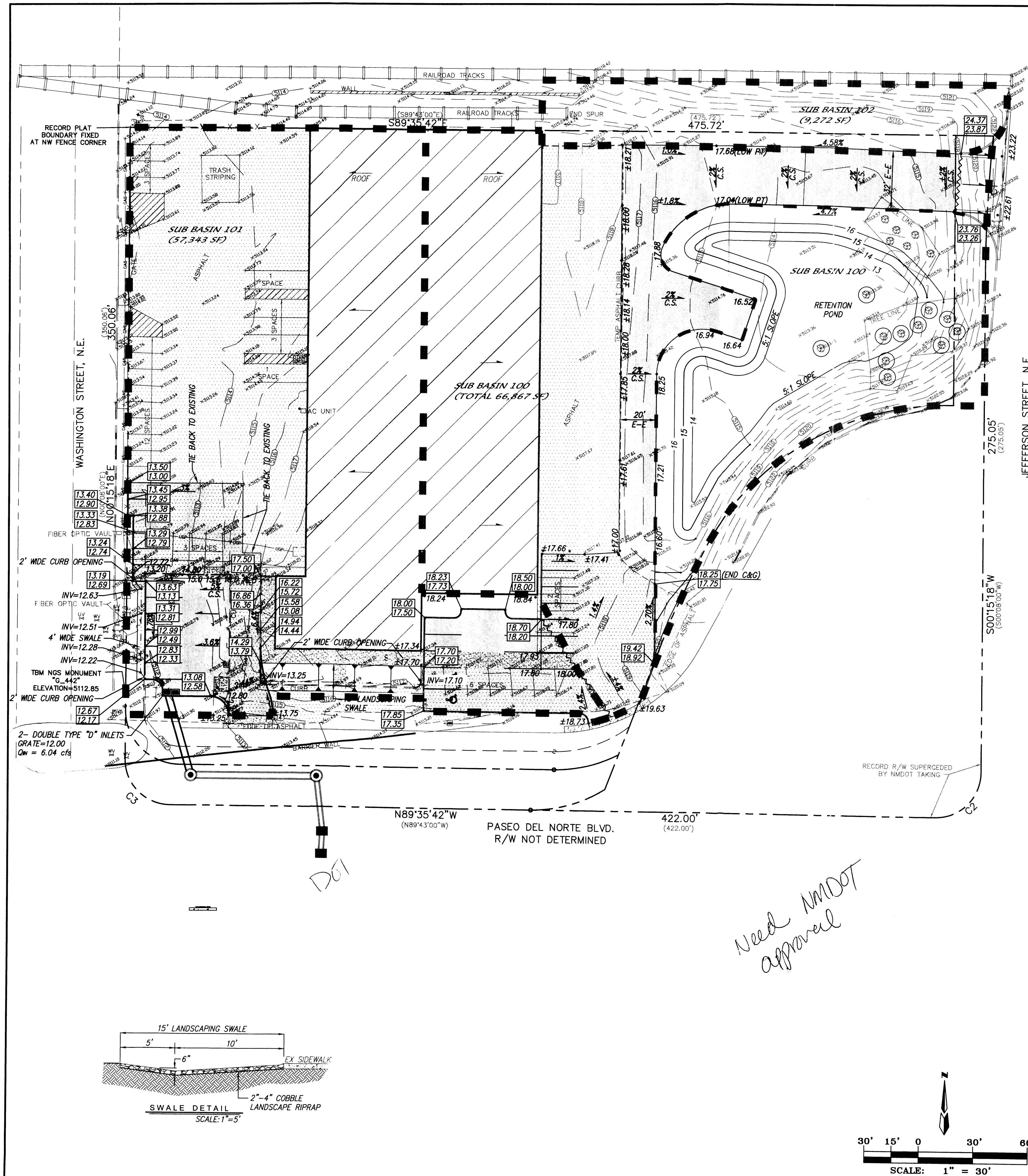




SUMMARY OF HYDROLOGY

TOTAL PROJECT SITE = 2.85 ACRES
 $P_m = 2.05''$ $P_a = 2.40''$ $P_{10} = 2.70''$

SUB BASIN 101 (WEST AREA)
 $Q_{100} = 6.27$ cfs (INTO PARKING LOT INLET)
 $V_{100} = 0.235$ AF

SUB BASIN 100 & 102 (TO POND)
 $Q_{100} = 6.74$ cfs (INTO RETENTION POND)
 $V_{100} = 0.2356$ AF

POND DESIGN
 $Q_{100} = 0.236$ AF
 $VOL(DESIGN-10 DAY STORM) = 0.351$ AF (REQ'D VOLUME)

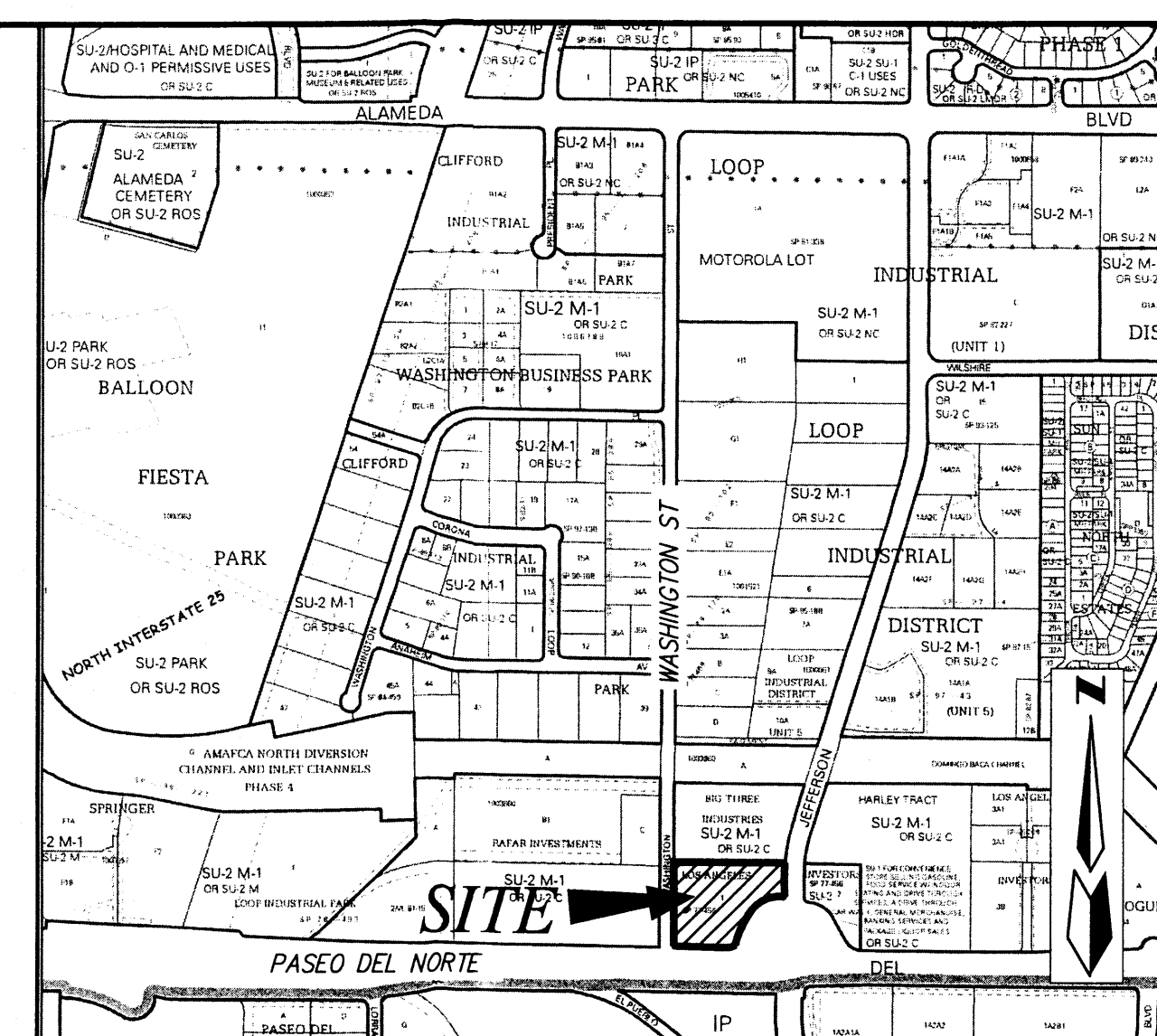
$VOL(DESIGN) = 19,940$ CF
TOP ELEV = 5116.0
BOTTOM ELEV = 5114.0
MAX WSEL (100 YR) = 5115.15
MAX WSEL (10 DAY) = 5115.59

NOTES

- SALVAGE EXISTING TREES, DO NOT GRADE WITHIN 5' OF EXISTING TREES WITH CIRCLES AROUND IT.

LEGEND

	SUB-BASIN BOUNDARY
	EXISTING CONTOUR - MAJOR
	EXISTING CONTOUR - MINOR
	EXISTING SPOT ELEVATION
	EXISTING STORM DRAIN
	EXISTING STORM DRAIN MAN HOLE
	EXISTING ADJOINER LINE
	NEW BOUNDARY LINE
	NEW LOT LINES
	NEW SIDEWALK
	NEW STANDARD CURB & GUTTER
	NEW MOUNTABLE CURB & GUTTER
	NEW RETAINING WALL - TO BE CONSTRUCTED AT THE TIME OF ROUGH GRADING
	NEW 1:1 SLOPE
	FLOW DIRECTION ARROW
	NEW STORM DRAIN
	NEW STORM DRAIN INLET
	NEW SIDEWALK CULVERT
	TOP OF CURB ELEVATION
	FLOW LINE ELEVATION
	FINISHED PAD ELEVATION
	SPOT ELEVATION
	2% CROSS SLOPE
	DRAINAGE SWALE
	WATER BLOCK
	NEW PAVEMENT
	EXISTING PAVEMENT



VICINITY MAP

ZONE MAP: C-17-Z

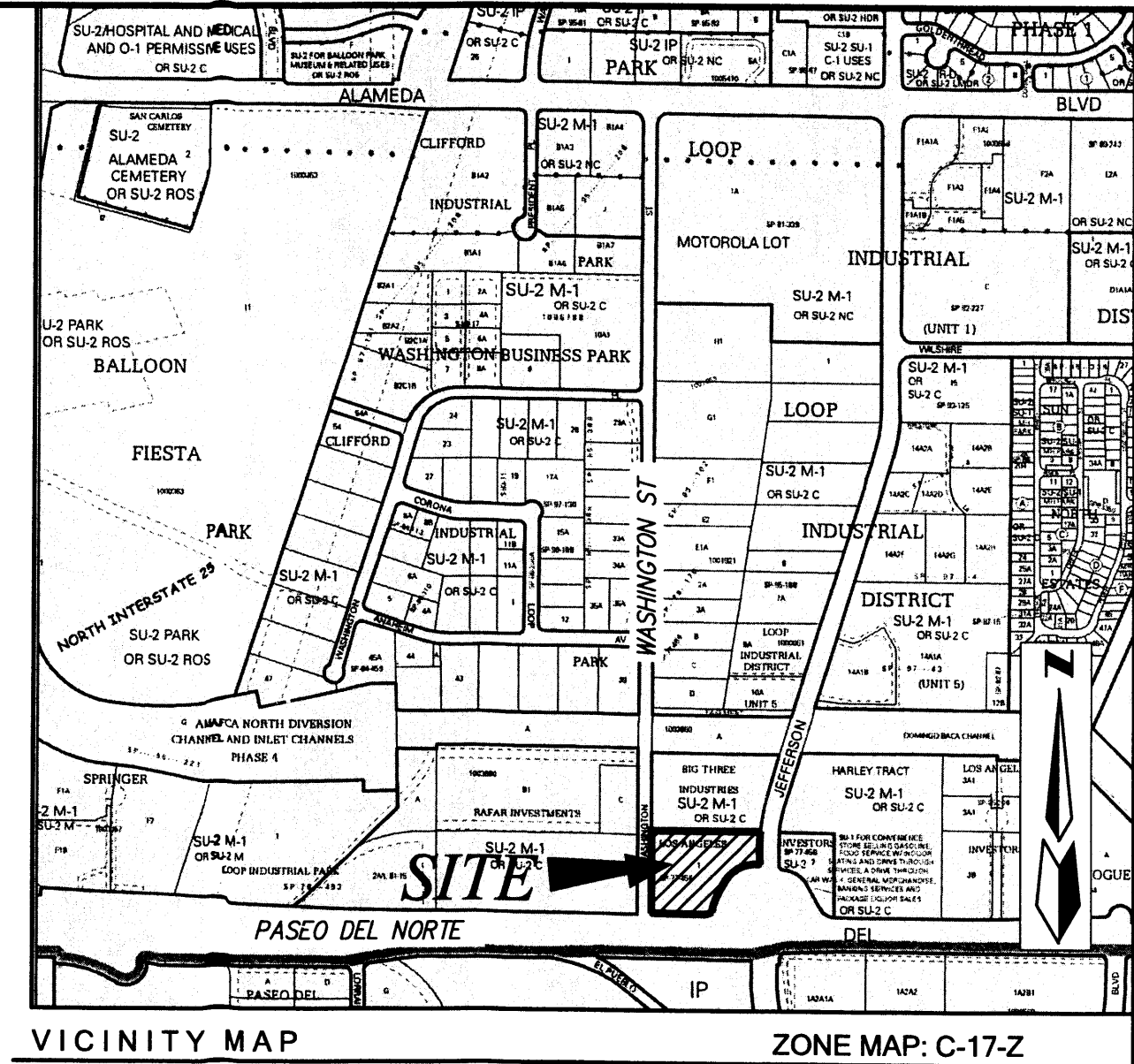
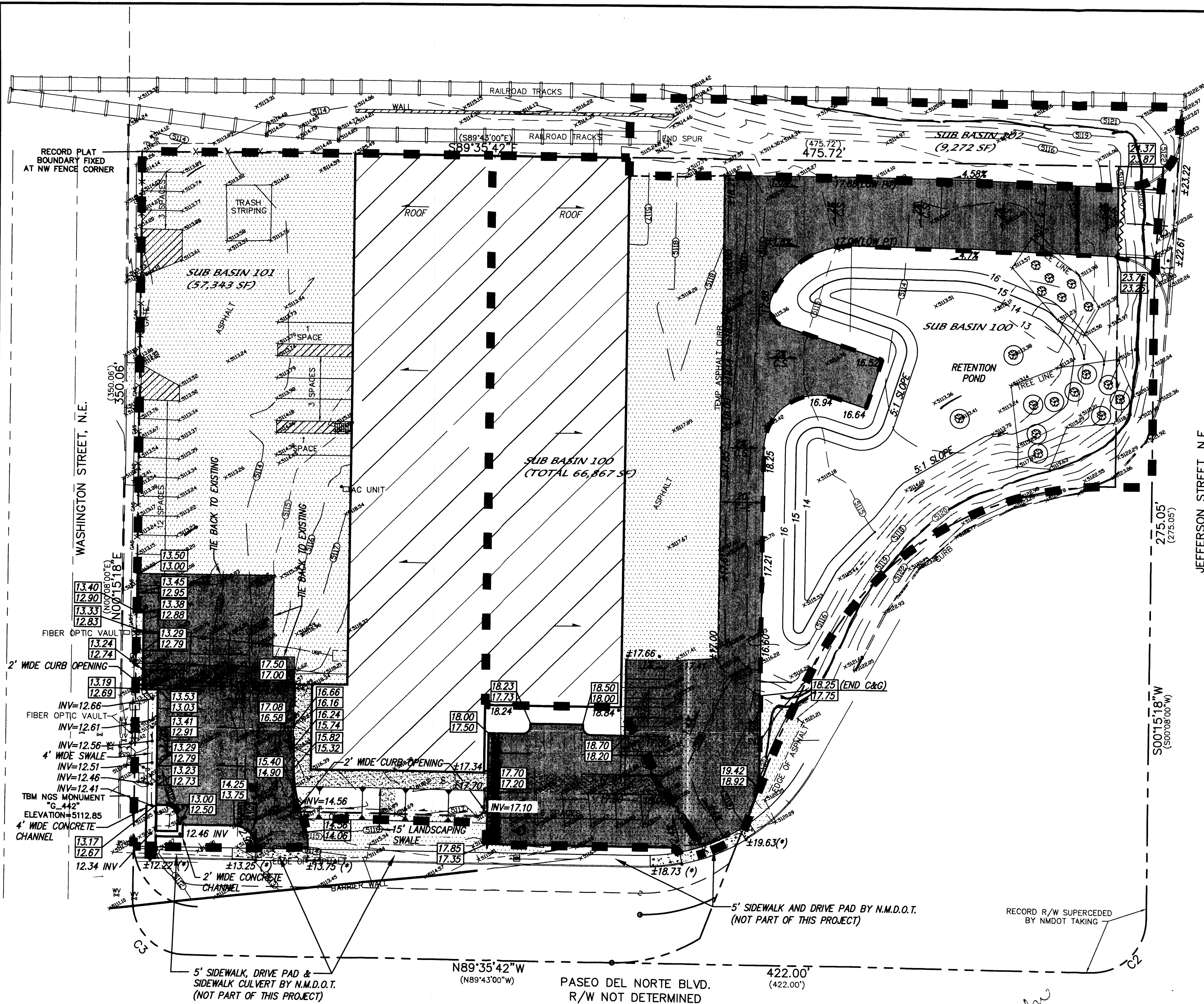
LEGAL DESCRIPTION

TRACT 1, LANDS OF LOS ANGELES INVESTORS, AS SHOWN ON RECORD PLAT REFERENCED LANDS OF LOS ANGELES INVESTORS DATED SEPTEMBER 30, 1977, BOOK DB, FOLIO 20.

EROSION CONTROL NOTES

- CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
- CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
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- SITE DOES NOT LIE IN A 100 YEAR FLOOD ZONE.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE	
MARK GOODWIN & ASSOCIATES, P.A. CONSULTING ENGINEERS P.O. BOX 90606 ALBUQUERQUE, NEW MEXICO 87199 OFFICE (505) 828-2200, FAX (505) 797-9539	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
TITLE: PACIFIC MUTUAL DOOR & WINDOW PAVING & GRADING AND DRAINAGE PLAN	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
DATE	MO./DAY/YR.
LAST DESIGN UPDATE	MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO. C-17-Z
SHEET 1 OF 1	RECORDED BY DMG



SUMMARY OF HYDROLOGY

TOTAL PROJECT SITE = 2.85 ACRES
P₁₀ = 2.05" P₅ = 2.40" P₂ = 2.70"

SUB BASIN 101 (WEST AREA)
Q₁₀₀ = 6.27 cfs (INTO PARKING LOT INLET)
V₁₀₀ = 0.235 AF

SUB BASIN 100 & 102 (TO POND)
Q₁₀₀ = 6.74 cfs (INTO RETENTION POND)
V₁₀₀ = 0.2356 AF

POND DESIGN
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NOTES

- ③ SALVAGE EXISTING TREES, DO NOT GRADE WITHIN 5' OF EXISTING TREES WITH CIRCLES AROUND IT.

LEGEND

- SUB-BASIN BOUNDARY
- EXISTING CONTOUR - MAJOR
- EXISTING CONTOUR - MINOR
- EXISTING SPOT ELEVATION
- EXISTING STORM DRAIN
- EXISTING STORM DRAIN MAN HOLE
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- NEW SIDEWALK
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- NEW MOUNTABLE CURB & GUTTER
- NEW RETAINING WALL - TO BE CONSTRUCTED AT THE TIME OF ROUGH GRADING
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- NEW STORM DRAIN
- NEW STORM DRAIN INLET
- NEW SIDEWALK CULVERT
- TOP OF CURB ELEVATION
- FINISHED PAD ELEVATION
- SPOT ELEVATION
- 2% CROSS SLOPE
- DRAINAGE SWALE
- WATER BLOCK
- NEW PAVEMENT
- EXISTING PAVEMENT

LEGAL DESCRIPTION

TRACT 1, LANDS OF LOS ANGELES INVESTORS, AS SHOWN ON RECORD PLAT REFERENCED LANDS OF LOS ANGELES INVESTORS DATED SEPTEMBER 30, 1977, BOOK D8, FOLIO 20.

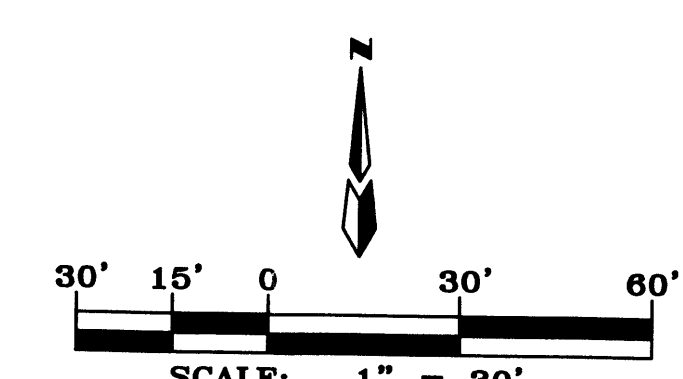
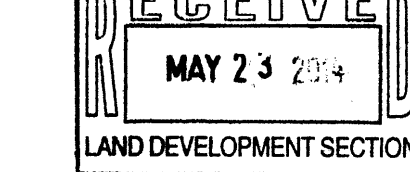
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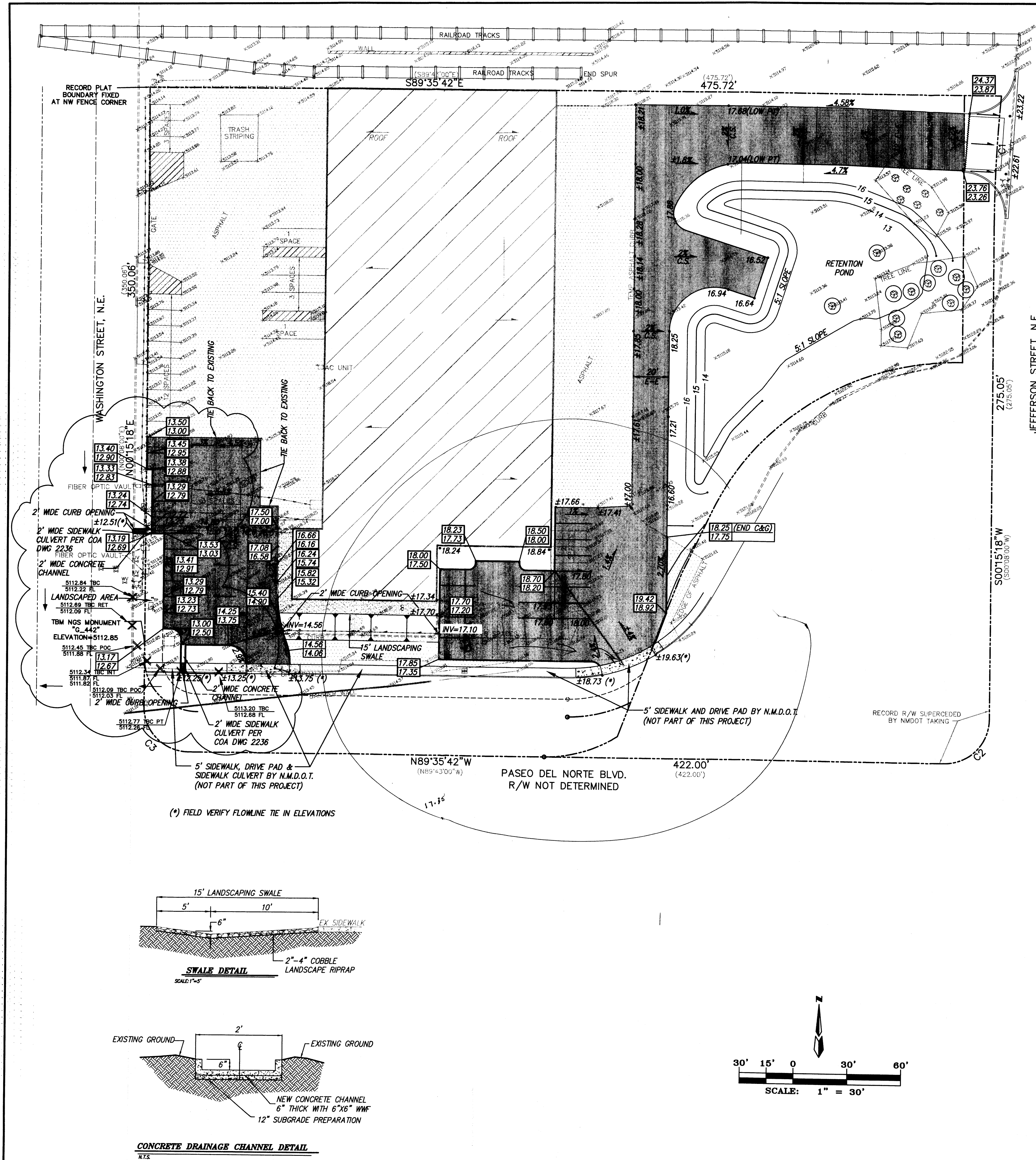
CERTIFICATE OF SUBSTANTIAL COMPLIANCE

MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
OFFICE (505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
TITLE: PACIFIC MUTUAL DOOR & WINDOW PAVING & GRADING AND DRAINAGE PLAN	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
LAST DESIGN UPDATE	MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO. C-17-Z
SHEET 1 OF 1	



where is emergency overflow



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 6. Maintenance of these facilities shall be the responsibility of the Owner of the property served.
 7. Work on Arterial Street shall be Performed on a 24-hour Basis.

Approval	Name	Date
Inspector		

SUMMARY OF HYDROLOGY

TOTAL PROJECT SITE = 2.85 ACRES
 $P_m = 2.05"$ $P_a = 2.40"$ $P_m = 2.70"$

SUB BASIN 101 (WEST AREA)
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SUB BASIN 100 & 102 (TO POND)
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 $VOL(100YR) = 0.236$ AF
 $VOL(DESIGN-10 DAY STORM) = 0.351$ AF (REQ'D VOLUME)

$VOL(DESIGN) = 19.940$ CF
TOP ELEV = 5116.0
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MAX WSEL (10 DAY) = 5115.59

NOTES

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LEGEND

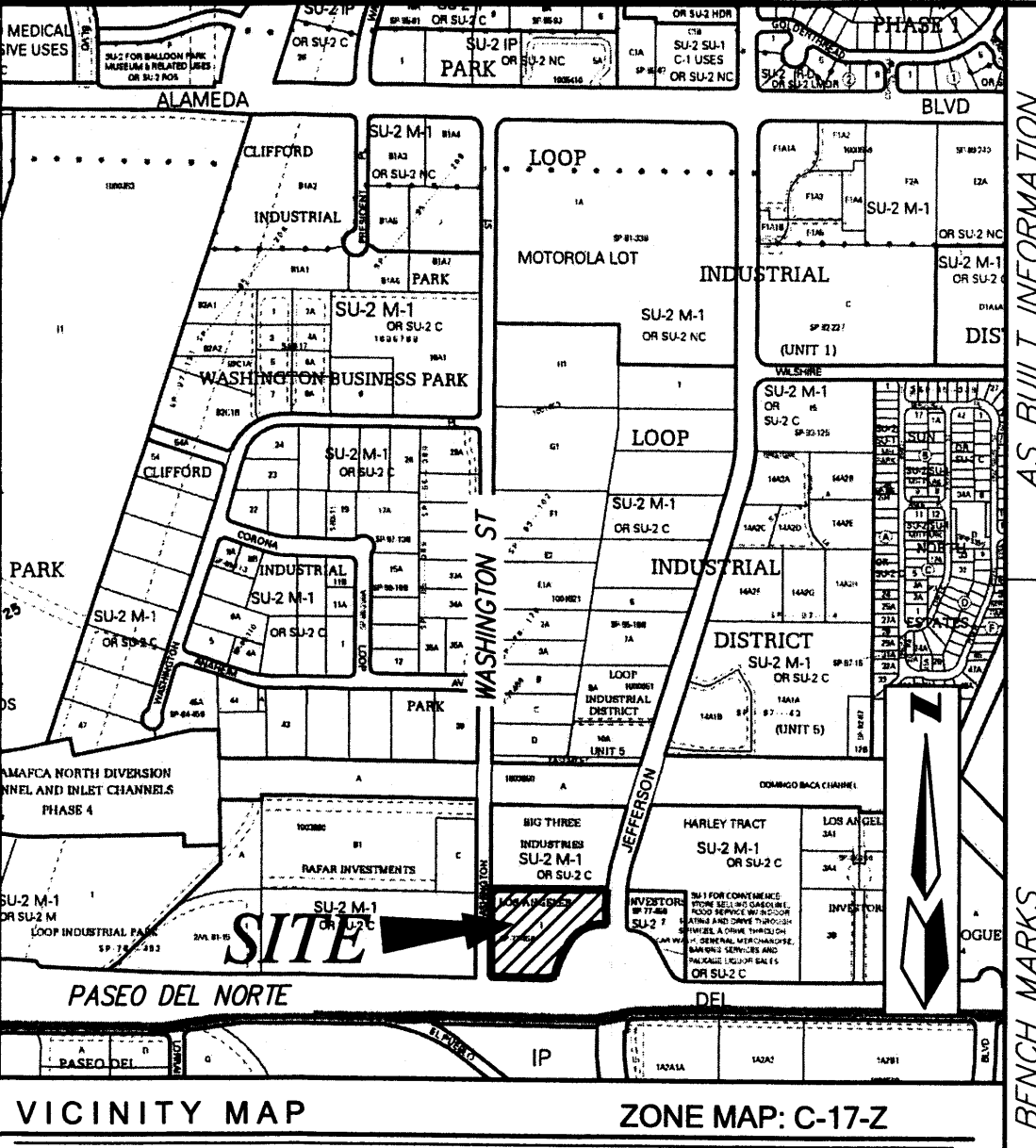
- SUB-BASIN BOUNDARY
- EXISTING CONTOUR - MAJOR
- EXISTING CONTOUR - MINOR
- EXISTING SPOT ELEVATION
- EXISTING STORM DRAIN
- EXISTING STORM DRAIN MAN HOLE
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- NEW STANDARD CURB & GUTTER
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- NEW 1:1 SLOPE
- FLOW DIRECTION ARROW
- NEW STORM DRAIN
- NEW STORM DRAIN INLET
- NEW SIDEWALK CULVERT
- TOP OF CURB ELEVATION
- FLOW LINE ELEVATION
- FINISHED PAD ELEVATION
- SPOT ELEVATION
- 2% CROSS SLOPE
- DRAINAGE SWALE
- WATER BLOCK
- NEW PAVEMENT
- EXISTING PAVEMENT
- EXISTING FLOW DIRECTION ARROW

LEGAL DESCRIPTION

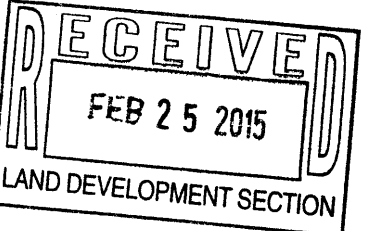
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CONTRACTOR INFORMATION				AS BUILT INFORMATION			
CONTRACTOR	DATE	DATE	DATE	CONTRACTOR	DATE	DATE	DATE
STAMPED BY	DATE	DATE	DATE	STAMPED BY	DATE	DATE	DATE
ACCEPTANCE BY	DATE	DATE	DATE	ACCEPTANCE BY	DATE	DATE	DATE
FIELD CHECK BY	DATE	DATE	DATE	FIELD CHECK BY	DATE	DATE	DATE
DRAWING CORRECTED BY	DATE	DATE	DATE	DRAWING CORRECTED BY	DATE	DATE	DATE
MICRO-FILM INFORMATION	DATE	DATE	DATE	MICRO-FILM INFORMATION	DATE	DATE	DATE
RECORDED BY	DATE	DATE	DATE	RECORDED BY	DATE	DATE	DATE
NO.				NO.			



CERTIFICATE OF SUBSTANTIAL COMPLIANCE

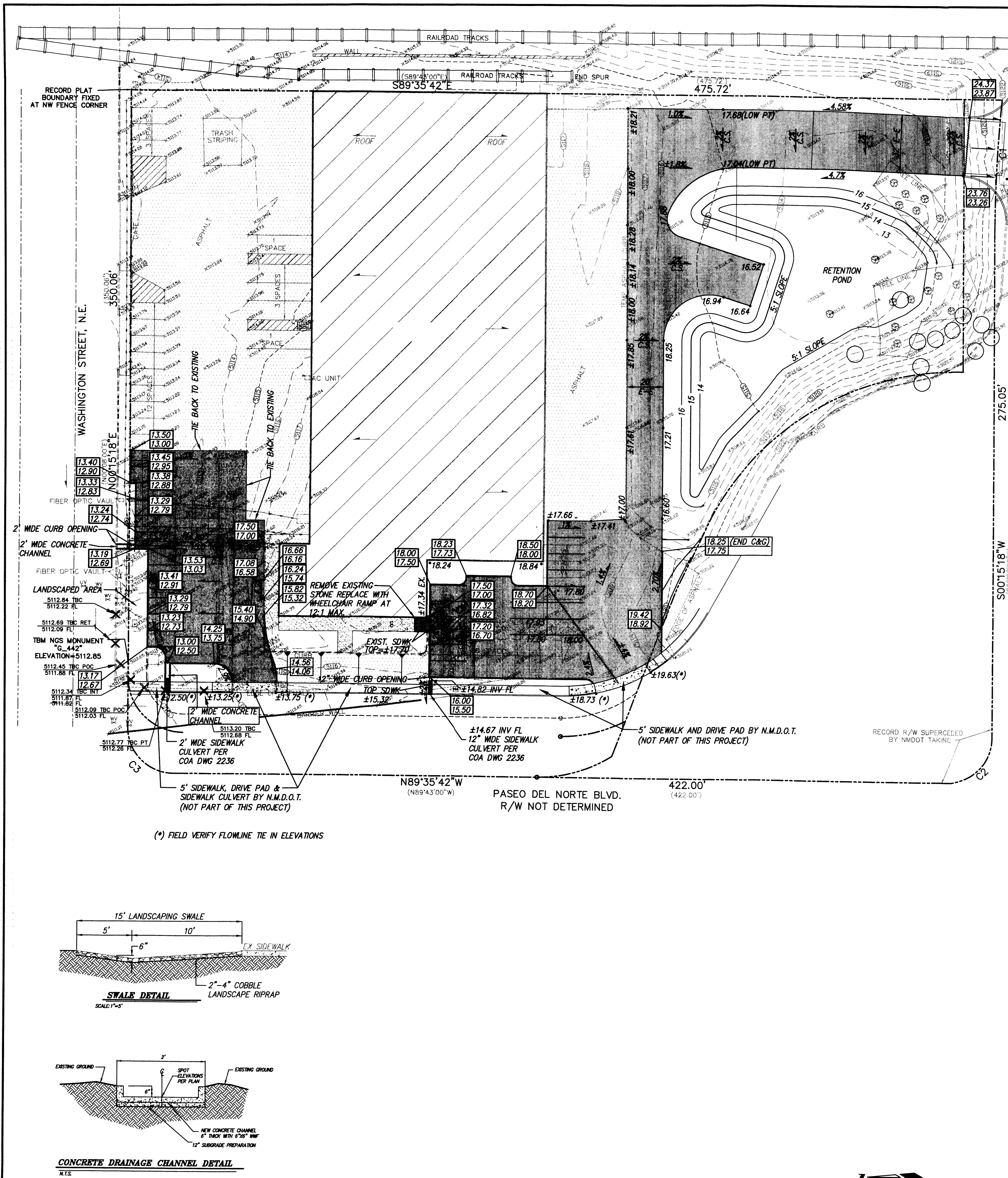
MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
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ALBUQUERQUE, NEW MEXICO 87199
OFFICE (505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **PACIFIC MUTUAL DOOR & WINDOW PAVING & GRADING AND DRAINAGE PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. _____ ZONE MAP NO. **C-17-Z** SHEET **1** OF **1**



- NOTICE TO CONTRACTOR
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Approval	Name	Date
Inspector		

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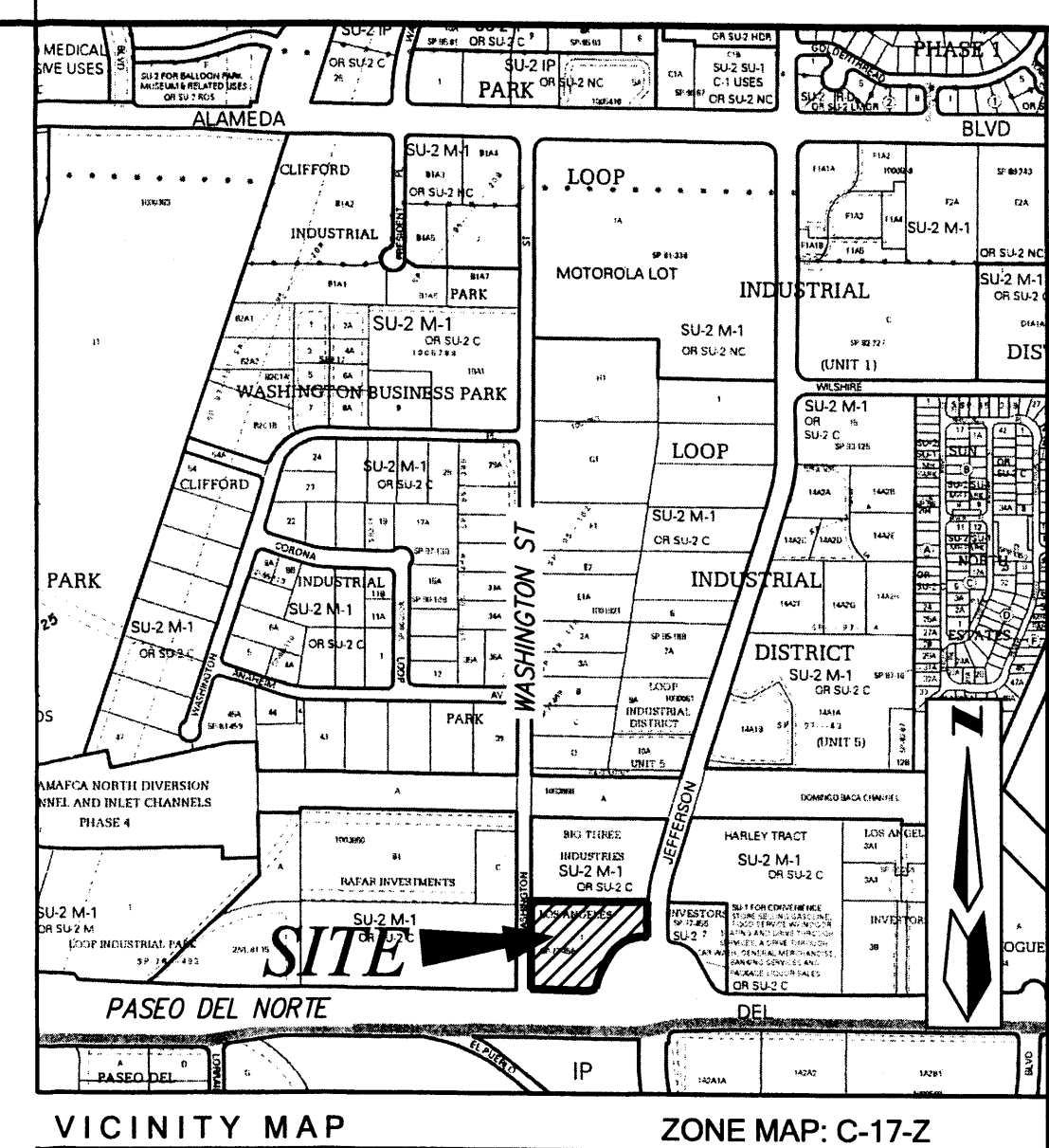
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LEGEND

- | | |
|----------------|---|
| ■■■■■■■■■■ | SUB-BASIN BOUNDARY |
| ---5330--- | EXISTING CONTOUR - MAJOR |
| ---5332--- | EXISTING CONTOUR - MINOR |
| x5326.17 | EXISTING SPOT ELEVATION |
| | EXISTING STORM DRAIN |
| ○ | EXISTING STORM DRAIN MAN HOLE |
| --- | EXISTING ADJOINER LINE |
| --- | NEW BOUNDARY LINE |
| --- | NEW LOT LINES |
| --- | NEW SIDEWALK |
| --- | NEW STANDARD CURB & GUTTER |
| --- | NEW MOUNTABLE CURB & GUTTER |
| --- | NEW RETAINING WALL - TO BE CONSTRUCTED AT THE TIME OF ROUGH GRADING |
| --- | NEW 1:1 SLOPE |
| → | FLOW DIRECTION ARROW |
| --- | NEW STORM DRAIN |
| ■ | NEW STORM DRAIN INLET |
| --- | NEW SIDEWALK CULVERT |
| 18.00
17.50 | TOP OF CURB ELEVATION
FLOW LINE ELEVATION |
| FP=34.15 | FINISHED PAD ELEVATION |
| 16.63, | SPOT ELEVATION |
| 2% CS | 2% CROSS SLOPE |
| --- | DRAINAGE SWALE |
| --- | WATER BLOCK |
| --- | NEW PAVEMENT |
| --- | EXISTING PAVEMENT |
| --- | EXISTING FLOW DIRECTION ARROW |

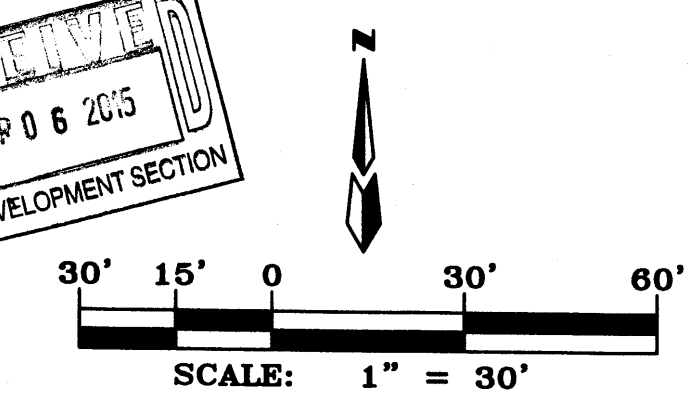


LEGAL DESCRIPTION

TRACT 1, LANDS OF LOS ANGELES INVESTORS, AS SHOWN ON RECORD PLAT, REFERENCED LANDS OF LOS ANGELES INVESTORS DATED SEPTEMBER 30, 1977, BOOK DB, FOLIO 20.

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CERTIFICATE OF SUBSTANTIAL COMPLIANCE	
NO.	DATE
BY	DATE
REMARKS	DATE
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
MARK GOODWIN & ASSOCIATES, P.A. CONSULTING ENGINEERS P.O. BOX 90606 ALBUQUERQUE, NEW MEXICO 87199 OFFICE (505) 828-2200, FAX (505) 797-9539	
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	C-17-Z
SHEET	OF
1	1

