.	43.62'	5492.74
122	17+09.40, 0.99'RT.	38.68'	5493.04

NOTE: WATER METER LOCATIONS ARE DESIGNATED BY STATIONING AT PROPERTY CORNERS.

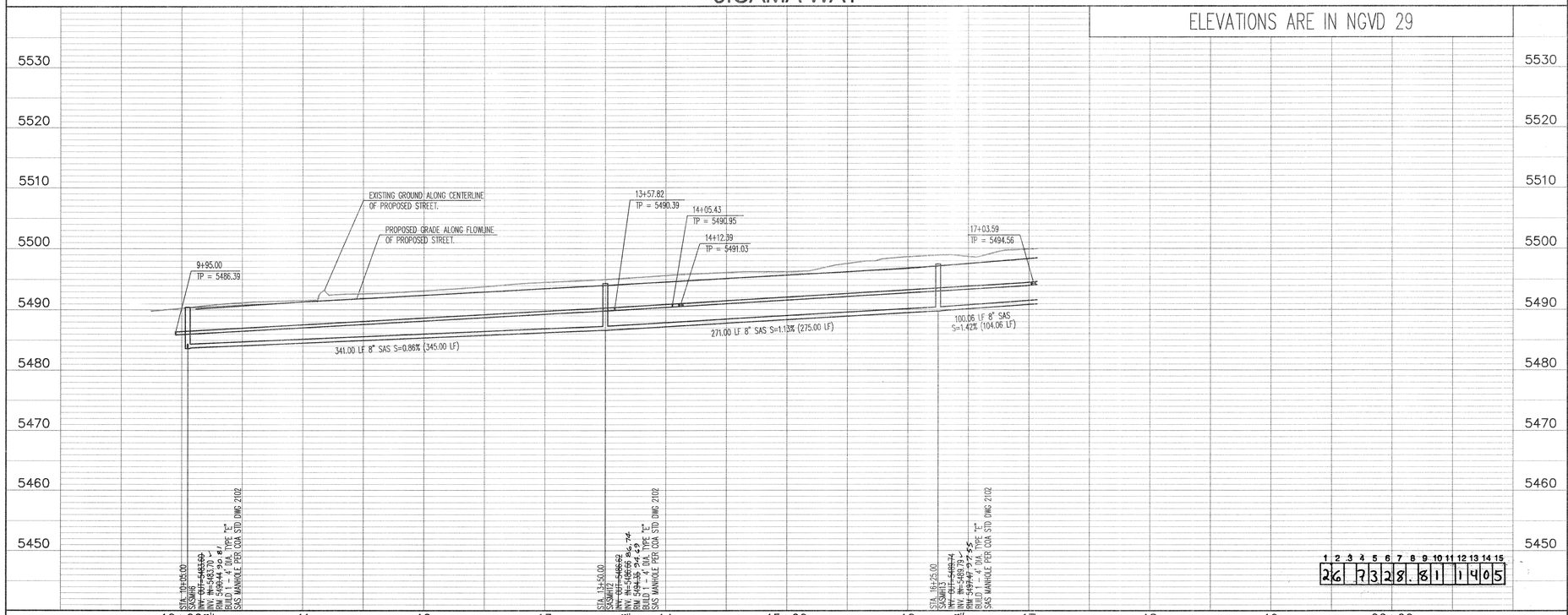
N

50 25 0 50

1" = 50'

JICAMA WAY

ELEVATIONS ARE IN NGVD 29



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 7 3 2 8. 8 1 1 4 0 5

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April 12, 2004 - 10:07am

SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

2. ALL PAVING CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

4. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.

5. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.

6. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.

7. REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE PER C.O.A. STD. DWG. 2415 (SAWCUT ONLY).

8. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

9. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART B.

10. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.

11. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.

12. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.

13. CONTRACTOR SHALL PROVIDE THE INSPECTORS (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.

14. MH RIMS AND CATCH BASIN INLET ELEVATIONS, VALVE BOXES, ARV, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.

15. SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.

16. STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.

17. FLOWLINE ELEVATIONS FOR DROP DROP INLETS ARE PROJECTED FROM FLOWLINE OF STANDARD CURB TO MIDDLE OF DOWNHILL GRATE.

18. FOR STORM DRAIN CONSTRUCTION: ALL RCP JOINTS SHALL BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION SHALL DETERMINE WHICH JOINTS ARE TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

19. ALL UTILITY CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESES.)

20. DENOTES CROWN TRANSITION PER C.O.A STD. DWG. 2401.

LEGEND

- DOUBLE WATER METER PER COA STD. DWGS 2361, 2362, 2366 & 2368
- SINGLE WATER METER PER COA STD. DWGS 2361, 2362, 2366 & 2368
- WATER LINE SHUTOFF VALVE PER STD. DWGS 2326 & 2328
- WATER LINE TEE
- SAS LATERAL
- SAS MANHOLE
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT

Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
UTILITY PLAN AND PROFILE
JICAMA WAY STA. 10+00.00 - 17+00.00

Design Review Committee: APR 19 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: MAY 28 2004 CITY ENGINEER
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	14	23

AS-BUILT INFORMATION
CONTRACTOR Hydro Systems DATE 12-23-04
WORK STAKED BY CSC DATE 11/12/04
ACCEPTANCE BY SEC DATE 12/12/04
REVIEW BY DRAWINGS CSC/TCK DATE 12-21-04
VERIFICATION BY CSC/RLB DATE 12-22-04
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BRASS TABLET STAMPED "6-L21, 1986"
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,558,220.58 Y= 1,481,283.33
Ground-to-Grid Factor = 0.999644384
$\Delta\alpha$ = -00°09'28"
NAVD88 Elevation = 5503.35

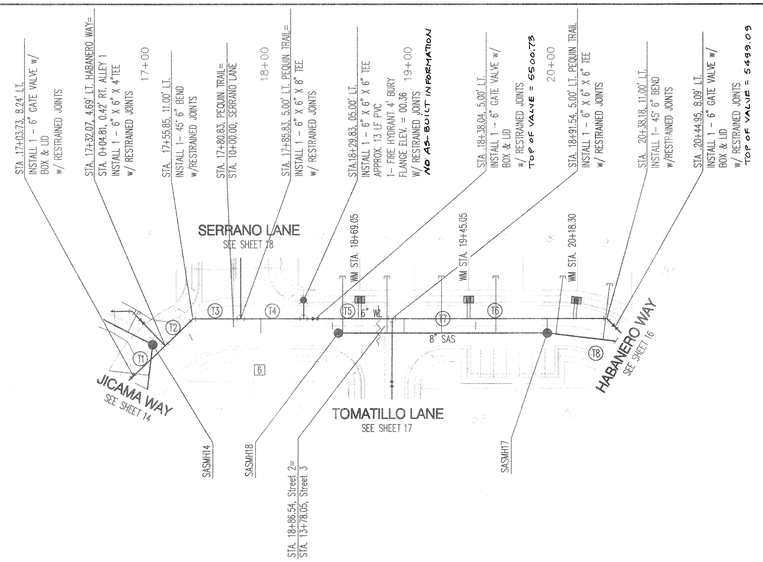
SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
Patricio Y. Taylor
14674
4/12/04
REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: 02/04
Drawn By: DH DATE: 02/04
Checked By: PLT DATE: 02/04

SCANNED BY MESA REPRO



WL Tangent Table		
ID	BEARING	LENGTH
T1	S43°42'31"E	38.89'
T2	S43°42'31"E	26.89'
T3	S00°18'32"W	33.35'
T4	S00°18'32"W	44.00'
T5	S00°18'32"W	61.71'
T6	S00°18'32"W	150.02'

SAS Tangent Table		
ID	BEARING	LENGTH
T7	S00°18'32"W	145.95'
T8	N07°11'23"E	70.58'

SANITARY SEWER SERVICES			
LOT ID	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISER)
4	18+57.05, 5.00'RT.	40.00'	5492.59 (3')
5	18+88.05, 5.00'RT.	40.00'	5495.06
6	19+26.05, 5.00'RT.	40.00'	5494.83
7	19+64.05, 5.00'RT.	40.00'	5494.60
8	20+06.13, 5.74'RT.	41.03'	5494.29
9	20+41.32, 3.56'RT.	39.69'	5493.61
10	20+64.31, 7.98'LT.	31.10'	5492.93

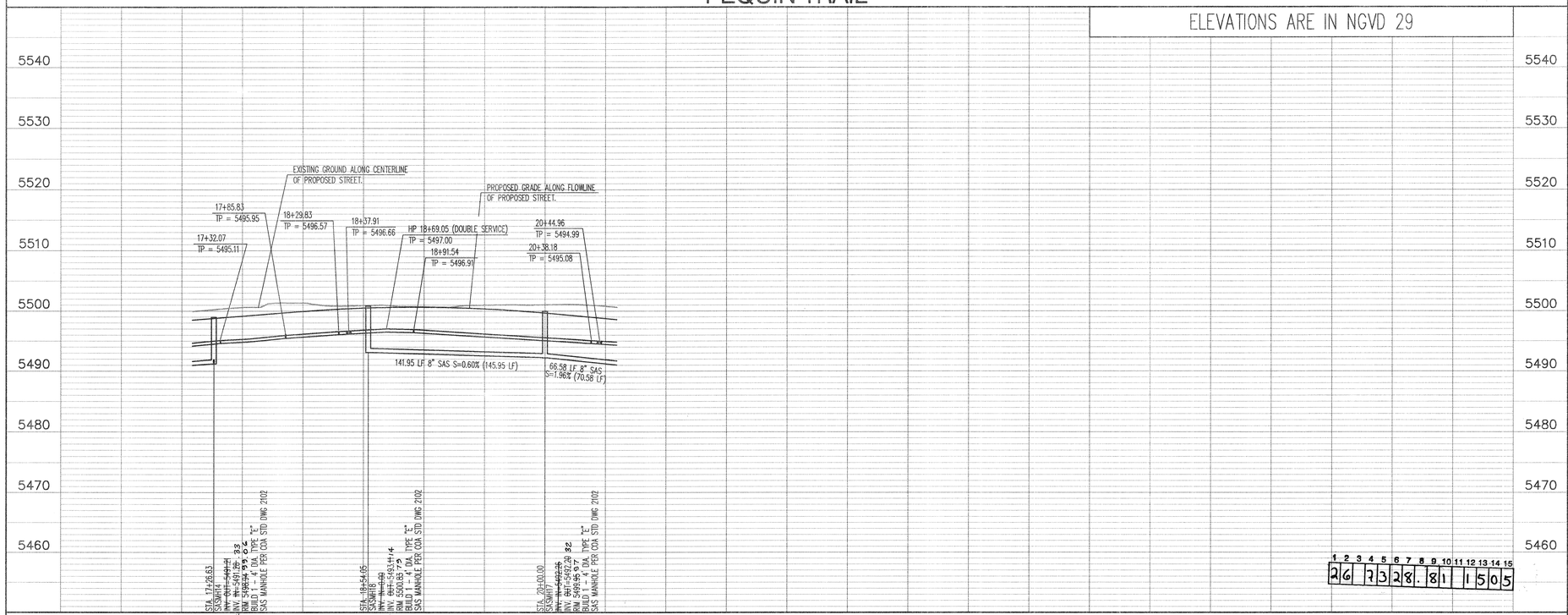
NOTE: WATER METER LOCATIONS ARE DESIGNATED BY STATIONING AT PROPERTY CORNERS.

N

50 25 0 50
1" = 50'

PEQUIN TRAIL

ELEVATIONS ARE IN NGVD 29



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 7 3 2 8 . 8 1 1 5 0 5

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20. DENOTES CROWN TRANSITION PER C.O.A STD. DWG. 2401.

LEGEND

- DOUBLE WATER METER PER COA STD. DWGS 2361, 2362, 2366 & 2368
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- WATER LINE SHUTOFF VALVE PER STD. DWGS 2326 & 2328
- WATER LINE TEE
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- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT

Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
UTILITY PLAN AND PROFILE
PEQUIN TRAIL STA. 17+00.00 - 20+50.00

Design Review Committee	City Engineer Approval		Mo./Day/Yr.	Mo./Day/Yr.
APPROVED APR 19 2004 DESIGN REVIEW COMMITTEE	APPROVED MAY 25 2004 CITY ENGINEER	Last Design Update		

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	15	23

AS-BUILT INFORMATION
CONTRACTOR 14 Ag Spades 12-17-09
WORK STAKED BY CSC DATE
MARKED UPS CSC DATE 12-17-09
ACCEPTANCE BY SEE DATE
VERIFICATION BY CSC 12/12 DATE 12-21-09
DRAWINGS CORRECTED BY CSC/TOK DATE 12-22-09
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BRASS TABLET STAMPED "6-L21, 1986"
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X= 1,558,220.58 Y= 1,481,283.33
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$\Delta\alpha$ = -00°09'28"
NAVD88 Elevation = 5503.35

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
Donald L. Hughes
NEW MEXICO
14674
4/12/04
REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: 02/04
Drawn By: DH DATE: 02/04
Checked By: PLT DATE: 02/04

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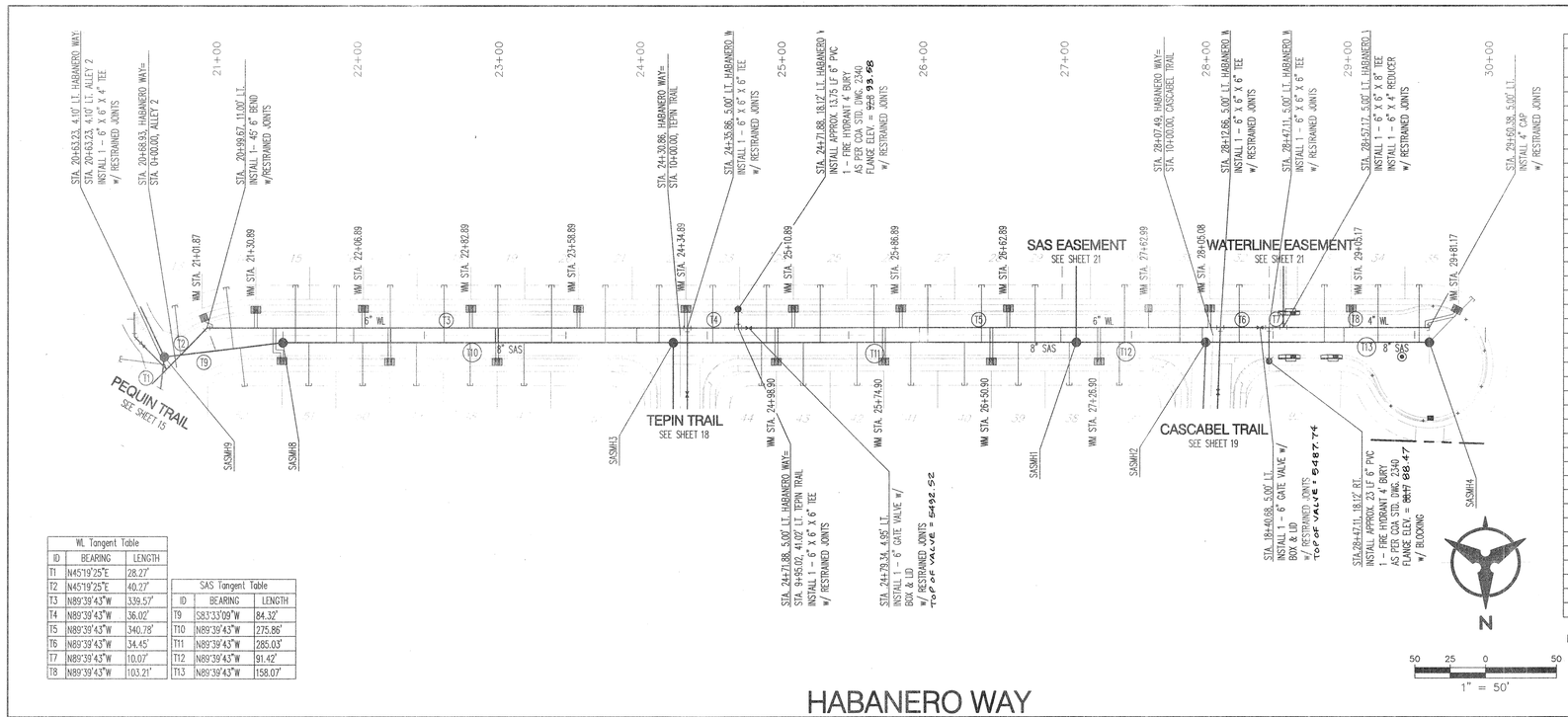
April 12, 2004 - 10:07am



WL Tangent Table		
ID	BEARING	LENGTH
T1	N45°19'25"E	28.27'
T2	N45°19'25"E	40.27'
T3	N89°39'43"W	339.57'
T4	N89°39'43"W	36.02'
T5	N89°39'43"W	340.78'
T6	N89°39'43"W	34.45'
T7	N89°39'43"W	10.07'
T8	N89°39'43"W	103.21'

SAS Tangent Table		
ID	BEARING	LENGTH
T9	S83°33'09"W	84.32'
T10	N89°39'43"W	275.86'
T11	N89°39'43"W	285.03'
T12	N89°39'43"W	91.42'
T13	N89°39'43"W	158.07'

SANITARY SEWER SERVICES			
LOT ID	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISER)
13	20+76.49, 4.27'LT.	34.55'	5492.71
14	21+13.44, 7.93'RT.	43.00'	5492.25
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16	21+87.90, 5.00'RT.	40.00'	5491.06
17	22+25.90, 5.00'RT.	40.00'	5490.51
18	22+63.90, 5.00'RT.	40.00'	5489.96
19	23+01.90, 5.00'RT.	40.00'	5489.41
20	23+39.90, 5.00'RT.	40.00'	5488.86
21	23+77.90, 5.00'RT.	40.00'	5488.31
22	24+15.90, 5.00'RT.	40.00'	5487.76
23	24+53.90, 5.00'RT.	40.00'	5486.82
24	24+91.90, 5.00'RT.	40.00'	5485.77
25	25+29.90, 5.00'RT.	40.00'	5484.71
26	25+67.90, 5.00'RT.	40.00'	5483.66
27	26+05.90, 5.00'RT.	40.00'	5482.60
28	26+43.90, 5.00'RT.	40.00'	5481.95
29	26+81.89, 5.00'RT.	40.00'	5481.58 (1')
30	27+43.99, 5.00'RT.	40.00'	5480.73
31	27+84.03, 5.00'RT.	40.00'	5480.17
32	28+26.13, 5.00'RT.	40.00'	5480.49
33	28+86.17, 5.00'RT.	40.00'	5480.85
34	29+24.17, 5.00'RT.	40.00'	5481.08
35	29+53.17, 5.00'RT.	40.00'	5481.26
36	29+60.38, 5.00'RT.	43.39'	5478.24 (-3')
37	27+41.32, 5.00'RT.	30.00'	5480.70 (1')
38	27+07.90, 5.00'RT.	30.00'	5481.24 (2')
39	26+69.90, 5.00'RT.	30.00'	5481.61 (1')
40	26+31.90, 5.00'RT.	30.00'	5482.28
41	25+93.90, 5.00'RT.	30.00'	5482.74
42	25+55.90, 5.00'RT.	30.00'	5483.79
43	25+17.90, 5.00'RT.	30.00'	5484.84
44	24+89.89, 5.00'RT.	30.00'	5485.62
47	23+20.38, 5.00'RT.	30.00'	5488.94
48	22+82.38, 5.00'RT.	30.00'	5489.49
49	22+44.38, 5.00'RT.	30.00'	5490.04
50	22+06.38, 5.00'RT.	30.00'	5490.59
51	21+68.38, 5.00'RT.	30.00'	5491.14
52	21+18.98, 8.11'RT.	26.89'	5491.85

NOTE: WATER METER LOCATIONS ARE DESIGNATED BY STATIONING AT PROPERTY CORNERS.

NOTES

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11. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.

12. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.

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15. SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.

16. STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.

17. FLOWLINE ELEVATIONS FOR DROP DROP INLETS ARE PROJECTED FROM FLOWLINE OF STANDARD CURB TO MIDDLE OF DOWNHILL GRATE.

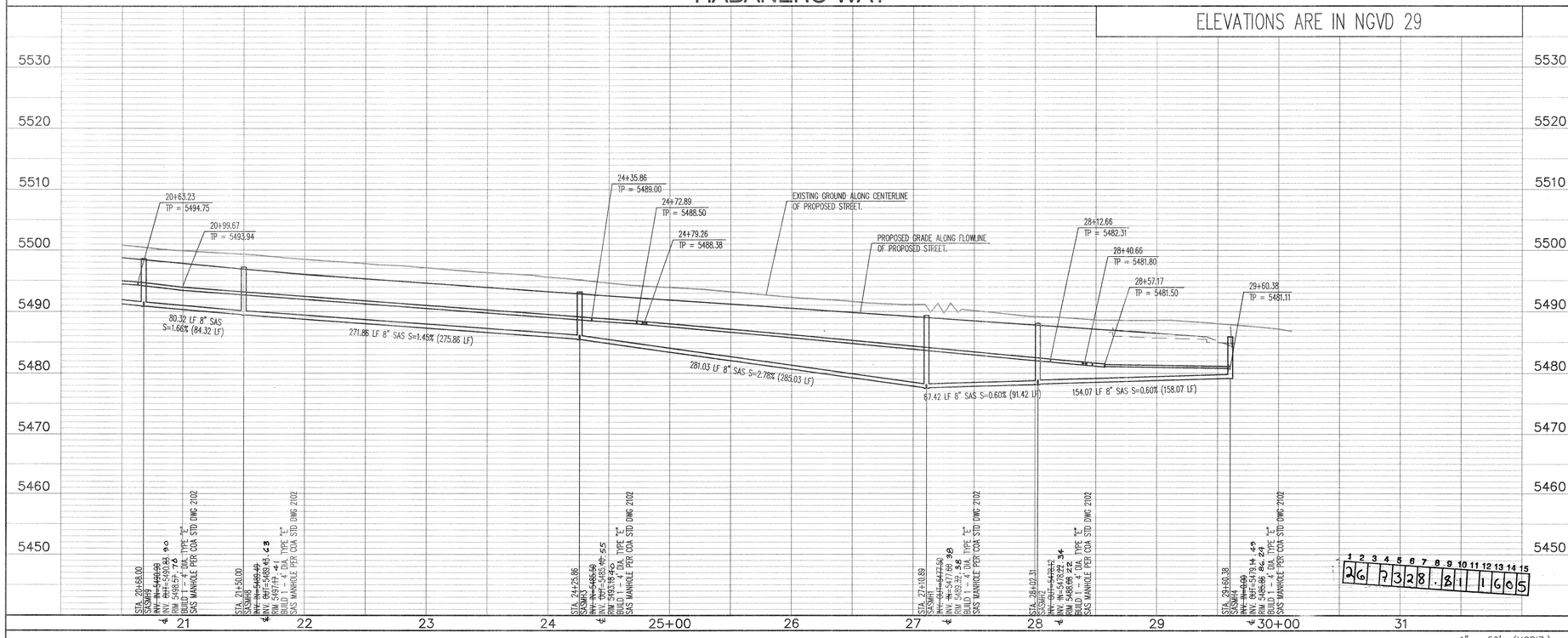
18. FOR STORM DRAIN CONSTRUCTION: ALL RCP JOINTS SHALL BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION SHALL DETERMINE WHICH JOINTS ARE TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

19. ALL UTILITY CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESES.)

20. DENOTES CROWN TRANSITION PER C.O.A STD. DWG. 2401.

LEGEND

- DOUBLE WATER METER PER COA STD. DWGS 2361, 2362, 2366 & 2368
- SINGLE WATER METER PER COA STD. DWGS 2361, 2362, 2366 & 2368
- WATER LINE SHUTOFF VALVE PER STD. DWGS 2326 & 2328
- WATER LINE TEE
- SAS LATERAL
- SAS MANHOLE
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT



SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

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April 12, 2004 - 10:08am

SCANNED BY MESA REPRO

SURVEY INFORMATION			BENCH MARKS	AS-BUILT INFORMATION	
FIELD NOTES			ACS BRASS TABLET STAMPED "6-L21, 1986"	CONTRACTOR	DATE
NO.	BY	DATE	Geographic Position (NAD 1983)	WORK STAKED BY	DATE
			N.M. State Plane Coordinates (Central Zone)	INSPECTOR ACCEPTANCE BY	DATE
			X= 1,558,220.58 Y= 1,481,283.33	FIELD VERIFICATION BY	DATE
			Ground-to-Grid Factor = 0.999644584	DRAWINGS CORRECTED BY	DATE
			$\Delta\alpha$ = -00°09'28"	MICRO-FILM INFORMATION	
			NAVD88 Elevation = 5503.35	RECORDED BY	DATE
				NO.	

ENGINEER'S SEAL

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: 02/04
Drawn By: DH DATE: 02/04
Checked By: PLT DATE: 02/04

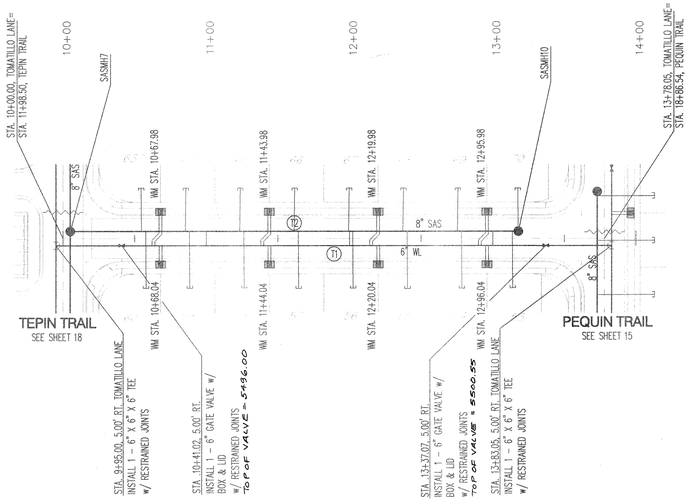
Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
UTILITY PLAN AND PROFILE
HABANERO WAY STA. 20+50.00 - 30+00.00

Design Review Committee: APPROVED APR 19 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED MAY 26 2004 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	16	23

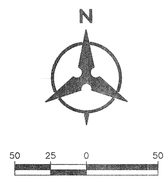


SANITARY SEWER SERVICES			
LOT ID	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISER)
53	13+15.07, 5.00'LT.	40.00'	5494.63
54	12+77.04, 5.00'LT.	40.00'	5494.05
55	12+39.04, 5.00'LT.	40.00'	5493.49
56	12+01.04, 5.00'LT.	40.00'	5492.92
57	11+63.04, 5.00'LT.	40.00'	5492.36
58	11+25.04, 5.00'LT.	40.00'	5491.79
59	10+87.04, 5.00'LT.	40.00'	5491.22
60	10+59.03, 5.00'LT.	40.00'	5490.81
63	10+58.98, 5.00'LT.	30.00'	5490.61
64	10+86.98, 5.00'LT.	30.00'	5491.02
65	11+24.98, 5.00'LT.	30.00'	5491.59
66	11+62.98, 5.00'LT.	30.00'	5492.16
67	12+00.98, 5.00'LT.	30.00'	5492.72
68	12+38.98, 5.00'LT.	30.00'	5493.29
69	12+76.98, 5.00'LT.	30.00'	5493.86
70	13+17.68, 5.00'LT.	30.00'	5494.46

NOTE: WATER METER LOCATIONS ARE DESIGNATED BY STATIONING AT PROPERTY CORNERS.

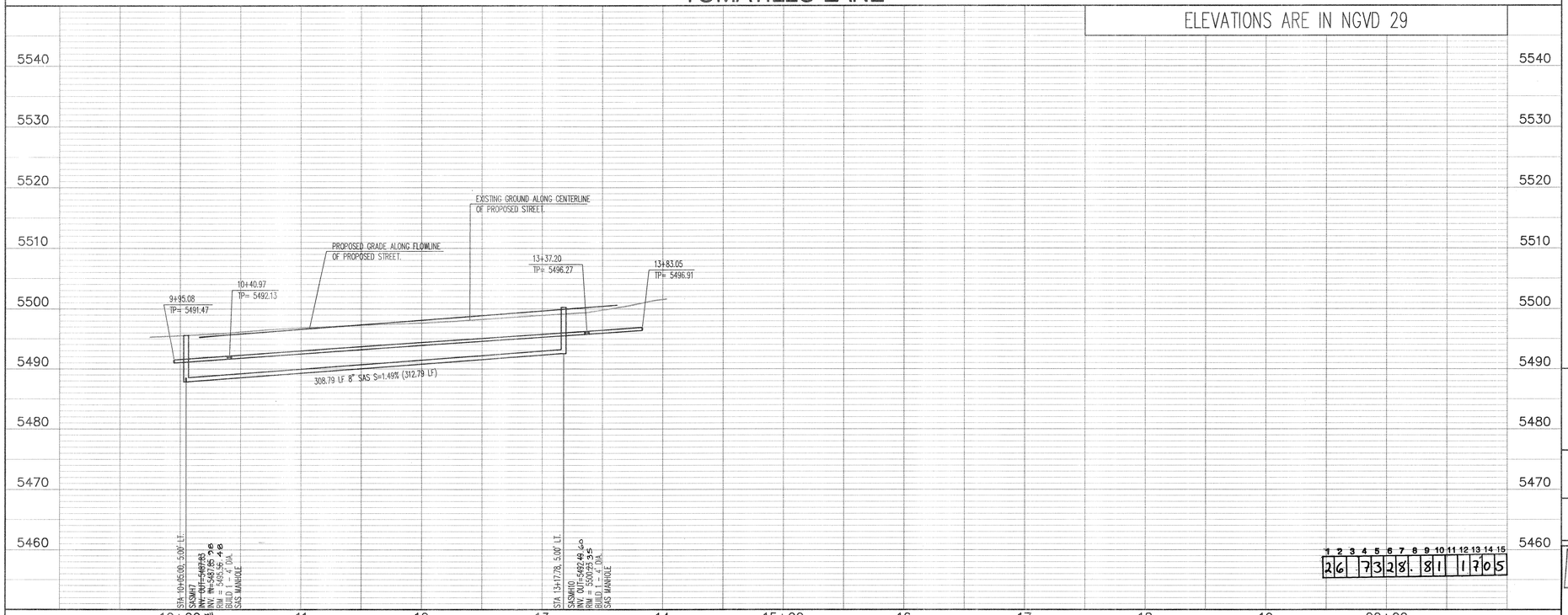
WL Tangent Table		
ID	BEARING	LENGTH
T1	N89°39'43"W	388.05'

SAS Tangent Table		
ID	BEARING	LENGTH
T2	N89°39'43"W	312.79'



TOMATILLO LANE

ELEVATIONS ARE IN NGVD 29



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 73281 81 1 7 0 5

SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

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April 12, 2004 - 10:09am

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

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- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT

Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

AS-BUILT INFORMATION
CONTRACTOR Hydrostatic Testing DATE 4/9/04
WORK STAKED BY CSC DATE 4/9/04
WORK INSPECTED BY SEC DATE 4/9/04
ACCEPTANCE BY CSC DATE 4/12/04
FIELD VERIFICATION BY CSC/BHI DATE 12/12/03
DRAWINGS CORRECTED BY CSC/TOK DATE 12/12/03
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BRASS TABLET STAMPED "B-L21, 1986"
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,558,220.58 Y= 1,481,283.33
Ground-to-Grid Factor = 0.999644584
ΔG = -00°09'28"
NAVD88 Elevation = 5503.35

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
Patricia D. Sites 14674 4/12/04 REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: 02/04
Drawn By: DH DATE: 02/04
Checked By: PLT DATE: 02/04

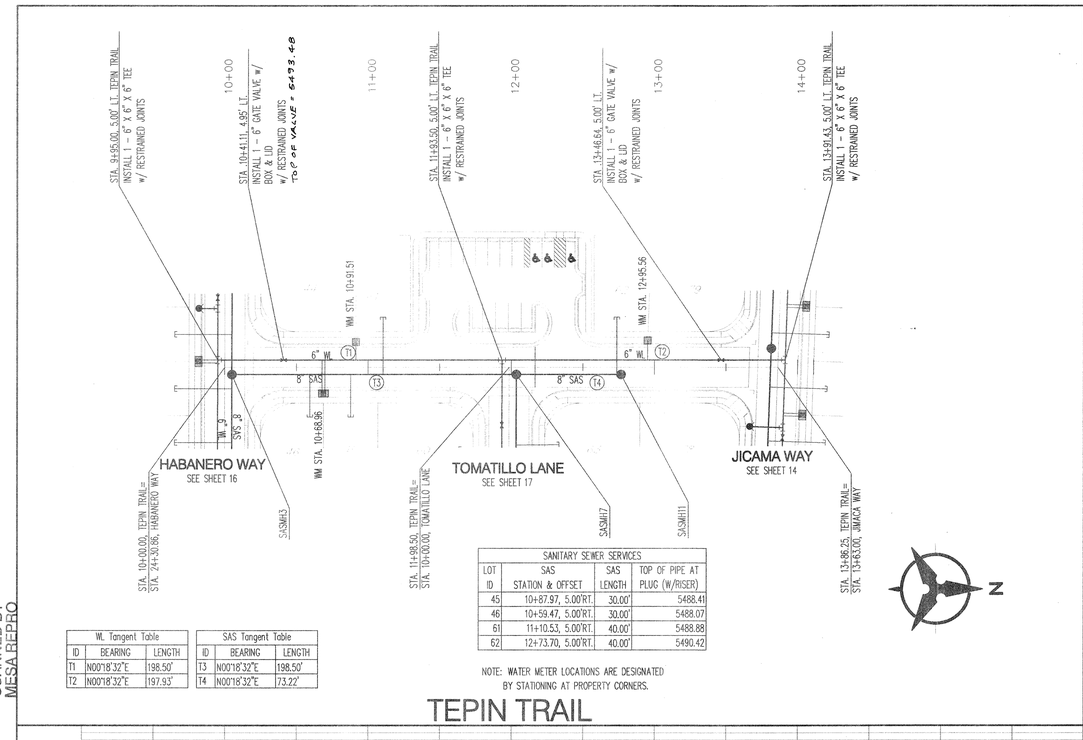
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
UTILITY PLAN AND PROFILE
TOMATILLO LANE

Design Review Committee: APPROVED APR 19 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED MAY 28 2004 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	17	23

SCANNED BY MESA REPRO



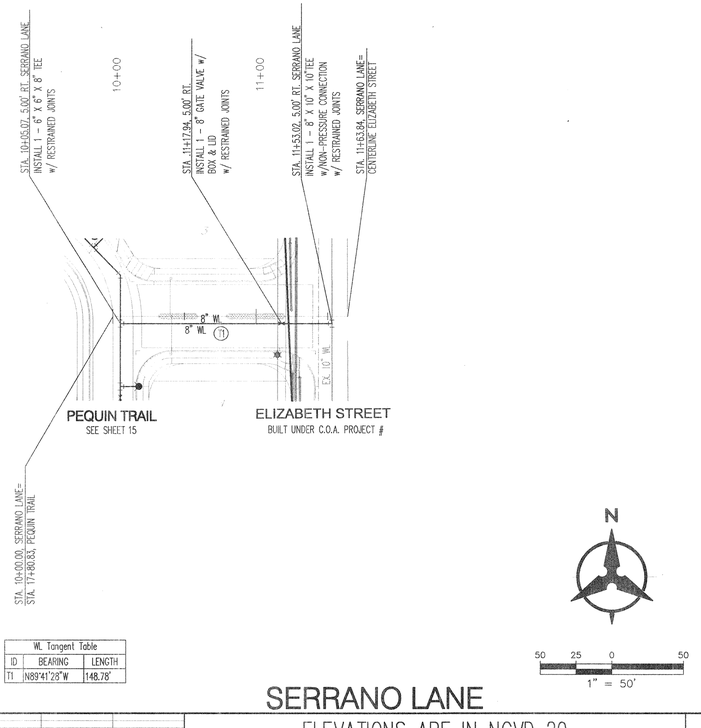
WL Tangent Table		
ID	BEARING	LENGTH
T1	N00°18'32"E	198.50'
T2	N00°18'32"E	197.93'

SAS Tangent Table		
ID	BEARING	LENGTH
T3	N00°18'32"E	198.50'
T4	N00°18'32"E	73.22'

SANITARY SEWER SERVICES			
LOT ID	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISER)
45	10+87.97, 5.00'RT.	30.00'	5488.41
46	10+59.47, 5.00'RT.	30.00'	5488.07
61	11+10.53, 5.00'RT.	40.00'	5488.88
62	12+73.70, 5.00'RT.	40.00'	5490.42

NOTE: WATER METER LOCATIONS ARE DESIGNATED BY STATIONING AT PROPERTY CORNERS.

TEPIN TRAIL

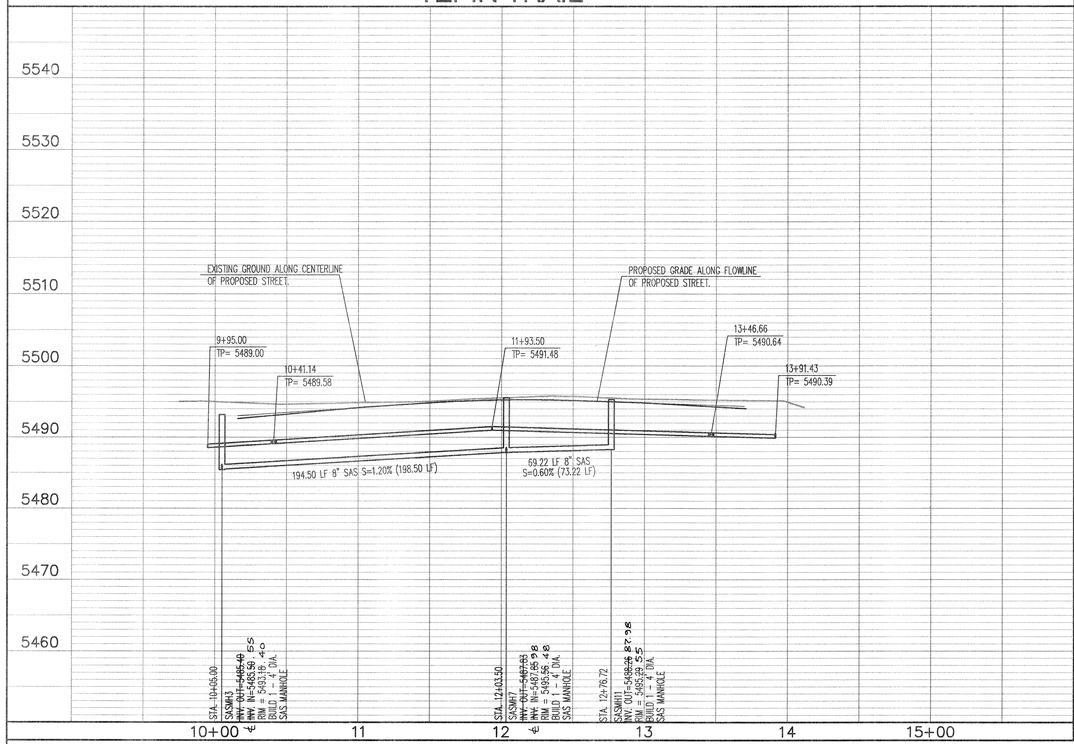


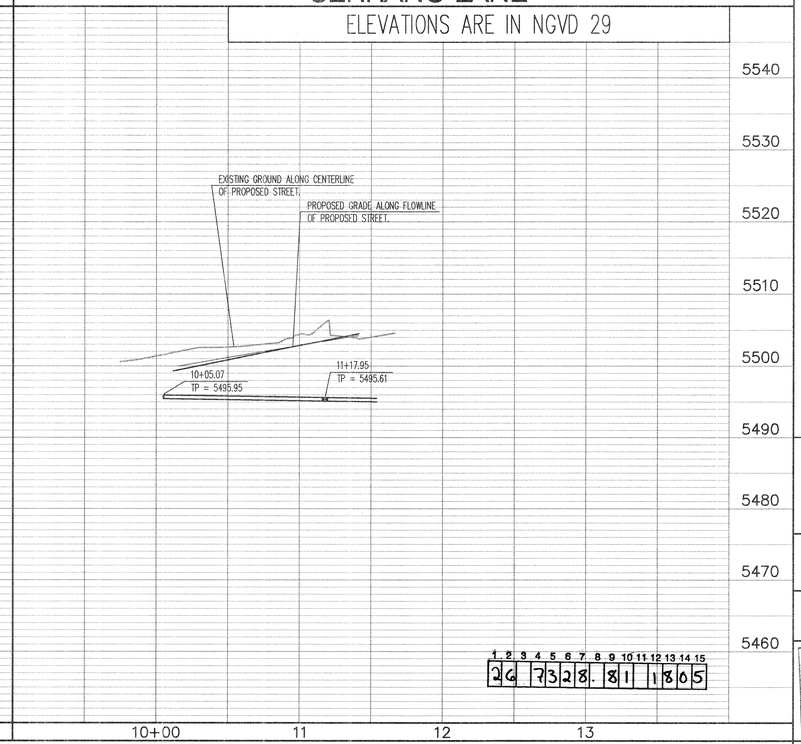
WL Tangent Table		
ID	BEARING	LENGTH
T1	N89°41'28"W	148.78'

50 25 0 50
1" = 50'

SERRANO LANE

ELEVATIONS ARE IN NGVD 29





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LEGEND

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Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
UTILITY PLAN AND PROFILE
TEPIN TRAIL AND SERRANO LANE

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED APR 19 2004 DESIGN REVIEW COMMITTEE	APPROVED MAY 28 2004 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	18	23

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: 02/04
Drawn By: DH DATE: 02/04
Checked By: PLT DATE: 02/04

ENGINEER'S SEAL: Donald L. Cotter, NM Lic. 14674, 4/12/04, REGISTERED PROFESSIONAL ENGINEER

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

BENCH MARKS	
ACS BRASS TABLET STAMPED "6-L21, 1986"	
Geographic Position (NAD 1983)	
N.M. State Plane Coordinates (Central Zone)	
X= 1,558,220.58 Y= 1,481,283.33	
Ground-to-Grid Factor = 0.999644584	
$\Delta\alpha$ = -00°09'28"	
NAVD88 Elevation = 5503.35	

AS-BUILT INFORMATION		
CONTRACTOR	Hydro Systems	DATE 12/27/04
WORK STAKED BY	CSC	DATE NR
WORK INSPECTED & ACCEPTANCE BY	SBC	DATE 12/31/04
FIELD VERIFICATION BY	CSC/RLW	DATE 12/21/04
DRAWINGS CORRECTED BY	CSC/TCK	DATE 12/22/04
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

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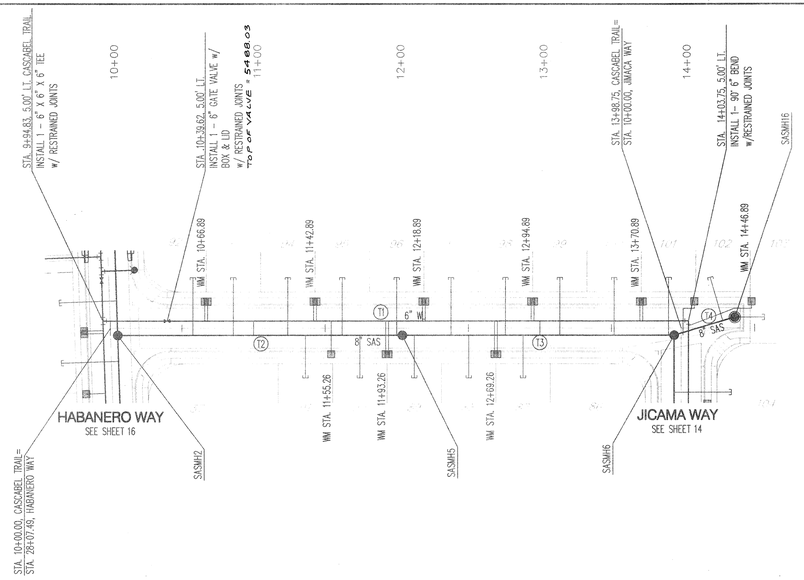
April 12, 2004 - 10:09am

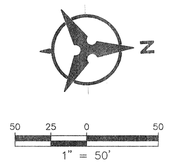


SANITARY SEWER SERVICES			
LOT ID	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISER)
87	12+88.26, 5.00'RT.	30.00'	5484.92
88	12+50.26, 5.00'RT.	30.00'	5484.69
89	12+12.26, 5.00'RT.	30.00'	5484.47
90	11+74.26, 5.00'RT.	30.00'	5483.74
91	11+36.26, 5.00'RT.	30.00'	5482.93
92	10+57.60, 5.00'RT.	40.00'	5481.44
93	10+85.89, 5.00'RT.	40.00'	5482.05
94	11+23.89, 5.00'RT.	40.00'	5482.86
95	11+61.89, 5.00'RT.	40.00'	5483.67
96	11+99.89, 5.00'RT.	40.00'	5484.49
97	12+37.89, 5.00'RT.	40.00'	5484.82
98	12+75.89, 5.00'RT.	40.00'	5485.05
99	13+13.89, 5.00'RT.	40.00'	5485.28
100	13+51.89, 5.00'RT.	40.00'	5485.50
101	13+89.89, 5.00'RT.	40.00'	5485.73
102	14+27.70, 4.97'LT.	31.30'	5485.87
103	14+36.09, 7.44'LT.	20.79'	5482.27 (3')

NOTE: WATER METER LOCATIONS ARE DESIGNATED BY STATIONING AT PROPERTY CORNERS.

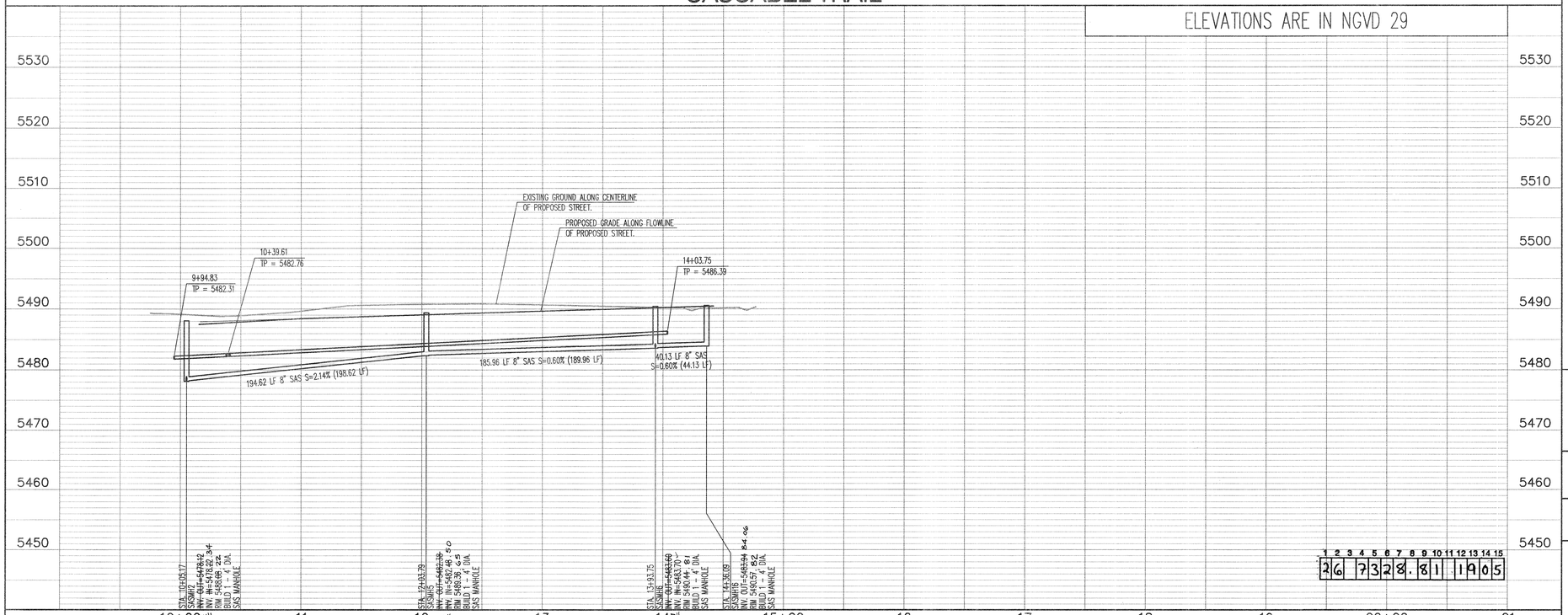
WL Tangent Table		
ID	BEARING	LENGTH
T1	N02°17'55"E	408.92'

SAS Tangent Table		
ID	BEARING	LENGTH
T2	N02°17'55"E	198.62'
T3	N02°17'55"E	189.96'
T4	S14°04'08"E	44.13'



CASCABEL TRAIL

ELEVATIONS ARE IN NGVD 29



SCALE: 1" = 50' (HORIZ.) 1" = 10' (VERT.)

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April 12, 2004 - 10:09am

NOTES

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- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT

Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

AS-BUILT INFORMATION
CONTRACTOR Apache Systems DATE 12/20/04
WORK STAKED BY CSC DATE 11/2/04
WORK ACCEPTANCE BY SEC DATE 12/27/04
FIELD VERIFICATION BY CSC/BHB DATE 11-21-04
DRAWINGS CORRECTED BY CSC/TCK DATE 12-22-04
RECORDED BY DATE
MICRO-FILM INFORMATION
NO.

BENCH MARKS
ACS BRASS TABLET STAMPED "6-L21, 1986"
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,558,220.58 Y= 1,481,283.33
Ground-to-Grid Factor = 0.999644584
ΔG = -00°09'28"
NAVD88 Elevation = 5503.35

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
Paul L. Tafoya NEW MEXICO 14674 4/12/04 REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: 02/04
Drawn By: DH DATE: 02/04
Checked By: PLT DATE: 02/04

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
UTILITY PLAN AND PROFILE
CASCABEL TRAIL

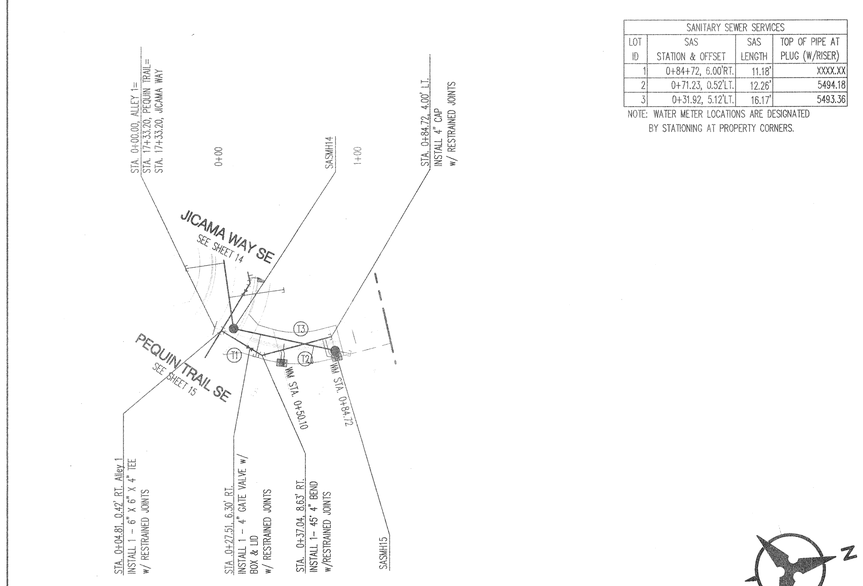
Design Review Committee: APPROVED APR 19 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED MAY 28 2004 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	19	23

SCANNED BY
MESA REPRO

SANITARY SEWER SERVICES			
LOT ID	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISER)
1	0+84+72, 6.00'RT.	11.18'	XXXX.XX
2	0+71.23, 0.52'LT.	12.26'	5494.18
3	0+31.92, 5.12'LT.	16.17'	5493.36

NOTE: WATER METER LOCATIONS ARE DESIGNATED BY STATIONING AT PROPERTY CORNERS.



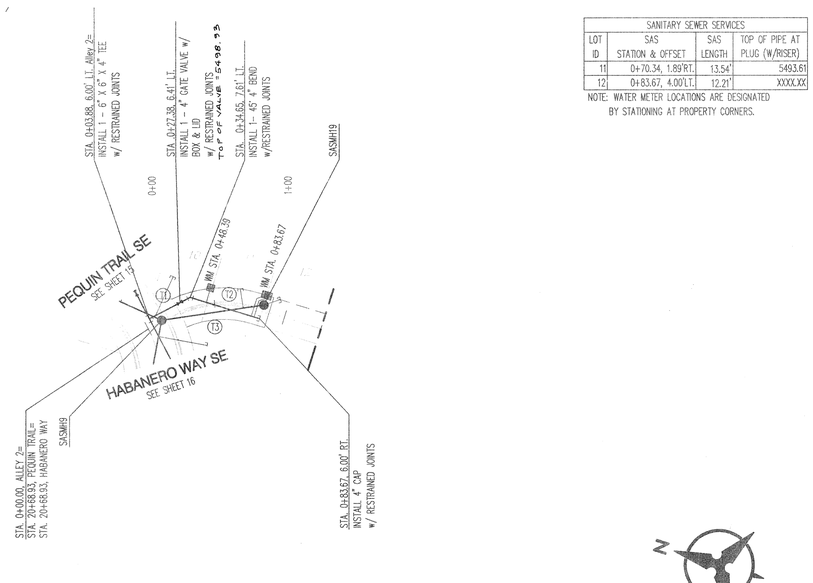
WL Tangent Table		
ID	BEARING	LENGTH
T1	S46°17'29"W	33.28'
T2	S00°01'57"W	50.13'

SAS Tangent Table		
ID	BEARING	LENGTH
T3	S27°22'19"W	72.51'

ALLEY 1

SANITARY SEWER SERVICES			
LOT ID	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISER)
11	0+70.34, 1.89'RT.	13.54'	5493.61
12	0+83.67, 4.00'LT.	12.21'	XXXX.XX

NOTE: WATER METER LOCATIONS ARE DESIGNATED BY STATIONING AT PROPERTY CORNERS.



WL Tangent Table		
ID	BEARING	LENGTH
T1	S44°40'36"E	32.17'
T2	S00°01'28"W	50.74'

SAS Tangent Table		
ID	BEARING	LENGTH
T3	N25°31'26"W	72.19'

ALLEY 2

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NOTE:

17. WATER METER BOXES SHOWN ARE TO BE PLACED AT 2 TO 3 FEET BEHIND AND PROTECTED FROM FLOWLINE OF STREET. HEAVY DUTY BOXES CONFORMING TO CO.A. STD. DWG. 2369 WITH TRAFFIC-RATED BOXES.

18. FOR STORM DRAIN CONSTRUCTION: ALL RCP JOINTS SHALL BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION SHALL DETERMINE WHICH JOINTS ARE TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

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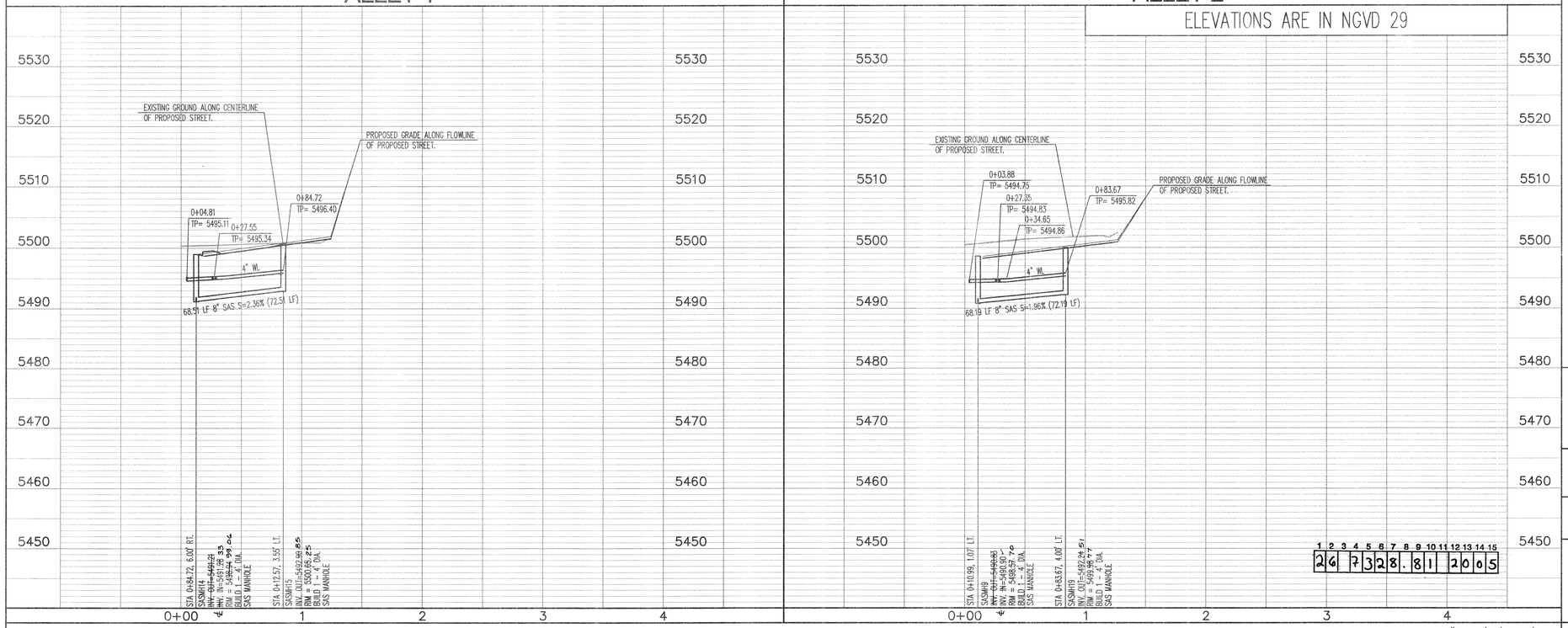

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 7 3 2 8 . 8 1 2 0 0 5

SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

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April 12, 2004 - 10:10am

AS-BUILT INFORMATION
CONTRACTOR: Apache Infrastructure DATE: 7/12/06
WORK STAKED BY: CSC DATE: 1/06
INSPECTOR'S ACCEPTANCE BY: SE C DATE: 7/12/06
FIELD VERIFICATION BY: CSC/BVE DATE: 7/21/06
DRAWINGS CORRECTED BY: CSC/TCV DATE: 7/27/06
RECORDED BY: MICRO-FILM INFORMATION DATE:
NO.

BENCH MARKS
ACS BRASS TABLET STAMPED "6-L21, 1986"
Geographic Position (NAD 1983)
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X= 1,558,220.58 Y= 1,481,283.33
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SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
Pamela S. Jones
NEW MEXICO
14674
PROFESSIONAL ENGINEER
4/12/04

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: 02/04
Drawn By: DH DATE: 02/04
Checked By: PLT DATE: 02/04

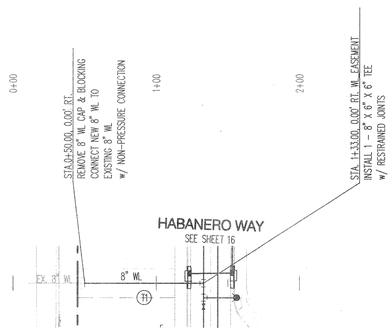
Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
UTILITY PLAN AND PROFILE
ALLEY 1 AND ALLEY 2

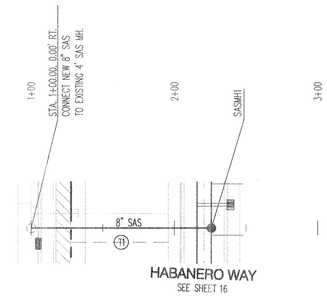
Design Review Committee: APR 19 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: MAY 28 2004 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	20	23



WL Tangent Table		
ID	BEARING	LENGTH
T1	S00°20'17"W	83.00'

WATERLINE EASEMENT

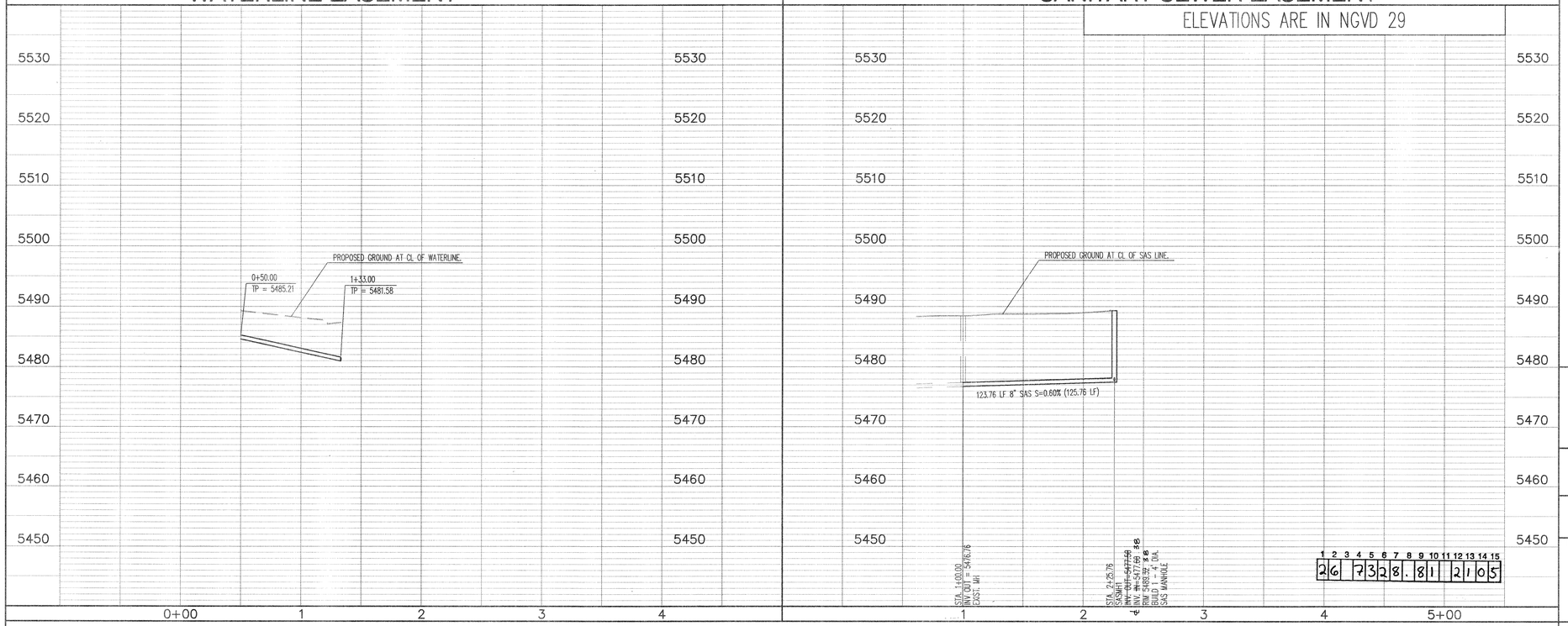


SAS Tangent Table		
ID	BEARING	LENGTH
T1	S00°20'17"W	125.76'

50 25 0 50
1" = 50'

SANITARY SEWER EASEMENT

ELEVATIONS ARE IN NGVD 29



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Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
UTILITY PLAN AND PROFILE
WATERLINE EASEMENT AND SANITARY SEWER EASEMENT

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED APR 19 2004 DESIGN REVIEW COMMITTEE	APPROVED MAY 28 2004 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	21	23

AS-BUILT INFORMATION
CONTRACTOR Hydrofusion DATE 12-22-04
WORK STAKED BY CSC DATE 1/4
INSPECTOR'S ACCEPTANCE BY SEC DATE 12-22-04
FIELD VERIFICATION BY CSC / LUE DATE 12-21-04
DRAWINGS CORRECTED BY CSC / TCV DATE 12-22-04
MICRO-FILM INFORMATION
RECORDED BY DATE
NO. DATE

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SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 14674 4/12/04

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: 02/04
Drawn By: DH DATE: 02/04
Checked By: PLT DATE: 02/04

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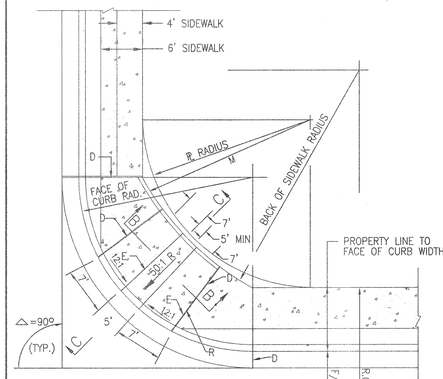
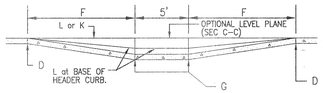


CASE II ADEQUATE R.O.W. FOR SETBACK SDWK ADJACENT TO ℄

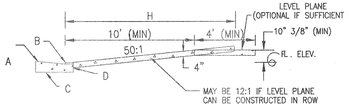
HANDICAP RAMP DETAIL

N.T.S.

Δ	℄ RAD	CURB RAD	℄ CURB WIDTH	BACK SW RAD
90°	35'	25'	4'	25'
90°	30'	25'	4'	30'
90°	25'	30'	4'	25'
90°	30'	30'	4'	30'



SECTION B-B



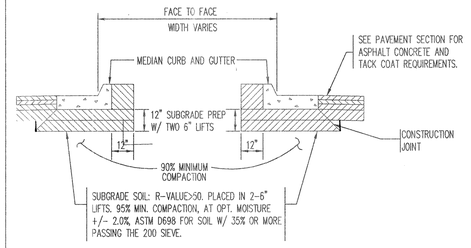
SECTION C-C CASE II

GENERAL NOTES:

1. CURB ACCESS RAMPS ARE NORMALLY TO BE LOCATED AT THE CENTER OF THE RETURN OR AS DIRECTED BY THE CITY TRAFFIC ENGINEER.
2. SURFACE TEXTURE OF CURB ASSESS RAMPS SHALL BE OBTAINED BY HEAVY BROOMING. (TEXTURE DEPTH .035"), TRANSVERSE TO THE SLOPE OF THE RAMP.
3. GUTTER FLOW-LINE PROFILE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP. DRAINAGE CATCH BASIN STRUCTURES SHALL NOT BE PLACED IN LINE WITH RAMPS.
4. WIDTH OF SIDEWALK AND RAMP MUST BE MAINTAINED AT A MINIMUM OF 5'-0" THROUGH ENTIRE RAMP LENGTH.

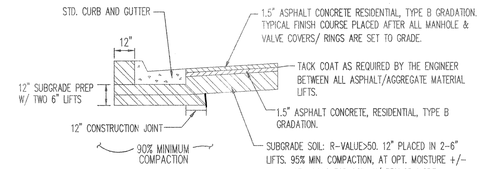
CONSTRUCTION NOTES:

A. SLOPE OF GUTTER DEPENDENT ON REQUIREMENTS FOR VALLEY GUTTER.
B. 1/4" LIP ABOVE FLOW LINE (VERTICAL). SEE STD. DWG 2415
C. CURB & GUTTER. (SEE STD. DWG 2415 – GUTTER AT THE CURB ACCESS RAMP).
D. 1/2" EXPANSION JOINT.
E. PARALLEL LINES – TOP AND BOTTOM OF RAMP.
F. 12:1 SLOPE AT FACE OF CURB. (SEE STD. DWG 2418)
G. CONTRACTION (DUMMY) JOINT.
H. VARIES WITH AVAILABLE R.O.W.
J. VARIABLE.
K. HEADER CURB, SEE DWG. 2415B.
L. BACK OF SIDEWALK.
M. BACK OF SIDEWALK RADIUS TO BE ESTABLISHED SO AS TO MAINTAIN A 5'-0" RAMP WIDTH (MINIMUM) OR MORE THROUGHOUT. SEE STD. DWG 2440 (NOTE 5) IF LESS THAN 5'-0" IS AVAILABLE DUE TO UNTIMELY UNRESOLVABLE CONSTRAINTS.
N. 4 1/2" MAX.
P. ANY PRIVATE LANDSCAPING AND OR IRRIGATION SHALL BE RESTORED TO ORIGIAL CONDITION. SHOULD ANY RPRIVATE IMPROVEMENT NEED TO BE REMOVED, OWNER MUST BE NOTIFIED.
R. 12:1 SLOPE MAXIMUM ON RAMP.



MEDIAN CURB AND GUTTER

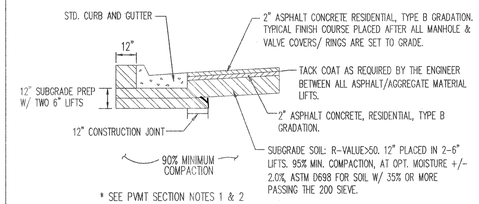
NOT TO SCALE



* SEE PVMT SECTION NOTES 1 & 2

(A) TYPICAL RESIDENTIAL PAVEMENT SECTION PER COA STD DWG 2405

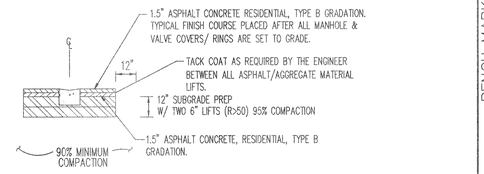
N.T.S.



* SEE PVMT SECTION NOTES 1 & 2

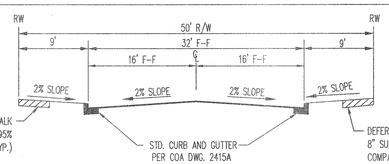
(B) TYPICAL ENTRANCE PAVEMENT SECTION PER COA STD DWG 2405B

N.T.S.



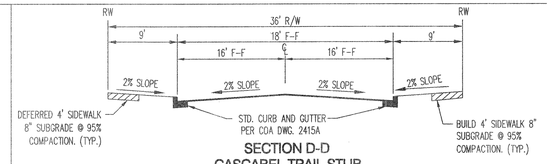
ASPHALT CONCRETE

PER COA STD. DWG. 2411



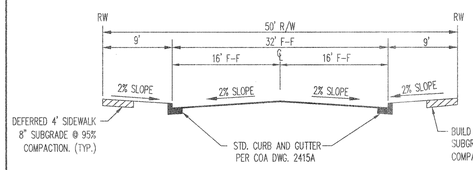
SECTION A-A
TYPICAL RESIDENTIAL STREET - 32' F-F

NOT TO SCALE



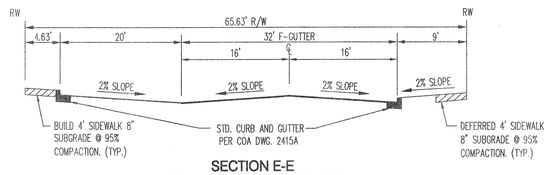
SECTION D-D
CASCABEL TRAIL STUB

NOT TO SCALE



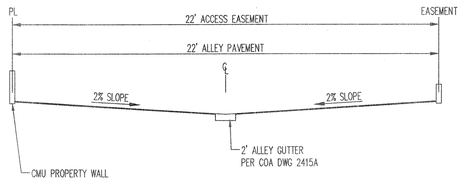
SECTION B-B
TYPICAL RESIDENTIAL STREET - 32' F-F

NOT TO SCALE

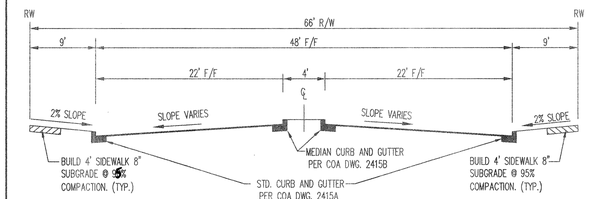


SECTION E-E
PEQUIN TRAIL PARKING AREA

NOT TO SCALE

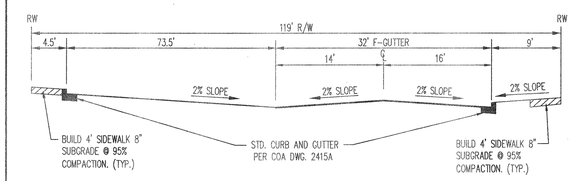


SECTION G-G
RESIDENTIAL ALLEY SECTION



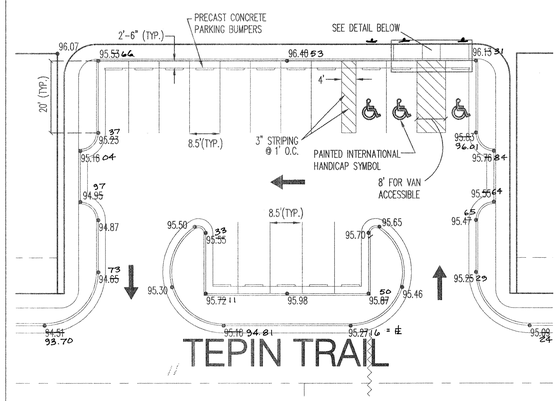
SECTION C-C
SERRANO LANE ENTRANCE

NOT TO SCALE



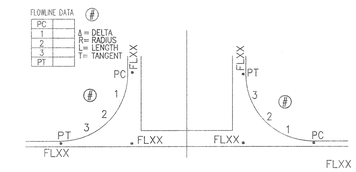
SECTION F-F
TEPIN TRAIL PARKING AREA

NOT TO SCALE



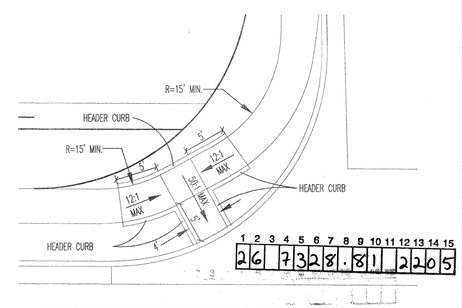
PARKING LOT DETAIL

NOT TO SCALE



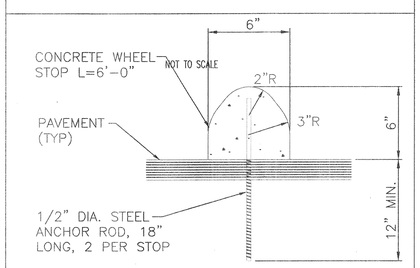
TYPICAL INTERSECTION RETURNS DETAIL

NOT TO SCALE



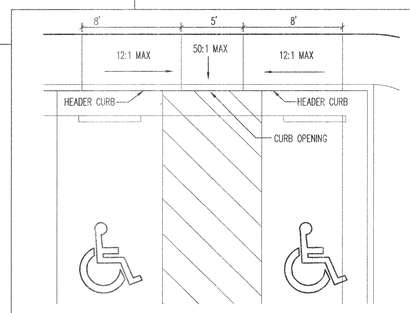
MODIFIED HANDICAP RAMP 'A' DETAIL

N.T.S.



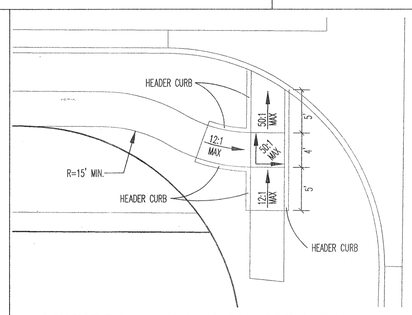
PRECAST PARKING BUMPER

NOT TO SCALE



PARKING LOT HANDICAP RAMP DETAIL

N.T.S.



MODIFIED HANDICAP RAMP 'B' DETAIL

N.T.S.

SCANNED BY MESA REPRO

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April 12, 2004 – 10:10am

Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
SECTIONS AND DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED APR 19 2004 DESIGN REVIEW COMMITTEE	APPROVED MAY 28 2004 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	22	23

ENGINEER'S SEAL: REGISTERED PROFESSIONAL ENGINEER 14674 AHUSTON

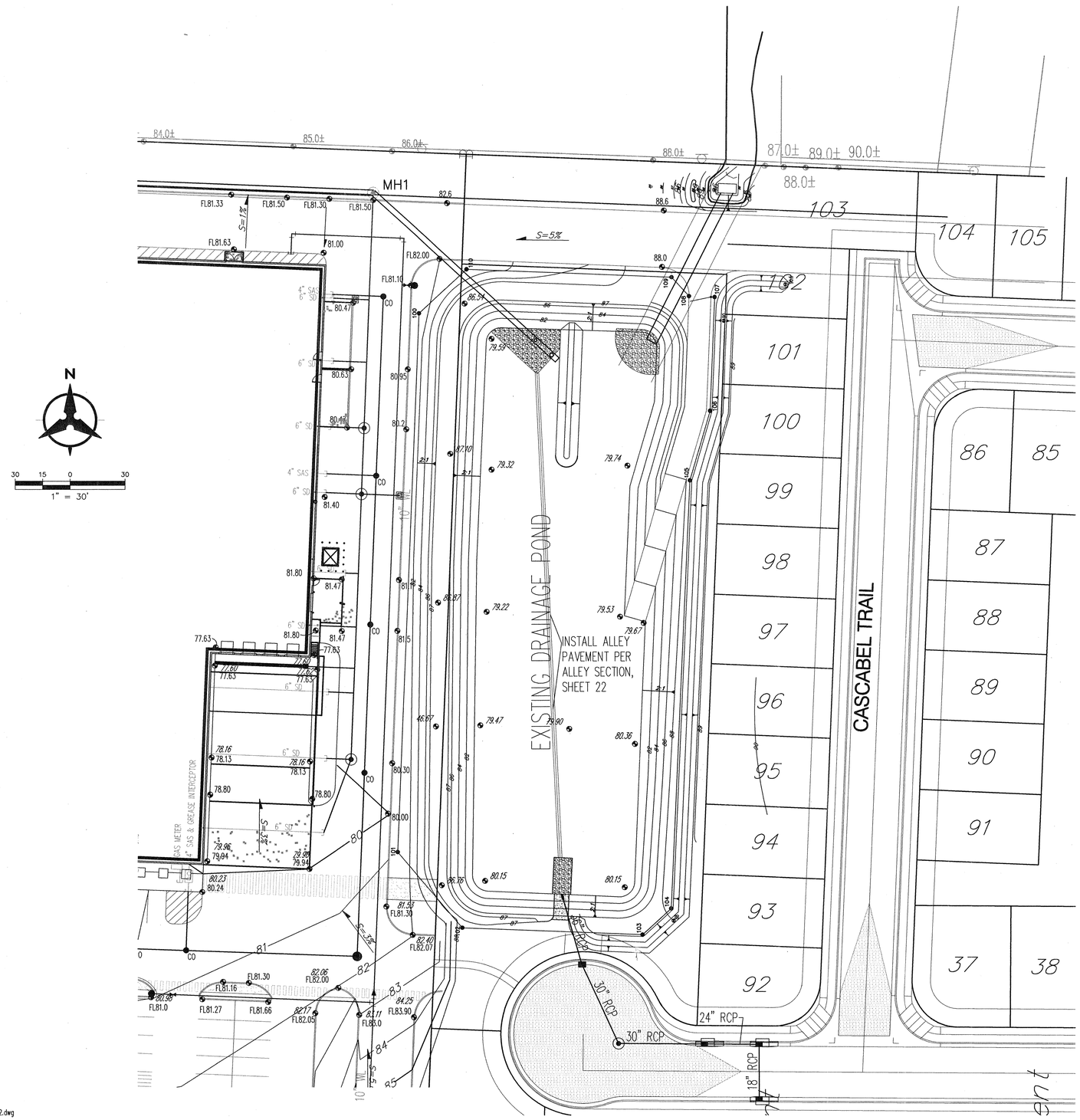
AS-BUILT INFORMATION
CONTRACTOR Hydro Systems DATE 12.22.04
WORK STAKED BY CSC DATE 11/05
INSPECTOR'S ACCEPTANCE SEC DATE 12.22.04
FIELD VERIFICATION BY CSC/BLK DATE 12/21/04
DRAWINGS CORRECTED BY CSC/TCK DATE 12/22/04
MICROFILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS BRASS TABLET STAMPED "6-L21, 1986"
Geographic Position (NAD 1983)
N.M. State Plane Coordinates (Central Zone)
X= 1,558,220.58 Y= 1,451,283.33
Ground-to-Grid Factor = 0.999644584
ΔX = -00°09'28"
NAVD88 Elevation = 5503.35

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

No.	Date	REMARKS	By
		REVISIONS	DATE:XX/XX/XX
		DESIGN	DATE:XX/XX/XX
			DATE:XX/XX/XX

Designed By: PLT
Drawn By: DH
Checked By: PLT



SCANNED BY MESA REPRO

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March 19, 2004 - 8:26am

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 7328.81 2305

Bohannan ▲ Huston INC.
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LONGFORD VILLAGE EAST SUBDIVISION
DRAINAGE POND DETAILS

AS BUILT
DESIGN REVIEW SECTION
CITY ASSISTANT ENGINEER

Design Review Committee: APPROVED APR 19 2004 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED MAY 28 2004 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
732881	L-21-Z	23	23

AS-BUILT INFORMATION
CONTRACTOR Sofco Systems DATE 12.22.04
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY SEC DATE 12.22.04
FIELD VERIFICATION BY As Built Info DATE
DRAWINGS CORRECTED BY TCK DATE 12.22.04
MICROFILM INFORMATION
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SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
REGISTERED PROFESSIONAL ENGINEER 14674

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: PLT DATE: XX/XX/XX
Drawn By: DH DATE: XX/XX/XX
Checked By: PLT DATE: XX/XX/XX