

SUMMERLIN



THE PASEOS VILLAGE 23A UNIT 2 IMPROVEMENTS

FOX HILL DRIVE FROM STA 140+00 TO 161+94.00
PASEO BREEZE DRIVE FROM STA 142.+52.47 TO 158+81.64

**APN # 137-34-210-001/002, 137-34-312-001/002/003,
AND 137-34-601-003**
SID #808 PROJECTS 9 AND 10

2003

DEVELOPER



THE HOWARD HUGHES CORPORATION
a Delaware corporation

10000 W. CHARLESTON, SUITE 200
LAS VEGAS, NEVADA 89135
OFFICE PHONE NO. (702) 791-4300
OFFICE FAX NO. (702) 791-4450

ENGINEER

G.C. WALLACE, INC.
Engineers/Planners/Surveyors

1555 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA 89146
OFFICE: (702) 804-2000, FAX: (702) 804-2299
SUMMERLIN OFFICE 10000 CHARLESTON BLVD., STE. 130
OFFICE: (702) 804-2160, FAX: (702) 804-2295

*The affixed Sprint Nevada approval does not assume or guarantee liability for known or unknown conflicts with existing or proposed improvements. Resolution of any conflict will be accomplished pursuant to Local Ordinances, Nevada Revised Statutes and/or Public Utility Commission Rules and Regulations.

DRAINAGE CERTIFICATION

I CERTIFY THAT THE GRADING PLANS ARE IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.

Bert A. Hughes
BERT A. HUGHES R.P.E. 10259 DATE: 1/16/04

THE HOWARD HUGHES CORPORATION,
a Delaware corporation

By: *Larry Brocato*
LARRY BROCATO DATE: 1/26/04

Title: EXECUTIVE VICE PRESIDENT, DEVELOPMENT

"APPROVAL OF THESE PLANS IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHTS-OF-WAY AND / OR DEDICATED EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE THE CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS AND / OR SPECIFICATIONS, EXCEPT THOSE SPECIFICALLY LISTED UNDER DEVIATIONS FROM STANDARDS. THE ENGINEER SHALL RESOLVE ANY DEVIATION OTHER THAN THOSE LISTED IN DEVIATIONS FROM STANDARDS IN FAVOR OF THE UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS CLARK COUNTY AREA NEVADA."

Charles Kankowski Jr.
CHARLES KANKOWSKI JR., PE #4784 DATE: 12-3-2004
CITY ENGINEER
CITY OF LAS VEGAS, NEVADA

CLV PLANNING DEPARTMENT

THIS PLAN MEETS THE APPLICABLE STANDARDS IF THE PLANNING AND DEVELOPMENT DEPARTMENT

Margo Wheeler
MARGO WHEELER, AICP, CURRENT PLANNING MANAGER DATE: 12.9.04

NEVADA POWER COMPANY DISCLAIMER

NOTE:
EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATIONS.

CALL BEFORE YOU DIG: 1(800)227-2600

NEVADA POWER Co. *Sandy Larsen* DATE: 1-21-04
REVIEWED BY: *Sandy Larsen*

LAS VEGAS VALLEY WATER DISTRICT
(SHEETS 1, 2, 5, 8-9, 11-17, 21-23) (PROJECT #96130) DATE: 2-21-07

John Johnson
John Johnson DATE: 11-30-07
CITY ENGINEER
CITY OF LAS VEGAS, NEVADA

This grading plan is part of drainage study #3400-2 which was approved by *John Johnson* DATE: 12/16/07

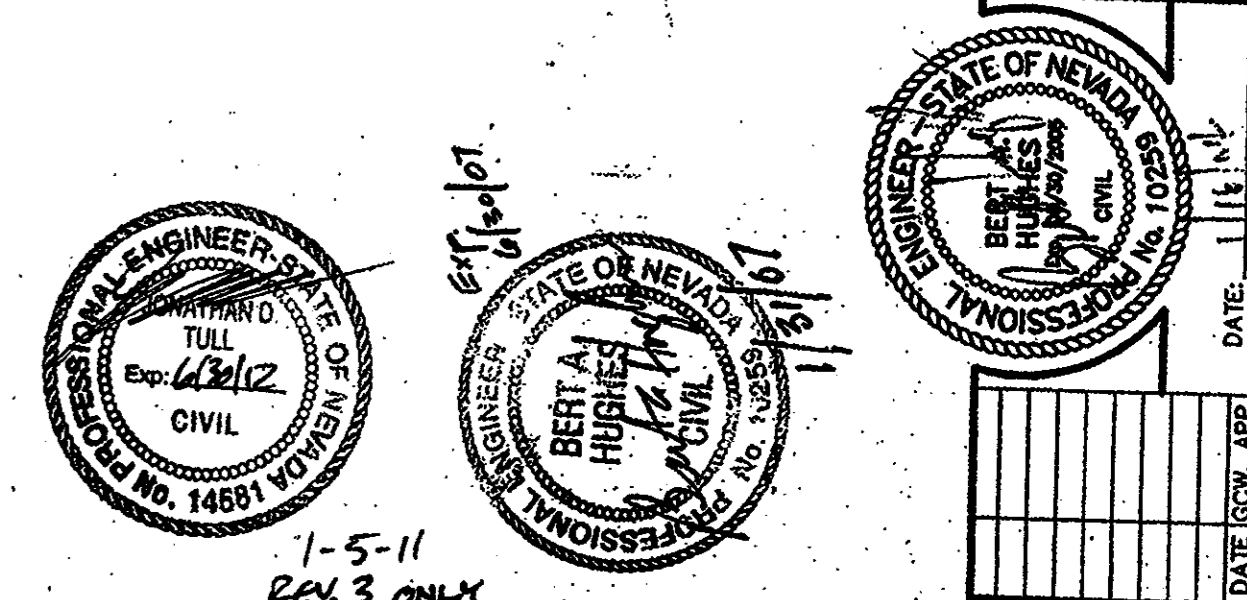
SOUTHWEST GAS CORP. *Krista M. King* DATE: 1/21/04
COX COMMUNICATIONS LAS VEGAS INC. DATE: 1/21/04

REV	APPROVAL DATE	DESCRIPTION
△	3/20/2006	REVISE STREET LIGHT VERIFICATION TABLE, ADD STREET LIGHT AND CONDUIT.
△	2/15/2007	REVISED APN #, LVWD SHEET COUNT, PROJECT #, FIRE DEPARTMENT SIGNATURE.
△		ADDED 18" STORM DRAIN LATERAL.

PROJECT NAME: VILLAGE 23A UNIT 2 IMPROVEMENTS
DATE: 01-16-04
This plan complies with the Las Vegas Valley Water District technical requirements. However, this water plan is **NOT APPROVED FOR CONSTRUCTION** at this time and this signature does not provide or imply a water compliance.

Greg Lang
DATE: 01/16/04

NEVADA POWER COMPANY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL WORK ASSOCIATED WITH THIS PROJECT. NEVADA POWER COMPANY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS OR OTHER DISCREPANCIES. THE NEW SERVICE AND THIS RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.



REV	DATE	DESCRIPTION
1	01-16-04	ISSUE DATE
2	02-21-07	DATE LAST REVISED

G.C. WALLACE, INC.
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TELEPHONE: (702) 804-2000 • FAX: (702) 804-2299

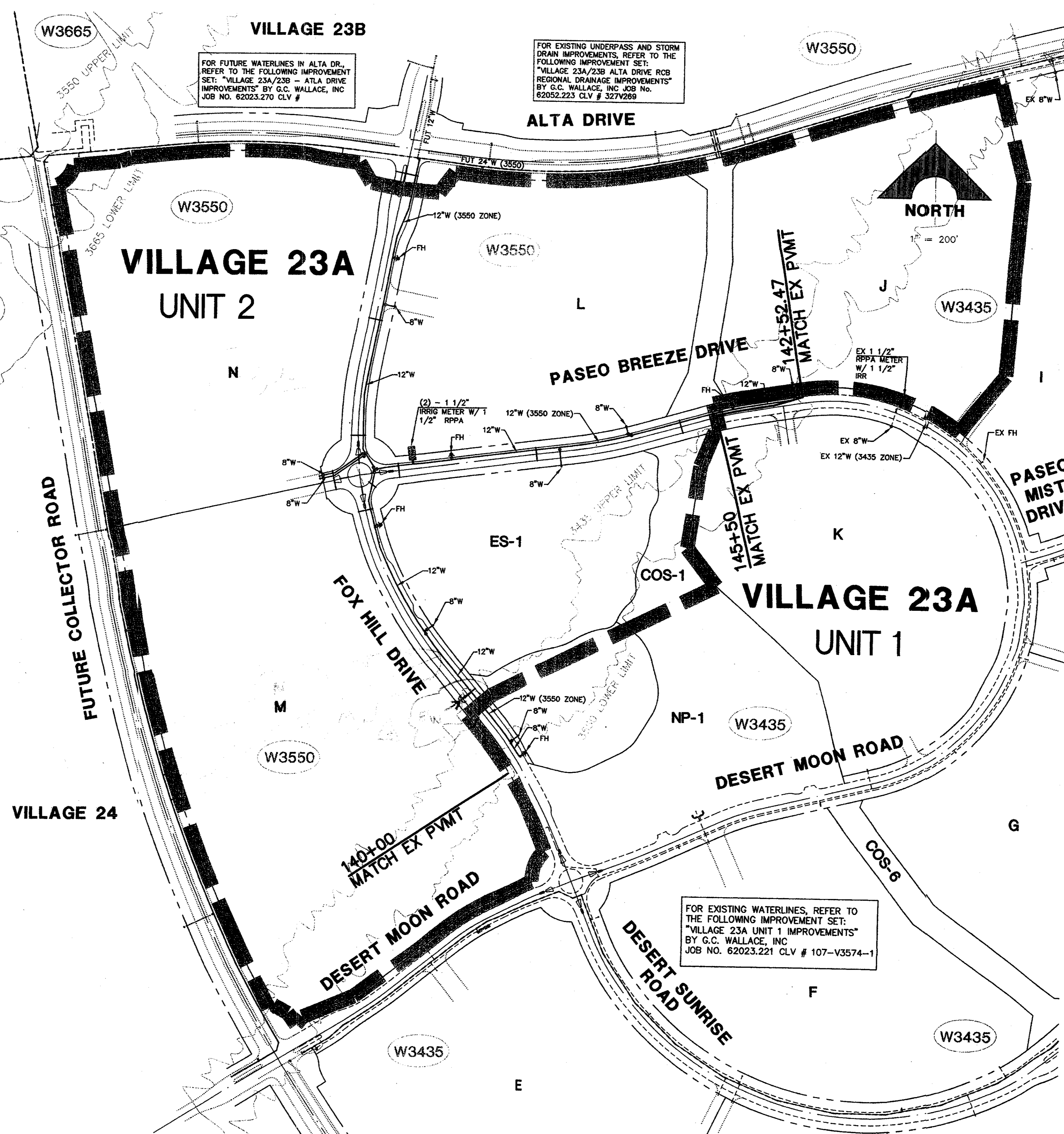
SUMMERLIN
VILLAGE 23A UNIT 2 IMPROVEMENTS
COVER SHEET
SHEET 1 OF 32 SHTS
JOB NO. 62023-222

CITY OF LAS VEGAS FIRE DEPARTMENT NOTES

- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CITY OF LAS VEGAS FIRE DEPARTMENT'S ORDINANCE # 5115, "HYDRANT SPECIFICATIONS", AND "HYDRANT INSTALLATION SPECIFICATION".
- AUTHORIZED HYDRANTS FOR THIS PROJECT ARE:
 - KENNEDY - GUARDIAN MODELS KB1A AND KB1D
 - MUELLER SUPER CENTRIFUGAL 250 MODEL A-423
 - QLOW - MODEL F-2548LV
 - TROY VALVE - PATRIOT MODEL PT8100N NEVADA HYDRANT
- ON ANY RESIDENTIAL OR COMMERCIAL INSTALLATIONS FIRE HYDRANTS SHALL BE INSTALLED AND FIRE APPARATUS ACCESS ROADS SHALL BE MAINTAINED BEFORE COMMENCEMENT OF ANY COMBUSTIBLE CONSTRUCTION. ALL FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER AND SHALL BE CAPABLE OF DELIVERING THE REQUIRED FIRE FLOW.
- TO IDENTIFY THE FIRE HYDRANT LOCATIONS, CONTRACTOR SHALL PLACE A BLUE REFLECTIVE MARKER AT THE CENTER LINE OF STREET ADJACENT TO THE FIRE HYDRANTS AS REQUIRED BY ORDINANCE #5115.
- ALL UNDERGROUND INSPECTIONS, PRESSURE AND FLUSH VERIFICATIONS OF ALL FIRE HYDRANTS AND FIRE LINES, SHALL BE CONDUCTED BEFORE COVERING THE LINES. CALL THE CITY OF LAS VEGAS INSPECTION HOT-LINE AT 228-2071 TO REQUEST AN INSPECTION BY THE CITY OF LAS VEGAS FIRE DEPARTMENT.
- PAINTING OF THE CURBS AND HYDRANTS AND ALL OTHER WORK NECESSARY AS REQUIRED BY ORDINANCE #5115, FOR THE PROTECTION OF FIRE HYDRANTS FROM PHYSICAL DAMAGE, SHALL BE COMPLETED BEFORE APPROVAL BY THE CITY OF LAS VEGAS FIRE DEPARTMENT.
- A PERMIT IS REQUIRED FROM THE CITY OF LAS VEGAS FIRE DEPARTMENT FOR ON-SITE WATER LINES AND FIRE HYDRANTS. THE PERMIT AND CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR UNDERGROUND PIPING FORM SHALL BE OBTAINED FROM THE CITY ENGINEER BEFORE COMMENCEMENT OF WORK.
- PRIVATE FIRE HYDRANTS SHALL BE PAINTED RED.
- PRIOR TO THE FINAL OCCUPANCY, A FLOW TEST MUST BE WITNESSED BY THE CITY OF LAS VEGAS FIRE DEPARTMENT TO VERIFY AVAILABILITY OF THE REQUIRED FIRE FLOW.
- ALL ON-SITE UNDERGROUND WATER MAINS AND MATERIALS SHALL BE U.L. LISTED, A.W.W.A. APPROVED, AND SHALL BE RATED FOR THE APPROPRIATE WORKING PRESSURE.
- FIRE HYDRANT SPACING:
 - RESIDENTIAL - 500 FEET W/O SPRINKLERS; 1000 FEET W/ SPRINKLERS.
 - COMMERCIAL - 300 FEET W/O SPRINKLERS; 600 FEET W/ SPRINKLERS.
- WHERE NEW WATER MAINS ARE EXTENDED ALONG STREETS WHERE FIRE HYDRANTS ARE NOT NEEDED FOR PROTECTION OF THE STRUCTURES, FIRE HYDRANTS SHALL BE INSTALLED AT MAXIMUM 1,000 FOOT SPACING, TO PROVIDE FOR TRANSPORTATION HAZARDS.
- NO FIRE HYDRANTS SHALL BE LOCATED WITHIN THE REQUIRED RADIUS OF A CUL-DE-SAC OR WITHIN TWENTY FEET (20') OF THE PERIMETER OF THE RADIUS OF THE CUL-DE-SAC.
- NO FIRE HYDRANTS SHALL BE LOCATED WITHIN SIX FEET (6') OF ANY CURB RETURN, DRIVEWAY, POWER POLE, STREET LIGHT OR ANY OTHER OBSTRUCTION.
- THE MAXIMUM DISTANCE FROM A FIRE HYDRANT TO THE END OF A DEAD-END STREET SHALL NOT EXCEED 200 FEET.
- THE MAXIMUM DISTANCE FROM A FIRE HYDRANT TO A FIRE DEPARTMENT CONNECTION (FDC) SHALL NOT EXCEED 100 FEET AS MEASURED BY AN APPROVED ROUTE.
- TWO SOURCES OF SUPPLY ARE REQUIRED WHENEVER THERE ARE FOUR (4) OR MORE FIRE HYDRANTS/LEAD-INS INSTALLED ON A SINGLE SYSTEM.
- SECTIONAL CONTROL VALVES SHALL BE INSTALLED SO THAT NO MORE THAN 2 FIRE HYDRANTS CAN BE OUT OF SERVICE DUE TO A BREAK IN A WATER MAIN.
- ALL FIRE APPARATUS ACCESS ROADS SHALL HAVE AN UNOBSTRUCTED WIDTH OF NOT LESS THAN TWENTY FEET (20') (FLOW LINE TO FLOW LINE), PROVIDED NO PARKING IS ALLOWED ON EITHER SIDE, TWENTY-EIGHT FEET (28') (FLOW LINE TO FLOW LINE), IF PARALLEL PARKING IS ALLOWED ON ONE SIDE ONLY, AND THIRTY-SIX FEET (36') (FLOW LINE TO FLOW LINE), IF PARALLEL PARKING IS ALLOWED ON BOTH SIDES. VERTICAL CLEARANCE SHALL NOT BE LESS THAN THIRTEEN FEET, SIX INCHES (13'-6").
- ALL FIRE APPARATUS ACCESS ROADS SHALL BE PAVED TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES, AND SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF THE FIRE APPARATUS.
- THE GRADIENT FOR A FIRE APPARATUS ACCESS ROADS SHALL NOT EXCEED 12% ANGLES OF APPROACH AND ANGLES OF DEPARTURE; SHALL NOT EXCEED 6% FOR 25 FEET PRIOR TO OR AFTER THE GRADE CHANGE.
- THE TURNING RADIUS FOR ANY FIRE APPARATUS ACCESS ROAD SHALL BE NO LESS THAN FIFTY-TWO FEET (52') OUTSIDE RADIUS AND TWENTY-EIGHT FEET (28') INSIDE RADIUS.
- A FIRE APPARATUS ROAD SHALL BE REQUIRED WHEN ANY PORTION OF AN EXTERIOR WALL OF THE FIRST STORY IS LOCATED MORE THAN ONE HUNDRED FIFTY FEET (150') FROM A FIRE DEPARTMENT VEHICLE ACCESS (SEE EXCEPTIONS IN UFG 97, SECTION 902.2).
- ALL DEAD END FIRE APPARATUS ACCESS ROADS, PUBLIC OR PRIVATE, IN EXCESS OF ONE HUNDRED FIFTY FEET (150') IN LENGTH SHALL BE PROVIDED WITH AN APPROVED TURN AROUND AREA HAVING A MINIMUM DIAMETER OF 81 FEET (BACK OF CURB TO THE BACK OF CURB).
- ALL FIRE APPARATUS ROADS SHALL BE MARKED BY PLACING APPROVED SIGNS AT THE START OF THE DESIGNATED FIRE LANE, ONE SIGN AT THE END OF THE FIRE LANE, AND AT INTERVALS OF ONE HUNDRED FEET (100') ALONG ALL DESIGNATED FIRE LANES. SIGNS TO BE PLACED ON BOTH SIDES OF AN ACCESS ROADWAY, IF NEEDED, TO PREVENT TURNING ON EITHER SIDE. SIGNS TO BE INSTALLED NO HIGHER THAN TEN FEET (10') OR LESS THAN SIX FEET (6') FROM ROADWAY LEVEL. THE CURBS ALONG OR ON THE PAVEMENT OR CEMENT, IF CURB IS NOT PROVIDED, SHALL BE PAINTED WITH A RED WEATHER RESISTANT PAINT IN ADDITION TO THE SIGNS.
- ELECTRICALLY CONTROLLED ACCESS GATES SHALL BE PROVIDED WITH AN APPROVED EMERGENCY VEHICLE DETECTOR/RESENER SYSTEM AND SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF LAS VEGAS GUIDELINES FOR AUTOMATIC EMERGENCY VEHICLE ACCESS GATES.

LAS VEGAS VALLEY WATER DISTRICT (LVVWD) STANDARD NOTES

- LVVWD PROJECT #16435
- NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN APPROVED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATIONS SUPPORT CENTER (258-7171) TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. FOR FUTURE INSPECTIONS, NOTICE MUST BE GIVEN BY 2:00 P.M. THE BUSINESS DAY PRIOR TO THE REQUESTED LVVWD INSPECTION. WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT # IDENTIFIED ABOVE.
 - ALL WORK SHALL CONFORM TO LVVWD STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS, AND TO THE 2003 EDITION OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS).
 - ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2 ABOVE, SHALL BE DONE IN ACCORDANCE WITH THE MOST RECENT DRAFT OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENT, CLARK COUNTY AREA.
 - A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
 - ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
 - ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
 - ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB CUTTERS.
 - ALL WATER AND STORM DRAIN OR SANITARY SEWER CROSSINGS SHALL CONFORM TO SECTION 2.19 OF THE 2003 EDITION OF THE UDACS.
 - ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED, AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVWD DISTRIBUTION SYSTEM.
 - THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CENTRAL STORES. TELEPHONE 258-3152 OR 258-3802, TWO WORKING DAYS PRIOR TO METER PICKUP.
 - ANY INTERRUPTION OF SERVICE MUST BE APPROVED BY THE LVVWD INSPECTION DIVISION PRIOR TO SHUTDOWN. PROPER WRITTEN NOTIFICATION MUST BE GIVEN TO ALL AFFECTED CUSTOMERS.
 - ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE AS LISTED ON THE LVVWD PRE-APPROVED MATERIALS AND MANUFACTURER'S LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.
 - TELEPHONE "CALL BEFORE YOU DIG" AT 1-800-227-2600.



WATER QUANTITIES (PUBLIC)

8" PVC DR-18 WATER	417	LF
8" DIP WATER	3,580	LF
12" PVC DR-18 WATER	5	EA
FIRE HYDRANTS	5	EA
1 1/2" METER W/RPPA	2	EA
8" CAP W/ 2" BLOWOFF	1	EA
8" X6" REDUCER	1	EA
12" X6" REDUCER	2	EA
6" GATE VALVE	5	EA
8" GATE VALVE	11	EA
12" GATE VALVE	7	EA
12" X6" TEE	2	EA
12" X6" TEE	2	EA
12" X12" TEE	1	EA
8" BENDS	4	EA
12" BENDS	9	EA
IRRIGATION SLEEVES BANK "A"	443	LF
IRRIGATION SLEEVES BANK "B"	154	LF

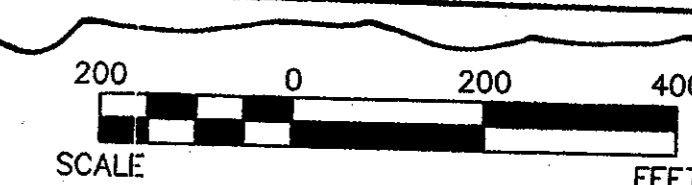
NOTE
ADJUST WATER VALVE BOX TO FINISHED GRADE PER UDACS PLATE B. VALVE SHALL BE ACCESSIBLE AT ALL TIMES. ALSO ADJUST MANHOLES, AIR-VAUS, AND BLOW OFFS TO FINISH GRADE AS NECESSARY

NOTE
APPROVAL OF THESE PLANS FOR THE WATER STUBOUT INSTALLATION WILL NOT BE CONSIDERED AS A COMMITMENT FOR WATER SERVICE TO THIS PROPERTY.

LVVWD NOTE
PLAN APPROVAL CONTINGENT UPON COMPLETION OF SUMMERLIN VILLAGE 23B 3550 PRESSURE ZONE 2A LINE PROJECT #16422, CONTRACT #1092 - 3665 ZONE PUMPING STATION DISCHARGE PIPELINE AND PUMP, AND CONTRACT #1120 - 3665 ZONE PUMPING STATION.

CONDITIONAL APPROVAL OF VALVED OUTLET (6" and larger)
The water plans show one or more valved outlets extending out of paved areas. Installation of these outlets is acceptable, however, if the outlets are incorrectly located or not used for any reason when the property is actually developed, the developer shall abandon the outlets at the connection to the active main in accordance with the District's standards and at the Developer's expense.

ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.19 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.



Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)



BENCHMARK

CLV BM NO.	DESC.	NAVD 88 DATUM	NAVD 88 DATUM
D368 3	U.S.C. & G.S. BRASS DISC SET IN ROCK ON THE EAST SIDE OF CHARLESTON BOULEVARD AND SOUTH OF THE RED ROCK DETENTION BASIN.	3246.71 (FEET)	989.599 (METERS)

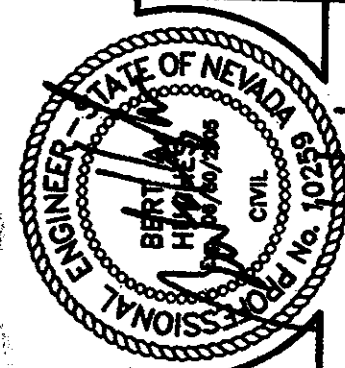
BASIS OF BEARINGS
NORTH 89°45'05" EAST BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 35, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN BY MAP ON FILE IN FILE # 002 28 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA

APPROVED FOR CONSTRUCTION
This grading plan is part of drainage plan #16435 which was approved on 1-30-07 by the City of Las Vegas Fire Department.

APPROVAL: on 6/16/11 and App'd on 6/20/12
LAS VEGAS VALLEY WATER DISTRICT (PROJECT #16435) DATE

WATER MAIN JOINT DEFLECTION (PVC 4"-24")
PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,150 FEET, PER UDACS 2.06.01 AND 2.08.02.
FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED.

3550 PZ
THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL ON-SITE (PRIVATE), PRESSURE-REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRV'S ARE THE DEVELOPER'S RESPONSIBILITY, AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVWD FACILITIES.



DESIGN: GSW/STP
DRAWING: JN/STP
CHECK: BAH
ISSUE DATE:
PLOT DATE: 01-23-04
PLOT TIME: 08:27:43

G. C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 SOUTH RAINBOW BLVD., LAS VEGAS, NEVADA 89146
TELEPHONE: (702) 804-2000 • FAX: (702) 804-2259
www.gwallaceinc.com



SUMMERLIN
VILLAGE 23A UNIT 2 IMPROVEMENTS
WATER MASTER PLAN

VILLAGE 23B

FOR FUTURE UTILITIES IN ALTA DR., REFER TO THE FOLLOWING IMPROVEMENT SET:
"VILLAGE 23A/23B - ALTA DRIVE IMPROVEMENTS" BY G.C. WALLACE, INC JOB NO. 62023.270 CLV #

FOR EXISTING UNDERPASS AND STORM DRAIN IMPROVEMENTS, REFER TO THE FOLLOWING IMPROVEMENT SET:
"VILLAGE 23A/23B ALTA DRIVE RCB REGIONAL DRAINAGE IMPROVEMENTS" BY G.C. WALLACE, INC JOB NO. 62052.223 CLV # 327V269

Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

CALL BEFORE YOU DO OVERHEAD
CALL 1-702-593-8111

BENCHMARK

CLV BM NO.	DESC.	NAVD 88 DATUM	NAVD 88 DATUM
0368 3	U.S.C. & G.S. BRASS DISC SET IN ROCK ON THE EAST SIDE OF CHARLESTON BOULEVARD AND SOUTH OF THE RED ROCK DETENTION BASIN.	3246.71 (FEET)	989.599 (METERS)

BASIS OF BEARINGS
NORTH 89°45'05" EAST BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 35, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN BY MAP ON FILE IN FILE 91, PAGE 28 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA

SEWER QUANTITIES (PUBLIC)

8" C-900	992	LF
8" SDR 35		LF
8" PLUG W/ CAP	2	EA
48" SANITARY MANHOLE	7	EA

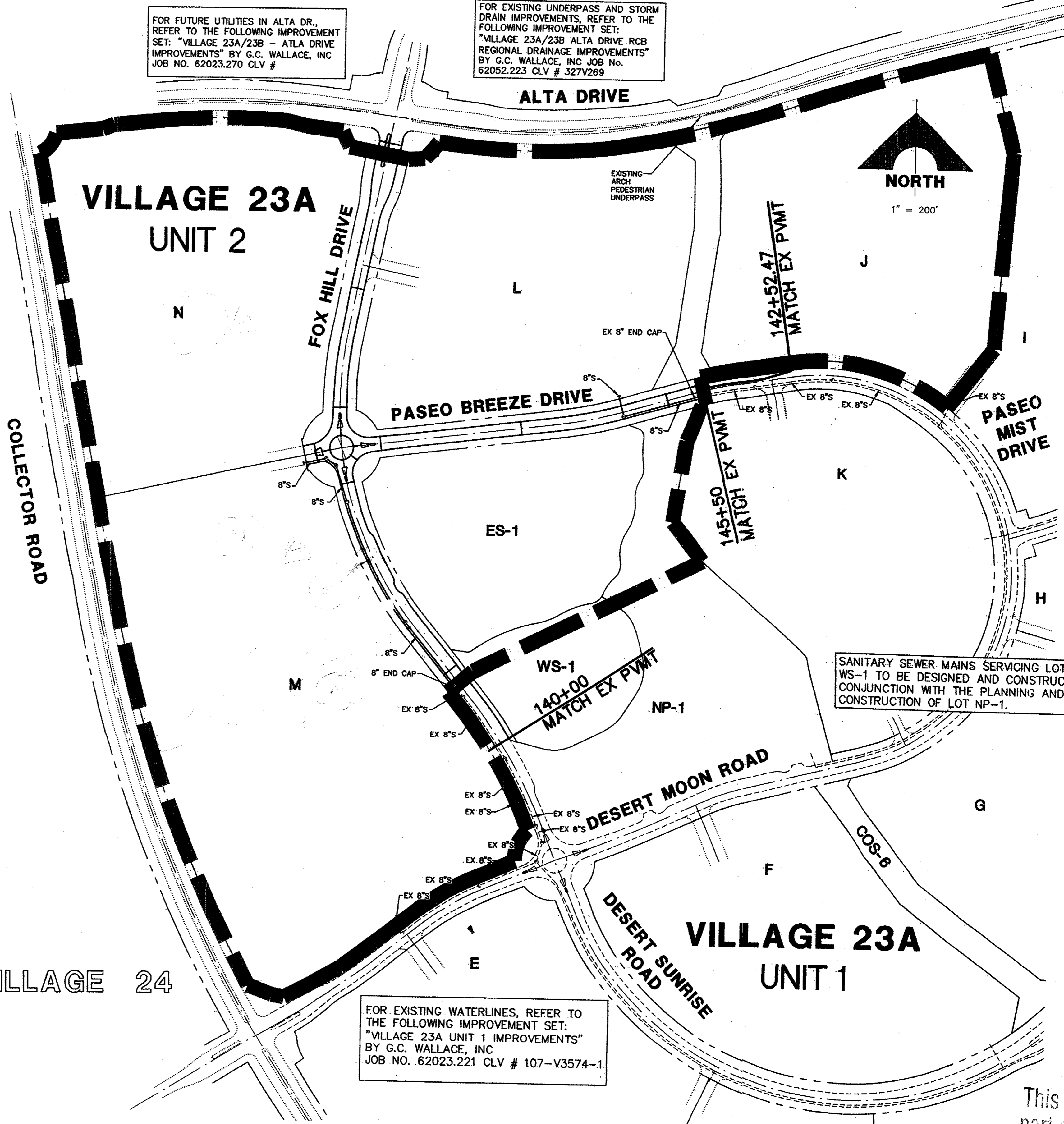
CITY OF LAS VEGAS SEWER NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS" AND THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS" CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, AS AMENDED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATIONS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS. ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CITY ENGINEER.
- CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
- POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II AGGREGATE BASE.
- ALL MANHOLES PAVED IN STREETS EIGHTY FOOT (80') RIGHT OF WAY AND LARGER SHALL HAVE CONCRETE COLLARS. STREETS LESS THAN EIGHTY FOOT (80') RIGHT OF WAY WILL REQUIRE RETROFIT IF PAVING DOES NOT CONFORM TO CITY STANDARDS AT THE MANHOLE.
- TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO TWELVE INCH (12") DIAMETER. CONNECTIONS TO FIFTEEN-INCH (15") DIAMETER OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES. IN LINE "Y" S SHALL BE USED ON LINES TWELVE INCHES (12") OR ABOVE.
- WATER MAINS SHALL BE PROTECTED IN ACCORDANCE WITH LVWD STANDARDS WHENEVER A SEWER MAIN CROSSES OVER A WATER MAIN OR THE SEWER IS LESS THAN EIGHTEEN INCH (18") UNDER A WATER MAIN.
- ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CITY OF LAS VEGAS MUST BE STATE OF NEVADA CLASS "A" CONTRACTORS.
- THE CITY OF LAS VEGAS WILL NOT ACCEPT ANY SEWER MAINS WHICH HAVE A VERTICAL DEFLECTION OF MORE THAN ONE TENTH (0.1) OF A FOOT FROM THE APPROVED CONSTRUCTION PLANS AT ANY LOCATION. SEWER MAINS FOUND TO EXCEED THIS TOLERANCE WILL HAVE TO BE REPAIRED OR REMOVED OR REPLACED TO THE SATISFACTION OF THE CITY ENGINEER PRIOR TO ACCEPTANCE BY THE CITY OF LAS VEGAS.
- INSTALLATION OF CURVED SEWER REQUIRES THE USE OF C-900 PVC PIPE WHICH ALLOWS FOR PIPE DEFLECTION AT THE JOINTS.

SANITARY SEWER MANHOLE SCHEDULE

MH #	STREET NAME	STATION & OFFSET	INV IN	INV IN	INV OUT	RIM
1	FOX HILL DRIVE	142+50.00, 15.00' LT	-	3316.51	3316.31	3329.4±
2	FOX HILL DRIVE	145+15.00, 15.00' LT	-	3331.57	3331.37	3342.2±
3	FOX HILL DRIVE	149+58.76, 15.00' LT	-	3350.47	3350.27	3363.4±
4	FOX HILL DRIVE	150+84.80, 27.14' LT	-	3353.25	3353.05	3366.5±
5	PASEO BREEZE DRIVE	158+42.96, 25.00' LT	-	3354.27	3354.07	3367.3±
6	PASEO BREEZE DRIVE	145+86.04, 15.00' LT	-	3317.57	3317.37	3329.0±
7	PASEO BREEZE DRIVE	148+28.78, 15.00' LT	-	3320.98	3320.78	3335.6±

VILLAGE 24



SANITARY SEWER MAINS SERVICING LOTS ES-1 AND WS-1 TO BE DESIGNED AND CONSTRUCTED IN CONJUNCTION WITH THE PLANNING AND CONSTRUCTION OF LOT NP-1.

FOR EXISTING WATERLINES, REFER TO THE FOLLOWING IMPROVEMENT SET:
"VILLAGE 23A UNIT 1 IMPROVEMENTS" BY G.C. WALLACE, INC JOB NO. 62023.221 CLV # 107-V3574-1

Professional Engineer Seal: State of Nevada, Bert Huppler, No. 10089, Exp. 12/31/11

Professional Engineer Seal: State of Nevada, Bert Huppler, No. 10089, Exp. 12/31/11

Professional Engineer Seal: State of Nevada, Bert Huppler, No. 10089, Exp. 12/31/11

G.C. WALLACE, INC.
Engineers/Planners/Surveyors
1500 W. BLDG. LAS VEGAS, NEVADA 89146
TELEPHONE: (702) 644-2000 • FAX: (702) 804-2299
F: V23 Unit 2.dwg \MPS\23A\2306.dwg

SUMMERLIN
VILLAGE 23A UNIT 2 IMPROVEMENTS
SEWER MASTER PLAN
SHEET 6
JOB NO. 62023.222

This grading plan is a part of drainage study #3902-2 which was received on 6/16/11 and App'd on 6/27/11. Page 4 of 12

VILLAGE 23B

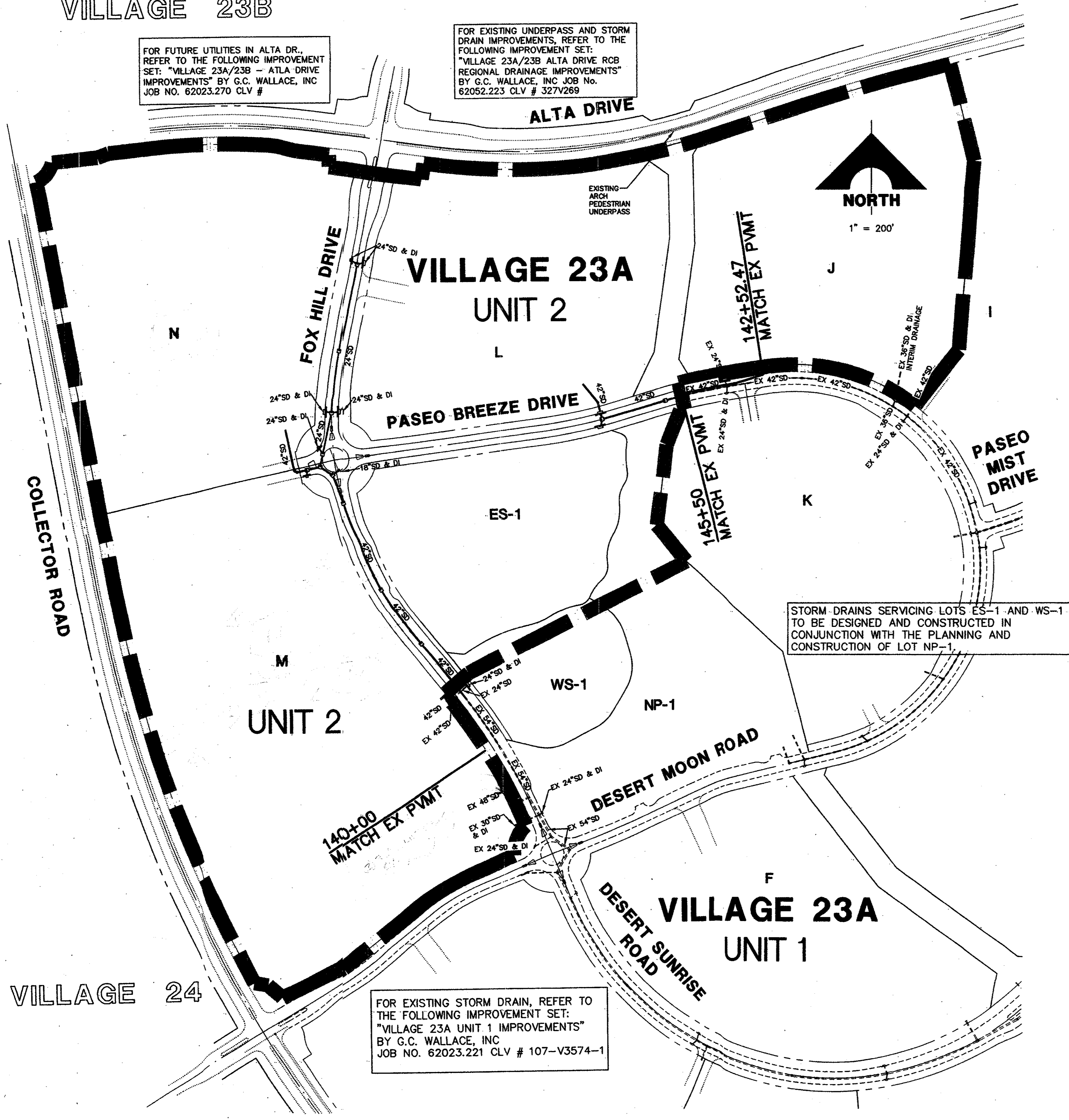
FOR FUTURE UTILITIES IN ALTA DR., REFER TO THE FOLLOWING IMPROVEMENT SET: "VILLAGE 23A/23B - ALTA DRIVE IMPROVEMENTS" BY G.C. WALLACE, INC JOB NO. 62023.270 CLV #

FOR EXISTING UNDERPASS AND STORM DRAIN IMPROVEMENTS, REFER TO THE FOLLOWING IMPROVEMENT SET: "VILLAGE 23A/23B ALTA DRIVE RCB REGIONAL DRAINAGE IMPROVEMENTS" BY G.C. WALLACE, INC JOB NO. 62052.223 CLV # 327V269

STORM DRAIN ESTIMATED QUANTITIES (PUBLIC)

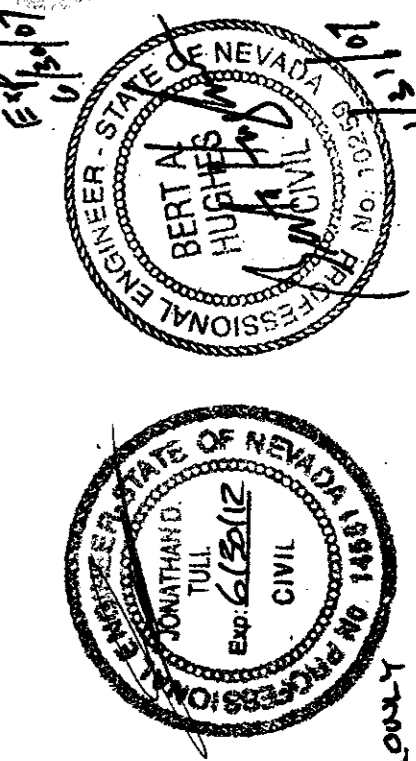
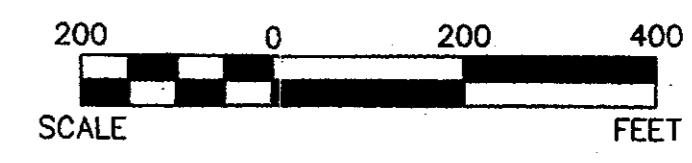
18" STORM DRAIN CLASS III RCP	26 LF
24" STORM DRAIN CLASS III RCP	1,103 LF
42" STORM DRAIN CLASS III RCP	1,277 LF
42" STORM DRAIN HDPE	260 LF
MANHOLE - TYPE I	1 EA
MANHOLE - TYPE II	7 EA
MANHOLE - TYPE III	6 EA
MOD "C" DROP INLET (11.5')	1 EA
MOD "C" DROP INLET (8.5')	2 EA
MOD "C" DROP INLET (5.5')	7 EA
JENSEN PRECAST 36"x36" DROP INLET	1 EA

QUANTITIES ARE ESTIMATED ONLY. CONTRACTOR IS TO VERIFY DURING BIDDING PROCESS.



STORM DRAINS SERVICING LOTS ES-1 AND WS-1 TO BE DESIGNED AND CONSTRUCTED IN CONJUNCTION WITH THE PLANNING AND CONSTRUCTION OF LOT NP-1.

FOR EXISTING STORM DRAIN, REFER TO THE FOLLOWING IMPROVEMENT SET: "VILLAGE 23A UNIT 1 IMPROVEMENTS" BY G.C. WALLACE, INC JOB NO. 62023.221 CLV # 107-V3574-1



Avoid cutting underground utility lines. It's costly.
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EMERGENCY SERVICE ALERT ONLY



BENCHMARK

CLV	DESC.	NAVD 88 DATUM	NAVD 88 DATUM
D368 3	U.S.C. & G.S. BRASS DISC SET IN ROCK ON THE EAST SIDE OF CHARLESTON BOULEVARD AND SOUTH OF THE RED ROCK DETENTION BASIN.	3246.71 (FEET)	989.599 (METERS)

BASIS OF BEARINGS
NORTH 89°45'05" EAST BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 35, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN BY MAP ON FILE IN FILE 91, PAGE 28 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA

This grading plan is a part of drainage study # 3402-2 which was received on 6/16/11 and approved by CLV # 107V3574-2 on 6/27/11. Page 5 of 12

DATE: 6/27/11

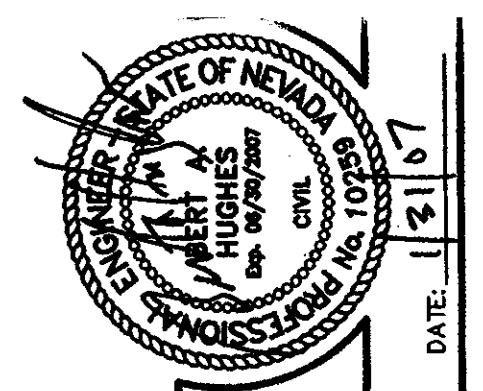
DESIGN: GWM/GTP
DRAWN: JN/GTP
CHECK: BAH
ISSUE DATE:
ISSUE EDITOR:
PLOT DATE: 01-28-04
PLOT TIME: 06:38:02

G.C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 SOUTH HANBOW BLVD., LAS VEGAS, NEVADA, 89146
TELEPHONE: (702) 801-2000 • FAX: (702) 804-2289
E: V23@wallaceinc.com

SUMMERLIN
VILLAGE 23A UNIT 2 IMPROVEMENTS
STORM DRAIN MASTER PLAN

SHEET 7 OF 32 SHEETS

JOB NO. 62023.222

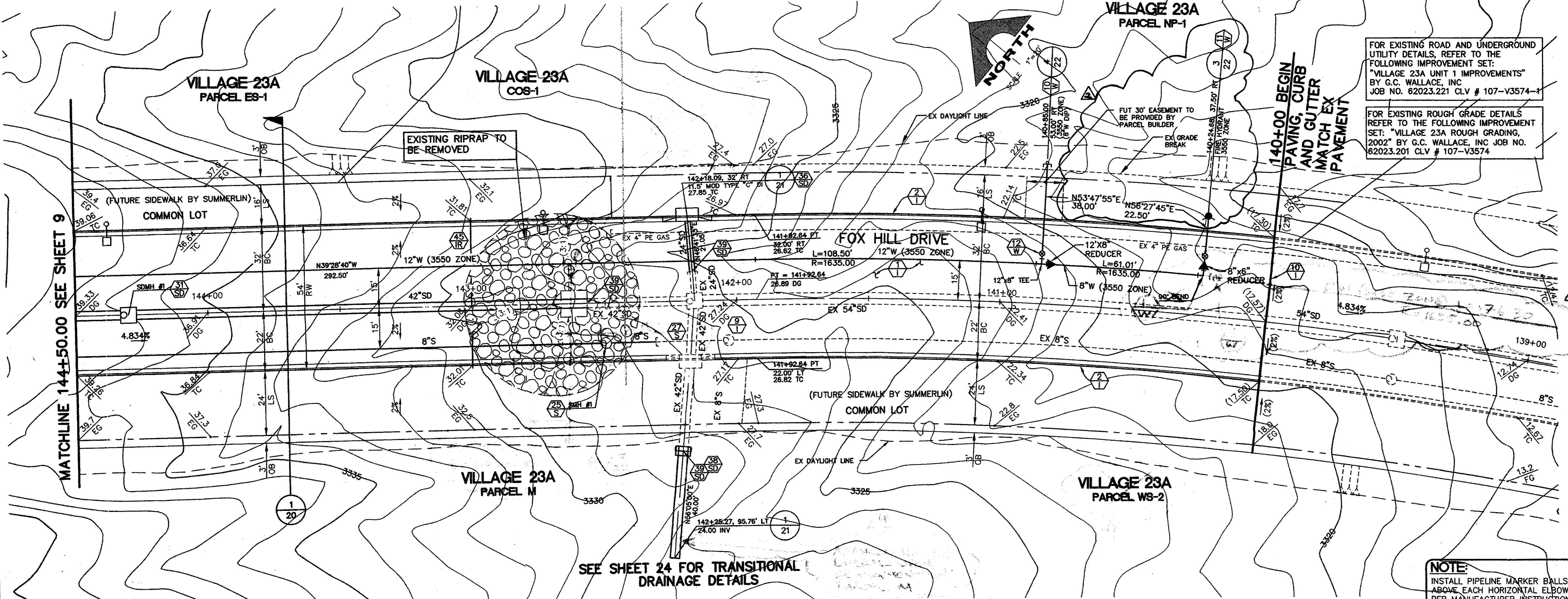


6-14-11
Rev. A only

REV	DATE	DESCRIPTION
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18	01-25-07	ISSUE FOR PERMIT
19	01-25-07	ISSUE FOR PERMIT
20	01-25-07	ISSUE FOR PERMIT

FOR EXISTING ROAD AND UNDERGROUND UTILITY DETAILS, REFER TO THE FOLLOWING IMPROVEMENT SET: "VILLAGE 23A UNIT 1 IMPROVEMENTS" BY G.C. WALLACE, INC JOB NO. 62023.221 CLV # 107-V3574-1

FOR EXISTING ROUGH GRADE DETAILS REFER TO THE FOLLOWING IMPROVEMENT SET: "VILLAGE 23A ROUGH GRADING, 2002" BY G.C. WALLACE, INC JOB NO. 62023.201 CLV # 107-V3574



SEE SHEET 24 FOR TRANSITIONAL DRAINAGE DETAILS

NOTE:
INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER MANUFACTURER INSTRUCTIONS.

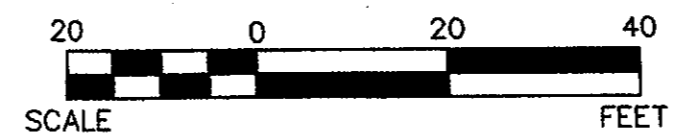
BENCHMARK

CLV BM NO.	DESC.	NAVD 88 DATUM (FEET)	NAVD 88 DATUM (METERS)
D368 3	U.S.C. & G.S. BRASS INSC SET IN ROCK ON THE EAST SIDE OF CHARLESTON BOULEVARD AND SOUTH OF THE RED ROCK DETENTION BASIN.	3246.71	989.599

BASIS OF BEARINGS
NORTH 89°45'05" EAST BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 35, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN BY MAP ON FILE IN FILE 91, PAGE 28 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA

FOX HILL DRIVE (PUBLIC)

SCALE: HORIZ. 1" = 20'
VERT. 1" = 5'
REFER TO SHEET 2 FOR CONSTRUCTION NOTES

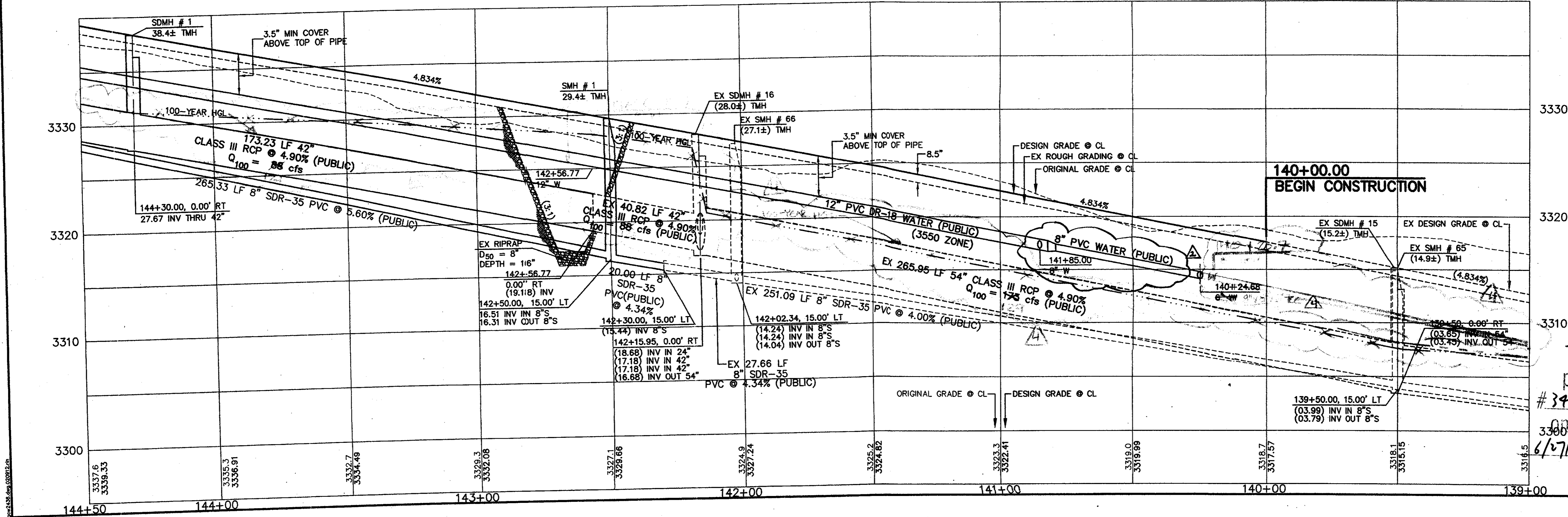


NOTE
THIS SET OF DRAWINGS IS BASED UPON NAVD 88 DATUM. PREVIOUS DRAWINGS MAY BE BASED ON OTHER DATUM. CARE SHOULD BE OBSERVED WHEN UTILIZING THIS SET OF DRAWINGS.

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UNDERGROUND SERVICE ALERT (USA)



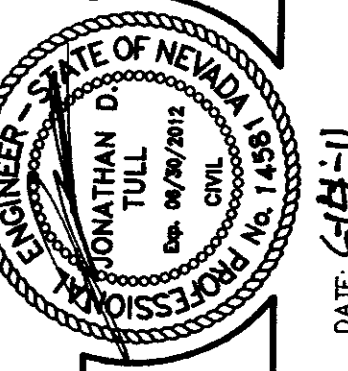
APPROVAL:
[Signature]
LAS VEGAS VALLEY WATER DISTRICT
(PROJECT #96435)
DATE: 2-10-11



This grading plan is a part of drainage study # 3902-2 which was received on 6/16/11 and App'd on 6/27/11. Page 6 of 12

G.C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 SOUTH RAINBOW BLVD., LAS VEGAS, NEVADA 89146
TELEPHONE: (702) 804-2000 • FAX: (702) 804-2299
E:\V23\Unit 2\Comp\MPFS\23A230208.dwg

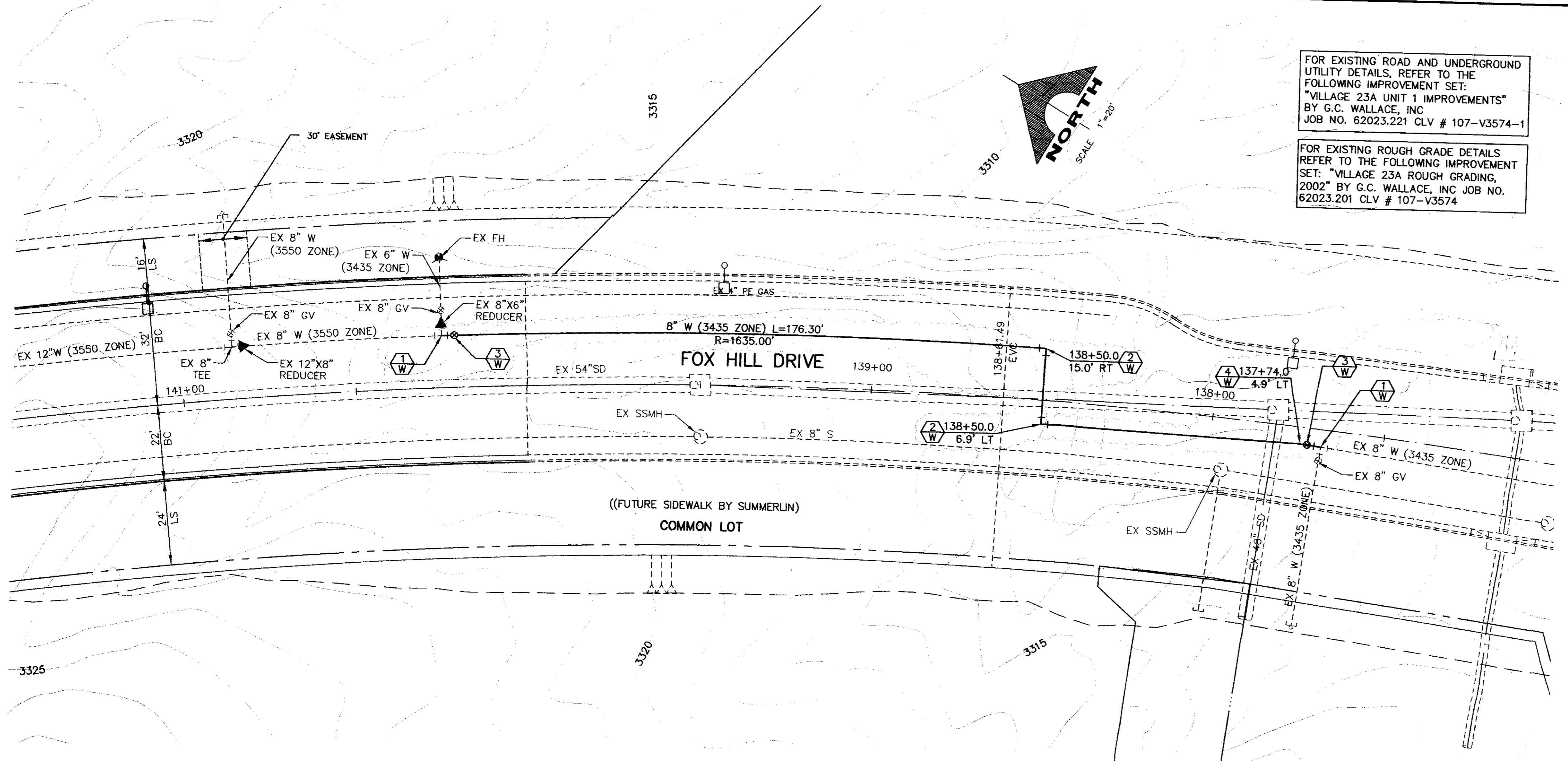
SUMMERLIN
VILLAGE 23A UNIT 2 IMPROVEMENTS
FOX HILL DRIVE PLAN AND PROFILE
FROM START 140+00 TO 144+50



DATE: 6/14/11

FOR EXISTING ROAD AND UNDERGROUND UTILITY DETAILS, REFER TO THE FOLLOWING IMPROVEMENT SET: "VILLAGE 23A UNIT 1 IMPROVEMENTS" BY G.C. WALLACE, INC JOB NO. 62023.221 CLV # 107-V3574-1

FOR EXISTING ROUGH GRADE DETAILS REFER TO THE FOLLOWING IMPROVEMENT SET: "VILLAGE 23A ROUGH GRADING, 2002" BY G.C. WALLACE, INC JOB NO. 62023.201 CLV # 107-V3574



- WATER CONSTRUCTION NOTES**
- 1 W REMOVE 90° BEND AND INSTALL 8" TEE 31 UDACS
 - 2 W INSTALL 90° BEND 31 UDACS
 - 3 W INSTALL 8" GATE VALVE & BOX 30 UDACS 39 UDACS
 - 4 W INSTALL 5" BEND

NOTE:
INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER MANUFACTURER INSTRUCTIONS.

APPROVAL:
LAS VEGAS VALLEY WATER DISTRICT (PROJECT #96435) DATE _____

BENCHMARK

CLV BM NO.	DESC.	NAVD 88 DATUM (FEET)	NAVD 88 DATUM (METERS)
0368 J	U.S.C. & G.S. BRASS DISC SET IN ROCK ON THE EAST SIDE OF CHARLESTON BOULEVARD AND SOUTH OF THE RED ROCK DETENTION BASIN.	3246.71	989.599

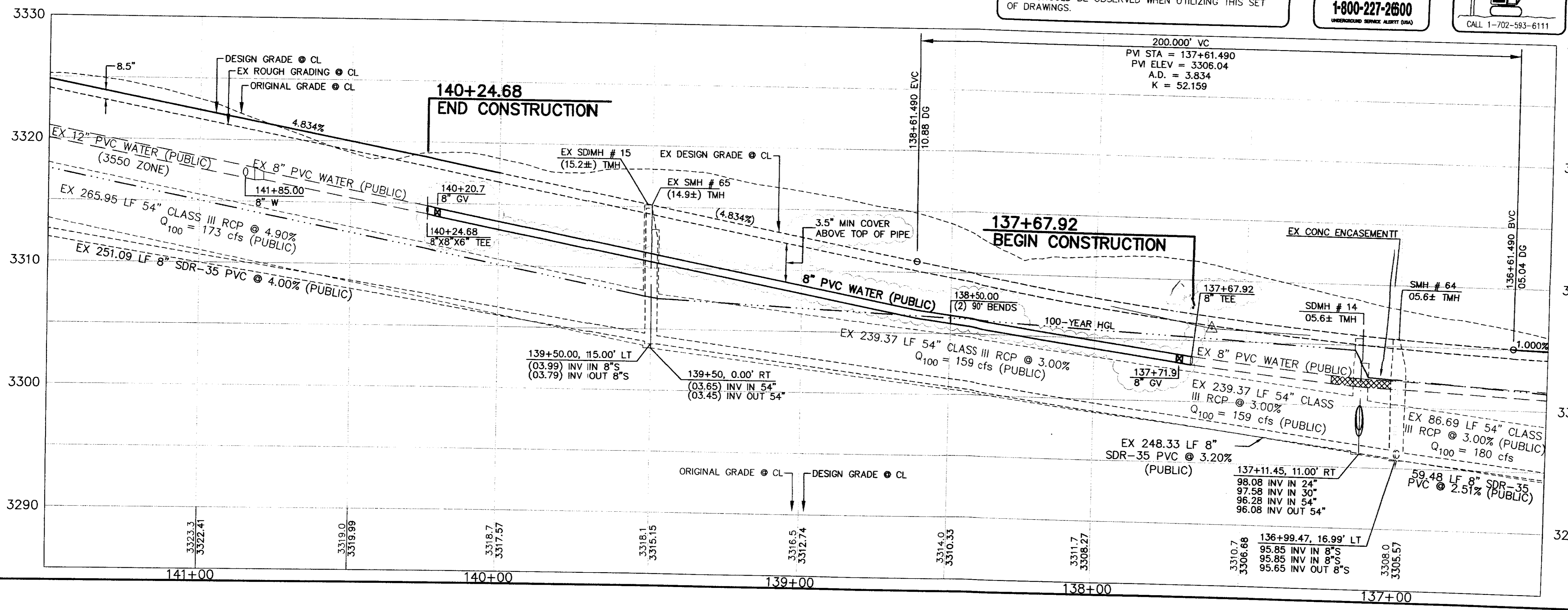
BASIS OF BEARINGS
NORTH 89°45'05" EAST BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 35, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN BY MAP ON FILE IN FILE 91, PAGE 28 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

FOX HILL DRIVE (PUBLIC)

SCALE: HORIZ. 1" = 20'
VERT. 1" = 5'
REFER TO SHEET 2 FOR CONSTRUCTION NOTES

NOTE
THIS SET OF DRAWINGS IS BASED UPON NAVD. 88 DATUM. PREVIOUS DRAWINGS MAY BE BASED ON OTHER DATUM. CARE SHOULD BE OBSERVED WHEN UTILIZING THIS SET OF DRAWINGS.

Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

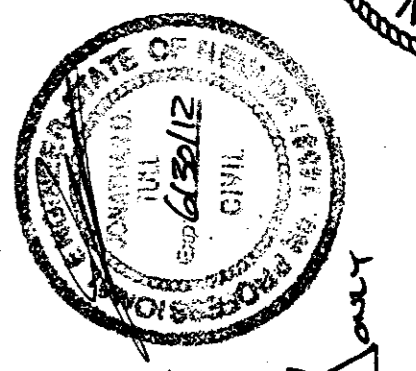
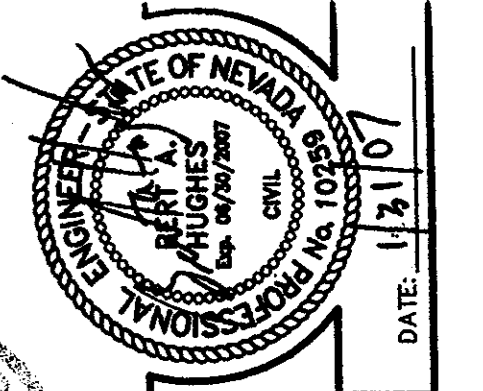


WATER MAIN JOINT DEFLECTION (PVC 4'-24')
PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM ALLOWABLE RADIUS OF CURVATURE OF 1,150 FEET, PER UDACS 2.07.01 AND 2.07.02.
FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED.

WATER MAIN ABANDONMENT NOTE
WHEN THIS CONFIGURATION IS NO LONGER REQUIRED, TWO GATE VALVES (STA: 137+71.9, 4.8' LT AND STA: 140+20.7, 15.0' RT) ARE TO BE SHUT AND VALVE BOXES FILLED WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST 2,000 PSI.

This grading plan is a part of drainage study #3402-2 which was received on 6/16/11 and App'd on 6/27/11 Page 7 of 12

SUMMERLIN
VILLAGE 23A UNIT 2 IMPROVEMENTS
TEMPORARY 8" WATER LINE PLAN AND PROFILE
137+68.92 TO 140+24.68



6-14-11
Rev. A
Date: 1/31/01

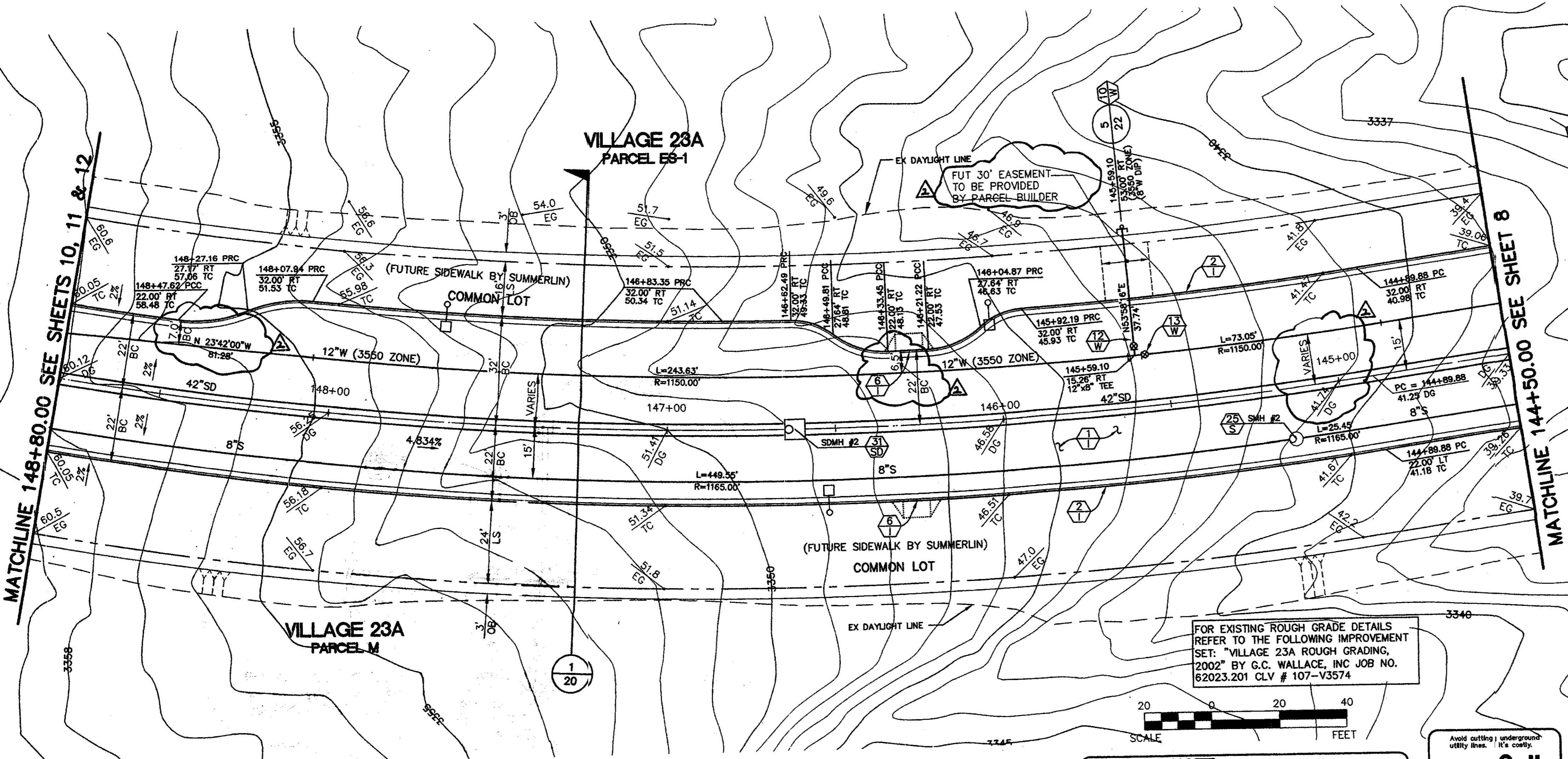
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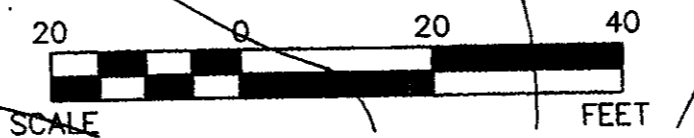
G.C. WALLACE, INC.
 Engineers/Planners/Surveyors
 1555 SOUTH RAINBOW BLVD., LAS VEGAS, NEVADA 89146
 TELEPHONE: (702) 804-2000 FAX: (702) 804-2299
 E-MAIL: GHW@GFWALLACE.COM

SUMMERLIN
 VILLAGE 23A UNIT 2 IMPROVEMENTS
 FOX HILL DRIVE PLAN AND PROFILE
 STA 144+50 TO 148+80

SHEET 9 OF 32 SHEETS
 CLV DRAWING NO. 107V3574-2
 PERIST



FOR EXISTING ROUGH GRADE DETAILS REFER TO THE FOLLOWING IMPROVEMENT SET: "VILLAGE 23A ROUGH GRADING, 2002" BY G.C. WALLACE, INC JOB NO. 62023.201 CLV # 107-V3574



NOTE
 THIS SET OF DRAWINGS IS BASED UPON NAVD 88 DATUM. PREVIOUS DRAWINGS MAY BE BASED ON OTHER DATUM. CARE SHOULD BE OBSERVED WHEN UTILIZING THIS SET OF DRAWINGS.

Call before you Dig.
 1-800-227-2600
 UNDERGROUND SERVICE ALERT (USA)



NOTE:
 INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER MANUFACTURER INSTRUCTIONS.

APPROVAL:
 [Signature]
 LAS VEGAS VALLEY WATER DISTRICT
 (PROJECT #96435)
 DATE: 2-01-07

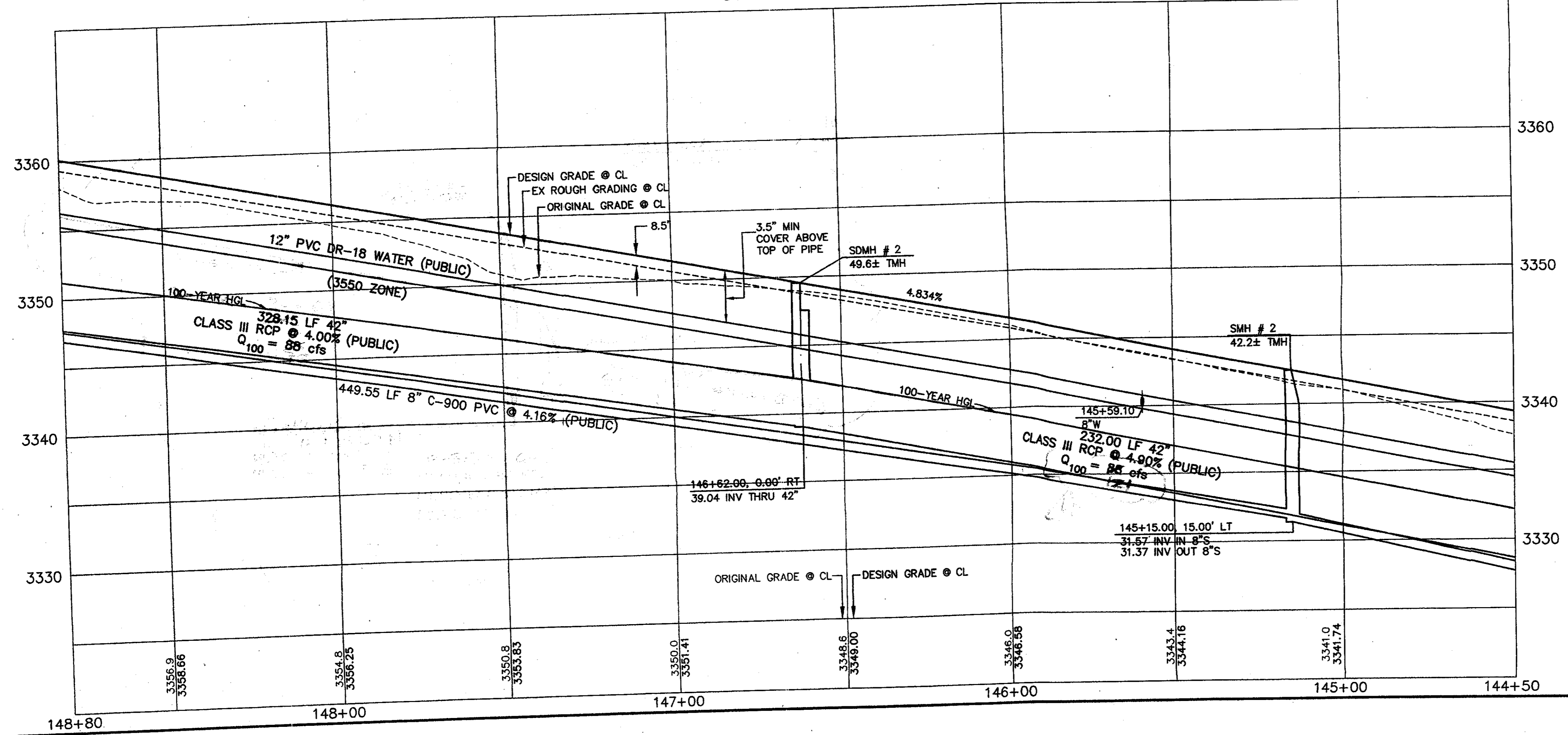
BENCHMARK

CLV BM NO.	DESC.	NAVD 88 DATUM (FEET)	NAVD 88 DATUM (METERS)
D368 3	U.S.C. & G.S. BRASS DISC SET IN ROCK ON THE EAST SIDE OF CHARLESTON BOULEVARD AND SOUTH OF THE RED ROCK DETENTION BASIN.	3246.71	989.599

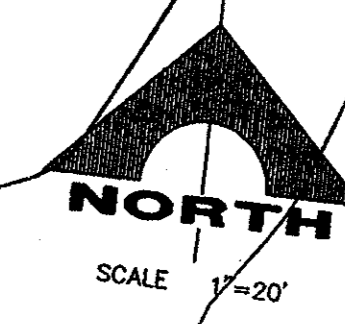
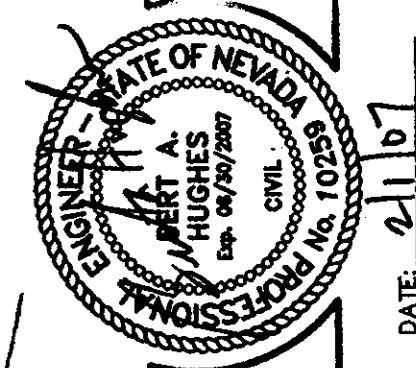
BASIS OF BEARINGS
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FOX HILL DRIVE (PUBLIC)

SCALE: HORIZ. 1" = 20'
 VERT. 1" = 5'
 REFER TO SHEET 2 FOR CONSTRUCTION NOTES



This grading plan is a part of drainage study # 3402-2 which was received on 6/15/11 and App'd on 6/27/11. Page 8 of 12



3550 PZ
 THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL ON-SITE (PRIVATE), PRESSURE-REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRIVATE PRVs ARE THE DEVELOPER'S RESPONSIBILITY, AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVWD FACILITIES.

SEE SHEET 25 FOR TRANSITIONAL DRAINAGE DETAILS AND CONTINUATION OF STORM DRAIN

158+81.64
 END OF PAVEMENT

SEE ROUNDABOUT DETAIL SHEETS 10, 11 & 12

MATCHLINE 153+50.00 SEE SHEET 10

PASEO BREEZE DRIVE

FOR EXISTING ROUGH GRADE DETAILS REFER TO THE FOLLOWING IMPROVEMENT SET: "VILLAGE 23A ROUGH GRADING, 2002" BY G.C. WALLACE, INC. JOB NO. 62023.201 CLV # 107-V3574

INSTALL WATERLINE IN STEEL CASING PER UDACS PLATES NO. 16. DUCTILE IRON PIPE WITH RESTRAINED JOINTS IS REQUIRED INSIDE CASING. ESN.035

ANNULAR SPACE BETWEEN PIPE AND CASING SHALL BE FILLED WITH CLASS I CLSM ESN.038A

REDUCED PRESSURE PRINCIPLE ASSEMBLY, (2)-1/2"
 APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVWD. ANY BLOCK/WALL OR OTHER/FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE ADJACENT RIGHT-OF-WAY. EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

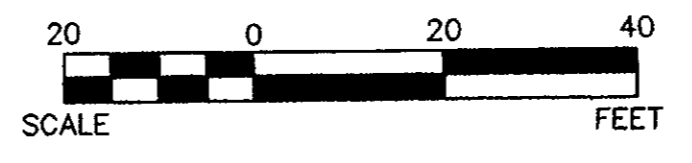
NOTE:
 INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER MANUFACTURER INSTRUCTIONS.

BENCHMARK			
CLV BM NO.	DESC.	NAVD 88 DATUM (FEET)	NAVD 88 DATUM (METERS)
0368	U.S.C. & G.S. BRASS DISC SET IN ROCK ON THE EAST SIDE OF CHARLESTON BOULEVARD AND SOUTH OF THE RED ROCK DETENTION BASIN.	3246.71	989.999

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PASEO BREEZE DRIVE (PUBLIC)

SCALE: HORIZ. 1" = 20'
 VERT. 1" = 5'
 REFER TO SHEET 2 FOR CONSTRUCTION NOTES

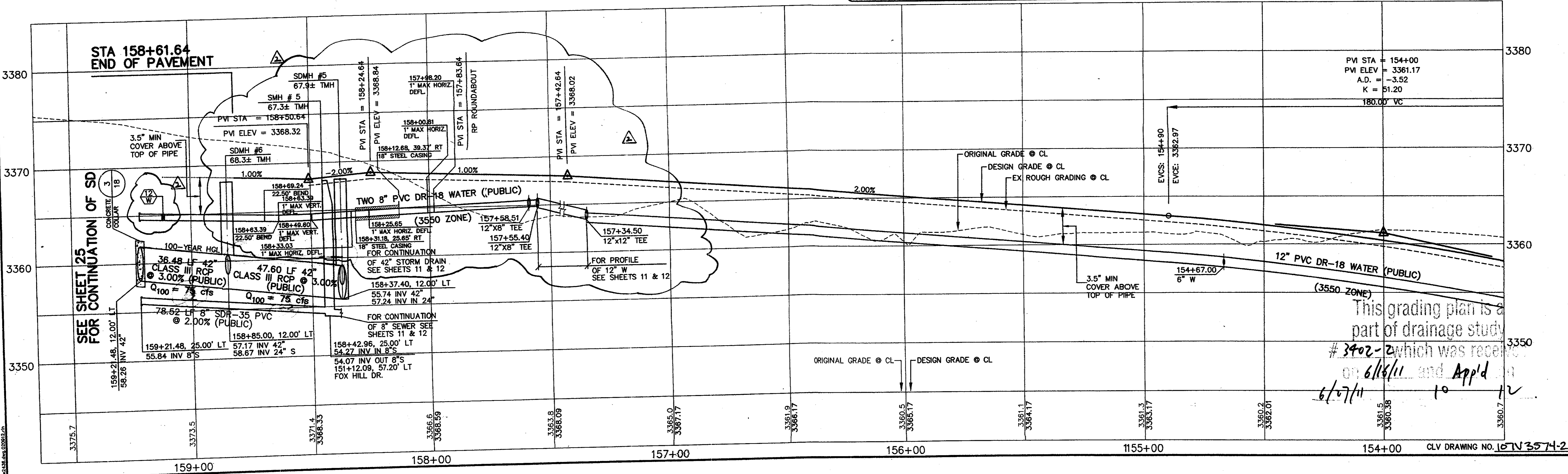


NOTE
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Call before you Dig.
 1-800-227-2600
 UNDERGROUND SERVICE ALERT (USA)



APPROVAL:
 [Signature]
 LAS VEGAS VALLEY WATER DISTRICT
 (PROJECT #96435) DATE 2-28-07



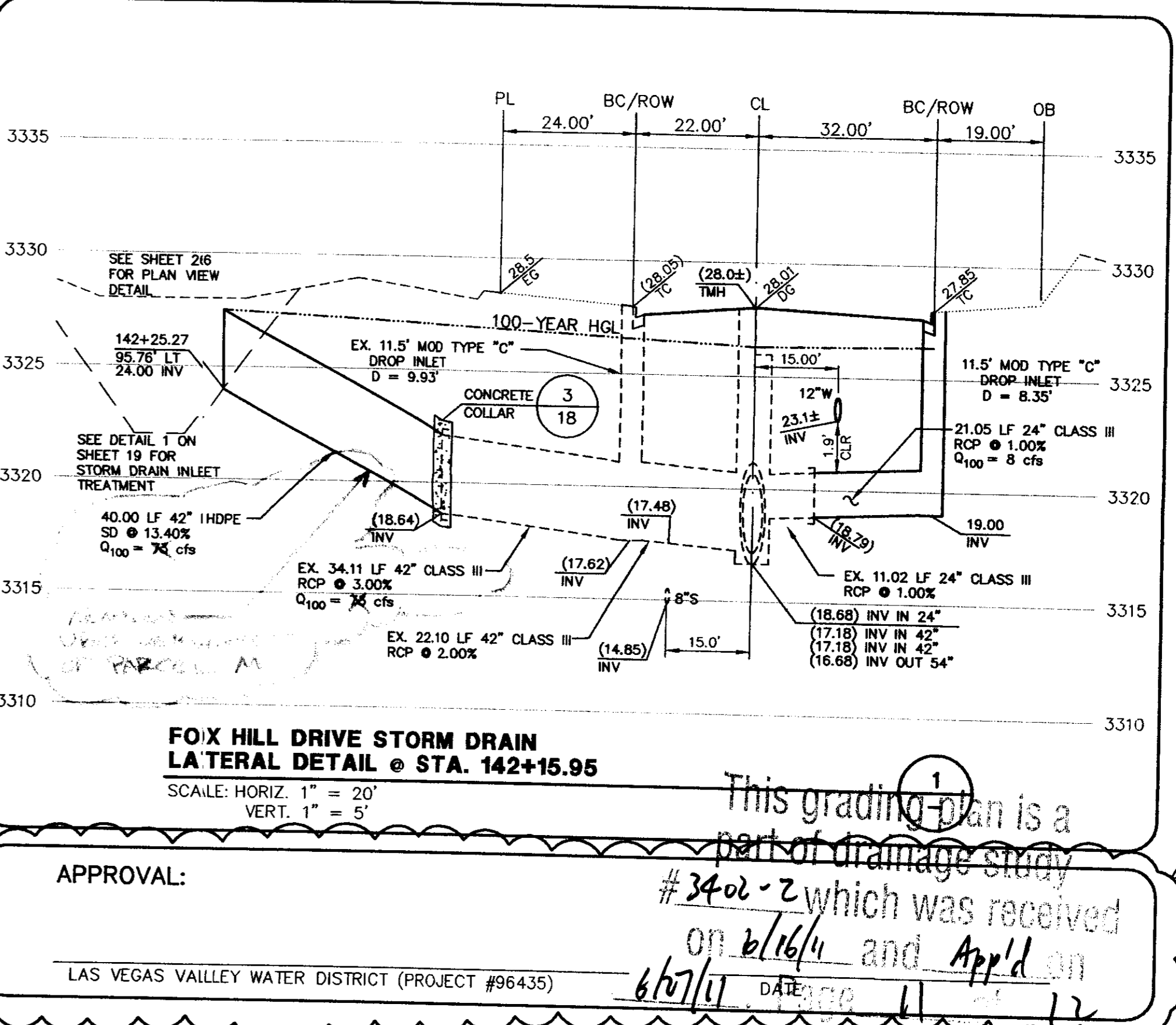
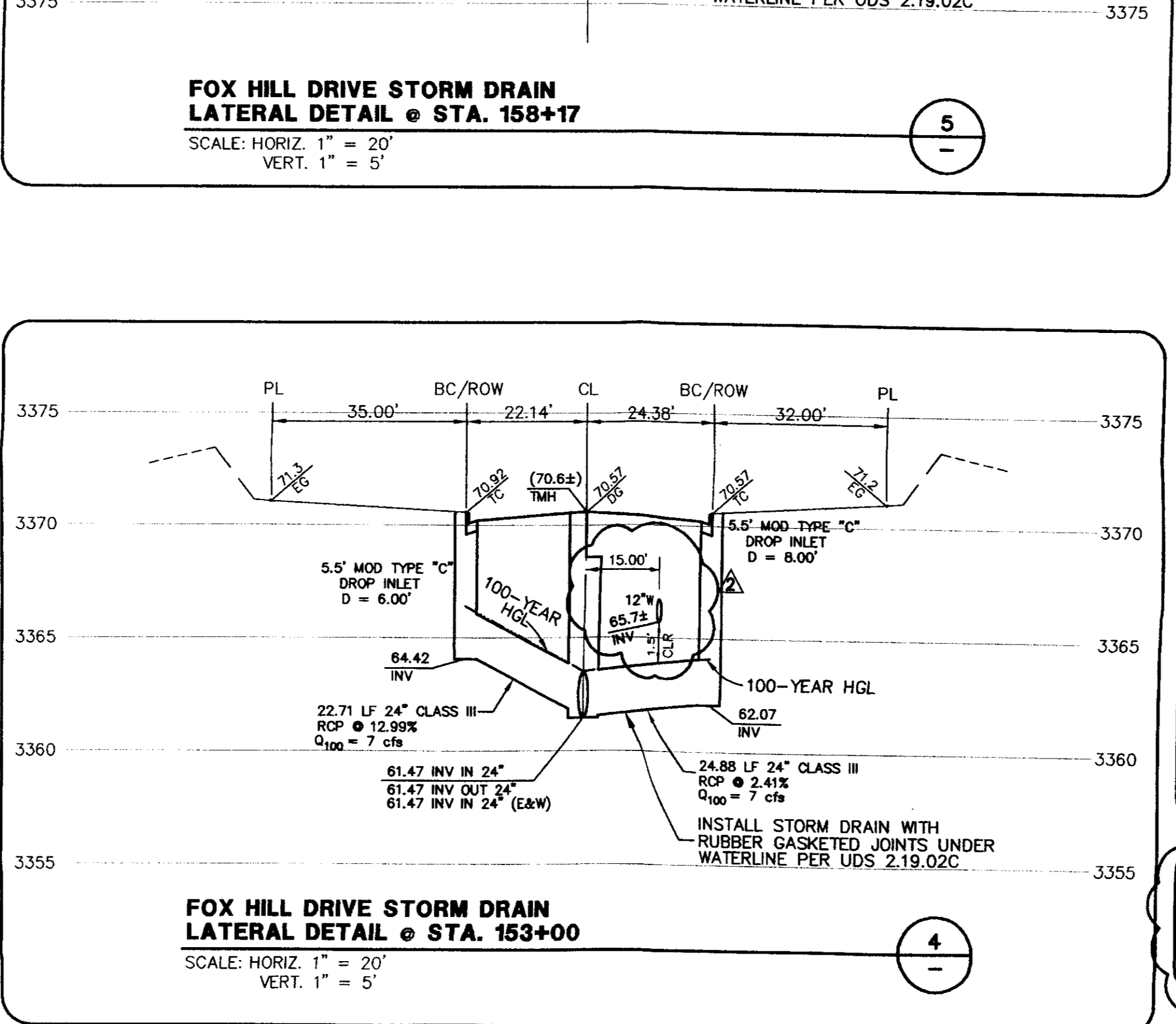
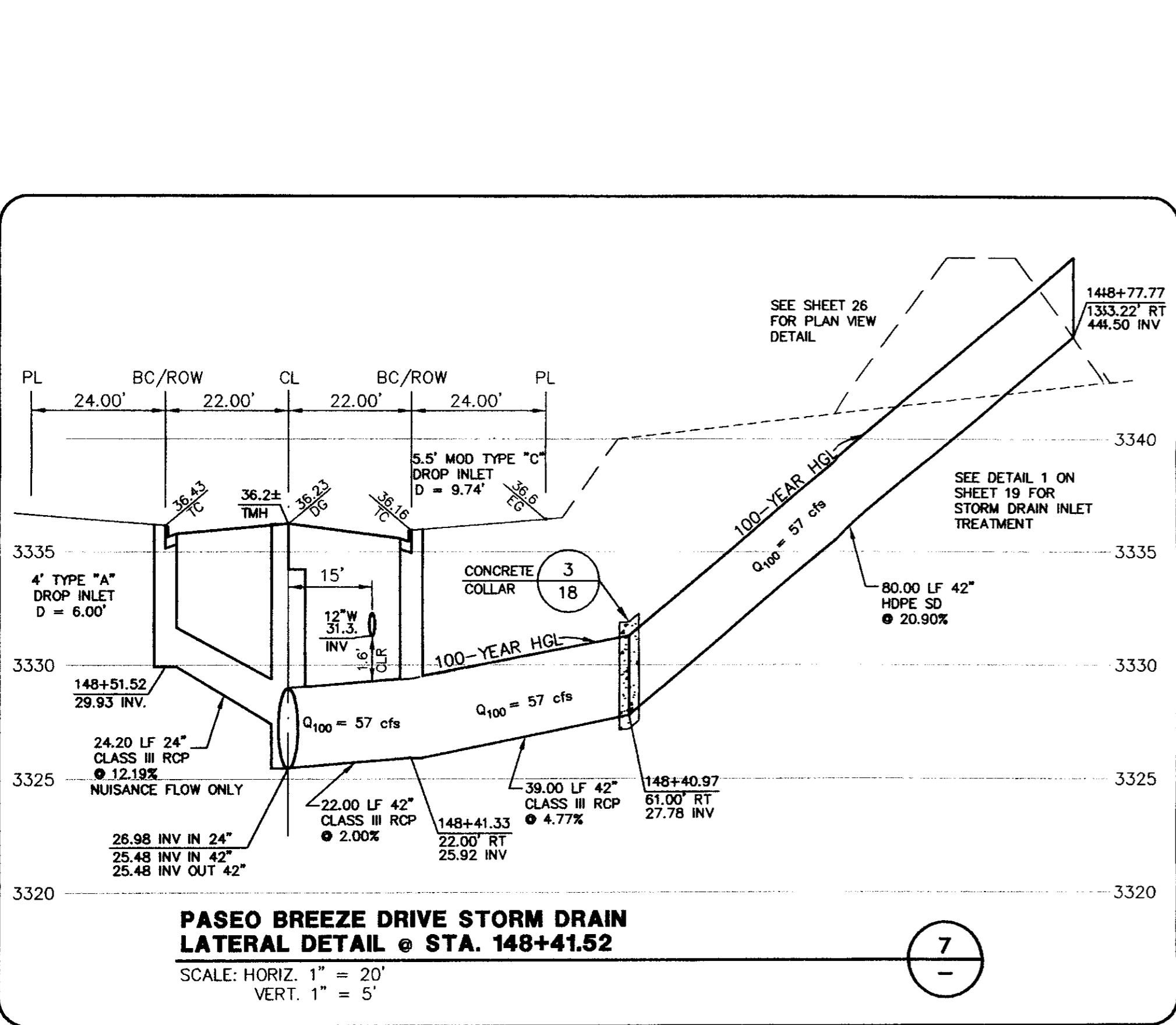
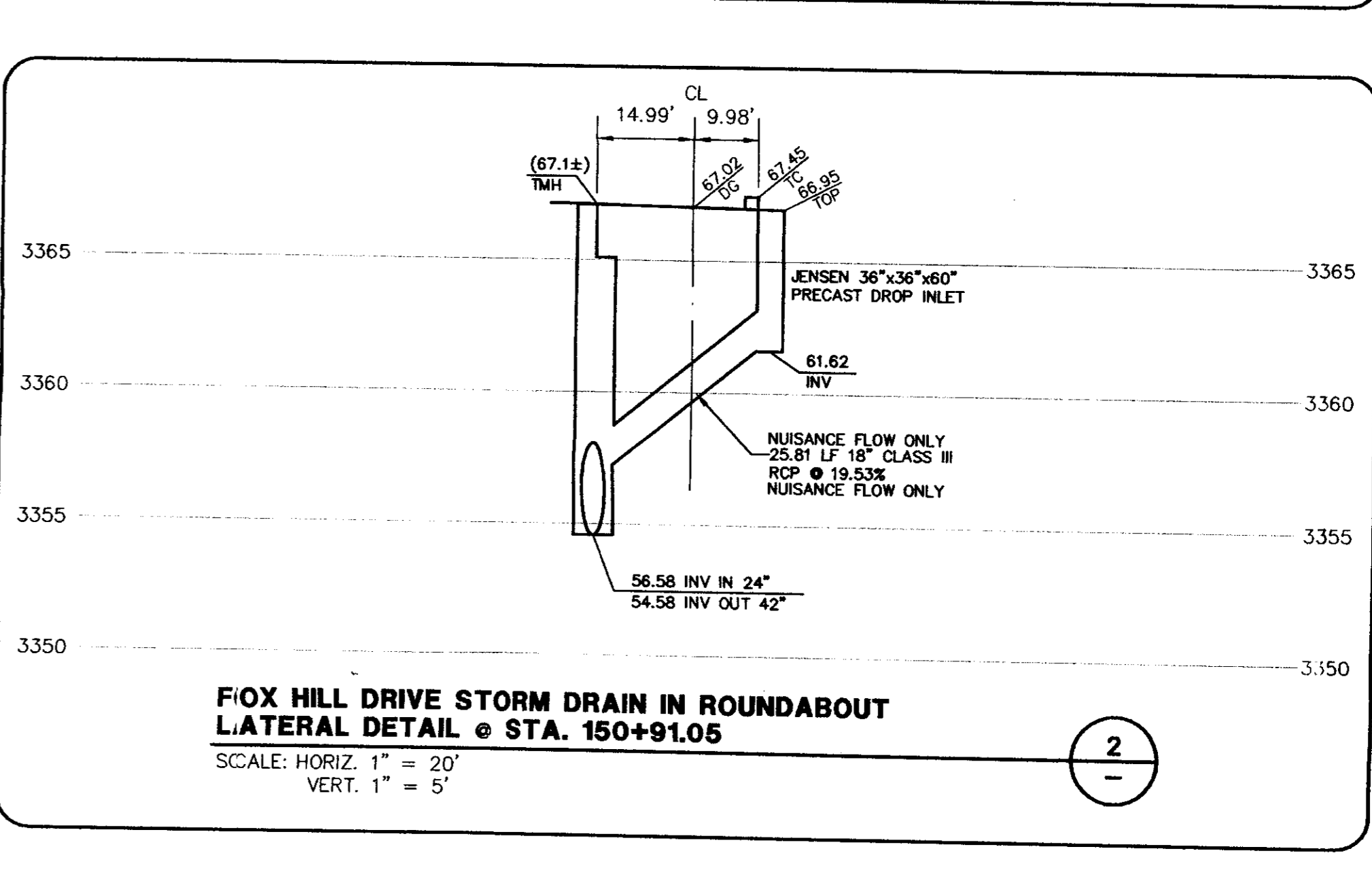
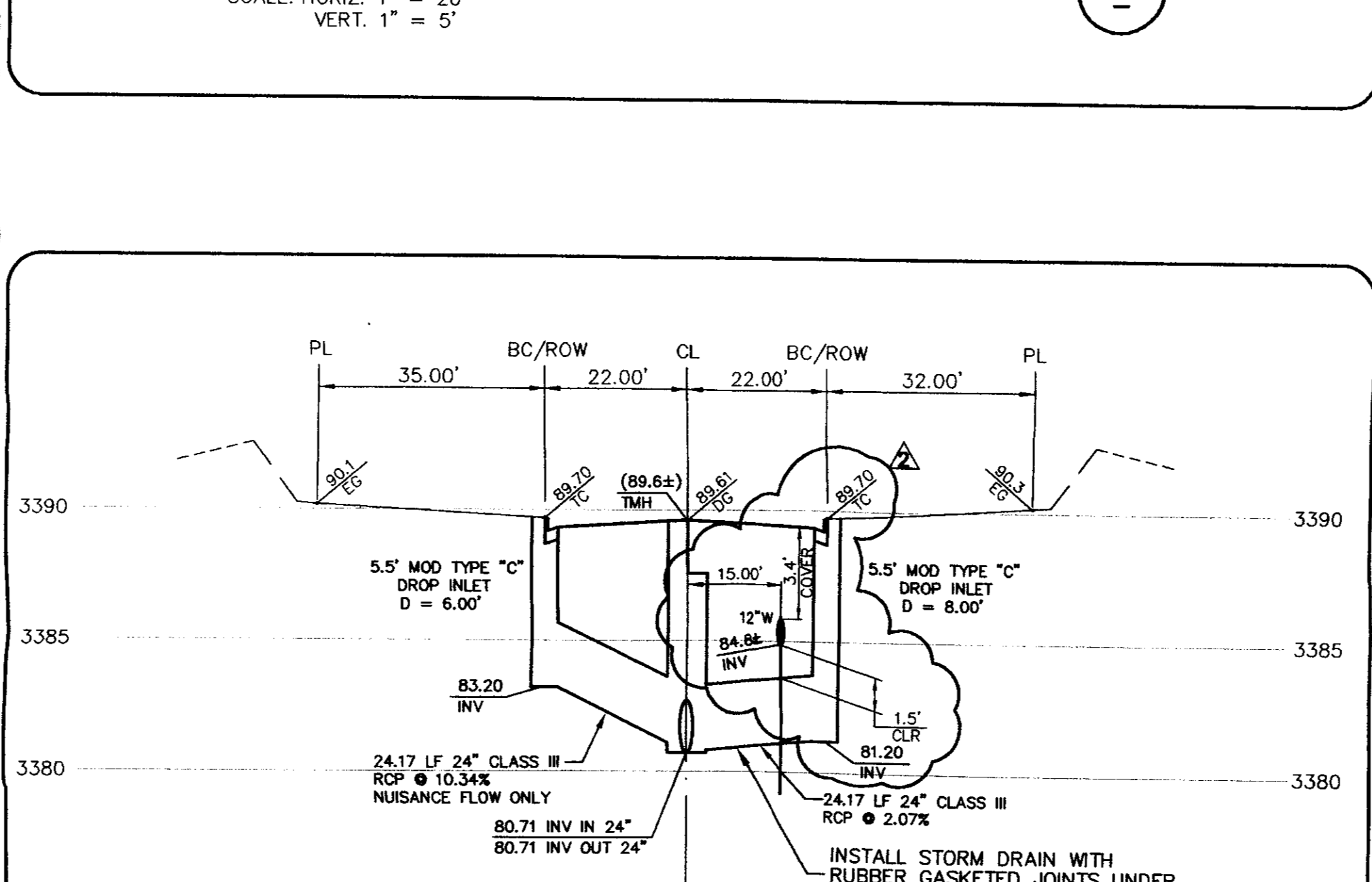
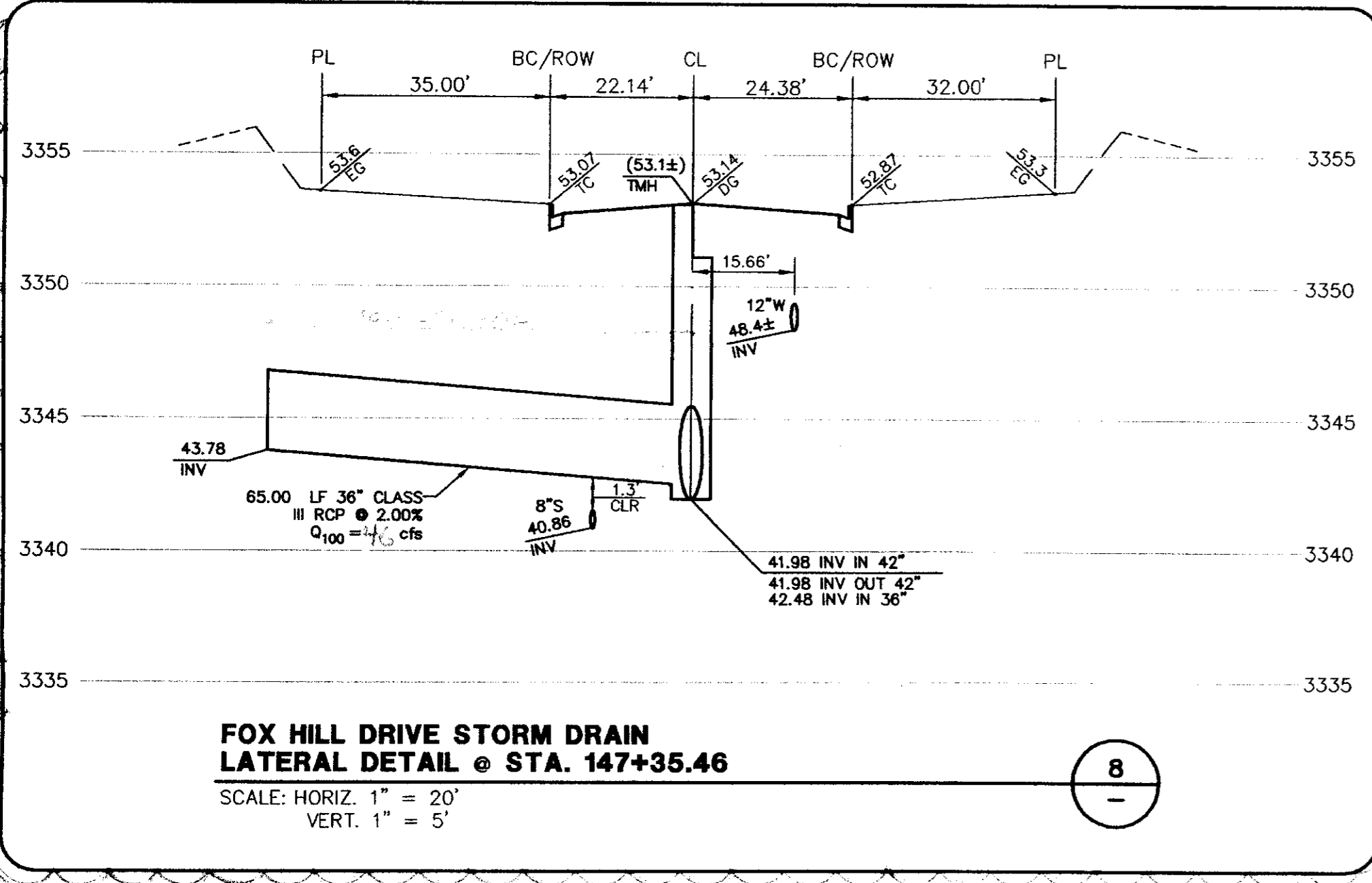
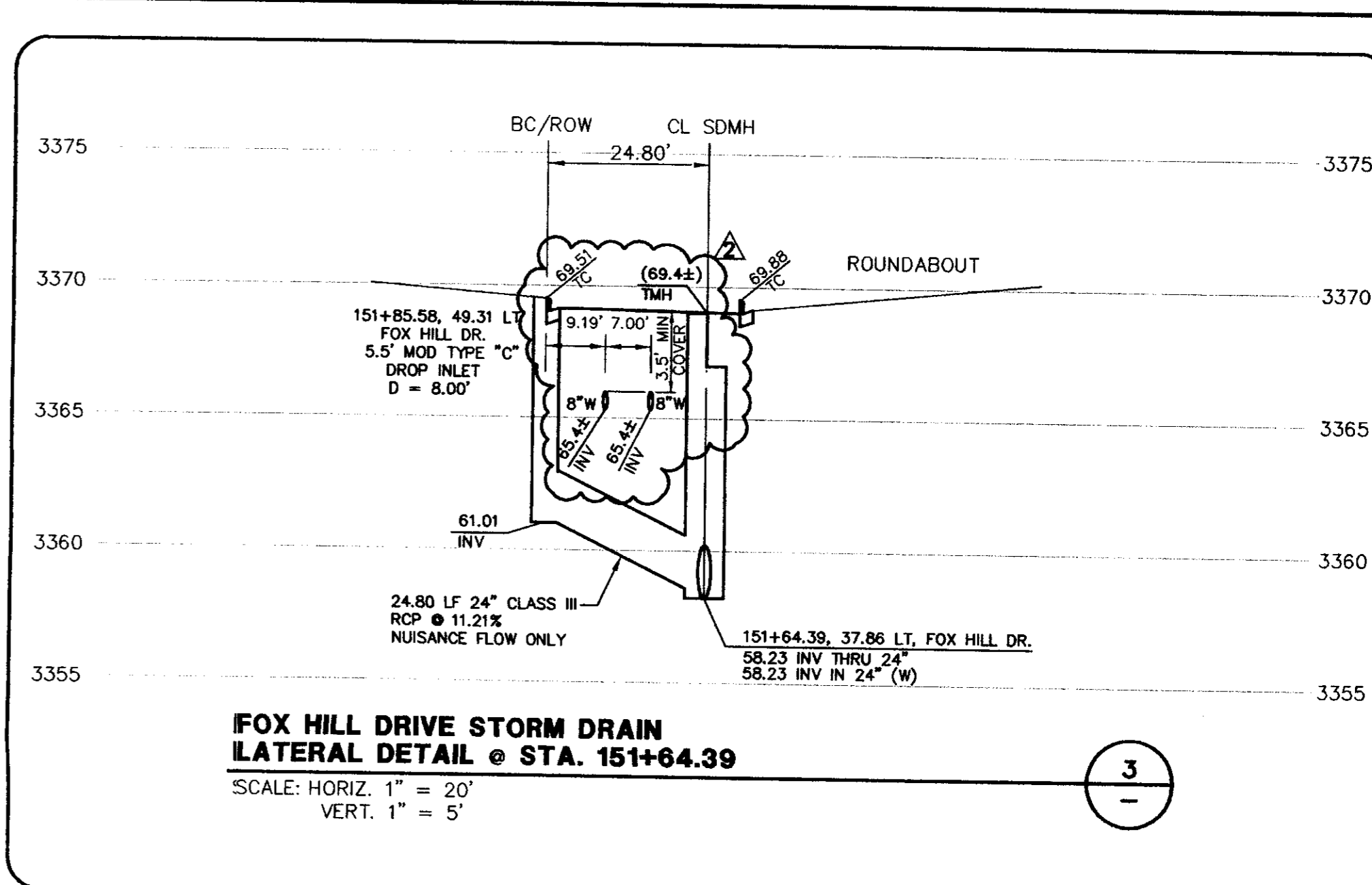
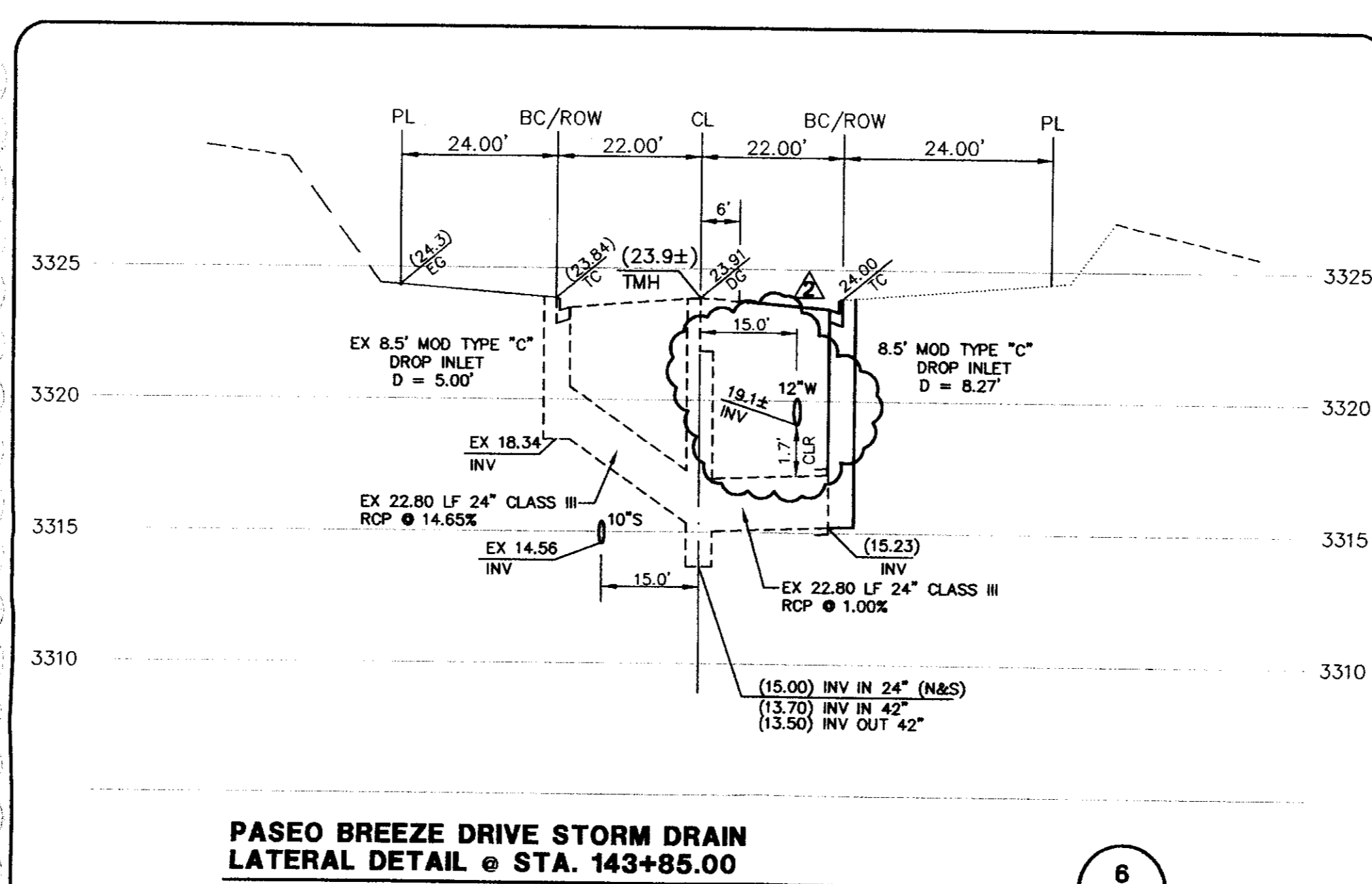
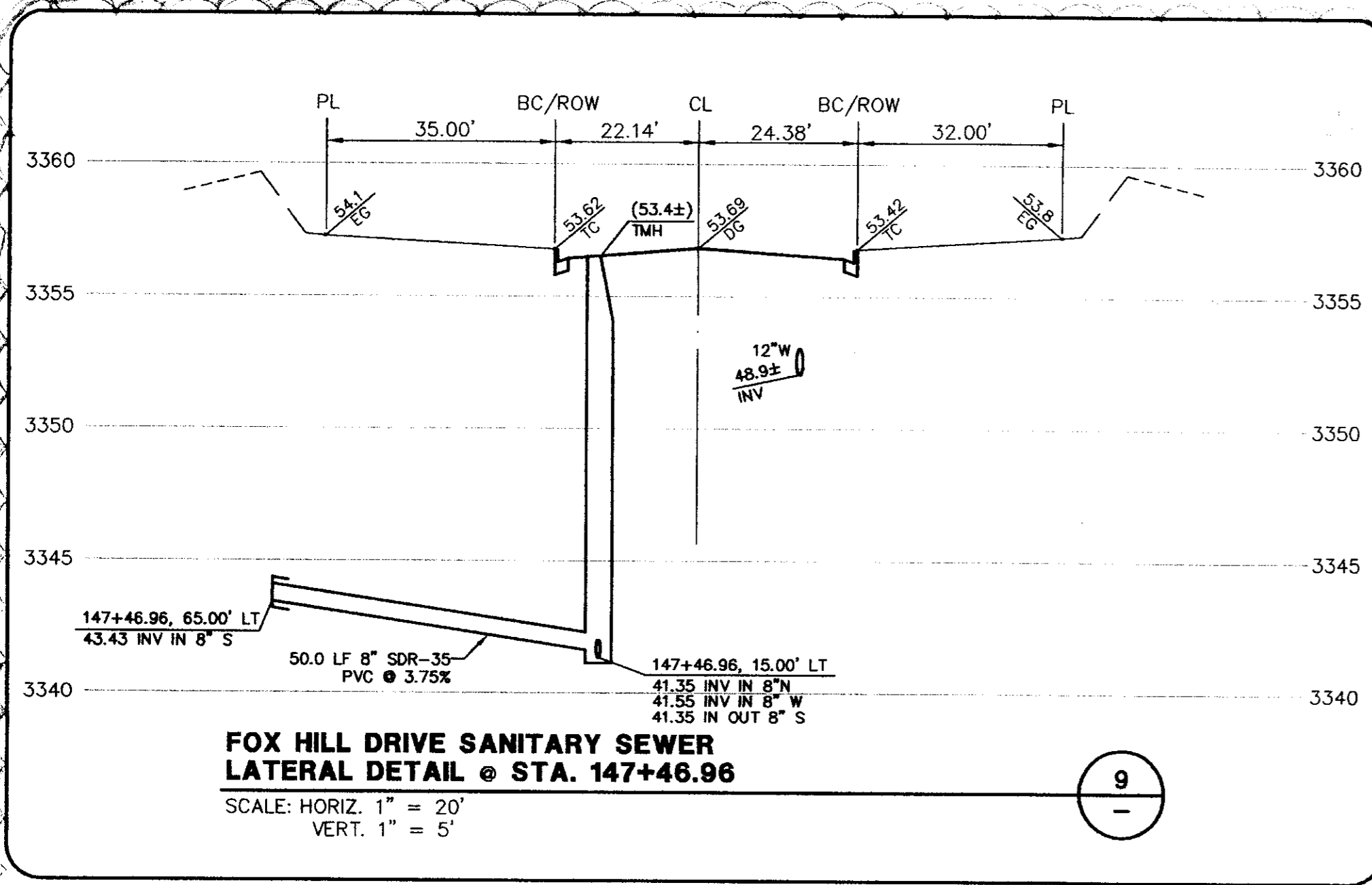
STATE OF NEVADA PROFESSIONAL ENGINEER G.C. WALLACE, INC. No. 10752

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 CHECK: BHT
 ISSUE DATE: 6/15/11
 PLOT DATE: 02-01-07
 PLOT TIME: 11:20:48

G.C. WALLACE, INC.
 Engineers/Planners/Surveyors
 1120 W. CHARLESTON BLVD., LAS VEGAS, NEVADA, 89146
 TELEPHONE: (702) 804-2000 • FAX: (702) 804-2299

SUMMERLIN
 VILLAGE 23A UNIT 2 IMPROVEMENTS
 PASEO BREEZE DRIVE PLAN AND PROFILE
 STA 153+50 TO END

SHEET 17 OF 32 SHEETS
 JOB NO. 62023.222



APPROVAL: _____
LAS VEGAS VALLEY WATER DISTRICT (PROJECT #96435)

This grading plan is a part of drainage study #3402-2 which was received on 6/16/14 and Appl'd on 6/17/14. DATE: 6/11/14

DATE: 6-14-11

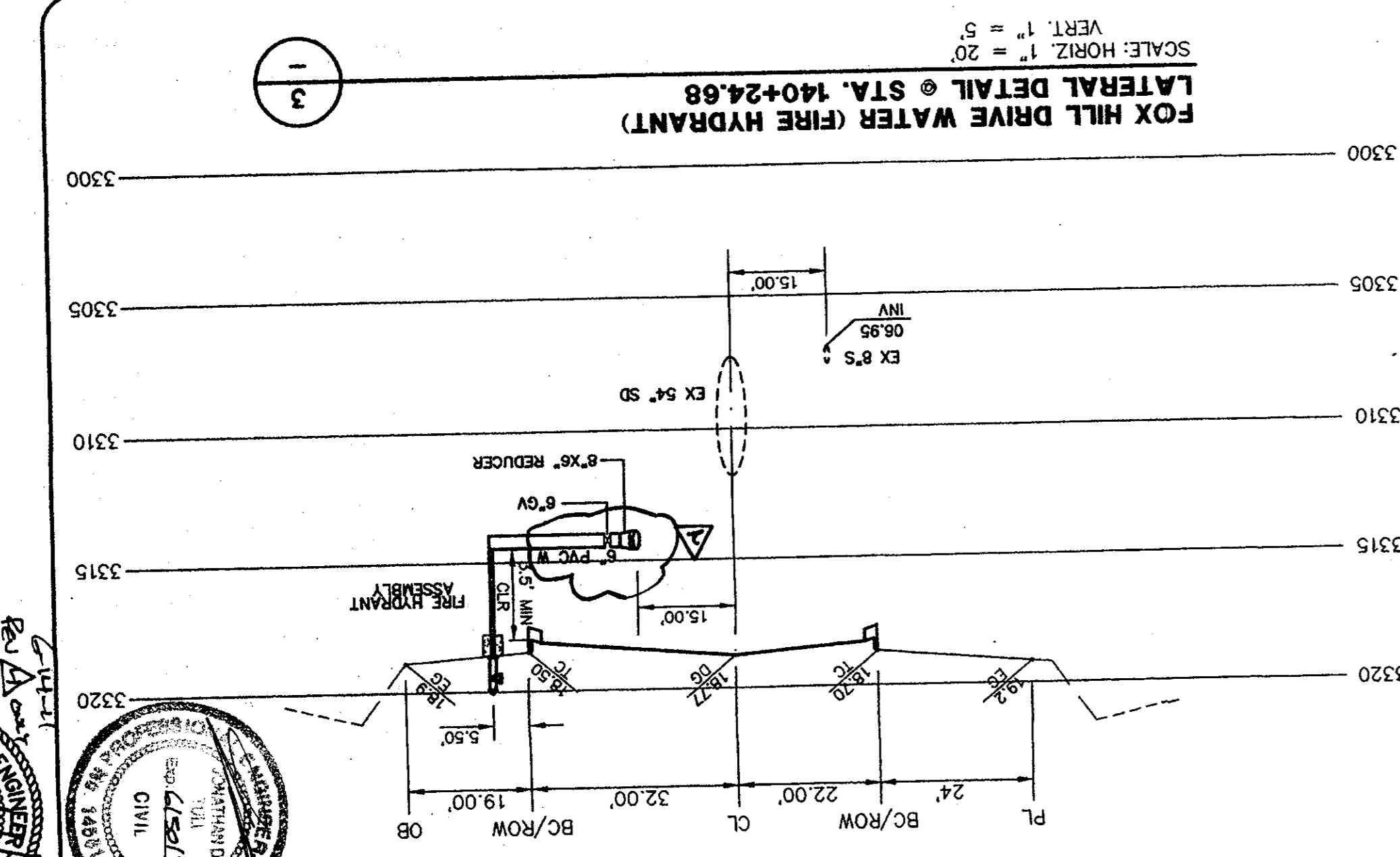
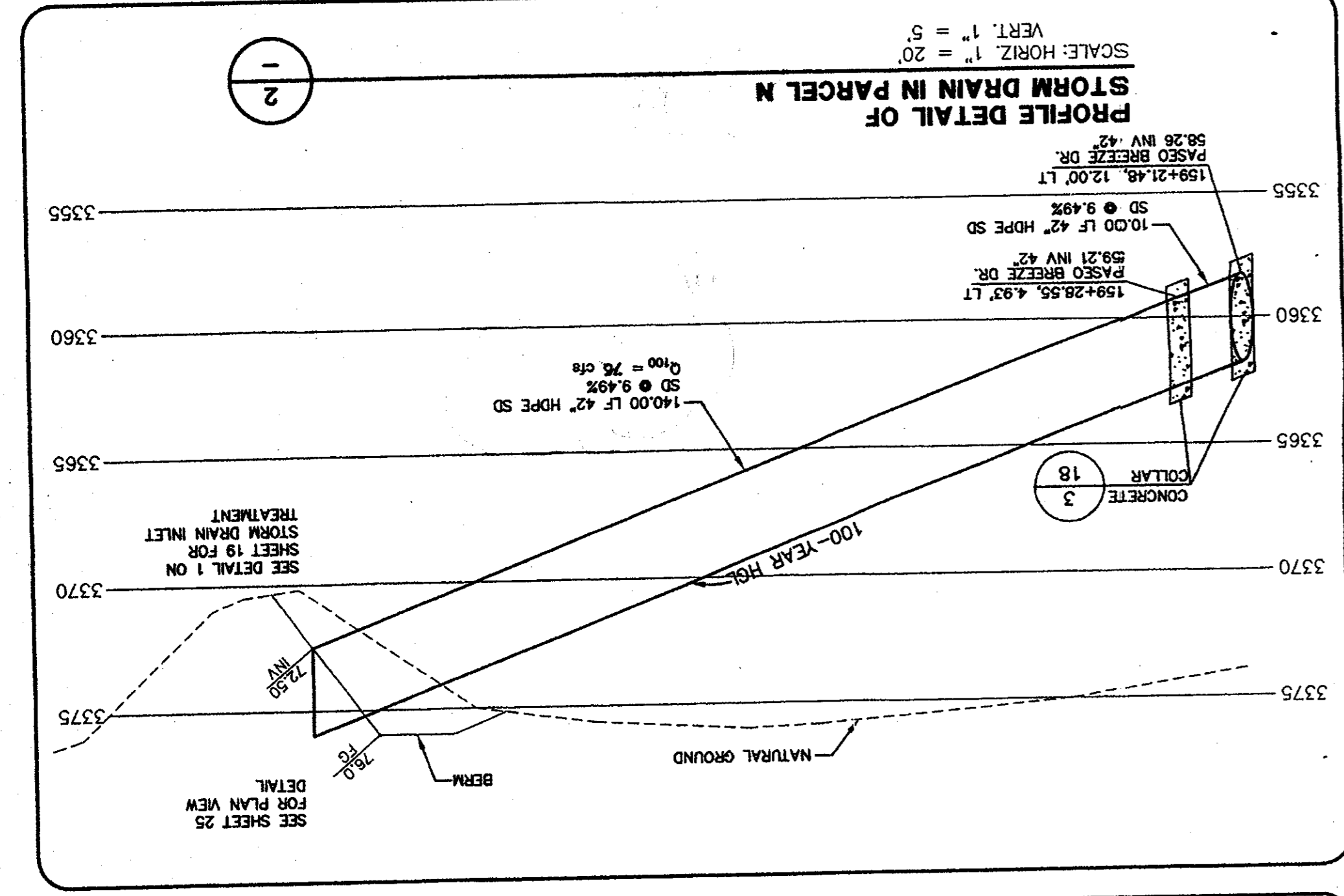
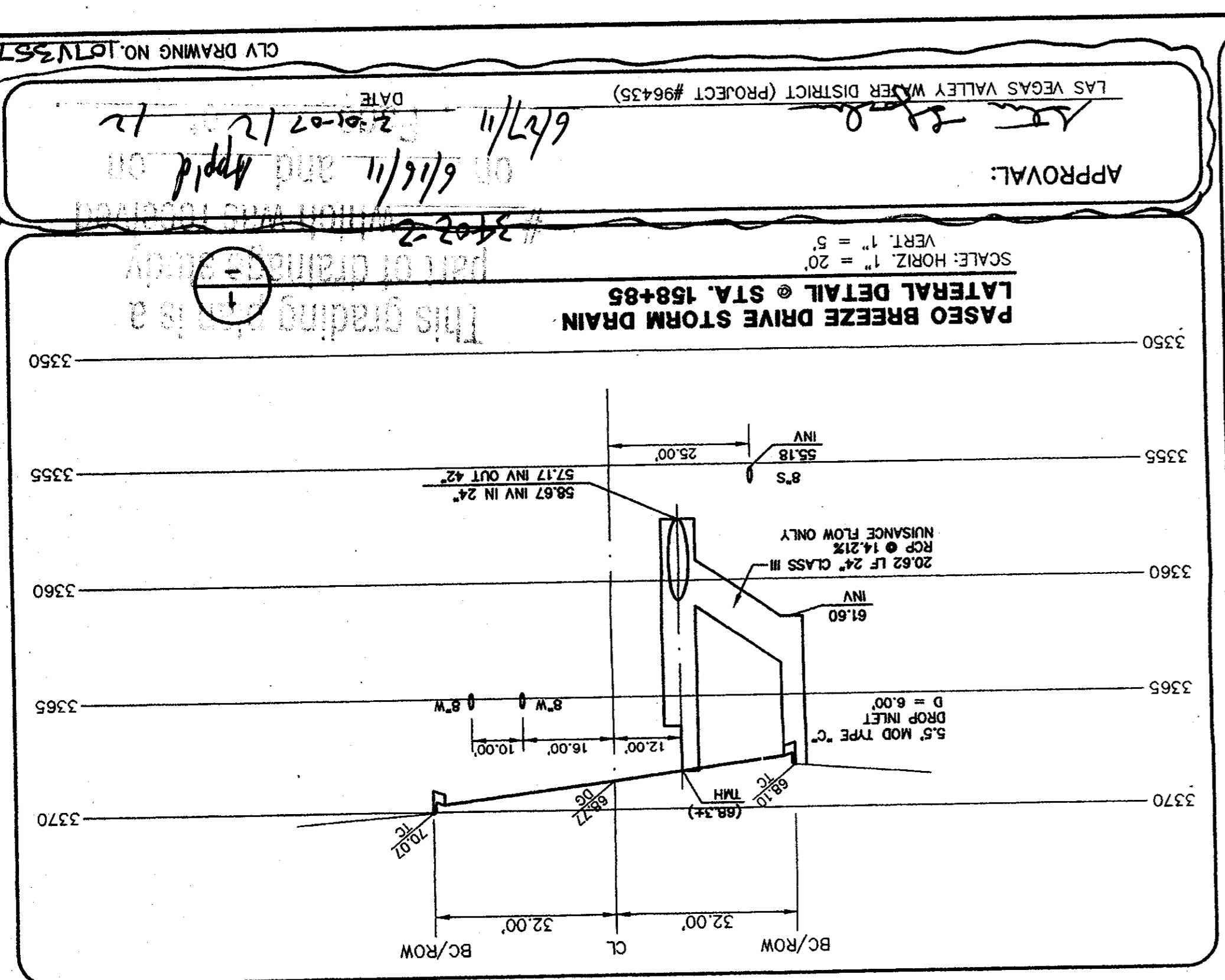
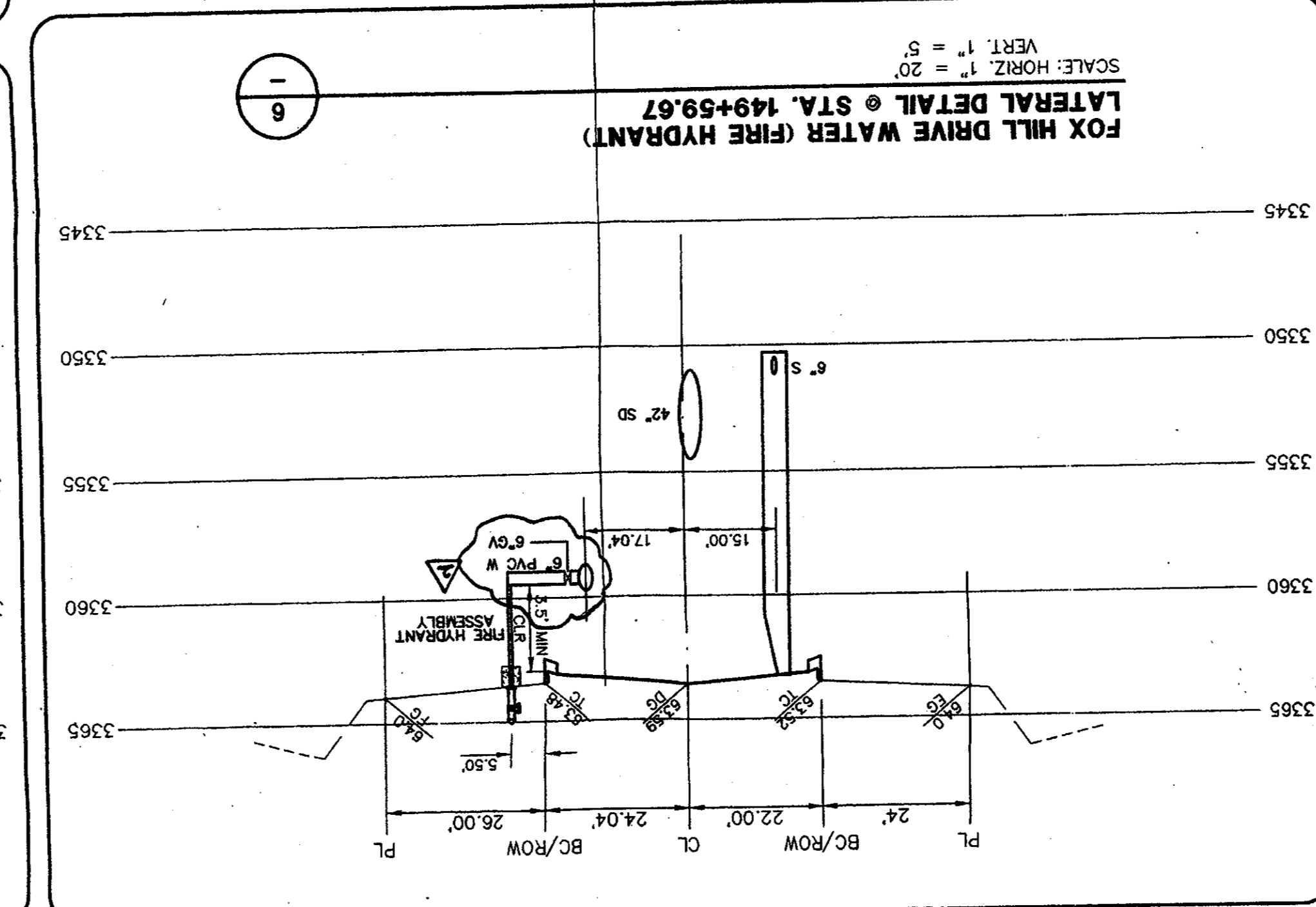
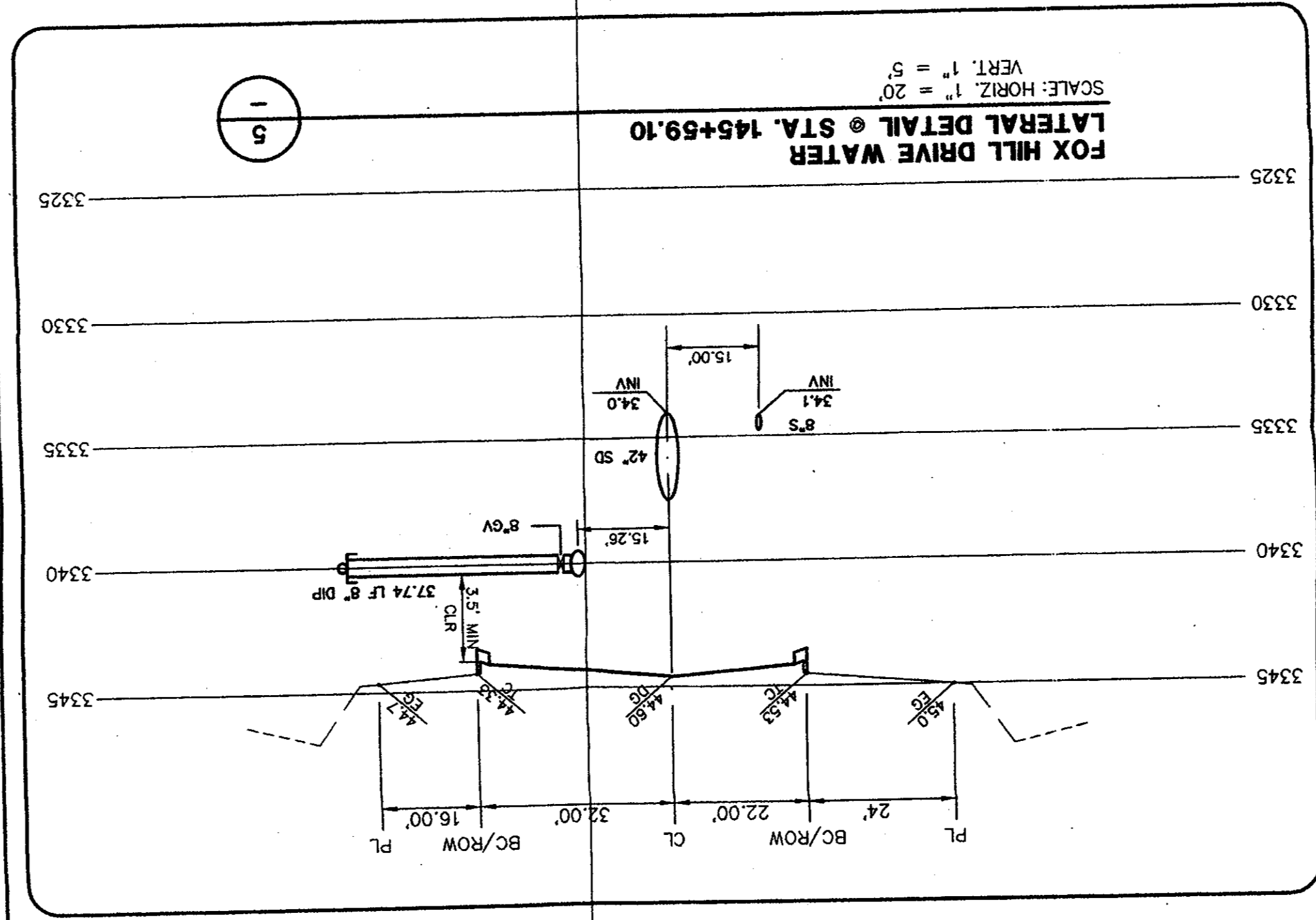
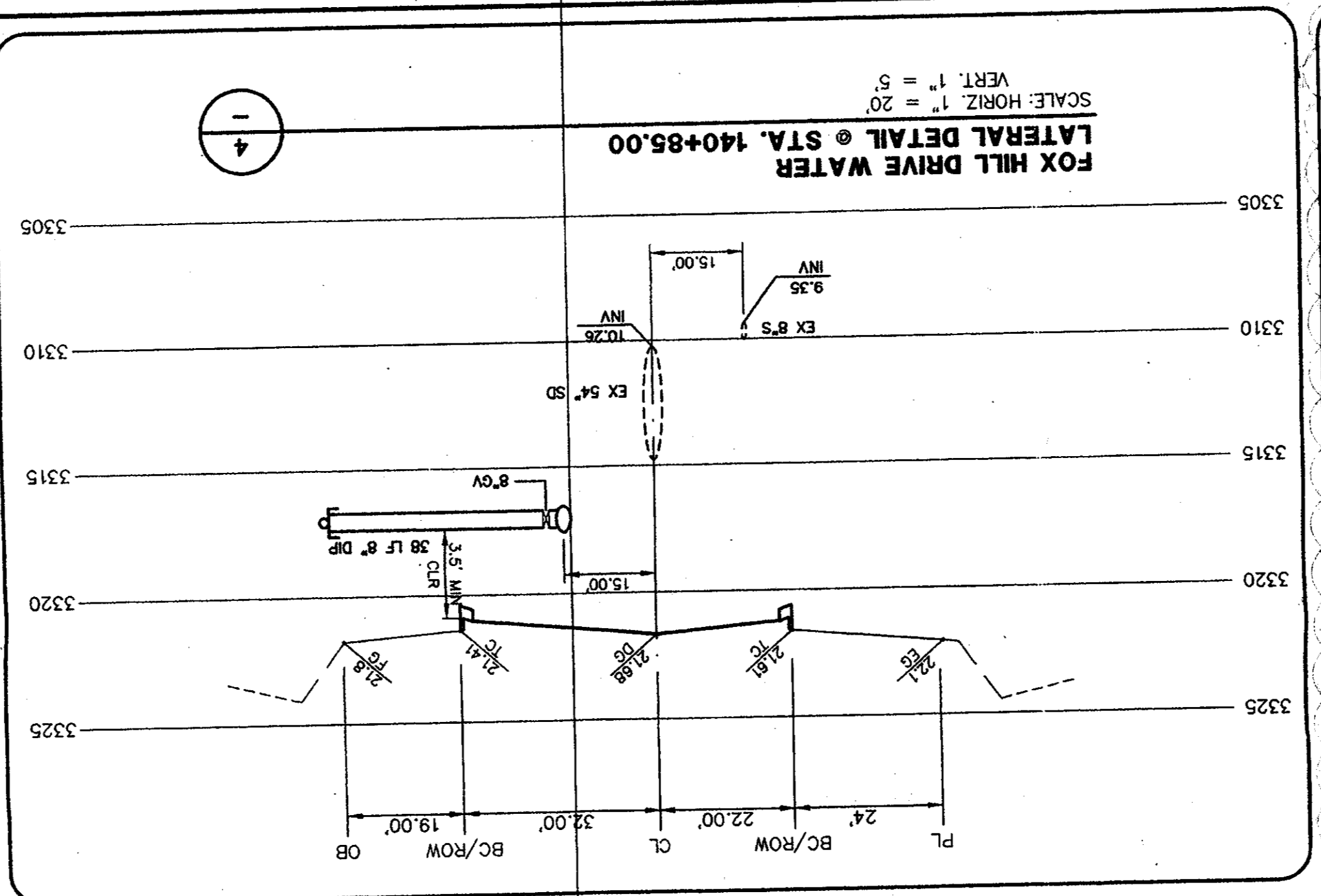
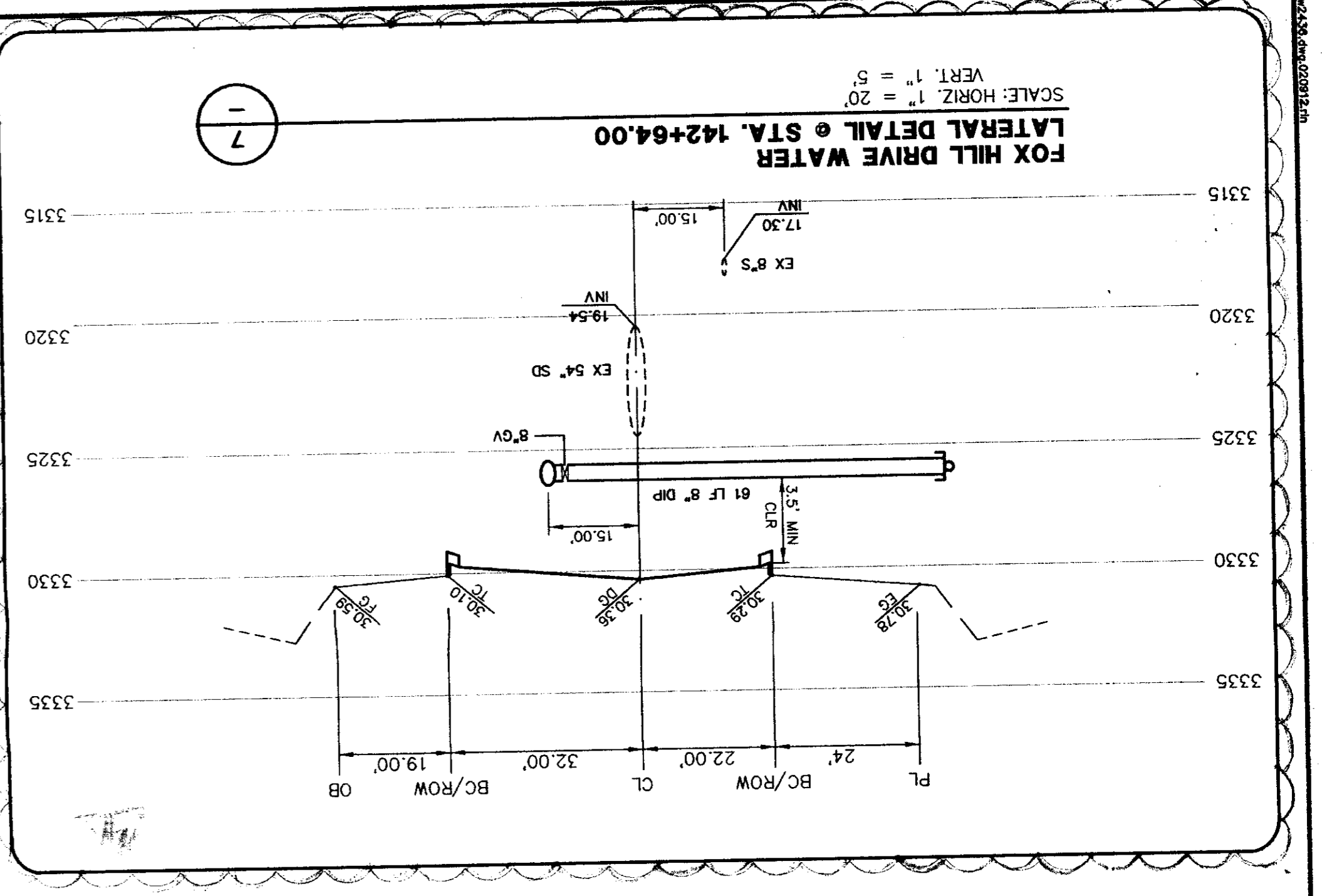
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SUMMERLIN
VILLAGE 23A UNIT 2 IMPROVEMENTS
LATERAL PROFILES I

SHEET **21**
21 OF 32 SHTS

CLV DRAWING NO.



APPROVAL: _____
 DATE: 6/16/11 and 6/17/11
 3102-2
 This grading is a part of drainage study

22 SHEET
 22 OF 32 SHES
 CLV DRAWING NO. 151V3574-2

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 VILLAGE 23A UNIT 2 IMPROVEMENTS
 LATERAL PROFILES II

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DESIGN: GBM/GTP
 DRAWN: NAL/GTP
 CHECK: BAH
 ISSUE DATE: 01-28-07
 PLOT DATE: 09-13-09

REVISIONS:
 NO. DATE DESCRIPTION
 1 01-28-07 ISSUED FOR PERMITS
 2 09-13-09 REVISED PER DATE SCALE APP. DATE

