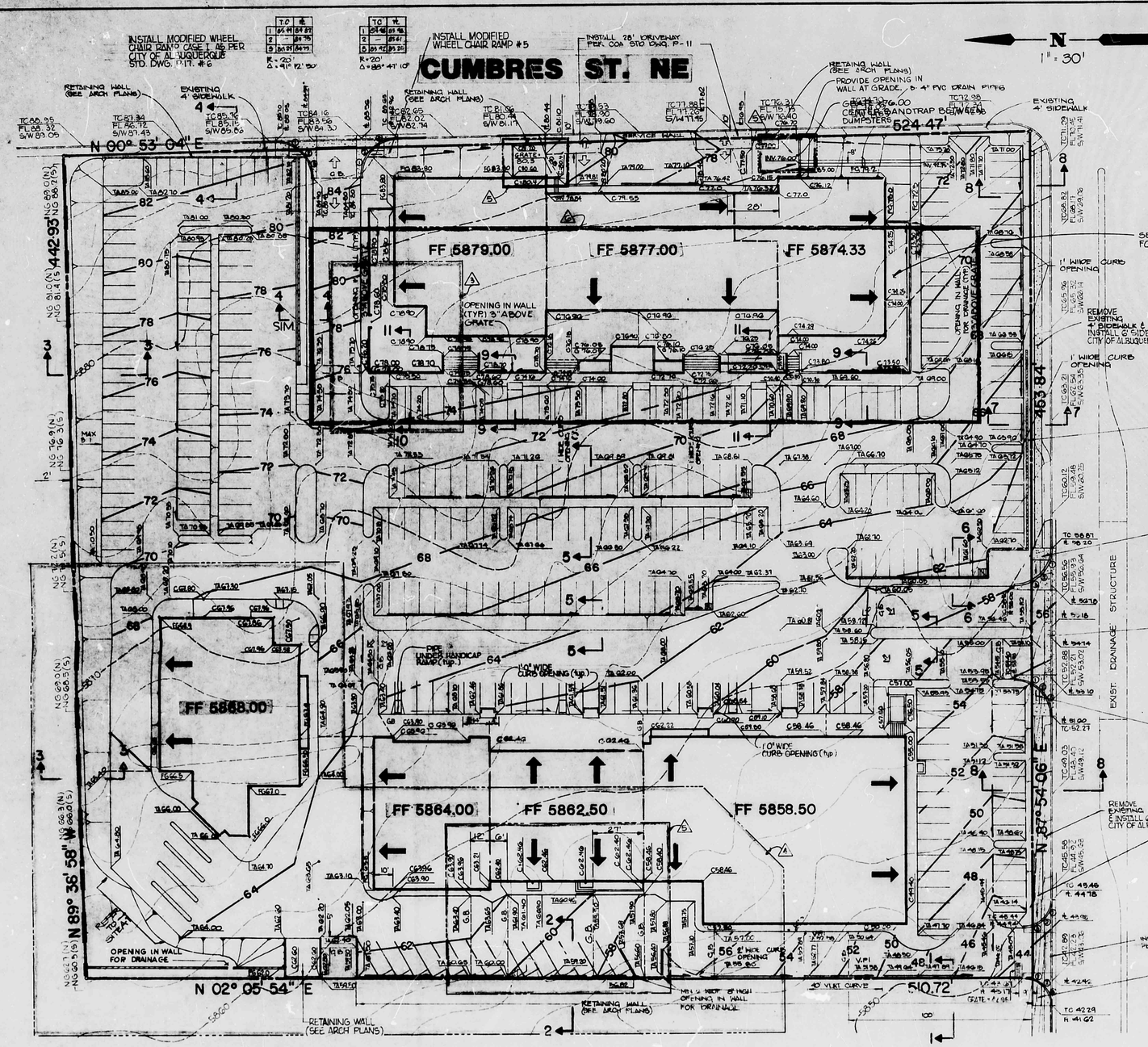
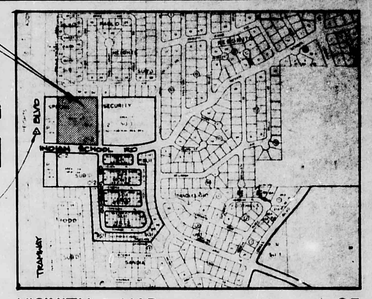




VICINITY MAP J-23

NOTES:

1. Two (2) working days prior to any excavation, Contractor shall contact Line Locating Service at 765-1234, for locations of existing lines.

LEGAL DESCRIPTION

Area 2, Sproul-Security Sub. No. 2, March 29, 1972, VOLUME: C-8, FOLIO: 117.

BENCH MARK:

ACS 1-J23-A, 1982 - Standard ACS Brass Tablet in Con. Mon. in 11" Dia. Mon. Box, 182' North of Intersection of Tramway Blvd. and Indian School Road in Median.
Elevation = 5840.58
Source: ACS Book, Page C-699 with Rev. No. 7

LEGEND

5860	EXISTING CONTOUR
64	FINISH PAVEMENT CONTOUR
T.C.	TOP OF CURB ELEV
℄	FLOW LINE ELEV
B/W	BACK OF WALK ELEV
TA	TOP OF ASPHALT ELEV
C	TOP OF CONCRETE ELEV
FG	FINISH GROUND ELEV
	SWALE LINE
G.B.	GRADE BREAK
	SHEET FLOW
	STAIRS
	SLOPE LIMITS
	RETAINING WALL
FF	FINISH FLOOR ELEV
2 2	SECTION NUMBER - SEE DETAIL SHEET
	CATCH BASIN - SEE UTILITY PLAN FOR PIPING
COA STD DWG	CITY OF ALBUQUERQUE STANDARD DETAIL DRAWINGS
	ROOF DRAINAGE (SEE MECH PLANS)
G	GRATE

NOTE: ALL SIDEWALKS TO HAVE MINIMUM 1/8":1'-0" SLOPE AWAY FROM BUILDINGS

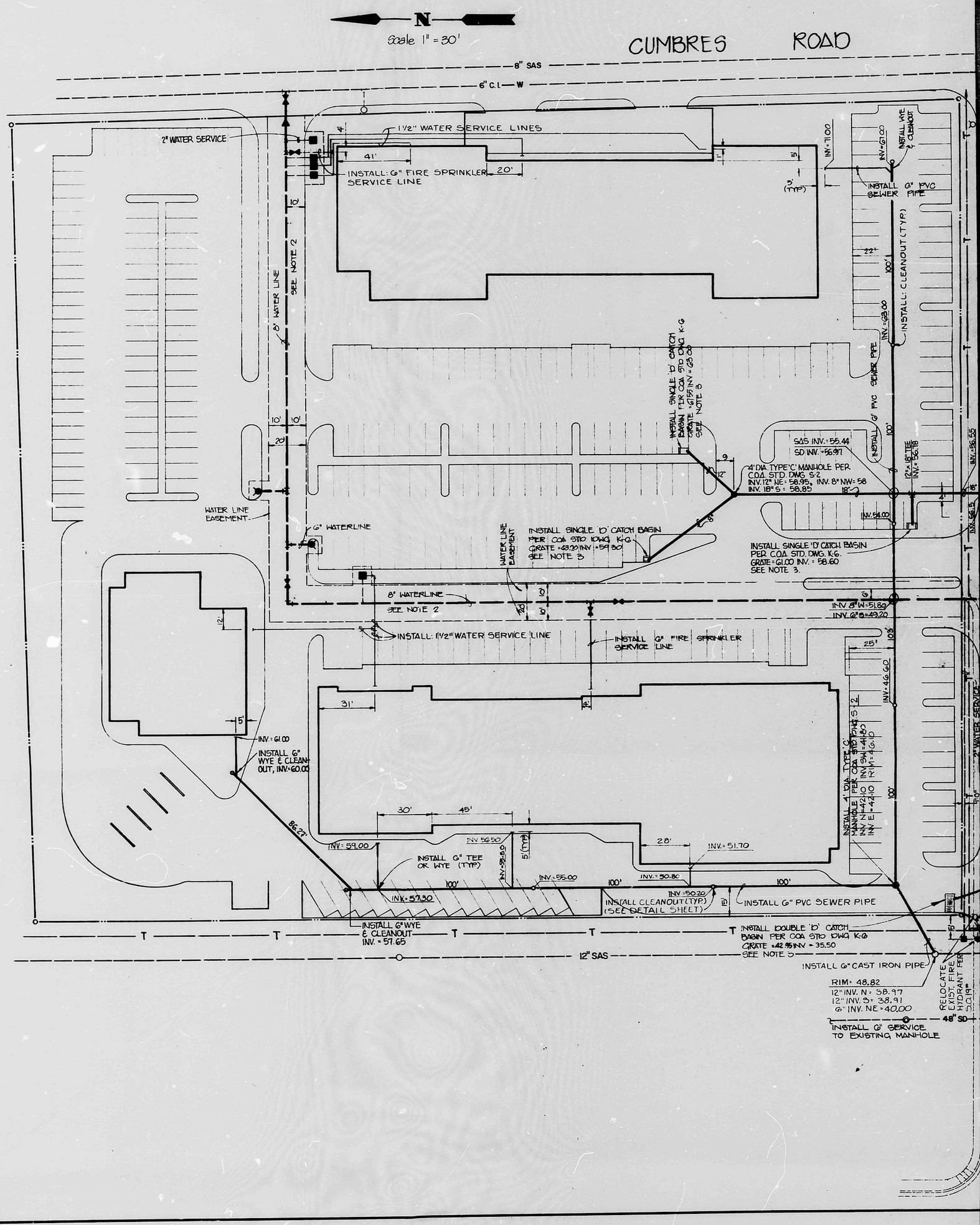
REVISED 11-19-86
REVISED 10-31-86
REVISED 10-23-86
REVISED 9-26-86
REVISED 9-2-86
REVISED 7-1-86

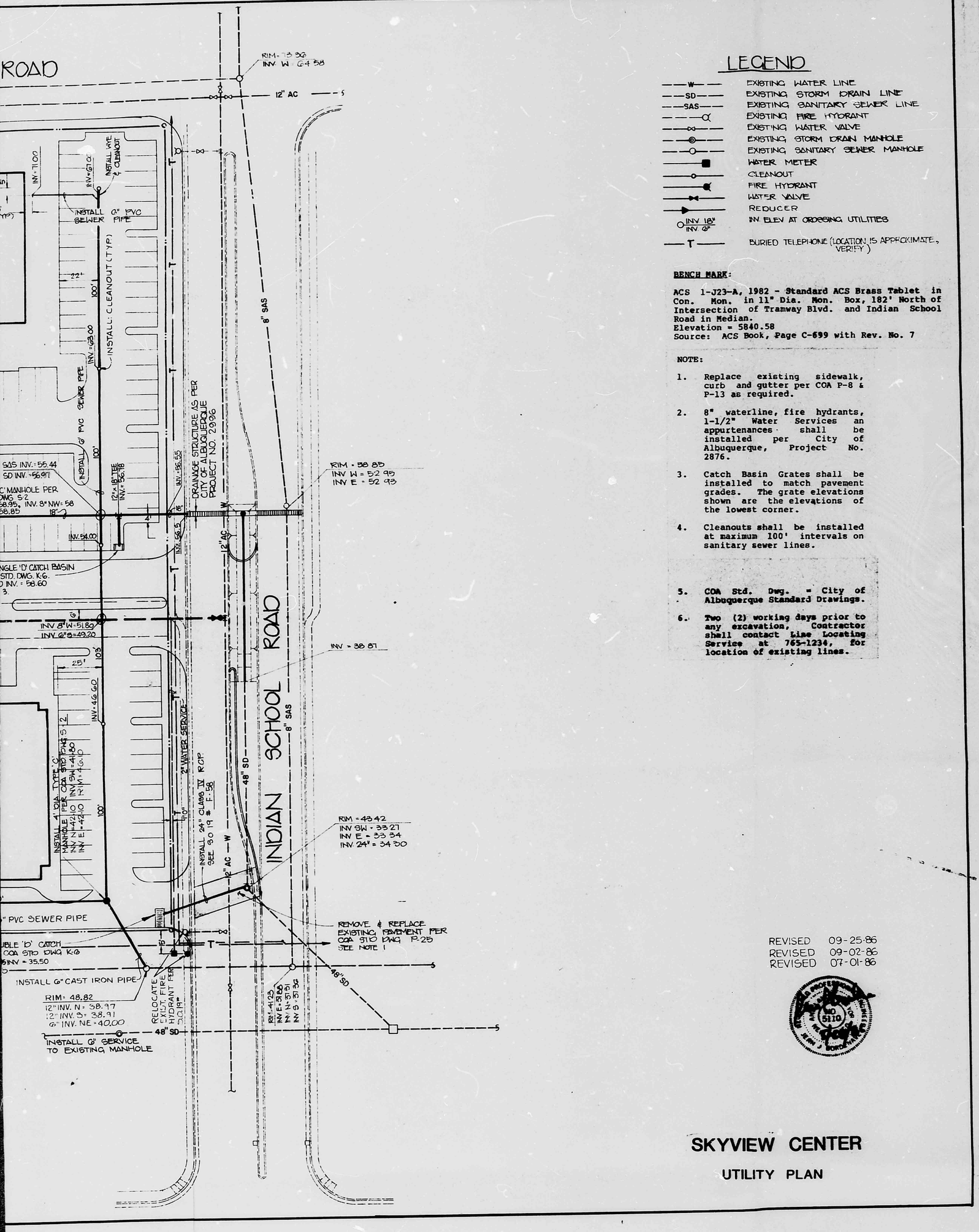
RECEIVED NOV 19 1986 HYDROLOGY SECTION

SKYVIEW CENTER

GRADING PLAN

PRINTED NOV 19 1986


N
Scale 1" = 30'
CUMBRES ROAD
8" SAS
6" C.I. W
2" WATER SERVICE
1 1/2" WATER SERVICE LINES
INSTALL: 6" FIRE SPRINKLER SERVICE LINE
41'
20'
INV. = 71.00
INV. = 61.00
INSTALL WYE & CLEANOUT
INSTALL SEWER 6" PVC PIPE
INSTALL: CLEANOUT (TYP.)
8" WATER LINE
SEE NOTE 2
INV. = 63.00
INSTALL SINGLE 'D' CATCH BASIN PER COA STD DWG K-6 GRATE = 61.95 INV = 63.00 SEE NOTE 3
INSTALL 6" PVC SEWER PIPE
SAS INV. = 55.44
SD INV. = 56.97
4' DIA. TYPE 'C' MANHOLE PER COA. STD. DWG. S-2
INV. 12" NE = 58.95, INV. 8" NW = 58
INV. 18" S = 58.85
12"x 18" TEE INV. = 56.18
INV. = 56.55
INV. = 56.5
WATER LINE EASEMENT
6" WATERLINE
INSTALL SINGLE 'D' CATCH BASIN PER COA STD DWG K-6 GRATE = 63.20 INV = 59.30 SEE NOTE 3
INV. 54.00
INSTALL SINGLE 'D' CATCH BASIN PER COA. STD. DWG. K-6. GRATE = 61.00 INV. = 58.60 SEE NOTE 3.
8" WATERLINE
SEE NOTE 2
INV 8" W = 51.80
INV 6" S = 49.20
INSTALL: 1 1/2" WATER SERVICE LINE
INSTALL 6" FIRE SPRINKLER SERVICE LINE
25'
INV. = 46.60
31'
INV. = 61.00
INSTALL 6" WYE & CLEANOUT, INV. = 60.00
INSTALL 4' DIA. TYPE 'C' MANHOLE PER COA STD DWG S-2 INV. N = 42.10 INV. SW = 41.85 INV. E = 42.10 RIM = 46.10
2" WATER SERVICE
30'
45'
86.27'
INV. = 59.00
INV. 56.50
INV. = 52.50
5' (TYP.)
28'
INV. = 51.70
INSTALL 6" TEE OR WYE (TYP.)
INV. = 55.00
INV. = 50.80
100'
INV. = 57.30
INV. = 50.20
INSTALL CLEANOUT (TYP.) (SEE DETAIL SHEET)
INSTALL 6" PVC SEWER PIPE
INSTALL 6" WYE & CLEANOUT INV. = 57.65
INSTALL DOUBLE 'D' CATCH BASIN PER COA STD DWG K-6 GRATE = 42.95 INV = 35.50 SEE NOTE 3
12" SAS
INSTALL 6" CAST IRON PIPE
RIM = 48.82
12" INV. N = 38.97
12" INV. S = 38.91
6" INV. NE = 40.00
RELOCATE EXIST. FIRE HYDRANT PER S.D. 19
48" SD
INSTALL 6" SERVICE TO EXISTING MANHOLE



LEGEND

—W—	EXISTING WATER LINE
—SD—	EXISTING STORM DRAIN LINE
—SAS—	EXISTING SANITARY SEWER LINE
	EXISTING FIRE HYDRANT
	EXISTING WATER VALVE
	EXISTING STORM DRAIN MANHOLE
	EXISTING SANITARY SEWER MANHOLE
	WATER METER
	CLEANOUT
	FIRE HYDRANT
	WATER VALVE
	REDUCER
INV 18" / INV 2"	INV. ELEV AT CROSSING UTILITIES
—T—	BURIED TELEPHONE (LOCATION IS APPROXIMATE, VERIFY)

BENCH MARK:

ACS 1-J23-A, 1982 - Standard ACS Brass Tablet in Con. Mon. in 11" Dia. Mon. Box, 182' North of Intersection of Tramway Blvd. and Indian School Road in Median.
Elevation = 5840.58
Source: ACS Book, Page C-699 with Rev. No. 7

NOTE:

1. Replace existing sidewalk, curb and gutter per COA P-8 & P-13 as required.
2. 8" waterline, fire hydrants, 1-1/2" Water Services an appurtenances shall be installed per City of Albuquerque, Project No. 2876.
3. Catch Basin Grates shall be installed to match pavement grades. The grate elevations shown are the elevations of the lowest corner.
4. Cleanouts shall be installed at maximum 100' intervals on sanitary sewer lines.
5. COA Std. Dwg. = City of Albuquerque Standard Drawings.
6. Two (2) working days prior to any excavation, Contractor shall contact Line Locating Service at 765-1234, for location of existing lines.

REVISED 09-25-86
REVISED 09-02-86
REVISED 07-01-86

SKYVIEW CENTER

UTILITY PLAN

design collaborative sw
105 fourth street s.w.
albuquerque, new mexico 87102
(505) 843-9639

revisions:

engineer:

STATE OF NEW MEXICO
MARC EDWARD SCHIFF
NO. 1345
REGISTERED ARCHITECT

architect:

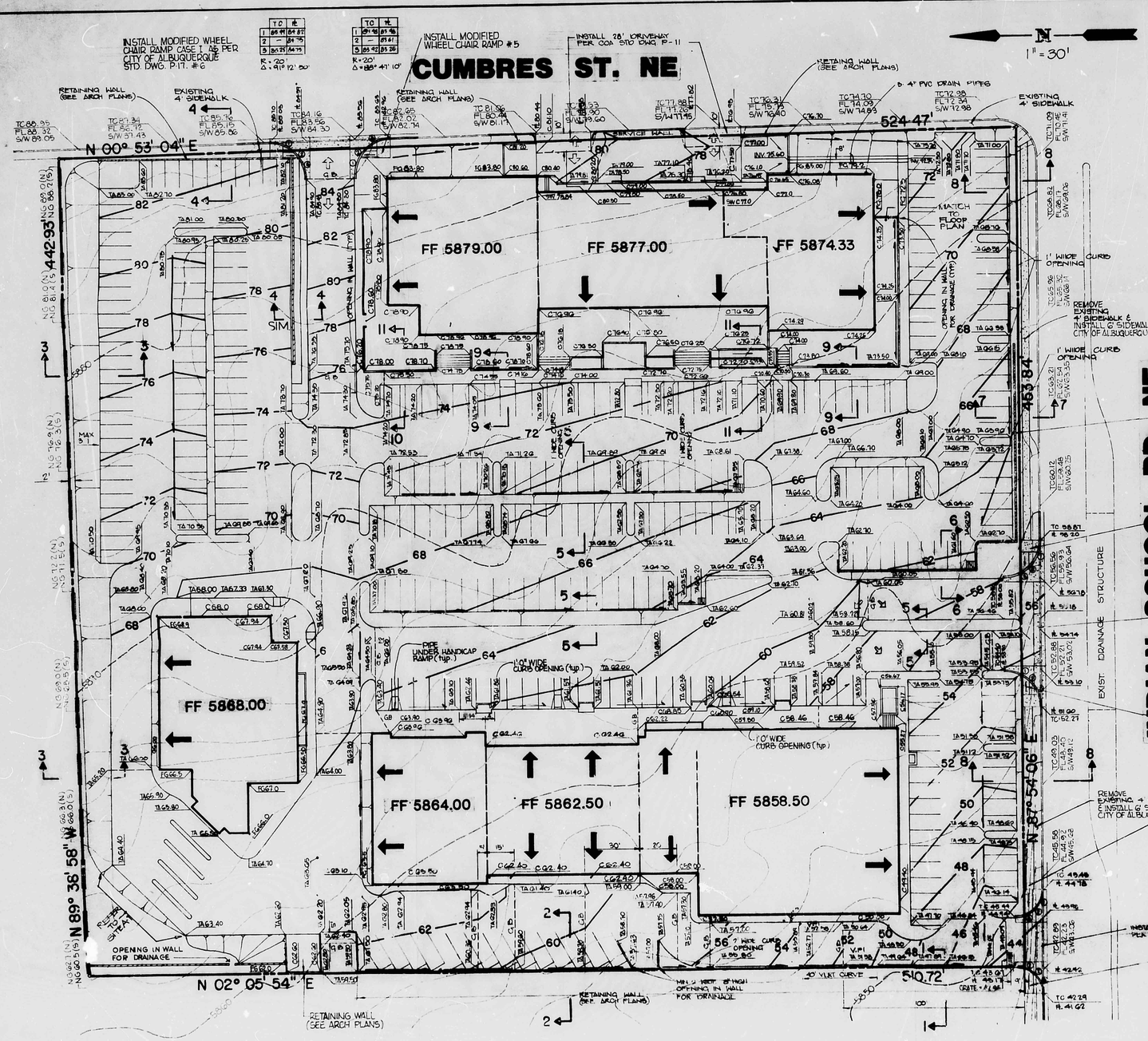
SKYVIEW CENTER
UTILITY PLAN

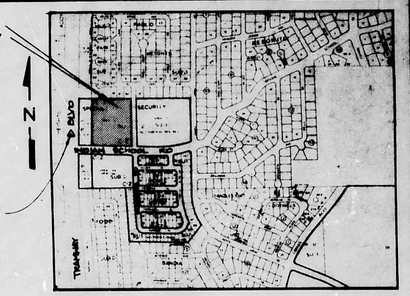
10155
project no.

JULY 1986
date:

RECEIVED
SEP 25 1986
HYDROLOGY SECTION

SHEET C-2 OF 7





VICINITY MAP J-23

NOTES:

1. Two (2) working days prior to any excavation, Contractor shall contact Line Locating Service at 765-1234, for locations of existing lines.

LEGAL DESCRIPTION

Area 2, Sproul-Security Sub. No. 2, March 29, 1972, VOLUME: C-8, FOLIO: 117.

BENCH MARK:

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Elevation = 5840.58
Source: ACS Book, Page C-699 with Rev. No. 7

LEGEND

5860	EXISTING CONTOUR
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	SWALE LINE
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	STAIRS
	SLOPE LIMITS
	RETAINING WALL
FF	FINISH FLOOR ELEV
2 2	SECTION NUMBER -SEE DETAIL SHEET
	CATCH BASIN -SEE UTILITY PLAN FOR PIPING
COA STD DWG	CITY OF ALBUQUERQUE STANDARD DETAIL DRAWINGS
	ROOF DRAINAGE (SEE MECH PLANS)

NOTE: ALL SIDEWALKS TO HAVE MINIMUM 1/8":1'-0" SLOPE AWAY FROM BUILDINGS

RECEIVED OCT 02 1986 HYDROLOGY SECTION

REVISED 9-26-86
REVISED 9-2-86
REVISED 7-1-86

SKYVIEW CENTER

GRADING PLAN

CONSTRUCTION PLANS

FOR

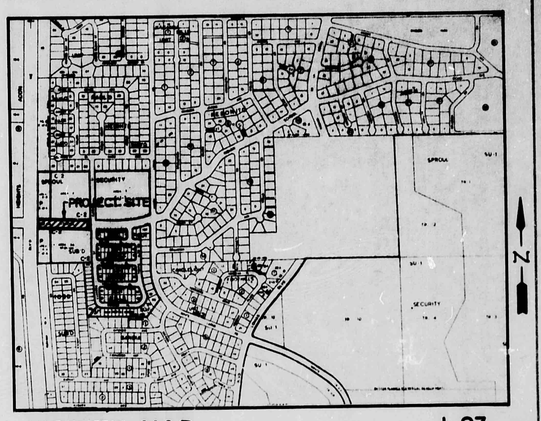
LEFT TURNBAY
INDIAN SCHOOL ROAD NE
EAST OF TRAMWAY BLVD NE

CITY OF ALBUQUERQUE

NEW MEXICO

INDEX OF DRAWINGS

SHEET	DESCRIPTION
1	COVER SHEET
2	PLAN & PROFILE
3	SECTIONS & DETAILS



VICINITY MAP J·23

GENERAL NOTES

1. All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for herein, be constructed in accordance with "City of Albuquerque Interim Standard Specifications Public Works Construction, 1985".
2. Two (2) working days prior to any excavation, Contractor shall contact Line Locating Service 765-1234/ for location of existing lines.
3. References made to Standard Drawings refer to City of Albuquerque Standard Detail Drawings.
4. Dimensions shown are to the face of curb unless otherwise noted.
5. Stations shown are centerline stations.
6. Prior to construction, the Contractor shall excavate and verify the horizontal and vertical locations of all obstructions. Should a conflict exist, the Contractor shall notify the engineer or so that the conflict can be resolved with a minimum amount of delay.
7. All utilities and utility service lines shall be installed prior to paving.
8. Tack coat requirements shall be determined by the City Engineer.
9. Backfill compaction shall be according to specified street use.
10. Measurement for payment of subgrade preparation for roadway pavement will be made along the plane of the work and from lip of gutter to lip of gutter or edge of pavement as applicable.
11. Subgrade preparation under curb and gutter including one (1) foot behind back of curb, under valley gutters, under median pavement and sidewalks shall be considered incidental to the construction of such and shall be included in the bid price for such items.
12. A disposal site for all excess earth material and for removal items shall be obtained by the Contractor. The site shall be in compliance with applicable environmental regulations and approved by the City Engineering Department. All costs incurred in obtaining a disposal site and haul thereto shall be considered incidental to construction and no direct payment will be made therefor.
13. All permanent pavement marking and traffic signing will be performed by the City of Albuquerque, Traffic Engineering Department.
14. It will be the responsibility of the Contractor to support all gas main and service lines where they are within the area of excavation.
15. **The contractor shall prepare and submit a detailed traffic control plan, which is subject to the approval of the City Traffic Engineer, three (3) working days in advance of any required closures. See SECTION 19 of the General Conditions.**

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

APPROVAL OF REVISIONS

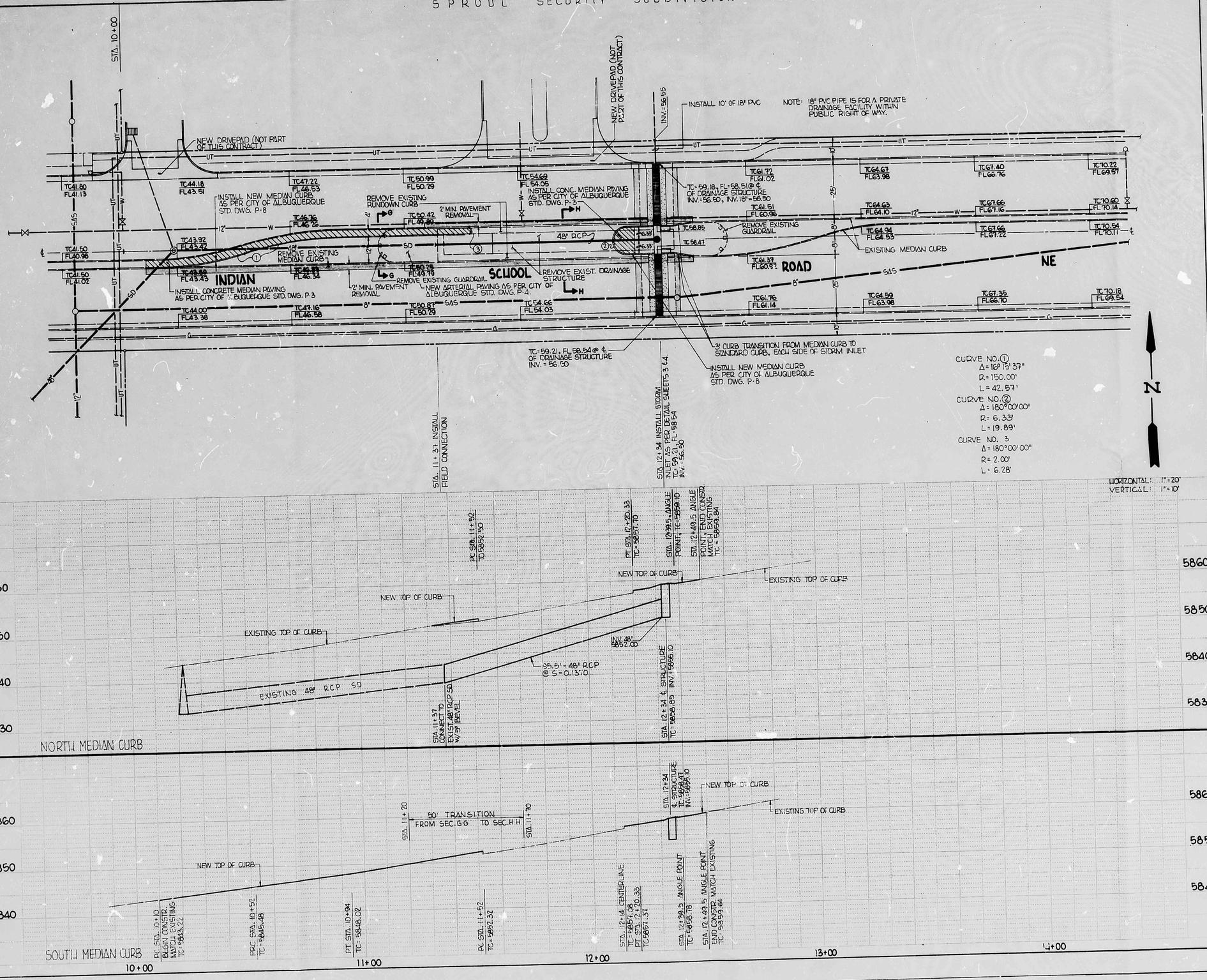
RECEIVED SEP 05 1986 HYDROLOGY SECTION

APPROVED FOR CONSTRUCTION

C.E.

SHEET 1 OF 4

SPROUL SECURITY SUBDIVISION NO. 2 AREA 2



NOTES:

1) ALL STORM DRAIN PIPE SHALL BE CLASS IV RCP, SIZE AS SHOWN.

2) STA. 10+00 = OF INDIAN SCHOOL ROAD NE AT THE PROJECTION OF THE SW CORNER OF SPROUL - SECURITY SUBDIVISION NO. 2, AREA 2.

3) ALL REINFORCING STEEL SHALL BE ASTM A615 GRADE 60.

4) CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH fc = 3000 PSI @ 28 DAYS, CONCRETE SHALL BE PER CITY STANDARD SPECIFICATIONS AND AIR ENTRAINED.

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

BENCH MARKS
ACS BRASS TABLET STAMPED 1-J23-A, 1982
ELEV. = 5840.58
ACS BOOK, PAGE C-699 W/ REVISION NO. 7

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGN		
DESIGNED BY	C.B.B.	01/86
DRAWN BY	J.M.	01/86
CHECKED BY	C.B.B.	01/86

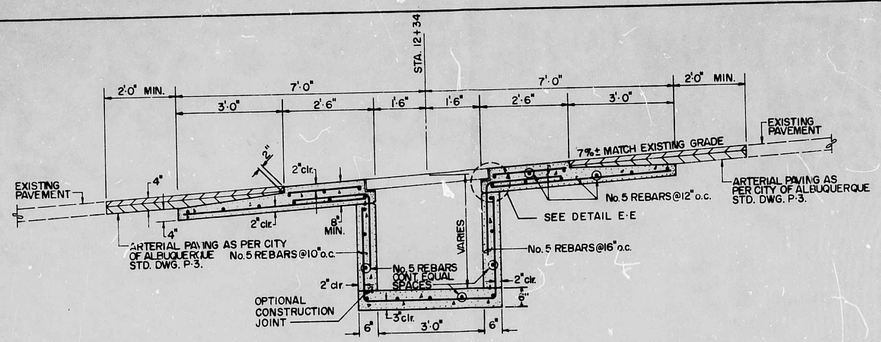
RECEIVED SEP 05 1986

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: INDIAN SCHOOL ROAD NE PAVING AND STORM DRAIN PLAN & PROFILE

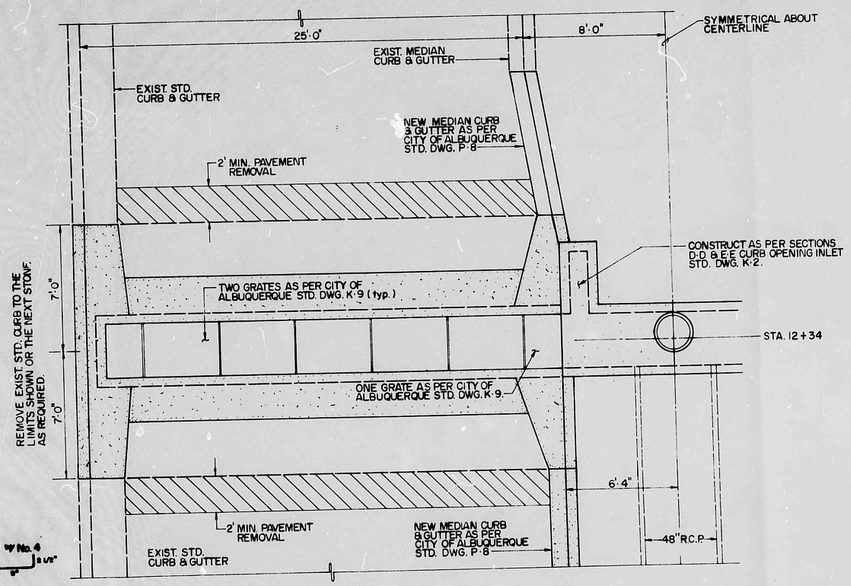
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		

DRAWING NO. — MAP NO. J-23 — SHEET 2 OF 4



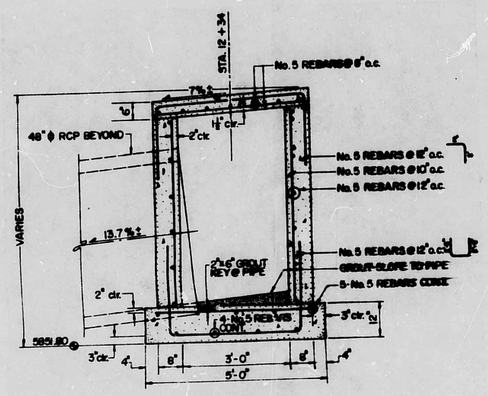
SECTION B-B

NO SCALE



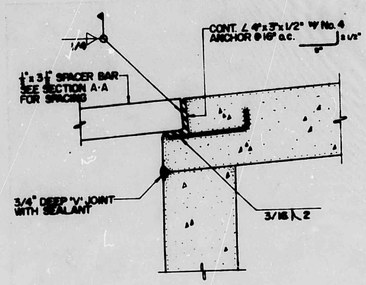
PLAN

1/4" = 1'-0"



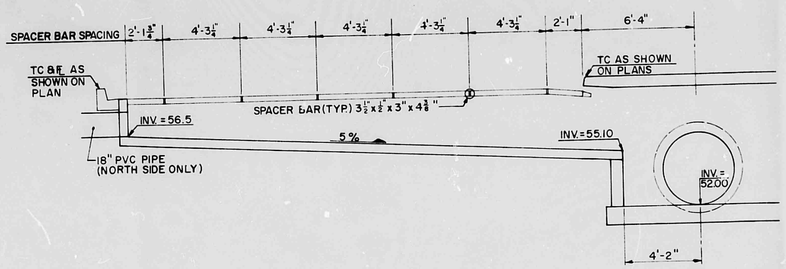
SECTION C-C

NO SCALE



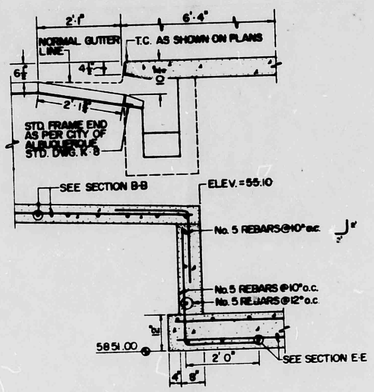
DETAIL E-E

NO SCALE



SECTION A-A

1/4" = 1'-0"



SECTION D-D

NO SCALE

NOTES:

1) ALL STORM DRAIN PIPE SHALL BE CLASS IV RCP, SIZE AS SHOWN.

2) STA. 10+00 = OF INDIAN SCHOOL ROAD NE AT THE PROJECTION OF THE SW CORNER OF SPROUL - SECURITY SUBDIVISION NO. 2, AREA 2.

3) ALL REINFORCING STEEL SHALL BE ASTM A615 GRADE 60.

4) CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH fc = 3000 PSI @ 28 DAYS, CONCRETE SHALL BE PER CITY STANDARD SPECIFICATIONS AND AIR ENTRAINED.

AS BUILT INFORMATION

CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
ACS B2A55 TABLET STAMPED L-23-A, 1982.
ELEV. = 5840.58
ACS BOOK, PAGE C 699 W/ REVISION NO. 7

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS	BY

DESIGNED BY SJF DATE 9/86
DRAWN BY JT DATE 9/86
CHECKED BY SJF DATE 9/86

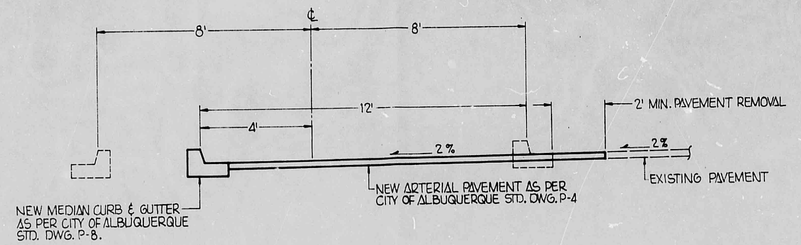
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

RECEIVED SEP 05 1986 HYDROLOGY SECTION

TITLE: INDIAN SCHOOL ROAD NE SECTIONS AND DETAILS

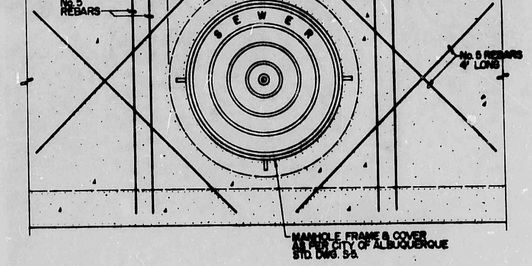
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		

DRAWING NO. — MAP NO. J-23 — SHEET 3 OF 4



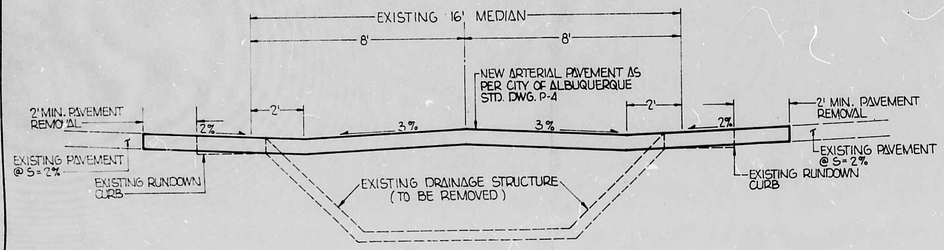
SECTION G·G

NO SCALE



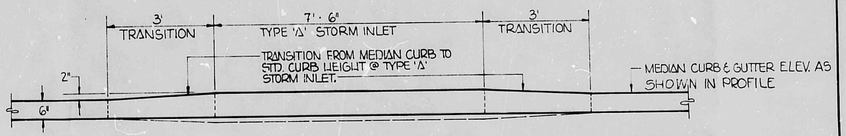
DETAIL F·F

NO SCALE



SECTION H·H

NO SCALE



TRANSITION SECTION

NO SCALE

NOTES:

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4) CONCRETE SHALL ATTAIN A MINIMU COMPRESSIVE STRENGTH fc = 300 PSI @ 28 DAYS, CONCRETE SHA BE PER CITY STANDA SPECIFICATIONS AND AIR ENTRAINED.

AS BUILT INFORMATION

CONTRACTOR
CONTRACT NO.
STAKED BY DATE
INSPECTORS ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

ACS BRASS TABLET STAMPED 1-J23-A, 1982
ELEV. = 5840.98
ACS BOOK, PAGE C-699 W/ REVISION NO. 7

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY CBB DATE 07/86
DRAWN BY JT DATE 07/86
CHECKED BY CBB DATE 07/86

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

RECEIVED SEP 05 1986 HYDROLOGY SECTION

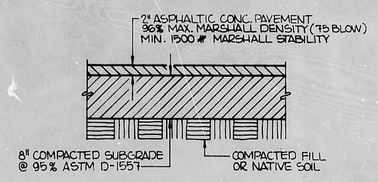
TITLE: INDIAN SCHOOL ROAD SECTIONS AND DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		

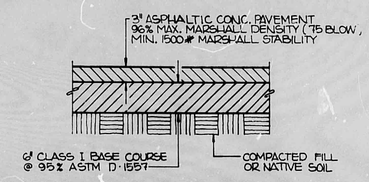
DRAWING NO.

MAP NO. J-23

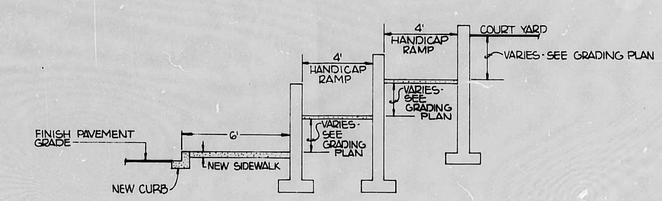
SHEET 4 OF 4



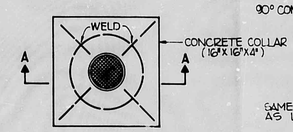
PARKING AREA
PAVEMENT SECTION



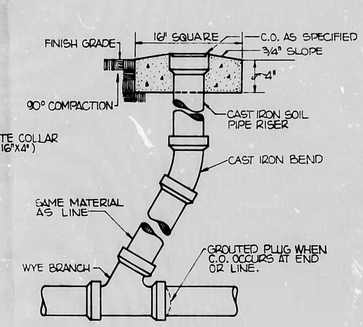
DRIVEWAY PAVEMENT SECTION
(SEE SITE PLAN FOR LOCATION)



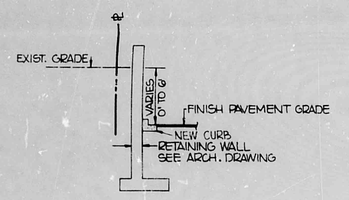
SECTION 11



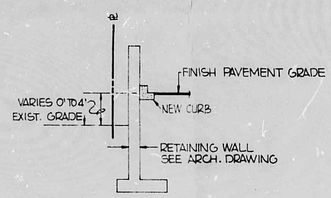
CLEANOUT PLAN



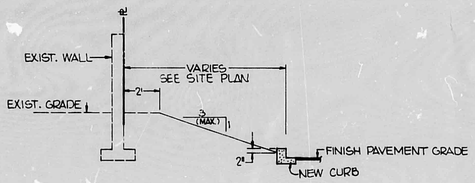
SECTION A-A



SECTION 1·1



SECTION 2·2



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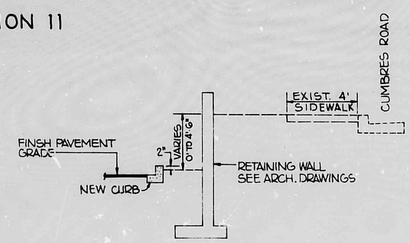

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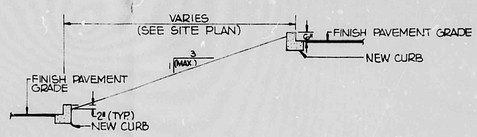

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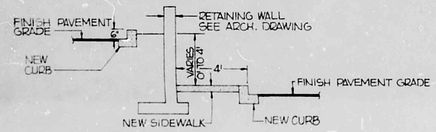
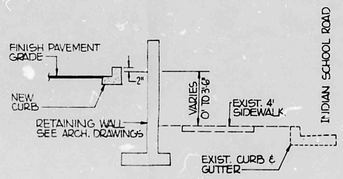


SECTION 6·6



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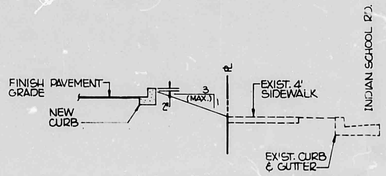
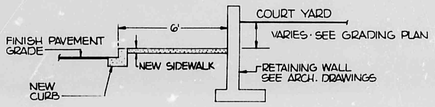
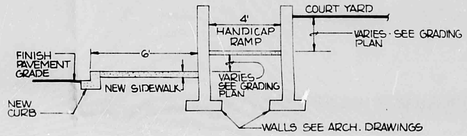


SECTION 8·8

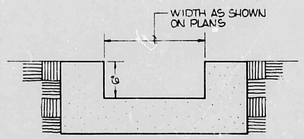


SECTION 9·9



SECTION 10·10

MEDIAN CURB



CURB OPENING

Revised 09/02/86
Revised 07/01/86