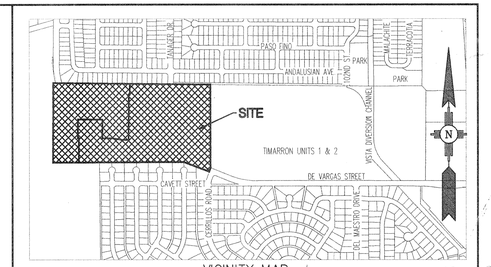
CONSTRUCTION PLANS
FOR
TIMARRON WEST SUBDIVISION UNIT-3
ALBUQUERQUE, NEW MEXICO



VICINITY MAP
ZONE MAP NO. L8–M8

INDEX

PAVING PLANS

UTILITY PLANS

APPROVAL OF RECORD DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 6/29/04

SCANNED BY MESA REPRO

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, 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." Aldrich Land Surveying is not responsible for any of the design concepts, calculations, engineering, or intent of the record drawings.

11-12-01
Timothy Aldrich, P.S. No. 7719

TIMOTHY ALDRICH NEW MEXICO 7719 REGISTERED PROFESSIONAL LAND SURVEYOR

RECORD DRAWINGS

I HEREBY CERTIFY THAT THE INFOMATION CONTAINED ON THESE DRAWINGS HAS BEEN REVISED IN ACCORDANCE WITH THE INFORMATION FURNISHED BY THE CONTRACTOR, FRANKLINS CONSTRUCTION INC. AND ALDRICH LAND SURVEYING CONSTRUCTION STAKING AND REFLECTS THE CONSTRUCTION AS ACTUALLY ACCOMPLISHED WHILE A CONSTRUCTION OBSERVER FROM SMITH ENGINEERING CO. WAS PRESENT. THESE PLAN DRAWINGS AS CONSTRUCTED IS IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED PLAN DRAWINGS.

PATRICK J. CONLEY, NMPE 10141 — DATE 6/29/04

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 #6.

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 SCHEDULED. 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 (768-2521) 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 HEAR 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 SYSTEMS DIVISION (857-8200) FIVE (5) 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 THREE (3) 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] TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- [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.

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 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 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.

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

DRB# 1000475

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

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

ENGINEERS STAMP & SIGNATURE — RICHARD LEWIS BRIGHAM, NEW MEXICO 10896, REGISTERED PROFESSIONAL ENGINEER

APPROVALS	ENGINEER	DATE
DRC Chairman		2/13/01
Transportation		1-31-01
Water/Wastewater		2-05-01
Hydrology	Bradly R. Brigham	1/12/01
Parks		
Const.		2/13/01
NMUI		

****
APPROVED FOR CONSTRUCTION
City Engineer — Date 2/23/01

City Project No. 651681

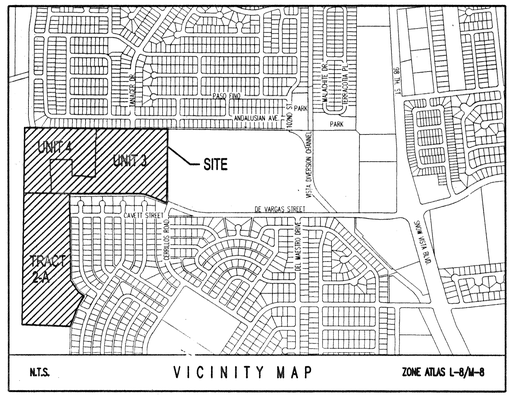
Sheet 1 Of 32

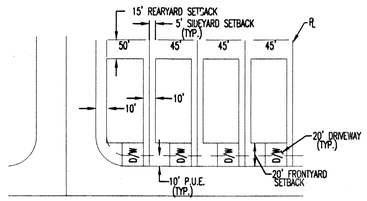
P:\99470\CDP\UNIT_3\GENERAL\99470_3TITLE.DWG

BHI JOB NO. 99470A

PRELIMINARY PLAT
FOR
TIMARRON WEST UNITS 3 AND 4

COMPRISED OF
PARCEL 1, TIMARRON WEST UNIT 2
TRACT 2, LANDS OF GREVEY/LIBERMAN
SITUATE WITHIN
THE TOWN OF ATRISCO GRANT
"PROJECTED" SECTION 32, T10N, R2E, N.M.P.M.
BERNALILLO COUNTY, NEW MEXICO
MAY, 1998

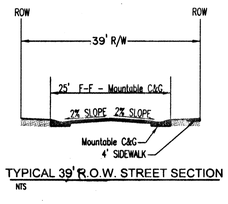




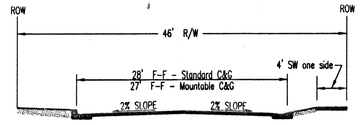
TYPICAL LOT DETAIL
FOR SINGLE FAMIL.Y DETACHED DWELLINGS

N.T.S.

NOTE:
1. FRONT, SIDE AND REAR YARD SETBACKS ARE AS INDICATED ABOVE.
2. BUILDING HEIGHTS SHALL NOT EXCEED 26 FT.

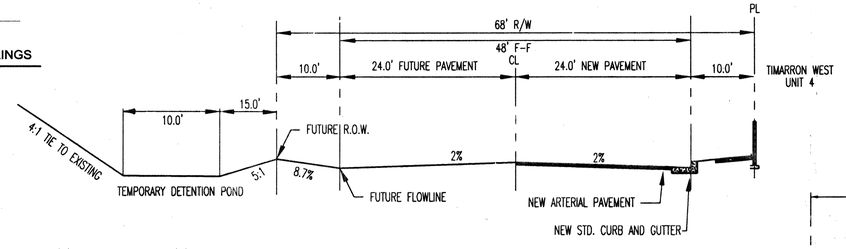


TYPICAL 39' R.O.W. STREET SECTION
NTS



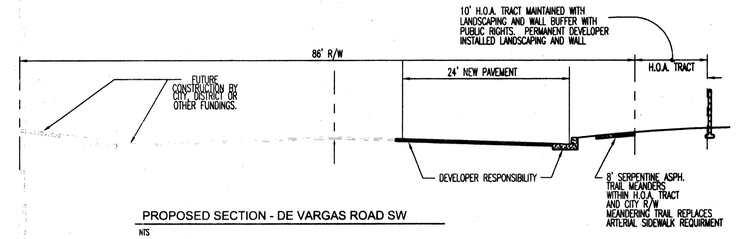
NOTE: Standard Vs. Mountable C&G location to be determined by Drainage Requirements

TYPICAL 46' R.O.W. STREET SECTION
NTS

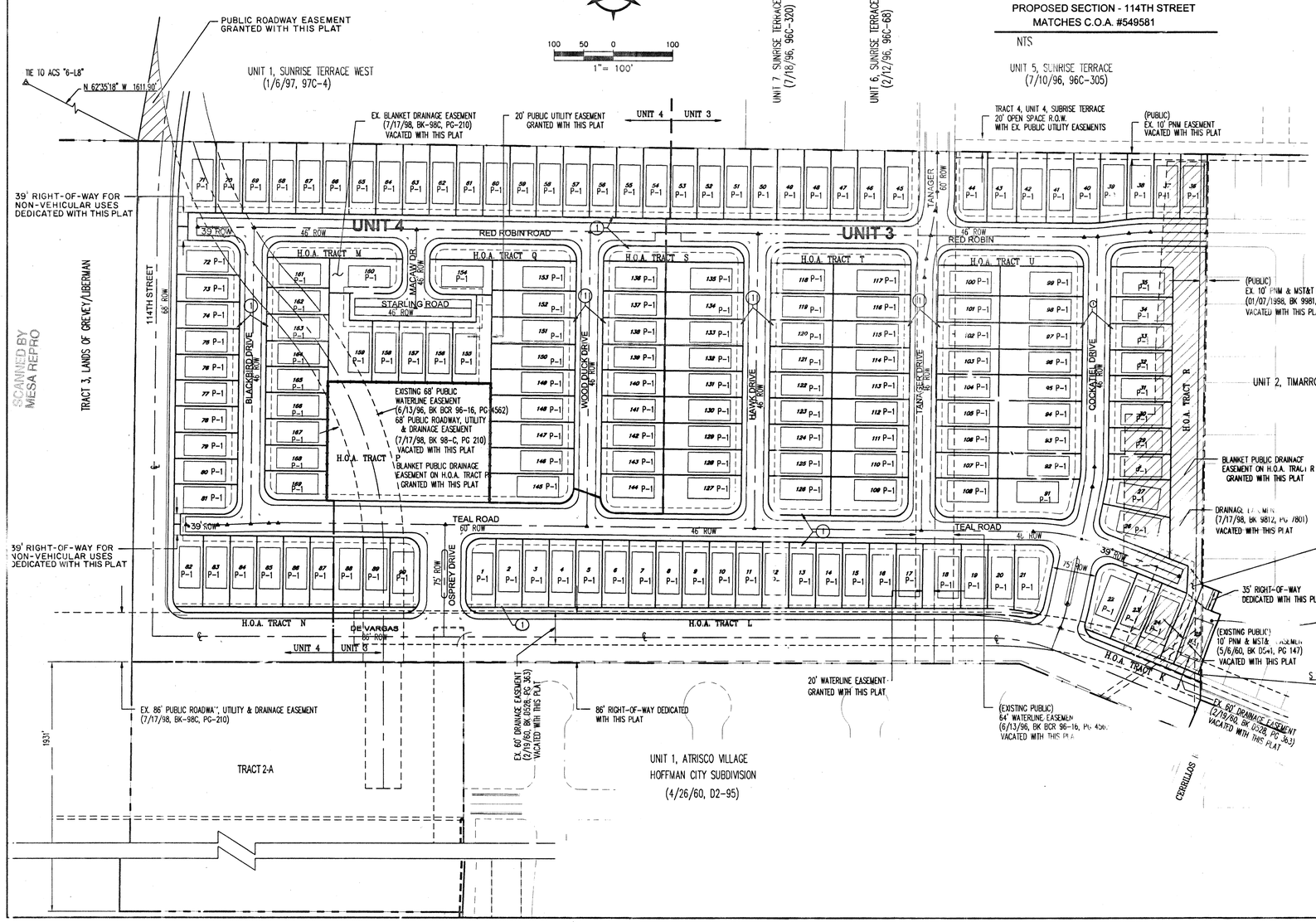


PROPOSED SECTION - 114TH STREET
MATCHES C.O.A. #549581

NTS



PROPOSED SECTION - DE VARGAS ROAD SW
NTS



SURVEY NOTES:

1. ALL BOUNDARY CORNERS ARE MARKED AS SHOWN.

2. ALL STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT ALL CENTERLINE PC'S, PT'S, ANGLE POINTS AND STREET INTERSECTIONS AND SHOWN THUS (▲) WILL BE MARKED BY A FOUR (4") ALUMINUM CAP STAMPED "CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION, DO NO DISTURB, P.L.S. 6544"

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 GRID BEARINGS.

5. DISTANCES SHALL BE GROUND DISTANCE.

6. MANHOLES WILL BE OFFSET AT ALL POINTS OF CURVATURE, POINTS OF TANGENCY, STREET INTERSECTIONS AND ALL OTHER ANGLE POINTS TO ALLOW THE USE OF CENTERLINE MONUMENTATION.

APPROVED FOR MONUMENTATION AND STREET NAMES

CITY SURVEYOR — DATE 6-13-00

(1) 10' PUBLIC UTILITY EASEMENT GRANTED WITH THIS PLAT.

BLANKET EASEMENTS

EXISTING BLANKET DRAINAGE EASEMENT ENCUMBERING PARCEL 2 TO BE VACATED WITH THE FILING OF THIS PLAT. (7/17/98, BK-98C, PG-210)

A BLANKET PUBLIC DRAINAGE EASEMENT ENCUMBERING H.O.A. TRACTS P & R GRANTED WITH THIS PLAT.

SITE DATA

ZONE ATLAS NO.	L-8-Z/M-8-Z
FEMA MAP NO.	35001C0336 D
ZONING	SU-1 PRD 9 DU/AC
MILES OF FULL WIDTH STREETS CREATED	1.8 MILES
NO. OF EXISTING PARCELS	2
NO. OF LOTS CREATED	169
NUMBER OF PARCELS CREATED (TRACT 2-A)	1
DENSITY	4.62 DU/AC
NO. OF H.O.A. TRACTS CREATED	1
AREA OF UNITS 3 & 4	36.6 ACRES

GENERAL NOTES:

1. EXISTING ZONING: SU-1 PRD 9 DU/AC
PROPOSED ZONING: NO CHANGE
PROPOSED DEVELOPMENT:
SINGLE FAMILY DETACHED RESIDENTIAL

2. PROPOSED NET ACREAGE — 36.6 ACRES (UNITS 3 & 4)
NUMBER OF LOTS — 169 D.U.
PROPOSED DENSITY — 4.62 D.U./ACRE

3. TYPICAL LOT DIMENSIONS: 45'x105'
MIN/MAX LOT DIMENSIONS: 45'x105' MIN., 65'x145 MAX.
SMALLEST MINIMUM LOT AREA: 4725 SQ. FT.

4. ALL STREETS, UTILITIES, AND STORM DRAIN IMPROVEMENTS AREA TO BE PUBLIC, AND TO BE DEDICATED TO THE CITY OF ALBUQUERQUE FOR MAINTENANCE.

5. LOT SETBACKS SHALL CONFORM TO R-T ZONING REQUIRMENTS

6. NO INDIVIDUAL LOTS SHALL BE ALLOWED DIRECT ACCESS TO DE VARGAS ROAD OR 114TH STREET.

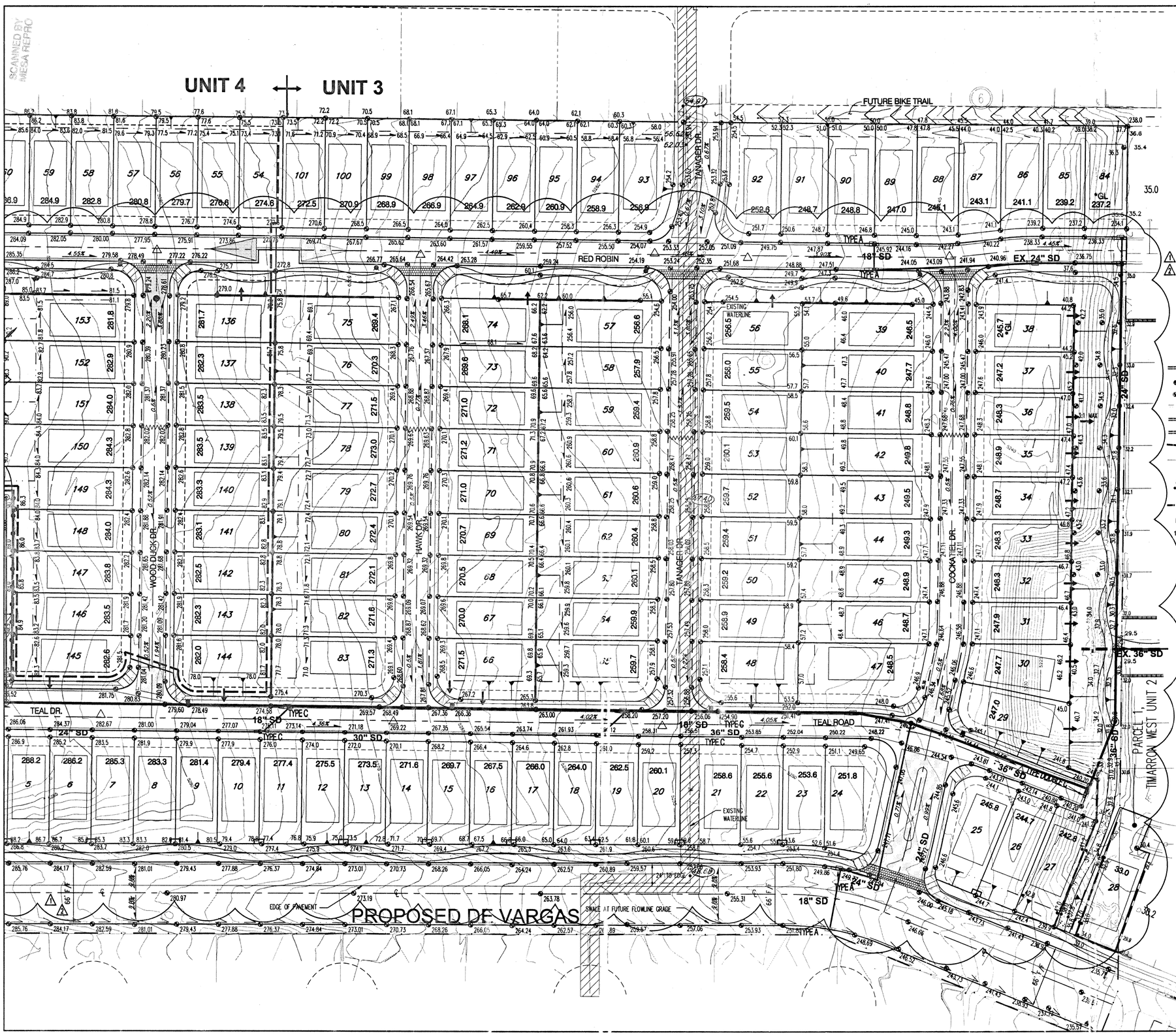
OWNER/DEVELOPER

CENTEX HOMES
6700 JEFFERSON NE BUILDING B
ALBUQUERQUE, NEW MEXICO 87109
PHONE: (505) 761-0800

OWNER

CENTEX HOME — DATE 6-12-00

Bohannan Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOLE DEVELOPERS



LEGEND

- 52.4 PROPOSED SPOT ELEVATION
- 52.4 EXISTING SPOT ELEVATION (GRND & TC)
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- 5470 EXISTING CONTOUR W/ INDEX ELEVATION
- 16"W EXISTING WATER MAIN
- 43.5 BACKYARD SWALE
- 64.97 EXISTING TOP OF PIPE WATERLINE ELEVATION
- PHASE BOUNDARY
- SWALE
- FLOW ARROW
- PROPOSED RETAINING WALL
- WATER BLOCK
- PROPOSED SLOPE
- MANDATORY DRIVEWAY LOCATION
- STORM DRAIN INLET
- EX. WATERLINE TO REMAIN DENOTES EXISTING WATERLINE. CONTRACTOR WILL USE CAUTION WHEN WORKING OVER OR CROSSING EXISTING WATERLINE. DAMAGE TO WATERLINE DUE TO EARTH WORK CONSTRUCTION WILL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE.

NOTES:

1) GARDEN WALLS ARE NOT DRAWN
A 1.5' MAX GRADE BREAK AT A PROPERTY LINE INDICATES A GARDEN WALL IS REQUIRED

PRELIMINARY
SUBJECT TO CITY REVIEW
10/16/00

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3
GRADING & EROSION CONTROL PLAN

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

City Project No.	Zone Map No.	Sheet	Of
	L8/M8	3	32

AS-BUILT INFORMATION
CONTRACTOR DATE
WORK STAKED BY DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD REVISION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 6-H9"
LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND DEL MASTRO DR. SW, EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5174.047

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
RICHARD LYNN BERGMANN
NEW MEXICO
PROFESSIONAL ENGINEER
10/16/00

NO.	BY	DATE	REMARKS
1	RLB	10/03/00	REVISED GRADING PLAN
2	RLB	10/16/00	REVISED GRADING PLAN

REVISIONS
DESIGN
Designed By: EES DATE: 4/6/00
Drawn By: DATE:
Chec'ed By: DATE:

P:\99470\CDP\GENERAL\GP01.DWG

B." JOB NO. 99470

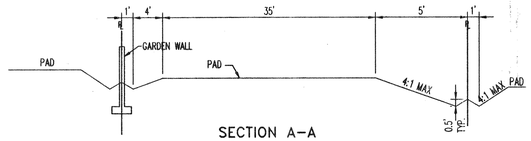
Date: February 22, 2000

NOTE:

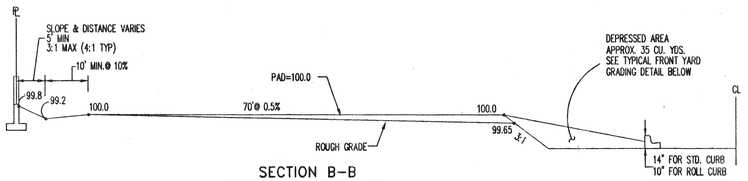
1. CONTRACTOR IS TO MASS GRADE ROADS TO 2' BEYOND FUTURE CURB. EXCESS FROM DRY UTILITY TRENCH IS TO BE USED TO BACK FILL BEHIND CURB.

2. FRONT YARD ARE TO BE GRADED AS SHOWN ON THIS DETAIL FOR FINAL GRADING AND CERTIFICATION THIS DETAIL TO BE COORDINATED WITH.

3. HOME BUILDER TO BRING FRONT YARD TO ULTIMATE FRONT YARD GRADES AFTER HOME CONSTRUCTION IS COMPLETED. SEE ULTIMATE FRONT YARD GRADING DETAIL ON THIS SHEET.

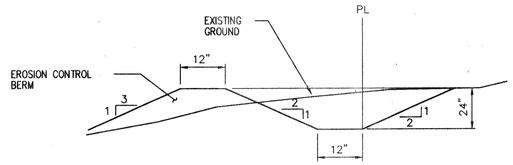


SECTION A–A
TYPICAL SIDEYARD SWALE
N.T.S.



SECTION B–B
NO SCALE

TYPICAL LOT GRADING DETAILS
NO SCALE



EROSION CONTROL BERM

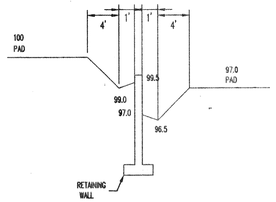
1. TO PREVENT EROSION FROM THE SITE, DURING GRADING & CONSTRUCTION OPERATIONS, A BERM OF THE ABOVE DIMENSIONS SHALL BE MAINTAINED ON THE WEST WEST BOUNDARY OF THE SITE.

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

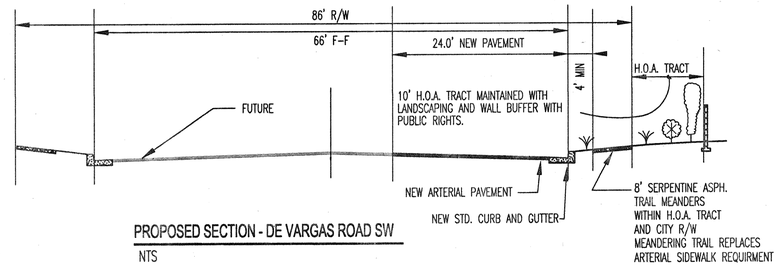
3. AFTER CONSTRUCTION ALL SURFACES WILL BE PAVED OR LANDSCAPED TO PREVENT EROSION.

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

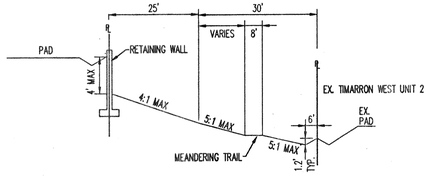
EROSION CONTROL PLAN
NO SCALE



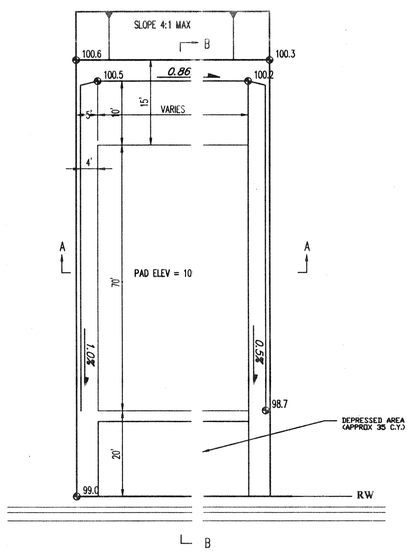
SIDE YARD RETAINING WALL DETAIL
N.T.S.



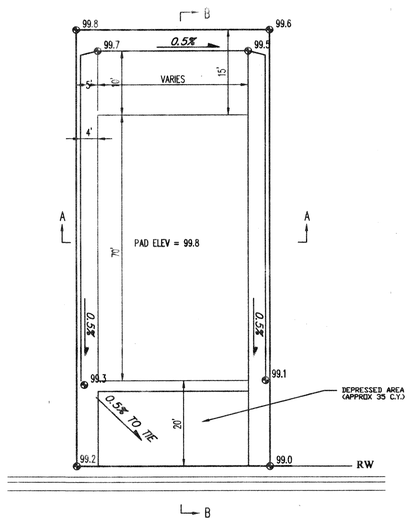
PROPOSED SECTION - DE VARGAS ROAD SW
NTS



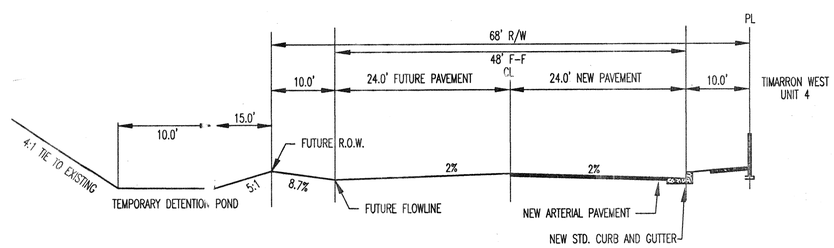
TYPICAL CROSS SECTION
EASTERN BOUNDARY
H.O.A. TRACT 'R'
N.T.S.



TYPICAL HIGH S DE LOT GRADE DETAIL



TYPICAL LOW SIDE LOT GRADE DETAIL



PROPOSED SECTION - 114TH STREET
MATCHES COA #549581
NTS

AS-BUILT INFORMATION

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

MICRO-FILM INFORMATION

	DATE
RECORDED BY	
NO.	

BENCH MARKS

ACS Brass Tablet stamped "1–A11–1980"
Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 365,236.60 Y= 1,531,711.91
Ground-to-Grid Factor= 0.9996658
α∠= –00°15'36"
SLD 1929 Elevation= 5331.73

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

RICHARD LYNN BELTMAN
NEW MEXICO
7106
REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: ES DATE: 04/00
Drawn By: DATE: 04/00
Checked By: RLB DATE: 04/00

Bohannan Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNITS 3 & 4
GRADING DETAILS

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

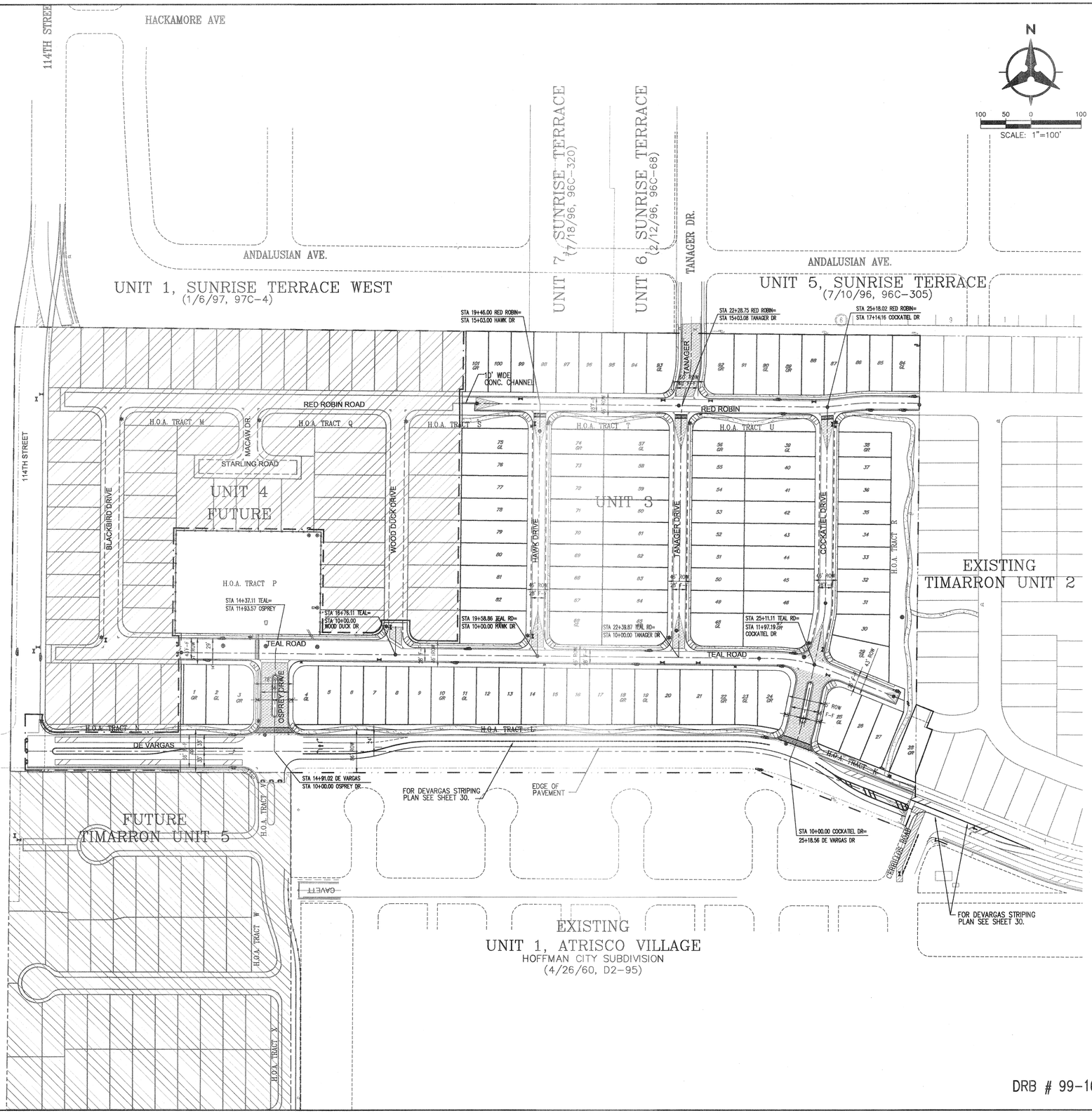
City Project No.	Zone Map No.	Sheet	Of
	L-8/M-8	5	32

BHI JOB NO. 99470

Date: January, 2000

11/24/99

P:\99470\CDP\GENERAL\UNIT_5\GP02.dwg



SCANNED BY
MESA REPRO

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL 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 IS RESPONSIBLE FOR REPAIR AND/ OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
5. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
6. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
7. ANY DAMAGE TO THE EXISTING FACILITIES, (C&G), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
8. REMOVAL OF THE EXISTING C&G SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
9. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
10. DENOTES CROWN TRANSITION PER COA STD DWG. 2401.
11. FOR QUARTER POINT TABLE REFER TO TYPICAL INTERSECTION RETURN DETAIL, SHEET 28.
12. INSTALL COLORED PATTERNED CONCRETE IN MEDIANS.
13. MH RIMS & CATCH BASIN INLET ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT ELEVATIONS.
14. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF GAS LINES WITH GAS COMPANY IF REQUIRED.

NOTE:
SEE DETAIL SHEETS 28-30 FOR STREET CROSS-SECTIONS & PAVEMENT DETAILS

LEGEND

- EXISTING R/W LINE
- EXISTING CURB & GUTTER
- EXISTING FENCE
- PROPOSED R/W LINE
- PROPERTY LINE
- PROPOSED STD CURB & GUTTER
- PROPOSED ROLL TYPE C&G
- PROPOSED PHASE BOUNDARY
- EASEMENT
- PROPOSED STREET LIGHT
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- PROPOSED MAIN VALVE
- PROPOSED SAS MANHOLE

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

AS-BUILT INFORMATION
CONTRACTOR: FLAMINGO LANDS DATE: 01
WORK STAKED BY: ALS DATE: 01
INSPECTOR'S ACCEPTANCE BY: SEE DATE: 11-01
FIELD VERIFICATION BY: ALS DATE: 01
DRAWINGS CORRECTED BY: ALS DATE: 11/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
RICHARD LYNN BRITTAIN
NEW MEXICO
10596
REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	
		Designed By: EES	DATE: 11/00
		Drawn By: KSH	DATE: 11/00
		Checked By: RLB	DATE: 11/00

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3
OVERALL PAVING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE	APPROVED FEB 23 2001 CITY ENGINEER			

DRB # 99-165

City Project No.	Zone Map No.	Sheet	Of
651681	L-8,M-8	6	32

P:\99470\CDP\GENERAL\UNIT_3\99470_3OPAV.DWG

99470A

16+37.11, 29.00' LT
BEGIN CURB RETURN

FLOWLINE DATA (C)

PC	81.04
1	81.22
2	81.40
3	81.57
PT	81.75

Δ=90°00'00"
R=25.00'
L=39.27'
T=25.00'

16+62.11, 54.00' LT
END CURB RETURN

17+15.11, 14.00' LT
BEGIN CURB RETURN

FLOWLINE DATA (D)

PC	78.49
1	78.89
2	79.29
3	79.69
PT	80.09

Δ=90°00'00"
R=25.00'
L=39.27'
T=25.00'

16+90.11, 39.00' LT
END CURB RETURN

19+44.86, 39.00 LT
BEGIN CURB RETURN

FLOWLINE DATA (E)

PC	68.60
1	68.84
2	69.09
3	69.33
PT	69.57

Δ=90°00'00"
R=25.00'
L=39.27'
T=25.00'

19+19.86, 14.00' LT
END CURB RETURN

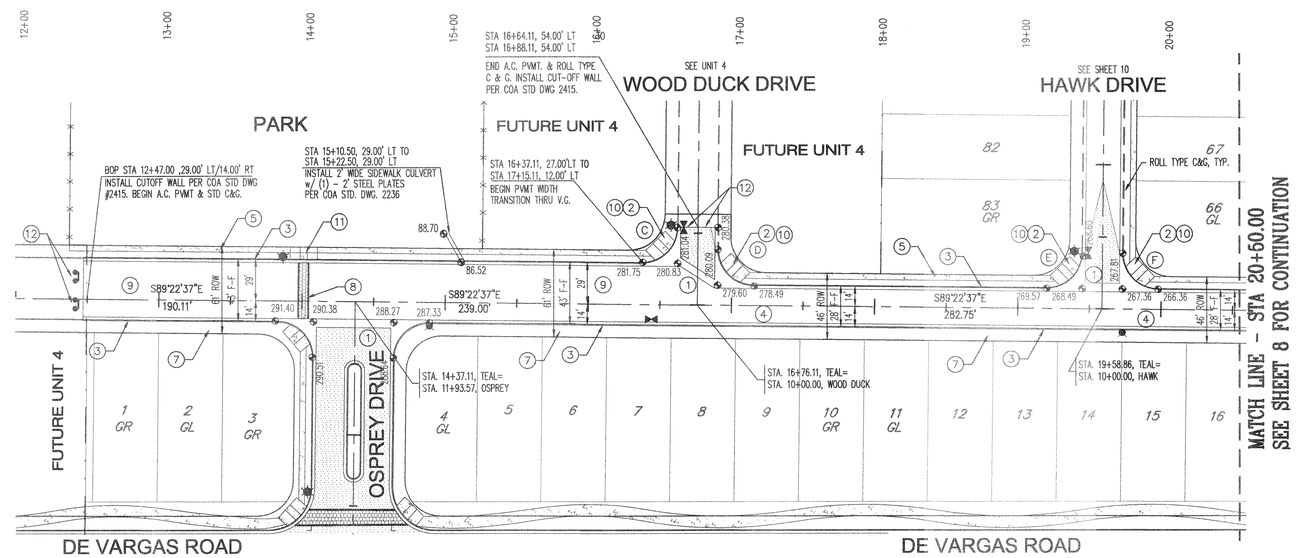
19+97.86, 14.00' LT
BEGIN CURB RETURN

FLOWLINE DATA (F)

PC	66.36
1	66.72
2	67.09
3	67.45
PT	67.81

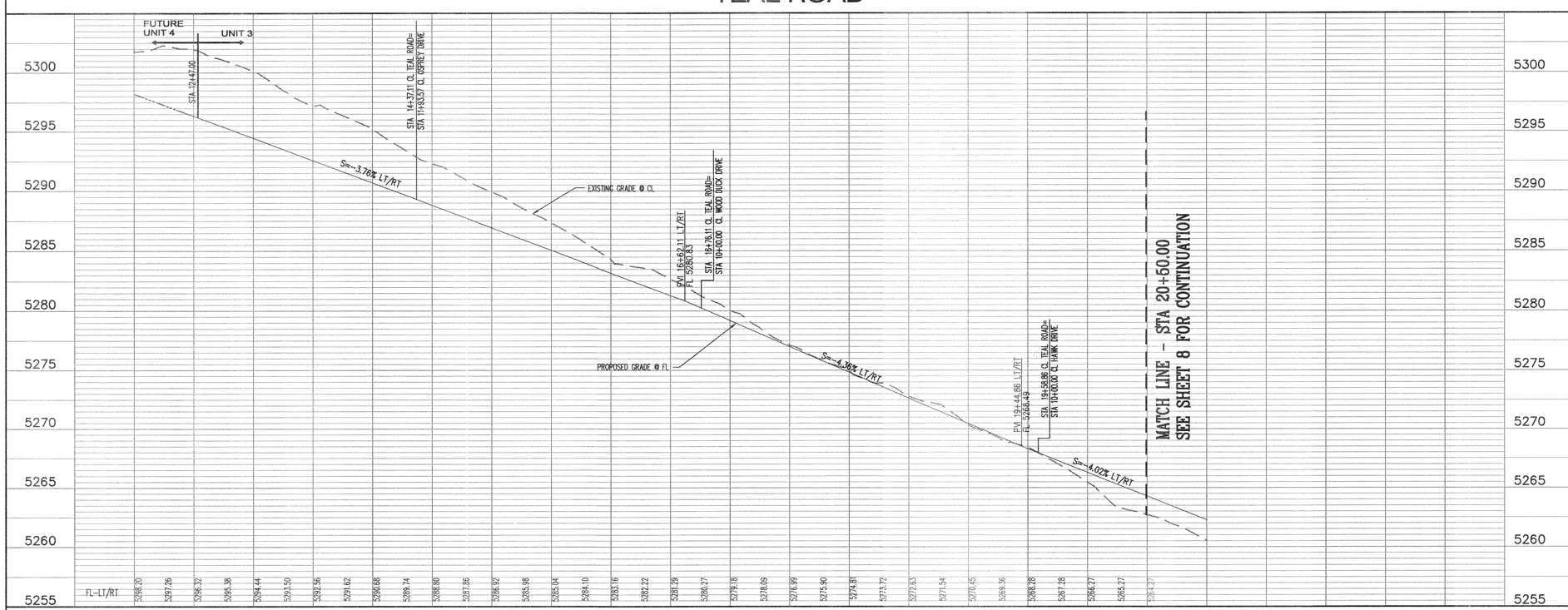
Δ=90°00'00"
R=25.00'
L=39.27'
T=25.00'

19+72.86, 39.00' LT
END CURB RETURN



SCANNED BY MESA REPRO

TEAL ROAD



SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)

N

50 25 0 50
1" = 50'

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
4. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/ OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
5. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
6. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
7. ANY DAMAGE TO THE EXISTING FACILITIES, C&G, PAVEMENT, CONDUITS, LANDSCAPING, EXISTING LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
8. REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
9. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
10. DENOTES CROWN TRANSITION PER COA STD. DWG. 2401.
11. QUARTER POINT TABLES ARE SPECIFIED ON PAVING SHEETS. FOR ADDITIONAL INFORMATION REFER TO TYPICAL INTERSECTION RETURN DETAIL, SHEET 29.
12. INSTALL COLORED PATTERNED CONCRETE IN ALL MEDIANS.
13. MH RIMS, CATCH BASIN INLET, & FH FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT ELEVATIONS.
14. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.

KEYED NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER COA STD. DWG. 2420.
2. INSTALL SPECIAL HANDICAP RAMP AS PER DETAIL "A", SHEET 29.
3. BUILD STD. CURB & GUTTER AS PER COA STD. DWG. 2415.
4. BUILD RESIDENTIAL PAVEMENT AS PER RESIDENTIAL SECTION, SHEET 28.
5. 4' SIDEWALK, DEFERRED.
6. * BUILD ROLL TYPE CURB & GUTTER AS PER COA STD. DWG. 2415.
7. NO SIDEWALK ON THIS SIDE, WAIVED.
8. 6"D X 10'W X 24'L (VARIES) PCC PVMT w/WIRE MESH, RUNNING BOND PATTERN, BAJA RED, PER DETAIL SHEET 28. GROOVES NOT TO EXCEED 1/4" DEPTH. SHAPE, DEPTH, & PATTERN OF CROSSWALK MUST MEET ADA STANDARD. PLACE (2) 12" WIDE WHITE PLASTIC STRIPES ON EACH SIDE OF PATTERNED CROSSWALK.
9. BUILD PAVEMENT AS PER TEAL RD 43' F-F PAVEMENT SECTION, SHEET 28.
10. TRANSITION FROM STD C&G TO ROLL TYPE C&G THRU RETURN PER COA STD DWG 2418.
11. INSTALL SPECIAL HANDICAP RAMP PER DETAIL 'B' SHEET 29.
12. INSTALL (2) TYPE III BARRICADES.

* NOT USED THIS SHEET

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

AS-BUILT INFORMATION
CONTRACTOR: Flowlines DATE: 01
WORK STAKED BY: ALS DATE: 01
INSPECTOR'S AS-BUILT BY: SCG DATE: 11-01
FIELD VERIFICATION BY: ALS DATE: 01
DRAWINGS CORRECTED BY: ALS DATE: 11/01
MICRO-FILM INFORMATION
RECORDED BY: DATE:
NO.
City Inspector: G. Shead

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
RICHARD LYNN BELTRAMO
NEW MEXICO
15596
REGISTERED PROFESSIONAL ENGINEER
11/12/01

No.	Date	REMARKS	By

REVISIONS

DESIGN
Designed By: EES DATE: 11/00
Drawn By: DH/KSH DATE: 11/00
Checked By: RLB DATE: 11/00

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3 SUBDIVISION
PAVING PLAN & PROFILE
TEAL ROAD STA 12+00.00 - 20+50.00

Design Review Committee: APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB 22 2001 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
651681	L8-M8	7	32

P:\99470\CDP\PNP\UNIT_3\PPNP_01.DWG

22+25.87, 39.00' LT
BEGIN CURB RETURN

FLOWLINE DATA (G)

PC	57.32
1	57.54
2	57.76
3	57.98
PT	58.20

Δ=90°00'00"
R=25.00'
L=39.27'
T=25.00'

22+00.87, 14.00' LT
END CURB RETURN

22+78.87, 14.00' LT
BEGIN CURB RETURN

FLOWLINE DATA (H)

PC	54.90
1	55.40
2	55.89
3	56.39
PT	56.88

Δ=90°00'00"
R=25.00'
L=39.27'
T=25.00'

22+53.87, 39.00' LT
END CURB RETURN

24+96.02, 38.77' LT
BEGIN CURB RETURN

FLOWLINE DATA (I)

PC	46.34
1	46.61
2	46.80
3	47.14
PT	47.41

Δ=87°21'25"
R=25.00'
L=38.12'
T=23.87'

24+73.88, 14.00' LT
END CURB RETURN

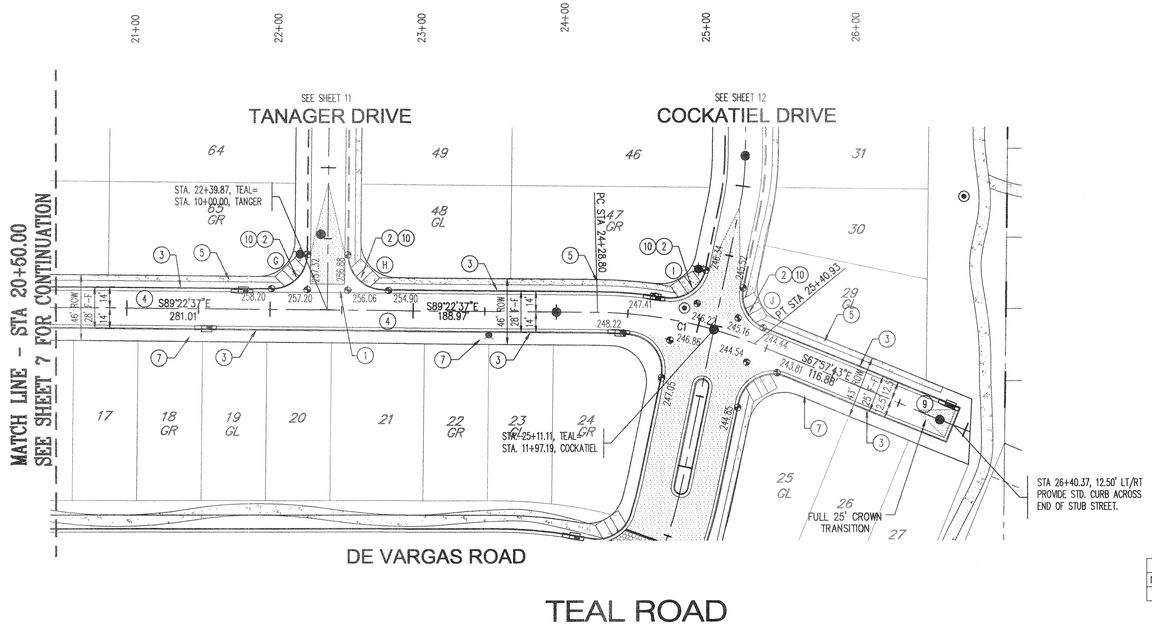
25+43.79, 12.50' LT
BEGIN CURB RETURN

FLOWLINE DATA (J)

PC	44.44
1	44.71
2	44.98
3	45.25
PT	45.52

Δ=79°50'16"
R=25.00'
L=34.84'
T=20.19'

25+21.37, 33.80' LT
END CURB RETURN



CURVE TABLE				
NUMBER	RADIUS	LENGTH	DELTA	TANGENT
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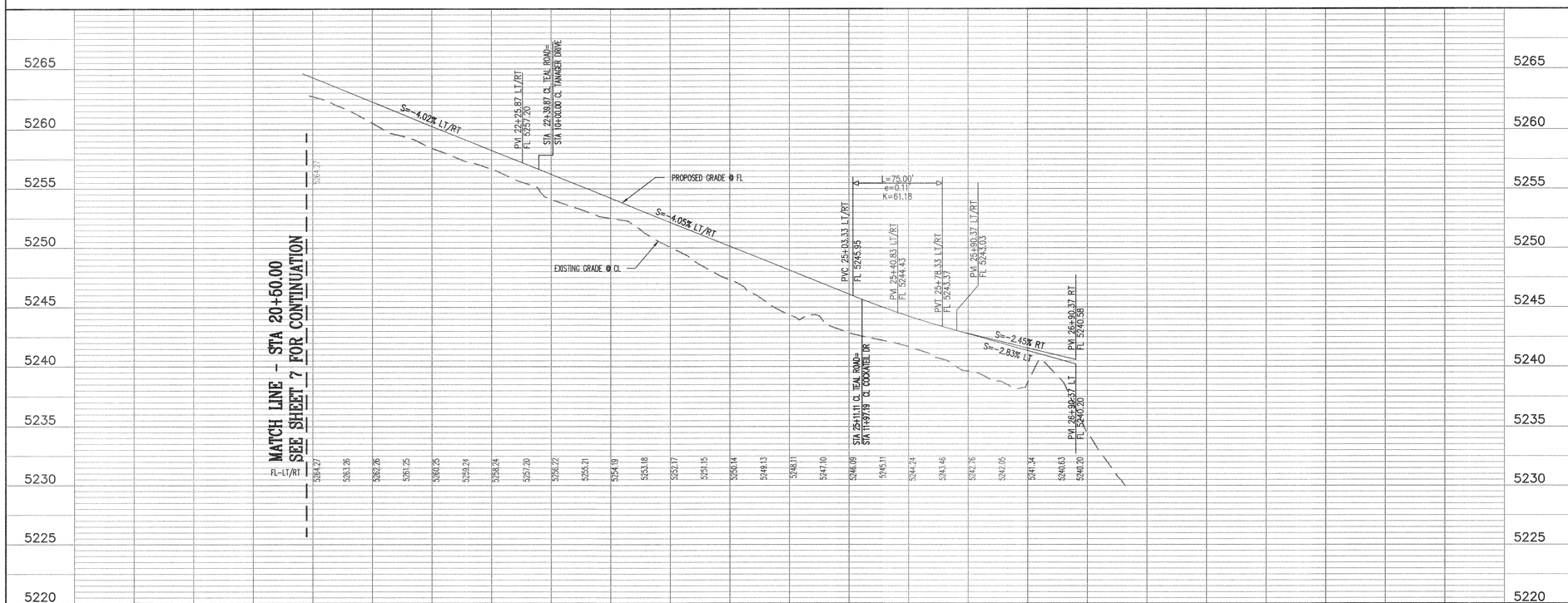

SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
4. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/ OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
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8. REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
9. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
10. DENOTES CROWN TRANSITION PER COA STD. DWG. 2401.
11. QUARTER POINT TABLES ARE SPECIFIED ON PAVING SHEETS. FOR ADDITIONAL INFORMATION REFER TO TYPICAL INTERSECTION RETURN DETAIL, SHEET 29.
12. INSTALL COLORED PATTERNED CONCRETE IN ALL MEDIANS.
13. MH RIMS, CATCH BASIN INLET, & FH FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT ELEVATIONS.
14. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.

KEYED NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER COA STD. DWG. 2420.
2. INSTALL SPECIAL HANDICAP RAMP AS PER DETAIL "A", SHEET 29.
3. BUILD STD. CURB & GUTTER AS PER COA STD. DWG. 2415.
4. BUILD RESIDENTIAL PAVEMENT AS PER RESIDENTIAL SECTION, SHEET 28.
5. 4' SIDEWALK, DEFERRED.
6. * BUILD ROLL TYPE CURB & GUTTER AS PER COA STD. DWG. 2415.
7. NO SIDEWALK ON THIS SIDE, WAIVED.
8. * 6"D X 10'W X 24'L (VARIES) PCC PVMT w/WIRE MESH, RUNNING BOND PATTERN, BAJA RED, PER DETAIL SHEET 28. GROOVES NOT TO EXCEED 1/4" DEPTH. SHAPE, DEPTH, & PATTERN OF CROSSWALK MUST MEET ADA STANDARD. PLACE (2) 12" WIDE WHITE PLASTIC STRIPES ON EACH SIDE OF PATTERNED CROSSWALK.
9. BUILD PVMT PER RESIDENTIAL STUB STREET 25' F-F PVMT SECTION, SHT 28.
10. TRANSITION FROM STD C&G TO ROLL TYPE C&G THRU RETURN PER COA STD DWG 2418.

* NOT USED THIS SHEET

SCANNED BY
MESA REPRO

AS-BUILT INFORMATION
CONTRACTOR Sundance DATE 01
WORK STAKED BY ACS DATE 01
INSPECTOR'S ACCEPTANCE BY Sec DATE 11/01
FIELD VERIFICATION BY ACS DATE 01
DRAWINGS CORRECTED BY ACS DATE 11/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
RICHARD LYNN BELTRAN
NEW MEXICO
10596
REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: EES DATE: 11/00
Drawn By: DH/KSH DATE: 11/00
Checked By: RLB DATE: 11/00

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3 SUBDIVISION
PAVING PLAN & PROFILE
TEAL ROAD STA 20+50.00 - 27+00.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE	APPROVED FEB 23 2001 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
651681	L8-M8	8	32

P:\99470\CDP\PNP\UNIT_3\PPNP_02.DWG

19+07.00, 14.00' RT
BEGIN CURB RETURN

FLOWLINE DATA (M)

PC	66.77
1	66.71
2	66.66
3	66.60
PT	66.54

Δ=90°00'00" R=25.00' L=39.27' T=25.00'

19+32.00, 39.00' RT
END CURB RETURN

14+64.00, 14.00' RT
BEGIN CURB RETURN

FLOWLINE DATA (N)

PC	65.67
1	65.07
2	64.46
3	63.88
PT	63.28

Δ=90°00'00" R=25.00' L=39.27' T=25.00'

19+60.00, 39.00' RT
END CURB RETURN

21+88.00, 14.00' RT
BEGIN CURB RETURN

FLOWLINE DATA (Q)

PC	54.19
1	54.14
2	54.10
3	54.05
PT	54.00

Δ=90°00'00" R=25.00' L=39.27' T=25.00'

22+13.00, 39.00' RT
END CURB RETURN

22+41.00, 39.00' RT
BEGIN CURB RETURN

FLOWLINE DATA (R)

PC	53.75
1	53.10
2	52.53
3	52.06
PT	51.68

Δ=90°00'00" R=25.00' L=39.27' T=25.00'

22+66.00, 14.00' RT
END CURB RETURN

22+14.04, 26.60' LT
BEGIN CURB RETURN

FLOWLINE DATA (O)

PC	53.40
1	53.57
2	53.74
3	53.90
PT	54.07

Δ=67°54'17" R=25.00' L=29.63' T=16.83'

21+90.88, 14.00' LT
END CURB RETURN

22+84.98, 14.00' LT
BEGIN CURB RETURN

FLOWLINE DATA (P)

PC	51.09
1	51.52
2	51.95
3	52.38
PT	52.81

Δ=103°02'36" R=25.00' L=44.96' T=31.45'

22+60.63, 44.64' LT
END CURB RETURN

24+79.00, 14.00' RT
BEGIN CURB RETURN

FLOWLINE DATA (S)

PC	44.05
1	44.01
2	43.97
3	43.92
PT	43.88

Δ=90°00'00" R=25.00' L=39.27' T=25.00'

25+03.04, 39.10' RT
END CURB RETURN

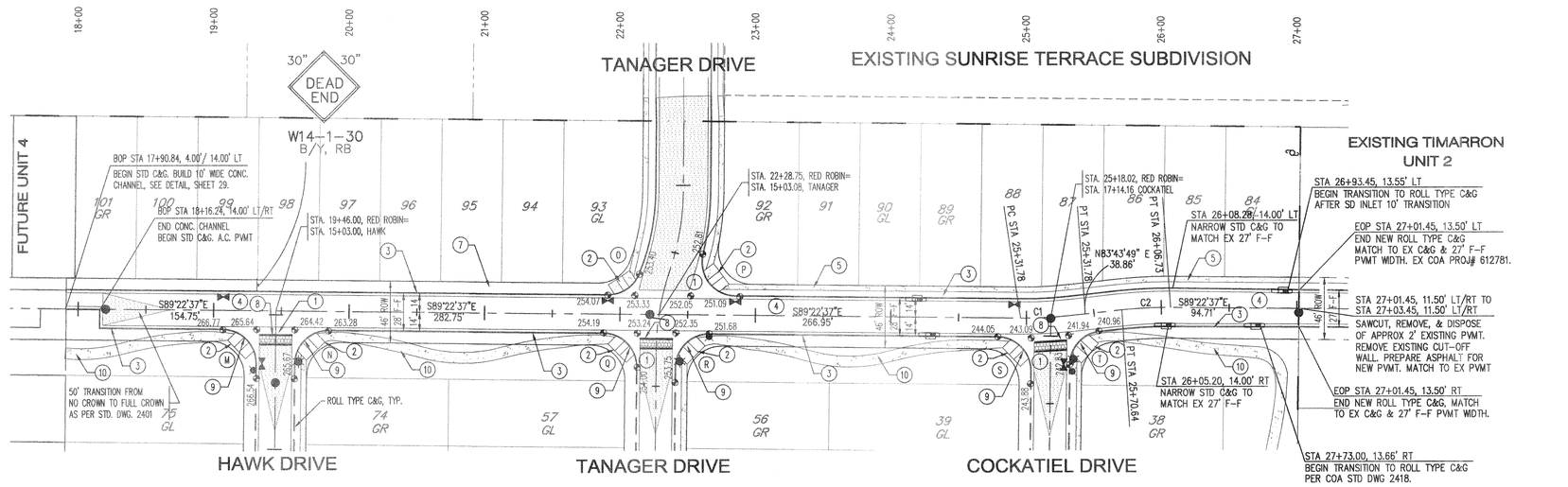
25+28.17, 36.02' RT
BEGIN CURB RETURN

FLOWLINE DATA (T)

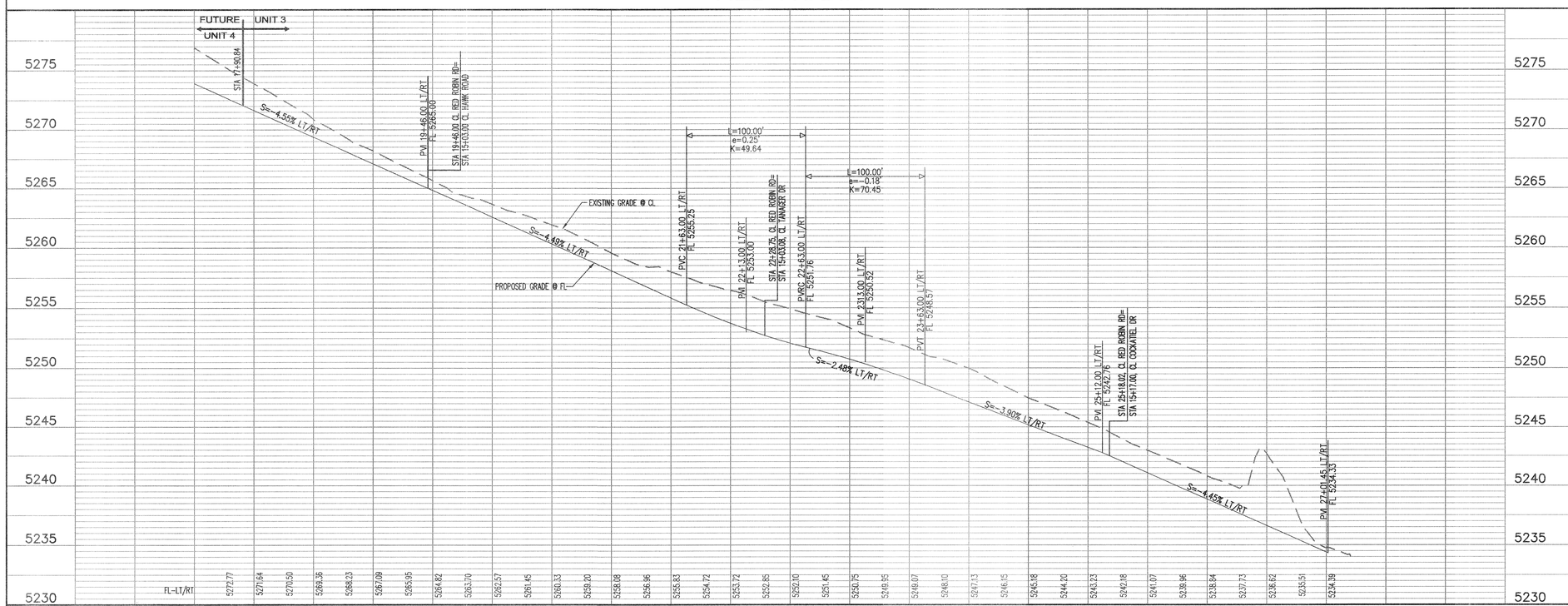
PC	42.83
1	42.36
2	42.90
3	41.43
PT	40.96

Δ=83°06'26" R=25.00' L=36.26' T=22.16'

25+52.56, 14.00' RT
END CURB RETURN



CURVE TABLE				
NUMBER	RADIUS	LENGTH	DELTA	TANGENT
C1	300.00'	36.09'	06°53'34"	18.07'
C2	300.00'	36.09'	06°53'34"	18.07'



SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
4. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/ OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
5. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
6. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
7. ANY DAMAGE TO THE EXISTING FACILITIES, C&G, PAVEMENT, CONDUITS, LANDSCAPING, EXISTING LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
8. REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
9. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
10. DENOTES CROWN TRANSITION PER COA STD. DWG. 2401.
11. QUARTER POINT TABLES ARE SPECIFIED ON PAVING SHEETS. FOR ADDITIONAL INFORMATION REFER TO TYPICAL INTERSECTION RETURN DETAIL, SHEET 29.
12. INSTALL COLORED PATTERNED CONCRETE IN ALL MEDIANS.
13. MH RIMS, CATCH BASIN INLET, & FH FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT ELEVATIONS.
14. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.

KEYED NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER COA STD. DWG. 2420.
2. INSTALL SPECIAL HANDICAP RAMP AS PER DETAIL "A", SHEET 29.
3. BUILD STD. CURB & GUTTER AS PER COA STD. DWG. 2415.
4. BUILD RESIDENTIAL PAVEMENT AS PER RESIDENTIAL SECTION, SHEET 28.
* 5. 4' SIDEWALK, DEFERRED.
* 6. BUILD ROLL TYPE CURB & GUTTER AS PER COA STD. DWG. 2415.
7. NO SIDEWALK ON THIS SIDE, WAIVED.
8. 6"D X 10'W X 24'L (VARIES) PCC PVMT w/WIRE MESH, RUNNING BOND PATTERN, BAJA RED, PER DETAIL SHEET 28. GROOVES NOT TO EXCEED 1/4" DEPTH. SHAPE, DEPTH, & PATTERN OF CROSSWALK MUST MEET ADA STANDARD. PLACE (2) 12" WIDE WHITE PLASTIC STRIPES ON EACH SIDE OF PATTERNED CROSSWALK.
9. TRANSITION FROM STD C&G TO ROLL TYPE C&G THRU RETURN PER COA STD DWG 2418.
10. 8' ~~P~~AC PEDESTRIAN TRAIL, SEE DETAIL, SHT 29.

* NOT USED THIS SHEET

Bohannan Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

AS-BUILT INFORMATION
CONTRACTOR FRANKLINS DATE 01
WORK STAKED BY ALS DATE 01
INSPECTOR'S ACCEPTANCE BY SEC DATE 11/01
FIELD VERIFICATION BY ALS DATE 01
DRAWINGS CORRECTED BY ALS DATE 11/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.
City Inspector: G. Shende

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
RICHARD L. HANN JR. NEW MEXICO 10595 REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: EES DATE: 11/00
Drawn By: KSH DATE: 11/00
Checked By: RLB DATE: 11/00

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

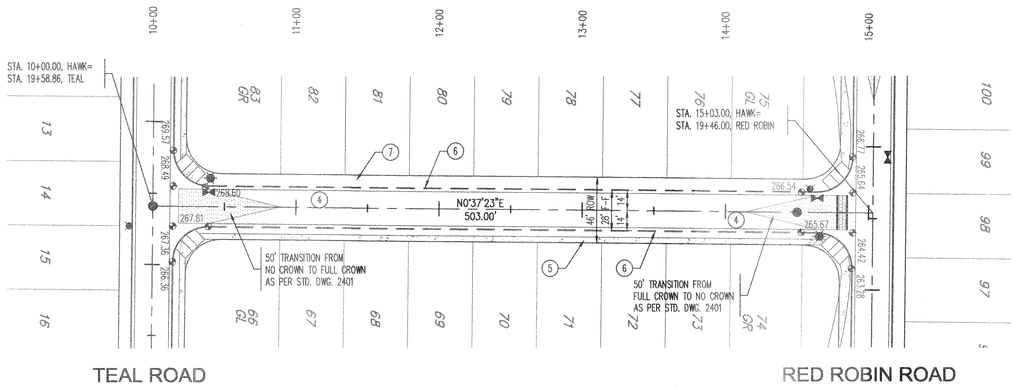
TIMARRON WEST UNIT 3 SUBDIVISION
PAVING PLAN & PROFILE
RED ROBIN

Design Review Committee: APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB 2 2001 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 651681 | Zone Map No. L8-M8 | Sheet 9 Of 32

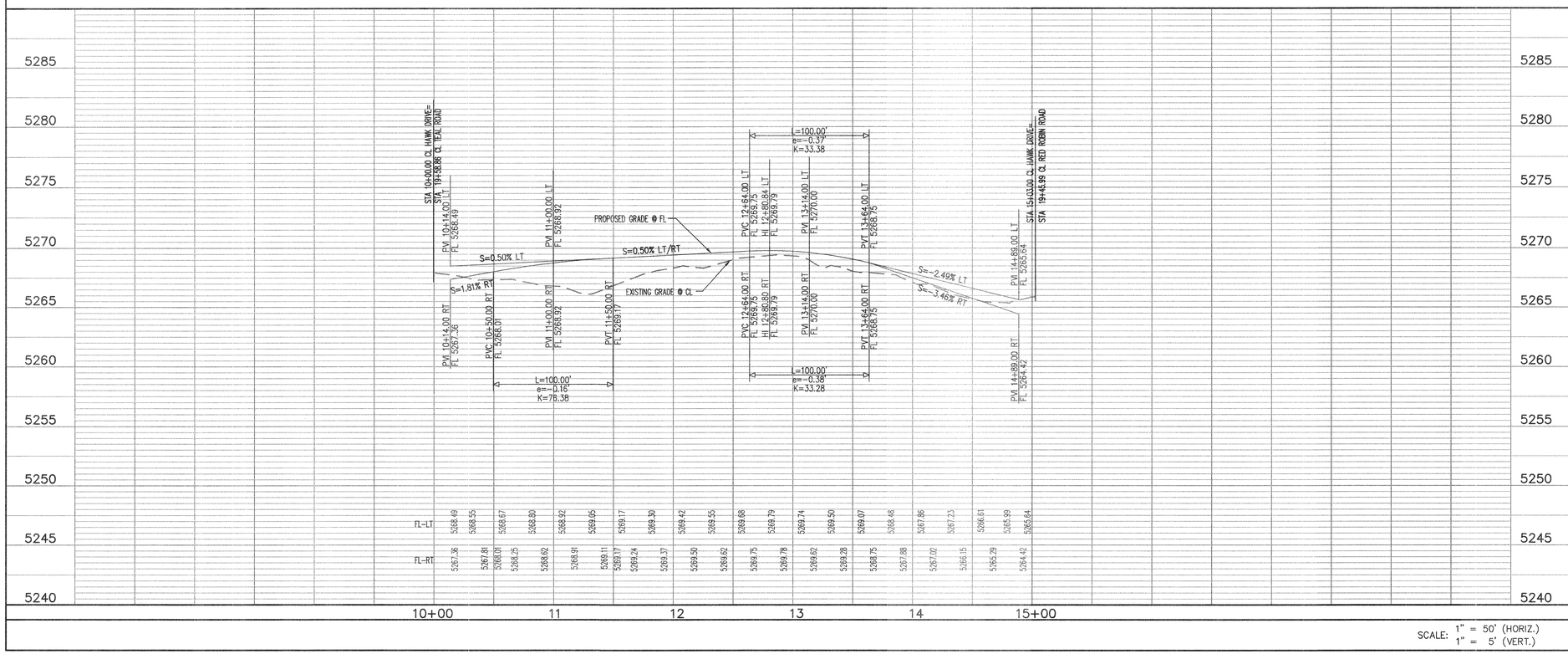
SCANNED BY MESA REPRO

P:\99470\CDP\PNP\UNIT_3\PPNP_06.DWG



SCANNED BY
MESA REPRO

HAWK DRIVE



SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)

GENERAL NOTES

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11. QUARTER POINT TABLES ARE SPECIFIED ON PAVING SHEETS. FOR ADDITIONAL INFORMATION REFER TO TYPICAL INTERSECTION RETURN DETAIL, SHEET 29.
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KEYED NOTES

*(1) INSTALL CONCRETE VALLEY GUTTER AS PER COA STD. DWG. 2420.

*(2) INSTALL SPECIAL HANDICAP RAMP AS PER DETAIL "A", SHEET 29.

*(3) BUILD STD. CURB & GUTTER AS PER COA STD. DWG. 2415.

(4) BUILD RESIDENTIAL PAVEMENT AS PER RESIDENTIAL SECTION, SHEET 28.

(5) 4' SIDEWALK, DEFERRED.

(6) BUILD ROLL TYPE CURB & GUTTER AS PER COA STD. DWG. 2415.

(7) NO SIDEWALK ON THIS SIDE, WAIVED.

*(8) 6"D X 10'W X 24'L (VARIES) PCC PVMT w/WRE MESH, RUNNING BOND PATTERN, BAJA RED, PER DETAIL SHEET 28. GROOVES NOT TO EXCEED 1/4" DEPTH. SHAPE, DEPTH, & PATTERN OF CROSSWALK MUST MEET ADA STANDARD. PLACE (2) 12" WIDE WHITE PLASTIC STRIPES ON EACH SIDE OF PATTERNED CROSSWALK.

* NOT USED THIS SHEET

AS-BUILT INFORMATION
CONTRACTOR Frankenus DATE 01
SURVEY STAKED BY ACS DATE 01
INSPECTOR'S ACCEPTANCE BY SEC DATE 11-01
FIELD VERIFICATION BY ACS DATE 01
DRAWINGS CORRECTED BY ACS DATE 11/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.
City Inspector: G. Shenale

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
RICHARD LYNN BRYANT
NEW MEXICO
8708
REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By

REVISIONS

DESIGN
Designed By: EES DATE: 11/00
Drawn By: KSH DATE: 11/00
Checked By: RLB DATE: 11/00

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

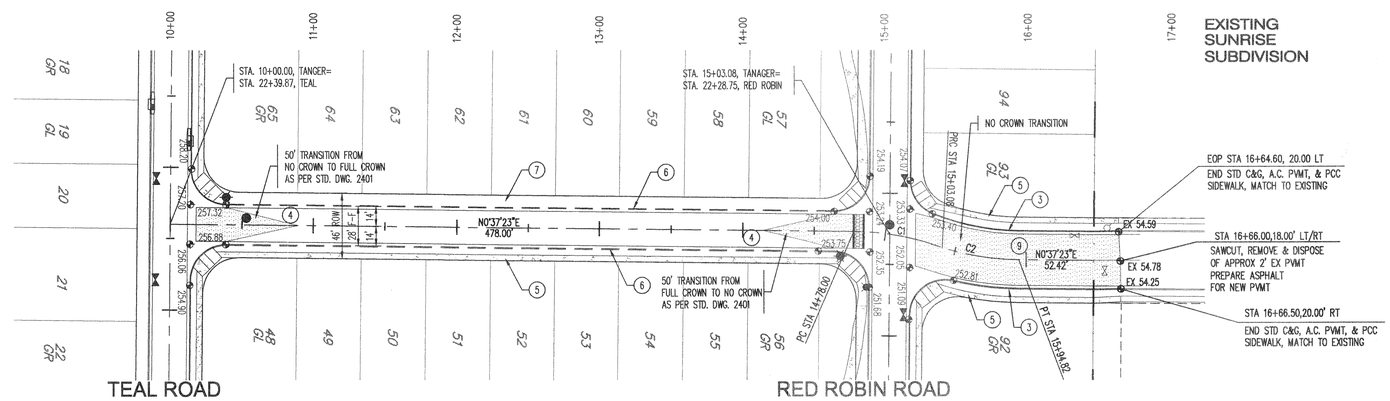
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3 SUBDIVISION
PAVING PLAN & PROFILE
HAWK DRIVE

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE	APPROVED FEB 22 2001 CITY ENGINEER			

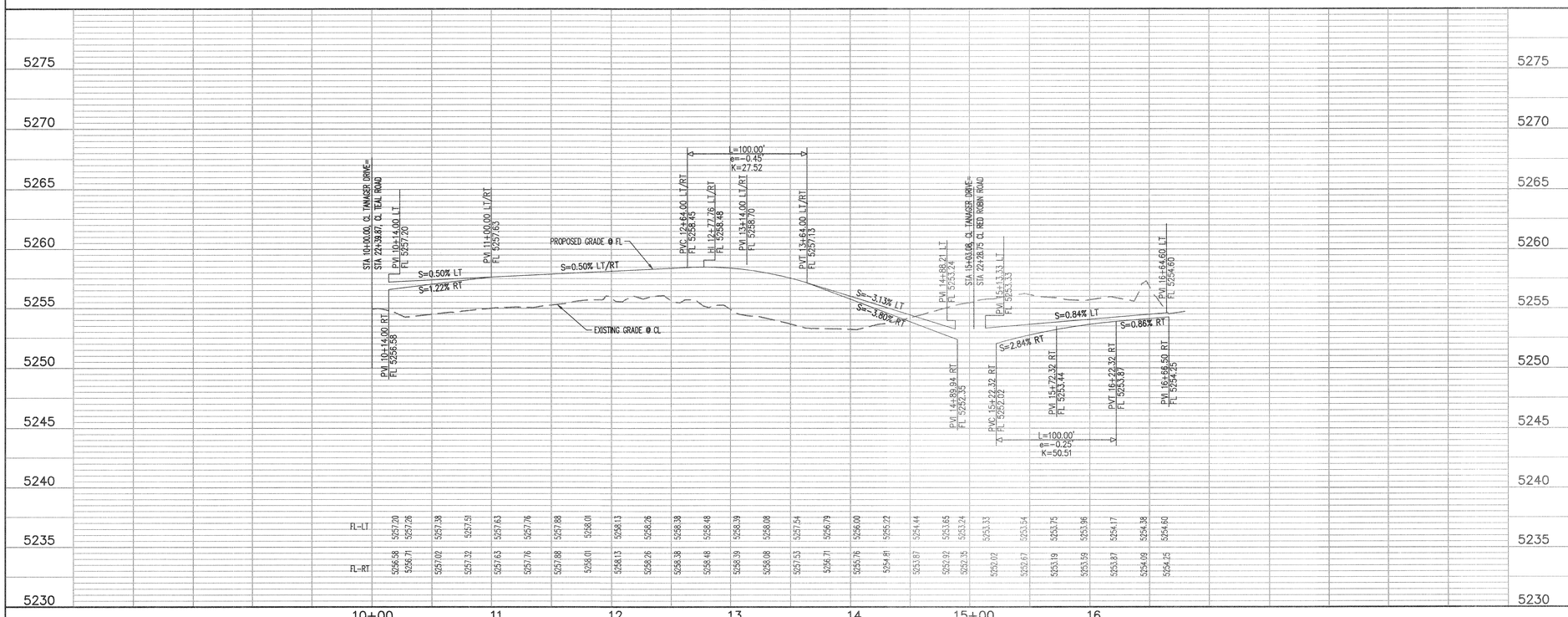
City Project No.	Zone Map No.	Sheet	Of
651681	L8-M8	10	32

P:\99470\CDP\PNP\UNIT_3\PPNP_05.DWG



SCANNED BY MESA REPRO

TANAGER DRIVE



SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)

CURVE TABLE				
NUMBER	RADIUS	LENGTH	DELTA	TANGENT
C1	180.00'	31.42'	10°00'00"	15.75'
C2	180.00'	33.46'	10°39'04"	16.78'

GENERAL NOTES

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(4) BUILD RESIDENTIAL PAVEMENT AS PER RESIDENTIAL SECTION, SHEET 28.

(5) 4' SIDEWALK, DEFERRED.

(6) BUILD ROLL TYPE CURB & GUTTER AS PER COA STD. DWG. 2415.

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(9) BUILD PAVEMENT PER TANAGER 40' F-F PVMT SECTION, SHEET 28.

* NOT USED THIS SHEET

AS-BUILT INFORMATION
CONTRACTOR FRANKLINS DATE 11
WORK STAKED BY ALS DATE 01
WORK INSPECTED BY SEC DATE 1-01
ACCEPTANCE BY
FIELD VERIFICATION BY ALS DATE 01
DRAWINGS CORRECTED BY ALS DATE 1/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
RICHARD LYNN BELTZ NEW MEXICO PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: EES DATE: 11/00
Drawn By: KSH DATE: 11/00
Checked By: RLB DATE: 11/00

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3 SUBDIVISION
PAVING PLAN & PROFILE
TANAGER DRIVE

Design Review Committee	City Engineer Approval		Mo./Day/Yr.	Mo./Day/Yr.
APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE	APPROVED FEB 23 2001 CITY ENGINEER	Last Design Update		

City Project No.	Zone Map No	Sheet	Of
651681	L8-M8	11	32

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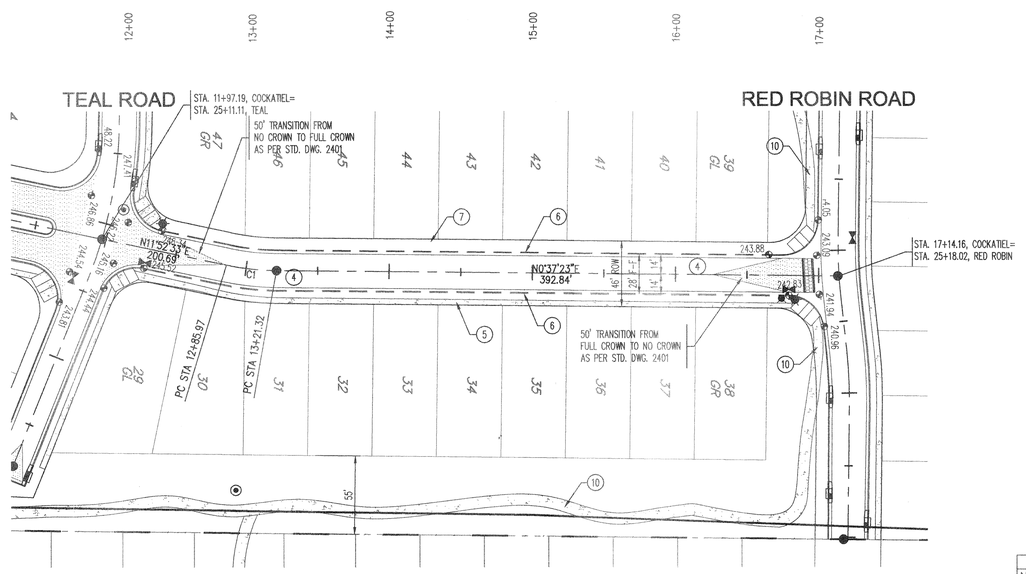
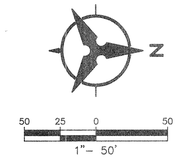
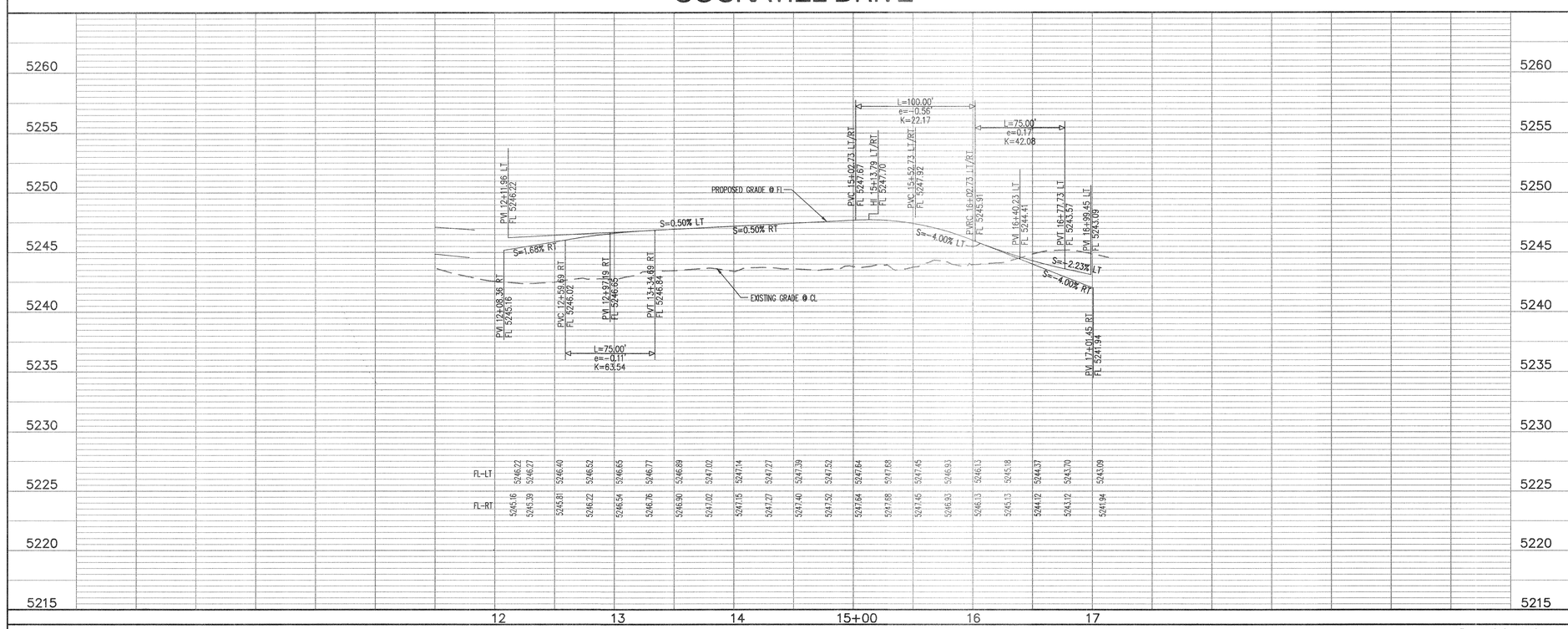




CURVE TABLE				
NUMBER	RADIUS	LENGTH	DELTA	TANGENT
C1	180.00'	33.35'	11°15'01"	17.73'

COCKATIEL DRIVE



SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)

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(5) 4' SIDEWALK, DEFERRED.
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* (9) BUILD HANDICAP RAMP PER DETAIL 'B', SHT 29.
(10) 8' ~~PCC~~ AC PEDESTRIAN TRAIL, SEE DETAIL, SHT 29.

* NOT USED THIS SHEET

AS-BUILT INFORMATION
CONTRACTOR FRANKLINS DATE 01
WORK STAKED BY ALS DATE 01
INSPECTOR'S ACCEPTANCE BY [illegible] DATE 11-01
FIELD VERIFICATION BY ALS DATE 01
DRAWINGS CORRECTED BY ALS DATE 11/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
RICHARD LYNN BELTRAMO
NEW MEXICO
10598
REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS REVISIONS DESIGN	By

Designed By: EES DATE: 11/00
Drawn By: KSH DATE: 11/00
Checked By: RLB DATE: 11/00

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3 SUBDIVISION
PAVING PLAN & PROFILE
COCKATIEL DRIVE

Design Review Committee: APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB 2 2001 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 651681 | Zone Map No. L8-M8 | Sheet 12 Of 32

SCANNED BY MESA REPRO

P:\99470\CDP\PNP\UNIT_3\99470PPNP_03.DWG

10+62.42, 29.00' LT
BEGIN CURB RETURN

FLOWLINE DATA (U)

PC	90.22	
1	90.48	Δ=89°25'54"
2	90.94	R=30.00'
3	91.00	L=46.83'
PT	91.26	T=29.70'

10+32.42, 58.70' LT
END CURB RETURN

10+33.57, 57.30 RT
BEGIN CURB RETURN

FLOWLINE DATA (V)

PC	86.83	
1	87.27	Δ=90°34'06"
2	87.70	R=30.00'
3	88.14	L=47.42'
PT	88.57	T=30.30'

10+63.57, 33.00' RT
END CURB RETURN

11+79.57, 54.00' LT
BEGIN CURB RETURN

FLOWLINE DATA (A)

PC	91.40	
1	91.18	Δ=90°00'00"
2	90.96	R=25.00'
3	90.73	L=39.27'
PT	90.51	T=25.00'

11+54.57, 29.00' LT
END CURB RETURN

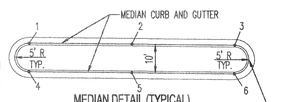
11+54.57, 27.00' RT
BEGIN CURB RETURN

FLOWLINE DATA (B)

PC	88.64	
1	88.32	Δ=90°00'00"
2	87.99	R=25.00'
3	87.66	L=39.27'
PT	87.33	T=25.00'

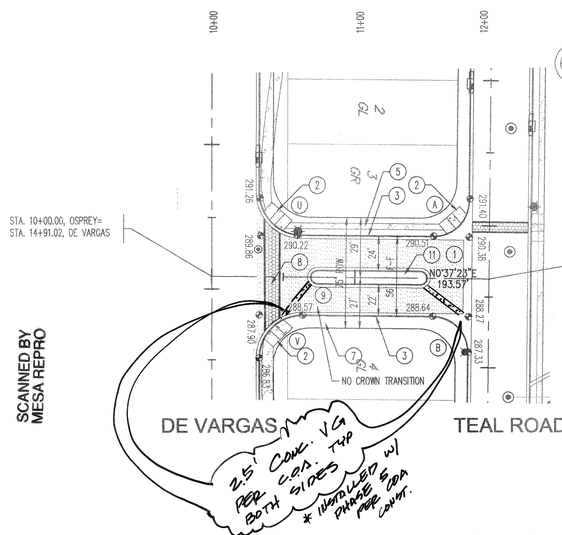
11+79.57, 52.00' RT
END CURB RETURN

50 25 0 50
1"= 50'



MEDIAN DETAIL (TYPICAL)
NOT TO SCALE

10' BACK FROM FACE OF MEDIAN, INSTALL 4" THICK PORTLAND CEMENT PATTERNED CONCRETE AS PER STD. DWG. 2408. NOSE TO BE PAINTED REFLECTIVE YELLOW, TYP.



MEDIAN CURB DATA		
PT	FL	STATION & OFFSET
1	90.37	104+73.83, 5.00' LT.
2	90.55	11+09.72, 5.00' LT.
3	90.49	11+45.61, 5.00' LT.
4	88.88	11+45.61, 5.00' RT.
5	89.16	11+09.72, 5.00' RT.
6	88.87	104+73.83, 5.00' RT.

OSPREY DRIVE ENTRANCE

10+56.79, 29.00' LT
BEGIN CURB RETURN

FLOWLINE DATA (W)

PC	47.71	
1	47.93	Δ=84°22'58"
2	48.34	R=25.00'
3	48.96	L=36.82'
PT	49.77	T=22.66'

10+29.14, 50.57' LT
END CURB RETURN

10+31.71, 50.93' RT
BEGIN CURB RETURN

FLOWLINE DATA (X)

PC	45.18	
1	45.52	Δ=85°45'21"
2	45.73	R=25.00'
3	45.79	L=37.42'
PT	45.72	T=23.21'

10+54.30, 27.00' RT
END CURB RETURN

11+82.12, 56.93' LT
BEGIN CURB RETURN

FLOWLINE DATA (L)

PC	48.22	
1	47.93	Δ=96°44'24"
2	47.64	R=25.00'
3	47.34	L=42.21'
PT	47.05	T=28.13'

11+57.29, 29.00' LT
END CURB RETURN

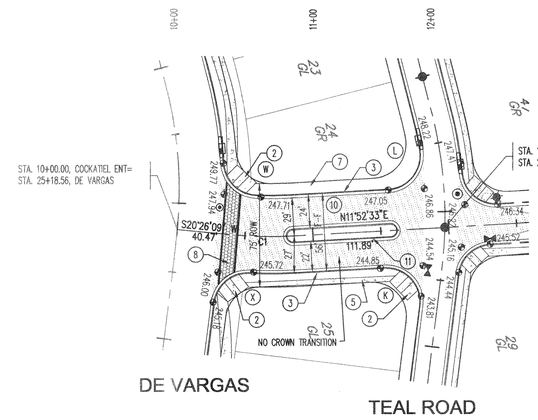
11+51.27, 27.00' RT
BEGIN CURB RETURN

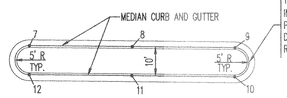
FLOWLINE DATA (K)

PC	44.85	
1	45.59	Δ=100°09'44"
2	44.33	R=25.00'
3	44.07	L=43.70'
PT	43.81	T=29.88'

11+75.88, 56.41' RT
END CURB RETURN

50 25 0 50
1"= 50'





MEDIAN DETAIL (TYPICAL)
NOT TO SCALE

10' BACK FROM FACE OF MEDIAN, INSTALL 4" THICK PORTLAND CEMENT PATTERNED CONCRETE AS PER STD. DWG. 2408. NOSE TO BE PAINTED REFLECTIVE YELLOW, TYP.

MEDIAN CURB DATA		
PT	FL	STATION & OFFSET
7	47.56	10+85.29, 5.00' LT.
8	47.31	11+21.29, 5.00' LT.
9	47.05	11+57.29, 5.00' LT.
10	44.76	11+57.29, 5.00' RT.
11	45.12	11+21.29, 5.00' RT.
12	45.48	10+85.29, 5.00' RT.

COCKATIEL DRIVE ENTRANCE

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
4. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/ OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
5. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
6. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
7. ANY DAMAGE TO THE EXISTING FACILITIES, C&G, PAVEMENT, CONDUITS, LANDSCAPING, EXISTING LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
8. REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
9. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
10. DENOTES CROWN TRANSITION PER COA STD. DWG. 2401.
11. QUARTER POINT TABLES ARE SPECIFIED ON PAVING SHEETS. FOR ADDITIONAL INFORMATION REFER TO TYPICAL INTERSECTION RETURN DETAIL, SHEET 29.
12. INSTALL COLORED PATTERNED CONCRETE IN ALL MEDIANS.
13. MH RIMS, CATCH BASIN INLET, & FH FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT ELEVATIONS.
14. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.

KEYED NOTES

(1) INSTALL CONCRETE VALLEY GUTTER AS PER COA STD. DWG. 2420.

(2) INSTALL SPECIAL HANDICAP RAMP AS PER DETAIL "A", SHEET 29.

(3) BUILD STD. CURB & GUTTER AS PER COA STD. DWG. 2415.

* (4) BUILD RESIDENTIAL PAVEMENT AS PER RESIDENTIAL SECTION, SHEET 28.

(5) 4' SIDEWALK, DEFERRED.

* (6) BUILD ROLL TYPE CURB & GUTTER AS PER COA STD. DWG. 2415.

(7) NO SIDEWALK ON THIS SIDE, WAIVED.

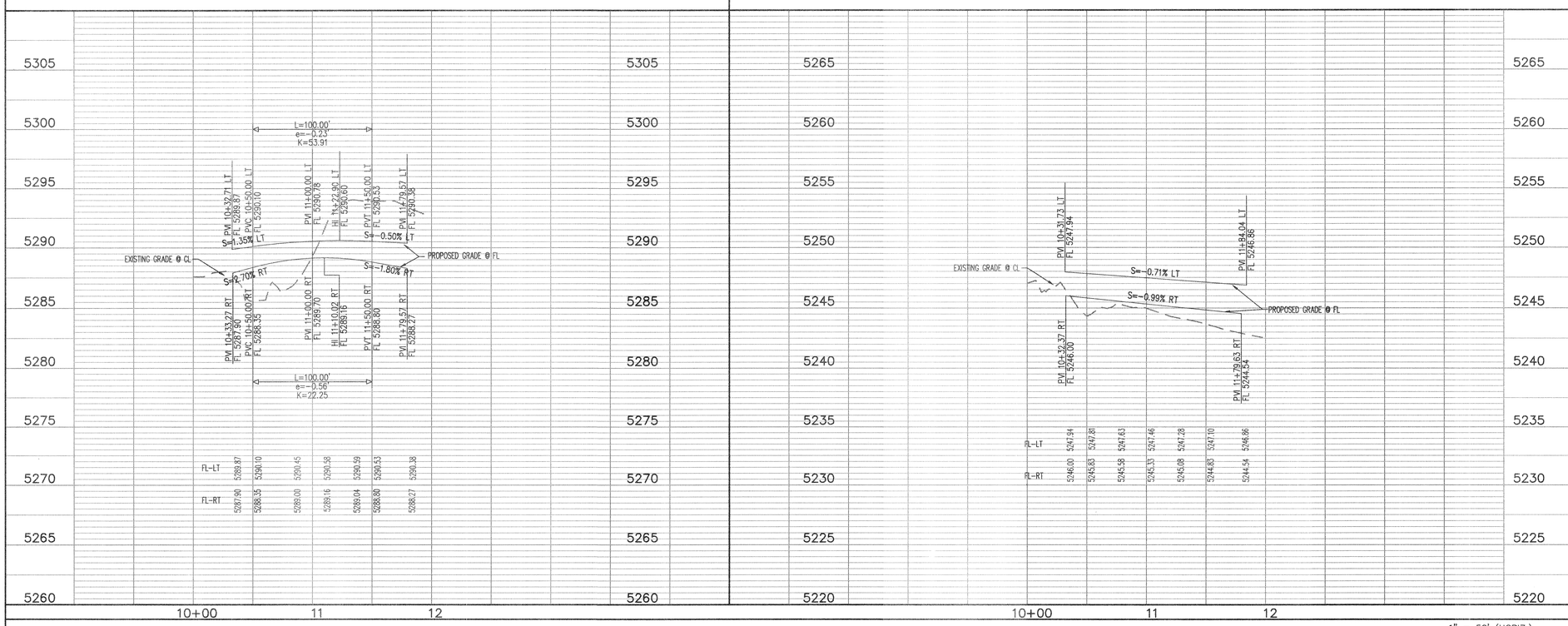
(8) 6"D X 10'W X 24'L (VARIES) PCC PVMT w/WIRE MESH, RUNNING BOND PATTERN, BAJA RED, PER DETAIL SHEET 28. GROOVES NOT TO EXCEED 1/4" DEPTH. SHAPE, DEPTH, & PATTERN OF CROSSWALK MUST MEET ADA STANDARD. PLACE (2) 12" WIDE WHITE PLASTIC STRIPES ON EACH SIDE OF PATTERNED CROSSWALK.

(9) BUILD PAVEMENT AS PER OSPREY ENTRANCE 56' F-F PAVEMENT ROW SECTION, SHEET 28.

(10) BUILD PAVEMENT AS PER COCKATIEL ENTRANCE 56' F-F PAVEMENT ROW SECTION, SHEET 28.

(11) INSTALL MEDIAN CURB AND GUTTER PER COA STD DWG 2415.

* NOT USED THIS SHEET



SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)

SCANNED BY MESA REPRO

AS-BUILT INFORMATION
CONTRACTOR WORK STAKED BY Franklins DATE 01
INSPECTOR'S ACCEPTANCE BY ALS DATE 11/01
FIELD VERIFICATION BY SEC DATE 01
DRAWINGS CORRECTED BY ALS DATE 11/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
RICHARD LYNN BOHANNAN NEW MEXICO 10696 PROFESSIONAL ENGINEER
4/26/01

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: EES DATE: 11/00
Drawn By: KSH DATE: 11/00
Checked By: RLB DATE: 11/00

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3 SUBDIVISION
PAVING PLAN & PROFILE
OSPREY DRIVE & COCKATIEL DRIVE

Design Review Committee: APPROVED FEB 1 3 2001 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB 2 2 2001 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 651681 | Zone Map No. L8-M8 | Sheet 13 Of 32

P:\99470\CDP\UNIT_3\PPNP_07.DWG

10+54.63, 63.29' LT
BEGIN CURB RETURN

FLOWLINE DATA (Y)

PC	06.95
1	07.00
2	07.05
3	07.10
PT	07.15

Δ=90°34'06"
R=30.00'
L=47.42'
T=30.30'

10+54.63, 33.00' LT
END CURB RETURN

14+27.44, 33.00' RT
BEGIN CURB RETURN

FLOWLINE DATA (Z)

PC	91.26
1	91.20
2	91.37
3	91.76
PT	92.38

Δ=90°00'11"
R=30.00'
L=47.13'
T=30.00'

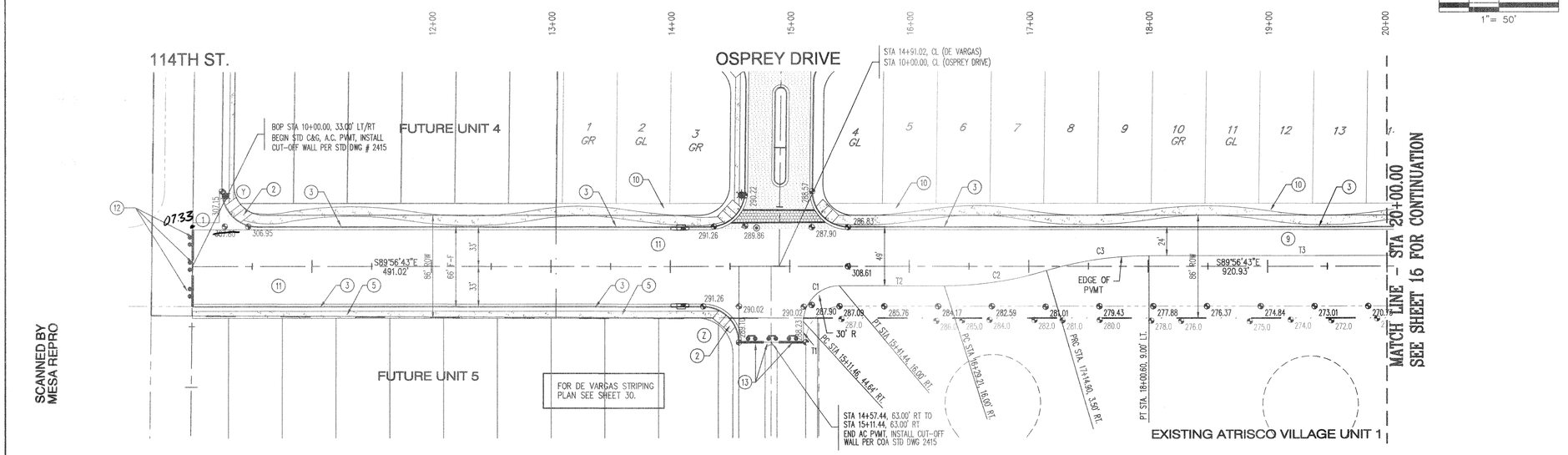
14+57.44, 63.00' RT
END CURB RETURN

EDGE OF PAVEMENT TANGENT DATA

NUMBER	BEARING	DISTANCE
T1	S 00°03'00" W	17.00'
T2	N 89°57'00" W	87.76'
T3	N 89°57'00"W	611.24'

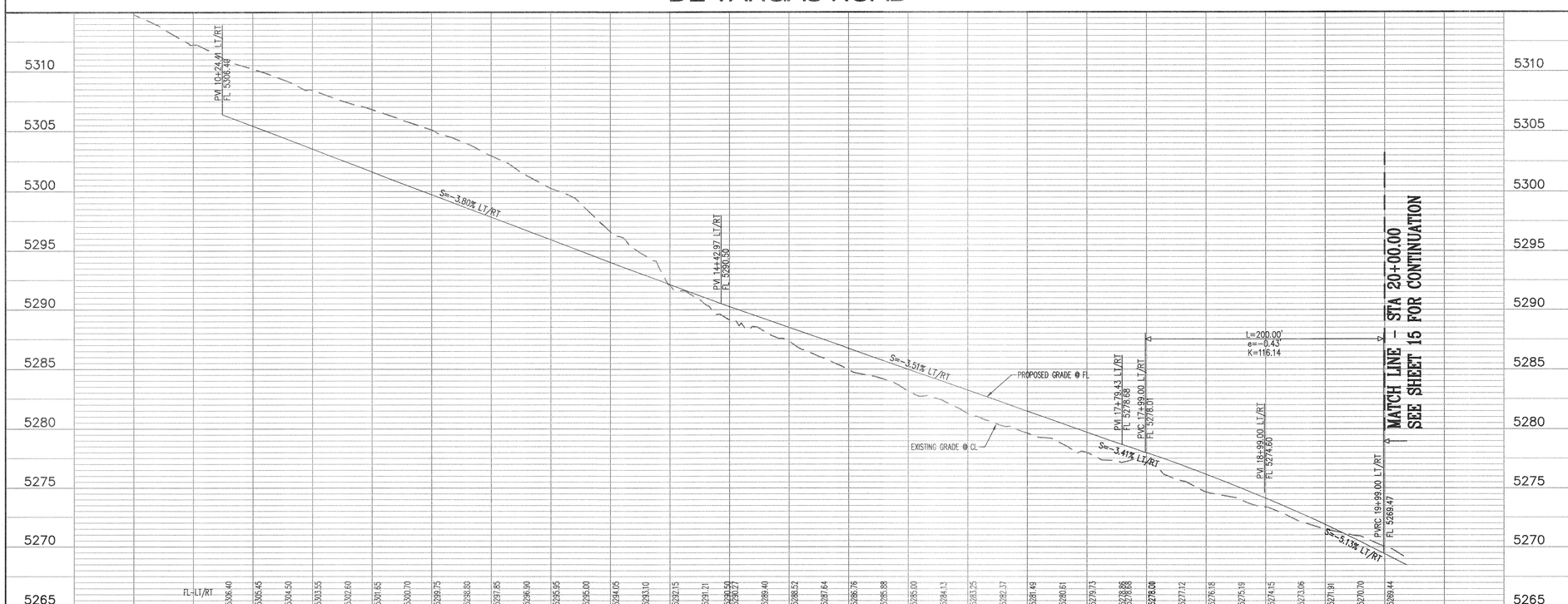
EDGE OF PAVEMENT CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	DELTA
C1	30.00'	47.12'	30.00'	89°59'49"
C2	300.00'	86.91'	43.76'	16°35'52"
C3	300.00'	86.91'	43.76'	16°35'52"



SCANNED BY
MESA REPRO

DE VARGAS ROAD



GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
4. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/ OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
5. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
6. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
7. ANY DAMAGE TO THE EXISTING FACILITIES, C&G, PAVEMENT, CONDUITS, LANDSCAPING, EXISTING LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
8. REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
9. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
10. DENOTES CROWN TRANSITION PER COA STD. DWG. 2401.
11. QUARTER POINT TABLES ARE SPECIFIED ON PAVING SHEETS. FOR ADDITIONAL INFORMATION REFER TO TYPICAL INTERSECTION RETURN DETAIL, SHEET 29.
12. INSTALL COLORED PATTERNED CONCRETE IN ALL MEDIANS.
13. MH RIMS, CATCH BASIN INLET, & FH FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT ELEVATIONS.
14. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.

KEYED NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER COA STD. DWG. 2420.
2. INSTALL SPECIAL HANDICAP RAMP AS PER DETAIL "A", SHEET 29.
3. BUILD STD. CURB & GUTTER AS PER COA STD. DWG. 2415.
4. * BUILD RESIDENTIAL PAVEMENT AS PER RESIDENTIAL SECTION, SHEET 28.
5. 4' SIDEWALK, DEFERRED.
6. * BUILD ROLL TYPE CURB & GUTTER AS PER COA STD. DWG. 2415.
7. * NO SIDEWALK ON THIS SIDE, WAIVED.
8. * 6"D X 10'W X 24'L (VARIES) PCC PVMT w/WIRE MESH, RUNNING BOND PATTERN, BAJA RED, PER DETAIL SHEET 28. GROOVES NOT TO EXCEED 1/4" DEPTH. SHAPE, DEPTH, & PATTERN OF CROSSWALK MUST MEET ADA STANDARD. PLACE (2) 12" WIDE WHITE PLASTIC STRIPES ON EACH SIDE OF PATTERNED CROSSWALK.
9. BUILD PAVEMENT AS PER DE VARGAS 24' PVMT SECTION, SHEET 28. SEE SHEET 30 FOR STRIPING PLAN.
10. 8' ~~PCC~~ AC PEDESTRIAN TRAIL, SEE DETAIL SHT 29.
11. BUILD PAVEMENT AS PER DE VARGAS 66' PVMT SECTION, SHEET 28. REFER TO STRIPING PLAN SHEET 30.
12. MERGE RIGHT TYPE III BARRICADE
13. RELOCATE EXISTING TYPE III BARRICADES SEE SHEET 15.

* NOT USED THIS SHEET

Bohannan ▲ Huston

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

AS-BUILT INFORMATION
CONTRACTOR PAVEWORKS DATE 01
WORK STAKED BY ALS DATE 01
INSPECTOR'S ACCEPTANCE BY SEE DATE 11/01
FIELD VERIFICATION BY ALS DATE 01
DRAWINGS CORRECTED BY ALS DATE 11/01

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
RICHARD LYNN BELTRAN
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By

REVISIONS
DESIGN
Designed By: EES DATE: 11/00
Drawn By: KSH DATE: 11/00
Checked By: RLB DATE: 11/00

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3 SUBDIVISION
PAVING PLAN & PROFILE
DE VARGAS ROAD STA 10+00.00. - 20+00.00

Design Review Committee: APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB 23 2001 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
651681	L8-M8	14	32

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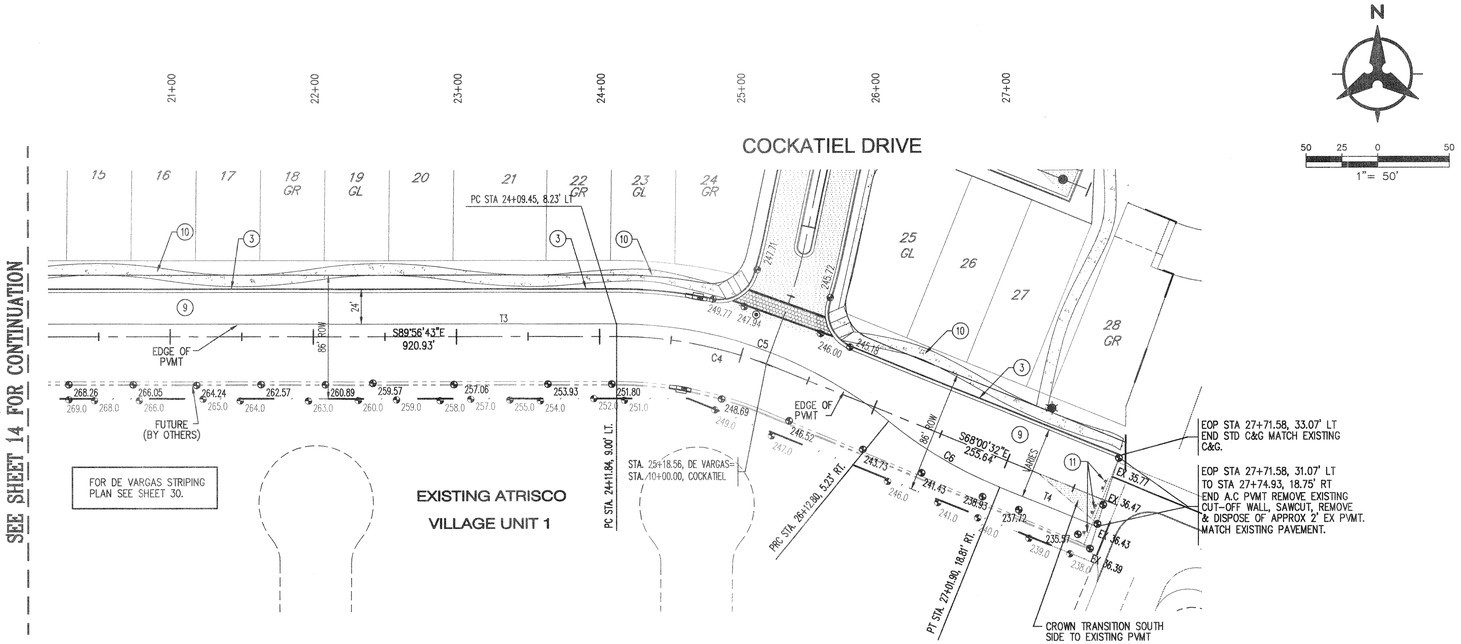
SCANNED BY
MESA REPRO

MATCH LINE – STA 20+00.00
SEE SHEET 14 FOR CONTINUATION

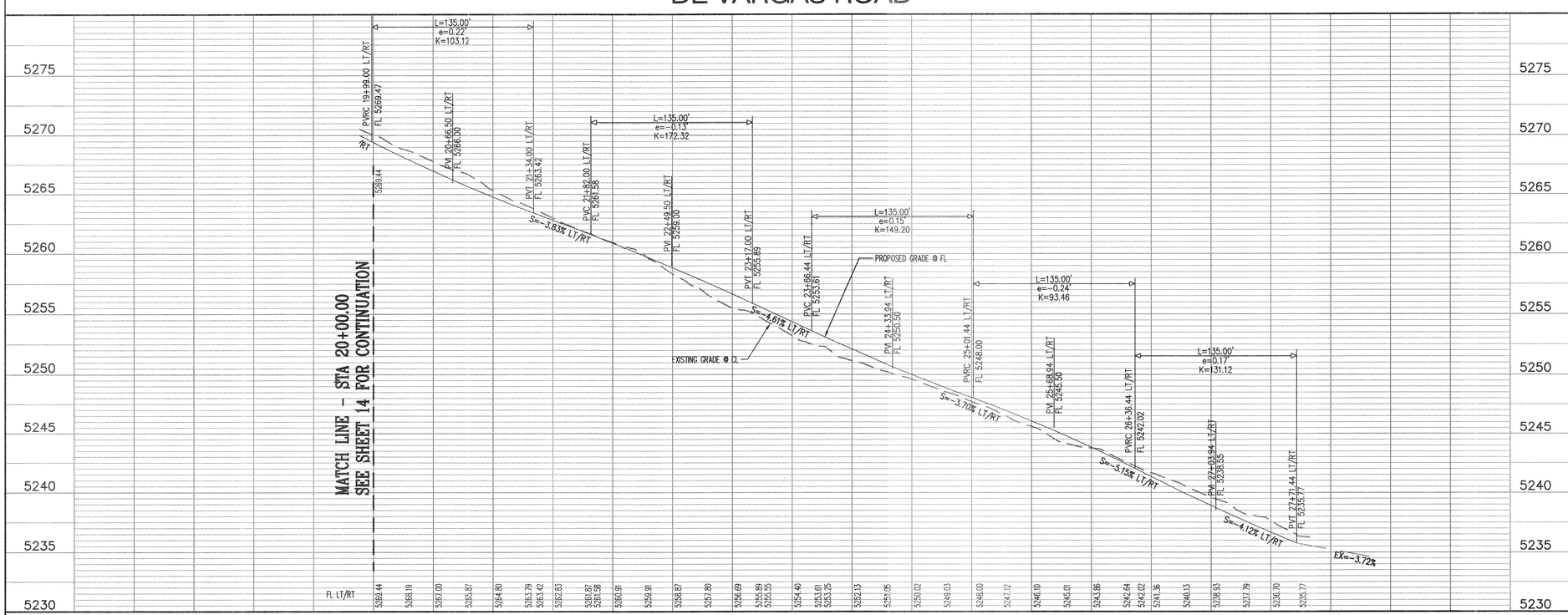


CENTERLINE CURVE TABLE				
NUMBER	RADIUS	LENGTH	DELTA	TANGENT
C4	300.00'	115.10'	21°59'00"	58.27'

EDGE OF PAVEMENT TANGENT TABLE		
NUMBER	BEARING	DISTANCE
T3	N89°57'00"W	611.24'
T4	S68°01'00"E	73.03'

EDGE OF PAVEMENT CURVE TABLE				
NUMBER	RADIUS	LENGTH	DELTA	TANGENT
C5	300.00'	205.71'	39°17'14"	107.08'
C6	300.00'	90.46'	17°16'38"	45.58'

DE VARGAS ROAD



SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
4. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/ OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
5. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
6. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
7. ANY DAMAGE TO THE EXISTING FACILITIES, C&G, PAVEMENT, CONDUITS, LANDSCAPING, EXISTING LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
8. REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
9. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
10. DENOTES CROWN TRANSITION PER COA STD. DWG. 2401.
11. QUARTER POINT TABLES ARE SPECIFIED ON PAVING SHEETS. FOR ADDITIONAL INFORMATION REFER TO TYPICAL INTERSECTION RETURN DETAIL, SHEET 29.
12. INSTALL COLORED PATTERNED CONCRETE IN ALL MEDIANS.
13. MH RIMS, CATCH BASIN INLET, & FH FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT ELEVATIONS.
14. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.

KEYED NOTES

* (1) INSTALL CONCRETE VALLEY GUTTER AS PER COA STD. DWG. 2420.

* (2) INSTALL SPECIAL HANDICAP RAMP AS PER DETAIL "A", SHEET 29.

(3) BUILD STD. CURB & GUTTER AS PER COA STD. DWG. 2415.

* (4) BUILD RESIDENTIAL PAVEMENT AS PER RESIDENTIAL SECTION, SHEET 28.

* (5) 4' SIDEWALK, DEFERRED.

* (6) BUILD ROLL TYPE CURB & GUTTER AS PER COA STD. DWG. 2415.

* (7) NO SIDEWALK ON THIS SIDE, WAIVED.

* (8) 6"D X 10'W X 24'L (VARIES) PCC PVMT w/WIRE MESH, RUNNING BOND PATTERN, BAJA RED, PER DETAIL SHEET 28. GROOVES NOT TO EXCEED 1/4" DEPTH. SHAPE, DEPTH, & PATTERN OF CROSSWALK MUST MEET ADA STANDARD. PLACE (2) 12" WIDE WHITE PLASTIC STRIPES ON EACH SIDE OF PATTERNED CROSSWALK.

(9) BUILD PAVEMENT AS PER DE VARGAS 24' PVMT SECTION, SHEET 28.

(10) 8' WIDE ~~PCC~~ AC PEDESTRIAN TRAIL, SEE SHT 29.

(11) REMOVE AND RELOCATE EXISTING TYPE TYPE III BARRICADES TO DE VARGAS & OSPREY SEE SHEET 14.

* NOT USED THIS SHEET

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

AS-BUILT INFORMATION
CONTRACTOR RAMULINS DATE 01
WORK STAKED BY ALS DATE 01
INSPECTOR'S ACCEPTANCE BY JEL DATE 1/01
FIELD VERIFICATION BY ALS DATE 01
DRAWINGS CORRECTED BY ALS DATE 1/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
EDWARD LYNN BETTENCOURT
NEW MEXICO
10506
REGISTERED PROFESSIONAL ENGINEER
1/2/01

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: EES DATE: 11/00
Drawn By: KSH DATE: 11/00
Checked By: RLB DATE: 11/00

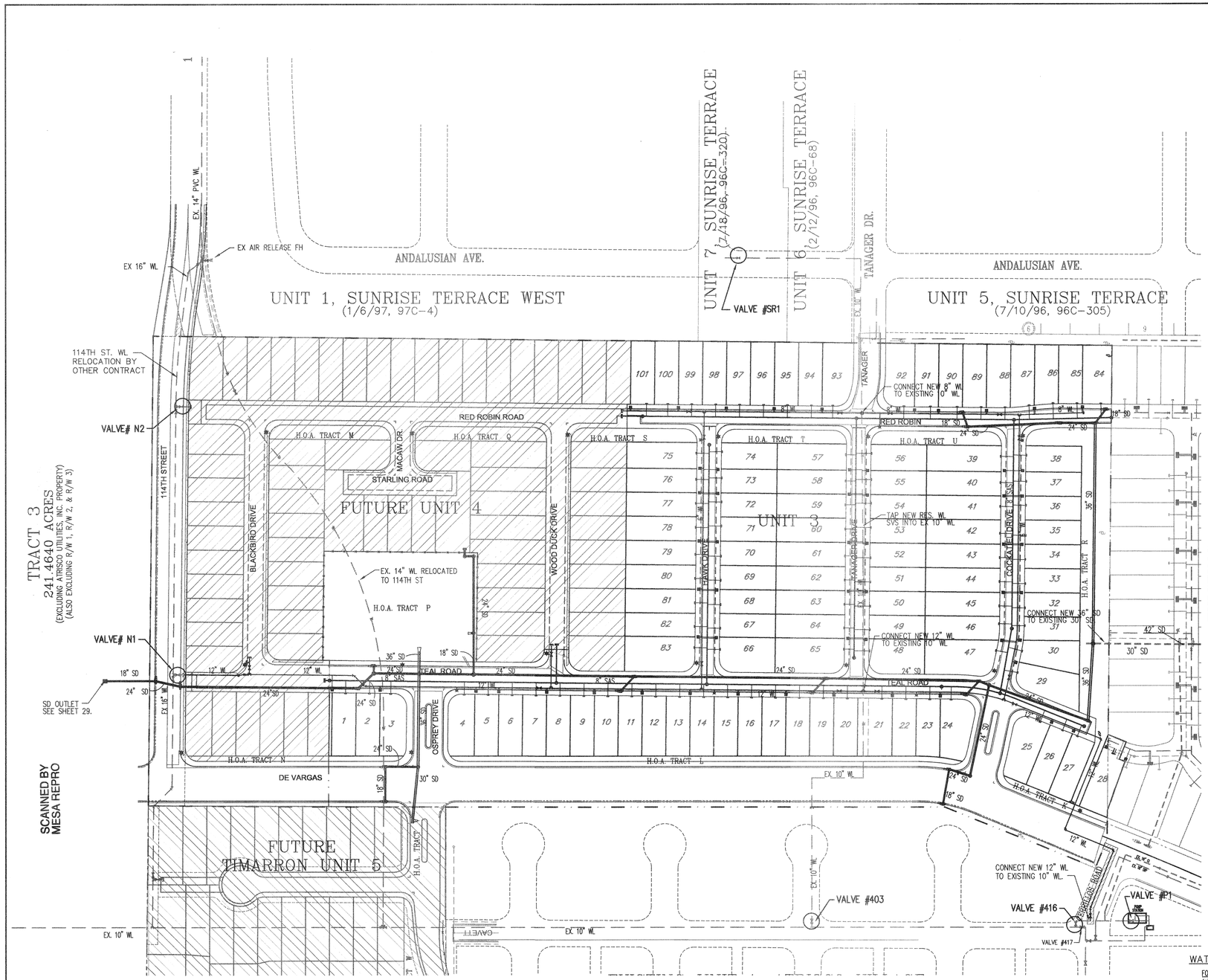
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST SUBDIVISION
PAVING PLAN & PROFILE
DE VARGAS ROAD STA 20+00.00 - 28+00.00

Design Review Committee: APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB 23 2001 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 651681 | Zone Map No. L8-M8 | Sheet 15 Of 32

P:\99470\CDP\UNIT_3\PPNP_08.DWG



N

100 50 0 100

SCALE: 1"=100'

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL 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)
3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
4. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
5. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
6. CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
7. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
8. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
9. MH RIMS & CATCH BASIN INLET ELEVATIONS, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT ELEVS.

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
- GL / GR — GARAGE LEFT/RIGHT
- 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
- FUTURE UNIT

RESTRAINED JOINT TABLE

FITTING	LENGTH TO BE RESTRAINED			
	(6")	(8")	(10")	(12")
90° BEND	20'	27'	32'	37'
45° BEND	8'	11'	13'	15'
11.25° BEND	2'	3'	3'	4'
22.5° VERT BEND (UPPER)	--	7'	9'	10'
22.5° VERT BEND (LOWER)	--	2'	3'	3'
VALVE/DEAD END	55'	73'	88'	104'
6"x6" TEE	9'	--	--	--
8"x6" TEE	8'	7'	--	--
12"x8" TEE	--	8'	--	9'
12"x10" TEE	--	--	24'	10'
12"x6" TEE	4'	--	--	14'
8"x10" CROSS	--	7'	10'	--

NOTE:
1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. UNLESS SPECIFIED DIFFERENTLY IN THE PLANS. ALL PIPE JOINTS WITHIN 20 LF OF A.M.J SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE, (SEE NOTE 5 ABOVE)
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANT JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.

MATERIALS:

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

WATER SHUT-OFF PLAN:

FOR CONNECTION	VALVE CLOSED
(S) TO EX 10" ON TANAGER DR.	#403
(N) TO EX 12" ON ANDALUSIAN DR.	#SR1
(SE) TO EX 10" ON CERRILLOS RD.	#416 & #P1
(W) TO EX 16" ON 114 STREET.	#N1 & # N2

CONTRACTOR WILL BE RESPONSIBLE FOR FLUSHING, DISINFECTING, AND TESTING THE LINES AS REQUIRED BY CITY OF ALBUQUERQUE (COA).

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 FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT CITY OF ALBUQUERQUE (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN. CONTRACTOR SHALL NOT OPERATE VALVES ON THE PROJECT.

AS-BUILT INFORMATION
CONTRACTOR FRANCILLINS DATE 01
WORK STAKED BY ALS DATE 01
INSPECTOR'S ACCEPTANCE BY SEC DATE 11/01
FIELD VERIFICATION BY ALS DATE 01
DRAWINGS CORRECTED BY ALS DATE 11/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
RICHARD LYNN BELZNAND NEW MEXICO 10596 REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: EES DATE: 11/00
Drawn By: DH DATE: 11/00
Checked By: RLB DATE: 11/00

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3
OVERALL UTILITY PLAN

Design Review Committee: APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB 23 2001 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 651681 | Zone Map No. L-8,M-8 | Sheet 16 Of 32

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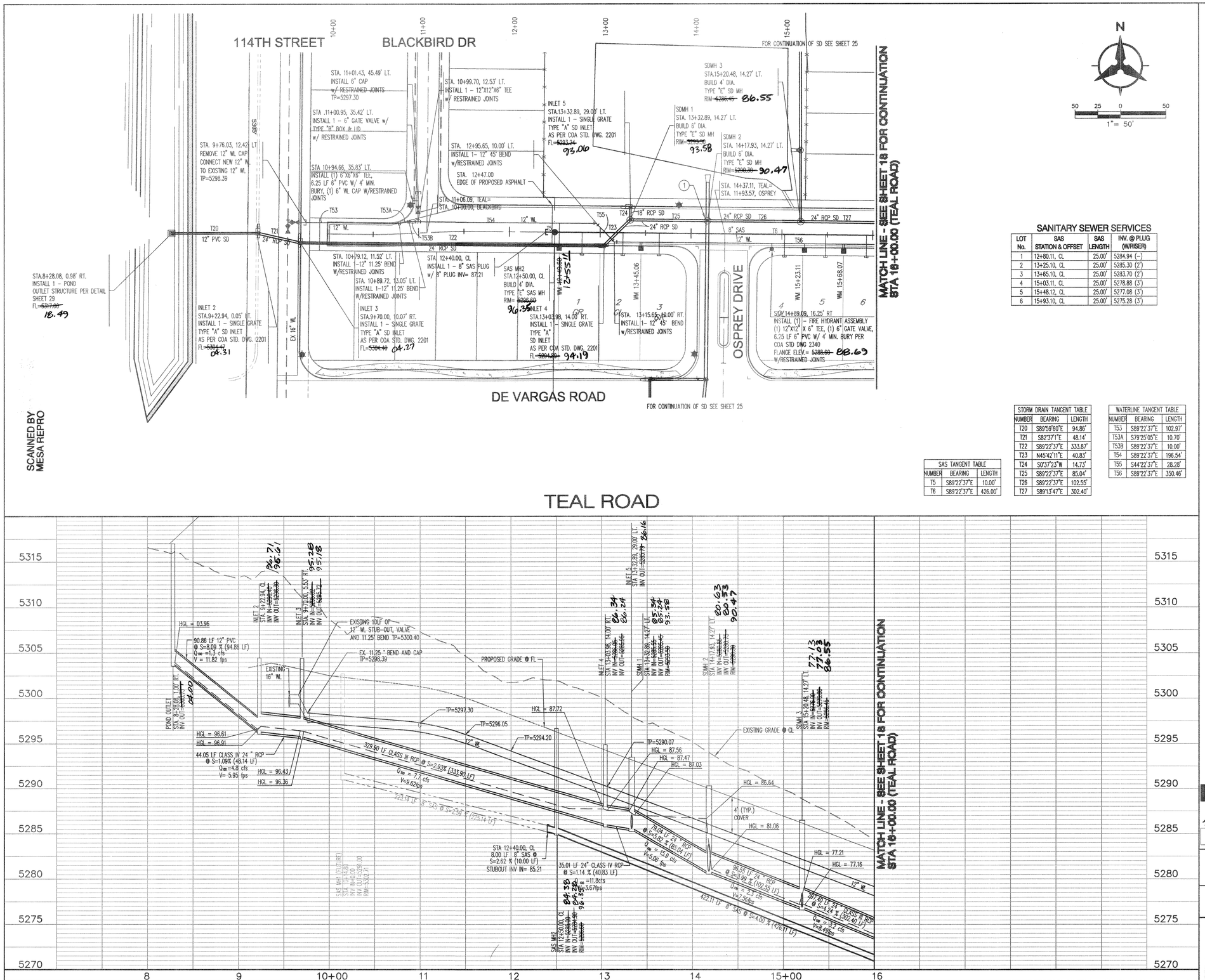

SCANNED BY MESA REPRO

SANITARY SEWER SERVICES

LOT No.	SAS STATION & OFFSET	SAS LENGTH	INV. @ PLUG (W/RISER)
1	12+80.11, CL	25.00'	5284.94 (–)
2	13+25.10, CL	25.00'	5285.30 (2')
3	13+65.10, CL	25.00'	5283.70 (2')
4	15+03.11, CL	25.00'	5278.88 (3')
5	15+48.12, CL	25.00'	5277.08 (3')
6	15+93.10, CL	25.00'	5275.28 (3')

SAS TANGENT TABLE		
NUMBER	BEARING	LENGTH
T5	S89°22'37"E	10.00'
T6	S89°22'37"E	426.00'

STORM DRAIN TANGENT TABLE		
NUMBER	BEARING	LENGTH
T20	S89°59'60"E	94.86'
T21	S82°37'1"E	48.14'
T22	S89°22'37"E	333.87'
T23	N45°42'11"E	40.83'
T24	S0°37'23"W	14.73'
T25	S89°22'37"E	85.04'
T26	S89°22'37"E	102.55'
T27	S89°13'47"E	302.40'

WATERLINE TANGENT TABLE		
NUMBER	BEARING	LENGTH
T53	S89°22'37"E	102.97'
T53A	S79°25'05"E	10.70'
T53B	S89°22'37"E	10.00'
T54	S89°22'37"E	196.54'
T55	S44°22'37"E	28.28'
T56	S89°22'37"E	350.46'

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL 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)
3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
4. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
5. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
6. CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
7. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
8. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
9. MH RIMS & CATCH BASIN INLET ELEVATIONS, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.
10. SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
11. STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.
12. SAS LATERALS ARE 20' INSIDE PL ON DOWNHILL SIDE OF PROPERTY UNLESS OTHERWISE SPECIFIED.
13. ALL WATERLINE APPURTENANCES SHALL USE RESTRAINED JOINTS, REFER TO TABLES LISTED ON OVERALL UTILITY SHEET 16.
14. TYPICAL DEPTH TO WATERLINE IS 4 FEET. MINIMUM IS 3 FEET.

KEYED NOTES:

1. INSTALL ORIFICE PLATE PER DETAIL, SHEET 29.

LEGEND

- DOUBLE WATER METER
- SINGLE WATER METER
- WL AIR RELEASE VALVE
- WATER LINE GATE VALVE
- WATER LINE CAP
- WATER LINE REDUCER
- EXISTING WATERLINE
- WATER LINE TEE
- SAS LATERAL
- SAS MANHOLE
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT

AS-BUILT INFORMATION
CONTRACTOR Hawkins DATE 01
WORK STAKED BY ALS DATE 01
INSPECTOR'S FIELD VERIFICATION BY SEC DATE 11/01
FIELD VERIFICATION BY ALS DATE 01
DRAWINGS CORRECTED BY ALS DATE 11/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DONALD LYNN BELTRAMO NEW MEXICO 10598 PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: DATE:
Drawn By: DATE:
Checked By: DATE:

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST SUBDIVISION
UTILITY PLAN & PROFILE
TEAL ROAD STA 10+00.00 - 16+00.00

Design Review Committee: APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB 23 2001 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

SCALE: 1" = 50' (HORIZ.) 1" = 5' (VERT.)

City Project No.	Zone Map No.	Sheet	Of
651681	L8–M8	17	32

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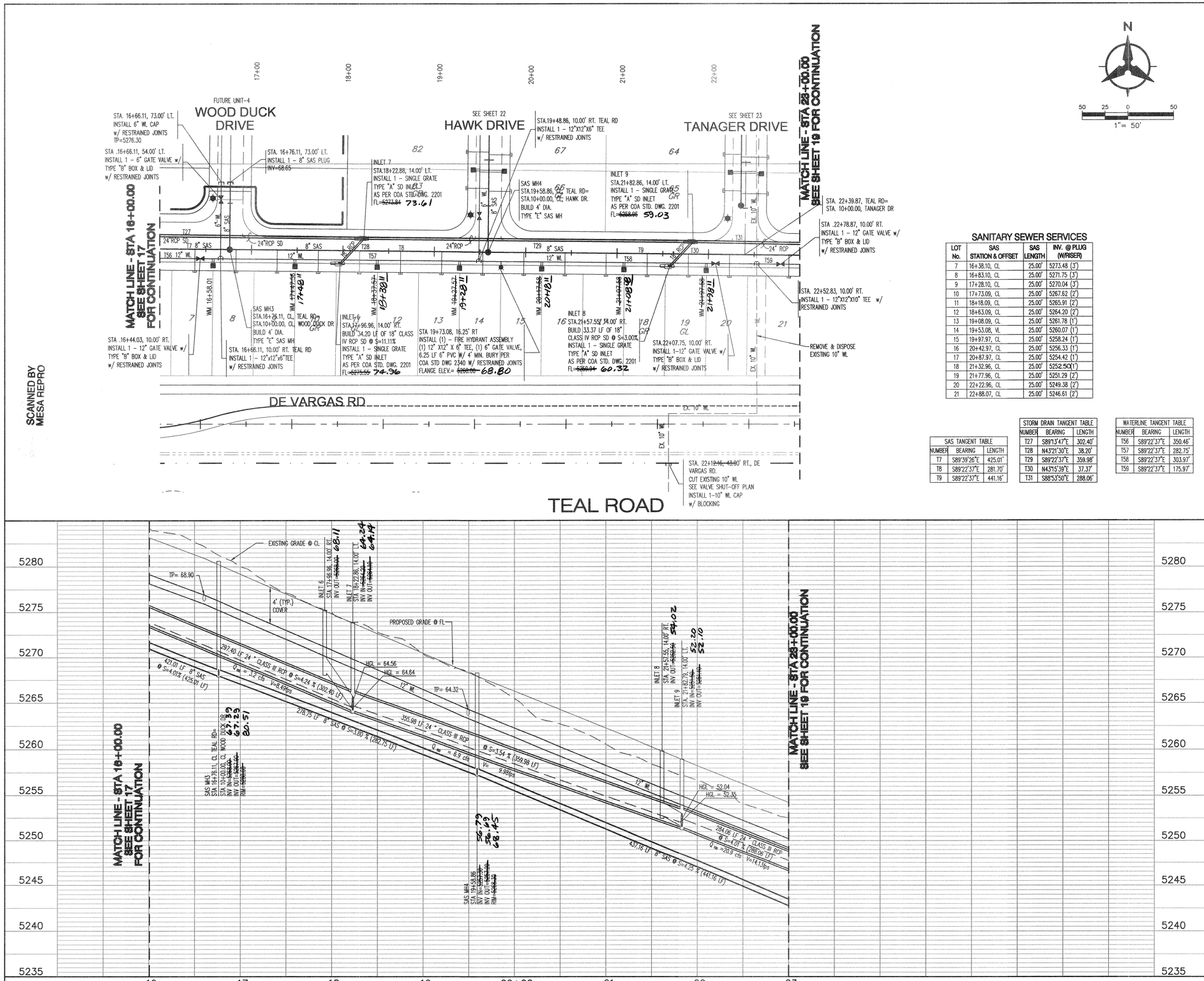

SCANNED BY MESA REPRO

SANITARY SEWER SERVICES

LOT No.	SAS STATION & OFFSET	SAS LENGTH	INV. @ PLUG (W/RISER)
7	16+38.10, CL	25.00'	5273.48 (3')
8	16+83.10, CL	25.00'	5271.75 (3')
9	17+28.10, CL	25.00'	5270.04 (3')
10	17+73.09, CL	25.00'	5267.62 (2')
11	18+18.09, CL	25.00'	5265.91 (2')
12	18+63.09, CL	25.00'	5264.20 (2')
13	19+08.09, CL	25.00'	5261.78 (1')
14	19+53.08, WL	25.00'	5260.07 (1')
15	19+97.97, CL	25.00'	5258.24 (1')
16	20+42.97, CL	25.00'	5256.33 (1')
17	20+87.97, CL	25.00'	5254.42 (1')
18	21+32.96, CL	25.00'	5252.50(1')
19	21+77.96, CL	25.00'	5251.29 (2')
20	22+22.96, CL	25.00'	5249.38 (2')
21	22+88.07, CL	25.00'	5246.61 (2')

SAS TANGENT TABLE		
NUMBER	BEARING	LENGTH
T7	S89°39'26"E	425.01'
T8	S89°22'37"E	281.70'
T9	S89°22'37"E	441.16'

STORM DRAIN TANGENT TABLE		
NUMBER	BEARING	LENGTH
T27	S89°13'47"E	302.40'
T28	N43°21'30"E	38.20'
T29	S89°22'37"E	359.98'
T30	N43°15'39"E	37.37'
T31	S88°53'50"E	288.06'

WATERLINE TANGENT TABLE		
NUMBER	BEARING	LENGTH
T56	S89°22'37"E	350.46'
T57	S89°22'37"E	282.75'
T58	S89°22'37"E	303.97'
T59	S89°22'37"E	175.97'

N

50 25 0 50

1"= 50'

GENERAL NOTES

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11. STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.
12. SAS LATERALS ARE 20' INSIDE PL ON DOWNHILL SIDE OF PROPERTY UNLESS OTHERWISE SPECIFIED.
13. ALL WATERLINE APPURTENANCES SHALL USE RESTRAINED JOINTS, REFER TO TABLES LISTED ON OVERALL UTILITY SHEET 16.
14. TYPICAL DEPTH TO WATERLINE IS 4 FEET. MINIMUM IS 3 FEET.

LEGEND

- DOUBLE WATER METER
- SINGLE WATER METER
- WL AIR RELEASE VALVE
- WATER LINE GATE VALVE
- WATER LINE CAP
- WATER LINE REDUCER
- EXISTING WATERLINE
- 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" = 5' (VERT.)

AS-BUILT INFORMATION
CONTRACTOR AMWINS DATE 01
WORK STAKED BY ALS DATE 01
INSPECTOR'S CHANGES BY SEC DATE 11/01
FIELD VERIFICATION BY ALS DATE 01
DRAWINGS CORRECTED BY ALS DATE 1/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
NATHAN A. OTTO
NEW MEXICO
18596
REGISTERED PROFESSIONAL ENGINEER
1/10/01

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: EES DATE: 07/00
Drawn By: DH/KSH DATE: 07/00
Checked By: RLB DATE: 07/00

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3 SUBDIVISION
UTILITY PLAN & PROFILE
TEAL ROAD STA 16+00.00 - 23+00.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE	APPROVED FEB 23 2001 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
651681	L8-M8	18	32

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SAS TANGENT TABLE		
NUMBER	BEARING	LENGTH
T9	S89°22'37"E	441.16'
T10	S89°22'37"E	28.78'
T11	N67°57'43"W	139.79'

SAS CURVE TABLE				
NUMBER	ARC	RADIUS	DELTA	TANGENT
C5	82.31'	300.00'	15°43'12"	41.42'
C6	29.82'	300.00'	05°41'41"	14.92'

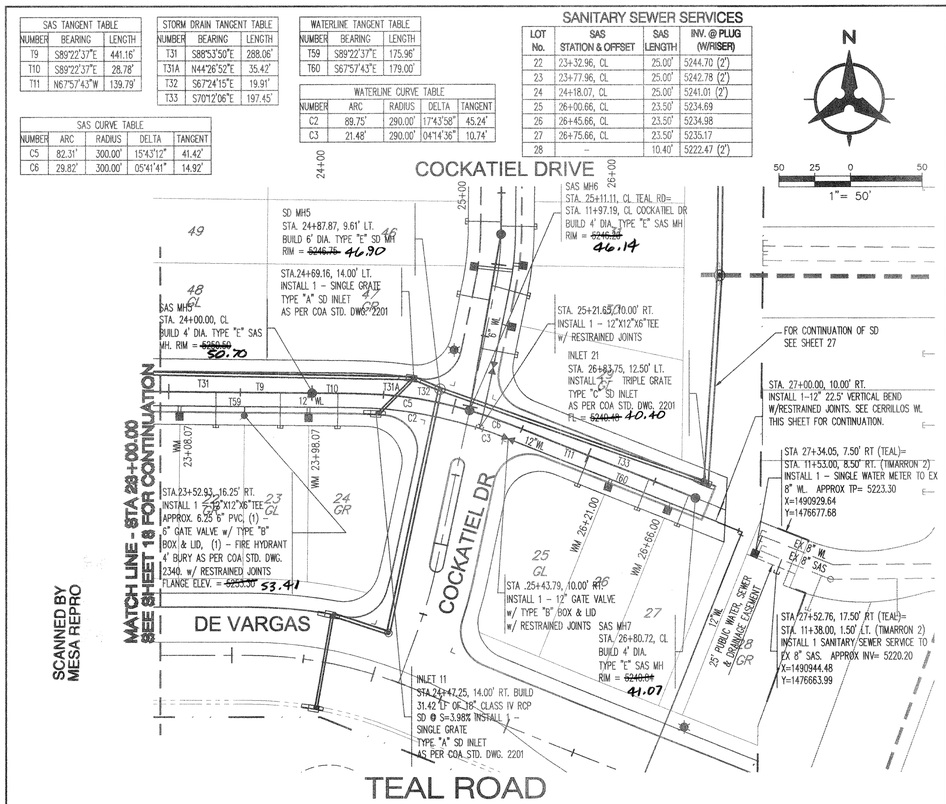
STORM DRAIN TANGENT TABLE		
NUMBER	BEARING	LENGTH
T31	S88°53'50"E	288.06'
T31A	N44°26'52"E	35.42'
T32	S67°24'15"E	19.91'
T33	S70°12'06"E	197.45'

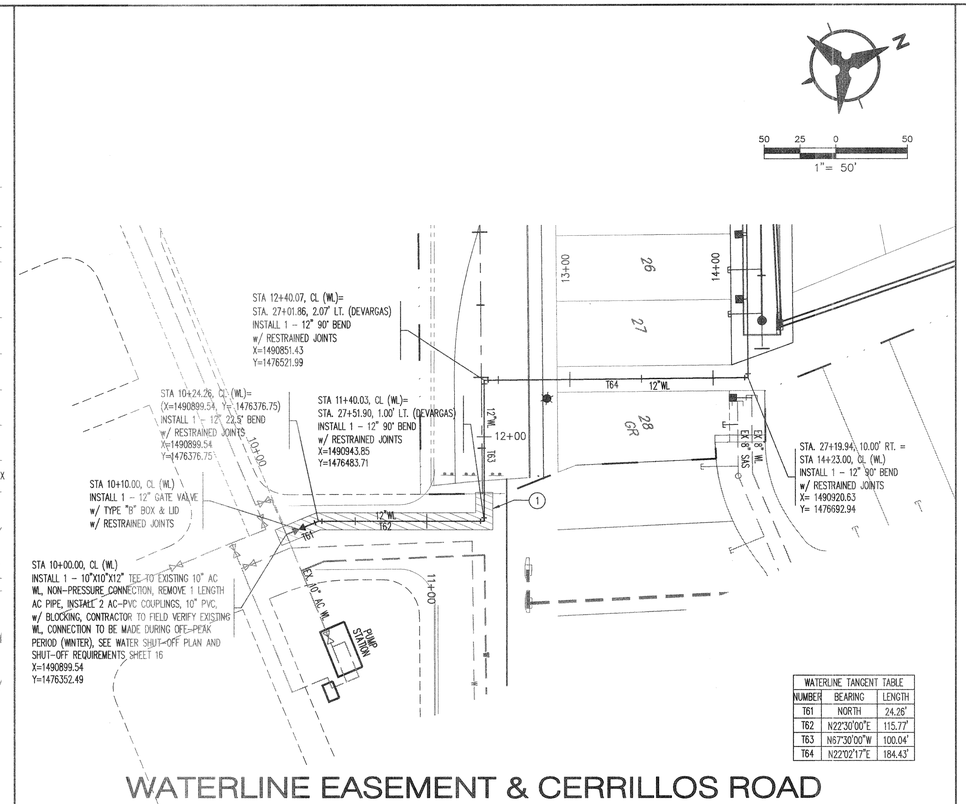
WATERLINE TANGENT TABLE		
NUMBER	BEARING	LENGTH
T59	S89°22'37"E	175.96'
T60	S67°57'43"E	179.00'

WATERLINE CURVE TABLE				
NUMBER	ARC	RADIUS	DELTA	TANGENT
C2	89.75'	290.00'	17°43'58"	45.24'
C3	21.48'	290.00'	04°14'36"	10.74'

SANITARY SEWER SERVICES

LOT No.	SAS STATION & OFFSET	SAS LENGTH	INV. @ PLUG (W/RISER)
22	23+32.96, CL	25.00'	5244.70 (2')
23	23+77.96, CL	25.00'	5242.78 (2')
24	24+18.07, CL	25.00'	5241.01 (2')
25	26+00.66, CL	23.50'	5234.69
26	26+45.66, CL	23.50'	5234.98
27	26+75.66, CL	23.50'	5235.17
28	-	10.40'	5222.47 (2')





WATERLINE TANGENT TABLE		
NUMBER	BEARING	LENGTH
T61	NORTH	24.26'
T62	N22°30'00"E	115.77'
T63	N57°30'00"W	100.04'
T64	N22°02'17"E	184.43'

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL 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)
3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
4. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
5. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
6. CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
7. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
8. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
9. MH RIMS & CATCH BASIN INLET ELEVATIONS, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.
10. SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
11. STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.
12. SAS LATERALS ARE 20' INSIDE PL ON DOWNHILL SIDE OF PROPERTY UNLESS OTHERWISE SPECIFIED.
13. ALL WATERLINE APPURTENANCES SHALL USE RESTRAINED JOINTS, REFER TO TABLES LISTED ON OVERALL UTILITY SHEET 16.
14. TYPICAL DEPTH TO WATERLINE IS 4 FEET. MINIMUM IS 3 FEET.

(1) SAWCUT, REMOVE & DISPOSE OF EXISTING PVMT FOR WL INSTALLATION. REPLACE WITH NEW PVMT, MATCH TO EXISTING

LEGEND

- DOUBLE WATER METER
- SINGLE WATER METER
- WL AIR RELEASE VALVE
- WATER LINE GATE VALVE
- WATER LINE CAP
- WATER LINE REDUCER
- EXISTING WATERLINE
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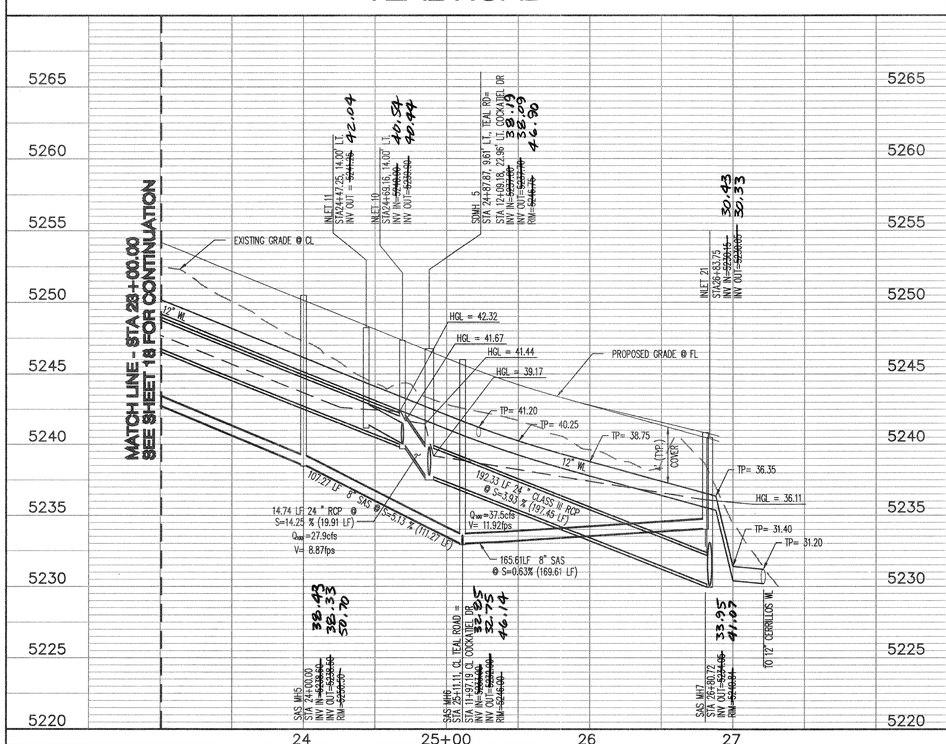
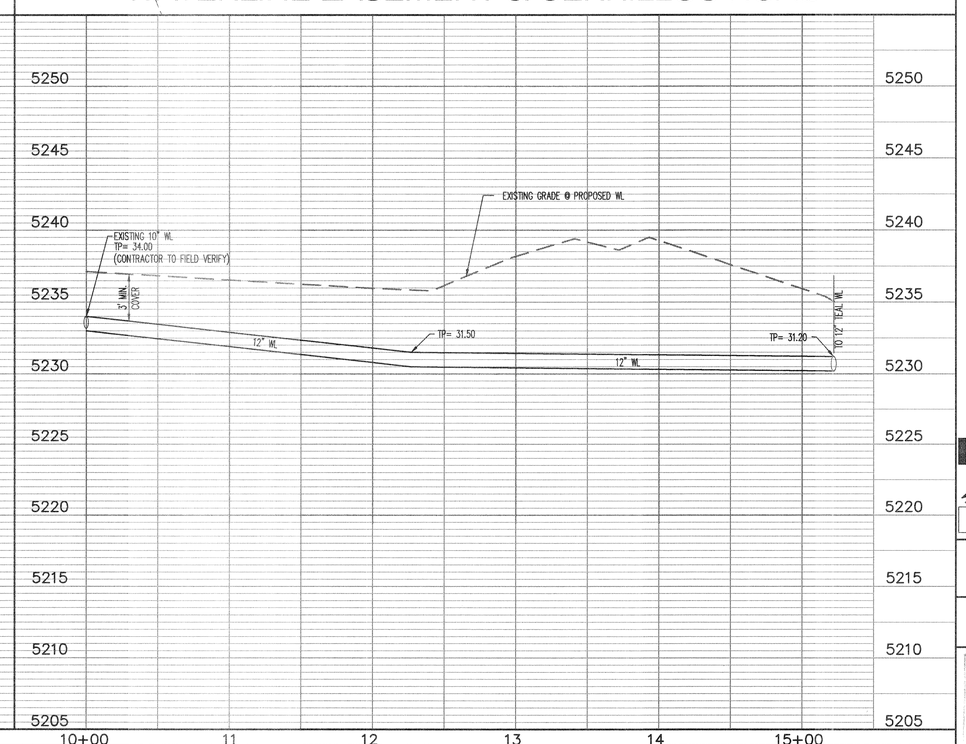
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT





SCALE: 1" = 50' (HORIZ.) 1" = 5' (VERT.)

AS-BUILT INFORMATION
CONTRACTOR FRANKLINS DATE 01
WORK STAKED BY ALS DATE 01
INSPECTOR'S NOTES REVIEWED BY DATE 11/01
FIELD VERIFICATION BY ALS DATE 01
DRAWINGS CORRECTED BY ALS DATE 11/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "AXIS BM, 14-W8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE
CURB:
Elevations: 5233.928

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
RICHARD LYNN BELTRAMO NEW MEXICO 10596 PROFESSIONAL ENGINEER
11/2/01

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: EES DATE: 07/00
Drawn By: DH/KSH DATE: 07/00
Checked By: RLB DATE: 07/00

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3 SUBDIVISION
UTILITY PLAN & PROFILE
TEAL RD, WL ESMT & CERRILLOS RD

Design Review Committee: APPROVED FEB 13 2001 DRAINAGE REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB 23 2001 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 651681 | Zone Map No. L8-M8 | Sheet 19 Of 32

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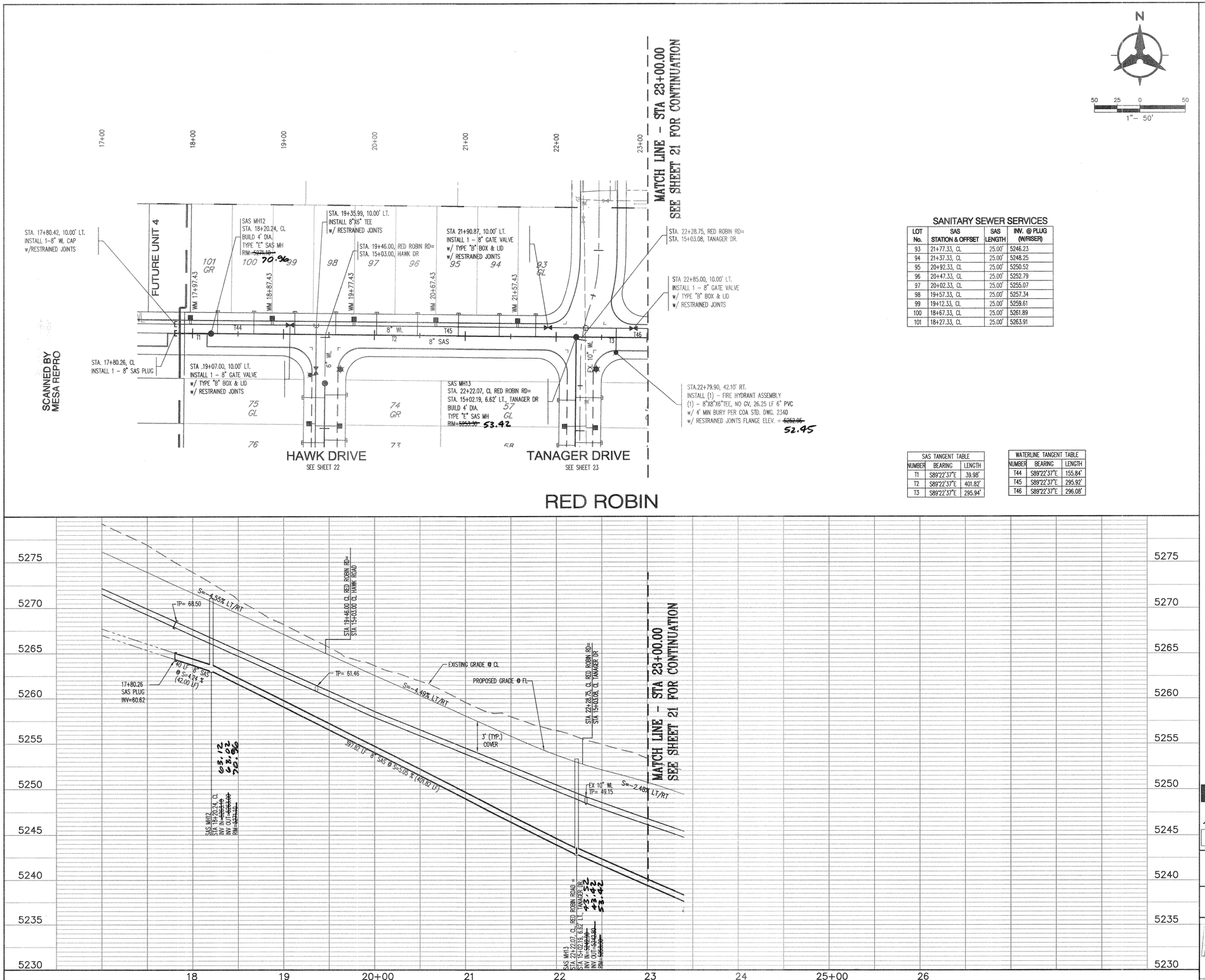

SANITARY SEWER SERVICES

LOT No.	SAS STATION & OFFSET	SAS LENGTH	INV. @ PLUG (W/RISER)
93	21+77.33, CL	25.00'	5246.23
94	21+37.33, CL	25.00'	5248.25
95	20+92.33, CL	25.00'	5250.52
96	20+47.33, CL	25.00'	5252.79
97	20+02.33, CL	25.00'	5255.07
98	19+57.33, CL	25.00'	5257.34
99	19+12.33, CL	25.00'	5259.61
100	18+67.33, CL	25.00'	5261.89
101	18+27.33, CL	25.00'	5263.91

SAS TANGENT TABLE		
NUMBER	BEARING	LENGTH
T1	S89°22'37"E	39.98'
T2	S89°22'37"E	401.82'
T3	S89°22'37"E	295.94'

WATERLINE TANGENT TABLE		
NUMBER	BEARING	LENGTH
T44	S89°22'37"E	155.84'
T45	S89°22'37"E	295.92'
T46	S89°22'37"E	296.08'

GENERAL NOTES

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8. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
9. MH RIMS & CATCH BASIN INLET ELEVATIONS, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.
10. SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
11. STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.
12. SAS LATERALS ARE 20' INSIDE PL ON DOWNHILL SIDE OF PROPERTY UNLESS OTHERWISE SPECIFIED.
13. ALL WATERLINE APPURTENANCES SHALL USE RESTRAINED JOINTS, REFER TO TABLES LISTED ON OVERALL UTILITY SHEET 16.
14. TYPICAL DEPTH TO WATERLINE IS 4 FEET. MINIMUM IS 3 FEET.

LEGEND

- DOUBLE WATER METER
- SINGLE WATER METER
- WL AIR RELEASE VALVE
- WATER LINE GATE VALVE
- WATER LINE CAP
- WATER LINE REDUCER
- EXISTING WATERLINE
- WATER LINE TEE
- SAS LATERAL
- SAS MANHOLE
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT

AS-BUILT INFORMATION

		DATE
CONTRACTOR	FRANKLINS	01
WORK STAKED BY	ALS	01
INSPECTOR'S ACCEPTANCE BY		1/01
FIELD VERIFICATION BY	ALS	01
DRAWINGS CORRECTED BY	ALS	1/01
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

RICHARD LYNN BELTRAN
NEW MEXICO
10596
REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: DATE:
Drawn By: DATE:
Checked By: DATE:

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3 SUBDIVISION
UTILITY PLAN & PROFILE
RED ROBIN ROAD

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED FEB 1 3 2001 DESIGN REVIEW COMMITTEE	APPROVED FEB 2 3 2001 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
651681	L8-M8	20	32

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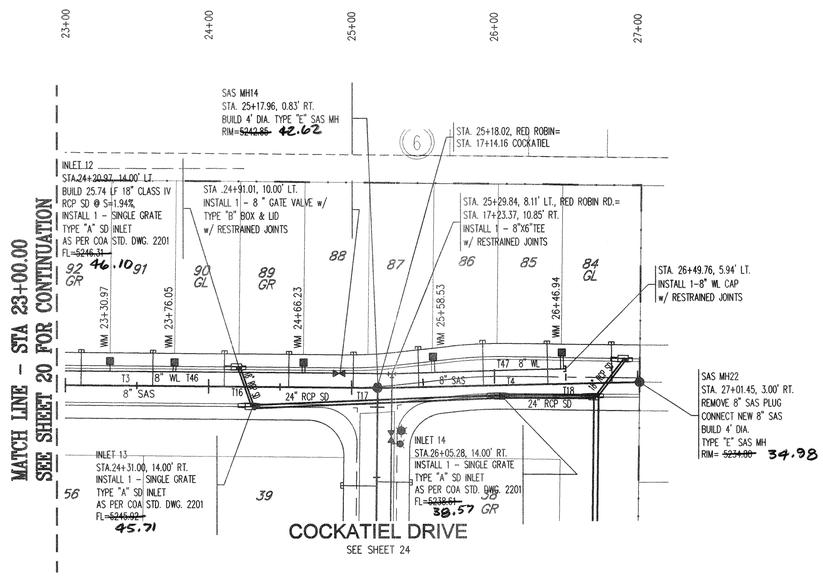
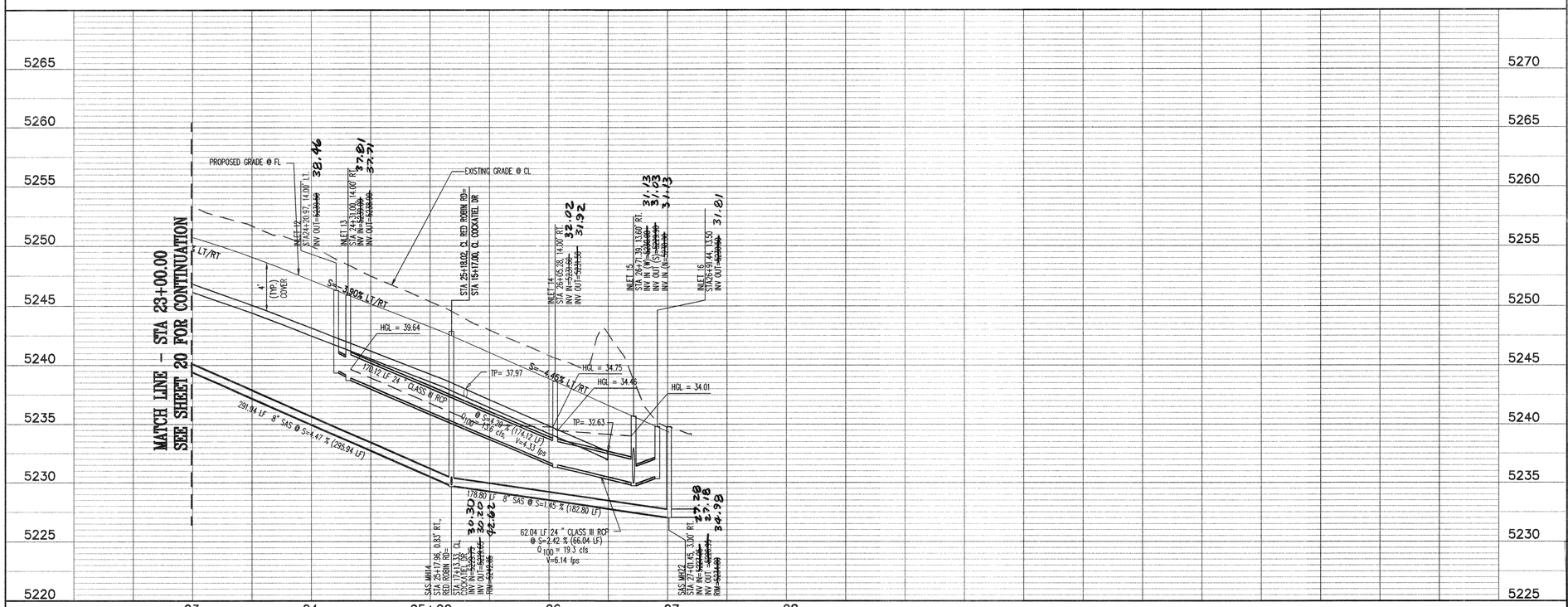


SCANNED BY
MESA REPRO

RED ROBIN ROAD



SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)

SANITARY SEWER SERVICES

LOT No.	SAS STATION & OFFSET	SAS LENGTH	INV. @ PLUG (W/RISER)
84	26+82.31, 3.62' RT.	28.63'	5228.54
85	26+37.35, 5.10' RT.	30.11'	5229.22
86	25+92.08, 6.22' RT.	31.59'	5230.85
87	25+46.67, 3.03' RT.	28.45'	5232.76 (2')
88	25+00.98, CL	25.00'	5235.17 (4')
89	24+55.97, CL	25.00'	5236.47 (3')
90	24+10.97, CL	25.00'	5238.48 (3')
91	23+60.97, CL	25.00'	5240.72 (3')
92	23+10.97, CL	25.00'	5242.25 (2')

SAS TANGENT TABLE		
NUMBER	BEARING	LENGTH
T3	S89°22'37"E	295.94'
T4	N88°44'32"E	182.80'

STORM DRAIN TANGENT TABLE		
NUMBER	BEARING	LENGTH
T16	S19°05'17"E	29.74'
T17	N87°40'30"E	174.12'
T18	S89°43'38"E	66.04'

WATERLINE TANGENT TABLE		
NUMBER	BEARING	LENGTH
T46	S89°22'37"W	296.08'
T47	N88°17'33"E	121.40'

N

50 25 0 50
1"= 50'

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL 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)
3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
4. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
5. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
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10. SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
11. STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.
12. SAS LATERALS ARE 20' INSIDE PL ON DOWNHILL SIDE OF PROPERTY UNLESS OTHERWISE SPECIFIED.
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14. TYPICAL DEPTH TO WATERLINE IS 4 FEET. MINIMUM IS 3 FEET.

LEGEND

- DOUBLE WATER METER
- SINGLE WATER METER
- WL AIR RELEASE VALVE
- WATER LINE GATE VALVE
- WATER LINE CAP
- WATER LINE REDUCER
- EXISTING WATERLINE
- WATER LINE TEE
- SAS LATERAL
- SAS MANHOLE
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT

AS-BUILT INFORMATION
CONTRACTOR PANKEWS DATE 01
WORK STAKED BY ALS DATE 01
INSPECTOR'S ACCEPTANCE BY SCOTT DATE 1/01
FIELD VERIFICATION BY ALS DATE 01
DRAWINGS CORRECTED BY ALS DATE 1/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM. 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
RICHARD LYNN BERRY NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 21

No.	Date	REMARKS	By

REVISIONS

DESIGN
Designed By: EES DATE: 11/00
Drawn By: KSH DATE: 11/00
Checked By: RLB DATE: 11/00

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3 SUBDIVISION
UTILITY PLAN & PROFILE
RED ROBIN ROAD STA 23+00 TO STA 28+00

Design Review Committee: APPROVED FEB 19 2001 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB 2 2001 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 651681 | Zone Map No. L8-M8 | Sheet 21 Of 32

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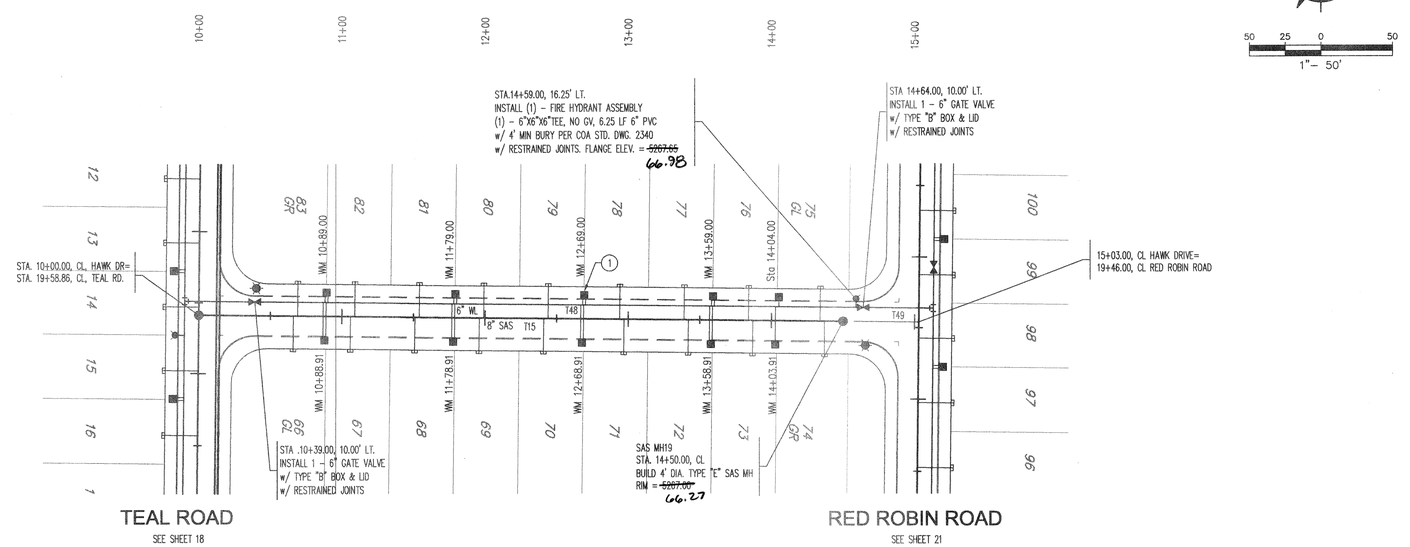
SANITARY SEWER SERVICES

LOT No.	SAS STATION & OFFSET	SAS LENGTH	INV. @ PLUG (W/RISER)
66	10+66.00, cl	25.00'	5259.60
67	11+05.96, cl	25.00'	5259.85
68	11+50.96, CL	25.00'	5260.12
69	11+95.96, CL	25.00'	5260.39
70	12+40.96, CL	25.00'	5260.66
71	12+97.00, CL	25.00'	5261.00
72	13+39.00, CL	25.00'	5260.52
73	13+87.00, CL	25.00'	5260.80
74	14+37.00, CL	25.00'	5261.10
75	14+34.00, CL	25.00'	5261.08
76	13+84.00, CL	25.00'	5260.78
77	13+36.00, CL	25.00'	5260.51
78	12+94.00, CL	25.00'	5260.98
79	12+43.96, CL	25.00'	5260.68
80	11+98.96, CL	25.00'	5260.41
81	11+53.96, CL	25.00'	5260.14
82	11+08.96, CL	25.00'	5259.86
83	10+69.00, CL	25.00'	5259.62

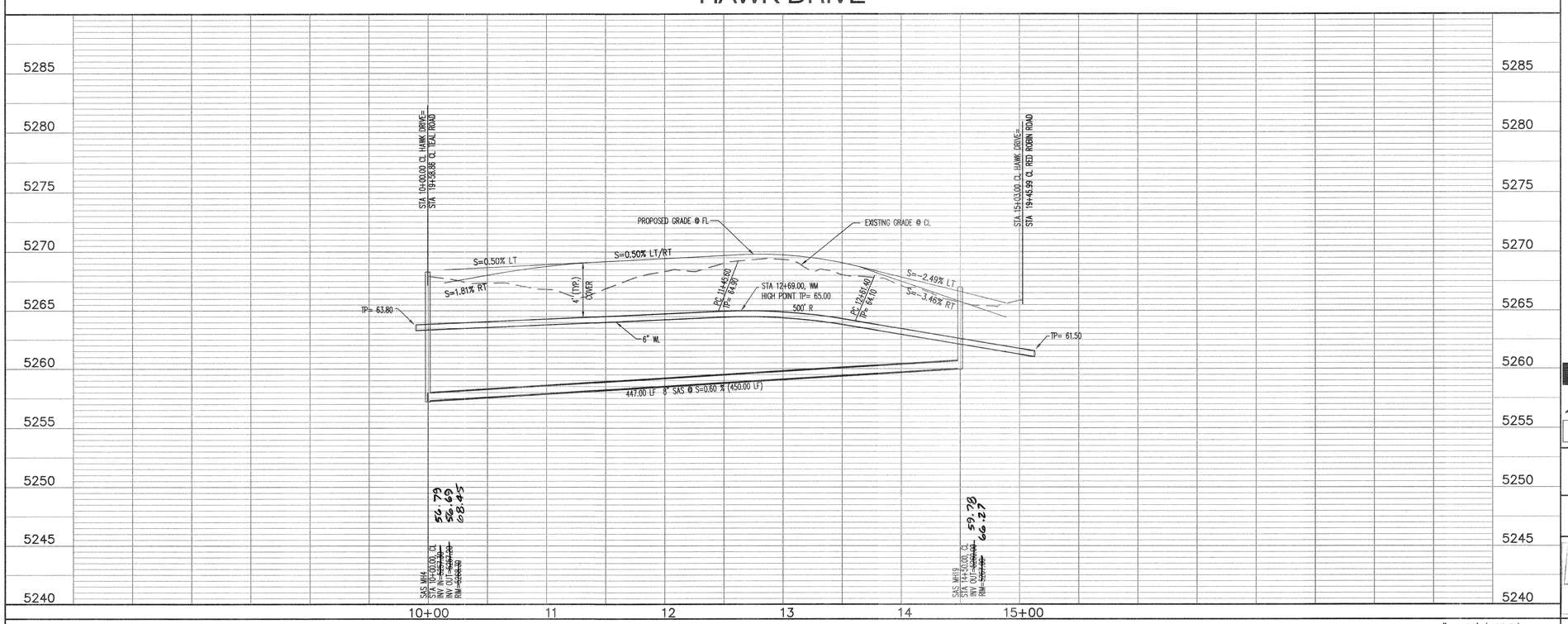
SCANNED BY MESA REPRO



SAS TANGENT TABLE		
NUMBER	BEARING	LENGTH
T15	S0°37'23"W	450.00'

WATERLINE TANGENT TABLE		
NUMBER	BEARING	LENGTH
T48	N00°37'23"E	474.00'
T49	N00°37'23"E	49.00'

HAWK DRIVE



SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)

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12. SAS LATERALS ARE 20' INSIDE PL ON DOWNHILL SIDE OF PROPERTY UNLESS OTHERWISE SPECIFIED.
13. ALL WATERLINE APPURTENANCES SHALL USE RESTRAINED JOINTS, REFER TO TABLES LISTED ON OVERALL UTILITY SHEET 16.
14. TYPICAL DEPTH TO WATERLINE IS 4 FEET. MINIMUM IS 3 FEET.

(1) STA. 12+69.00
INSTALL WATER METER SERVICE
AT HIGH POINT IN WATERLINE
TP=65.00

LEGEND

- DOUBLE WATER METER
- SINGLE WATER METER
- WL AIR RELEASE VALVE
- WATER LINE GATE VALVE
- WATER LINE CAP
- WATER LINE REDUCER
- EXISTING WATERLINE
- WATER LINE TEE
- SAS LATERAL
- SAS MANHOLE
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT

AS-BUILT INFORMATION

		DATE
CONTRACTOR:	FRANKLINS	01
WORK STAKED BY:	ACS	01
INSPECTOR ACCEPTANCE BY:	SEE	1-29
FIELD VERIFICATION BY:	ACS	01
DRAWINGS CORRECTED BY:	ACS	1/01
MICRO-FILM INFORMATION RECORDED BY:		DATE
NO.		

BENCH MARKS

ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

RICHARD LYNN BELTZ
NEW MEXICO
10396
REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: EES DATE: 07/00
Drawn By: DH/KSH DATE: 07/00
Checked By: RLB DATE: 07/00

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3 SUBDIVISION
UTILITY PLAN & PROFILE
HAWK DRIVE

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED FEB 1 3 2001 DESIGN REVIEW COMMITTEE	APPROVED FEB 2 2 2001 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
651681	L8-M8	22	32

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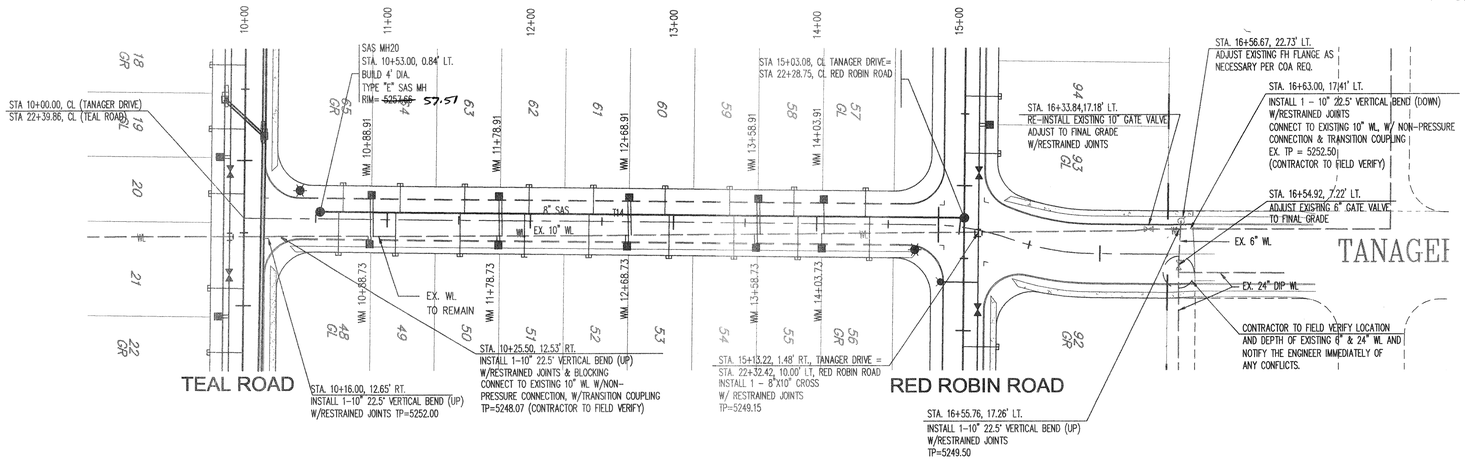
SCANNED BY MESA REPRO

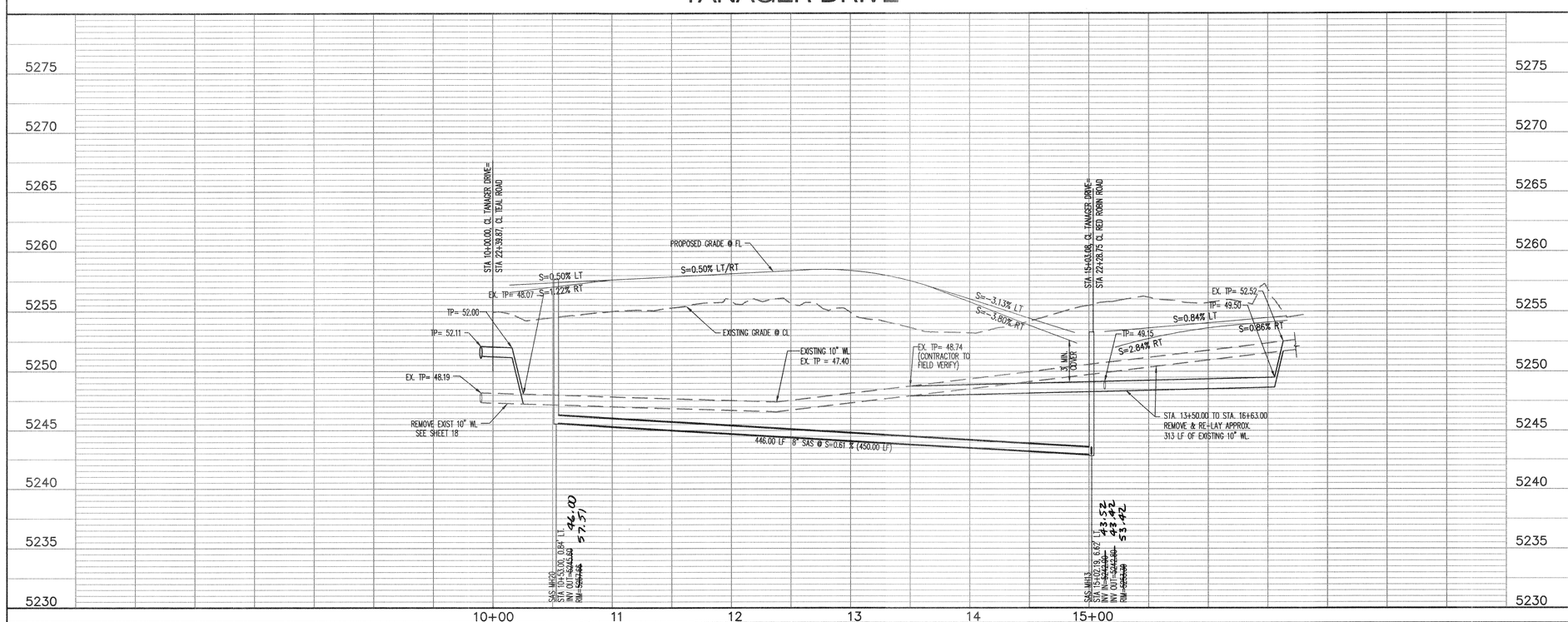


SANITARY SEWER SERVICES

LOT No.	SAS STATION & OFFSET	SAS LENGTH	INV. @ PLUG (W/RISER)
48	10+66.03, 4.94' LT.	29.94'	5248.40 (1')
49	11+05.91, 4.94' LT.	29.94'	5248.87 (2')
50	11+50.91, 4.94' LT.	29.94'	5249.30 (3')
51	11+95.91, 4.94' LT.	29.94'	5249.74 (4')
52	12+40.91, 4.94' LT.	29.94'	5250.17 (5')
53	12+96.91, 4.94' LT.	29.94'	5249.83 (5')
54	13+42.08, 4.94' LT.	29.94'	5249.56 (5')
55	13+86.91, 4.94' LT.	29.94'	5246.46 (1')
56	14+36.91, 4.94' LT.	29.94'	5246.16 (1')
57	14+33.91, 4.94' LT.	20.07'	5246.39 (2')
58	13+83.91, 4.94' LT.	20.07'	5248.11 (4')
59	13+39.08, 4.94' LT.	20.07'	5249.09 (5')
60	12+93.91, 4.94' LT.	20.07'	5249.36 (5')
61	12+43.91, 4.94' LT.	20.07'	5249.66 (5')
62	11+98.91, 4.94' LT.	20.07'	5249.93 (5')
63	11+53.91, 4.94' LT.	20.07'	5249.50 (4')
64	11+08.91, 4.94' LT.	20.07'	5249.07 (3')
65	10+69.03, 4.94' LT.	20.07'	5249.31 (3')

SAS TANGENT TABLE		
NUMBER	BEARING	LENGTH
T14	N 00°37'23" E	450.00'

TANAGER DRIVE



SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)

GENERAL NOTES

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11. STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.
12. SAS LATERALS ARE 20' INSIDE PL ON DOWNHILL SIDE OF PROPERTY UNLESS OTHERWISE SPECIFIED.
13. ALL WATERLINE APPURTENANCES SHALL USE RESTRAINED JOINTS, REFER TO TABLES LISTED ON OVERALL UTILITY SHEET 16.
14. TYPICAL DEPTH TO WATERLINE IS 4 FEET. MINIMUM IS 3 FEET.

LEGEND

- DOUBLE WATER METER
- SINGLE WATER METER
- WL AIR RELEASE VALVE
- WATER LINE GATE VALVE
- WATER LINE CAP
- WATER LINE REDUCER
- EXISTING WATERLINE
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- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT

AS-BUILT INFORMATION
CONTRACTOR PANKEYNOS DATE 01
WORK STAKED BY ALS DATE 01/01
INSPECTOR'S CHANGES ALS DATE 01
FIELD VERIFICATION BY ALS DATE 11/01
DRAWINGS CORRECTED BY ALS
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
RICHARD LYNN HUSTON
NEW MEXICO
10586
REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: DATE:
Drawn By: DATE:
Checked By: DATE:

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3 SUBDIVISION
UTILITY PLAN & PROFILE
TANAGER DRIVE

Design Review Committee: APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB 23 2001 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
651681	L8-M8	23	32

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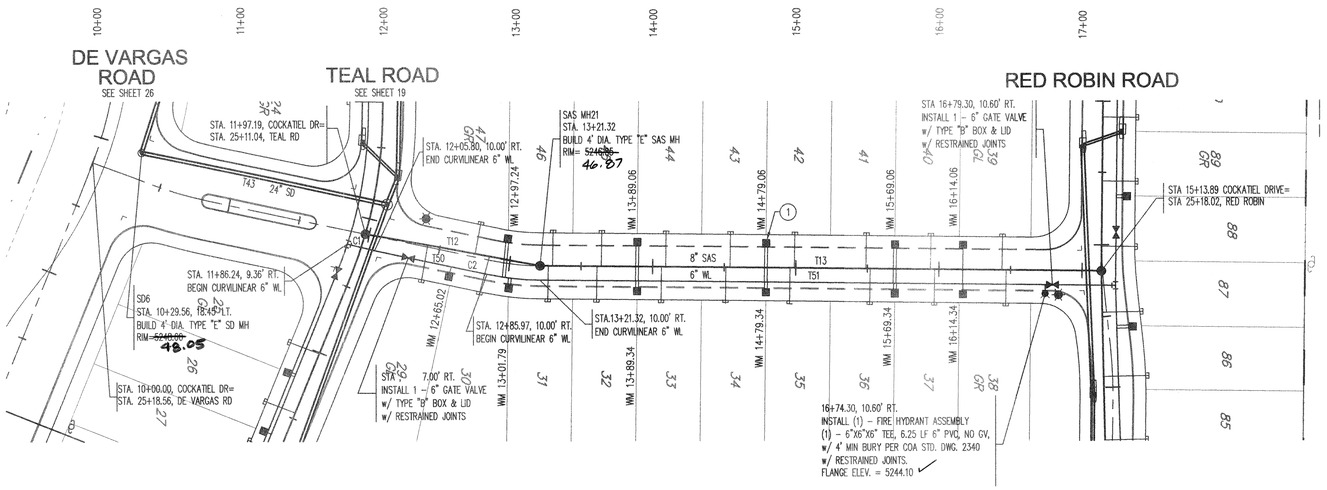

SANITARY SEWER SERVICES

LOT No.	SAS STATION & OFFSET	SAS LENGTH	INV. @ PLUG (W/RISER)	
29	12+41.36, 1.23' LT,	26.24'	5237.45 (4')	
30	12+85.11, 2.46' LT.	27.50'	5237.89 (5')	
31	13+27.06, CL	25.00'	5237.74 (2')	*
32	13+61.05, CL	25.00'	5238.54 (3')	*
33	14+06.06, CL	25.00'	5238.27 (3')	*
34	14+51.06, CL	25.00'	5239.00 (4')	*
35	14+95.94, CL	25.00'	5238.73 (4')	*
36	15+51.94, CL	25.00'	5238.39 (4')	*
37	15+96.94, CL	25.00'	5238.12 (4')	*
38	16+46.94, CL	25.00'	5235.59 (5')	
39	16+43.94, CL	25.00'	5235.61 (5')	
40	15+93.94, CL	25.00'	5238.14 (4')	*
41	15+48.94, CL	25.00'	5239.41 (5')	*
42	14+98.94, CL	25.00'	5238.71 (4')	*
43	14+54.06, CL	25.00'	5238.98 (4')	*
44	14+09.06, CL	25.00'	5238.25 (3')	*
45	13+64.05, CL	25.00'	5238.52 (3')	*
46	13+30.06, CL	25.00'	5238.72 (3')	*
47	12+75.05, 2.17' LT.	22.83'	5237.79 (5')	

* VERTICAL RISER REQUIRED

STORM DRAIN TANGENT TABLE		
NUMBER	BEARING	LENGTH
T43	N11°52'33"E	175.12'

SAS TANGENT TABLE		
NUMBER	BEARING	LENGTH
T12	N10°16'35"E	123.97'
T13	N00°37'23"E	392.01'

WATERLINE TANGENT TABLE		
NUMBER	BEARING	LENGTH
T50	N11°52'33"E	80.17'
T51	N00°55'21"E	402.01'

WATERLINE CURVE TABLE				
NUMBER	LENGTH	RADIUS	DELTA	TANGENT
C1	19.58'	300.00'	03°44'21"	9.79'
C2	37.32'	190.00'	11°15'10"	18.72'

GENERAL NOTES

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3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
4. 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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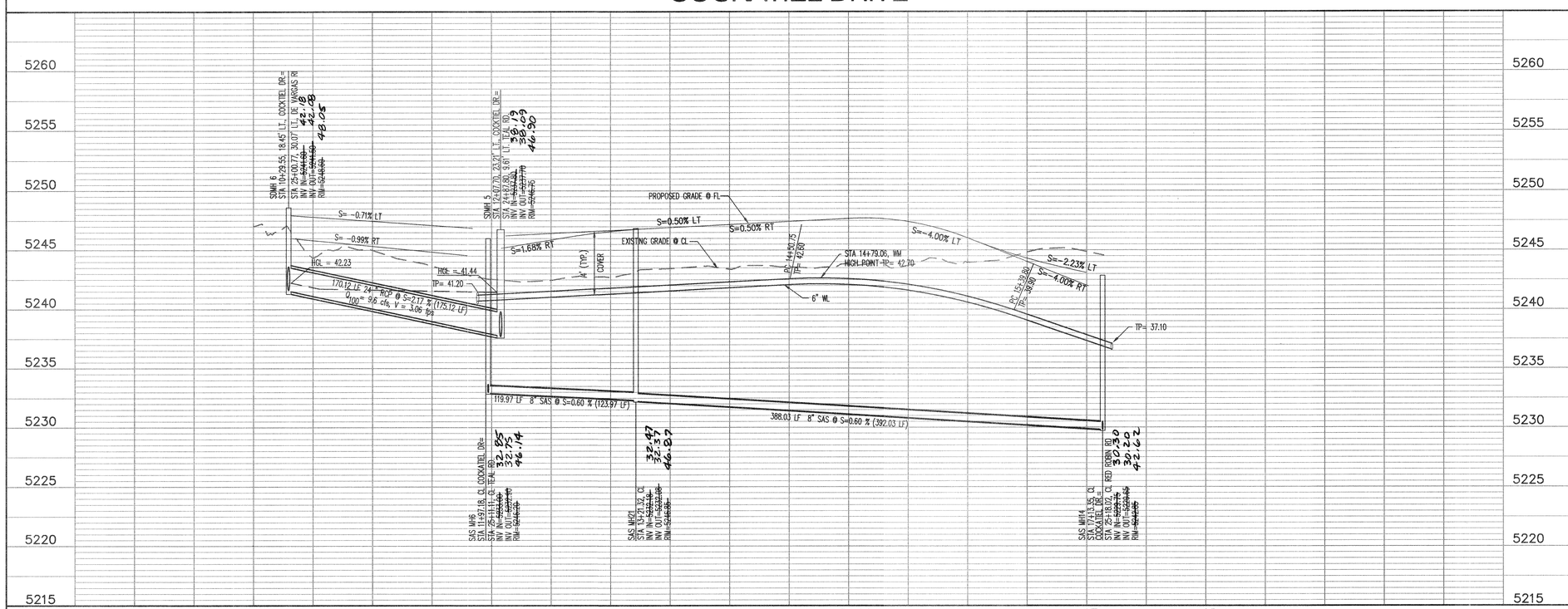
10. SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
11. STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.
12. SAS LATERALS ARE 20' INSIDE PL ON DOWNHILL SIDE OF PROPERTY UNLESS OTHERWISE SPECIFIED.
13. ALL WATERLINE APPURTENANCES SHALL USE RESTRAINED JOINTS, REFER TO TABLES LISTED ON OVERALL UTILITY SHEET 16.
14. TYPICAL DEPTH TO WATERLINE IS 4 FEET. MINIMUM IS 3 FEET.

(1) STA. 14+79.06
INSTALL WATER METER SERVICE
AT HIGH POINT IN WATERLINE
TP=42.70

LEGEND

- DOUBLE WATER METER
- SINGLE WATER METER
- WL AIR RELEASE VALVE
- WATER LINE GATE VALVE
- WATER LINE CAP
- WATER LINE REDUCER
- EXISTING WATERLINE
- WATER LINE TEE
- SAS LATERAL
- SAS MANHOLE
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT

COCKATIEL DRIVE



SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)

SCANNED BY MESA REPRO

AS-BUILT INFORMATION
CONTRACTOR: FLANNERY DATE: 01
WORK STAKED BY: ACS DATE: 01
INSPECTOR ACCEPTANCE BY: [illegible] DATE: 1/01
FIELD VERIFICATION BY: ALS DATE: 01
DRAWINGS CORRECTED BY: ALS DATE: 1/01
MICRO-FILM INFORMATION
RECORDED BY: DATE:
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
RICHARD LYNN BEVERLAND NEW MEXICO PROFESSIONAL ENGINEER 10121

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: DATE:
Drawn By: DATE:
Checked By: DATE:

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

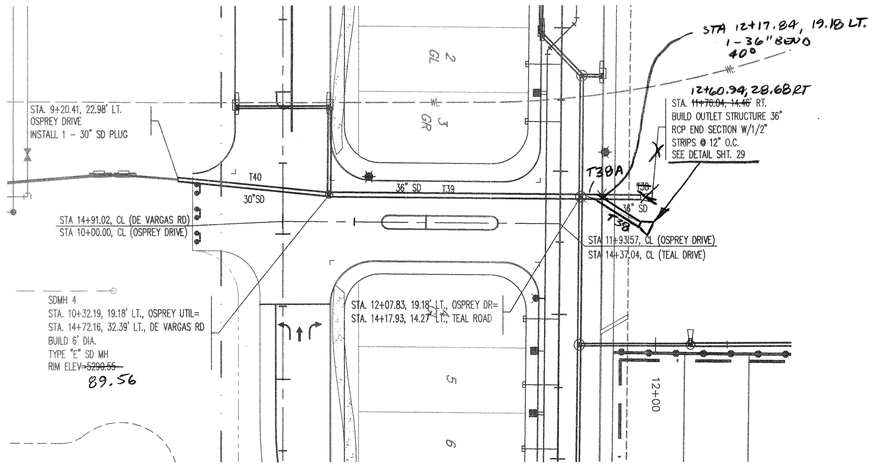
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3 SUBDIVISION
UTILITY PLAN & PROFILE
COCKATIEL DRIVE

Design Review Committee: APPROVED FEB 1 0 2001 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB 2 2 2001 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 651681 | Zone Map No. L8-M8 | Sheet 24 Of 32

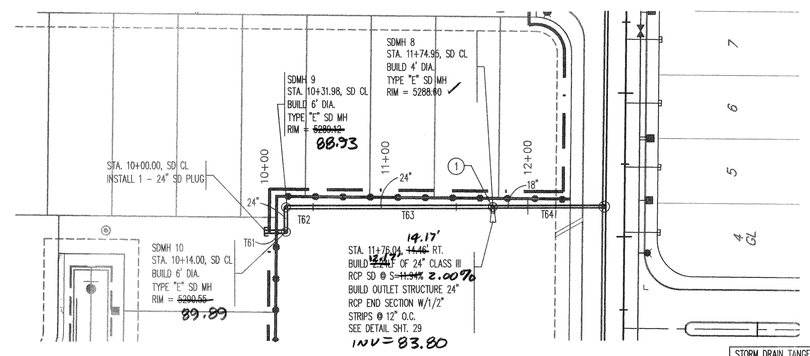
P:\99470\CDP\PNP\UNIT_3\99470UPNP06.DWG



OSPREY DRIVE

STORM DRAIN TANGENT TABLE		
NUMBER	BEARING	LENGTH
~~T38~~	~~N03°37'23"E~~	~~41.85'~~
T39	N03°37'23"E	175.64'
T40	N5°51'6"E	105.93'

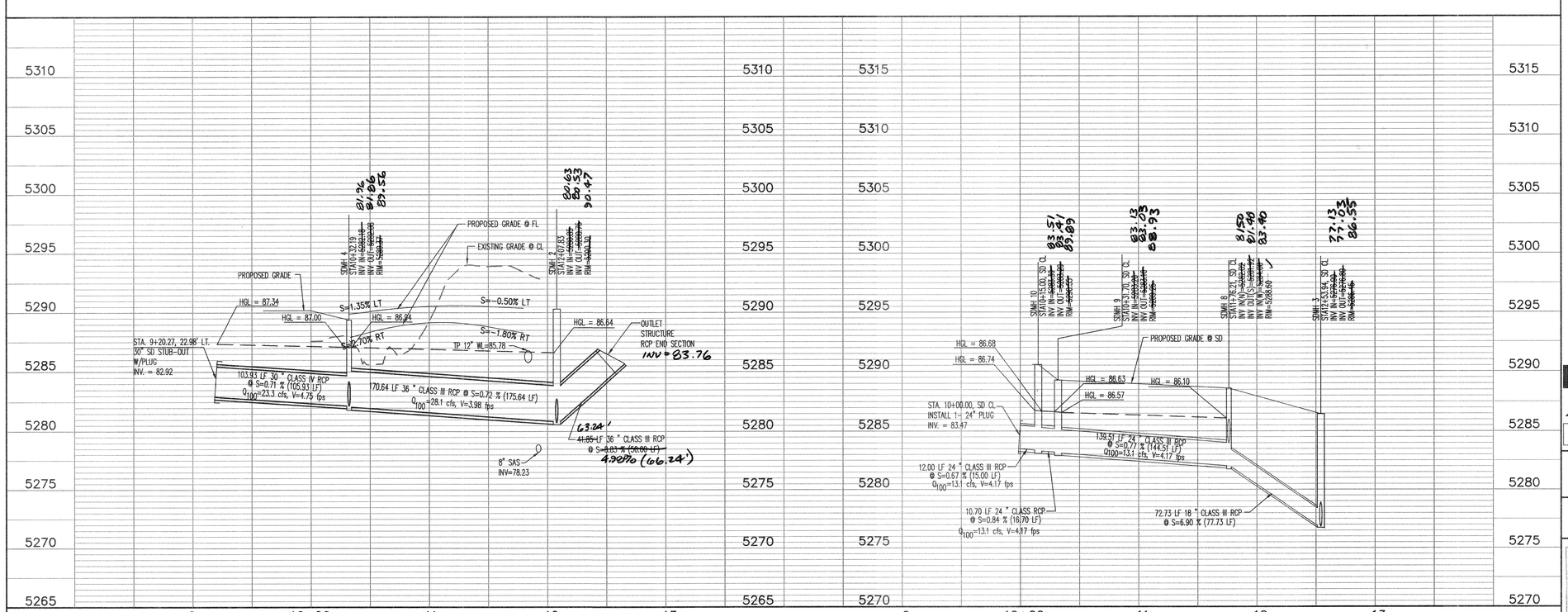
T38 N 40°37'23"E 64.41'
T38A N00°37'23"E 10.00'



STORM DRAIN TANGENT TABLE		
NUMBER	BEARING	LENGTH
T61	S0°0'0"W	15.00'
T62	N90°0'0"E	16.70'
T63	S0°0'0"E	144.51'
T64	S0°0'0"W	77.73'

PARK STORM DRAIN

50 25 0 50
1" = 50'



SCALE: 1" = 50' (HORIZ.)
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GENERAL NOTES

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2. ALL 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)
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14. TYPICAL DEPTH TO WATERLINE IS 4 FEET. MINIMUM IS 3 FEET.

KEYED NOTES:

1. INSTALL ORIFICE PLATE PER DETAIL, SHEET 29.

LEGEND

- DOUBLE WATER METER
- SINGLE WATER METER
- WL AIR RELEASE VALVE
- WATER LINE GATE VALVE
- WATER LINE CAP
- WATER LINE REDUCER
- EXISTING WATERLINE
- WATER LINE TEE
- SAS LATERAL
- SAS MANHOLE
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT

AS-BUILT INFORMATION
CONTRACTOR REMELIUS DATE 01
WORK STAKED BY ALS DATE 01
INSPECTOR'S ACCEPTANCE BY JCC DATE 1/01
FIELD VERIFICATION BY ALS DATE 01
DRAWINGS CORRECTED BY ALS DATE 1/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
RICHARD LYNN BRECKENRIDGE
NEW MEXICO
10596
PROFESSIONAL ENGINEER

No.	Date	REMARKS	By

REVISIONS
DESIGN
Designed By: EES DATE: 11/00
Drawn By: KSH DATE: 11/00
Checked By: RLB DATE: 11/00

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3 SUBDIVISION
UTILITY PLAN & PROFILE
OSPREY DRIVE / PARK STORM DRAIN

Design Review Committee: APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB 2 0 2001 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
651681	L8-M8	25	32

SCANNED BY MESA REPRO

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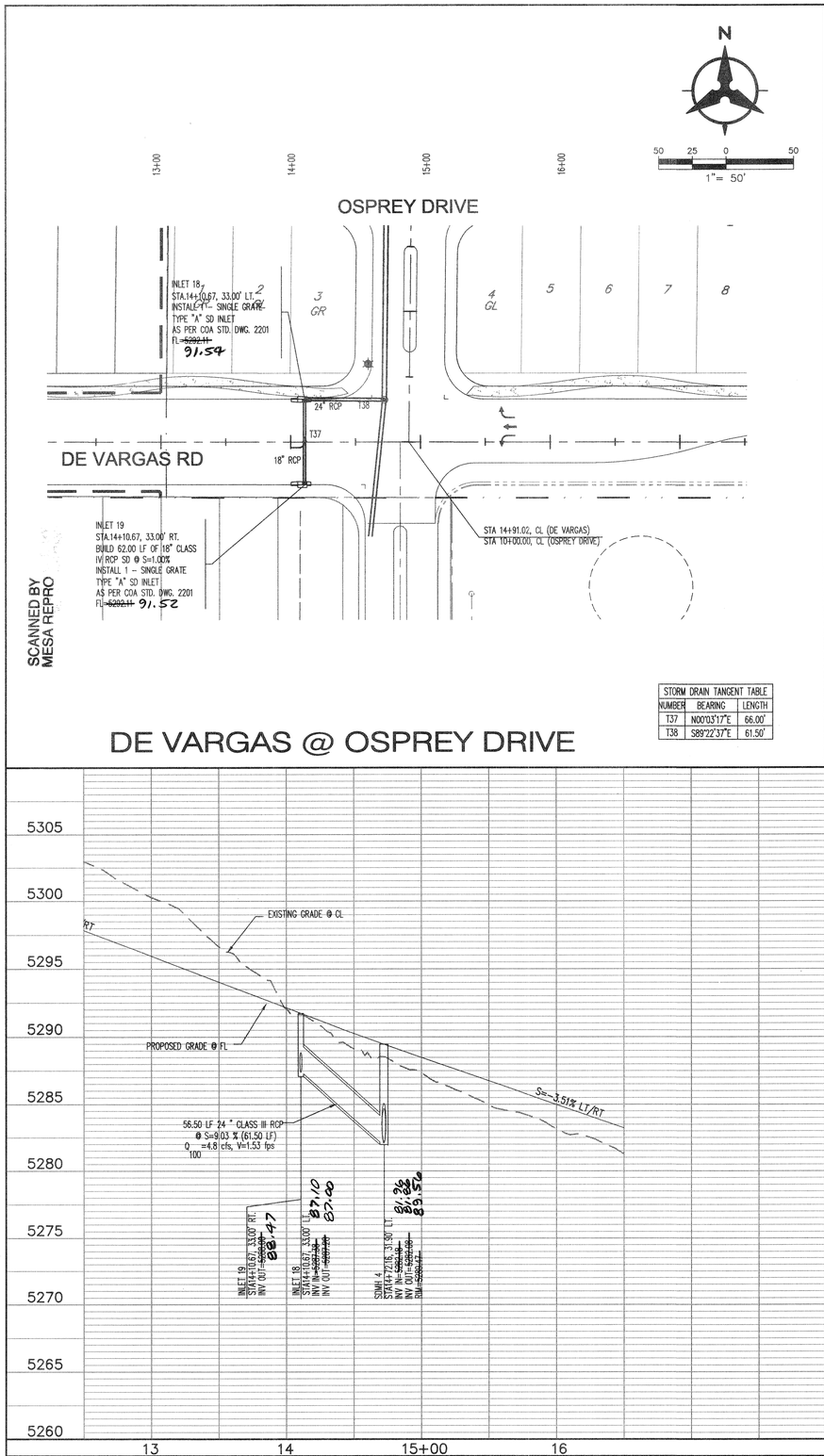
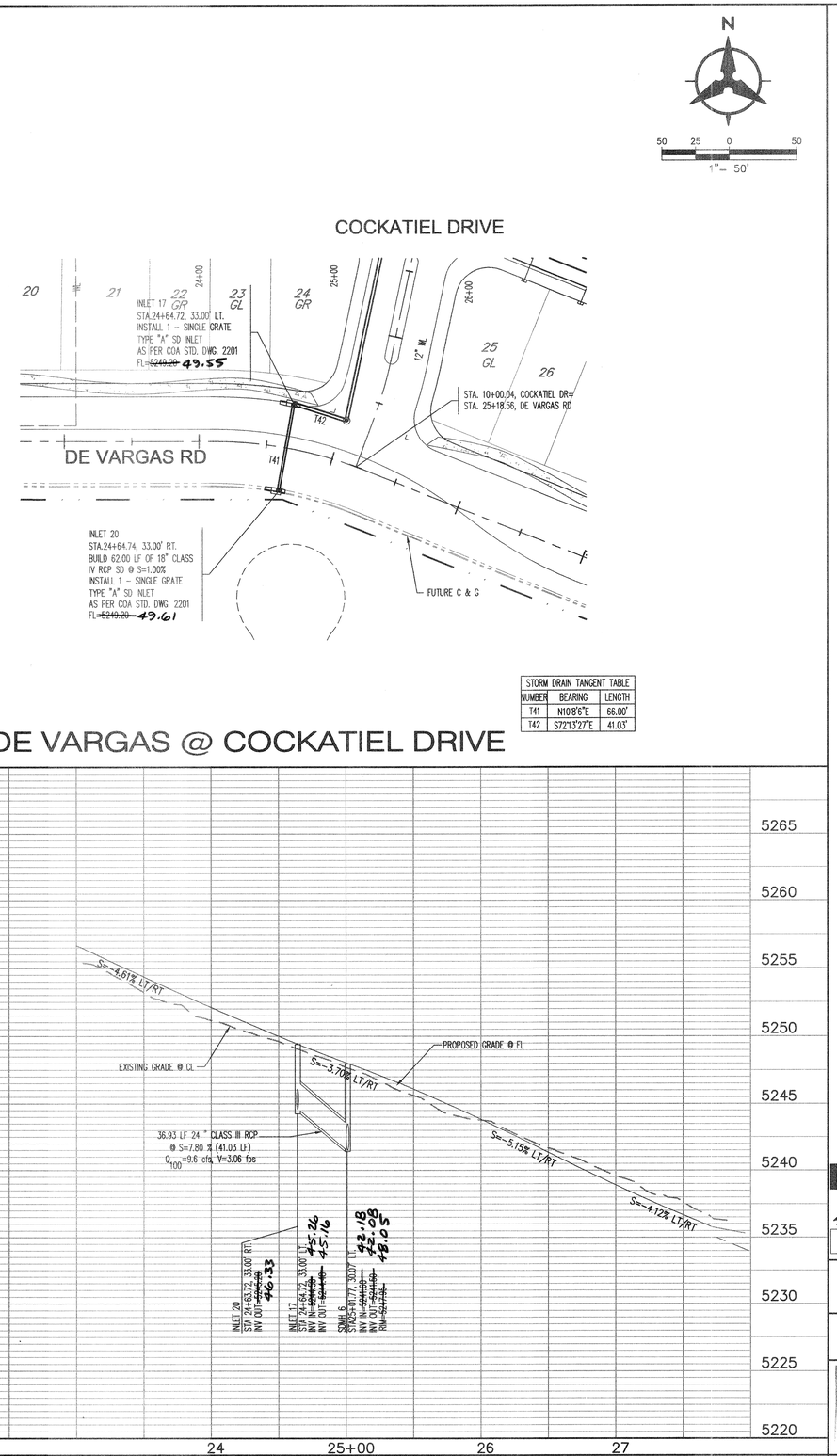


STORM DRAIN TANGENT TABLE		
NUMBER	BEARING	LENGTH
T37	N00°03'17"E	66.00'
T38	S89°22'37"E	61.50'

DE VARGAS @ OSPREY DRIVE



STORM DRAIN TANGENT TABLE		
NUMBER	BEARING	LENGTH
T41	N10°8'6"E	66.00'
T42	S72°13'27"E	41.03'

DE VARGAS @ COCKATIEL DRIVE

SCALE: 1" = 50' (HORIZ.)
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- STORM DRAIN INLET
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- EXISTING WATER VALVE
- PROPOSED STREET LIGHT

AS-BUILT INFORMATION
CONTRACTOR RAMKINS DATE 01
WORK STAKED BY ALS DATE 01
INSPECTOR'S ACCEPTANCE BY [illegible] DATE 11/01
FIELD VERIFICATION BY ALS DATE 01
DRAWINGS CORRECTED BY ALS DATE 11/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8"
LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
RICHARD LYNN BELLAR NEW MEXICO 10396 REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: EES DATE: 11/00
Drawn By: KSH DATE: 11/00
Checked By: RLB DATE: 11/00

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

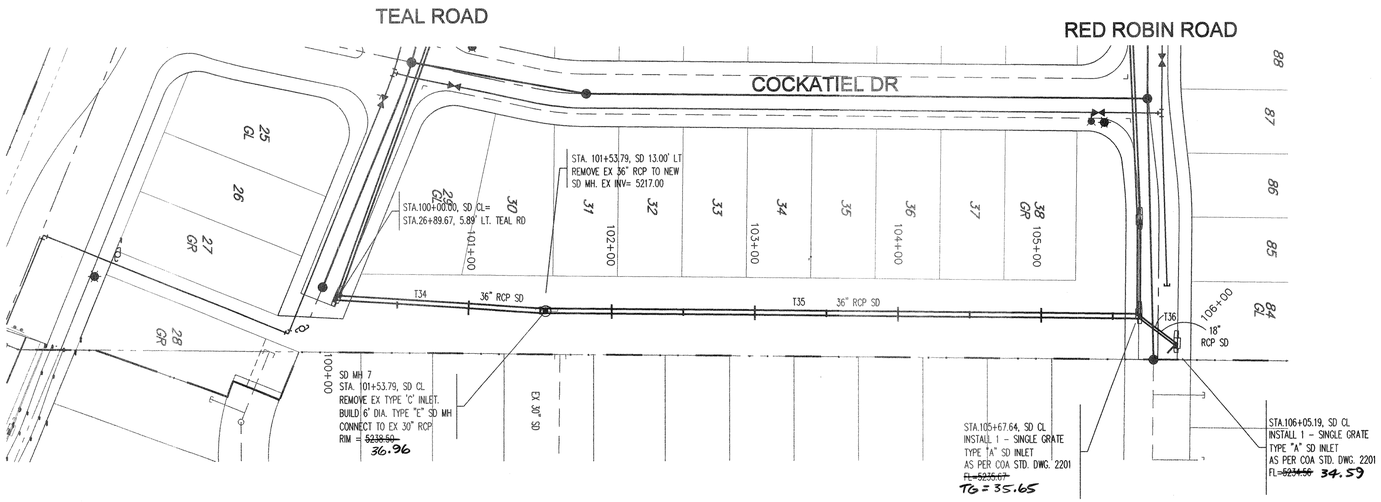
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

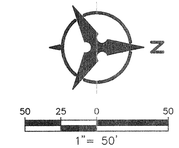
TIMARRON WEST SUBDIVISION
UTILITY PLAN & PROFILE
DE VARGAS ROAD

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED FEB 1 2 2001 REGISTERED REVIEW CONTRACTOR	APPROVED FEB 2 2 2001 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
651681	L8-M8	26	32

P:\99470\CDP\UNIT_3\99470UPNP11.DWG





STORM DRAIN TANGENT TABLE		
NUMBER	BEARING	LENGTH
T34	N03°44'50"E	145.59'
T35	N00°37'23"E	414.19'
T36	N37°00'42E	33.80'

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LEGEND

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- SINGLE WATER METER
- WL AIR RELEASE VALVE
- WATER LINE GATE VALVE
- WATER LINE CAP
- WATER LINE REDUCER
- EXISTING WATERLINE
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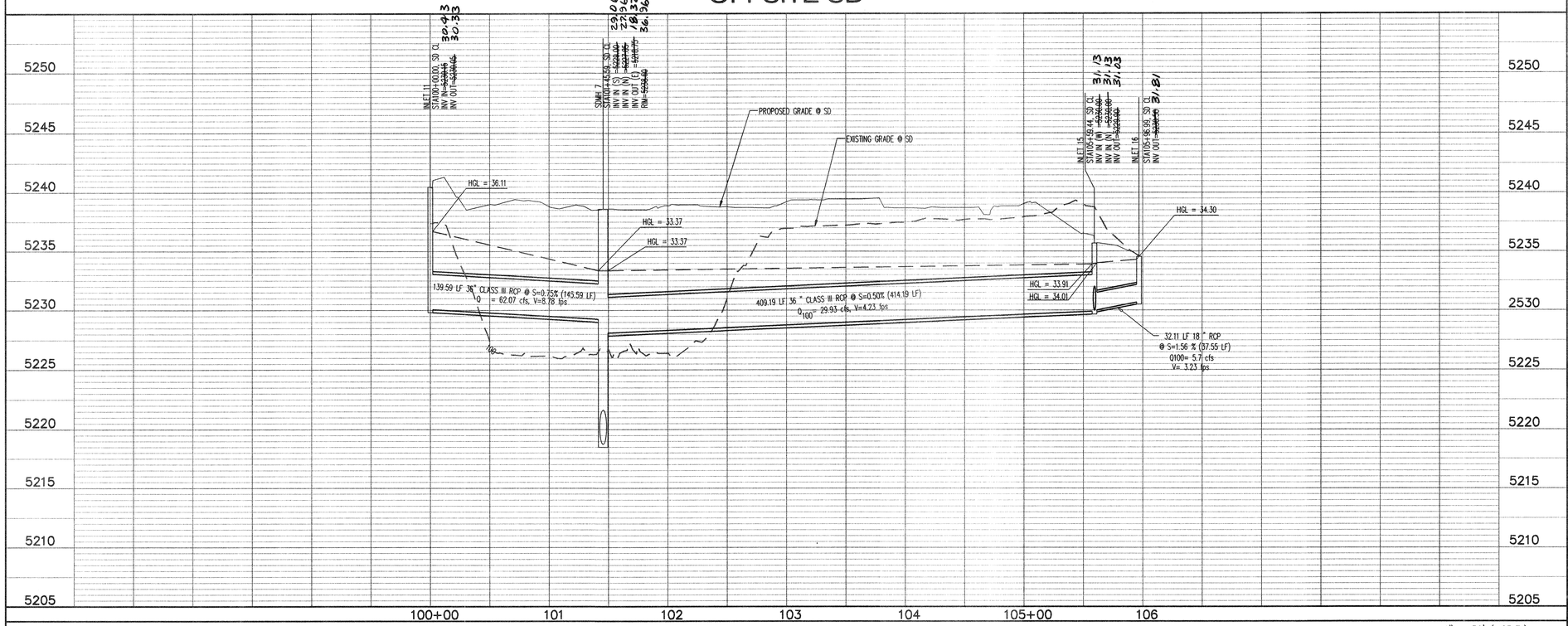
- SAS LATERAL
- SAS MANHOLE
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT

OFFSITE SD



SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)

SCANNED BY MESA REPRO

P:\99470\CDP\PNP\UNIT_3\99470UPNP09.DWG

AS-BUILT INFORMATION
CONTRACTOR FRANKLINS DATE 01
WORK STAKED BY ALS DATE 01
INSPECTOR'S ACCEPTANCE BY JBC DATE 1/01
FIELD VERIFICATION BY ALS DATE 01
DRAWINGS CORRECTED BY ALS DATE 1/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
RICHARD LYNN BELCHER NEW MEXICO 10696 REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: DATE:
Drawn By: DATE:
Checked By: DATE:

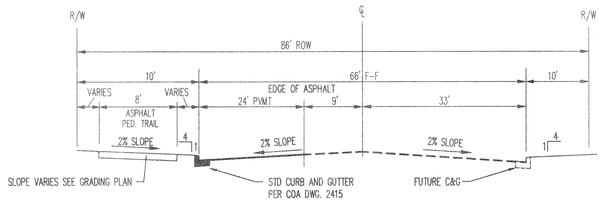
Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST SUBDIVISION
UTILITY PLAN & PROFILE
OFFSITE SD

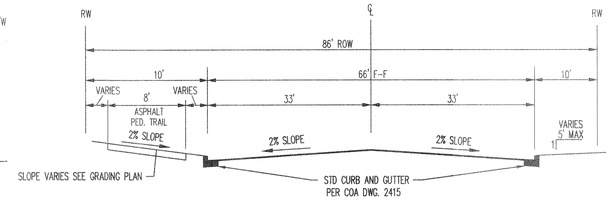
Design Review Committee: APPROVED FEB 19 2001 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB 22 2001 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
651681	L8-M8	27	32



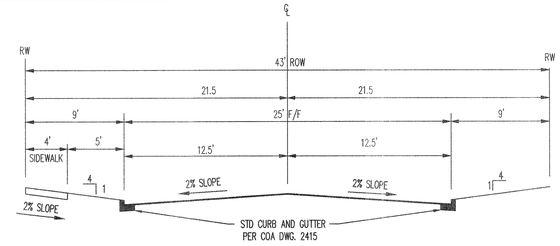
DE VARGAS RD - 24' PVMT

N.T.S.



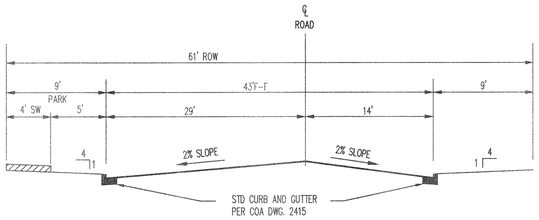
DE VARGAS RD - 66' F-F

NOT TO SCALE



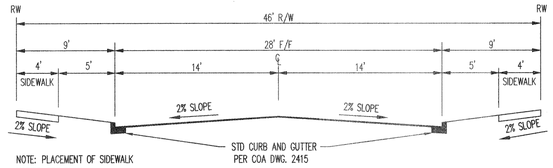
RESIDENTIAL STUB STREET 25' PVMT SECTION

NOT TO SCALE



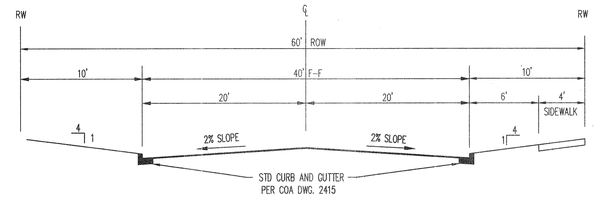
TEAL RD AT PARK - 43' F-F

N.T.S.



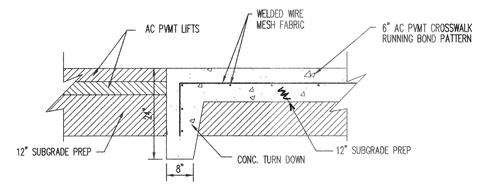
TYPICAL RESIDENTIAL - 28' F-F

NOT TO SCALE



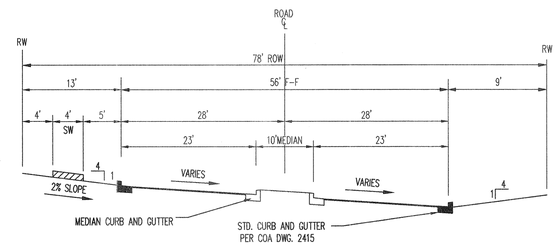
TANAGER DR ENTRANCE - 40' F-F

N.T.S.



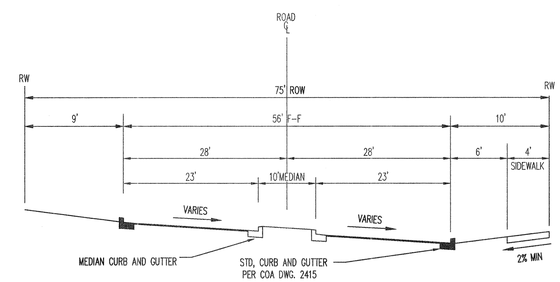
TYPICAL AC/PCC PVMT CROSSWALK JOINT DETAIL

NOT TO SCALE



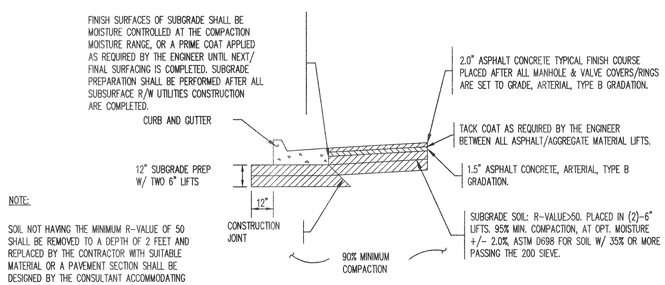
OSPREY DR ENTRANCE - 56' F-F

N.T.S.



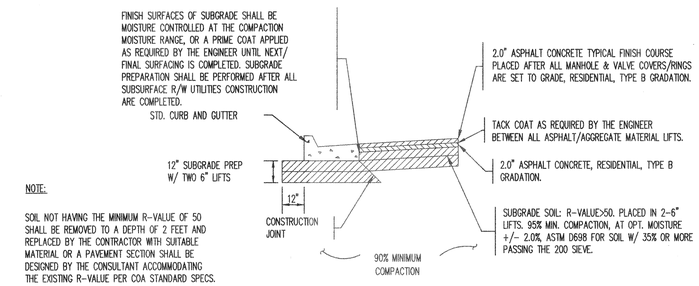
COCKATIEL DR ENTRANCE - 56' F-F

N.T.S.



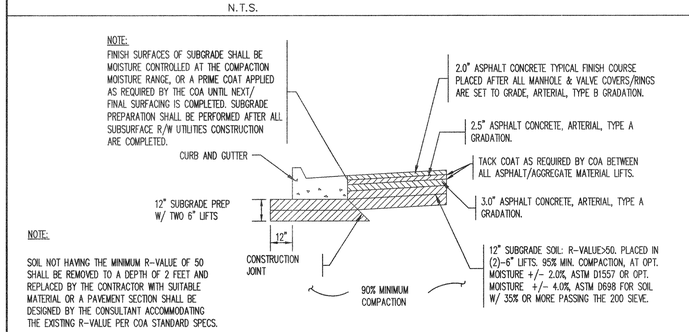
RESIDENTIAL PAVEMENT SECTION - 3.5" ASPHALT TEAL, WOOD DUCK, & COCKATIEL

N.T.S.



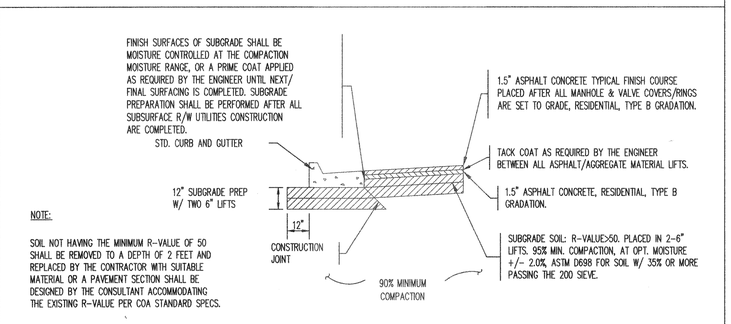
RESIDENTIAL PAVEMENT SECTION - 4" ASPHALT (SUBDIVISION ENTRANCES) COCKATIEL & OSPREY

N.T.S.



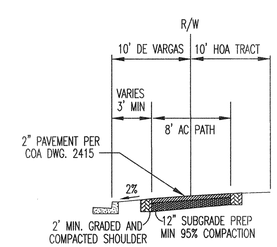
ARTERIAL PAVEMENT SECTION DE VARGAS ROAD

N.T.S. PER COA PROJECT No. 612781



RESIDENTIAL PAVEMENT SECTION - 3" ASPHALT RED ROBIN, HAWK, TANAGER, & 25' TEAL STUB-STREET

N.T.S.



NOTE:
PEDESTRIAN TRAIL HORZ RADII SHALL BE A MIN. 130' R

8' PEDESTRIAN TRAIL SECTION

NTS

SCANNED BY MESA REPRO

AS-BUILT INFORMATION
CONTRACTOR FARMLANDS DATE 01
WORK STAKED BY ALS DATE 01
INSPECTOR'S ACCEPTANCE BY JGL DATE 10/01
FIELD VERIFICATION BY ALS DATE 01
DRAWINGS CORRECTED BY ALS DATE 11/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM. 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
RICHARD LYNN BELTRAN NEW MEXICO 10596 REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: EES DATE: 11/00
Drawn By: KSH DATE: 11/00
Checked By: RLB DATE: 11/00

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3
PAVING SECTIONS & DETAILS

Design Review Committee: APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB 23 2001 CITY ENGINEER
Last Design Update | Mo./Day/Yr.

City Project No. 651681 | Zone Map No. A-12-Z | Sheet 28 Of 32

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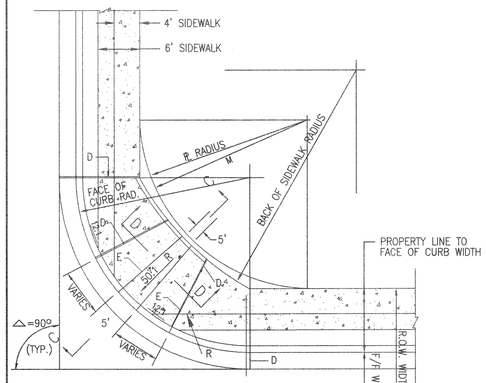
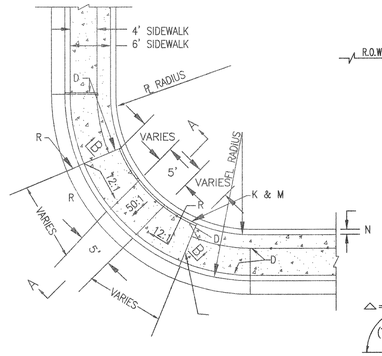
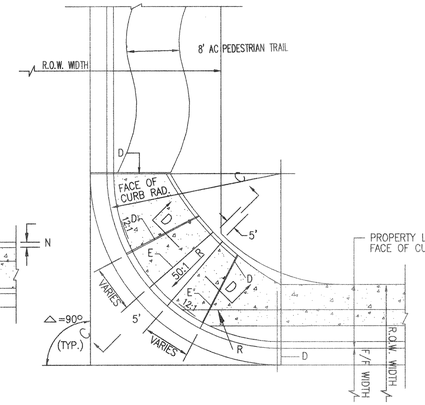
BHI JOB NO. 99470A



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

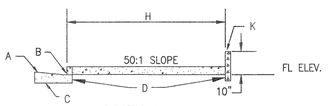


CASE I MINIMAL R.O.W. FOR SIDEWALK AT BACK OF CURB

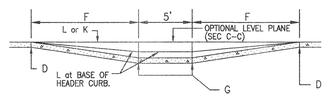


CASE III ADEQUATE R.O.W. FOR SETBACK 8' WIDE AC PEDESTRIAN TRAIL

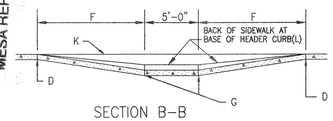
△	R. RAD	CURB RAD	℞ CURB WIDTH	BACK SW RAD
90°	25'	25'	4'	25'
90°	30'	25'	4'	30'
90°	25'	30'	4'	25'
90°	30'	30'	4'	30'



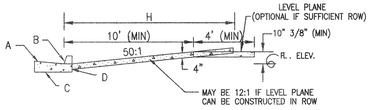
SECTION A-A



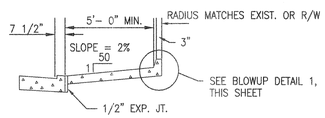
SECTION D-D



SECTION B-B



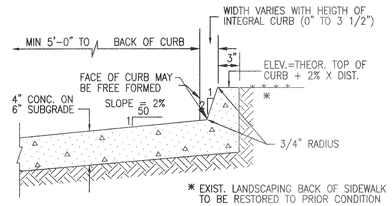
SECTION C-C



ALTERNATE SECTION A-A

HANDICAP RAMP DETAIL 'A'

NOT TO SCALE



DETAIL 1

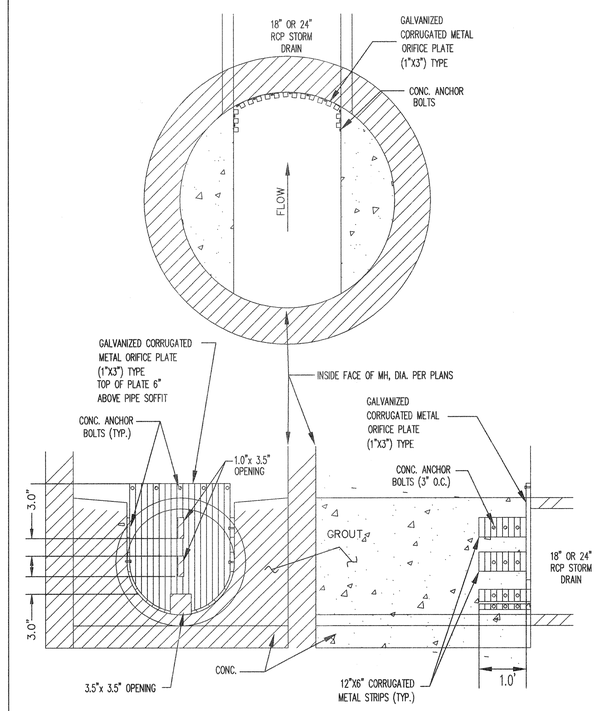
N.T.S.

GENERAL NOTES:

1. CURB ACCESS RAMPS ARE NORMALLY TO BE LOCATED AT THE CENTER OF THE RETURN OR AS DIRECTED BY THE CITY TRAFTIC 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.

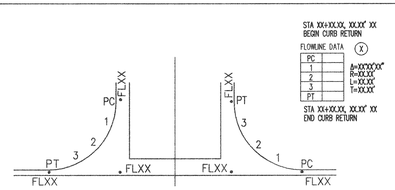
CONSTRUCTION NOTES:

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. 2415.
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 S) 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.



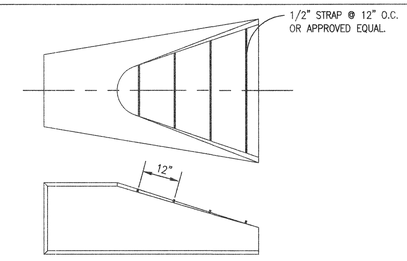
SD ORIFICE PLATE DETAIL

NTS



TYPICAL INTERSECTION RETURN DETAIL

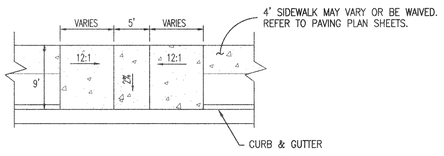
NOT TO SCALE



NOTE:
STRUCTURAL DESIGN OF END SECTION SHALL CONFORM W/ STANDARD RCP

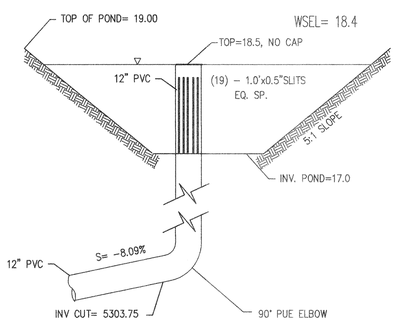
RCP FLARRED END SECTION

NOT TO SCALE



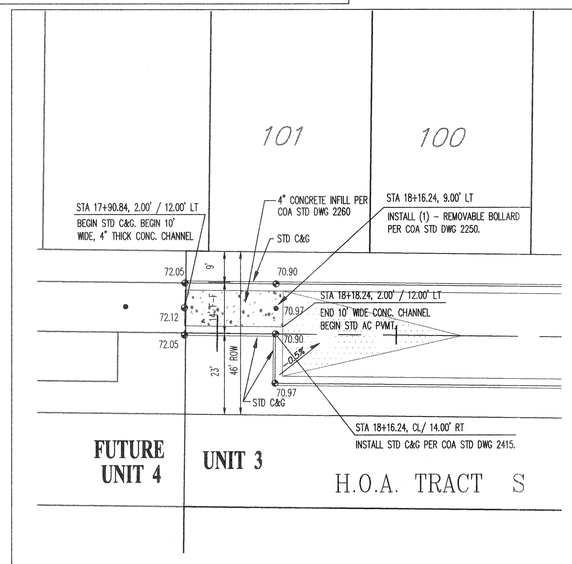
HANDICAP RAMP DETAIL 'B'

NOT TO SCALE



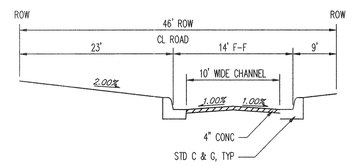
POND OUTLET STRUCTURE

NOT TO SCALE



10' WIDE CHANNEL DETAIL

SCALE: 1=20'



CONC. CHANNEL SECTION

NOT TO SCALE

SCANNED BY MESA REPRO

AS-BUILT INFORMATION
CONTRACTOR FRANKLINS DATE 01
WORK STAKED BY ALS DATE 01
INSPECTOR'S ACCEPTANCE BY AZZ DATE 11/01
FIELD VERIFICATION BY ALS DATE 01
DRAWINGS CORRECTED BY ALS DATE 11/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
RICHARD LYNN BELTZ
NEW MEXICO
10596
REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: EES DATE: 11/00
Drawn By: KSH DATE: 11/00
Checked By: RLB DATE: 11/00

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3
SECTIONS & DETAILS

Design Review Committee: APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED FEB 23 2001 CITY ENGINEER
Last Design Update | Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
651681	L-8,M-8	29	32

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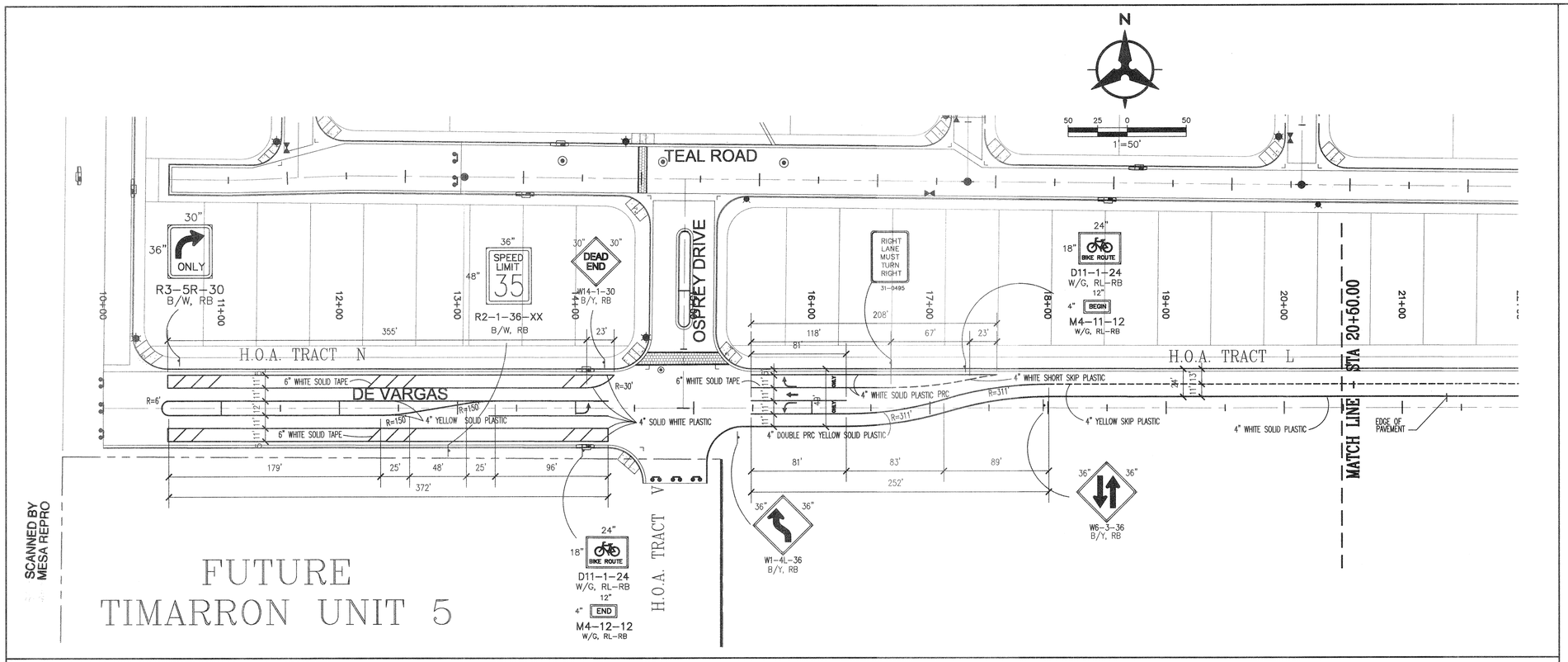
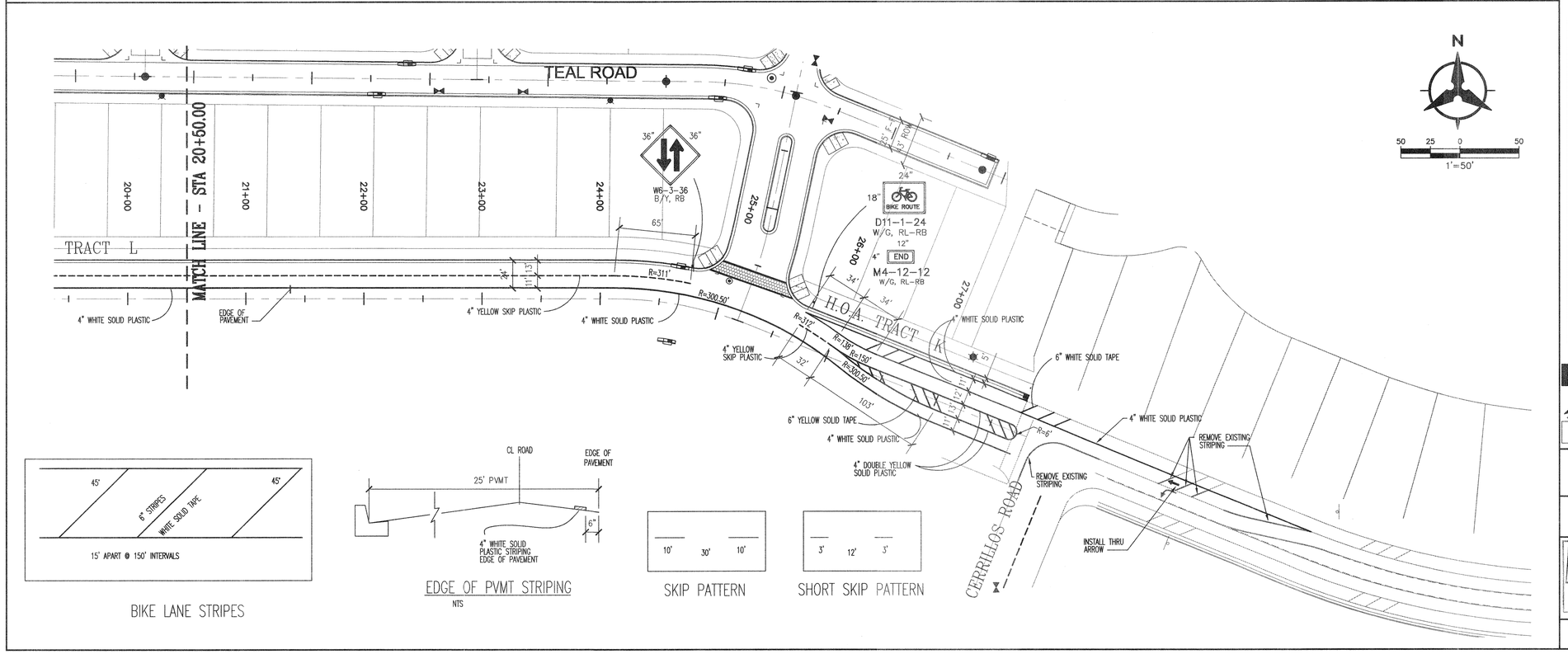
BHI JOB NO. 99470A



SCANNED BY MESA REPRO

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL 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 IS RESPONSIBLE FOR REPAIR AND/ OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
5. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
6. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
7. ANY DAMAGE TO THE EXISTING FACILITIES, (C&G), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
8. REMOVAL OF THE EXISTING C&G SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
9. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
10. DENOTES CROWN TRANSITION PER COA STD DWG. 2401.
11. FOR QUARTER POINT TABLE REFER TO TYPICAL INTERSECTION RETURN DETAIL, SHEET 28.
12. INSTALL COLORED PATTERNED CONCRETE IN MEDIANS.
13. MH RIMS & CATCH BASIN INLET ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT ELEVATIONS.
14. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF GAS LINES WITH GAS COMPANY IF REQUIRED.



LEGEND

- EXISTING R/W LINE
- EXISTING CURB & GUTTER
- EXISTING FENCE
- PROPOSED R/W LINE
- PROPERTY LINE
- PROPOSED STD CURB & GUTTER
- PROPOSED ROLL TYPE C&G
- PROPOSED PHASE BOUNDARY
- EASEMENT
- PROPOSED STREET LIGHT
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- PROPOSED MAIN VALVE
- PROPOSED SAS MANHOLE

BIKE LANE STRIPES

EDGE OF PVMT STRIPING
NTS

SKIP PATTERN

SHORT SKIP PATTERN

AS-BUILT INFORMATION

CONTRACTOR: SUMMIT INC DATE 01
WORK STAKED BY: ALS DATE 01
ACCEPTANCE: DATE 1/01
FIELD VERIFICATION BY: ALS DATE 01
DRAWINGS CORRECTED BY: ALS DATE 1/01
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS

ACS 1 3/4" Alum. disk stamped "ACS BM, 14-M9" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

RICHARD LYNN BELTRAMO
NEW MEXICO
10558
REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By

REVISIONS

DESIGN

Designed By: EES DATE: 11/00
Drawn By: KSH DATE: 11/00
Checked By: RLB DATE: 11/00

Bohannan ▲ Huston

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

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PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3
DEVARGAS ROAD STRIPING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED FEB 13 2001 DESIGN REVIEW COMMITTEE	APPROVED FEB 23 2001 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
651681	L-8,M-8	30	32

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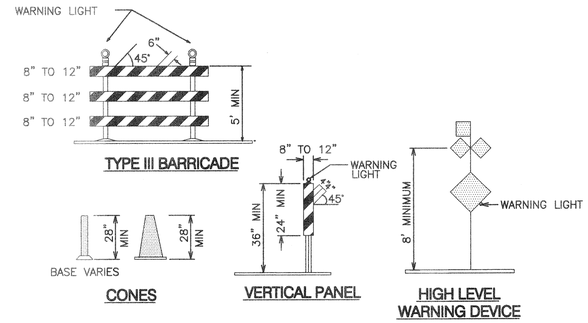
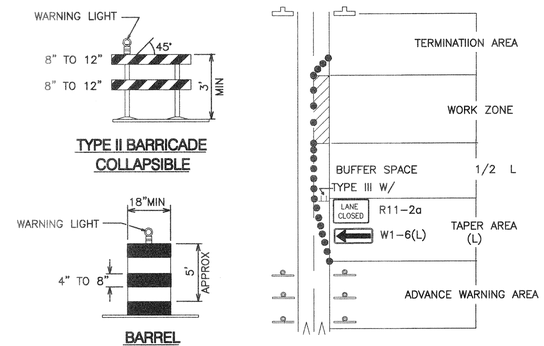
99470A

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.
2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPERATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.
3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.
4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.
5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.
6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.
8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.
9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.
10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.
11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED.
12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.
13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.
14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.
15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.
16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.
17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON AN ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.
18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
19. 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.
20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.
21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.
22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
    1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
    2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
    3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION, WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.
26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.
27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPTMENT, BOTH PERMANENT AND TEMPORARY.





LEGEND

- WORK AREA
- BARRICADE – TYPE I, TYPE II, OR BARREL
- BARRICADE – TYPE III
- VERTICAL PANEL
- WARNING SIGN
- D — DISTANCE BETWEEN SIGNS – A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- S — SPACING BETWEEN BARRICADES – A DISTANCE MEASURED IN FEET EQUAL TO THE STREET LIMIT OF THE STREET
- L — TAPER LENGTH – SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENT

SPEED LIMIT (MPH)	TAPER LENGTH(L) (FEET) 10' LANE	11' LANE	12' LANE	MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

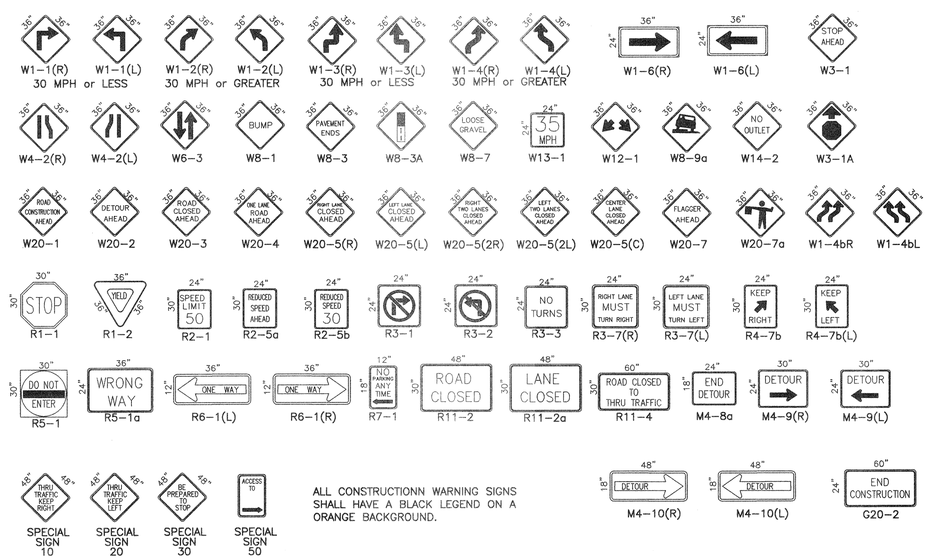
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
40 MPH OR GREATER	$L = W \times S$

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

SIGN FACE DETAILS



ALL CONSTRUCTIONN WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

SCANNED BY MESA REPRO

AS-BUILT INFORMATION
CONTRACTOR: FRANCHELLI'S DATE 01
WORK STAKED BY: ALS DATE 01
INSPECTOR'S ACCEPTANCE BY: DATE 11/01
FIELD VERIFICATION BY: ALS DATE 01
DRAWINGS CORRECTED BY: ALS DATE 1/01
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS 1 3/4" Alum. disk stamped "ACS BM. 14-M8" LOCATED AT THE ESE QUADRANT OF DE VARGAS RD. AND CERRILLOS ROAD EPOXIED TO TOP OF CONCRETE CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
NEW MEXICO 10596 REGISTERED PROFESSIONAL ENGINEER

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: EES DATE: 11/00
Drawn By: KSH DATE: 11/00
Checked By: RLB DATE: 11/00

Bohannan Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TIMARRON WEST UNIT 3 SUBDIVISION
TRAFFIC CONTROL SIGNING & CONSTRUCTION TRAFFIC CONTROL STANDARDS

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

City Project No.	Zone Map No.	Sheet	Of
651681	L8-M8	31	32

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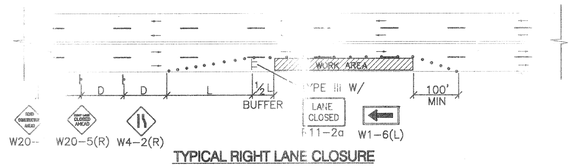
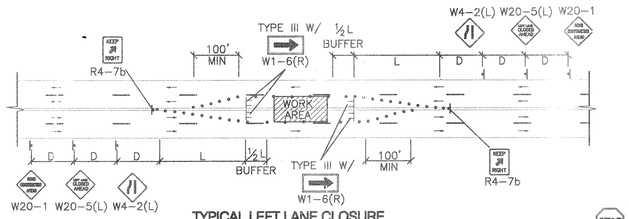
BHI JOB NO. 99470

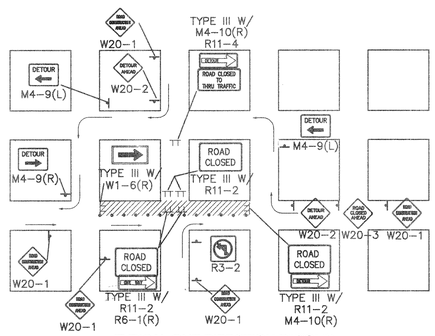
Date: November, 2000



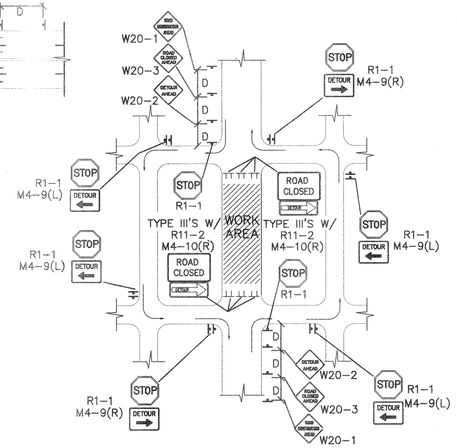
TYPICAL RIGHT LANE CLOSURE



TYPICAL LEFT LANE CLOSURE



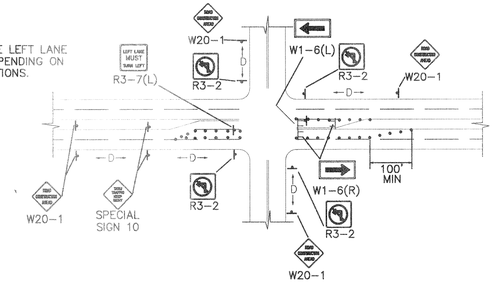
TYPICAL ONE DIRECTION DETOUR



TYPICAL STREET CLOSURE

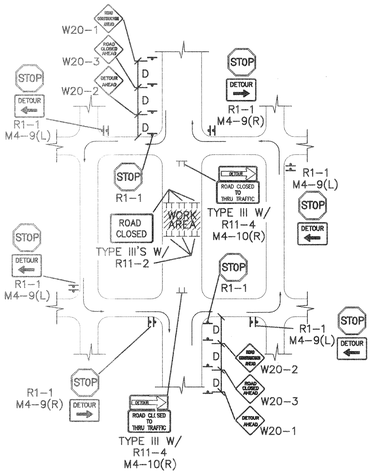
NOTE: (R1-1) BASED ON FIELD CONDITIONS.

NOTE:
MAY REQUIRE LEFT LANE CLOSURE DEPENDING ON FIELD CONDITIONS.



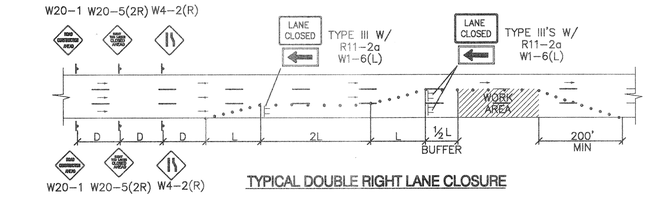
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION.

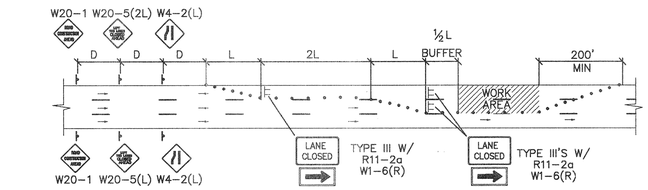


TYPICAL MID-BLOCK CLOSURE

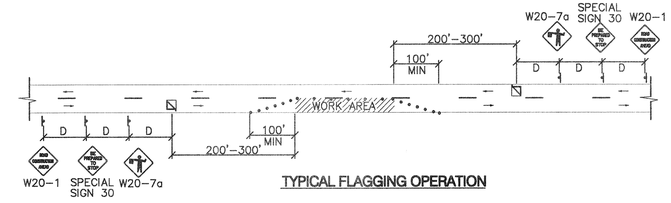
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



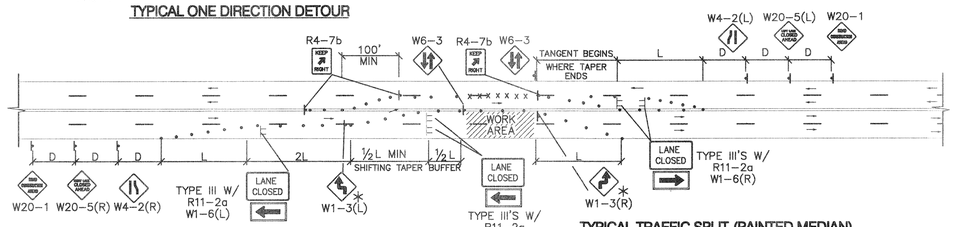
TYPICAL DOUBLE RIGHT LANE CLOSURE



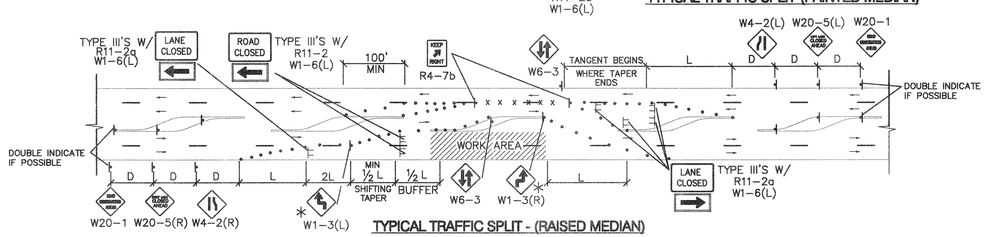
TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



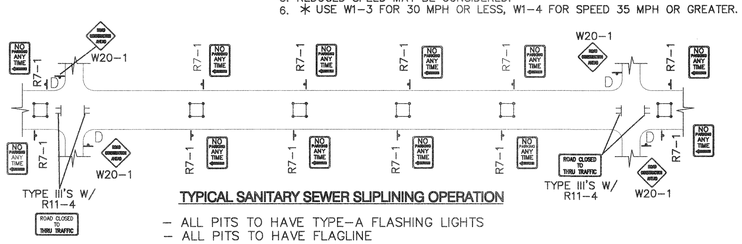
TYPICAL TRAFFIC SPLIT-(PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT - (RAISED MEDIAN)

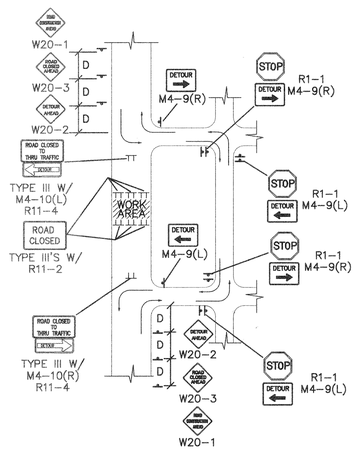
TRAFFIC SPLIT NOTES:

1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
2. 1/2 L IS THE MINIMUM DISTANCE FOR SHIFTING TAPERS.
3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 L OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLITS.
5. REDUCED SPEED MAY BE CONSIDERED.
6. * USE W1-3 FOR 30 MPH OR LESS, W1-4 FOR SPEED 35 MPH OR GREATER.



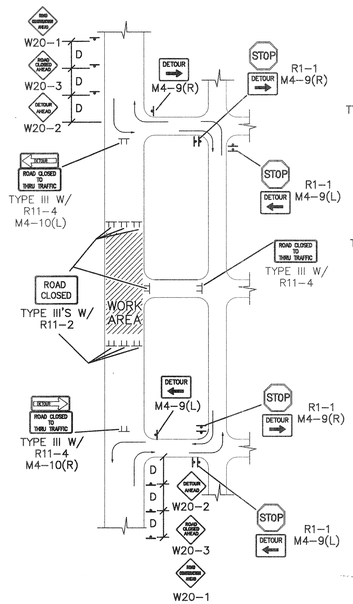
TYPICAL SANITARY SEWER SLIPLINING OPERATION

- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS
- ALL PITS TO HAVE FLAGLINE



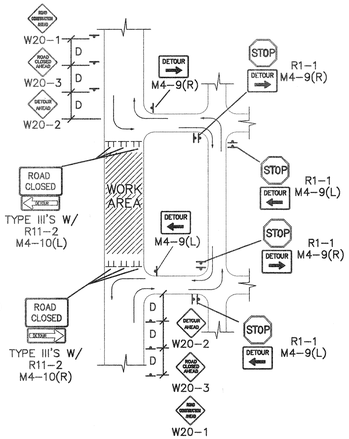
TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

GENERAL NOTE:

ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF 36" THIRTY SIX INCHES BY 36" THIRTY SIX INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.

AS-BUILT INFORMATION
CONTRACTOR Franciscus DATE 01
WORK STAKED BY ALS DATE 01
INSPECTOR'S FIELD VERIFICATION BY RBC DATE 11/01
FIELD VERIFICATION BY ALS DATE 01
DRAWINGS CORRECTED BY ALS DATE 11/01
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BENCH MARKS
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CURB.
Elevation= 5233.928

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
REGISTERED PROFESSIONAL ENGINEER 10596

No.	Date	REMARKS	By
		REVISIONS	
		DESIGN	

Designed By: EES DATE: 11/00
Drawn By: KSH DATE: 11/00
Checked By: RLB DATE: 11/00

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
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TIMARRON WEST UNIT 3 SUBDIVISION
TYPICAL TRAFFIC CONTROL
& SIGNING EXAMPLES (REF MUTCD)

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

City Project No.	Zone Map No.	Sheet	Of
651681	L8-M8	32	32

SCANNED BY MESA REPRO

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BHI JOB NO. 99470

Date: November, 2000