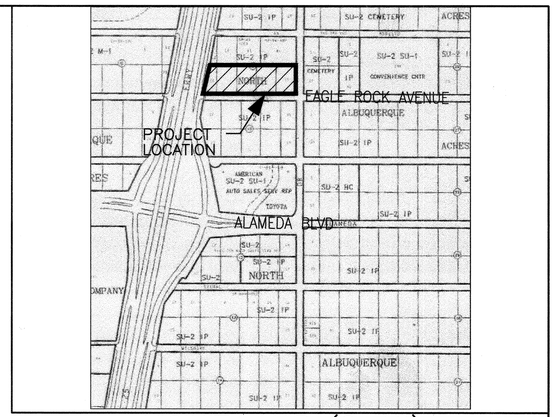
26-72415-812-091

# CONSTRUCTION PLANS
# FOR
# CORLEY'S ALBUQUERQUE NEW LINCOLN MERCURY VOLVO DEALERSHIP
## ALBUQUERQUE, NEW MEXICO




VICINITY MAP (C-18)

NORTH

INDEX



CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

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 ENGINEER.

__ SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED

__ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

X ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

__ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGE AFTER APPROVAL BY THE CITY ENGINEER OR WORK COMPLETED BY THE CONTRACTOR.

### GENERAL NOTES
### NOTICE TO CONTRACTORS

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7, INCLUDING AMENDMENT No. 1.
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) AND DETERMINE LOCATION OF EXISTING UTILITIES.
3. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTION. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
4. ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC. WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION; CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
7. THE WATER AUTHORITY WILL BE NOTIFIED BY THE CONTRACTOR SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER FACILITIES, CONTACT THE WATER AUTHORITY AT 857-8200.
8. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
9. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY COA.
10. ADJUST ALL VALVE CANS AND MANHOLE RIM COVERS TO FINAL GRADE.
11. FOR ALL WORK WITHIN PAN AMERICAN FRONTAGE ROAD SEE ADDITIONAL GENERAL NOTES ON SHEET 10 FOR NMDOT REQUIREMENTS.
12. CONTRACTOR TO OBTAIN TRAFFIC CONTROL PERMIT FROM NMDOT FOR ANY WORK TO BE DONE IN NMDOT RIGHT-OF-WAY. PERMIT MAY BE OBTAINED BY CALLING 841-2700.

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 05/23/09


APPLIED Engineering & Suveying, Inc.
1605 BLAIR DRIVE NE
ALBUQUERQUE, NEW MEXICO 87112
PHONE (505)237-1456


### RECORD DRAWINGS

I, Gilbert Aldaz of the firm of Applied Engineering & Surveying, Inc., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer, that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This certification is based on site inspections by me or personnel under my direction.

12-21-08

THE SUBJECT PROPERTY IS LOCATED NEAR A FORMER LANDFILL. DUE TO THE SUBJECT PROPERTY BEING NEAR A FORMER LANDFILL CERTAIN PRECAUTIONARY MEASURES MAY NEED TO BE TAKE TO ENSURE THE HEALTH AND SAFETY OF THE PUBLIC. RECOMMENDATIONS MADE BY A PROFESSIONAL ENGINEER WITH EXPERTISE IN LANDFILLS AND LANDFILL GAS ISSUES (AS REQUIRED BY THE MOST CURRENT VERSION OF THE INTERIM GUIDELINES FOR DEVELOPMENT WITHIN CITY. DESIGNATED LANDFILL BUFFER ZONES) SHALL BE CONSULTED PRIOR TO DEVELOPMENT OF THE SITE.

Suzanne Rausch 4-28-2008
CITY OF ALBUQUERQUE ENVIRONMENTAL HEALTH DEPT. DATE

DRB – 1006505

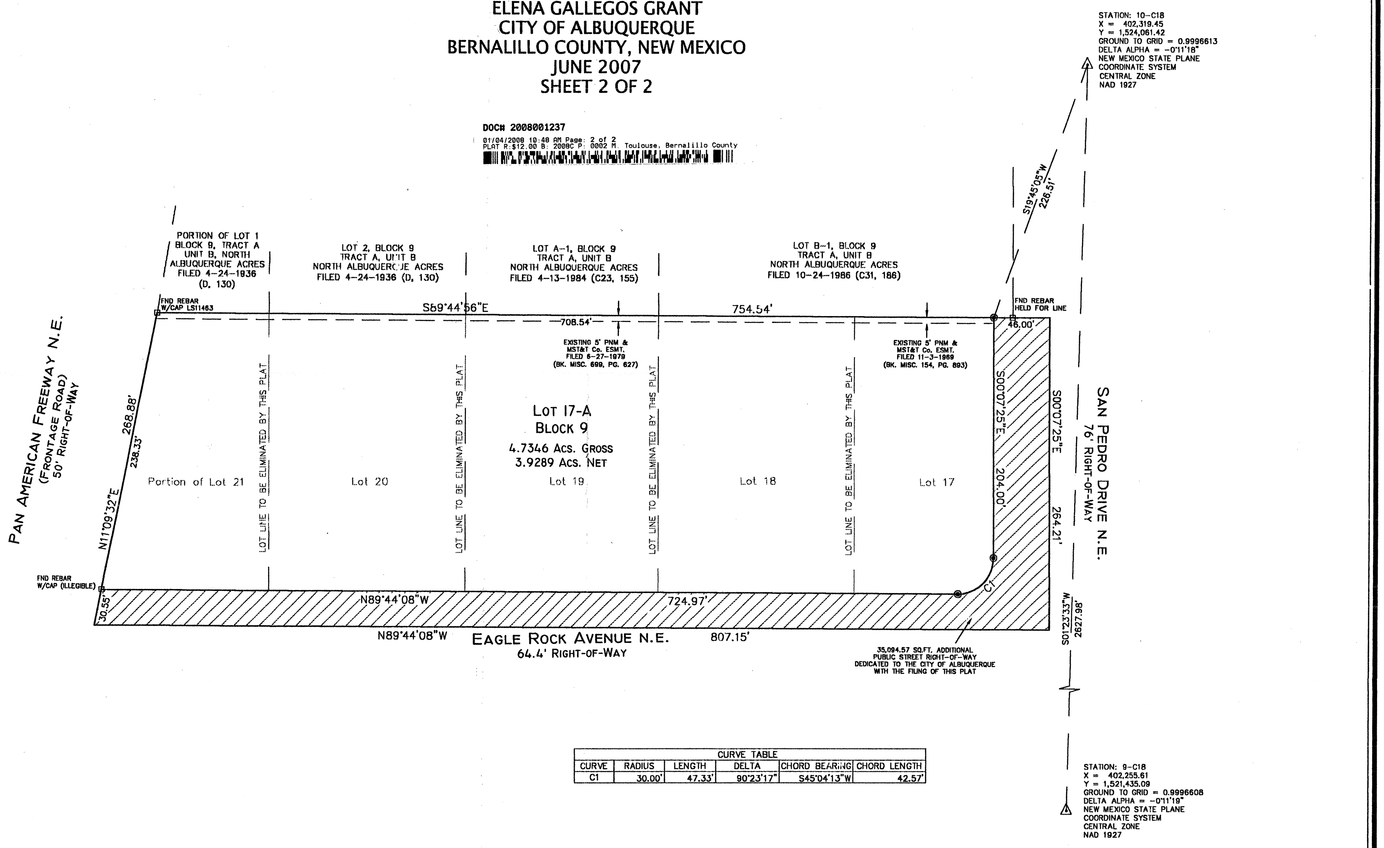
| REV. | SHEETS | CITY ENGINEER | DATE | USER DEPTARTMENT | DATE | USER DEPARTMENT | DATE |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

| ENGINEERS STAMP & SIGNATURE | APPROVALS | ENGINEER | DATE | * * * * * * * * * * * * |
|---|---|---|---|---|
| 04-17-08 | DRC Chairman | S Woodall | 5/15/08 | APPROVED FOR CONSTRUCTION |
| | Transportation | | 4/9/08 | |
| | Water/Wastewater | | 4-28-08 | |
| | Hydrology | Bradley L Bingham | 4/23/08 | City Engineer Date 6-04-08 |
| | Parks | | | |
| | Constr. Mngmt. | | | |
| | AEHD | | | |
| | CITY PROJECT No. 724582 | | | Sheet 1 Of 15 |

# PLAT OF
## LOT 17-A, BLOCK 9
## TRACT A, UNIT B, NORTH ALBUQUERQUE ACRES
PROJECTED SECTION 13, T. 11 N., R. 3 E., N.M.P.M.
ELENA GALLEGOS GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JUNE 2007
SHEET 2 OF 2

SCALE: 1" = 60'

DOC# 2008001237
01/04/2008 10:49 AM Page: 2 of 2
PLAT R-312.00 B: 2008C P: 0002 M: Toulouse, Bernalillo County




| CURVE TABLE | | | | | |
|---|---|---|---|---|---|
| CURVE | RADIUS | LENGTH | DELTA | CHORD BEARING | CHORD LENGTH |
| C1 | 30.00' | 47.33' | 90°23'17" | S45°04'13"W | 42.57' |

MONUMENT LEGEND

- △ – FOUND CONTROL STATION AS NOTED
- ⊟ – FOUND MONUMENT AS NOTED
- ● – SET 1/2" REBAR W/RED PLASTIC CAP STAMPED "MWR 11224" UNLESS OTHERWISE NOTED

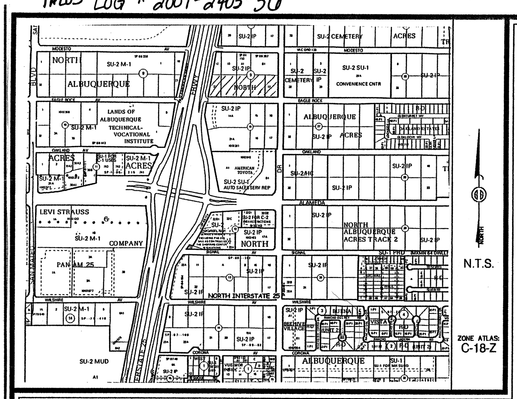
1" = 60'
PROJECT NO. 0706AT02
DRAWN BY: AT
ZONE ATLAS: C-18-Z
CORLYTP0.CR5


SURVEYS SOUTHWEST LTD.
333 LOMAS BLVD., N.E.
ALBUQUERQUE, NEW MEXICO
87102
PHONE: (505) 998-0303
FAX: (505) 998-0306


T11N R3E SEC. 13

SCANNED BY PLANNING

TMDS LOG # 2007-2405-56




Vicinity Map

# PLAT OF
## LOT 17-A, BLOCK 9
## TRACT A, UNIT B, NORTH ALBUQUERQUE ACRES
PROJECTED SECTION 13, T. 11 N., R. 3 E., N.M.P.M.
ELENA GALLEGOS GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JUNE 2007
SHEET 1 OF 2

DOC# 2008001237
01/04/2008 10:49 AM Page: 1 of 2
PLAT R-312.00 B: 2008C P: 0001 M: Toulouse, Bernalillo County

### LEGAL DESCRIPTION

A certain tract of land being and comprising of Lots numbered Seventeen (17), Eighteen (18), Nineteen (19), Twenty (20) and portion of Twenty-one (21) in Block numbered Nine (9) of TractA, Unit B, NORTH ALBUQUERQUE ACRES, as the same is shown and designated on said plat, thereof filed in the office of the County Clerk of Bernalillo County, New Mexico on April 24, 1936 in Volume D, folio 130 and being more particularly described as follows:

BEGINNING at Albuquerque City Control Station 10-C18 having New Mexico State Plane Central Zone NAD 1927 coordinates of X= 402,319.45, Y= 1,524.061.42, a Ground to Grid factor of 0.9996613, a Delta Alpha of -00° 11' 18"; Thence S 19° 45' 05" E , a distance of 226.51 feet to the POINT OF BEGINNING on the northerly property line of said tract; Thence S 89° 44' 56" E , a distance of 46.00 feet to the northeast corner of said tract; Thence S 00° 07' 25" E., a distance of 264.21 feet to the southeast corner of said tract; Thence N 89° 44' 08" W., a distance of 807.15 feet to the southwest corner of said tract; Thence N 11° 09' 32" E., a distance of 268.88 feet to the northwest corner of said tract; Thence S 89° 44' 56" E., a distance of 708.54 feet to the POINT OF BEGINNING and containing 4.7346 more or less.

### DISCLOSURE STATEMENT

THE PURPOSE OF THIS PLAT IS TO CONSOLIDATE FIVE (5) EXISTING LOTS INTO ONE (1) NEW LOT AND TO DEDICATE ADDITIONAL STREET RIGHT-OF-WAY.

CITY APPROVALS: PROJECT NO.: 1006505 APPLICATION NO. 07DRB-70055

| | |
|---|---|
| | 6-12-07 |
| CITY SURVEYOR | DATE |
| | 1-2-08 |
| TRAFFIC ENGINEERING | DATE |
| Christina Sandoval | 1/2/08 |
| PARKS & RECREATION DEPARTMENT | DATE |
| Robert Green | 1-2-08 |
| ~~WATER UTILITIES DEPARTMENT~~ ABCWUA | DATE |
| Bradley S. Bingham | 1/2/08 |
| A.M.A.F.C.A. | DATE |
| Bradley S. Bingham | 1/2/08 |
| CITY ENGINEER | DATE |
| | 1/2/08 |
| DRB CHAIRPERSON, PLANNING DEPARTMENT | DATE |

### FREE CONSENT

THE UNDERSIGNED OWNER(S) AND PROPRIETOR(S) OF THE PROPERTY DESCRIBED HEREON DO HEREBY CONSENT TO THE PLATTING OF SAID PROPERTY AS SHOWN HEREON AND THE SAME IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THEIR DESIRES AND SAID OWNERS WARRANT THAT THEY HOLD COMPLETE AND INDEFEASIBLE TITLE IN FEE SIMPLE TO THE LAND SUBDIVIDED AND DO HEREBY DEDICATE ADDITIONAL STREET RIGHT-OF-WAY TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE.

OWNER(S) SIGNATURE: Eddie B. Corley Jr. DATE: 6/12/07
OWNER(S) PRINT NAME: Owner - EDDIE B Corley Jr
ADDRESS: TRACT:
ACKNOWLEDGMENT
STATE OF NEW MEXICO )
).SS
COUNTY OF BERNALILLO )

OFFICIAL SEAL
Sarah Amato
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 10/10/09

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 12TH DAY OF JUNE, 2007.
BY: EDDIE B. CORLEY, JR.
MY COMMISSION EXPIRES: 10/10/09
Sarah Amato
NOTARY PUBLIC

### SURVEYOR'S CERTIFICATION

I, Mitchell W. Reynolds, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat and description were prepared by me or under my supervision, shows all easements as shown on the plat of record or made known to me by the owners and/or proprietors of the subdivision shown hereon, utility companies and other parties expressing an interest and meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and further meets the Minimum Standards for Land Surveying in the State of New Mexico and is true and correct to the best of my knowledge and belief.

Mitchell W. Reynolds 06-12-07
Mitchell W. Reynolds — Date
New Mexico Professional Surveyor, 11224

MITCHELL W. REYNOLDS NEW MEXICO 11224 LICENSED PROFESSIONAL SURVEYOR

### SUBDIVISION DATA / NOTES

1. PLAT WAS COMPILED USING EXISTING RECORD DATA & ACTUAL FIELD SURVEY.
2. BEARINGS ARE NEW MEXICO STATE PLANE GRID BEARINGS, CENTRAL ZONE, NAD 1927, AND ARE BASED ON ACS CONTROL MONUMENTS 9-C18 AND 10-C18, AS SHOWN HEREON.
3. DISTANCES ARE GROUND DISTANCES.
4. PLAT SHOWS ALL EASEMENTS OF RECORD.
5. GROSS AREA: 4.7346 ACRES
6. NUMBER OF EXISTING LOTS: 4 AND A PORTION OF 1
7. NUMBER OF LOTS CREATED: 1
8. PROPERTY IS ZONED: SU-2/IP

**NO PROPERTY WITHIN THE AREA OF REQUESTED FINAL ACTION SHALL AT ANY TIME BE SUBJECT TO A DEED RESTRICTION, COVENANT, OR BINDING AGREEMENT PROHIBITING SOLAR COLLECTORS FROM BEING INSTALLED ON BUILDINGS OR ERECTED ON THE LOTS OR PARCELS WITHIN THE AREA OF PROPOSED PLAT. THE FOREGOING REQUIREMENT SHALL BE A CONDITION TO APPROVAL OF THIS PLAT OR SITE DEVELOPMENT PLAN FOR SUBDIVISION.**

THIS IS TO CERTIFY THAT TAXES ARE CURRENT & PAID ON
UPC#: 101806425242021006
PROPERTY OWNER OF RECORD:
BERNALILLO COUNTY TREASURER'S OFFICE: 1-4-08

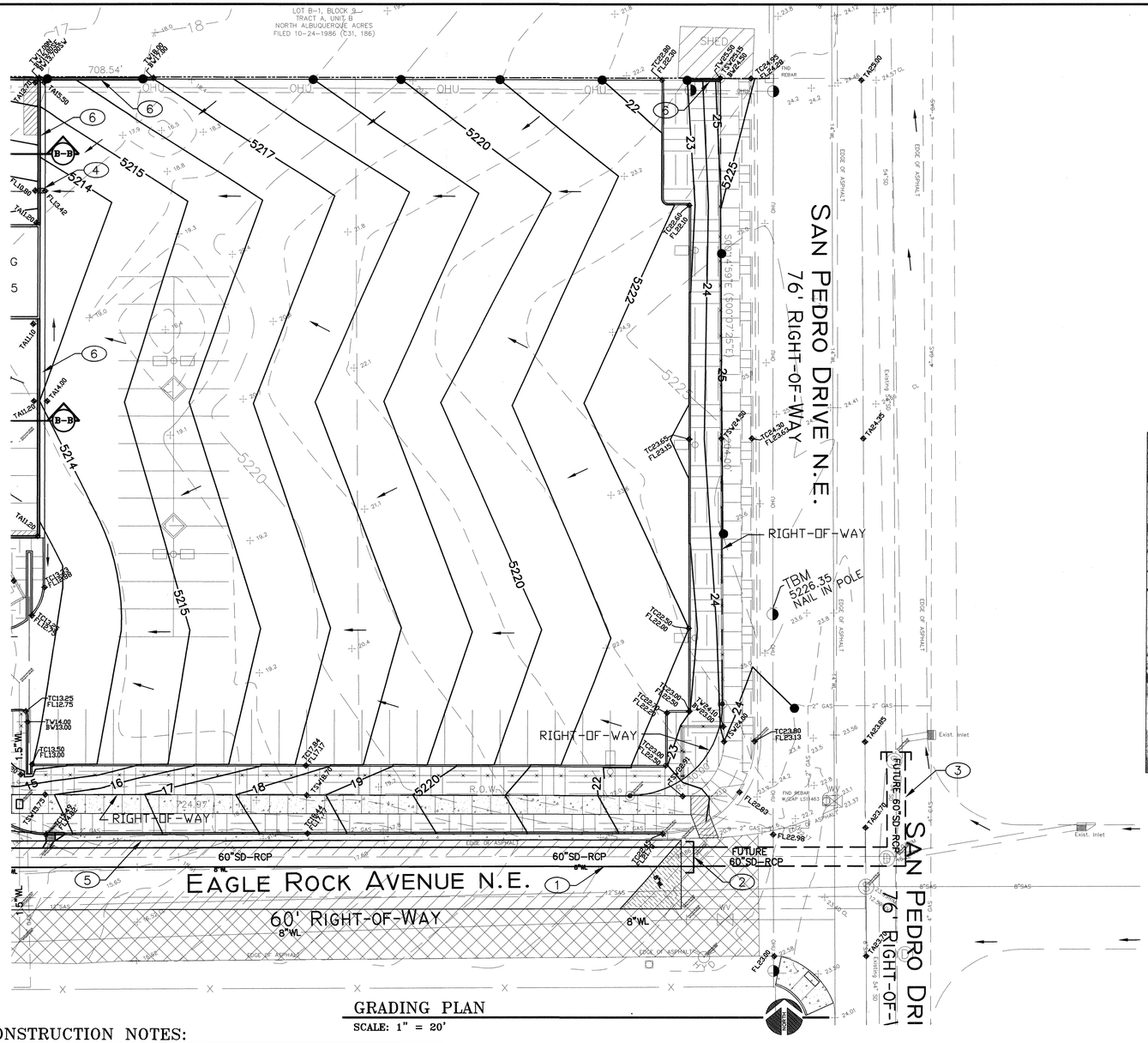
1" = 60'
PROJECT NO. 0706AT02
DRAWN BY: AT
ZONE ATLAS: C-18-Z
CORYTP0.CR5


SURVEYS SOUTHWEST LTD.
333 LOMAS BLVD., N.E.
ALBUQUERQUE, NEW MEXICO
87102
PHONE: (505) 998-0303
FAX: (505) 998-0306


T11N R3E SEC. 13

SURVEY PLAT MAPS | City Project No. 724582 | Zone Map No. C-18 | Sheet 2 Of 15

SCANNED BY PLANNING

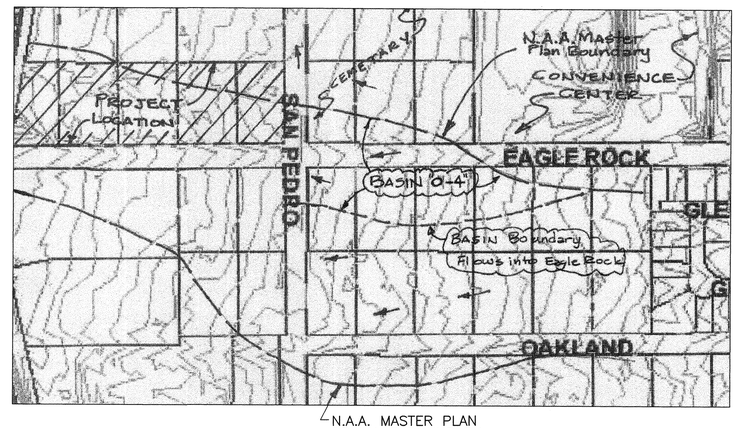



## GRADING PLAN

SCALE: 1" = 20'

## EROSION CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.
5. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.




N.A.A. MASTER PLAN DRAINAGE BOUNDARY

## EXHIBIT "A" – BASIN 0-4

SCALE: 1"=200' – MAP BOUNDARY FOR FLOWS EAST OF SAN PEDRO BLVD ON EAGLE ROCK AVE.

## CONSTRUCTION NOTES:

1. INSTALL APPROXIMATELY 270LF OF 60"RCP WITH THIS PROJECT.
2. CAP 60" STORMDRAIN
3. FUTURE STORMDRAIN.
4. INSTALL 1.67' WIDE BY 8" DEEP OPENING IN RETAINING WALL.
5. INSTALL CITY STANDARD CURB AND GUTTER PER CITY STANDARD DRAWING 2415A.
6. INSTALL RETAINING WALL, HEIGHT VARIES, SEE SHEET 4 OF 5 FOR DETAILS.

**NOTE: ALL WORK IN THE RIGHT OF WAY IS TO BE BUILT UNDER A SEPARATE WORK ORDER.**

UTILITY PRECAUTIONS

THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.

## LEGEND

| | | | |
|---|---|---|---|
| | NEW CONTOUR GRADE | | NEW GRADE BREAK |
| 5362 | EXISTING CONTOUR GRADE | 59.54 | EXISTING GRADE ELEVATION |
| | DRAINAGE FLOW DIRECTION | GR56.0 | NEW GRADE ELEVATION |
| TC62.50 | NEW TOP OF CURB ELEVATION | FL55.3 | FLOWLINE GRADE ELEVATION |
| FL62.00 | NEW FLOWLINE OF CURB ELEVATION | TW95.1 | NEW TOP OF WALL ELEVATION |
| TA60.11 | NEW TOP OF ASPHALT ELEVATION | BW93.1 | NEW BOTTOM OF WALL ELEVATION |
| TSW61.87 | NEW TOP OF SIDEWALK ELEVATION | TOC93.1 | NEW TOP OF CONCRETE ELEVATION |
| | DRAINAGE SWALE | | |

GRAPHIC SCALE

20 0 20 40

( IN FEET )
1 inch = 20ft.

**APPLIED ENGINEERING AND SURVEYING, INC.**
**ENGINEERS AND PLANNERS**
1405 Bidal Drive NE, Albuquerque, New Mexico 87112
Office: (505) 237-1456 Facsimile: (505) 237-1456

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **GRADING PLAN – EAST HALF CORLEY'S ALBUQUERQUE**

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| FOR INFORMATION ONLY | | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 724582 | C-18 | 3 | 15 |

AS BUILT INFORMATION
CONTRACTOR: A.D.C. Contracting DATE: 1/08
WORK STAKED BY: Terra Land Surveys DATE: 1/08
INSPECTOR'S ACCEPTANCE BY: Applied Engr. DATE: 1/08
FIELD VERIFICATION BY: Applied Engr. DATE: 11/08
DRAWINGS CORRECTED BY: Applied Engr. DATE: 11/08
MICRO-FILM INFORMATION
RECORDED BY: DATE:
NO.

BENCH MARKS
THE BASIS OF ELEVATIONS FOR THIS SURVEY IS ACS BENCHMARK 10-C18. THE PUBLISHED ELEVATION OF WHICH IS 5222.09, NAVD88. BENCHMARK IS LOCATED ON THE EAST RIGHT-OF-WAY OF SAN PEDRO BLVD. NE, 48' SOUTH OF THE CENTERLINE OF MODESTO AVENUE NE AT ITS INTERSECTION WITH SAN PEDRO BLVD.

SURVEY INFORMATION
FIELD NOTES

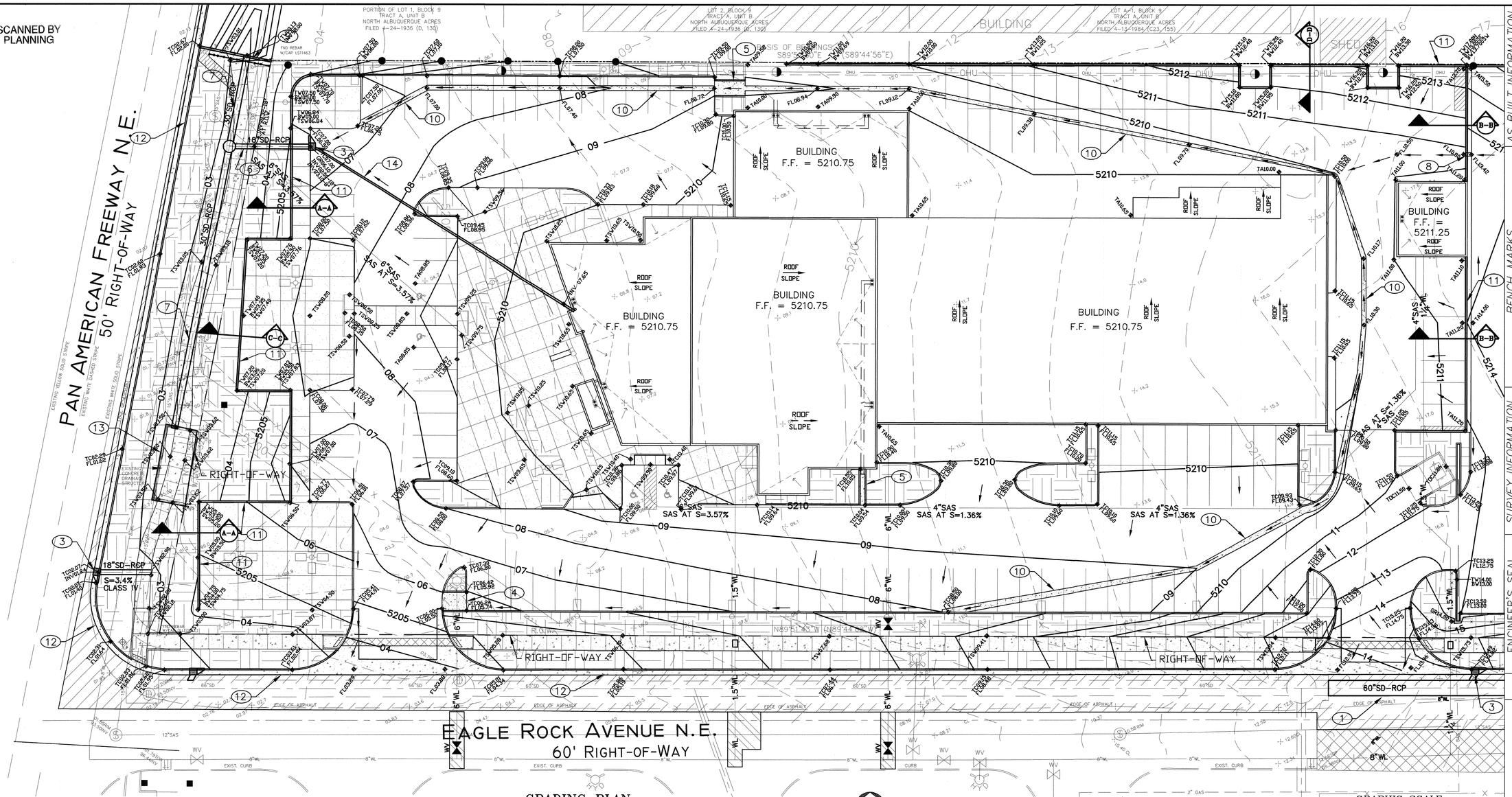
| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

SCANNED BY PLANNING




## CONSTRUCTION NOTES:

1. INSTALL APPROXIMATELY 270LF OF 60"RCP WITH THIS PROJECT.
2. INSTALL 8" ROOF DRAIN PIPE AT 4% SLOPE, CONNECT FROM INLET INTO DOWNSPOUT ROOF LEADER, SEE MECHANICAL DRAWINGS FOR LOCATION OF TIE IN.
3. INSTALL STORM INLETS TYPE "A" PER CITY STANDARD DRAWING 2201.
4. INSTALL 7.5' WIDE BY 6" DEEP CONCRETE CHANNEL PER CITY STANDARD DRAWING 2260.
5. INSTALL 6.0' WIDE BY 6" DEEP CONCRETE CHANNEL PER CITY STANDARD DRAWING 2260.
6. INSTALL 30LF OF 18"RCP AT SLOPE = -16%
7. INSTALL 154LF OF 30"RCP
8. INSTALL 1.67' WIDE BY 8" DEEP OPENING IN RETAINING WALL.

## GRADING PLAN

SCALE: 1" = 20'

9. INSTALL HEADWALL PER NMSHTD STANDARD DRAWING __
10. INSTALL 2' WIDE ALLEY GUTTER PER CITY STANDARD DRAWING 2415A.
11. INSTALL RETAINING WALL, HEIGHT VARIES, SEE SHEET 4 OF 5 FOR DETAILS.
12. INSTALL CITY STANDARD CURB AND GUTTER PER CITY STANDARD DRAWING 2415A.
13. INSTALL COVER ON EXISTING DRAINAGE STRUCTURE, SEE STRUCTURAL DRAWINGS FOR DETAILS.
14. INSTALL 8" STORM DRAIN AT 3.9% SLOPE 3' OF COVER. STROM DRAIN FROM 5' OF BUILDING EDGE AND CONNECT INTO EXISTING INLET.

**NOTE: ALL WORK IN THE RIGHT OF WAY IS TO BE BUILT UNDER A SEPARATE WORK ORDER.**

### UTILITY PRECAUTIONS

THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.

### LEGEND

| | | | |
|---|---|---|---|
| | NEW CONTOUR GRADE | | NEW GRADE BREAK |
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GRAPHIC SCALE

20 0 20 40

( IN FEET )
1 inch = 20ft.

**APPLIED ENGINEERING AND SURVEYING, INC.**
**ENGINEERS AND PLANNERS**
1905 Bluff Drive NE Office: (505) 237-1456
Albuquerque, New Mexico 87112 Facsimile: (505) 237-1456

AS BUILT INFORMATION

| | | |
|---|---|---|
| CONTRACTOR | Contracting | DATE 1/08 |
| WORK STAKED BY | Kerco Land Surveyors | DATE 1/08 |
| INSPECTOR'S ACCEPTANCE BY | Applied Engr | DATE 1/08 |
| FINAL VERIFICATION BY | Applied Engr | DATE 1/08 |
| DRAWINGS CORRECTED BY | Applied Engr | DATE 1/08 |

MICRO-FILM INFORMATION

| | |
|---|---|
| RECORDED BY | DATE |
| NO. | |

BENCH MARKS

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SURVEY INFORMATION

FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

LICENSED PROFESSIONAL ENGINEER 09 STATE OF NEW MEXICO 12-17-08 REGISTERED PROFESSIONAL ENGINEER

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

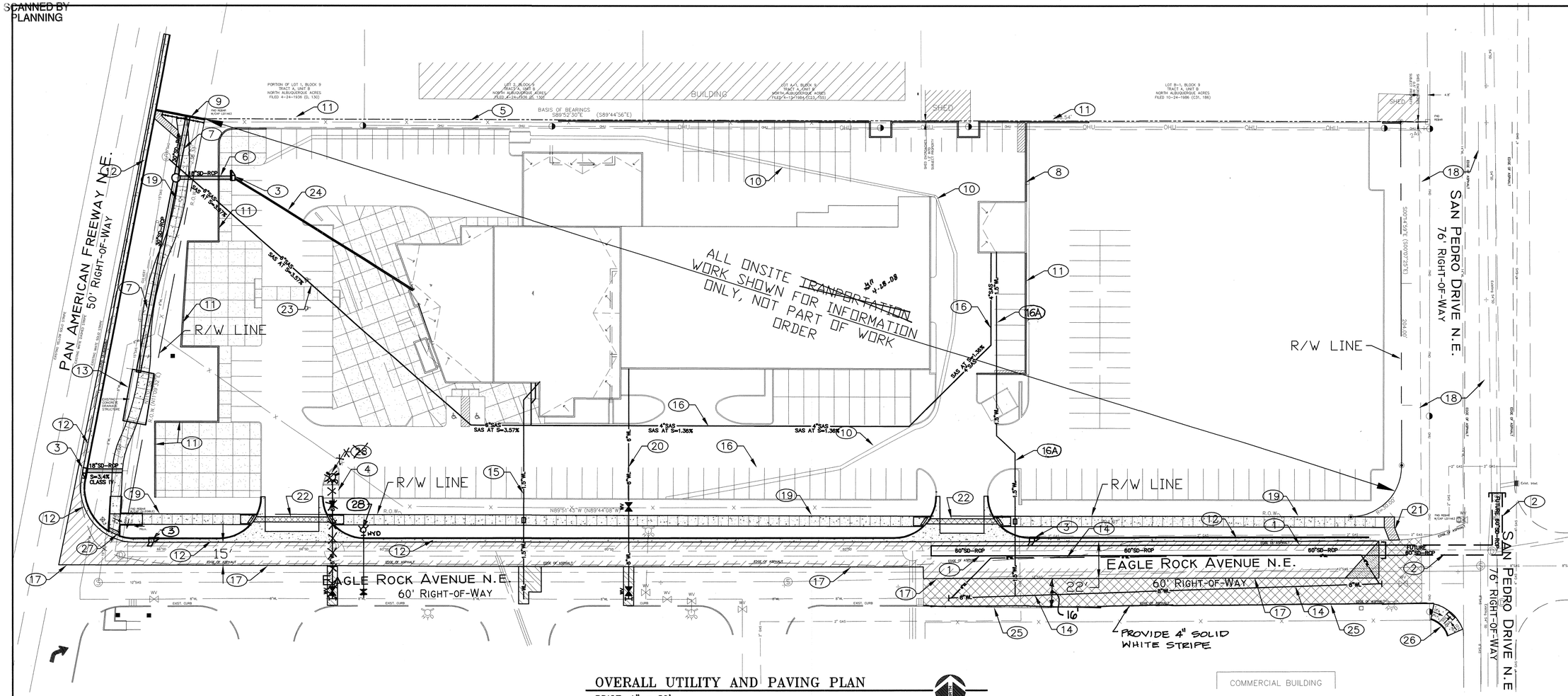
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **GRADING PLAN – WEST HALF CORLEY'S ALBUQUERQUE**

| Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr. |
|---|---|---|---|---|
| FOR INFORMATION ONLY | | | | |

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 724582 | C-18 | 4 | 15 |

SCANNED BY PLANNING




## OVERALL UTILITY AND PAVING PLAN

SCALE: 1" = 30'

## CONSTRUCTION NOTES:

1. INSTALL APPROXIMATELY 270LF OF 60"RCP WITH THIS PROJECT.
2. FINANCIALLY GUARANTY WITH CITY APPROXIMATELY 100LF OF 60" RCP WITH THIS PROJECT.
3. INSTALL STORM INLETS TYPE "A" PER CITY STANDARD DRAWING 2201, INLET GRATES PER 2220.
4. INSTALL 6.5' WIDE BY 6" DEEP CONCRETE CHANNEL PER CITY STANDARD DRAWING 2260.
5. INSTALL 2.5' WIDE BY 12" DEEP CONCRETE CHANNEL PER CITY STANDARD DRAWING 2260.
6. INSTALL 30LF OF 18"RCP
7. INSTALL 154LF OF 30"RCP
8. INSTALL 1.67' WIDE BY 8" DEEP OPENING IN RETAINING WALL.
9. INSTALL HEADWALL PER NMDOT STANDARD DETAIL 511-03-1/1.
10. INSTALL 2' WIDE ALLEY GUTTER PER CITY STANDARD DRAWING 2415A. (NOT PART OF WORK ORDER)
11. INSTALL RETAINING WALL, HEIGHT VARIES, SEE STRUCTURAL DRAWINGS FOR DETAILS.
12. INSTALL CITY STANDARD CURB AND GUTTER PER CITY STD. DWG. 2415A.
13. INSTALL COVER ON EXISTING DRAINAGE STRUCTURE, SEE STRUCTURAL DRAWINGS FOR DETAILS.
14. RELOCATE 8" WATERLINE DUE TO CONFLICT WITH NEW STORM DRAIN LINE AND REMOVE EXISTING 8" WATERLINE COMPLETELY.
15. INSTALL 1-1/2" WATERLINE (PRIVATE) WITH 1.-1/2" WATER METER.
16. INSTALL 4" SEWERLINE AND CLEANOUTS PER INTERNATIONAL PLUMBING CODE REQUIREMENTS (PRIVATE)

16A. INSTALL 1-1/4" WATERLINE (PRIVATE) WITH 1-0" WATER METER.

17. INSTALL ½ STREET SECTION OF EAGLE ROCK AVENUE PER CITY STANDARDS AND PER SECTIONS ON SHEET 11.
18. INSTALL ½ STREET SECTION OF SAN PEDRO BOULEVARD PER CITY STANDARDS. (FUTURE DESIGN AND CONSTRUCTION - NOT PART OF THIS PROJECT)
19. INSTALL 6' WIDE CONCRETE SIDEWALK PER CITY STD. DWG. 2430.
20. INSTALL 6" FIRELINE WATERLINE (PRIVATE).
21. INSTALL 6' WIDE ASPHALT PATH FROM EDGE OF NEW SIDEWALK TO EDGE OF EXISTING ASPHALT PAVING.
22. PROVIDE 3' WIDE AT 2% CROSS SLOPE BETWEEN HANDICAP RAMPS FOR ADA ACCESS.
23. INSTALL 6" SEWERLINE AND CLEANOUTS PER INTERNATIONAL PLUMBING CODE (PRIVATE).
24. INSTALL 8" STORM DRAIN
25. REMOVE EXISTING ASPHALT PAVEMENT AND REPLACE WITH TEMPORARY ASPHALT PAVEMENT PER SECTION SHOWN ON SHEET 11.
26. ~~INSTALL WHEELCHAIR CURB ACCESS RAMP PER CITY STD. DWG. 2441, CASE II, (WITH TRUNCATED DOMES). NOT REQD. - SEE REVISION No. 2 - INFRASTRUCTURE LIST.~~
27. INSTALL WHEELCHAIR CURB ACCESS RAMP AT THE NORTHEAST CORNER OF PAN AMERICAN FRONTAGE ROAD AND EAGLE ROCK ROAD PER NMDOT SPECIFICATIONS AND DETAIL SHOWN ON SHEET 10.
28. INSTALL FIRE HYDRANT

### UTILITY PRECAUTIONS

*THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND*

GRAPHIC SCALE

20 0 20 40

( IN FEET )
1 inch = 20ft.

AS BUILT INFORMATION
CONTRACTOR: JPD Contracting DATE 12/08
WORK STAKED BY: Cora Land Surveys DATE 12/08
INSPECTOR'S ACCEPTANCE BY: Applied Engr DATE 12/08
VERIFICATION BY: Applied Engr DATE 12/08
REDLINES CORRECTED BY: Applied Engr DATE 12/08
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
THE BASIS OF ELEVATIONS FOR THIS SURVEY IS ACS BENCHMARK 10-C18, THE PUBLISHED ELEVATION OF WHICH IS 5222.09, NAVD88. BENCHMARK IS LOCATED IN THE EAST RIGHT-OF-WAY OF SAN PEDRO BLVD. NE, 48' SOUTH OF THE ENTERLINE OF MODESTO AVENUE NE AT ITS INTERSECTION WITH SAN PEDRO BLVD.

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| 1 | 12/07/08 | HC RAMP NOT REQD BY CITY | GA |

REVISIONS

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

**APPLIED ENGINEERING AND SURVEYING, INC.**
**ENGINEERS AND PLANNERS**
1605 Blair Drive NE, Albuquerque, New Mexico 87112
Office: (505) 237-1406 Facsimile: (505) 237-1406

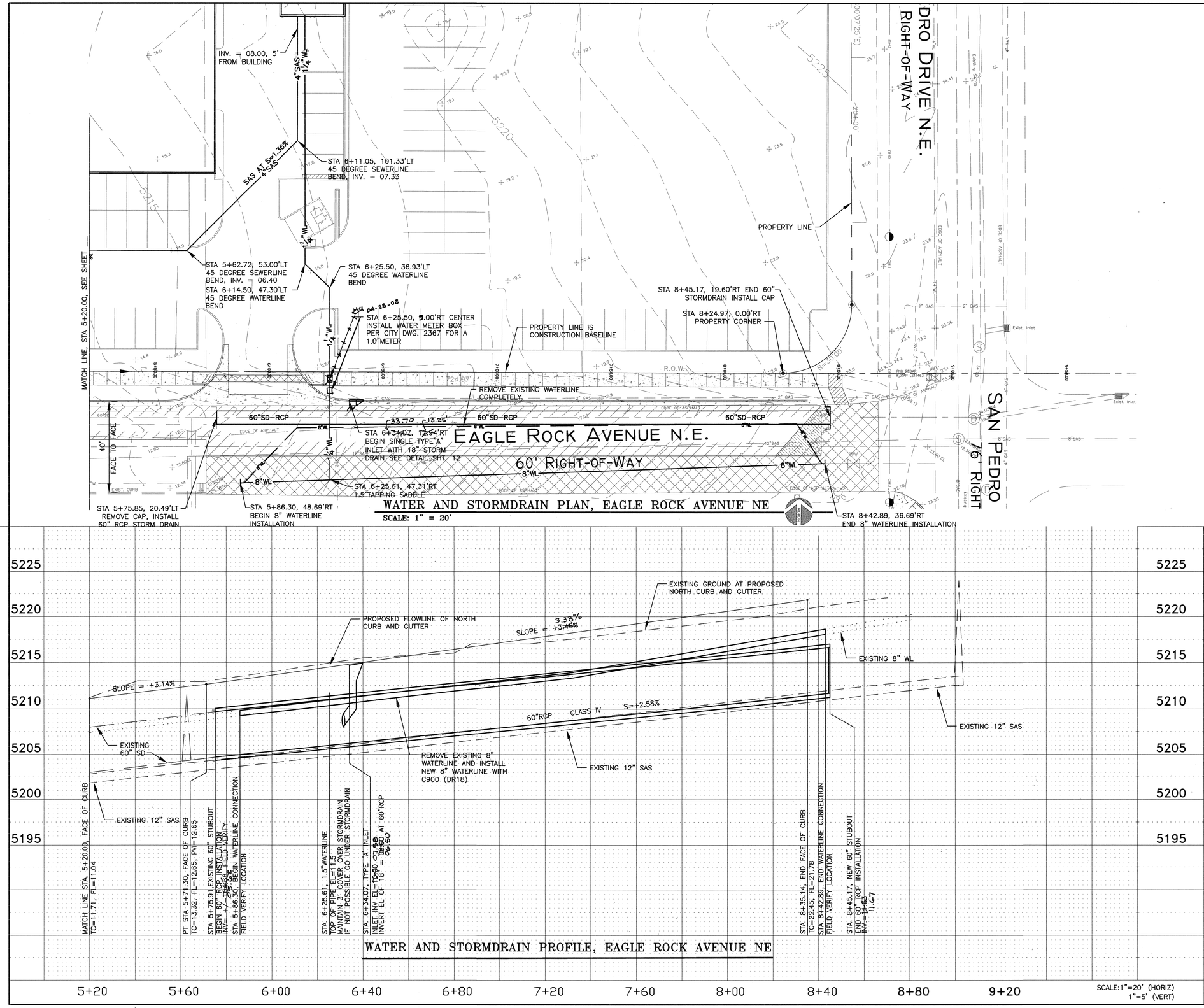
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **OVERALL UTILITY AND PAVING PLAN**
**CORLEY'S ALBUQUERQUE**

Design Review Committee: APPROVED MAY 15 2008 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUN 04 2008 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 724582 | C-18 | 5 | 15 |

SCANNED BY PLANNING




WATER AND STORMDRAIN PLAN, EAGLE ROCK AVENUE NE

SCALE: 1" = 20'

WATER AND STORMDRAIN PROFILE, EAGLE ROCK AVENUE NE

## CONSTRUCTION NOTES:

GRAPHIC SCALE

20 0 10 20 40

( IN FEET )
1 inch = 20 ft.

APPLIED ENGINEERING AND SURVEYING, INC.
ENGINEERS AND PLANNERS
1905 Stoll Drive NE
Office: (505) 237-1456
Albuquerque, New Mexico 87112
Facsimile: (505) 237-1457

AS BUILT INFORMATION
CONTRACTOR J&P Contracting DATE 4/08
STAKED BY Terra Luro Survey DATE 4/08
INSPECTOR'S ACCEPTANCE BY Applied Eng DATE 4/08
FIELD VERIFICATION BY Applied Eng DATE 4/08
DRAWINGS CORRECTED BY Applied Eng DATE 4/08
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
THE BASIS OF ELEVATIONS FOR THIS SURVEY IS ACS BENCHMARK 10-C18, THE PUBLISHED ELEVATION OF WHICH IS 5222.09, NAVD88. BENCHMARK IS LOCATED ON THE EAST RIGHT-OF-WAY OF SAN PEDRO BLVD. NE, 48' SOUTH OF THE ENTERLINE OF MODESTO AVENUE NE AT ITS INTERSECTION WITH SAN PEDRO BLVD.

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE:
# CORLEY'S ALBUQUERQUE
# WATER AND STORMDRAIN, EAGLE ROCK AV NE

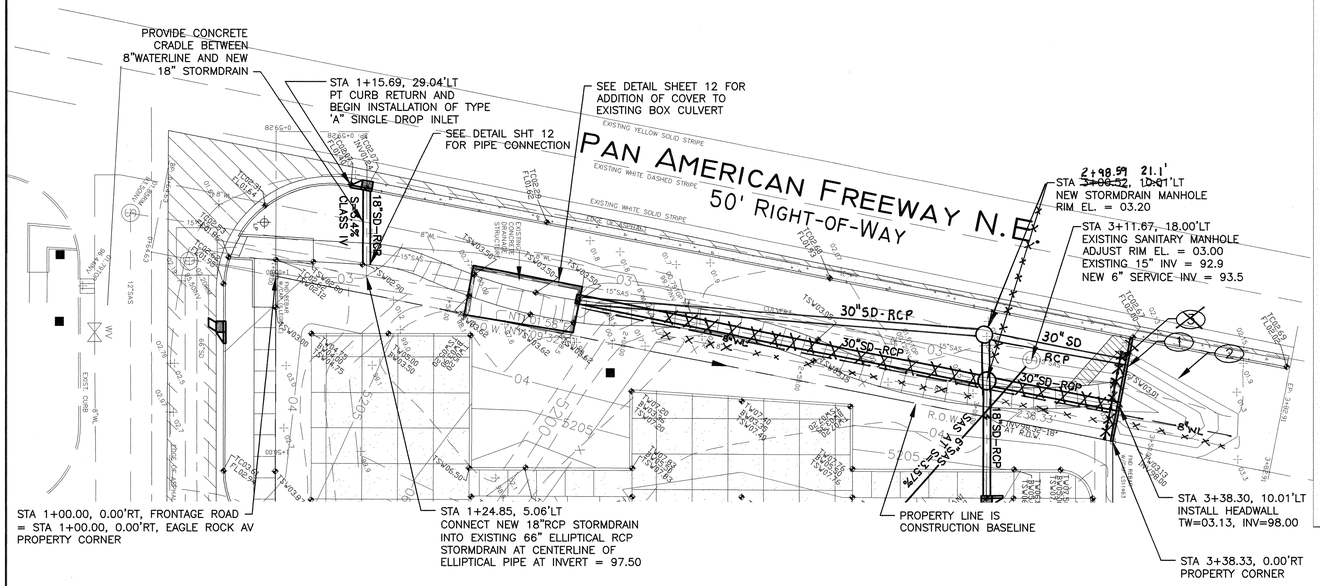
Design Review Committee: APPROVED MAY 15 2008 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED JUN 04 2008 CITY ENGINEER

Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

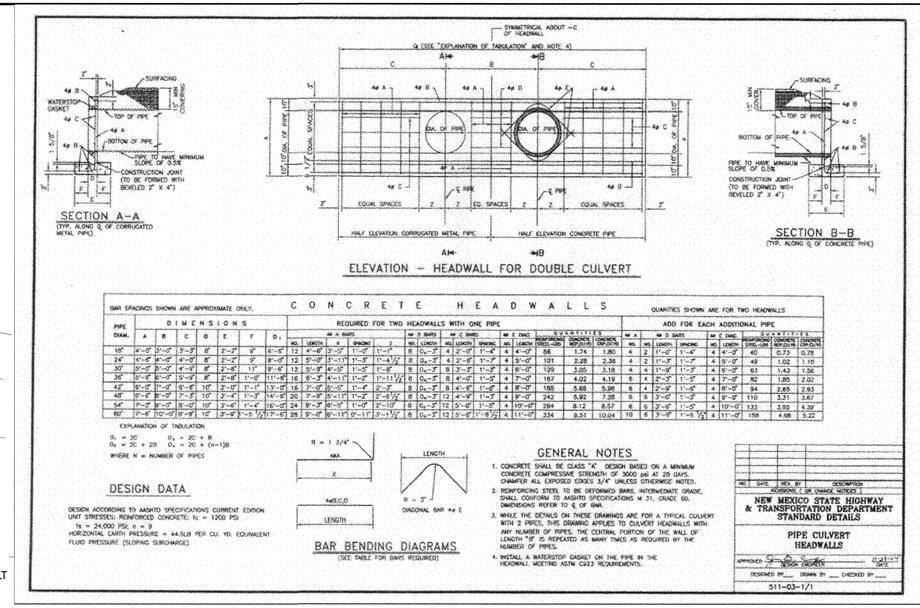
City Project No. 724582 | Zone Map No. C-18 | Sheet 6 Of 15

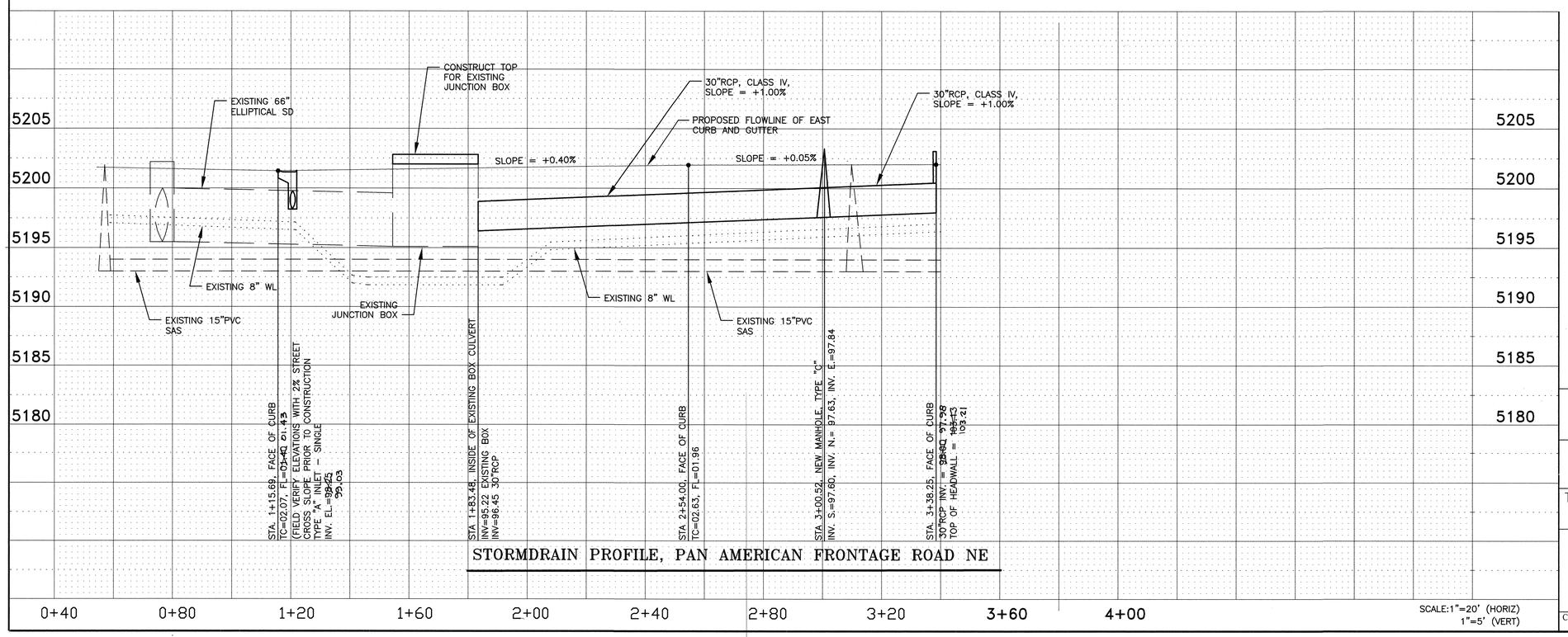
SCANNED BY PLANNING




## STORMDRAIN PLAN, PAN AMERICAN FRONTAGE ROAD NE

SCALE: 1" = 20'




## STORMDRAIN PROFILE, PAN AMERICAN FRONTAGE ROAD NE

## CONSTRUCTION NOTES:

1. CONSTRUCT PIPE CULVERT HEADWALL PER NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT STANDARD DETAILS 511-03-1/1, EXTEND WALL TO BACK OF NEW CURB AND TO EXISTING PROPERTY LINE.
2. ~~GRADE +/- 30 FEET OF EXISTING CHANNEL TO DRAIN INTO INVERT OF NEW 30" STORM DRAIN.~~
3. ~~INSTALL 4' HIGH STANDARD CHAIN LINK FENCE PER CITY OF ALBUQUERQUE STANDARD DRAWING 2252. END 4' FROM BACK OF CURB LINE.~~
2. SEE TEMPORARY STORM DRAIN CONNECTION AND DESILTATION POND ADDED PER NMDOT, SHEET 14 of 15.

GRAPHIC SCALE

20 0 10 20 40

( IN FEET )
1 inch = 20 ft.

APPLIED ENGINEERING AND SURVEYING, INC.
ENGINEERS AND PLANNERS
1805 Blair Drive NE Albuquerque, New Mexico 87112
Office: (505) 3237-1456 Facsimile: (505) 337-1455

AS BUILT INFORMATION
CONTRACTOR: Sfp Contracting DATE: 1/4/08
WORK STAKED BY: Terra Land Surveys DATE: 12/28
INSPECTOR'S ACCEPTANCE BY: Applied Engr DATE: 1/08
VERIFICATION BY: Applied Engr DATE: 1/08
DRAWINGS CORRECTED BY: Applied Engr DATE: 1/08
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
THE BASIS OF ELEVATIONS FOR THIS SURVEY IS ACS BENCHMARK 10-C18, THE PUBLISHED ELEVATION OF WHICH IS 5222.09, NAVD88. BENCHMARK IS LOCATED ON THE EAST RIGHT-OF-WAY OF SAN PEDRO BLVD. NE, 46' SOUTH OF THE ENTERLINE OF MODESTO AVENUE NE AT ITS INTERSECTION WITH SAN PEDRO BLVD.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: CORLEY'S ALBUQUERQUE STORMDRAIN, FRONTAGE ROAD NE

Design Review Committee: APPROVED MAY 15 2008 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUN 04 2008 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 724582 | Zone Map No. C-18 | Sheet 7 Of 15

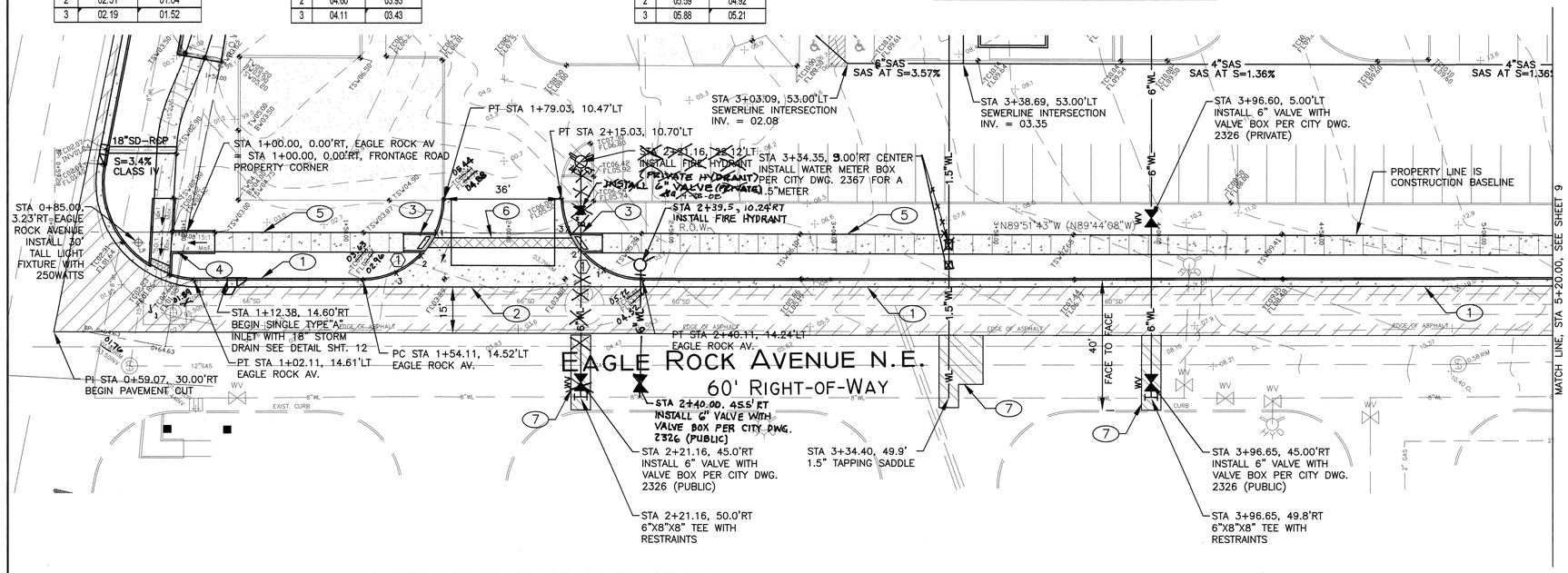
SCANNED BY PLANNING

| QUARTER POINT ELEV. | TC | FL |
|---|---|---|
| 1 | 02.47 | 01.80 |
| 2 | 02.31 | 01.64 |
| 3 | 02.19 | 01.52 |

| QUARTER POINT ELEV. | TC | FL |
|---|---|---|
| 1 | 05.09 | 04.42 |
| 2 | 04.60 | 03.93 |
| 3 | 04.11 | 03.43 |

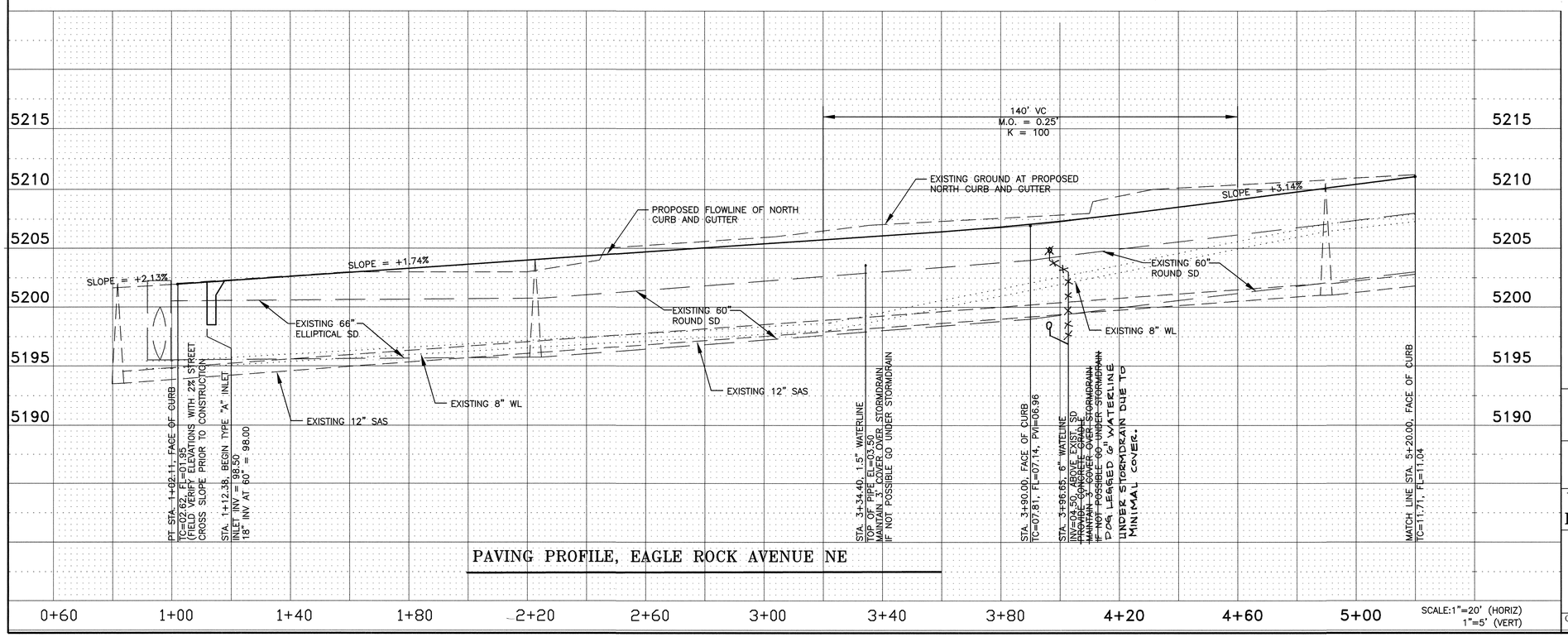
| QUARTER POINT ELEV. | TC | FL |
|---|---|---|
| 1 | 05.30 | 04.63 |
| 2 | 05.59 | 04.92 |
| 3 | 05.88 | 05.21 |

| CURVE TABLE AT FACE OF CURB | | | | |
|---|---|---|---|---|
| NUMBER | RADIUS | DELTA | ARC | TAN |
| 1 | 25.00 | 90°00'00" | 39.27' | - |
| | | | | |




## PAVING PLAN, EAGLE ROCK AVENUE NE

SCALE: 1" = 20'




## PAVING PROFILE, EAGLE ROCK AVENUE NE

## CONSTRUCTION NOTES:

1. CONSTRUCT STANDARD CURB & GUTTER PER COA STD. DWG. 2415A.
2. CONSTRUCT 6' WIDE CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420.
3. CONSTRUCT (WHEELCHAIR) UNIDIRECTIONAL RAMPS PER COA STD. DWG. 2426 WITH THE FOLLOWING TRUNCATED DOMES:
   * DESIGN PER ADA GUIDELINES
   * SUBMIT SPECS TO CITY CONSTRUCTION PRIOR TO CONSTRUCTION.
4. CONSTRUCT (WHEELCHAIR) RAMP PER NMDOT SPECIFICATIONS, SEE DETAIL SHEET 10.
5. CONSTRUCT 6' WIDE SIDEWALK PER SIDEWALK DETAILS PER COA STD. DWG. 2430.
6. PROVIDE 3' WIDE AT 2% CROSS SLOPE BETWEEN HANDICAP RAMPS FOR ADA ACCESS.
7. ALL PAVEMENT CUTS FOR UTILITIES SHALL BE IN ACCORDANCE WITH CITY STD. DWG. 2465 (MAJOR LOCAL).

GRAPHIC SCALE

20 0 10 20 40

( IN FEET )
1 inch = 20 ft.

APPLIED ENGINEERING AND SURVEYING, INC.
ENGINEERS AND PLANNERS
1605 Bluff Drive NE Office: (505) 237-1456
Albuquerque, New Mexico 87112 Facsimile: (505) 237-1456

AS BUILT INFORMATION
CONTRACTOR: Tip Contracting DATE: 7/08
WORK STAKED BY: Terra Land Survey DATE: 7/08
INSPECTOR'S ACCEPTANCE BY: Applied Engr DATE: 7/08
FIELD VERIFICATION BY: Applied Engr DATE: 7/08
DRAWINGS CORRECTED BY: Applied Engr DATE: 7/08
MICRO-FILM INFORMATION
RECORDED BY: DATE:
NO.

BENCH MARKS
THE BASIS OF ELEVATIONS FOR THIS SURVEY IS ACS BENCHMARK 10-C18, THE PUBLISHED ELEVATION OF WHICH IS 5222.09, NAVD88. BENCHMARK IS LOCATED ON THE EAST RIGHT-OF-WAY OF SAN PEDRO BLVD. NE, 48' SOUTH OF THE ENTERLINE OF MODESTO AVENUE NE AT ITS INTERSECTION WITH SAN PEDRO BLVD.

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | | |

REVISIONS

DESIGN
DESIGNED BY — DATE
DRAWN BY — DATE
CHECKED BY — DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: CORLEY'S ALBUQUERQUE
PAVING PLAN & PROFILE, EAGLE ROCK AV. NE

Design Review Committee: APPROVE MAY 15 2008 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVE JUN 04 2008 CITY ENGINEER
Last Design Update — Mo./Day/Yr. — Mo./Day/Yr.

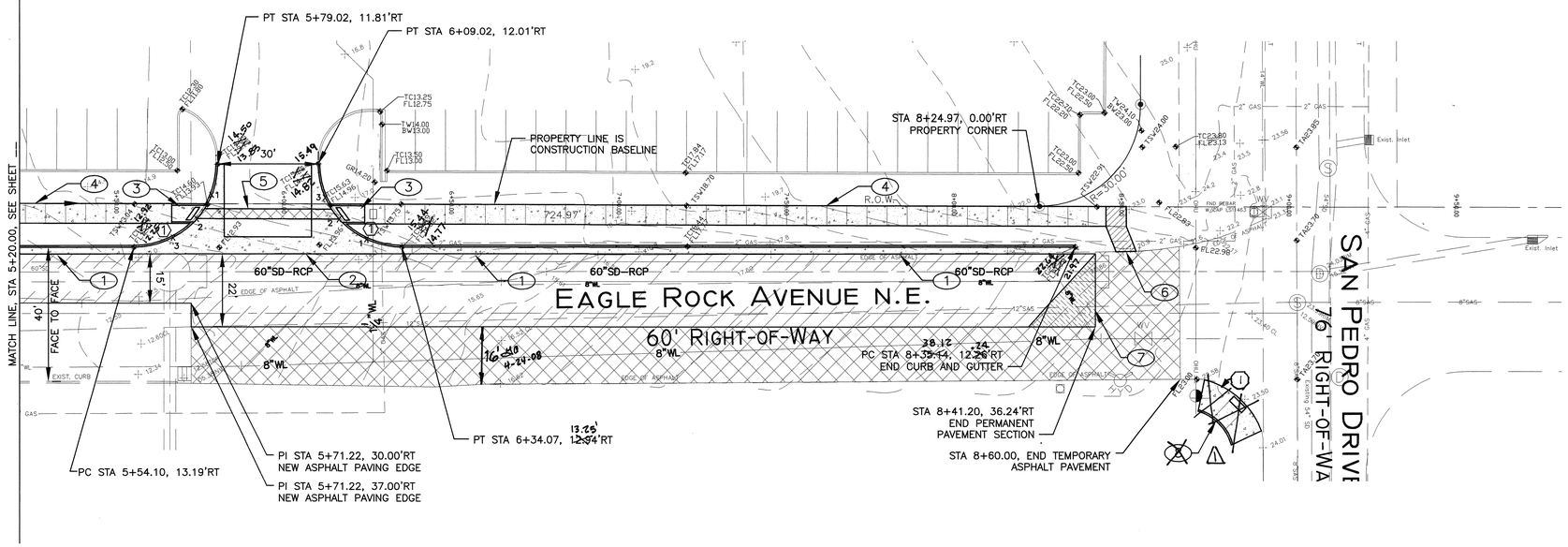
City Project No. 724582 | Zone Map No. C-18 | Sheet 8 Of 15

SCANNED BY PLANNING

| QUARTER POINT ELEV. | TC | FL |
|---|---|---|
| 1 | 14.55 | 13.88 |
| 2 | 14.48 | 13.81 |
| 3 | 13.63 | 12.96 |

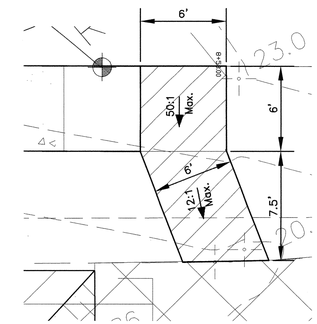
| QUARTER POINT ELEV. | TC | FL |
|---|---|---|
| 1 | 15.50 | 14.83 |
| 2 | 15.51 | 14.84 |
| 3 | 15.57 | 14.90 |

| CURVE TABLE AT FACE OF CURB | | | | |
|---|---|---|---|---|
| NUMBER | RADIUS | DELTA | ARC | TAN |
| 1 | 25.00 | 90°00'00" | 39.27' | - |
| | | | | |




PAVING PLAN, EAGLE ROCK AVENUE NE

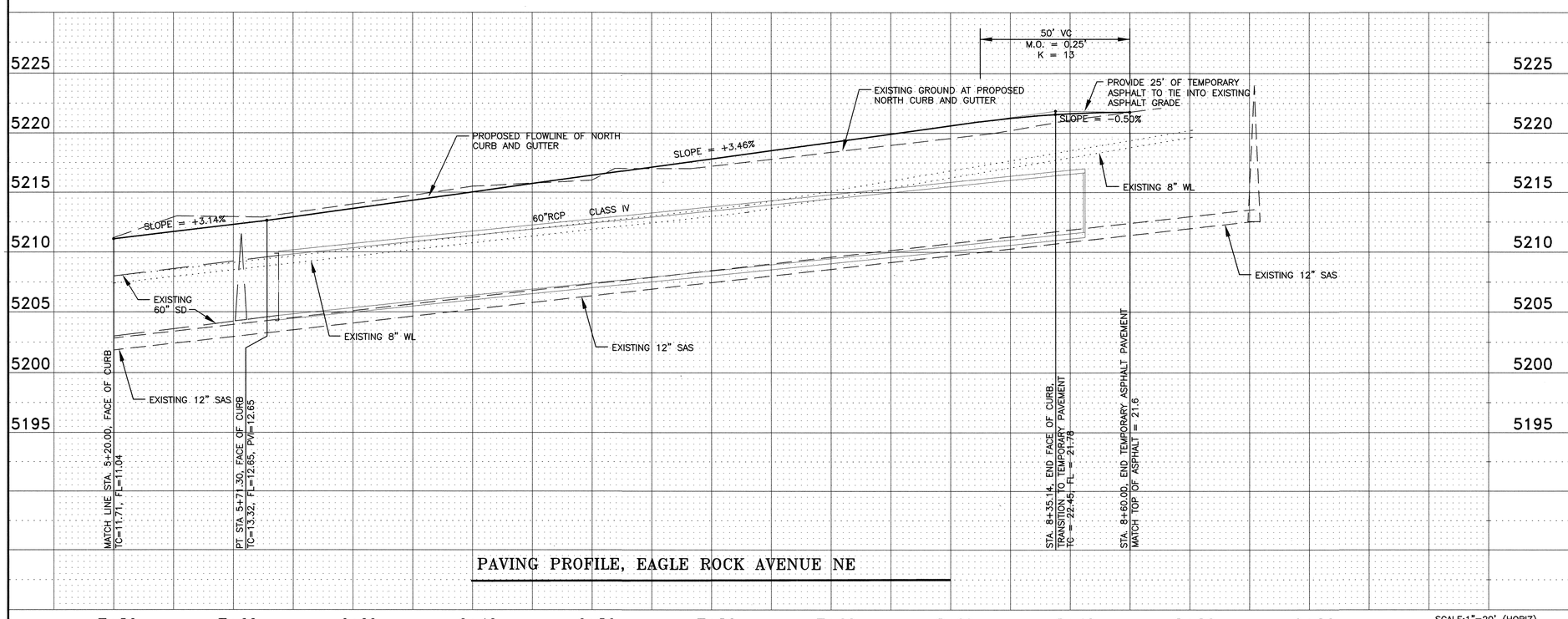
SCALE: 1" = 20'




TEMPORARY WHEEL CHAIR RAMP

## CONSTRUCTION NOTES:

1. CONSTRUCT STANDARD CURB & GUTTER PER COA STD. DWG. 2415A.
2. CONSTRUCT 6' WIDE CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420.
3. CONSTRUCT (WHEELCHAIR) UNIDIRECTIONAL RAMPS PER COA STD. DWG. 2426 WITH THE FOLLOWING TRUNCATED DOMES:
   * DESIGN PER ADA GUIDELINES
   * SUBMIT SPECS TO CITY CONSTRUCTION PRIOR TO CONSTRUCTION.
4. CONSTRUCT 6' WIDE SIDEWALK PER SIDEWALK DETAILS PER COA STD. DWG. 2430.
5. PROVIDE 3' WIDE AT 2% CROSS SLOPE BETWEEN HANDICAP RAMPS FOR ADA ACCESS.
6. PROVIDE 6' WIDE TEMPORARY ASPHALT PATH 2" THICK, TYPE "B" WITH 8" SUBGRADE PREPARATION AT 95% PER CITY STD. DWG. 2415B, FOR PEDESTRIAN ACCESS, SEE TEMPORARY DETAIL THIS SHEET.
7. PROVIDE CROWN TRANSITION PER CITY STD. DWG. 2401.
8. ~~CONSTRUCT (WHEELCHAIRY RAMP PER COA STD. DWG. 2441, CASE II WITH THE FOLLOWING TRUNCATED DOMES:~~
   ~~* DESIGN PER ADA GUIDELINES~~
   ~~* SUBMIT SPECS TO CITY CONSTRUCTION PRIOR TO CONSTRUCTION.~~ - NOT REQD. SEE REVISION No. 2 INFRASTRUCTURE LIST.




PAVING PROFILE, EAGLE ROCK AVENUE NE

SCALE: 1"=20' (HORIZ)
1"=5' (VERT)

GRAPHIC SCALE

20 0 10 20 40

( IN FEET )
1 inch = 20 ft.

APPLIED ENGINEERING AND SURVEYING, INC.
ENGINEERS AND PLANNERS
1605 Bluff Drive NE Office: (505) 237-1456
Albuquerque, New Mexico 87112 Facsimile: (505) 237-1456

AS BUILT INFORMATION
CONTRACTOR JFD Contracting DATE 12/08
WORK STAKED BY Terra Land Surveys DATE 12/08
INSPECTOR'S ACCEPTANCE BY Applied Eng DATE 12/08
FIELD VERIFICATION BY Applied Eng DATE 12/08
DRAWINGS CORRECTED BY Applied Eng DATE 12/08
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
THE BASIS OF ELEVATIONS FOR THIS SURVEY IS ACS BENCHMARK 10-C18, THE PUBLISHED ELEVATION OF WHICH IS 5222.09, NAVD88. BENCHMARK IS LOCATED ON THE EAST RIGHT-OF-WAY OF SAN PEDRO BLVD. NE, 48' SOUTH OF THE ENTERLINE OF MODESTO AVENUE NE AT ITS INTERSECTION WITH SAN PEDRO BLVD.

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| 1 | 12/07/08 | H.C. RAMP NOT REQD. BY CITY | GA |

REVISIONS

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: CORLEY'S ALBUQUERQUE
PAVING PLAN & PROFILE, EAGLE ROCK AV. NE

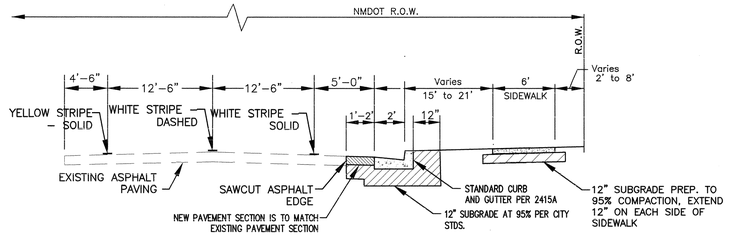
Design Review Committee: APPROVED MAY 15 2008 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUN 04 2008 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 724582 | Zone Map No. C-18 | Sheet 9 Of 15

SCANNED BY PLANNING

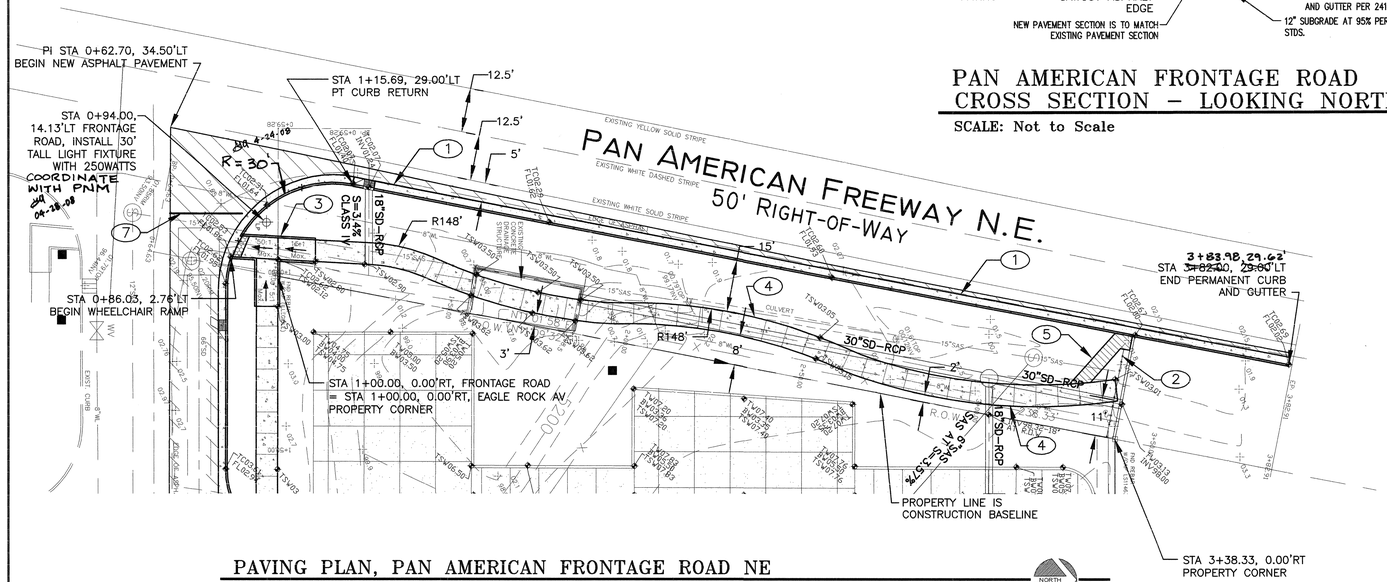
| QUARTER POINT ELEV. | | |
|---|---|---|
| | TC | FL |
| 1 | RAMP GRADE | 01.81 |
| 2 | 02.31 | 01.64 |
| 3 | 02.19 | 01.52 |

**R-VALUE SUBGRADE NOTE:**
R VALUE IN ROADWAY FOR SUBGRADE MATERIAL MUST BE GREATER THAT 50, IF NOT THE CONTRACTOR SHALL REMOVE UNSUITABLE SUBGRADE MATERIAL AND IMPORT SUITABLE FILL MATERIAL TO A DEPTH OF 24" AND TO EXCEED AN R VALUE OF 50.



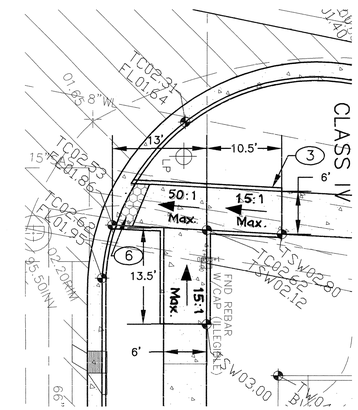

## PAN AMERICAN FRONTAGE ROAD CROSS SECTION – LOOKING NORTH

SCALE: Not to Scale




## PAVING PLAN, PAN AMERICAN FRONTAGE ROAD NE

SCALE: 1" = 20'

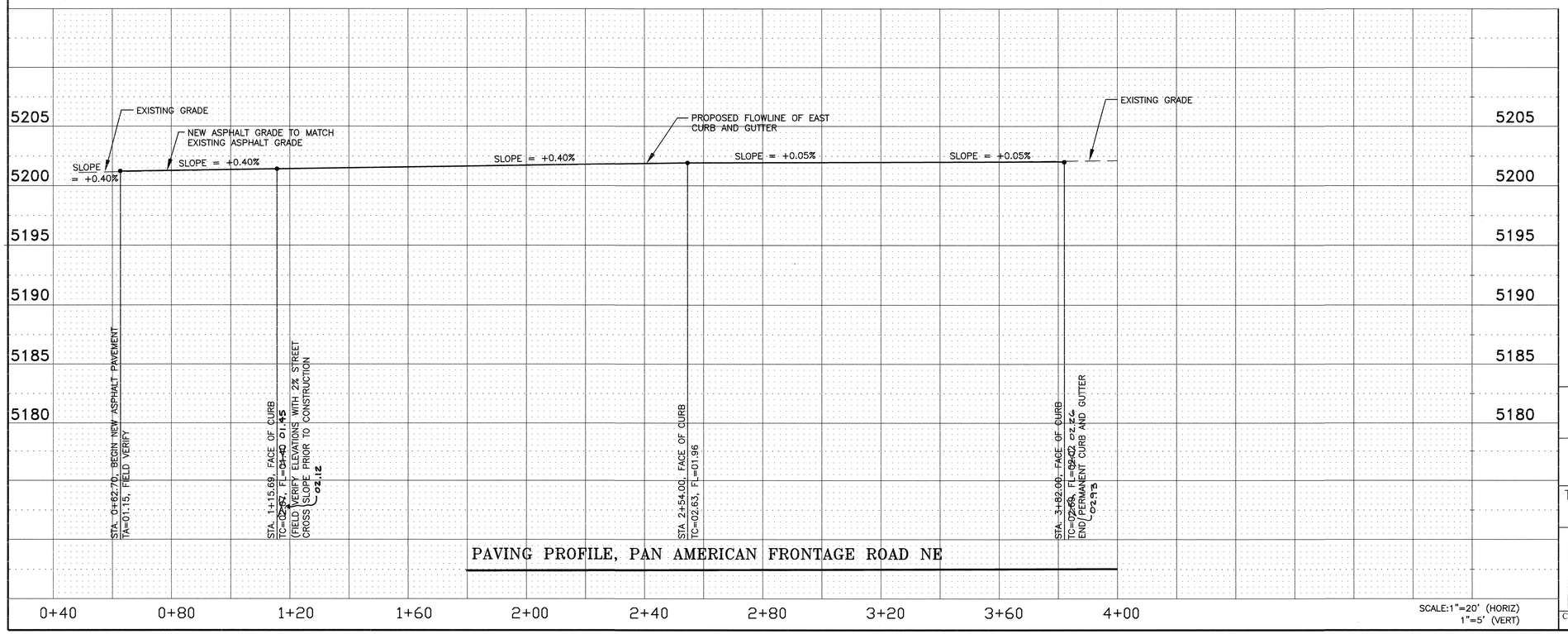



## WHEELCHAIR RAMP DETAIL

SCALE: 1" = 10'

## CONSTRUCTION NOTES:

1. CONSTRUCT STANDARD CURB & GUTTER PER COA STD. DWG. 2415A.
2. ~~INSTALL 4' HIGH CHAIN LINK FENCE PER CITY OF ALBUQUERQUE STANDARD DRAWING 2252, END 2' FROM CURB LINE.~~ SEE SHEET 14 OF 15
3. CONSTRUCT (WHEELCHAIR) CURB ACCESS RAMP, PER NEW MEXICO DEPARTMENT OF TRANSPORTATION PEDESTRIAN SPECIFICATIONS AND ACCESS DETAILS SHOWN.
4. CONSTRUCT 6' WIDE SIDEWALK PER SIDEWALK DETAILS PER COA STD. DWG. 2430.
5. PROVIDE 4' WIDE TEMPORARY ASPHALT PATH 2" THICK, TYPE "B" WITH 8" SUBGRADE PREPARATION AT 95% [ER CITY STD. DWG. 2415B, FOR PEDESTRIAN ACCESS AROUND CULVERT HEADWALL.
6. DETECTABLE WARNING SURFACE PER NMDOT SPECIFICATIONS.
7. INSTALL 12" WHITH STOP BAR – HOT THERMOPLASTIC PAVEMENT MARKING.




## PAVING PROFILE, PAN AMERICAN FRONTAGE ROAD NE

SCALE: 1"=20' (HORIZ) 1"=5' (VERT)

GRAPHIC SCALE
20 0 10 20 40
( IN FEET )
1 inch = 20 ft.

APPLIED ENGINEERING AND SURVEYING, INC.
ENGINEERS AND PLANNERS
1600 Bell Drive NE Office: (505) 237-1456
Albuquerque, New Mexico 87112 Facsimile: (505) 237-1456

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **CORLEY'S ALBUQUERQUE PAVING PLAN, FRONTAGE ROAD NE**

Design Review Committee: APPROVE MAY 15 2008 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVE JUN 04 2008 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 724582 | Zone Map No. C-18 | Sheet 10 Of 15

AS BUILT INFORMATION
CONTRACTOR JFD Contracting DATE 2/08
WORK STAKED BY Terra Land Survey DATE 2/08
INSPECTOR'S ACCEPTANCE BY Applied Engr DATE 2/08
FIELD VERIFICATION BY Applied Engr DATE 2/08
DRAWINGS CORRECTED BY Applied Engr DATE 2/08
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
THE BASIS OF ELEVATIONS FOR THIS SURVEY IS ACS BENCHMARK 10-C18, THE PUBLISHED ELEVATION OF WHICH IS 5222.09, NAVD88. BENCHMARK IS LOCATED ON THE EAST RIGHT-OF-WAY OF SAN PEDRO BLVD. NE, 48' SOUTH OF THE ENTERLINE OF MODESTO AVENUE NE AT ITS INTERSECTION WITH SAN PEDRO BLVD.

SURVEY INFORMATION
FIELD NOTES

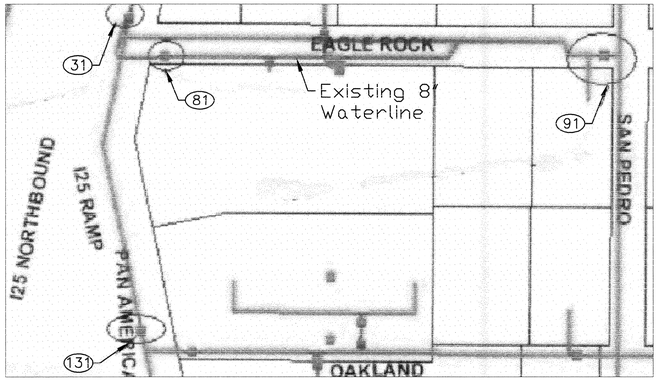
| NO. | BY | DATE |
|---|---|---|

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |
| | | DESIGN | |

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

SCANNED BY PLANNING

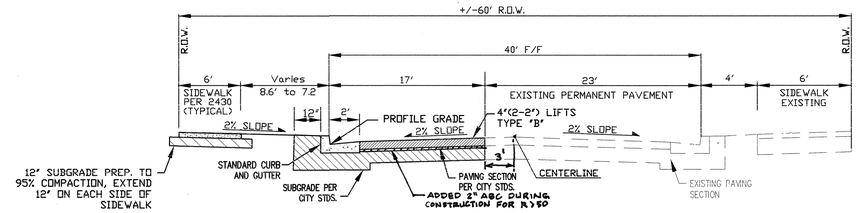



## WATER SHUTOFF PLAN

NOT TO SCALE

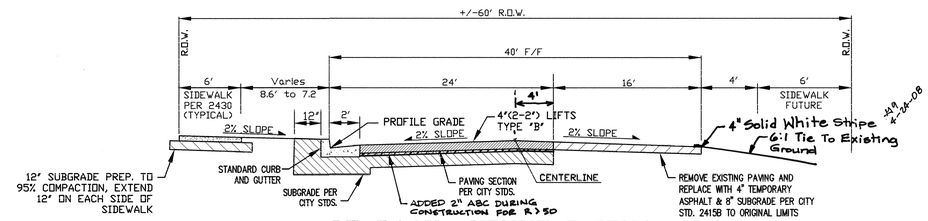
### WATER SHUTOFF NOTES

1. TO ISOLATE THE 6" WATERLINE FOR MODIFICATIONS ON EAGLE ROCK, IT WILL BE NECESSARY TO CLOSE VALVES #91 AND #81 AND PERFORM A TRIAL RUN. IF THIS DOES NOT WORK CLOSE VALVES #31 AND #131 IN THIS WATER SHUTOFF PLAN.
2. CALL WATER AUTHORITY DIVISION (857-8200) TO PROVIDE SHUT OFF PLAN MINIMUM 7 WORKING DAYS IN ADVANCE OF NEEDED SHUT OFF.
3. ONLY WATER AUTHORITY CREWS MAY OPERATE VALVES.
4. COORDINATE SHUTOFF 7 DAYS IN ADVANCE WITH FIRE MARSHALL SINCE THIS SHUTDOWN WILL TAKE 4 HYDRANTS OUT OF SERVICE AS WELL AS SOME SPRINKLER LINES FOR THE EXISTING STRUCTURES ON EAGLE ROCK.




EAGLE ROCK AVENUE PAVING SECTION PER C.O.A. DWG. 2405B, STA 1+02.11 TO STA 5+71.22

SCALE: 1" = 5'




EAGLE ROCK AVENUE PAVING SECTION PER C.O.A. DWG. 2405B, STA 5+71.22 TO STA 8+41.20

SCALE: 1" = 5'

## MECHANICAL RESTRAINT NOTES:

| TEES – PVC PIPE | | | | |
|---|---|---|---|---|
| Nom. Pipe Size | Branch Size 6" | | | |
| | $L_r$=5' | $L_r$=10' | $L_r$=15' | $L_r$=20' |
| | Restrained Length L , Feet for a Specified L | | | |
| 6" | 43' | 21' | FJO | FJO |
| 8" | 36' | 7' | FJO | FJO |

FJO: RESTRAINT REQUIRED AT FITTING JOINT ONLY
$L_r$ = LENGTH OF PIPE ALONG THE RUN THAT IS FREE OF JOINTS.

| DEAD ENDS GATE VALVES OR END CAPS PVC PIPE | |
|---|---|
| Nom. Pipe Size | Restrained Length L |
| 6" | 65' |
| 8" | 85' |

| HORIZONTAL BENDS – PVC PIPE | | | | |
|---|---|---|---|---|
| Nom. Pipe Size | Bend Angle | | | |
| | 11 deg | 22.5 deg | 45 deg | 90 deg |
| | Restrained Length, $L_r$ Feet | | | |
| 8" | 3' | 7' | 14' | 34' |

### R-VALUE SUBGRADE NOTE:

R VALUE IN ROADWAY FOR SUBGRADE MATERIAL MUST BE GREATER THAT 50, IF NOT THE CONTRACTOR SHALL REMOVE UNSUITABLE SUBGRADE MATERIAL AND IMPORT SUITABLE FILL MATERIAL TO A DEPTH OF 24" AND TO EXCEED AN R VALUE OF 50.

GRAPHIC SCALE

20 0 20 40

( IN FEET )
1 inch = 20ft.

AS BUILT INFORMATION
CONTRACTOR Sylo Contracting DATE 12/08
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INSPECTOR'S FIELD CHANGE BY Applied Engr DATE 2/09
VERIFICATION OF AS BUILTS BY Applied Engr DATE 12/08
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SURVEY INFORMATION
FIELD NOTES

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ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
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REVISIONS

DESIGN
DESIGNED BY DATE
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CHECKED BY DATE

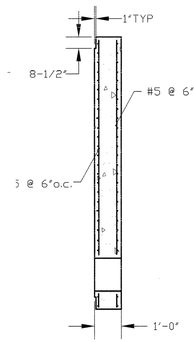
APPLIED ENGINEERING AND SURVEYING, INC.
ENGINEERS AND PLANNERS
1005 Stair Drive NE Albuquerque, New Mexico 87112
Office: (505) 237-1456 Facsimile: (505) 237-1456

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

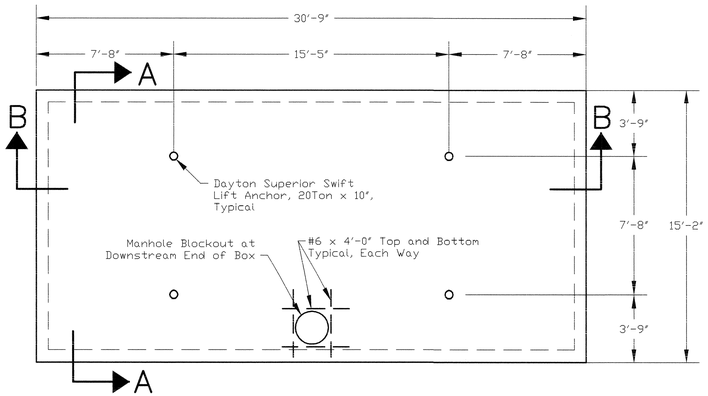
TITLE: **WATER DETAILS AND ROAD X-SECTIONS CORLEY'S ALBUQUERQUE**

Design Review Committee: APPROVED MAY 15 2008 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUN 04 2008 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

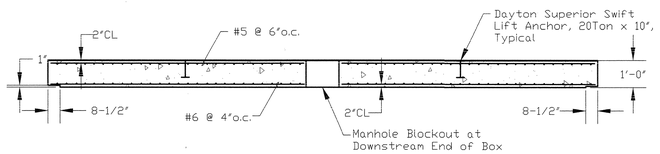
| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 724582 | C-18 | 11 | 15 |



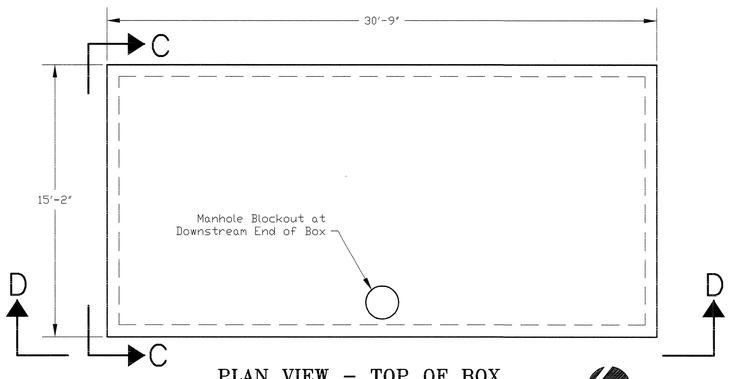

## SECTION A–A
N.T.S.




## CONCRETE LID
1/4" = 1'-0"



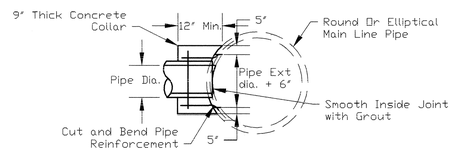

## SECTION B–B
N.T.S.



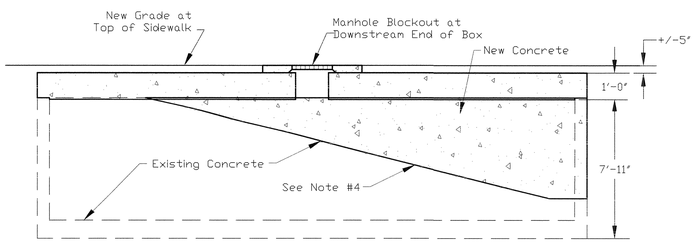

## PLAN VIEW – TOP OF BOX
1/4" = 1'-0"

## CONSTRUCTION NOTES:

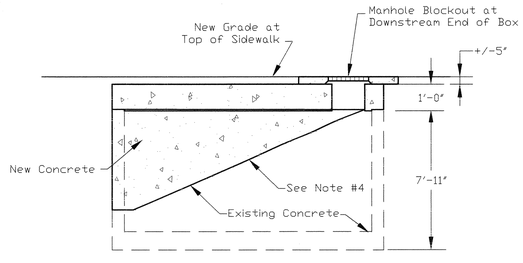
1. CONTRACTOR TO VERIFY ALL DIMENSION OF EXISTING BOX CULVERT PRIOR TO CONSTRUCTION. IF ANY DIMENSIONS VARY FROM THE DIMENSIONS SHOWN ON THIS PLAN CONTRACTOR TO CONTACT ENGINEER.
2. ALL CONCRETE SHALL BE 4000psi.
3. ALL REBAR SHALL BE 60ksi.
4. REMOVE CONCRETE TO EXPOSE VERTICAL AND HORIZONTAL #5 REBAR. SPLICE INTO EXPOSED VERTICAL AND HORIZONTAL REBAR USING DAYTON SUPERIOR BAR LOCK COUPLERS, #5s @ 6"o.c., EXTEND #5 REBAR TO TOP AND ENDS OF CONCRETE BOX. AT THE CORNER, SUPPLY #5 CORNER BAR WITH 24" BAR LAP WITH STRAIGHT BARS. THOUROUGHLY CLEAN EXPOSED CONCRETE AND APPLY DAYTON SUPERIOR RESI-BOND (J-58). WHILE RESI-BOND IS STILL TACKY, PLACE FRESH, 4000psim CONCRETE TO COMPLETE 8" WALLS OF BOX STRUCTURE.




## CONCRETE COLLAR FOR JOINING MAINLINE PIPE AND STUB PIPE
N.T.S.




## SECTION D–D
N.T.S.




## SECTION C–C
N.T.S.

GRAPHIC SCALE
20 0 20 40
( IN FEET )
1 inch = 20ft.

AS BUILT INFORMATION
CONTRACTOR Sys Contracting DATE 12/08
WORK STAKED BY Terra Land Surveys DATE 12/08
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SURVEY INFORMATION
FIELD NOTES

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| | | |

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| | | REVISIONS | |

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

APPLIED ENGINEERING AND SURVEYING, INC.
ENGINEERS AND PLANNERS
1505 Bluff Drive NE Office (505) 237-1456 Albuquerque, New Mexico 87112 Facsimile (505) 237-1456

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: BOX STRUCTURE ON PAN AMERICA RD
CORLEY'S ALBUQUERQUE

Design Review Committee: APPROVED MAY 15 2008 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUN 04 2008 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 724582 | Zone Map No. C-18 | Sheet 12 Of 15

SCANNED BY PLANNING

## PERMANENT SIGNING & STRIPING NOTES

1. ALL REGULATORY, WARNING, SPECIAL, AND GUIDE SIGNS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

| SIGN | SIGN CODE | COLOR | LETTER SHEETING | BACKGROUND SHEETING |
|---|---|---|---|---|
| STOP | R1-1 | (W/RED) | TYPE VIII OR IX | TYPE VIII OR IX |
| YIELD | R1-2 | (W/RED) | TYPE VIII OR IX | TYPE VIII OR IX |
| DO NOT ENTER | R5-1 | (W/RED) | TYPE VIII OR IX | TYPE VIII OR IX |
| WRONG WAY | R5-1a | (W/RED) | TYPE VIII OR IX | TYPE VIII OR IX |
| SCHOOL BUS SIGN | S3-1 | (BLK/FLOURESCENT YELLOW GREEN) | TYPE VIII OR IX | TYPE VIII OR IX |
| SCHOOL BUS XING | S1-1 | (BLK/FLOURESCENT YELLOW GREEN) | TYPE VIII OR IX | TYPE VIII OR IX |
| PEDESTRIAN XING | W11-2 | (BLK/FLOURESCENT YELLOW GREEN) | TYPE VIII OR IX | TYPE VIII OR IX |
| BIKE XING | W11-1 | (BLK/FLOURESCENT YELLOW GREEN) | TYPE VIII OR IX | TYPE VIII OR IX |
| ALL SCHOOL/PED/BIKE SUPPLEMENTAL PLAQUES | | (BLK/FLOURESCENT YELLOW GREEN) WHEREVER BLK/YELLOW IS SPECIFIED AS COLOR IN MUTCD | TYPE VIII OR IX | TYPE VIII OR IX |
| ALL OTHER WARNING SIGNS & SUPPLEMENTAL PLAQUES | | (BLK/FLOURESCENT YELLOW ) WHEREVER BLK/YELLOW IS SPECIFIED AS COLOR IN MUTCD | TYPE VIII OR IX | TYPE VIII OR IX |
| GUIDE & DESTINATION SIGNS INCLUDE EXTRUDED & NON-EXTRUDED (OVERHEAD & GROUND MOUNTED) | ALL | (W/GREEN) EXCEPT WHERE SPECIFIED IN THE MUTCD | TYPE VIII OR IX | TYPE IV |
| E-CODE SIGNS | E 11-1, 1a, 1b, 1c | (BLK/FLOURESCENT YELLOW) | TYPE VIII OR IX | TYPE IV |
| RECREATIONAL & CULTURAL INTERESTS | ALL | (W/BROWN) | TYPE VIII OR IX | TYPE IV |
| GENERAL SERVICE | ALL | (W/BLUE) | TYPE VIII OR IX | TYPE IV |
| SPECIFIC SERVICE | ALL | (W/BLUE) | TYPE VIII OR IX | TYPE IV |
| ALL OTHER PERMANENT SIGNS | | (BLK/WHITE) EXCEPT WHERE SPECIFIED OTHERWISE IN THE MUTCD | TYPE IV | TYPE IV |

12. SIGN POSTS SHALL BE SQUARE TUBING AS APPROVED BY THE PROJECT MANAGER OR THE DISTRICT TRAFFIC ENGINEER.

13. CONTRACTOR SHALL FIELD VERIFY ALL SIGNING INFORMATION, TEXT, AND LOCATIONS PRIOR TO FABRICATION AND INSTALLATION. NEW SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT MANAGER OR THE DISTRICT TRAFFIC ENGINEER.

14. HOT THERMOPLASTIC PAVEMENT MARKING SHALL BE USED ON ALL STRIPING (LONG LINES, LEGENDS, SYMBOLS, ETC.). THE THERMOPLASTIC PAVEMENT MARKING SHALL BE APPLIED AT A THICKNESS OF 120 MIL.

15. WATER BLASTING IS THE ONLY APPROVED METHOD OF EXISTING STRIPE REMOVAL WITHIN DISTRICT THREE. THE USE OF BLACK PAINT AS A METHOD OF REMOVING OR COVERING EXISTING STRIPING IS STRICKTLY PROHIBITED

## PERMANENT SIGNING & STRIPING NOTES (CON'T)

2. ONLY 0.125 INCHES THICK ALUMINUM PANEL SIGNS ARE PERMITTED FOR WARNING AND REGULATORY SIGNS.

3. ANTI GRAFFITI COATING SHALL BE APPLIED ON ALL REGULATORY, WARNING, GUIDE, AND SPECIAL SIGNS.

4. QUANTITIES MAY VARY AS FIELD CONDITIONS DICTATE. THE CONTRACTOR WILL BE PAID FOR ACTUAL QUANTITIES USED.

5. ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH N.M. STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION (LATEST EDITION) AND ANY APPLICABLE SPECIAL PROVISION AND/OR SUPPLEMENTAL SPECIFICATION. ALSO THE DEVICES SHALL COMPLY WITH CURRENT EDITION, WITH REVISIONS, OF THE MUTCD.

6. EACH SIGN FACE SHOWN ON PLANS SHALL MEET THE SPECIFICATIONS IN THE STANDARD HIGHWAY SIGNS MANUAL (CURRENT EDITION) FOR PROPER ARRANGEMENT, SPACING OF LETTERS, LETTER HEIGHT, SYMBOLS AND BORDERS FOR THE SPECIFIED SIZE AND MESSAGE AS SHOWN ON PLANS.

7. POST LENGTHS ARE BASED ON A MINIMUM OF 5 FT FOR RURAL ROADWAY SECTIONS TO A MINIMUM OF 7 FT FOR URBAN AND INTERSTATE ROADWAY SECTIONS. THE LENGTHS ARE MEASURED FROM THE BOTTOM OF THE SIGN TO NEAR EDGE OF THE DRIVING LANE.

8. THE LATERAL CLEARANCE OF SIGNS SHALL BE NO CLOSER THAN THE 6 FT FROM THE EDGE OF SHOULDER OR 12 FT FROM THE EDGE OF TRAVELED WAY FOR RURAL AREAS AND NO CLOSER THAN 2 FT FROM FACE OF CURB FOR URBAN AREAS.

9. ALL SIGNING HARDWARE, INCLUDING BRACKETS, (FOR MOUNTING ALL STREET NAME SIGNS, W1-8-18 BACK TO BACK MOUNTING, ETC.) ARE CONSIDERED INCIDENTAL TO SIGN INSTALLATION. THEREFORE, NO PAYMENT WILL BE MADE.

10. THREE 4 LB/FT SIGN POST INSTALLATION APPROVED ONLY IF THE SPAN BETWEEN THE OUTER POSTS EXCEEDS 84" (SIGN WIDTH OF 96" OR GREATER).

11. 3'- 6" BASE POSTS ARE REQUIRED FOR ALL SMALL SIGN POSTS. SEE STANDARD DRAWING 701-02-1/3 FOR DETAILS.



## NMDOT District Three
## Construction and Material Requirements for Developer Built Improvements within NMDOT Rights-of-Way

The following guidelines are to provide information on NMDOT construction requirements for private parties, developers, and local governments that are building property improvements that require a driveway permit application in accordance with **18.31.6 NMAC, *State Highway Access Management Requirements***, and for off-system improvements required to mitigate impacts to the state highway system. It is the applicant's responsibility to ensure a contractor is hired that can construct the proposed improvements in accordance with the NMDOT's specifications and standard drawings

**SPECIFICATIONS**
The applicant shall comply with the requirements of the NMDOT's Standard Specifications for Highway and Bridge Construction (Current Edition), Standard Drawings, and any revisions provided by the District Traffic Engineer. The current specifications have an issue date of August 2005 and can be accessed at http://www.nmshtd.state.nm.us/main.asp?secid=11183.

Listed below are the most likely sections to which the applicant may need to refer.

203 – Excavation, Borrow, and Embankment
207 – Subgrade Preparation
304 – Base Course (Non-QC/QA)[1]
401 – Pavement Smoothness Measurement[2]
402 – Bituminous Materials, Hydrated Lime, and Liquid Anti-Stripping Agents[3]
404 – Open-Graded Friction Course (Non-QC/QA)[4]
407 – Tack Coat
408 – Prime Coat
414 – Cold Milling
416 – Minor Paving[5]
422 – Plant-Mix Bituminous Pavement (Superpave Non-QC/QA)[6]
451 – Portland Cement Concrete Pavement
455 – Diamond-Grinding and Grooving of PCCP
570 – Pipe Culverts
606 – Metal and Concrete Wall Barrier
608 – Sidewalks, Drive Pads, and Concrete Median Pavement
609 – Curb and Gutter
610 – Cattle Guards
623 – Drop Inlets

1 – Type I only
2 – At a minimum, straightedging will be applied to all surface and friction course material and removal and replacement or any necessary corrective work methods will be determined by the Department





3 – The Department will require certified test reports per Subsection 402.21. PG binders and aggregate gradation may require adjustment from that shown in approved mix design to account for stopped or slow speed traffic.
4 – Type I only
5 – 4500 tons or less at the Department's discretion
6 – Greater than 4500 tons at the Department's discretion

In addition, all sections of Division 700 – Traffic Control Devices may apply, especially to driveway permits for commercial improvements.

In general, the pay factor charts and acceptance limits that are provided in the specifications will be modified for the driveway permit application process and offsite improvements. **It is the applicant's responsibility to obtain any revisions from the District Traffic Engineer prior to soliciting bids for the work to be performed.**

**MATERIALS**
Materials that have currently approved NMDOT mix designs and component material sources must be used for the proposed improvements. Manufactured materials and components must be on the current Approved Products List.
The approval status of mix designs and material sources can be obtained from the NMDOT State Materials Bureau or the respective District. The current Approved Products List can be obtained from the NMDOT State Maintenance Bureau.

**SAMPLING AND TESTING**
Material sampling and testing shall be performed by laboratories on the Department's approved list and technicians that are TTCP (Technician Training and Certification Program) registered. A current listing of approved laboratories may be obtained from the NMDOT State Materials Bureau, and current registered technicians can be verified with ACNM (Associated Contractors of New Mexico). All test results shall be sealed and signed by a professional engineer licensed to practice in New Mexico.

Material tests shall be provided at the frequencies noted in the specifications for the material being placed. Failure of the applicant to perform the required testing or use testing methods that do not follow approved procedures will cause the driveway permit application or offsite improvements to be subject to rejection as determined by the District Traffic Engineer.

**ACCEPTANCE**
Acceptance testing will usually be the responsibility of the applicant, but in some cases the Department may perform this function.
For manufactured items the applicant shall submit certificates of compliance for review and approval before inclusion in the proposed improvements.
Upon completion of the proposed improvements the applicant shall submit results of required materials tests to the District Lab Supervisor. Results and test methods will be analyzed to verify compliance with the acceptable limits in the specifications or the modifications noted in this guide.





Determination of which applicant's proposed improvements will be subject to acceptance testing provided by the Department will be done by random methods. However, if in the Department's judgment, the scope and public impact of proposed improvements is significant, the NMDOT reserves the right to arbitrarily choose when to perform full or partial verification testing to assure that the proposed improvements are in compliance with the specifications or any revisions. Applicant's whose proposed improvements will be fully subject to Department acceptance testing will be notified after the applicant's construction schedule and traffic control plan are approved and before the District Traffic Engineer gives the authorization to begin construction.
Acceptance of manufactured materials will be based on valid certificates of compliance from the product manufacturer and submitted by the applicant.
All materials and items that do not meet the acceptance requirements must be removed and replaced before the driveway permit is approved.

**CONTACTS**

| | | |
|---|---|---|
| District Three Traffic Engineer | Tony Abbo | (505) 841-2700 |
| District Three Laboratory Supervisor | Carlos Giron | (505) 841-2700 |
| State Materials Bureau | Bob Meyers | (505) 827-9811 |
| State Maintenance Bureau | Tom Raught | (505) 827-5176 |
| Associated Contractors of New Mexico | Bryan Legan | (505) 344-2072 |



AS BUILT INFORMATION
CONTRACTOR: J.D. Contracting DATE: 2/08
WORK STAKED BY: Terra Land Surveys DATE: 12/08
INSPECTOR'S ACCEPTANCE BY: Applied Eng DATE: 2/08
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SURVEY INFORMATION
FIELD NOTES

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|---|---|---|
| | | |

ENGINEER'S SEAL
GARY L. SANDOVAL NEW MEXICO LICENSED PROFESSIONAL ENGINEER 10201
6-17-08

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | | |

REVISIONS
DESIGN
DESIGNED BY DATE
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APPLIED ENGINEERING AND SURVEYING, INC.
ENGINEERS AND PLANNERS
1605 Blair Drive NE, Albuquerque, New Mexico 87112
Office: (505) 237-1466 Facsimile: (505) 237-1466

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

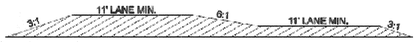
TITLE: NMDOT CONSTRUCTION NOTES
CORLEY'S ALBUQUERQUE

Design Review Committee: APPROVED MAY 15 2008 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUN 04 2008 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 724582 | C-18 | 13 | 15 |

## Traffic Control Notes

1. The Contractor/TCP firm MUST adhere to the dates and times listed on the TCP permit. Failure to do so will result in the permit **being revoked.**
2. The NMDOT reserves the right to make any changes and/or modifications to the approved Traffic Control Permit.
3. The Contractor/TCP firm shall adhere to all the requirements listed in the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD).
4. In the areas of pavement operations or other activities within the traveled way and adjacent to the existing traveled lane, the contractor shall assure that no pavement drop-offs are left exposed during non-working hours. The contractor shall initiate corrective means as per "the New Mexico Department Of Transportation Pavement Drop-off Guideline" to achieve a minimum 6:1 slope between traveled lanes and a minimum 3:1 slope adjacent to the existing traveled lane with two 11foot driving lanes as shown in the detail below.




5. The Contractor/TCP firm will be required to cover up all conflicting signs within or in advanced of the work zone.
6. In covering up any conflicting signs, the contractor is to use an approved method of covering existing signing so as not to damage/distort sign sheeting or markings. The Contractor/TCP firm shall not place a patch on the sign and tape the patch directly to the face of the sign. Failure to adhere to this requirement will result in the Contractor/TCP firm being required to replace the sign.
7. The Contractor/TCP firm shall not place a lane drop taper along a horizontal curve. The lane drop taper shall be placed in advance of the horizontal curve so that it is visible to all oncoming traffic.
8. On crest vertical curves, the Contractor/TCP firm shall place lane drops in advance or at the beginning of the curve to enhance visibility of the lane drop to oncoming traffic.
9. The Contractor/TCP firm **SHALL** contact Mr. Phil Gallegos, D3 Public Information Officer (PIO), at least 48 hours before any work listed in the TCP is performed, to confirm the actual start dates of the construction. Mr. Gallegos can then publish the upcoming work in the District Three Traffic Report. Mr. Gallegos can be reached at 841-2700.
10. All traffic devices shall be kept clean throughout the duration of the project. Any sign that is tagged by Graffiti shall be cleaned within 24 hours or removed and replaced.
11. "BUMP", "LOOSE GRAVEL", "LANE DROP-OFF SIGN" sign placement the contractor shall place W8-1-48 signs ("BUMP" - B/FO), W8-7-48 signs ("LOOSE GRAVE" - B/FO) and/or W8-9a-48 signs ("SHOULDER DROP-OFFS" - B/FO) in advance of bridge approaches or other locations during cold milling and overlay operations as needed or as directed by the project manager. See standard drawing 702-01-1/3 for sign details
12. The following reflectivity material shall be used on all signing placed on NMDOT roadways

| SIGN | SIGN CODE | COLOR | LETTER SHEETING | BACKGROUND SHEETING |
|---|---|---|---|---|
| APPROACH SIGNS | W20-1,2,3,4,5, 7 | (BLK/FLOURESCENT Orange) | -------- | Type VII, VIII or IX |
| CHEVRONS | W1-8 | (BLK/FLOURESCENT Orange) | -------- | Type VII, VIII or IX |
| CURVES | W1-2 | (BLK/FLOURESCENT Orange) | -------- | Type VII, VIII or IX |
| REVERSE CURVE | W1-4 | (BLK/FLOURESCENT Orange) | -------- | Type VII, VIII or IX |
| MERGE | W4-1 | (BLK/FLOURESCENT Orange) | -------- | Type VII, VIII or IX |
| NO PASSING ZONE | W14-3 | (BLK/FLOURESCENT Orange) | -------- | Type VII, VIII or IX |
| FLAGGER PADDLE | | (BLK/FLOURESCENT Orange side one with Red on side 2) | -------- | Type VII, VIII or IX |
| ALL DRUMS | | (BLK/FLOURESCENT Orange) | -------- | Type VII, VIII or IX |
| All Other Const. Signs | | Black on Orange | | Type III |

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20. When flaring the leading end of a Temporary Concrete Wall Barrier (TCWB) within a construction work zone, the flare rate shall be done in accordance with the rates shown in the table below:

| Roadway Speed Limit | Minimum Taper/Flare Rate | Desirable Taper/Flare Rate |
|---|---|---|
| Less than 45 MPH | 8:1 | 18:1 |
| Between 45 MPH and 55 MPH | 10:1 | 24:1 |
| Greater than 55 MPH | 15:1 | 30:1 |

21. When CWB is placed in a construction work zone, a 5' buffer area is strongly recommended between the Temporary Concrete Wall Barrier and the work zone to accommodate barrier deflection. When a 5' buffer area is not attainable, consideration shall be given to anchoring the TCWB to the pavement surface. (See attachment "B" - note 8 in standard drawing 606-20-1/4 dated 1/11/2005).
22. The crash cushion attenuators shall be designed as per the District Traffic Engineer's recommendations. The District May elect to either utilize the posted speed or the 85% speed in the layout of the crash cushion attenuators within the work zone.
23. All construction signing shall have a Type III or higher reflective background.
24. All devices that are placed within the NMDOT R/W shall adhere to section 702 - Traffic Control Devices For Construction – in the latest edition of the NMDOT Specification book
25. All stationary objects within clear zone shall be properly shielded and outlined with drums mounted with Type "A" warning lights. Use of vertically mounted retro-reflective material in lieu of a Type A warning light is **strictly** prohibited.
26. Use of Type I or II barricades for approach tapers on rural Interstate or secondary roadways are prohibited.
27. Any equipment, materials, or vehicles stored within ROW shall be outside of clear zone (based on existing posted speed).
28. Any equipment, material or vehicle stored within clear zone shall be properly shielded.
29. Materials, work activities, equipment, and vehicles shall not be stored within the established buffer space.
30. All construction equipment, vehicles and materials shall remain behind traffic control devices.
31. All traffic control device types, quantities and spacing shall not deviate from the approved Traffic Control Plan. Any changes to the traffic control plan must be approved by the District Traffic Engineer or his/her designee
32. The following Taper lengths, buffer zone, and spacing of devices requirements shall be adhered to:

| Posted Speed (MPH) | Merging (L) & Shifting Taper (0.5L) Length (FT.)[1] | | | | | | Shoulder Taper (PL)[2] 1/3 L | | | | Transition Area/ Calming Zone[3] (2L) (Ft) | Buffer Space or Distance[4] to Flagger Station | Minimum Spacing of Devices (PL)[2] | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Formula | 11' lane | | 12' Lane | | 13' Lane | 4' | 6' | 8' | 10' | | | On a Taper | On a Tangent |
| 20 | L=WS²/60 | 75 | 40 | 80 | 40 | 85 | 45 | 9 | 13 | 18 | 22 | 160 | 115 | 20 | 40 |
| 25 | | 115 | 60 | 125 | 65 | 135 | 70 | 14 | 21 | 26 | 35 | 200 | 155 | 25 | 50 |
| 30 | | 165 | 85 | 180 | 90 | 195 | 100 | 20 | 30 | 40 | 50 | 360 | 205 | 30 | 60 |
| 35 | | 225 | 115 | 245 | 125 | 265 | 135 | 27 | 41 | 54 | 68 | 460 | 250 | 35 | 70 |
| 40 | | 295 | 150 | 320 | 160 | 345 | 175 | 36 | 53 | 71 | 89 | 640 | 305 | 40 | 80 |
| 45 | L=WS | 495 | 250 | 540 | 270 | 595 | 305 | 60 | 90 | 120 | 150 | 1080 | 360 | 45 | 90 |
| 50 | | 550 | 275 | 600 | 300 | 660 | 325 | 67 | 100 | 133 | 167 | 1200 | 425 | 50 | 100 |
| 55 | | 605 | 303 | 660 | 330 | 715 | 360 | 73 | 110 | 147 | 183 | 1320 | 495 | 55 | 110 |
| 60 | | 660 | 330 | 720 | 360 | 780 | 393 | 80 | 120 | 160 | 200 | 1440 | 570 | 60 | 120 |
| 65 | | 715 | 360 | 780 | 390 | 845 | 425 | 87 | 130 | 173 | 217 | 1560 | 645 | 65 | 130 |
| 70 | | 770 | 385 | 840 | 420 | 910 | 455 | 93 | 140 | 187 | 233 | 1680 | 730 | 70 | 140 |
| 75 | | 825 | 415 | 900 | 450 | 975 | 490 | 100 | 150 | 200 | 250 | 1800 | 820 | 75 | 150 |

[1] See Section 6C-06 on page 6C-5 and Figure 6C-2 on page 6C-6 of the 2003 MUTCD
[2] See Section 6C-08 on page 6C-5 and Figure 6C-2 on page 6C-6 of the 2003 MUTCD
[3] See Figure 6H-37 on page 6H-79 of the 2003 MUTCD
[4] See Section 6C-06 on page 6C-4 and 6C-05 of the 2003 MUTCD

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13. If any of the signs and/or traffic control devices, on the attached TCP, are being used overnight the following minimum reflectivity standards shall be required:

**New MUTCD Table 2A-3. Minimum Maintained Retroreflectivity Levels**

| SIGN COLOR | SHEETING TYPE (ASTM D4956-04) | | | | ADDITIONAL CRITERIA |
|---|---|---|---|---|---|
| | Beaded Sheeting | | | Prismatic Sheeting | |
| | I | II | III | III, IV, VI, VII, VIII, IX, X | |
| White on Green | W*; G ≥ 7 | W*; G ≥ 15 | W*; G ≥ 25 | W ≥ 250; G ≥ 25 | Overhead |
| | W*; G ≥ 7 | W ≥ 120; G ≥ 15 | | | Ground-mounted |
| Black on Yellow or Black on Orange | Y*; O* | Y ≥ 50; O ≥ 50 | | | ③ |
| | Y*; O* | Y ≥ 75; O ≥ 75 | | | ④ |
| White on Red | W ≥ 35; R ≥ 7 | | | | ④ |
| Black on White | W ≥ 50 | | | | — |

② The minimum maintained retroreflectivity levels shown in this table are in units of cd/lx/m² measured at an observation angle of 0.2° and an entrance angle of -4.0°.
③ For text and fine symbol signs measuring at least 1200 mm (48 in) and for all sizes of bold symbol signs
④ For text and fine symbol signs measuring less than 1200 mm (48 in)
⑤ Minimum Sign Contrast Ratio ≥ 3:1 (white retroreflectivity ÷ red retroreflectivity)
* This sheeting type should not be used for this color for this application.

**BOLD SYMBOL SIGNS**

- W1-1, -2 – Turn and Curve
- W1-3, -4 – Reverse Turn and Curve
- W1-5 – Winding Road
- W1-6, -7 – Large Arrow
- W1-8 – Chevron
- W1-10 – Intersection in Curve
- W1-15 – 270 Degree Loop
- W2-1 – Cross Road
- W2-2, -3 – Side Road
- W2-4, -5 – T and Y Intersection
- W2-6 – Circular Intersection
- W3-1 – Stop Ahead
- W3-2 – Yield Ahead
- W3-3 – Signal Ahead
- W4-1 – Merge
- W4-2 – Lane Ends
- W4-3 – Added Lane
- W4-6 – Entering Roadway Added Lane
- W6-1, -2 – Divided Highway Begins and Ends
- W6-3 – Two-Way Traffic
- W10-1, -2, -3, -4, -11, -12 – Highway-Railroad Advance Warning
- W11-2 – Pedestrian Crossing
- W11-3 – Deer Crossing
- W11-4 – Cattle Crossing
- W11-5 – Farm Equipment
- W11-6 – Snowmobile Crossing
- W11-7 – Equestrian Crossing
- W11-8 – Fire Station
- W11-10 – Truck Crossing
- W12-1 – Double Arrow
- W16-5p, -6p, -7p – Pointing Arrow Plaques
- W20-7a – Flagger
- W21-1a – Worker

**FINE SYMBOL SIGNS – Symbol Signs Not Listed As Bold Symbol Signs**

**SPECIAL CASES**

- W3-1 – Stop Ahead: Red retroreflectivity ≥ 7
- W3-2 – Yield Ahead: Red retroreflectivity ≥ 7; White retroreflectivity ≥ 35
- W3-3 – Signal Ahead: Red retroreflectivity ≥ 7; Green retroreflectivity ≥ 7
- W3-5 – Speed Reduction: White retroreflectivity ≥ 50
- For non-diamond shaped signs such W14-3 (No Passing Zone), W4-4p (Cross Traffic Does Not Stop), or W13-1, -2, -3, -5 (Speed Advisory Plaques), use largest sign dimension to determine proper minimum retroreflectivity level.

14. Placement of the sequential arrow shall be at or near the beginning of the lane closure taper. In areas of insufficie pavement width, the sequential arrow may be placed within the taper, but not to exceed ½ the taper length. In all cases, t sequential arrow shall be placed behind the channelization devices.
15. All signing on the interstate and on high speed 4 lane divided facilities shall be double indicated.
16. All signs that are part of work zone that is in place for more than **3 days** shall be placed on **posts**.
17. Covering existing white and yellow stripes with black paint as a method of stripe removal is **strictly prohibited**.
18. All warning and regulatory signs shall meet the following size requirements:
    a. Interstate: Warning sign 48"x48" Regulatory 48"x60"
    b. Non-Interstate: Warning sign 36"x36" Regulatory 36"x42"
19. All CWB ends, within the clear zone, have to be protected with an approved crash cushion attenuator (approved based the design speed of the road).

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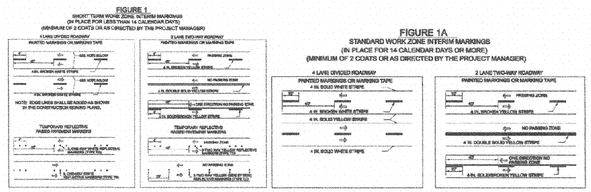
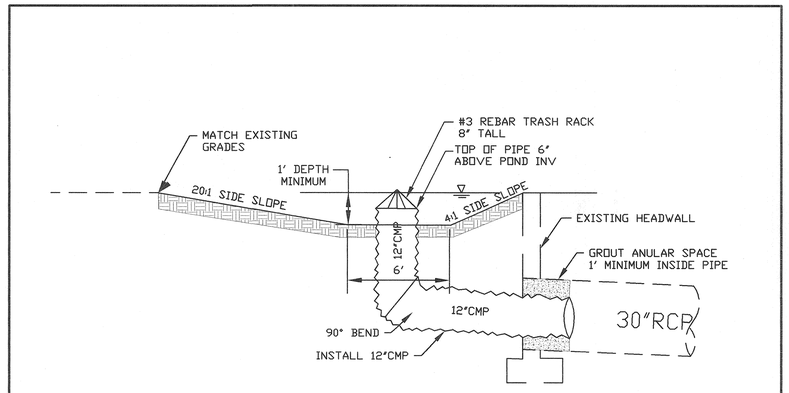
3. Work Zone Interim Markings:
   a. The contractor shall place reflectorized painted markings on each markings on each intermediate lift of surfacing or milled surface at the end of day's surfacing or milling operation. these markings shall be placed in accordance with the details shown in figure 1 or figure 1a on this sheet. in the event the painted markings cannot be placed as described above, the contractor shall, with the approval of the project manager, place marking tape or temporary reflective raised pavement markers in accordance with the details shown in figure 1 or figure 1a on this sheet or as directed by the project manager. Payment for marking tape will be paid for under the unit price of reflectorized painted markings, unless otherwise specified.
   b. The contractor shall place removable marking tape or temporary reflective raised pavement markers after placement of the final lift of surfacing if permanent markings are not placed during the same working day. These markings shall be placed in accordance with the details shown in figure 1 or 1a on this sheet or as directed by the project manager.
   c. On roadways with severe curvature, broken-line interim markings with half-cycle lengths and a minimum of 2 foot stripes or a group of two temporary reflective pavement markings spaced 2 feet apart may be used where passing is allowed. Interim edge lines or channelization lines for delineation may be used as needed or as directed by the project manager. Passing/no passing zone signing to supplement interim markings for delineation may be used as needed or as directed by the project manager. All interim markings shall be in accordance with the current edition of the MUTCD.




TEMPORARY STORM DRAIN CONNECTION AND DESILTATION POND

SCALE: NTS

AS BUILT INFORMATION
CONTRACTOR: G.D. Contracting DATE: 6/08
WORK STAKED BY: Terra Land Surveys DATE: 6/08
INSPECTOR'S ACCEPTANCE BY: Applied Engr DATE: 6/08
FIELD VERIFICATION BY: Applied Engr DATE: 6/08
DRAWINGS CORRECTED BY: Applied Engr DATE: 6/08
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
THE BASIS OF ELEVATIONS FOR THIS SURVEY IS ACS BENCHMARK 10-C18, THE PUBLISHED ELEVATION OF WHICH IS 5222.09, NAVD88. BENCHMARK IS LOCATED ON THE EAST RIGHT-OF-WAY OF SAN PEDRO BLVD. NE, 48' SOUTH OF THE ENTERLINE OF MODESTO AVENUE NE AT ITS INTERSECTION WITH SAN PEDRO BLVD.

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | REVISIONS | |

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

APPLIED ENGINEERING AND SURVEYING, INC.
ENGINEERS AND PLANNERS
1605 Bob Drive NE, Albuquerque, New Mexico 87112
Office (505) 237-1456 Facsimile (505) 237-1456

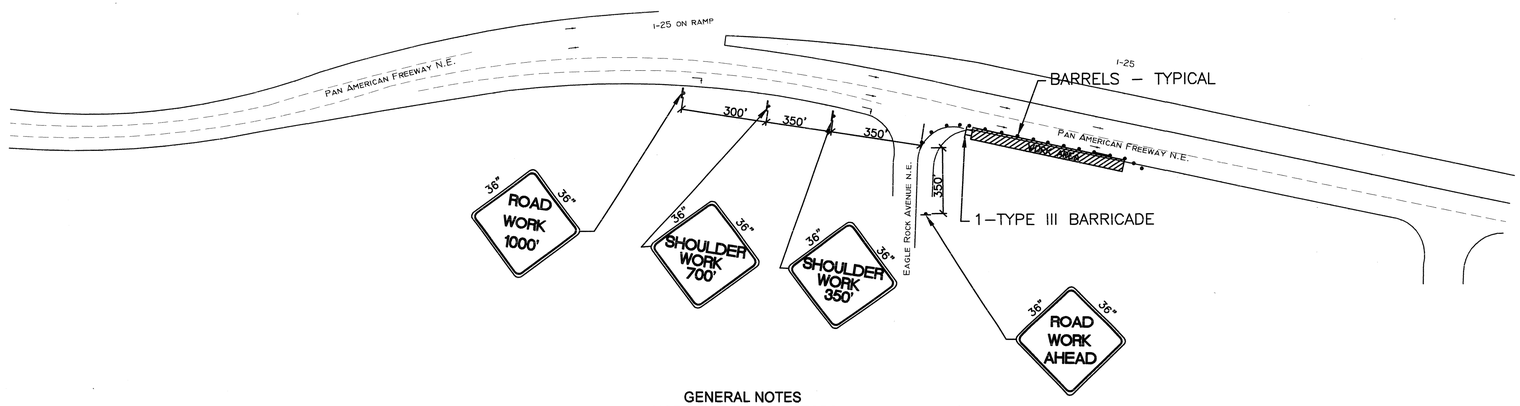
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: NMDOT CONSTRUCTION NOTES
CORLEY'S ALBUQUERQUE

Design Review Committee: APPROVED MAY 15 2008 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUN 04 2008 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 724582 | Zone Map No. C-18 | Sheet 14 Of 15

SCANNED BY
PLANNING




## GENERAL NOTES
## NOTICE TO CONTRACTORS
## WORKING ON PAN AMERICAN FRONTAGE ROAD

1. THE POSTED SPEED LIMIT FOR THIS ROAD IS 45MPH.
2. THE CONTRACTOR SHALL PERFORM AS MUCH WORK AS POSSIBLE BEHIND THE EXISTING ASPHALT EDGE PRIOR TO EFFECTING TRAFFIC.
3. CONTRACTOR SHALL REMOVE ALL LANE CLOSURES AT THE END OF EACH WORK SHIFT IF THE ROADWAY IS SAFE TO DO SO. IF LANE CLOSURE IS NEEDED THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO NMDOT.
4. WORK HOURS SHALL BE FROM 9:00AM TO 3:30PM.

AS BUILT INFORMATION
CONTRACTOR Cp Contracting DATE 12/08
WORK STAKED BY Tierra Land Surveys DATE 12/08
INSPECTOR'S ACCEPTANCE BY Applied Engr DATE 12/08
FIELD VERIFICATION BY Applied Engr DATE 12/08
DRAWINGS CORRECTED BY Applied Engr DATE 12/08
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
THE BASIS OF ELEVATIONS FOR THIS SURVEY IS ACS BENCHMARK 10-C18, THE PUBLISHED ELEVATION OF WHICH IS 5222.09, NAVD88. BENCHMARK IS LOCATED ON THE EAST RIGHT-OF-WAY OF SAN PEDRO BLVD. NE, 48' SOUTH OF THE ENTERLINE OF MODESTO AVENUE NE AT ITS INTERSECTION WITH SAN PEDRO BLVD.

SURVEY INFORMATION
FIELD NOTES

| NO. | BY | DATE |
|---|---|---|
| | | |

ENGINEER'S SEAL
NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 17788 STATE OF NEW MEXICO
04-17-08

| NO. | DATE | REMARKS | BY |
|---|---|---|---|
| | | | |

REVISIONS
DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

APPLIED ENGINEERING AND SURVEYING, INC.
ENGINEERS AND PLANNERS
1503 Stair Drive NE Albuquerque, New Mexico 87112
Office: (505) 237-1456 Facsimile: (505) 237-1459

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

NMDOT 4-24-08

TITLE: TRAFFIC CONTROL AND BARRICADING FRONTAGE ROAD, CORLEY'S ALBUQUERQUE

Design Review Committee: APPROVED MAY 15 2008 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUN 04 2008 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

| City Project No. | Zone Map No. | Sheet | Of |
|---|---|---|---|
| 724582 | C–18 | 15 | 15 |