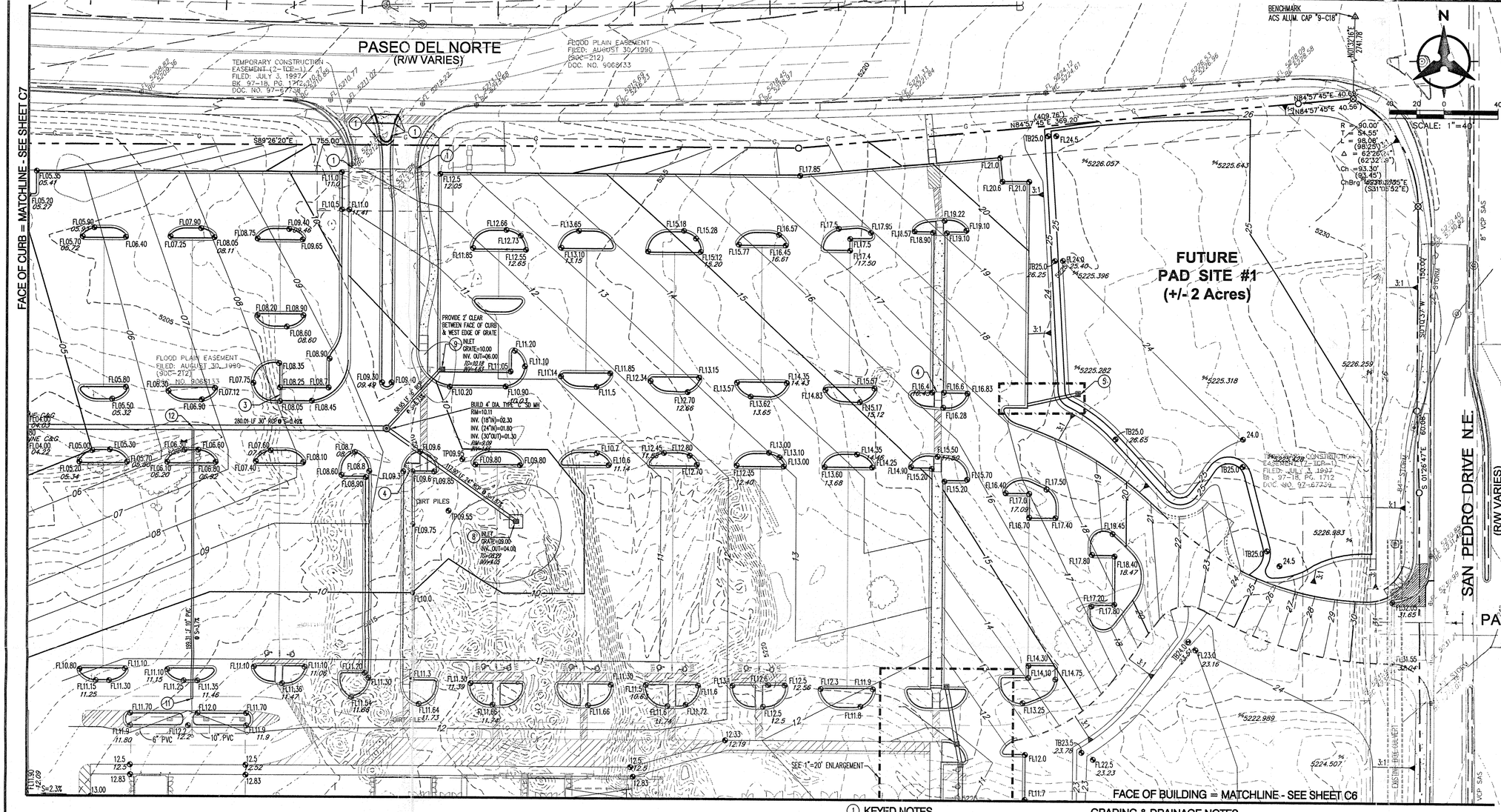
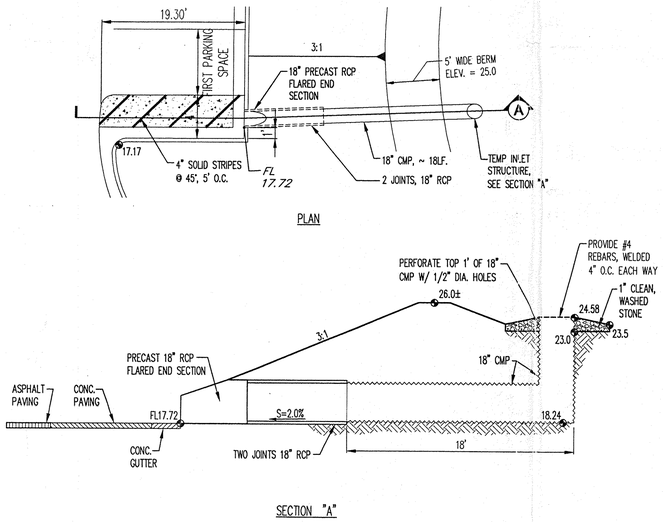


LEGAL DESCRIPTION

LOS ANGELES CENTER, TRACT A-1

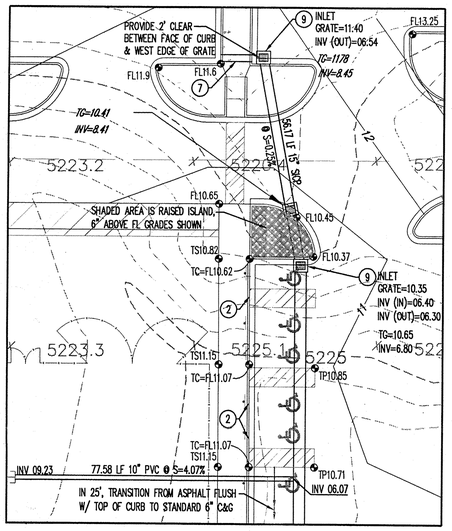
LEGEND

- PROPERTY LINE
- CITY OF ALBUQUERQUE SURVEY CONTROL MONUMENT
- FOUND 5/8" REBAR TAGGED W/BRASS DISK STAMPED "PS 5978"
- SET 5/8" REBAR W/ 1-1/4" RED PLASTIC SURVEY CAP STAMPED " LS 5978"
- FOUND 5/8" REBAR W/CAP STAMPED" 8478" TAGGED W/BRASS DISK STAMPED "PS 5978"
- SET PROPERTY CORNER IN CONCRETE
- 5301 — EXISTING CONTOURS
- 5305.63 — EXISTING GROUND SPOT ELEVATION
- EXISTING ELECTRICAL POLE
- 75.00 — PROPOSED SPOT ELEVATION
  TC=TOP OF CURB, FL=FLOW LINE
  TW=TOP OF WALL, BW=BOTTOM OF WALL
  EX=EXISTING, TG=TOP OF GRADE
  TA=TOP OF ASPHALT, TB=TOP OF BERM,
  TBC=TOP OF BOX CULVERT
- 21.80 — PROPOSED SPOT ELEV. PER CHANNEL PLANS
- S=2.0% — PROPOSED DIRECTION OF FLOW
- PROPOSED RETAINING WALL
- 10 — PROPOSED INDEX CONTOURS
- 02 — PROPOSED INTERMEDIATE CONTOURS
- PROPOSED CURB & GUTTER
- PROPOSED ASPHALT CURB
- EASEMENT
- EXISTING TREE
- SD — PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- EXISTING STORM DRAIN MANHOLE
- 5202.820 — AS BUILT ELEVATIONS UNDEVELOPED AREA
- 75.00 / 75.00 — AS BUILT ELEVATIONS DEVELOPED AREAS



TEMPORARY INLET STRUCTURE

N.T.S.



ENLARGED PLAN

SCALE: 1"=20'

① KEYED NOTES

1. MATCH PROPOSED CURB TO EXISTING PAVEMENT GRADE.
2. ASPHALT SURFACE TO BE FLUSH WITH TOP OF SIDEWALK
3. PROVIDE 1' WIDE x 6" DEEP CONCRETE RIBBON CHANNEL THRU LANDSCAPE ISLAND
4. PROVIDE 2- 4" PVC. DRAIN PIPE FROM FACE OF CURB TO FACE OF CURB
5. TEMPORARY INLET STRUCTURE, SEE DETAIL THIS SHEET
6. INSTALL 2' WIDE VALLEY GUTTER PER C.O.A. STD. DWG. 2415.
7. INSTALL 1' WIDE SIDEWALK CULVERT PER C.O.A. STD. DWG. 2236.
8. BUILD TYPE "A" INLET PER DETAIL, SHEET C14
9. BUILD TYPE "B" INLET PER DETAIL, SHEET C14
10. BUILD TYPE "C" INLET PER DETAIL, SHEET C13
11. CONNECT 10" STORM DRAIN TO ROOF DRAIN, SEE SHEET C2 FOR CONTINUATION. ASSUMED INVERT = 08.0 CONTRACTOR SHALL VERIFY INVERT PRIOR TO INSTALLING DOWNSTREAM PIPE.
12. CONNECT 10" PVC DRAIN LINE TO 30" RCP PER DETAIL, SHEET C6. INV OF 30" RCP = 00.59

ROUGH GRADING	(±0.5'):
APPROVED FOR ROUGH GRADING	DATE

GRADING & DRAINAGE NOTES

1. EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.

2. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.

3. ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION" BY VINYARD & ASSOCIATES, AS PROVIDED BY THE ARCHITECT OR OWNER. ALL OTHER WORK SHALL, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).

4. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.

5. IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.

6. THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. THIS SHOULD BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE PROPERTY LINES PER DETAIL ON SHEET C14 AND WETTING THE SOIL TO PROTECT IT FROM WIND EROSION.

7. A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

8. PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATION.

9. ALL PROPOSED CONTOURS REFLECT TOP OF PAVEMENT ELEVATIONS IN THE PARKING AREA AND MUST BE ADJUSTED FOR MEDIANS AND ISLANDS.

10. ALL EXISTING STRUCTURES, UNLESS OTHERWISE NOTED TO REMAIN, FENCING, TREES, & ETC., WITHIN CONSTRUCTION AREA SHALL BE REMOVED & DISPOSED OF OFF SITE. ANY BURNING ON SITE SHALL BE SUBJECT TO LOCAL ORDINANCES & LOWE'S SPECIFICATIONS.

11. ALL CORRUGATED METAL PIPES SHALL BE FULLY ASPHALT COATED OR ALUMINIZED STEEL TYPE-2. 18" & SMALLER TO BE 16 GAUGE, PIPES 24"-30" TO BE 14 GAUGE, PIPES 36"-48" SHALL BE 12 GAUGE, AND ALL PIPES LARGER THAN 48" TO BE 10 GAUGE. ALL CONCRETE PIPES SHALL BE IN ACCORDANCE TO ASTM-C-76 CLASS III.

12. ALL DRAINAGE STRUCTURES SHALL BE PRE-CAST.

13. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY.

14. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START.

15. CONTRACTOR SHALL PROVIDE 2' x 2' x 8" THICK CONCRETE APRON AT ALL CLEANOUTS OUTSIDE OF BUILDING.

16. ALL STORM DRAINAGE STRUCTURES DESIGNED FOR 100 YR., 6 HR. STORM.

17. ALL RCP IS CLASS III EXCEPT WHERE SPECIFICALLY NOTED AS CLASS IV.

18. RCP SHALL BE USED FOR ALL STORM DRAINS EXCEPT AS NOTED BELOW:
SCP - SMOOTH INTERIOR CORRUGATED PLASTIC PIPES & FITTINGS MAY BE UTILIZED FOR PIPE SIZES 24" OR SMALLER, FROM THE FOLLOWING MANUFACTURERS:

A.D.S.-N12 MFRD. BY ADVANCED DRAINAGE SYSTEMS, INC.
3300 RIVERSIDE DRIVE, COLUMBUS, OHIO 43221 ph: (614) 457-3051
-OR-
SURE LOCK MFRD. BY HANCOR INC.
P.O. BOX 1047
FINDLAY, OH. 45839-1047 ph: 1-800-537-9520
-OR-
TYPE "S" MFRD. BY LANE ENTERPRISES
34 STROHM ROAD
SHIPPENSBURG, PA 17257 ph: (717) 532-5959

SCP SHALL BE INSTALLED PER MANUFACTURER'S GUIDELINE FOR HEAVY DUTY DRAINAGE APPLICATIONS.

19. CONTRACTOR SHALL ABIDE BY & CONFORM TO LOWE'S STANDARD STORM WATER POLUTION PREVENTION PLAN & SHALL SUBMIT AN N.O.I. FORM TO THE E.P.A. FOR COVERAGE UNDER THE N.P.D.E.S. PERMIT.

BENCHMARKS

ACS aluminum cap stamped "9-C18 1985" Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 402,255.61 Y= 1,521,435.09 Δα= -00°11'19"
Ground-to-Grid Factor = 0.9996608;
ELEVATION: 5229.79
The station mark is rivited to a 2 1/2" aluminum tube with the cap projecting 0.05' above the ground, located at the southwest corner of San Pedro and Wilshire.

ACS 1 3/4" aluminum disk, stamped "ACS BM, 17-D18", epoxied to top of concrete bridge abutment, SE quadrant of San Pedro Dr. NE & South Domingo Baca Channel, 0.10 mi.± north of centerline of Ranchitos Rd., 0.10 mi.± south of centerline of Palomas Ave., 33.9 ft. east of centerline of the bridge, 10.6 ft. west of the east end of said abutment.
ELEVATION: 5236.574

RECEIVED DEC 12 2000 HYDROLOGY SECTION

DRAINAGE CERTIFICATION

AS-BUILT ELEVATIONS ARE SHOWN ON THE PLAN IN LOCATIONS WHERE THE ORIGINAL DESIGN ELEVATION HAS BEEN CROSSED OUT AND THE NEW ELEVATION IS LISTED. ELEVATIONS WERE PROVIDED BY BOHANNAN HUSTON INC. PROFESSIONAL LAND SURVEYOR.

NOTES:

I, BRUCE J. STIDWORTHY, OF BOHANNAN HUSTON INC., A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE DRAINAGE IMPROVEMENTS HAVE BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED DRAINAGE PLAN, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BRUCE J. STIDWORTHY, P.E. 12/12/00
N.M.P.E. # 14523 DATE:

BRUCE J. STIDWORTHY NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER

Bohannan Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW M
ENGINEERS PLANNERS PHOTOGRAMMETRISTS

No:	DATE:	REVISIONS:

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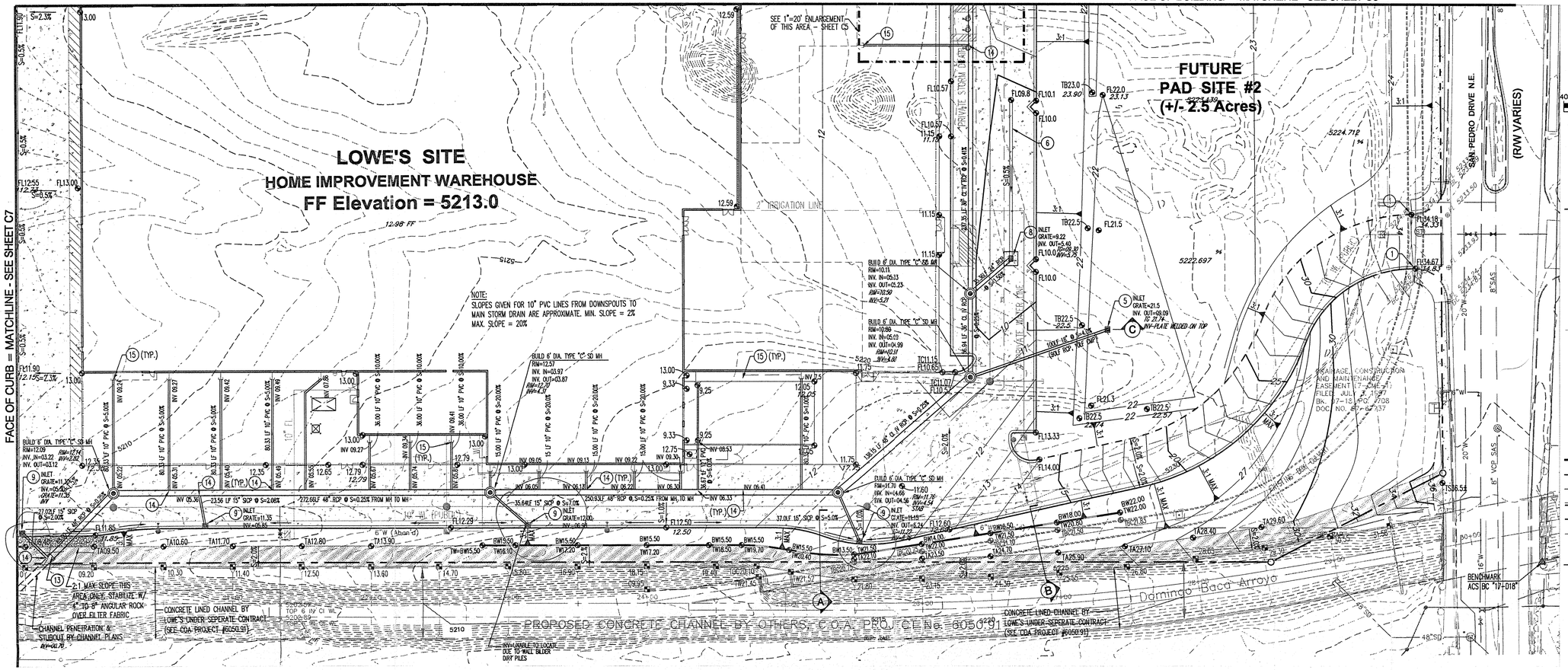
LOWE'S OF

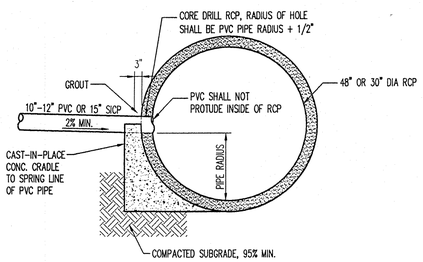
BRUCE J. STIDWORTHY NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER
1/3/00

GRADING / DRAINAGE PLAN

Job No: 00 179
Date: 01/03/00
Scale: 1"=40'
Drawn: RWB
Checked: BJS
Sheet No: C5

D-18/D14





PVC-RCP CONNECTION DETAIL
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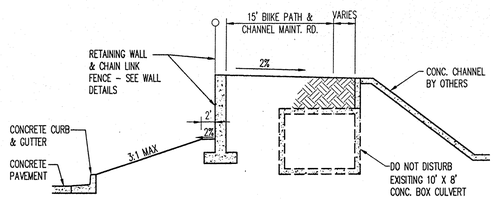

SECTION "A"
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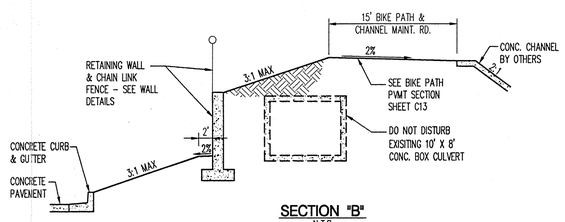

SECTION "B"
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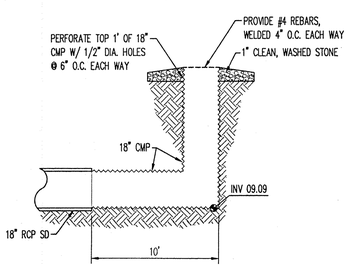
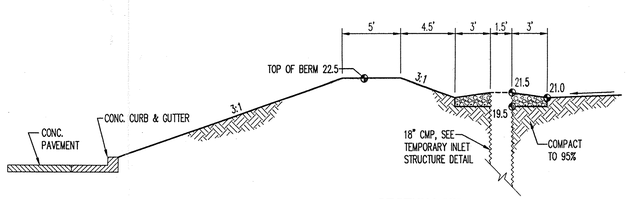


TEMPORARY INLET STRUCTURE
N.T.S.



SECTION "C"
N.T.S.

① KEYED NOTES

1. MATCH PROPOSED CURB TO EXISTING
2. ASPHALT SURFACE TO BE FLUSH WITH TOP OF SIDEWALK
3. PROVIDE 1' WIDE x 6" DEEP CONCRETE RIBBON CHANNEL THRU LANDSCAPE ISLAND
4. PROVIDE 2- 4" PVC. DRAIN PIPE FROM FACE OF CURB TO FACE OF CURB
5. TEMPORARY INLET STRUCTURE, SEE DETAIL THIS SHEET
6. INSTALL 2' WIDE VALLEY GUTTER PER C.O.A. STD. DWG. 2415.
7. INSTALL 1' WIDE SIDEWALK CULVERT PER C.O.A. STD. DWG. 2236.
8. BUILD TYPE "A" INLET PER DETAIL, SHEET C14
9. BUILD TYPE "B" INLET PER DETAIL, SHEET C14
10. BUILD TYPE "C" INLET PER DETAIL, SHEET C13
11. CONNECT 10" STORM DRAIN TO ROOF DRAIN, SEE PLUMBING PLANS FOR CONTINUATION. ASSUMED INVERT = 08.0. CONTRACTOR SHALL VERIFY INVERT PRIOR TO INSTALLING DOWNSTREAM PIPE.
12. CONNECT 10" PVC DRAIN LINE TO 30" RCP PER DETAIL, SHEET C6.
13. CONNECT 48" RCP TO THE 48" STUB FROM CHANNEL, INV = 02.96
14. CONNECT PVC OR SICP TO RCP SD PER DETAIL, THIS SHEET. SEE PLAN FOR INVERT OF PVC.
15. CONNECT DRAIN LINE TO ROOF DRAIN. SEE MECHANICAL PLANS FOR CONTINUATION. VERIFY ROOF DRAIN INVERT BEFORE CONSTRUCTING DOWNSTREAM LINE.

GRADING & DRAINAGE NOTES

1. EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.

2. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.

3. ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION" BY VINYARD & ASSOCIATES, AS PROVIDED BY THE ARCHITECT OR OWNER. ALL OTHER WORK SHALL, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).

4. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.

5. IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.

6. THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. THIS SHOULD BE ACHEVED BY CONSTRUCTING TEMPORARY BERMS AT THE PROPERTY LINES PER DETAIL ON SHEET C14 AND WETTING THE SOIL TO PROTECT IT FROM WIND EROSION.

7. A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

8. PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATION.

9. ALL PROPOSED CONTOURS REFLECT TOP OF PAVEMENT ELEVATIONS IN THE PARKING AREA AND MUST BE ADJUSTED FOR MEDIANS AND ISLANDS.

10. ALL EXISTING STRUCTURES, UNLESS OTHERWISE NOTED TO REMAIN, FENCING, TREES, & ETC., WITHIN CONSTRUCTION AREA SHALL BE REMOVED & DISPOSED OF OFF SITE. ANY BURNING ON SITE SHALL BE SUBJECT TO LOCAL ORDINANCES & LOWE'S SPECIFICATIONS.

11. ALL CORRUGATED METAL PIPES SHALL BE FULLY ASPHALT COATED OR ALUMINIZED STEEL TYPE-2. 18" & SMALLER TO BE 16 GAUGE, PIPES 24"-30" TO BE 14 GAUGE, PIPES 36"-48" SHALL BE 12 GAUGE, AND ALL PIPES LARGER THAN 48" TO BE 10 GAUGE. ALL CONCRETE PIPES SHALL BE IN ACCORDANCE TO ASTM-C-76 CLASS III.

12. ALL DRAINAGE STRUCTURES SHALL BE PRE-CAST.

13. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY.

14. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START.

15. CONTRACTOR SHALL PROVIDE 2' x 2' x 8" THICK CONCRETE APRON AT ALL CLEANOUTS OUTSIDE OF BUILDING.

16. ALL STORM DRAINAGE STRUCTURES DESIGNED FOR 100 YR., 6 HR. STORM.

17. ALL RCP IS CLASS III EXCEPT WHERE, SPECIFICALLY NOTED AS CLASS IV.

18. RCP SHALL BE USED FOR ALL STORM DRAINS EXCEPT AS NOTED BELOW:
SICP - SMOOTH INTERIOR CORRUGATED PLASTIC PIPES & FITTINGS MAY BE UTILIZED FOR PIPE SIZES 24" OR SMALLER, FROM THE FOLLOWING MANUFACTURERS:

A.D.S.-N12 MFRD. BY ADVANCED DRAINAGE SYSTEMS, INC.
3300 RIVERSIDE DRIVE, COLUMBUS, OHIO 43221 ph: (614) 457-3051
-OR-
SURE LOCK MFRD. BY HANCOR INC.
P.O. BOX 1047
FINDLAY, OH. 45839-1047 ph: 1-800-537-9520
-OR-
TYPE "S" MFRD. BY LANE ENTERPRISES
34 STROHM ROAD
SHIPPENSBURG, PA 17257 ph: (717) 532-5959

SICP SHALL BE INSTALLED PER MANUFACTURER'S GUIDELINE FOR HEAVY DUTY DRAINAGE APPLICATIONS.

ROUGH GRADING	(±0.5'):
APPROVED FOR ROUGH GRADING	DATE

BENCHMARKS

ACS aluminum cap stamped "9-C18 1985" Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 402,255.61 Y= 1,521,435.09
Ground-to-Grid Factor = 0.9996608; Δα= -0011'19"
ELEVATION: 5229.79
The station mark is rivited to a 2 1/2" aluminum tube with the cap projecting 0.05' above the ground, located at the southwest corner of San Pedro and Wilshire.

ACS 1 3/4" aluminum disk, stamped "ACS BM, 17-D18", epoxied to top of concrete bridge abutment, SE quadrant of San Pedro Dr. NE & South Domingo Baca Channel, 0.10 mi.± north of centerline of Ranchitos Rd., 0.10 mi.± south of centerline of Palomas Ave., 33.9 ft. east of centerline of the bridge, 10.6 ft. west of the east end of said abutment.
ELEVATION: 5236.574

RECEIVED
DEC 12 2000
HYDROLOGY SECTION

DRAINAGE CERTIFICATION

AS-BUILT ELEVATIONS ARE SHOWN ON THE PLAN IN LOCATIONS WHERE THE ORIGINAL DESIGN ELEVATION HAS BEEN CROSSED OUT AND THE NEW ELEVATION IS LISTED. ELEVATIONS WERE PROVIDED BY BOHANNAN HUSTON INC. PROFESSIONAL LAND SURVEYOR.

NOTES:

I, BRUCE J. STIDWORTHY, OF BOHANNAN HUSTON INC., A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE DRAINAGE IMPROVEMENTS HAVE BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED DRAINAGE PLAN, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BRUCE J. STIDWORTHY, P.E.
N.M. P.E. NO. 14523
DATE 10/5/00

BRUCE J. STIDWORTHY NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER
12/12/00

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

No:	DATE:	REVISIONS:

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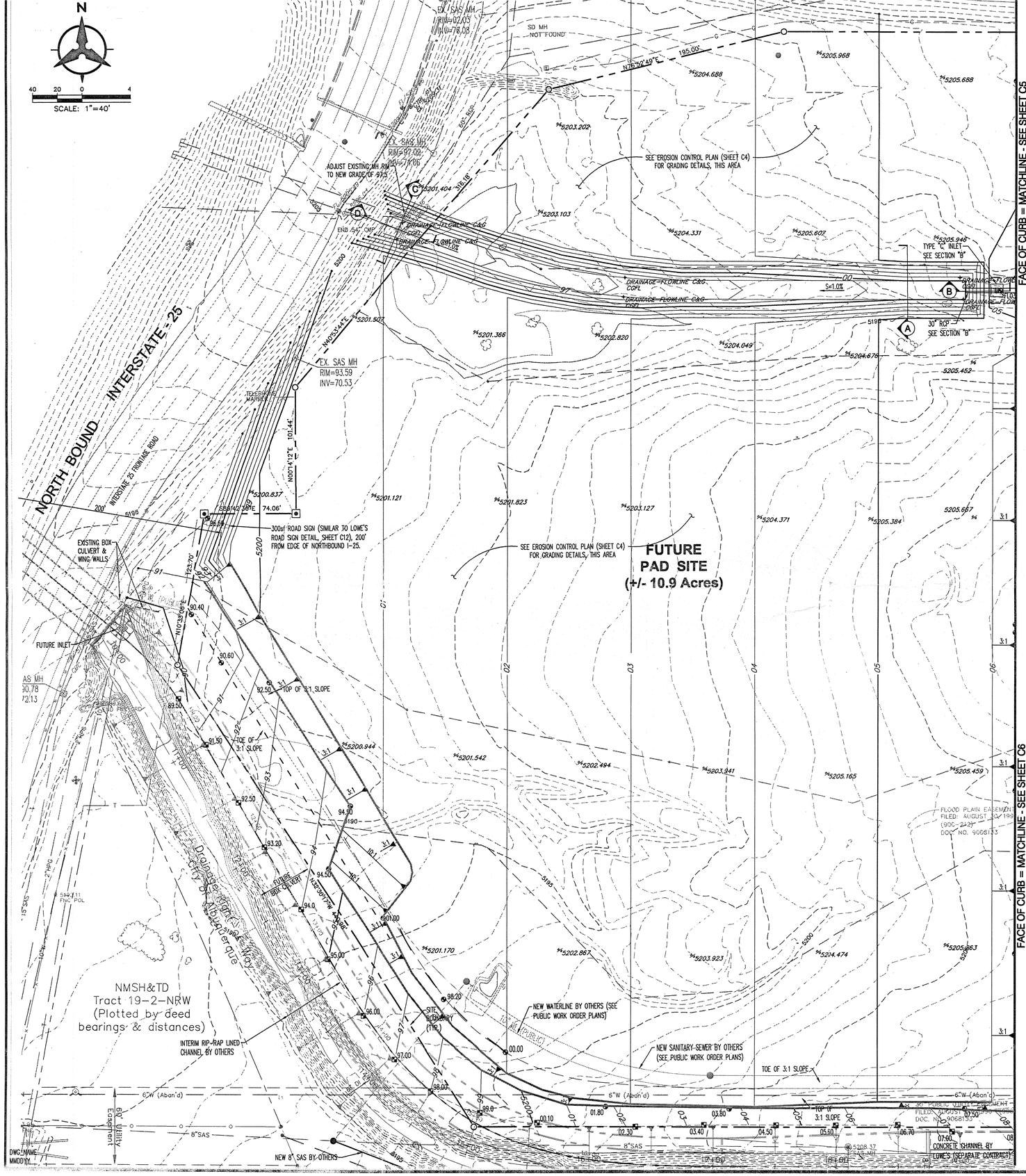
LOWE'S OF NE ALBUQUERQUE, NM.

BRUCE J. STIDWORTHY NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER
1/3/00

GRADING / DRAINAGE PLAN

Job No:	00 179
Date:	01/03/00
Scale:	1"=40'
Drawn:	RWB
Checked:	BJS
Sheet No:	C6

DWG_NAME
MMDDYY



GRADING & DRAINAGE NOTES

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12. ALL DRAINAGE STRUCTURES SHALL BE PRE-CAST.

13. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY.

14. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START.

15. CONTRACTOR SHALL PROVIDE 2' x 2' x 8" THICK CONCRETE APRON AT ALL CLEANOUTS OUTSIDE OF BUILDING.

16. ALL STORM DRAINAGE STRUCTURES DESIGNED FOR 100 YR., 6 HR. STORM.

17. ALL RCP IS CLASS III EXCEPT WHERE SPECIFICALLY NOTED AS CLASS IV.

18. RCP SHALL BE USED FOR ALL STORM DRAINS EXCEPT AS NOTED BELOW:
SCP - SMOOTH INTERIOR CORRUGATED PLASTIC PIPES & FITTINGS MAY BE UTILIZED FOR PIPE SIZES 24" OR SMALLER, FROM THE FOLLOWING MANUFACTURERS:

A.D.S.-N12 MFRD. BY ADVANCED DRAINAGE SYSTEMS, INC.
3300 RIVERSIDE DRIVE, COLUMBUS, OHIO 43221 ph: (614) 457-3051
-OR-
SURE LOCK MFRD. BY HANCOR INC.
P.O. BOX 1047
FINDLAY, OH. 45839-1047 ph: 1-800-537-9520
-OR-
TYPE "S" MFRD. BY LANE ENTERPRISES
34 STROHM ROAD
SHIPPENSBURG, PA 17257 ph: (717) 532-5959

SCP SHALL BE INSTALLED PER MANUFACTURER'S GUIDELINE FOR HEAVY DUTY DRAINAGE APPLICATIONS.

DRAINAGE CERTIFICATION

AS-BUILT ELEVATIONS ARE SHOWN ON THE PLAN IN LOCATIONS WHERE THE ORIGINAL DESIGN IN ELEVATION HAS BEEN CROSSED OUT AND THE NEW ELEVATION IS LISTED. ELEVATIONS WERE PROVIDED BY BOHANNAN HUSTON INC., PROFESSIONAL LAND SURVEYOR.

NOTES:

I, BRUCE J. STIDWORTHY, OF BOHANNAN HUSTON INC., A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE DRAINAGE IMPROVEMENTS HAVE BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED DRAINAGE PLAN, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Bruce J. Stidworthy 12/12/00
BRUCE J. STIDWORTHY, P.E.
N.M.P.E. NO. 14523

BRUCE J. STIDWORTHY NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER
Bruce J. Stidworthy 12/12/00

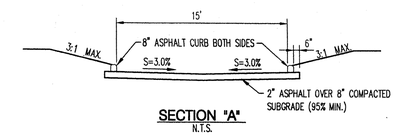
BENCHMARKS

ACS aluminum cap stamped "9-C18 1985" Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 402,255.61 Y= 1,521,435.09
Ground-to-Grid Factor = 0.9996608; Δα= -00°11'19"
ELEVATION: 5229.79
The station mark is rivited to a 2 1/2" aluminum tube with the cap projecting 0.05' above the ground, located at the southwest corner of San Pedro and Wilshire.

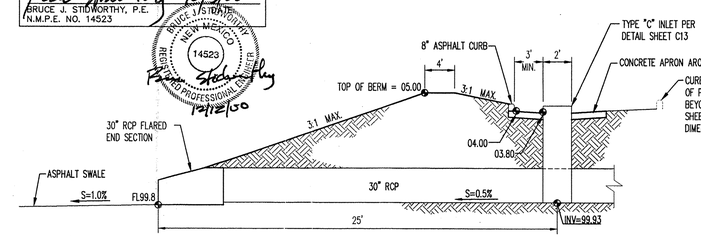
ACS 1 3/4" aluminum disk, stamped "ACS BM, 17-D18", epoxied to top of concrete bridge abutment, SE quadrant of San Pedro Dr. NE & South Domingo Baca Channel, 0.10 mi.± north of centerline of Ronchitos Rd., 0.10 mi.± south of centerline of Palomas Ave., 33.9 ft. east of centerline of the bridge, 10.6 ft. west of the east end of said abutment.
ELEVATION: 5236.574

LEGEND

	PROPERTY LINE
△	CITY OF ALBUQUERQUE SURVEY CONTROL MONUMENT
●	FOUND 5/8" REBAR TAGGED W/BRASS DISK STAMPED "PS 5978"
○	SET 5/8" REBAR W/ 1-1/4" RED PLASTIC SURVEY CAP STAMPED " LS 5978"
⊡	FOUND 5/8" REBAR W/CAP STAMPED" 8478" TAGGED W/BRASS DISK STAMPED "PS 5978"
×	SET PROPERTY CORNER IN CONCRETE
5301	EXISTING CONTOURS
× 5305.63	EXISTING GROUND SPOT ELEVATION
	EXISTING ELECTRICAL POLE
75.00	PROPOSED SPOT ELEVATION TO=TOP OF CURB, FL=FLOW LINE TW=TOP OF WALL, BW=BOTTOM OF WALL EX=EXISTING, TG=TOP OF GRADE TA=TOP OF ASPHALT, TB=TOP OF BERM, TBC=TOP OF BOX CULVERT
21.80	PROPOSED SPOT ELEV. PER CHANNEL PLANS
S=2.0%	PROPOSED DIRECTION OF FLOW
	PROPOSED RETAINING WALL
10	PROPOSED INDEX CONTOURS
02	PROPOSED INTERMEDIATE CONTOURS
	PROPOSED CURB & GUTTER
	PROPOSED ASPHALT CURB
	EASEMENT
	EXISTING TREE
SD	PROPOSED STORM DRAIN LINE
	PROPOSED STORM DRAIN MANHOLE
	PROPOSED STORM DRAIN INLET
	EXISTING STORM DRAIN MANHOLE
5202.820	AS BUILT ELEVATIONS UNDEVELOPED AREA
75.00 / 75.00	AS BUILT ELEVATIONS DEVELOPED AREA



SECTION "A"
N.T.S.



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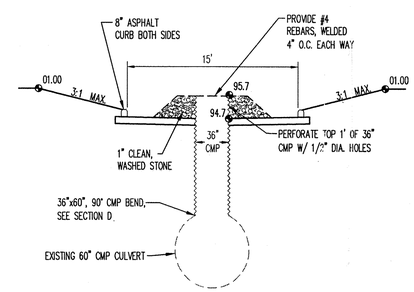

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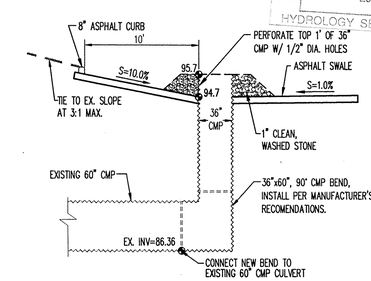

SECTION "D"
N.T.S.

RECEIVED DEC 12 2000 HYDROLOGY SECTION

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

REVISIONS:
No: DATE:

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LOWE'S OF NE ALBUQUERQUE, NM.

BRUCE J. STIDWORTHY NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER
Bruce J. Stidworthy 1/3/00

GRADING / DRAINAGE PLAN

Job No: 00 179
Date: 01/03/00
Scale: 1"=40'
Drawn: RWB
Checked: BJS
Sheet No: C7