PUBLIC WORKS/HYDROLOGY

1 OF 2

L8/D9A

GENERAL NOTES:

1. THE CONTOUR INTERVAL IS 1 FOOT.
2. ALL EXISTING VEGETATION, PAVEMENT AND STRUCTURES SHALL BE REMOVED FROM CONSTRUCTION AREA.
3. PROVIDE FROST PROOF HYDRANT "WOODFORD MODEL YI" WITH VACUUM BREAKER, OR EQUAL.
4. PROVIDE 2-INCH WATER METER PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS SECTION 802 AND PER CITY OF ALBUQUERQUE STANDARD DETAIL DRAWING 2363.
5. PROVIDE TWO-INCH WATER LINE ONTO SITE AS SHOWN.
6. TWO-INCH REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTOR (SEE SPECIFICATION SECTION 15124). THE PROTECTIVE ENCLOSURE FOR THE BACKFLOW PREVENTER SHALL BE AN INSULATED "HOT BOX". MANUFACTURER SHALL BE NORTHEAST FLORIDA ENTERPRISES, INC., MODEL NO. 2 OR EQUAL.
7. ALL WATER PIPE SHALL BE INSULATED IN ACCORDANCE WITH THE 1988 UNIFORM PLUMBING CODE SECTIONS 1008 AND 1108.
8. EIGHT-FOOT HIGH DOUBLE LEAF CHAIN LINK GATE. SEE CITY OF ALBUQUERQUE STANDARD DRAWING 2252.
9. EIGHT-FOOT HIGH CHAIN LINK FENCE. SEE CITY OF ALBUQUERQUE STANDARD DRAWING 2252.
10. THE INVERT ELEVATION OF THE 18-INCH DIAMETER RCP IS 5316.50 AT THE INLET STRUCTURE.
11. THE INVERT ELEVATION OF THE TWO 48-INCH DIAMETER RCP IS 5316.00 AT THE INLET STRUCTURE.
12. 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.
13. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT THE NEW MEXICO ONE CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
14. 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 SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
15. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
16. PROVIDE HEADER CURB IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DETAIL DRAWING 2415, HEADER CURB.
17. PROVIDE SIX-FOOT WIDE CONCRETE VALLEY GUTTER IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DETAIL DRAWING 2420, CONCRETE VALLEY GUTTER.
18. THE 100-YEAR WATER SURFACE ELEVATION IN THE STORMWATER DETENTION BASIN IS EQUAL TO 5323.10.
19. CONCRETE ENCASE 18-INCH DIAMETER RCP FROM TWO FEET WITHIN THE STORMWATER DETENTION BASIN TO TWO FEET BEYOND THE NORTH EDGE OF THE ENTRANCE ROAD. CONCRETE ENCASE IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DETAIL DRAWING 2140, SEWER ENCASEMENT DETAILS.
20. CONNECT TWO 48-INCH DIAMETER RCP TO EXISTING TWO 48-INCH DIAMETER RCP, INVERT ELEVATION IS EQUAL TO 5315.65.
21. PROVIDE 6-INCH THICK CONCRETE SPILLWAY STRUCTURE AS SHOWN. TRANSITION BETWEEN ROADWAY AND SPILLWAY SHALL BE IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DETAIL DRAWING 2428, PAVING ALLEY INTERSECTION.
22. SIX-FOOT HIGH CHAIN LINK FENCE. SEE CITY OF ALBUQUERQUE STANDARD DETAIL DRAWING 2252.
23. CONTRACTOR SHALL PROVIDE AND INSTALL TWO SIGNS ALONG CENTRAL AVENUE. ONE WILL BE LOCATED FOR EAST BOUND TRAFFIC AND ONE WILL BE LOCATED FOR WEST BOUND TRAFFIC. SIGNS SHALL READ "CITY OF ALBUQUERQUE SOLID WASTE CONVENIENCE CENTER NEXT RIGHT" OR "NEXT LEFT". SIGNS SHALL BE MANUFACTURED, LOCATED AND INSTALLED ACCORDING TO THE STATE OF NEW MEXICO HIGHWAY DEPARTMENT STANDARDS.

SYMBOLS SPECIFIC TO PROJECT

- TRAVERSE POINT
- NEW CHAIN LINK FENCE
- GUARD POST
- MANHOLE (EXISTING)
- DRAIN INLET
- WATER VALVE (EXISTING)
- GAS RISER (EXISTING)
- WATER RISER (EXISTING)
- ELECTRIC RISER (EXISTING)
- TELEPHONE RISER (EXISTING)
- POWER POLE WITH LIGHT (EXISTING)
- POWER POLE (EXISTING)
- CONIFEROUS TREE
- BUSH
- CHAIN LINK FENCE (EXISTING)
- OVER HEAD WIRE (EXISTING)
- SITE BOUNDARY LINE
- EXISTING CONTOUR LINE
- FINISHED CONTOUR LINE
- FIRE HYDRANT
- GATE VALVE
- FROST PROOF HYDRANT
- DRAINAGE FLOW
- TRAFFIC FLOW
- CONCRETE PAVEMENT
- ASPHALT CONCRETE PAVEMENT

ABBREVIATIONS

A.C.	ASPHALT CONCRETE
B.C.	BACK OF CURB
BP	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER
C.B.	CATCH BASIN
C.L.	CHAIN LINK
C.O.	CLEANOUT
COR.	CORNER
D	DRAIN
DET.	DETAIL
EA.	EACH
E.W.	EACH WAY
F.F.	FINSHED FLOOR
F.H.	FIRE HYDRANT
F.L.	FLOW LINE
GEN	GENERAL
PL	PROPERTY LINE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
T.C.	TOP OF CURB
T.W.	TOP OF WALL
TYP.	TYPICAL
W	WATER
W/	WITH

RECEIVED JUN 11 1990 HYDROLOGY DIVISION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman			Water		
Transportation			Waste Water		
Hydrology					

BROWN AND CALDWELL
CONSULTING ENGINEERS
PHOENIX, ARIZONA

SUBMITTED: Project Manager DATE:
APPROVED: Brown and Caldwell DATE:
APPROVED: DATE:

LINE IS 2 INCHES AT FULL SCALE (IF NOT 2"-SCALE ACCORDINGLY)

FILE 4617
DRAWN PMG
DESIGNED WMH
CHECKED WMH
CHECKED RSS

REVISIONS

ZONE	REV.	DESCRIPTION	BY	DATE	APP.

CITY OF ALBUQUERQUE
DON RESERVOIR
SOLID WASTE CONVENIENCE CENTER

GENERAL NOTES, SYMBOLS AND ABBREVIATIONS

JUN 6 1990

PROJECT NO. 3902.91
DRAWING NUMBER C1
SHEET NUMBER

R# 27 DATE 3-27-02 DR E.S.P.

CITY OF ALBUQUERQUE

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DIRECTOR 11/5/02

NOTARY PUBLIC

OFFICIAL SEAL Roberta Duran NOTARY PUBLIC STATE OF NEW MEXICO My Commission Expires 8/28/2004

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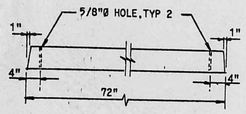
PLANS/PLATS ON FILE

FILE DESC: L8/D9A

PLANS/PLATS 4

E 30 D 24 C 20 B 16 A 12 CITY OF ALBUQUERQUE C D F



PARKING STOP

DETAIL K/C3

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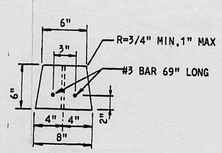
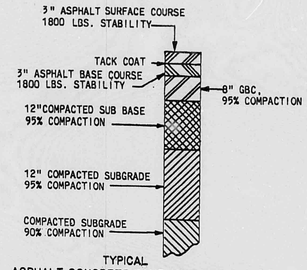


NOTE:
PARKING STOP IS HELD IN PLACE W/2 1/2" STEEL RODS (GALV) EMBEDDED A MINIMUM OF 30" AND PROJECTING A MAXIMUM OF 6" ABOVE PAVEMENT.

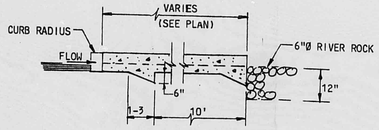
TYPICAL SECTION

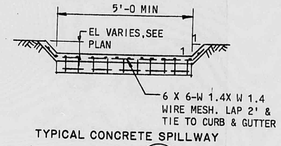


TYPICAL
ASPHALT CONCRETE PAVEMENT SECTION

DETAIL C/TYP

NO SCALE





TYPICAL CONCRETE SPILLWAY

DETAIL D/TYP

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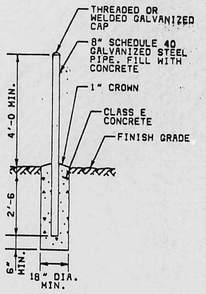

GUARD POST

DETAIL E/TYP

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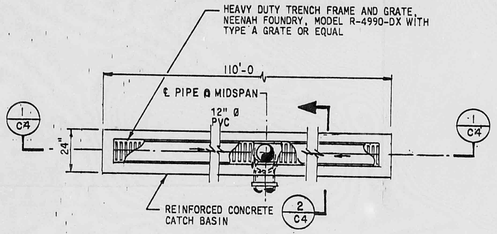

DRAINAGE TRENCH PLAN

DETAIL F/C3

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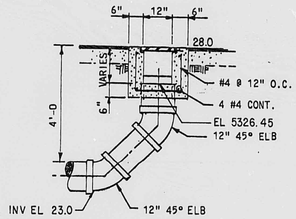

SECTION 2/C4

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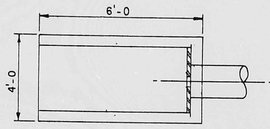
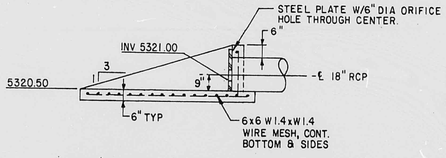
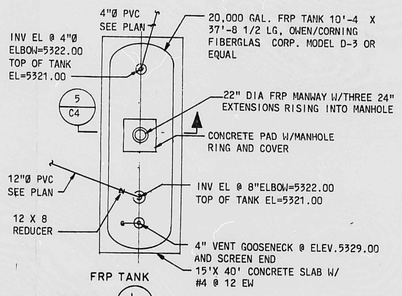




STORMWATER DETENTION BASIN INLET STRUCTURE

DETAIL J/C3

NO SCALE



FRP TANK

DETAIL L/C3

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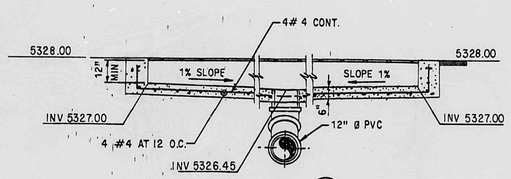

SECTION 1/C4

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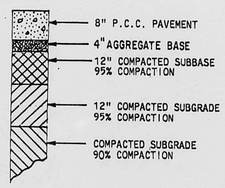
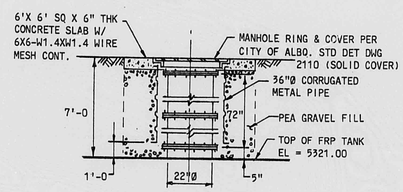


TYPICAL
CONCRETE PAVEMENT SECTION

DETAIL H/TYP

NO SCALE



FRP RISER SECTONS

DETAIL M/C4

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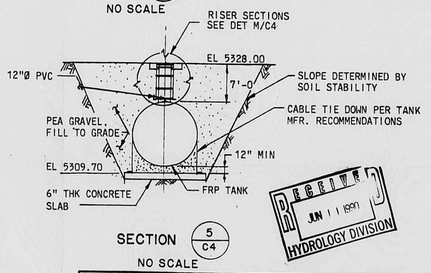

SECTION 5/C4

NO SCALE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman			Water		
Transportation			Waste Water		
Hydrology					

RECEIVED JUN 11 1990 HYDROLOGY DIVISION

BROWN AND CALDWELL
CONSULTING ENGINEERS
PHOENIX, ARIZONA

SUBMITTED: Project Manager DATE:
APPROVED: Brown and Caldwell DATE:
APPROVED: DATE:

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FILE 4617
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DESIGNED WMH PMG
CHECKED WMH
CHECKED RSS

SAMUEL A. COMOLLI
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

REVISIONS					
ZONE	REV.	DESCRIPTION	BY	DATE	APP.

CITY OF ALBUQUERQUE

DON RESERVOIR
SOLID WASTE CONVENIENCE CENTER

MISCELLANEOUS CIVIL DETAILS

JUN 8 1990

PROJECT NO. 3902.91
DRAWING NUMBER C4
SHEET NUMBER

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Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 8/01/02

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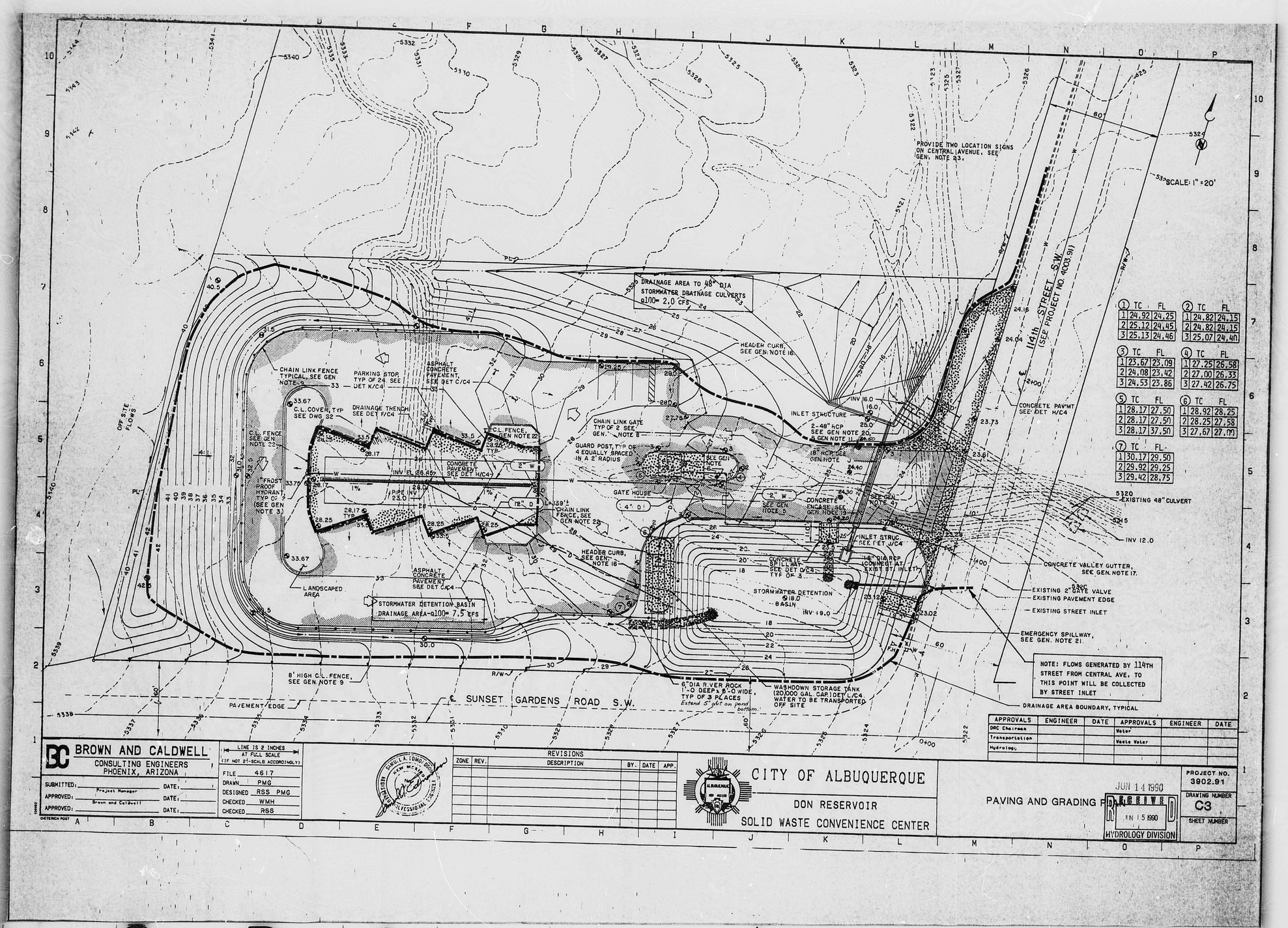
CITY OF ALBUQUERQUE C D



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3 25.13	24.46

② TC	FL
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2 24.82	24.15
3 25.07	24.40

③ TC	FL
1 23.67	23.09
2 24.08	23.42
3 24.53	23.86

④ TC	FL
1 27.25	26.58
2 27.00	26.33
3 27.42	26.75

⑤ TC	FL
1 28.17	27.50
2 28.17	27.50
3 28.17	37.50

⑥ TC	FL
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2 28.25	27.58
3 27.67	27.00

⑦ TC	FL
1 30.17	29.50
2 29.92	29.25
3 29.42	28.75

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman			Water		
Transportation			Waste Water		
Hydrology					

BROWN AND CALDWELL
CONSULTING ENGINEERS
PHOENIX, ARIZONA

SUBMITTED: Project Manager DATE:
APPROVED: Brown and Caldwell DATE:
APPROVED: DATE:

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FILE 4617
DRAWN PMG
DESIGNED RSS PMG
CHECKED WMH
CHECKED RSS

SHULA A. LOMO-BRONI NEW MEXICO PROFESSIONAL ENGINEER

REVISIONS					
ZONE	REV.	DESCRIPTION	BY.	DATE	APP.

CITY OF ALBUQUERQUE
DON RESERVOIR
SOLID WASTE CONVENIENCE CENTER

PAVING AND GRADING PLAN

RECEIVED JUN 14 1990 JUN 15 1990 HYDROLOGY DIVISION

PROJECT NO. 3902.91
DRAWING NUMBER C3
SHEET NUMBER

PLAN SHOT TWICE
ONCE ON LIGHT
ONCE ON DARK

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Roberta Duran
NOTARY PUBLIC

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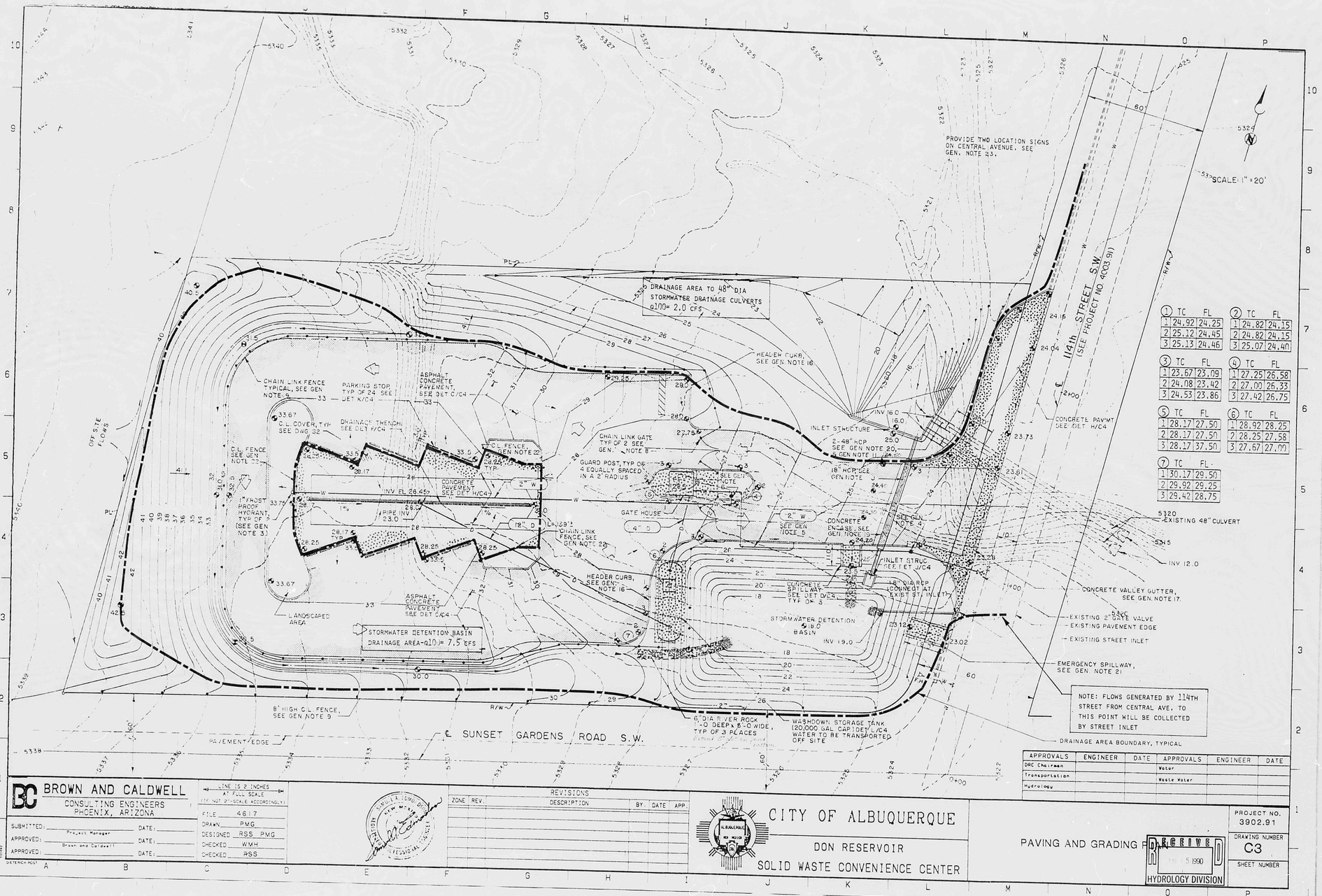
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 8/08/02

D 24 C 20 B 16 A 12 CITY OF ALBUQUERQUE C D



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2	29.92	29.25
3	29.42	28.75

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman			Water		
Transportation			Waste Water		
Hydrology					

BROWN AND CALDWELL
CONSULTING ENGINEERS
PHOENIX, ARIZONA

SUBMITTED: _____ DATE: _____ (Project Manager)
APPROVED: _____ DATE: _____ (Brown and Caldwell)
APPROVED: _____ DATE: _____

LINE IS 2 INCHES AT FULL SCALE (USE NOT 2"-SCALE ACCORDINGLY)

FILE 4617
DRAWN PMG
DESIGNED RSS PMG
CHECKED WMH
CHECKED RSS

REVISIONS

ZONE	REV.	DESCRIPTION	BY	DATE	APP.

CITY OF ALBUQUERQUE
DON RESERVOIR
SOLID WASTE CONVENIENCE CENTER

PAVING AND GRADING PLAN

RECEIVED JUN 5 1990 HYDROLOGY DIVISION

PROJECT NO. 3902.91
DRAWING NUMBER C3
SHEET NUMBER

PLAN SHOT TWICE
ONCE ON LIGHT
ONCE ON DARK

CITY OF ALBUQUERQUE
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R# 27 DATE 3-27-02 OP E 2P

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DIRECTOR 11/5/02

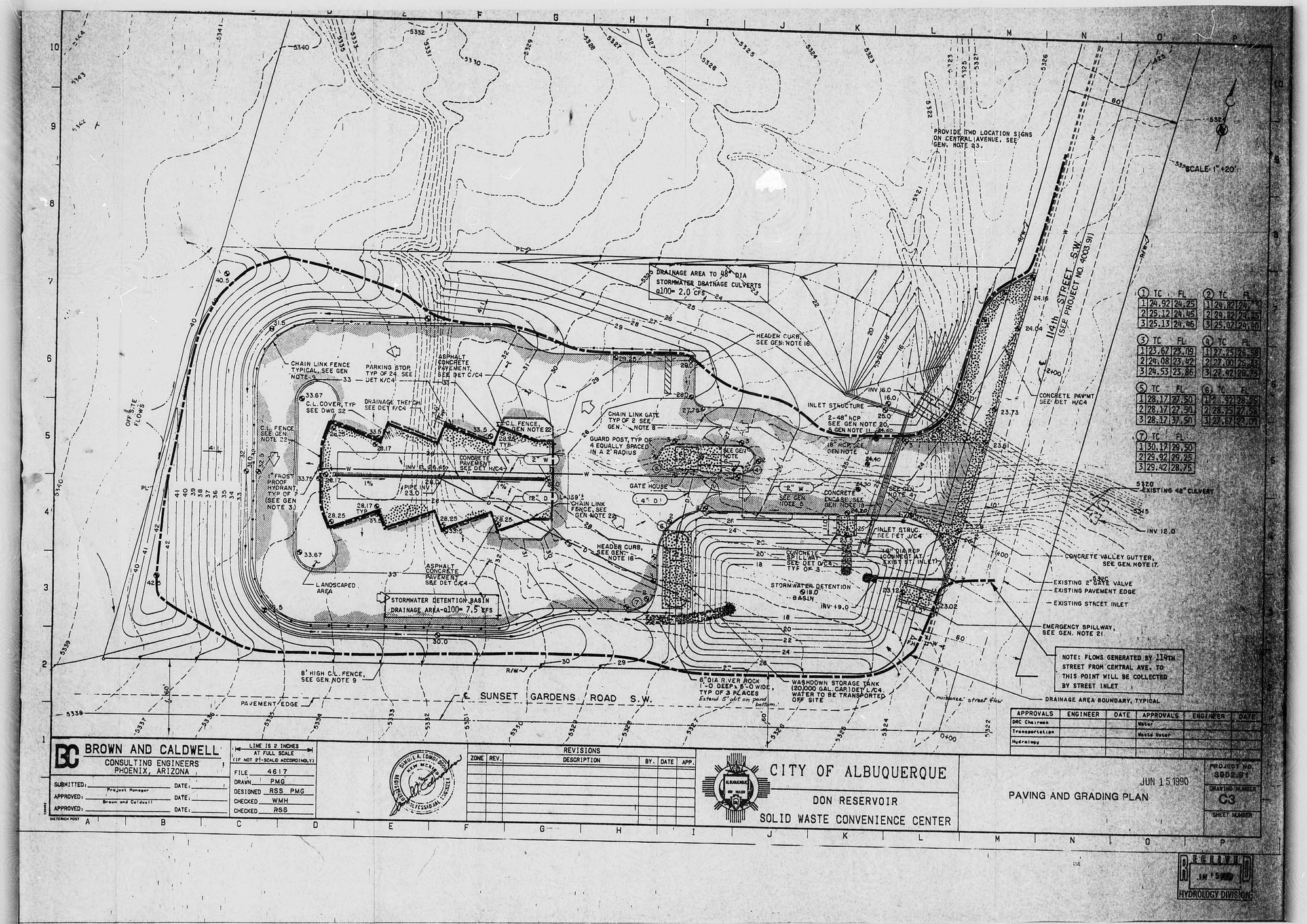
NOTARY PUBLIC
07/07/02

D 24 C 20 B 16 A 12 | CITY OF ALBUQERQUE C D

PUBLIC WORKS/HYDROLOGY

2 OF 2

L8/D9A



APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman			Water		
Transportation			Waste Water		
Hydrology					

BROWN AND CALDWELL
CONSULTING ENGINEERS
PHOENIX, ARIZONA

SUBMITTED: Project Manager DATE:
APPROVED: Brown and Caldwell DATE:
APPROVED: DATE:

LINE IS 2 INCHES AT FULL SCALE (IF NOT 2"-SCALE ACCORDINGLY)

FILE 4617
DRAWN PMG
DESIGNED RSS PMG
CHECKED WMH
CHECKED RSS

REVISIONS

ZONE	REV.	DESCRIPTION	BY.	DATE	APP.

CITY OF ALBUQUERQUE
DON RESERVOIR
SOLID WASTE CONVENIENCE CENTER

PAVING AND GRADING PLAN

JUN 15 1990

PROJECT NO. 3002.91
DRAWING NUMBER C3
SHEET NUMBER

RECEIVED JUN 15 1990 HYDROLOGY DIVISION

PLAN SHOT TWICE
ONCE ON LIGHT
ONCE ON DARK

CITY OF ALBUQUERQUE
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CITY OF ALBUQUERQUE

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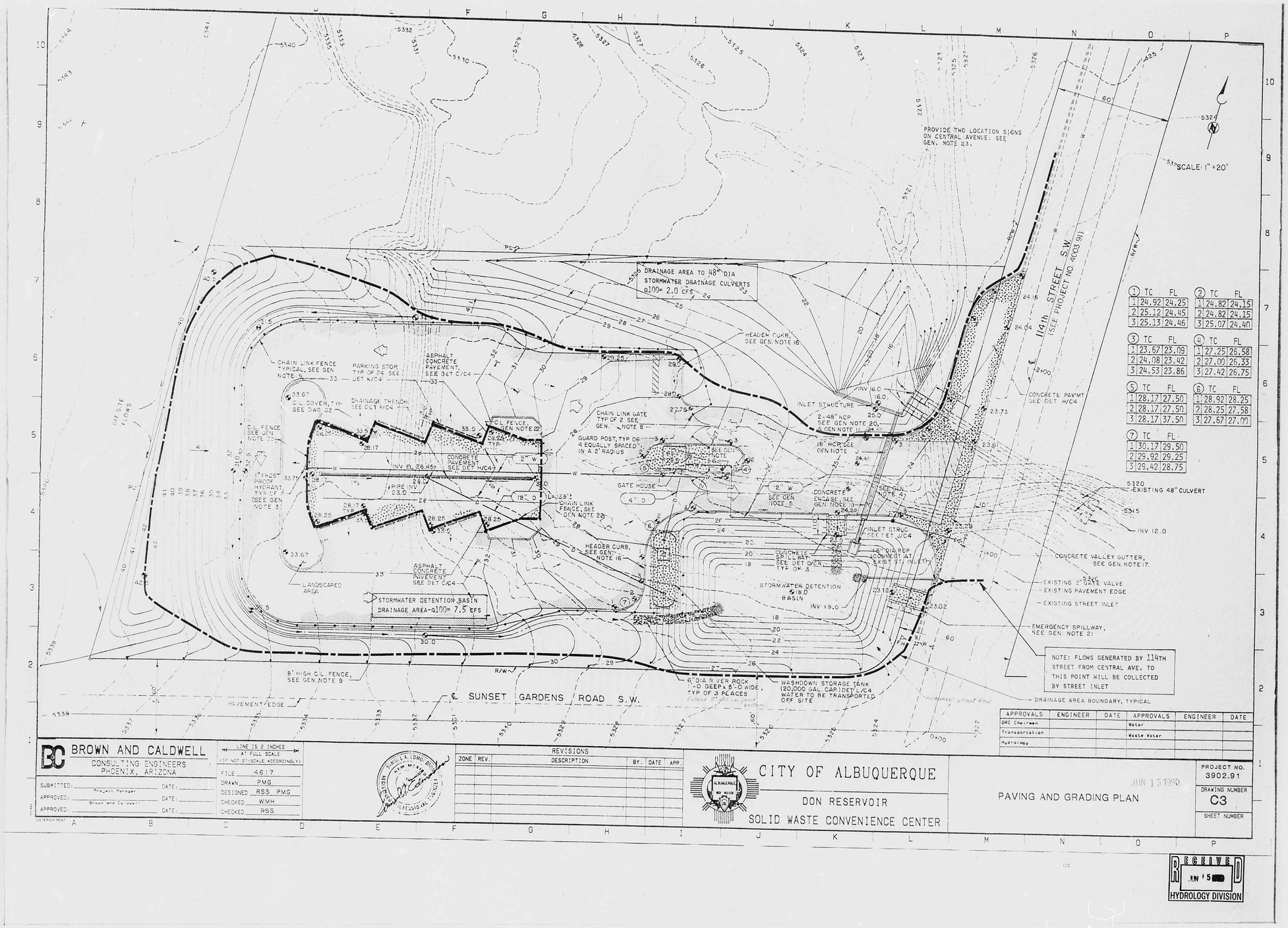
DIRECTOR 11/5/02

NOTARY PUBLIC
OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO

D 24 C 20 B 16 A 12 CITY OF ALBUQUERQUE C D



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APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman			Water		
Transportation			Waste Water		
Hydrology					

BROWN AND CALDWELL
CONSULTING ENGINEERS
PHOENIX, ARIZONA

SUBMITTED: _____ Project Manager DATE: _____
APPROVED: _____ Brown and Caldwell DATE: _____
APPROVED: _____ DATE: _____

LINE IS 2 INCHES AT FULL SCALE (IF NOT 2" SCALE ACCORDINGLY)

FILE 46.17
DRAWN PMG
DESIGNED RSS PMG
CHECKED WMH
CHECKED RSS

REVISIONS

ZONE	REV.	DESCRIPTION	BY	DATE	APP.

CITY OF ALBUQUERQUE
DON RESERVOIR
SOLID WASTE CONVENIENCE CENTER

PAVING AND GRADING PLAN

JUN 15 1990

PROJECT NO. 3902.91
DRAWING NUMBER C3
SHEET NUMBER

RECEIVED JUN 15 HYDROLOGY DIVISION

PLAN SHOT TWICE
ONCE ON LIGHT
ONCE ON DARK

CITY OF ALBUQUERQUE
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CITY OF ALBUQUERQUE

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