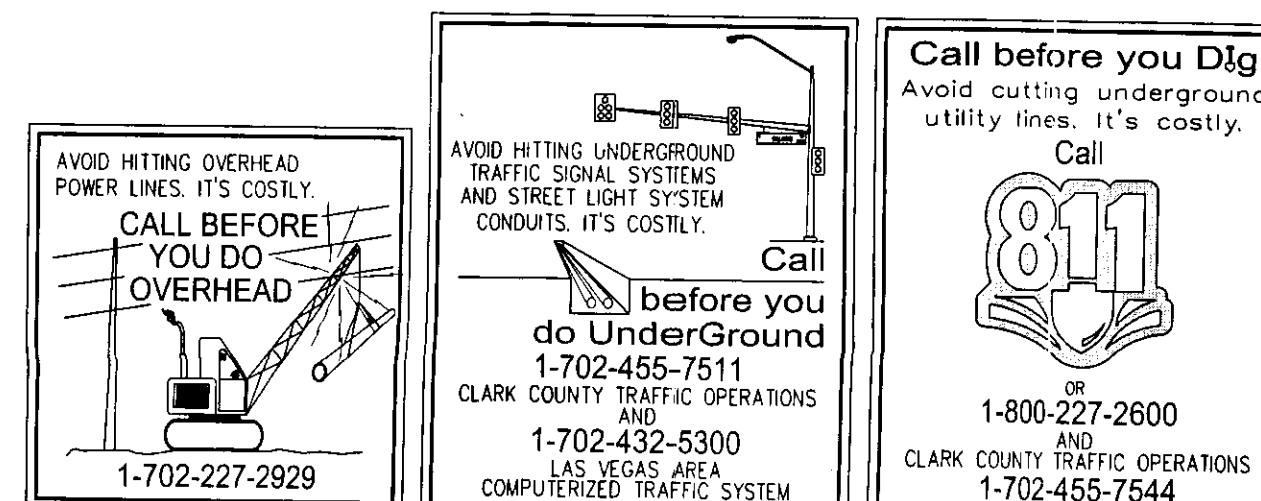
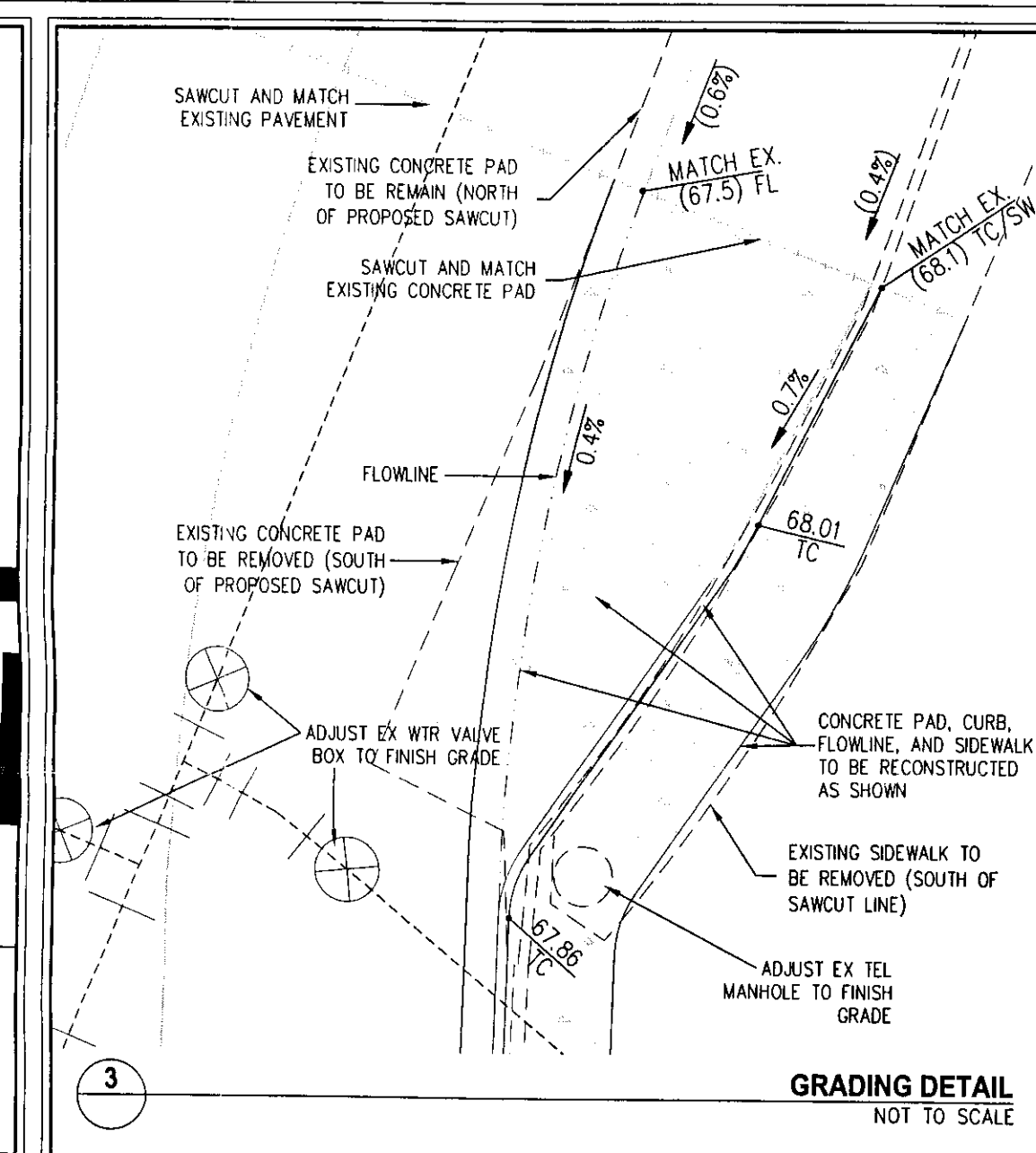
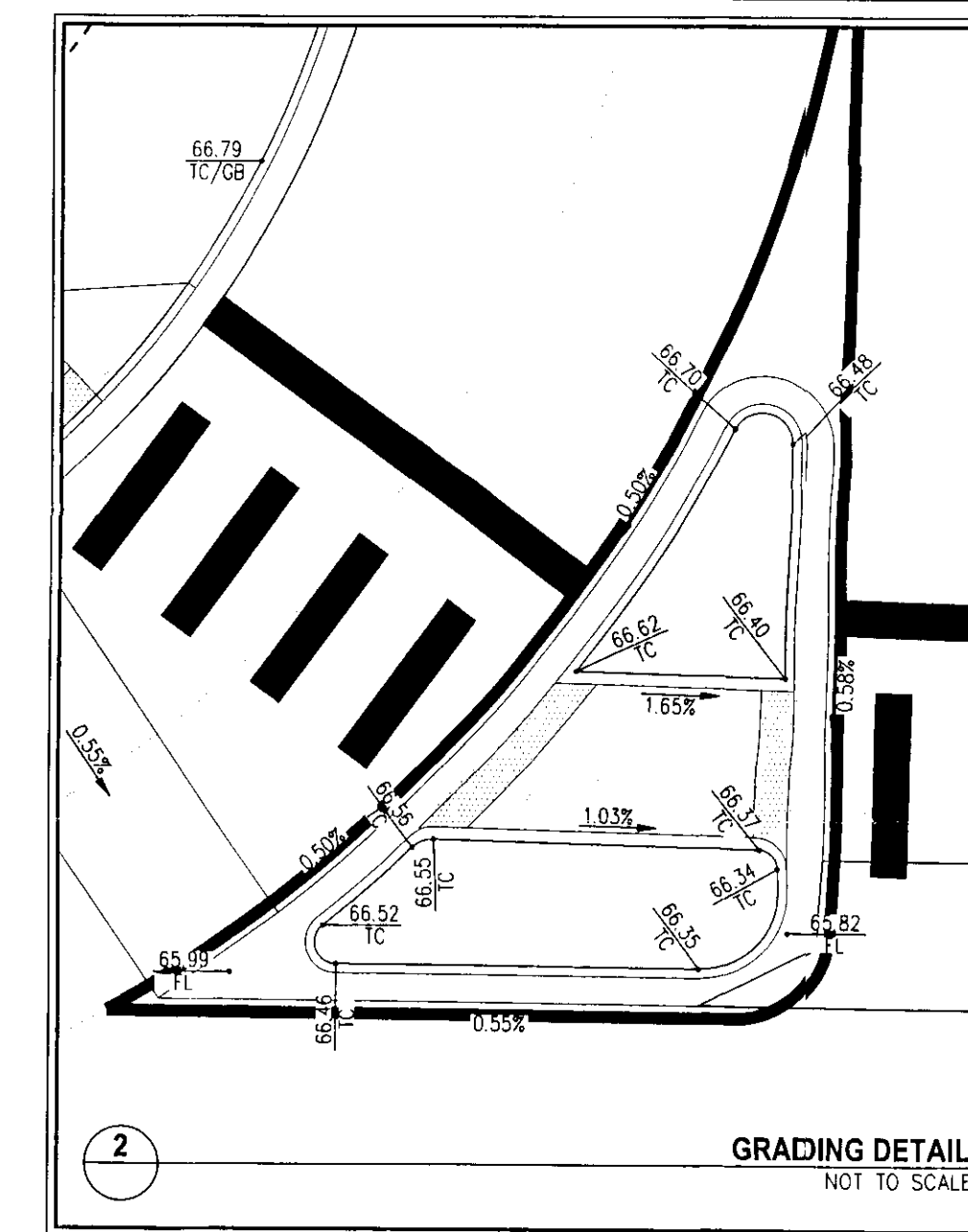
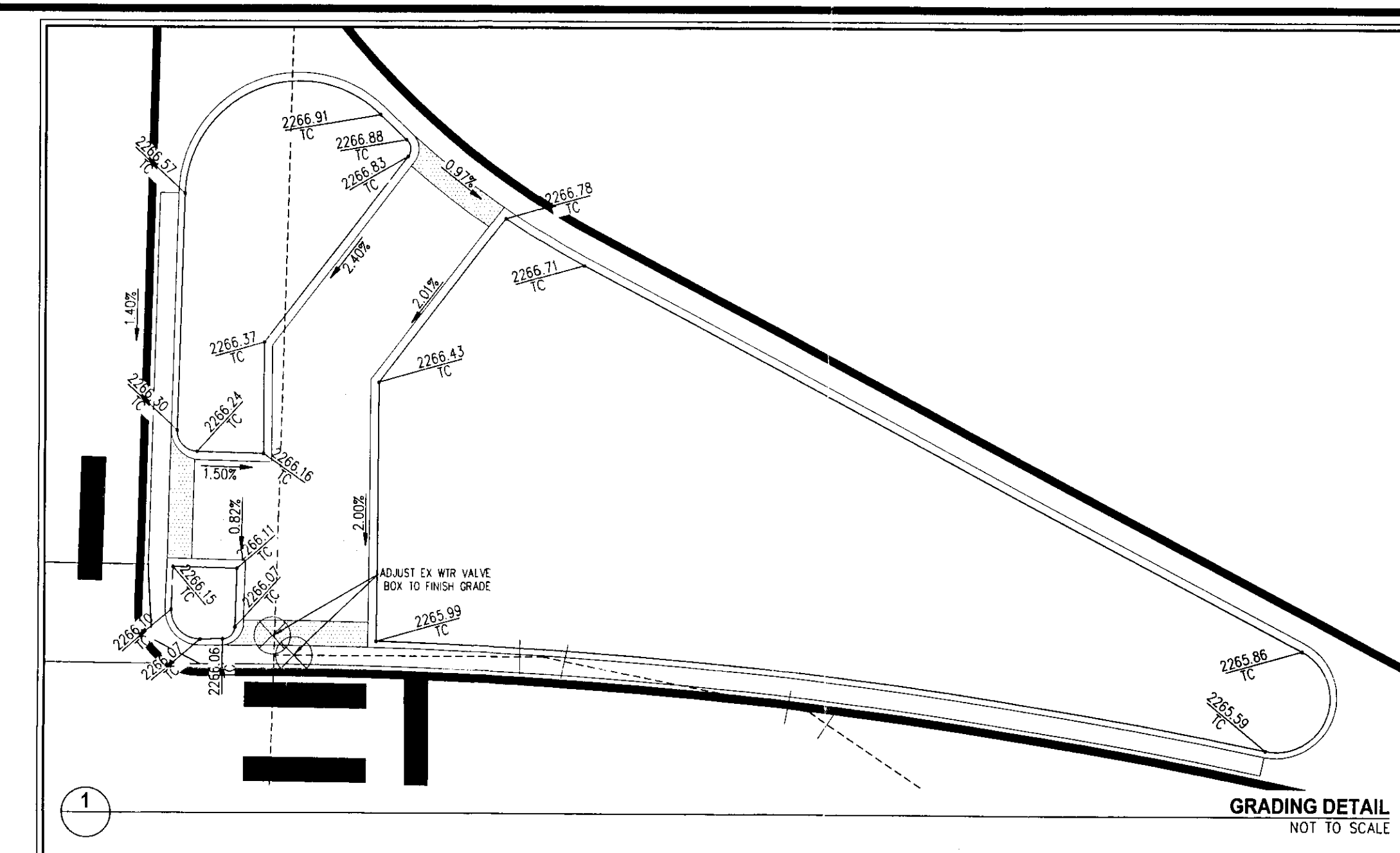
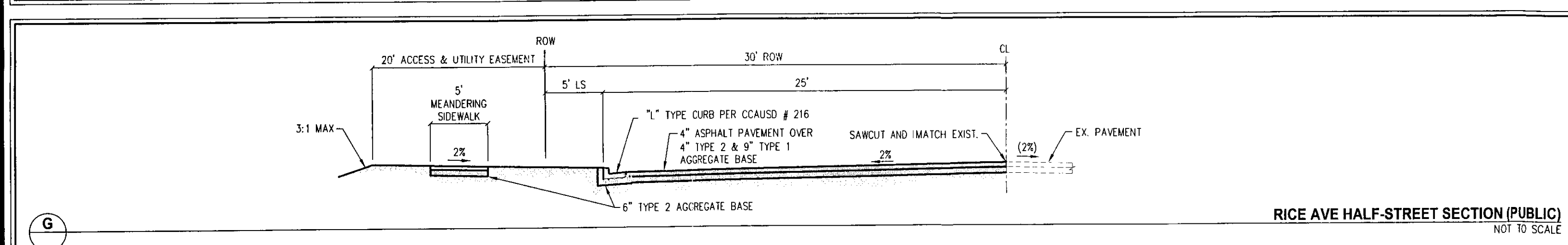
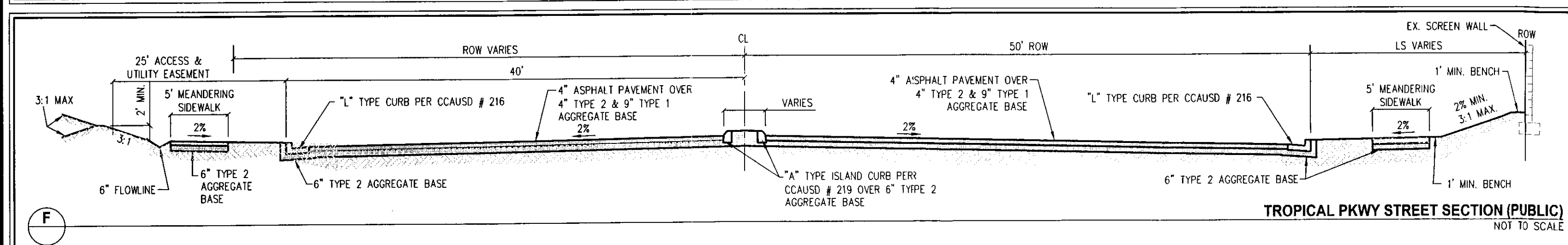
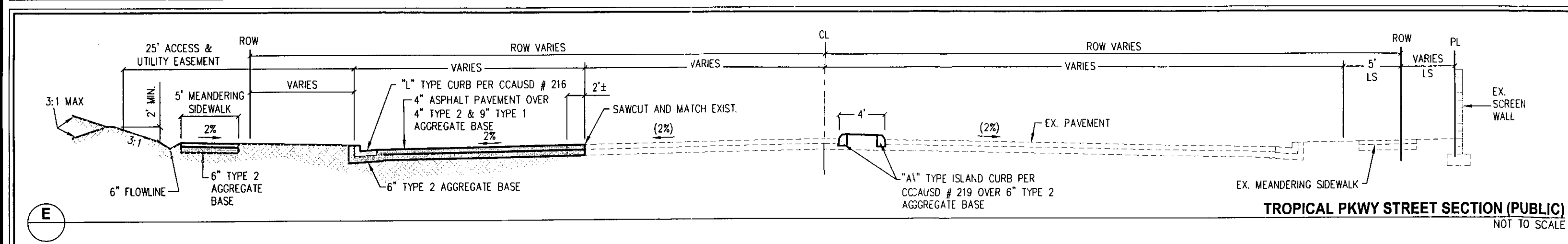
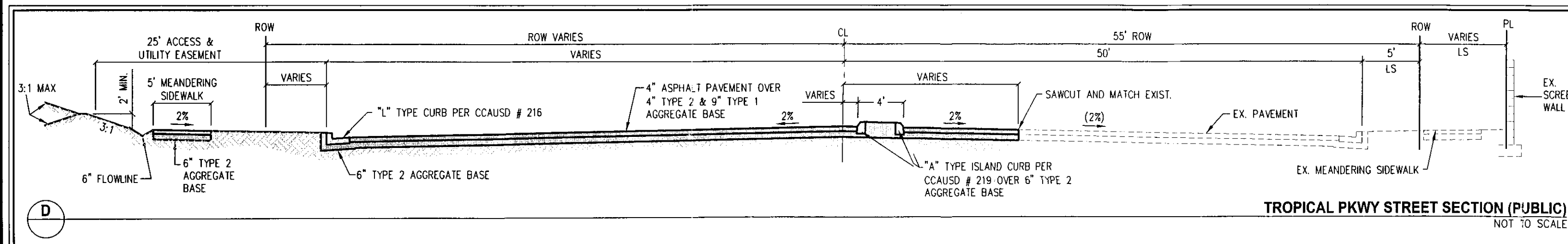
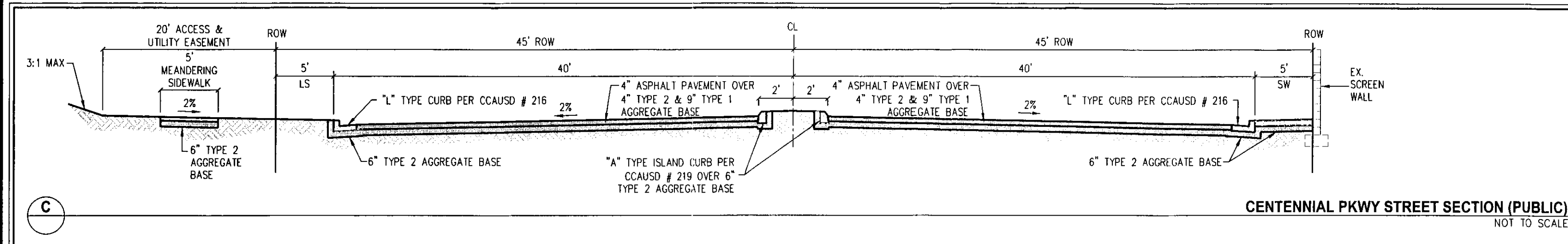
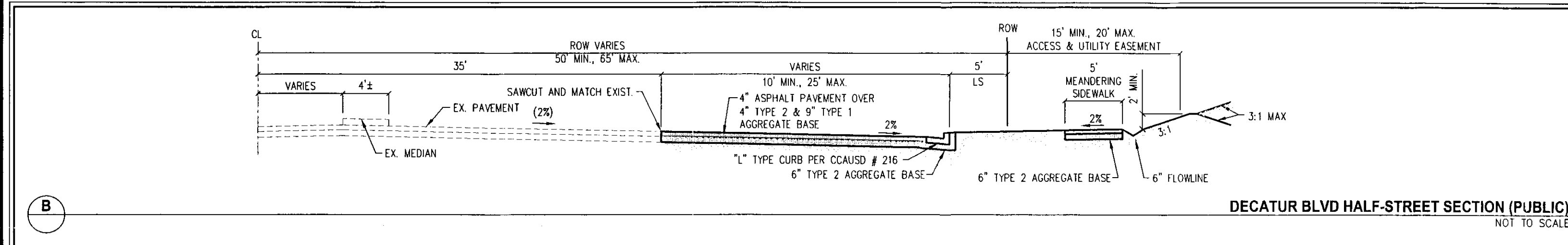
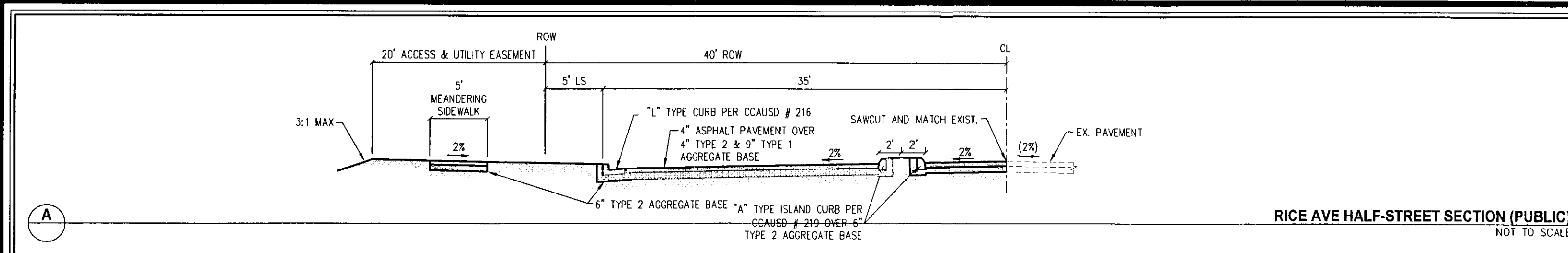


The seal of the City of Phoenix is a circular emblem. It features a large, stylized mountain in the background. In the foreground, there is a river with a cactus on its left bank and a small house on its right bank. The entire scene is enclosed within a circular border. Below the seal, the words "CITY OF" are written in a bold, sans-serif font.

SHEET INDEX.		
NUMBER	SHEET	DESCRIPTION
1	C-1	COVER SHEET
2	C-2	GENERAL NOTES AND QUANTITIES
3	P-1	PLAN AND PROFILE - RICE AVE
4	P-2	PLAN AND PROFILE - CENTENNIAL PKWY
5	P-3	PLAN AND PROFILE - TROPICAL PKWY
6	P-4	PLAN AND PROFILE - TROPICAL PKWY
7	P-5	PLAN AND PROFILE - DECATUR BLVD
8	P-6	PLAN AND PROFILE - STORM DRAIN LATERALS
9	D-1	SECTIONS AND DETAILS
10	T-1	TRAFFIC PLAN - RICE AND DECATUR
11	T-2	TRAFFIC PLAN - TROPICAL PKWY
12	T-3	TRAFFIC PLAN - CENTENNIAL PKWY
13	DM-1	DEMOLITION PLAN I
14	DM-2	DEMOLITION PLAN II



"THE AFFIXED CENTURYLINK 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."



\\mq1101-000\dwg\improv\mq1101-000 d1.dwg 12/16/2011 4:45 PM Roy Fredericksen

This grading plan is a
part of drainage study
4543 which was received
on 1/9/12 and App'd on
1/19/12. Page 8 of 8

S-I-G **SLATER HANFAN GROUP**
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 264-5300 FAX (702) 264-5399

[illegible]

CITY OF NORTH LAS VEGAS, NV

M GRAPE LLC

IMPROVEMENT PLANS FOR TROPICAL PKWY AND CENTENNIAL PKWY ROADWAY IMPROVEMENTS SECTIONS AND DETAILS

T19
R61

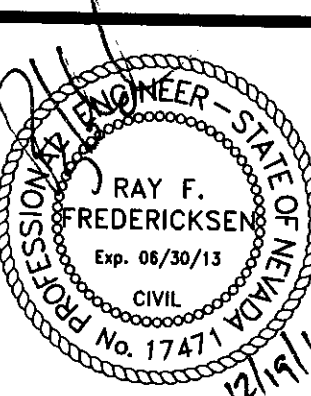
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DESIGNER: BC

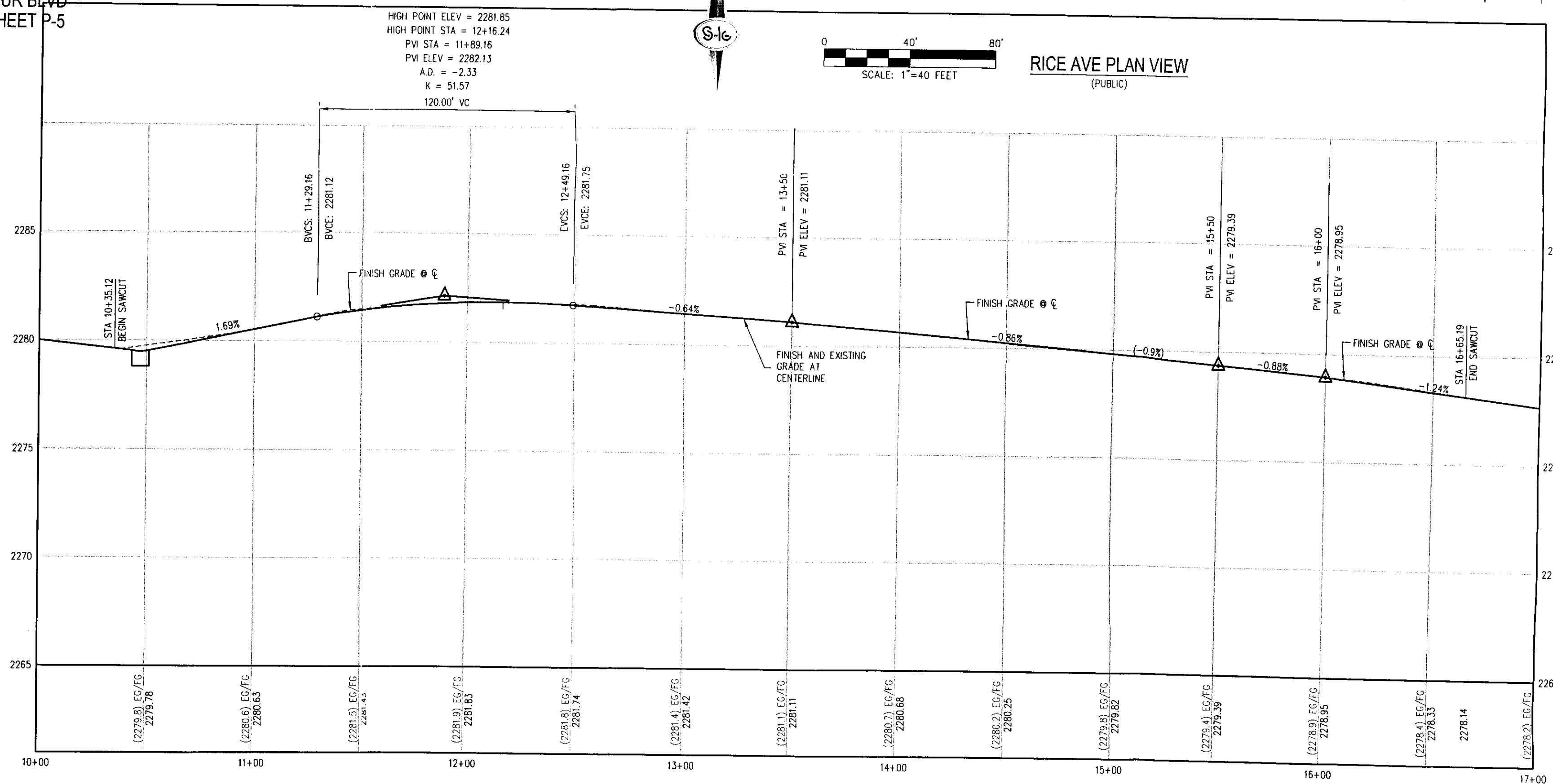
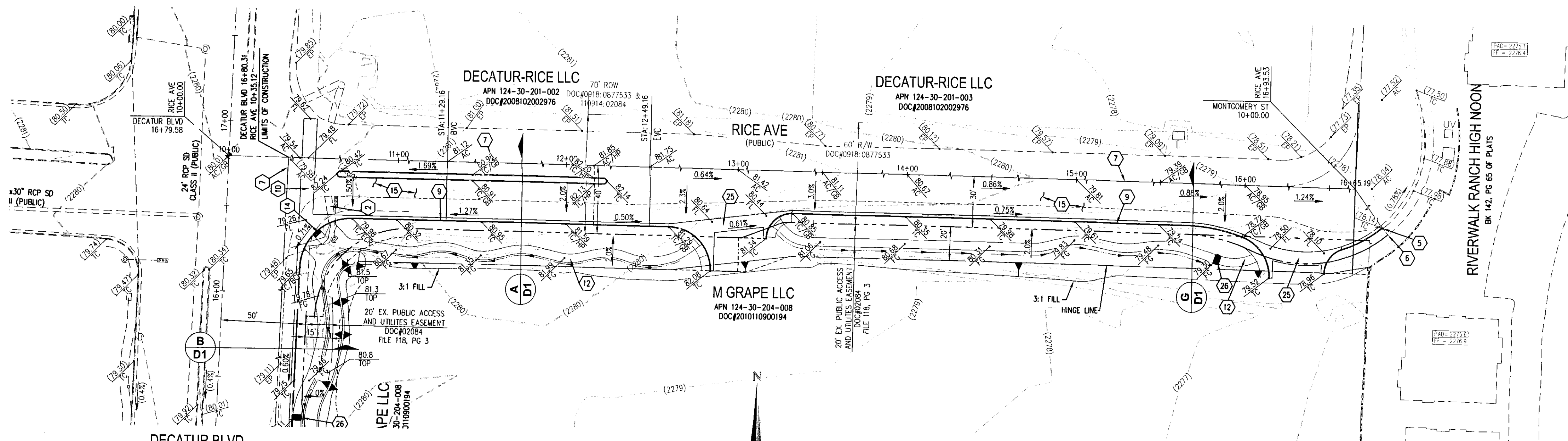
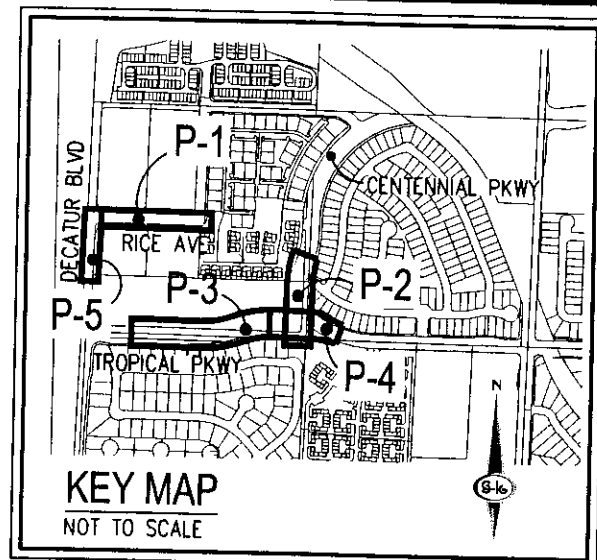
CHECKED: RE

PROJECT NO.
MGL1101.000



D-1

SHEET 9 OF 14



- ### GRADING NOTES

- 1 EXISTING CURB TO BE REMOVED
- 2 EXISTING SIDEWALK TO BE REMOVED
- 3 EXISTING VALLEY CUTTER TO BE REMOVED
- 4 EXISTING SIDEWALK TO BE REMOVED
- 5 SAWCUT AND MATCH EXISTING CURB
- 6 SAWCUT AND MATCH EXISTING SIDEWALK
- 7 SAWCUT AND MATCH EXISTING PAYEMENT
- 8 SAWCUT AND MATCH EXISTING CONCRETE PAD
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- 20 EXISTING CATV BOX. ADJUST TO FINISH GRADE
- 21 EXISTING CONCRETE FLUME. EXTEND AND TIE TO "L" TYPE CURB
- 22 INSTALL ____ CONCRETE PAD OVER ____ TYPE II AGGREGATE BASE
- 24 EXISTING TIE MANHOLE. ADJUST TO FINISH GRADE
- 26 CONSTRUCT COMMERCIAL DRIVEWAY PER CCAUSD # 225
- 28 CONSTRUCT 2'-FT SIDEWALK UNDERDRAIN PER CCAUSD # 236

- ### LEGEND

-
- ROADWAY CENTERLINE
- RIGHT-OF-WAY
- PROPERTY LINE
- CURB AND GUTTER
- EXISTING CURB AND GUTTER
- FLOWLINE
- EDGE OF PAVEMENT (EP)
- SAW CUT LINE
- PROPOSED ELEVATION
- EXISTING ELEVATION
- EXISTING CONTOUR (5-FT)
- EXISTING CONTOUR (1-FT)
- SCARP
- STREET/FLIGHT
- EXISTING STREET/FLIGHT
- MATCH LINE

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CERTIFICATION

THIS PLAN COMPLIES WITH THE APPROVED DRAINAGE STUDY APPLICATION # CNLV No. _____, ON FILE WITH THE CITY OF NORTH LAS VEGAS.

DATE _____ RAY F. FREDERICKSEN

CITY OF NORTH LAS VEGAS
UTILITIES DEPARTMENT

UTILITIES DEPARTMENT- ENGINEERING SERVICES DIVISION DATE: _____

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CONTACT ONLY UTILITIES @ 633-1277 24 HOURS PRIOR TO BEGINNING ANY WORK FOR SCHEDULING INSPECTIONS AND APPROVALS.

LEGAL DESCRIPTION

LYING WITHIN PORTION OF THE SOUTHWEST QUARTER (SW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 61 EAST, M.D.M. CITY OF NORTH LAS VEGAS, CLARK COUNTY, NEVADA.

BASIS OF BEARING

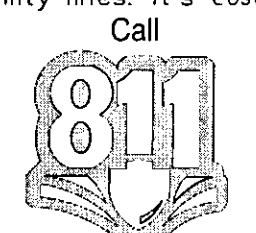
BEING THE CENTERLINE OF DECATUR BOULEVARD NORTH 02°01'35" EAST BETWEEN TROPICAL PARKWAY AND RICE AVENUE, AS SHOWN ON PLAT MAP BOOK 140 PAGE 42 AS RECORDED IN THE OFFICIAL RECORDS OF CLARK COUNTY, NEVADA ON JUNE 25, 2008

BENCHMARK

BEING A RIVET AND 2" ROUND ALUMINUM DISK, STAMPED NORTH LAS VEGAS BM NO. NLV9025E4, SET IN THE TOP OF CURB, LOCATED APPROX. 18 FEET SOUTH OF THE SOUTHWEST SOUTH BCR AT THE INTERSECTION OF TROPICAL PKWY. AND DECATUR BLVD. NAVD88 ELEVATION OF 2275.79 FEET.

Call before you Dig

Call before you Dig
Avoid cutting underground utility lines. It's costly.



OR
1-800-227-2600
AND
OK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

AVOID HITTING UNDERGROUND
TRAFFIC SIGNAL SYSTEMS
AND STREET LIGHT SYSTEM
CONDUITS. IT'S COSTLY.

 Call **before you
do UnderGround**
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
AND
1-702-432-5300
LAS VEGAS AREA
COMPUTERIZED TRAFFIC SYSTEM

AVOID HITTING OVERHEAD
POWER LINES. IT'S COSTLY.
CALL BEFORE
YOU DO
OVERHEAD



1-702-227-2929

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before you

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AND
1-702-432-5300
LAS VEGAS AREA
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APPROVALS: This grading plan is a part of drainage study # 1543 which was received on 1/19/12 and App'd on 1/19/12. Page 2 of 8

S30 T19 R61	
DATE:	12/12/11

RAY F. FREDERICKSEN
Exp. 06/30/13
CIVIL
No. 17471
STATE OF NEVADA
PROFESSIONAL SEAL
12/1/11

P-1

SHEET 3 OF 14

12/19/2011 9:41 AM Ray.Frederickson

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AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS. IT'S COSTLY.
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NAVD80 ELEVATION OF 2275.79 FEET.

CITY OF NORTH LAS VEGAS UTILITY DEPARTMENT DISCLAIMER
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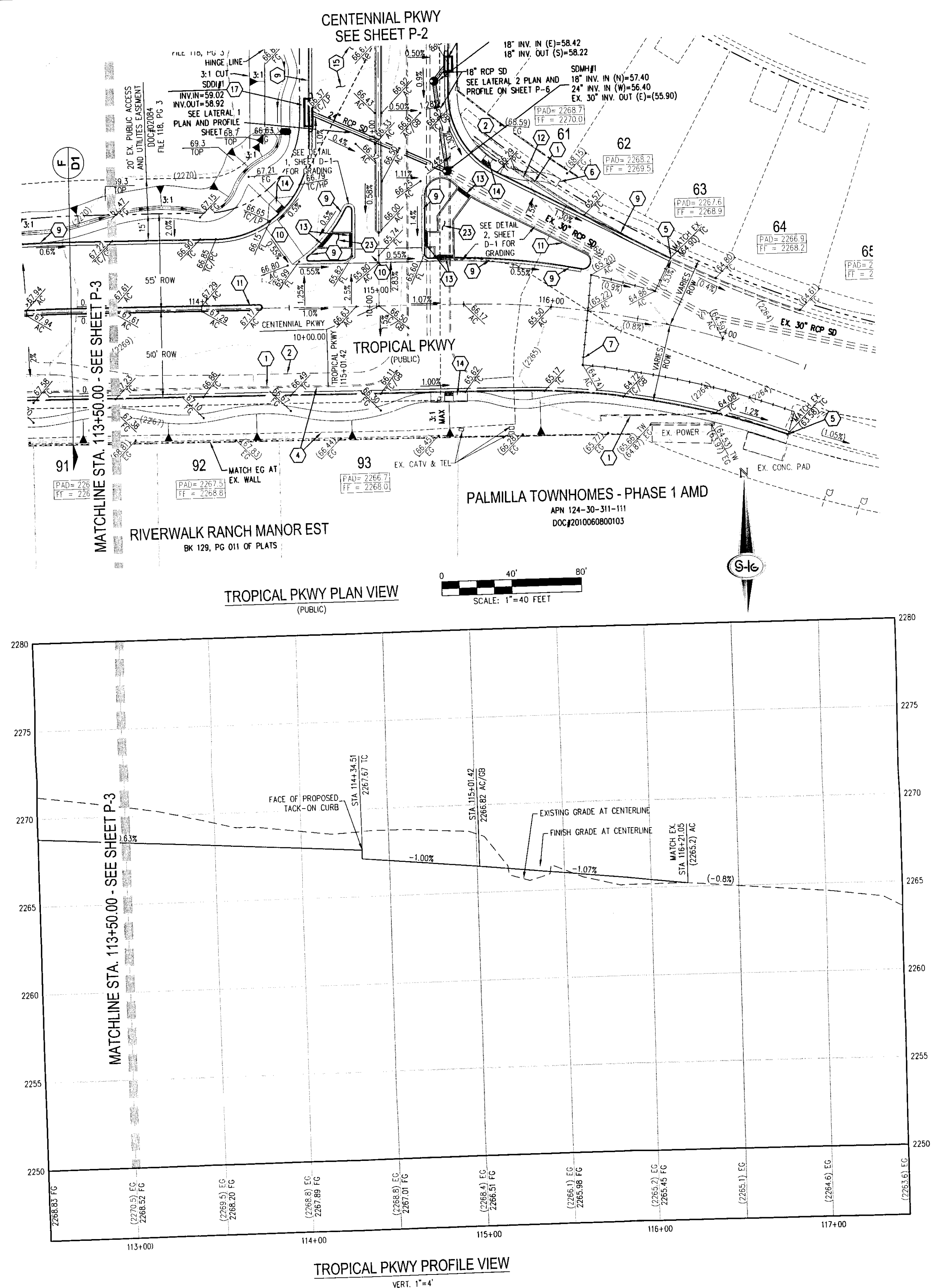
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CITY OF NORTH LAS VEGAS UTILITIES DEPARTMENT
UTILITIES DEPARTMENT- ENGINEERING SERVICES DIVISION
DATE: _____
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DATE: _____ RAY F. FREDERICKSEN

APPROVALS:
This grading plan is a part of drainage study #4543 which was received on 1/9/12 and App'd on 1/19/12. Page 5 of 8
JENNIFER DODD, PROJECT MANAGER, DEVELOPMENT AND ROAD CONTROL DIVISION
RAY F. FREDERICKSEN, CIVIL ENGINEER, No. 17471, NV State Board of Engineering



- GRADING NOTES**
- EXISTING CURB TO BE REMOVED
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 - EXISTING VALLEY GUTTER TO BE REMOVED
 - EXISTING PAVEMENT TO BE REMOVED
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 - EXISTING TEL MAINHOLE. ADJUST TO FINISH GRADE
 - CONSTRUCT COMMERCIAL DRIVEWAY PER CCAUSD # 225
 - CONSTRUCT 2'-FT SIDEWALK UNDERDRAIN PER CCAUSD # 236
- SEE SHEET C-2 FOR LEGEND, GENERAL NOTES, AND QUANTITIES

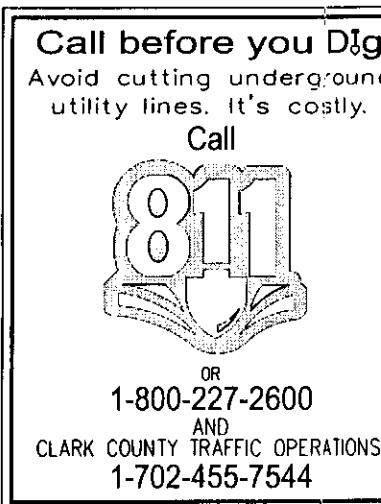
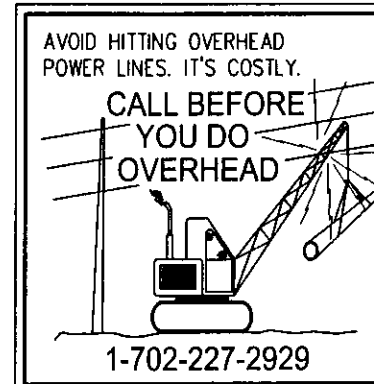
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- PROPERTY LINE
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- MATCH LINE

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IMPROVEMENT PLANS FOR TROPICAL PKWY AND CENTENNIAL PKWY ROADWAY IMPROVEMENTS
PLAN AND PROFILE - TROPICAL PKWY

DATE: 12/12/11
DRAFTER: BC
DESIGNER: BC
CHECKED: RF
PROJECT NO. MGL1101.000
RAY F. FREDERICKSEN, CIVIL ENGINEER, No. 17471, NV State Board of Engineering
P-4
SHEET 6 OF 14



LEGAL DESCRIPTION
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CERTIFICATION

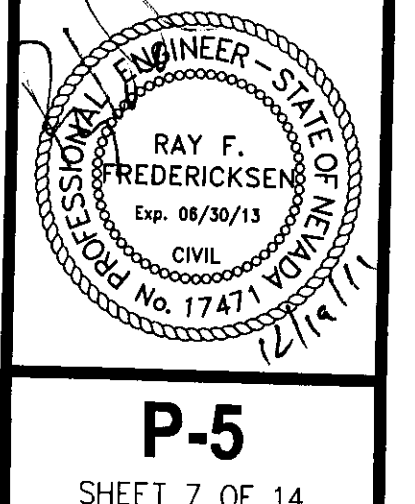
THIS PLAN COMPLIES WITH THE APPROVED DRAINAGE STUDY APPLICATION # ONLY NO. _____ ON FILE WITH THE CITY OF NORTH LAS VEGAS.

DATE: _____ RAY F. FREDERICKSEN

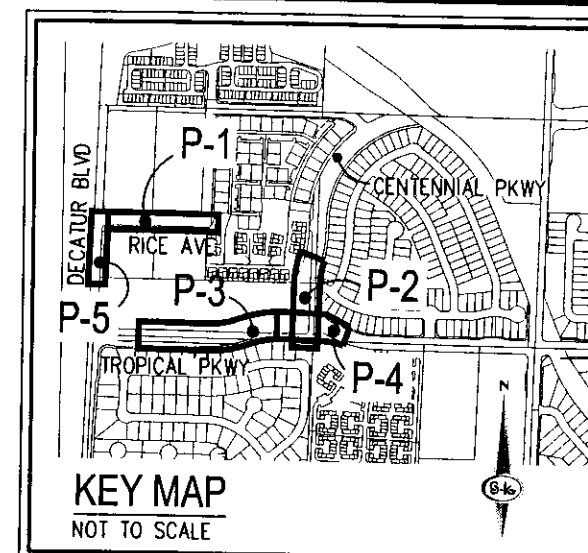
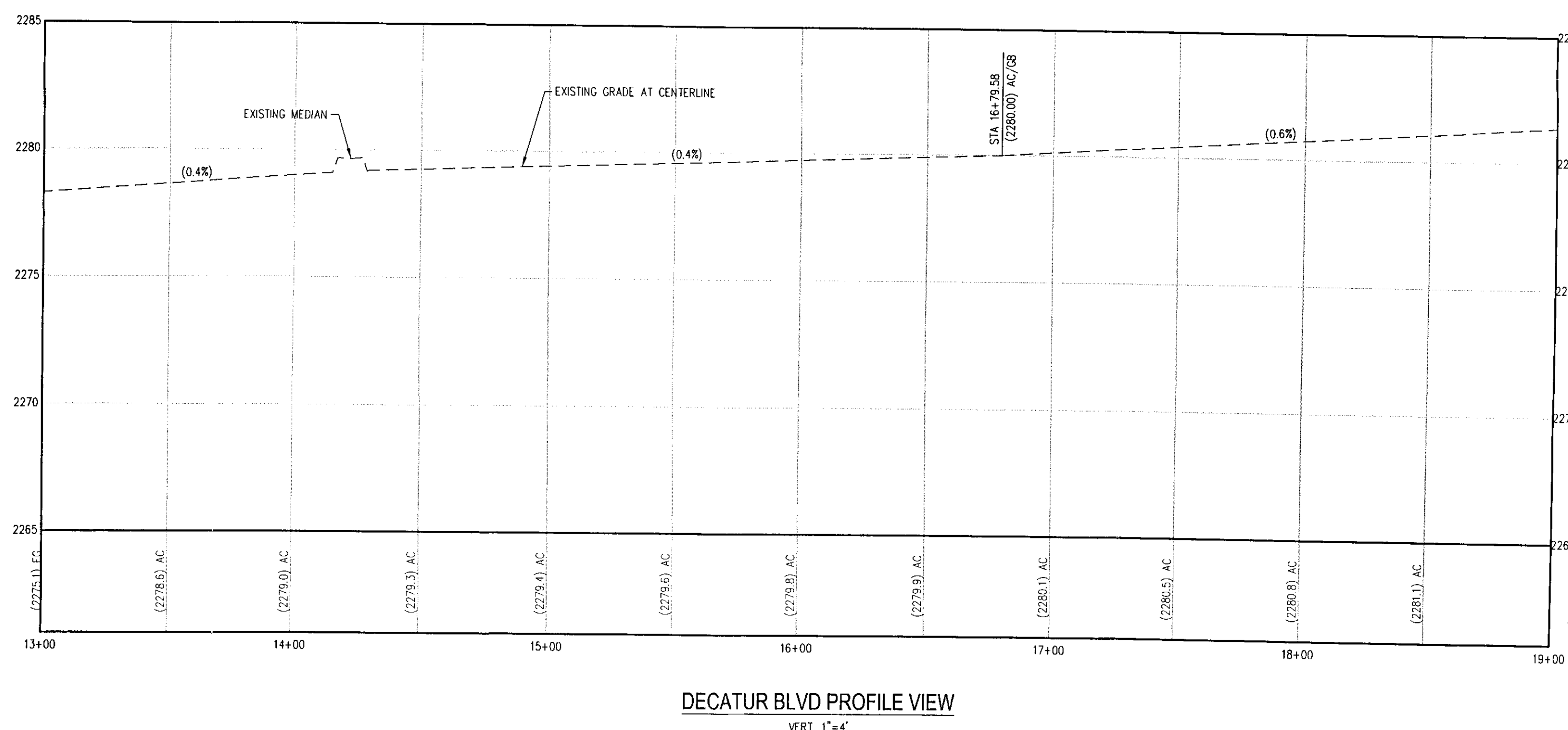
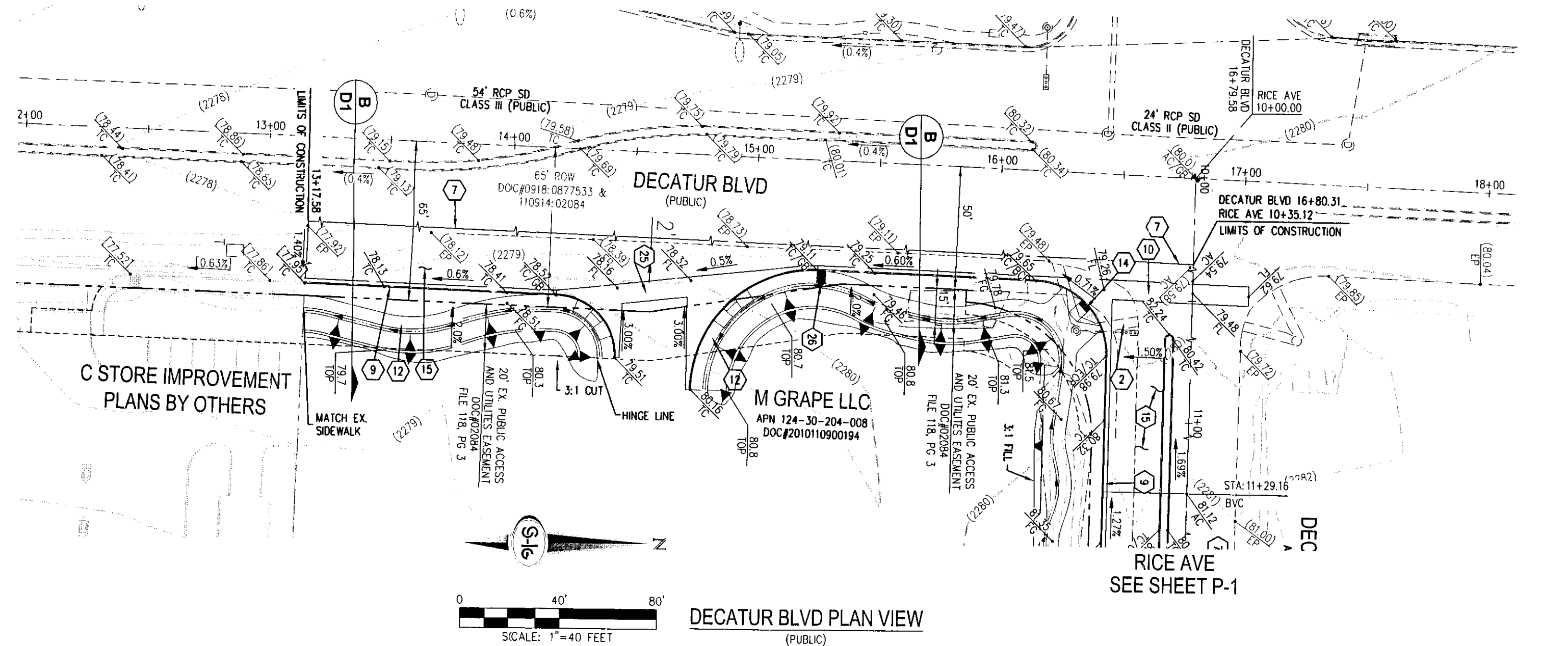
APPROVALS:

This grading plan is a part of drainage study #4543 which was received on 1/19/12 and App'd on 1/19/12. Page 6 of 8

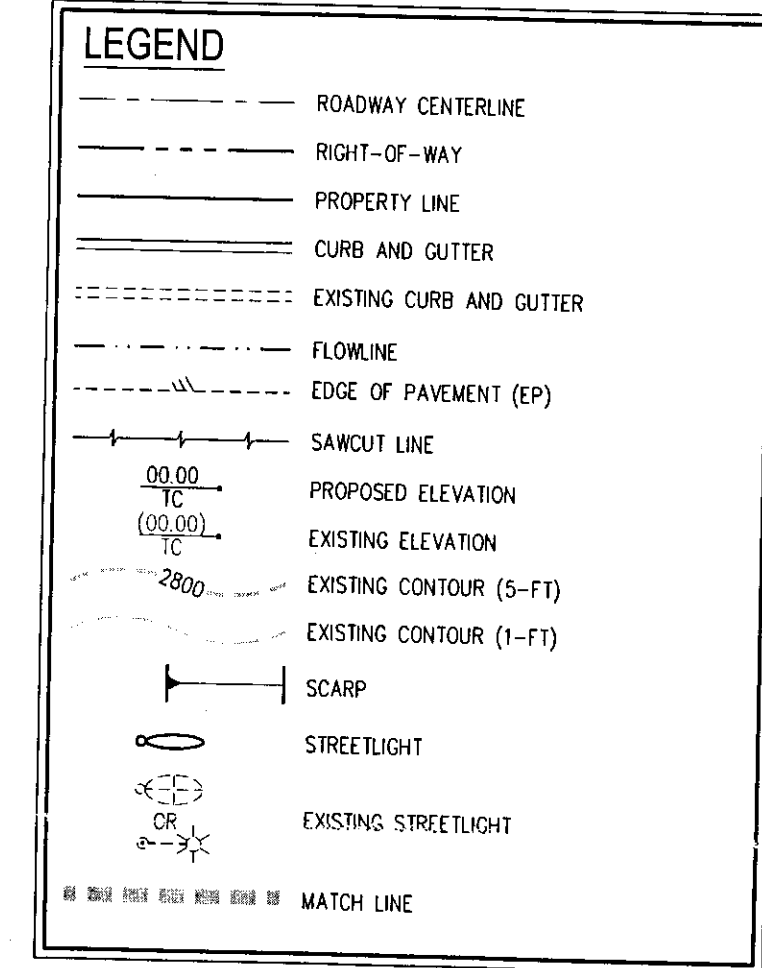
JENNIFER DOODY, P.E. MANAGER, DEVELOPMENT AND CONSTRUCTION DIVISION DATE: _____



P-5
SHEET 7 OF 14



- GRADING NOTES**
- EXISTING CURB TO BE REMOVED
 - EXISTING SIDEWALK TO BE REMOVED
 - EXISTING VALLEY GUTTER TO BE REMOVED
 - EXISTING PAVEMENT TO BE REMOVED
 - SAWCUT AND MATCH EXISTING CURB
 - SAWCUT AND MATCH EXISTING SIDEWALK
 - SAWCUT AND MATCH EXISTING PAVEMENT
 - SAWCUT AND MATCH EXISTING CONCRETE PAD
 - INSTALL "L" TYPE CURB AND GUTTER PER CCAUSD #216
 - INSTALL 8-FT CROSS GUTTER PER CCAUSD #228
 - INSTALL "A" TYPE CURB PER CCAUSD #219
 - INSTALL 5' WIDE CONCRETE SIDEWALK (4" THICK OVER 6" TYPE 2 AGGREGATE BASE) PER CCAUSD #234
 - INSTALL ADA COMPLIANT ARMOR TILE TRUNCATED DOMES
 - INSTALL SIDEWALK RAMP USING ARMOR TILE TRUNCATED DOMES PER CCAUSD NO. 235
 - INSTALL 4" AC OVER 4" TYPE II, OVER 9" TYPE I AGGREGATE BASE
 - SEE DETAIL 3 ON SHEET D-1
 - INSTALL MOD. TYPE "C" DROP INLET WITH 3" MIN. CURB TRANSITION PER CCAUSD #412.1 AND 421 (SEE PROFILE SHEET P-5 FOR SIZE AND GRATES)
 - EXISTING CATV VAULT TO BE RELOCATED (BY OTHERS)
 - EXISTING SERVICE PEDESTAL TO BE RELOCATED (BY OTHERS)
 - EXISTING CATV BOX. ADJUST TO FINISH GRADE
 - EXISTING CONCRETE FLUME. EXTEND AND TIE TO "L" TYPE CURB
 - INSTALL _____ CONCRETE PAD OVER _____ TYPE II AGGREGATE BASE
 - EXISTING TEL MANHOLE. ADJUST TO FINISH GRADE
 - CONSTRUCT COMMERCIAL DRIVEWAY PER CCAUSD # 225
 - CONSTRUCT 2-FT SIDEWALK UNDERDRAIN PER CCAUSD # 236
- SEE SHEET C-2 FOR LEGEND, GENERAL NOTES, AND QUANTITIES



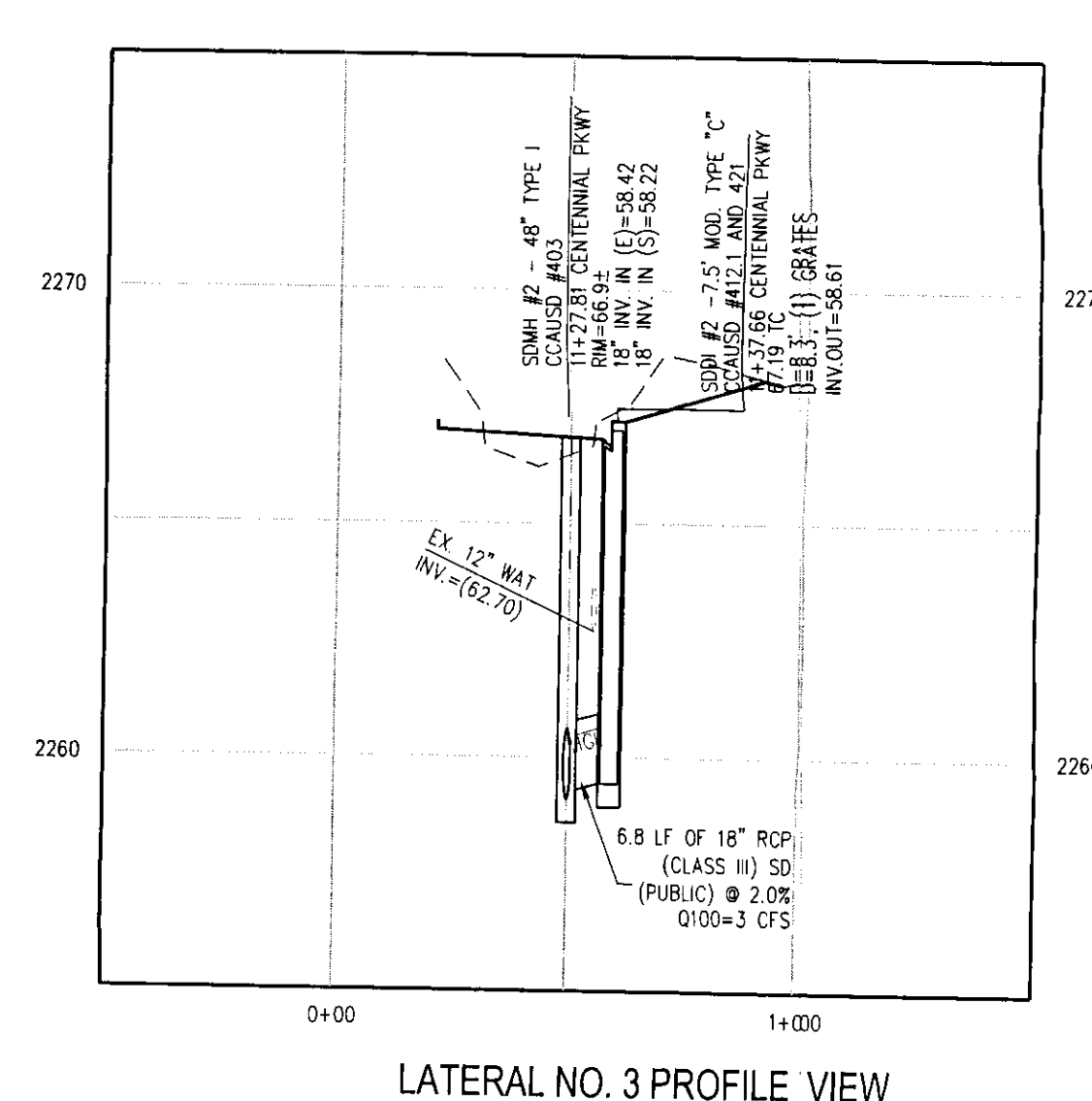
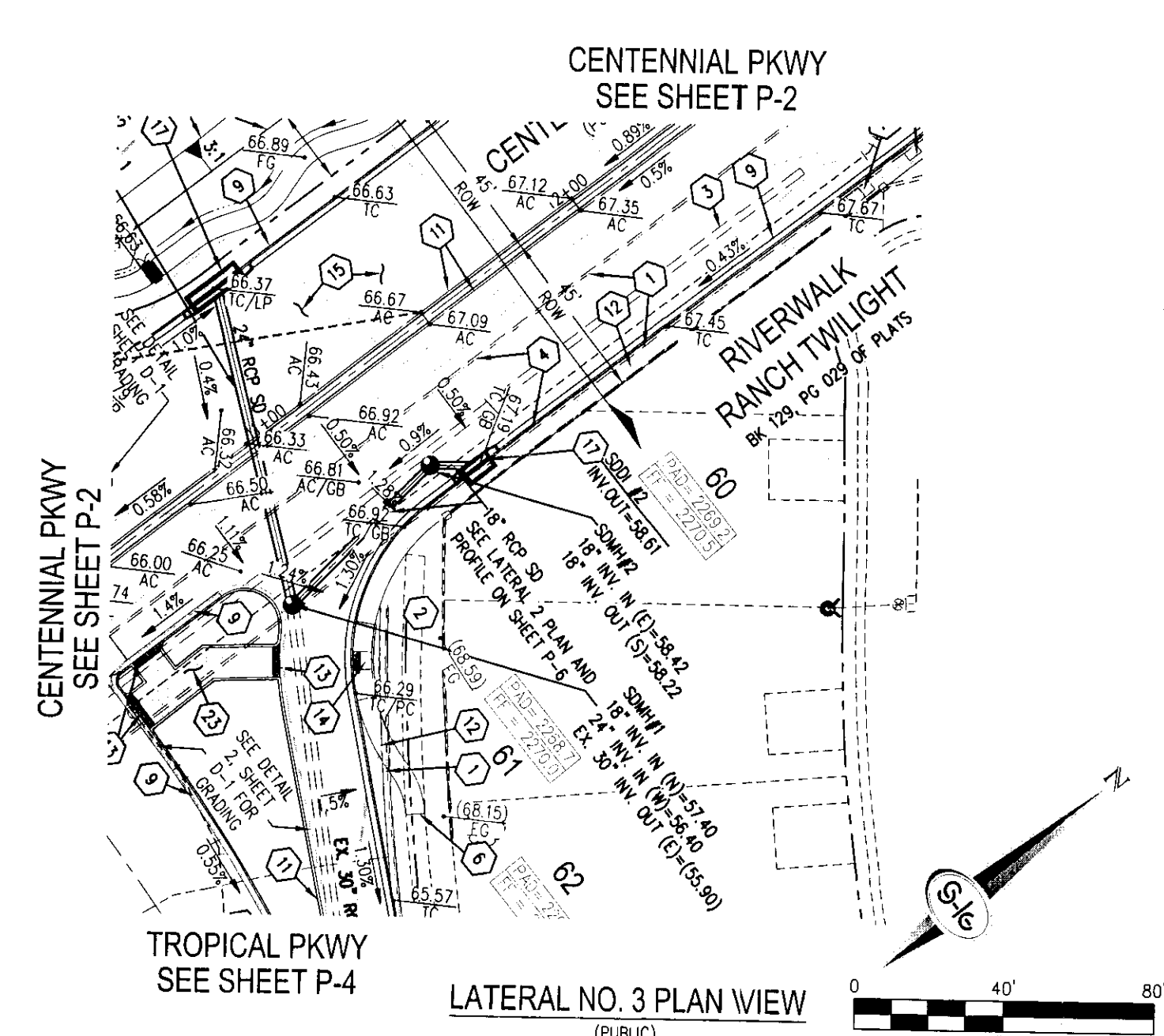
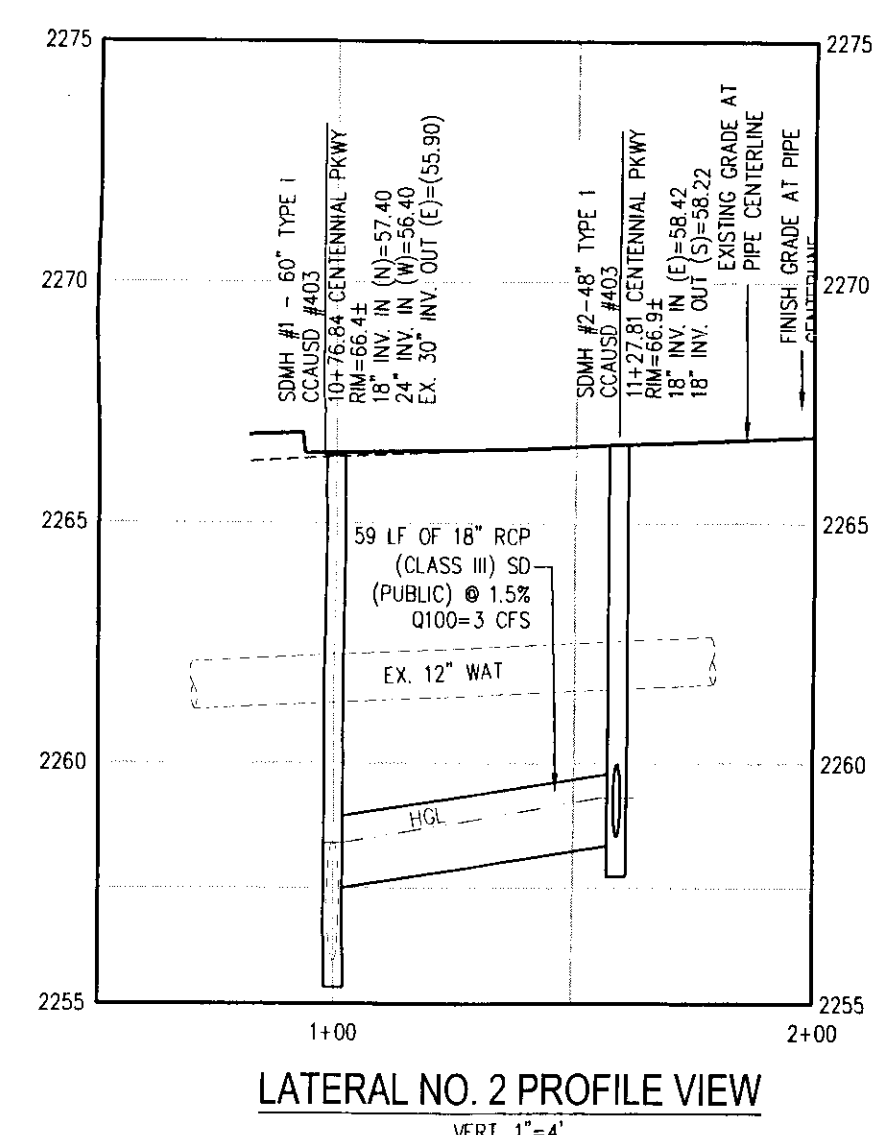
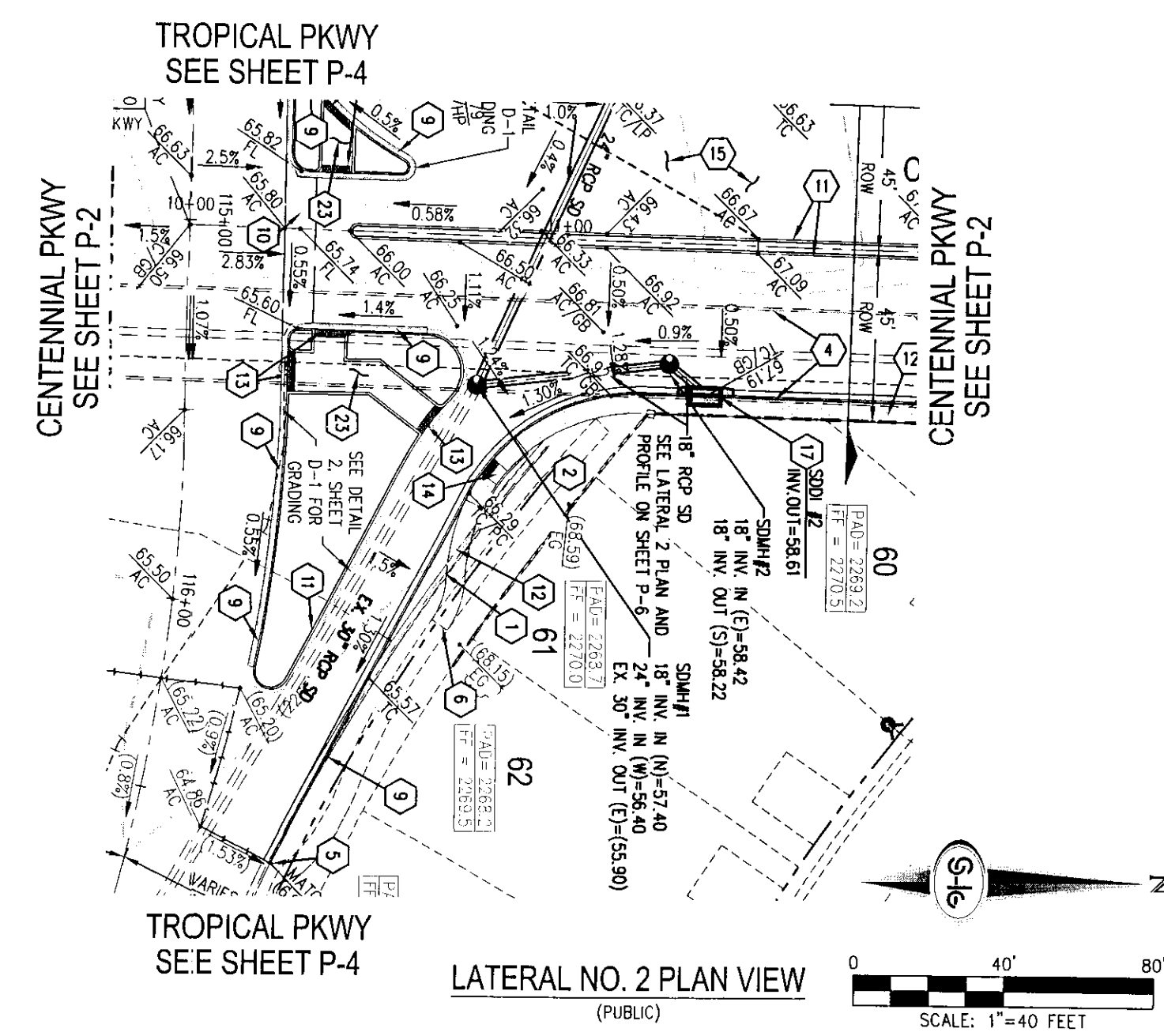
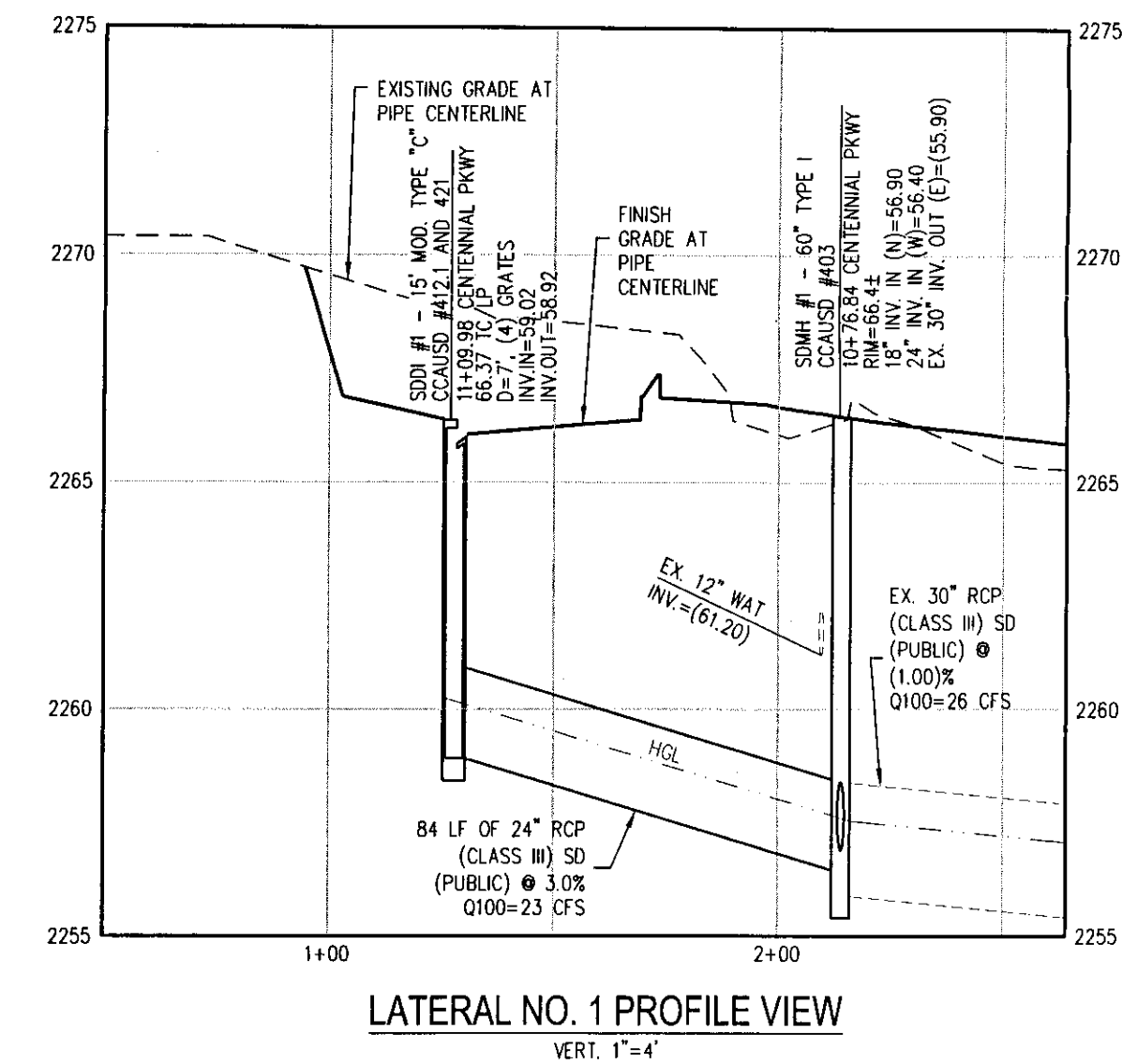
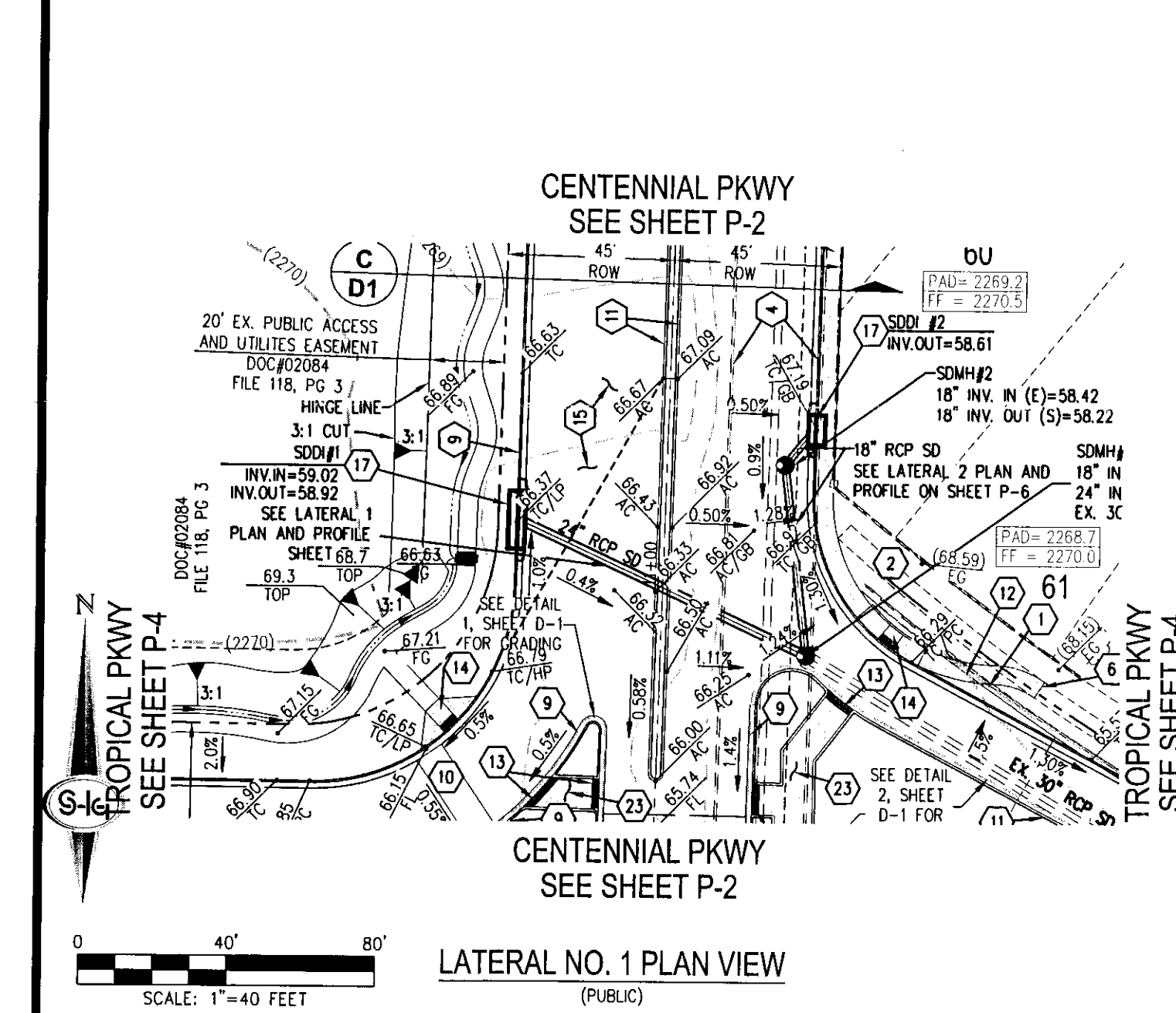
SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5500 FAX (702) 284-5399

M GRAPE LLC

IMPROVEMENT PLANS FOR TROPICAL PKWY AND CENTENNIAL PKWY ROADWAY IMPROVEMENTS PLAN AND PROFILE - DECATUR BLVD

DATE: 12/12/11
DRAFTER: BC
DESIGNER: BC
CHECKED: RF
PROJECT NO. MGL1101.000

\\eng101-000\dwg\mgl1101-000.plt.dwg 12/19/2011 9:42 AM Ray Frederickson

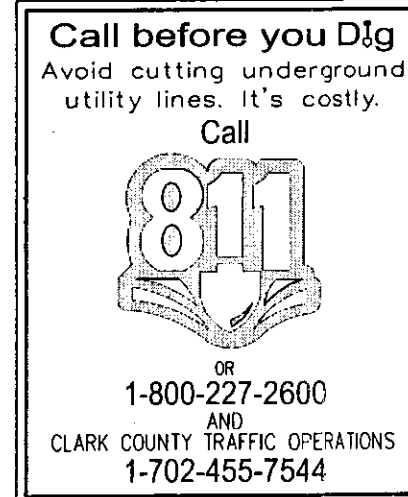
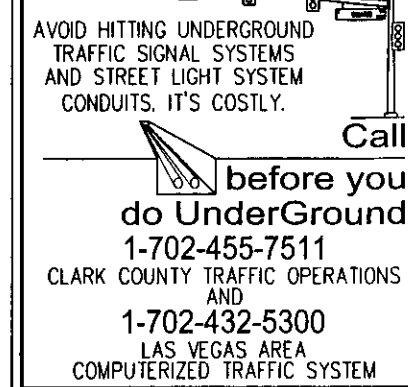
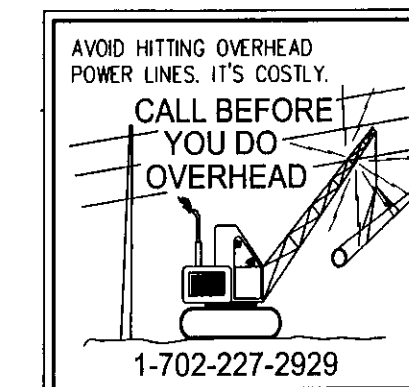


GRADING NOTES

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 - EXISTING VALLEY GUTTER TO BE REMOVED
 - EXISTING PAVEMENT TO BE REMOVED
 - SAWCUT AND MATCH EXISTING CURB
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- SEE SHEET C-2 FOR LEGEND, GENERAL NOTES, AND QUANTITIES

LEGEND

- ROADWAY CENTERLINE
- RIGHT-OF-WAY
- PROPERTY LINE
- CURB AND GUTTER
- EXISTING CURB AND GUTTER
- FLOWLINE
- EDGE OF PAVEMENT (EP)
- SAWCUT LINE
- PROPOSED ELEVATION
- EXISTING ELEVATION
- EXISTING CONTOUR (5-FT)
- EXISTING CONTOUR (1-FT)
- SCARP
- STREETLIGHT
- EXISTING STREETLIGHT
- MATCH LINE



LEGAL DESCRIPTION

LYING WITHIN PORTION OF THE SOUTHWEST QUARTER (SW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 61 EAST, M.D.M. CITY OF NORTH LAS VEGAS, CLARK COUNTY, NEVADA

BASIS OF BEARING
BEING THE CENTERLINE OF DECATUR BOULEVARD NORTH 02°01'35" EAST BETWEEN TROPICAL PARKWAY AND RICE AVENUE, AS SHOWN ON PLAT MAP BOOK 140 PAGE 42 AS RECORDED IN THE OFFICIAL RECORDS OF CLARK COUNTY, NEVADA ON JUNE 25, 2008.

BENCHMARK
BEING A RIVET AND 2" ROUND ALUMINUM DISK, STAMPED NORTH LAS VEGAS BM NO. NLY9025E4, SET IN THE TOP OF CURB, LOCATED APPROX. 18 FEET SOUTH OF THE SOUTHWEST SOUTH CORNER AT THE INTERSECTION OF TROPICAL PKWY. AND DECATUR BLVD. NAVD83 ELEVATION OF 2275.79 FEET.

CITY OF NORTH LAS VEGAS UTILITY DEPARTMENT DISCLAIMER

A STATEMENT OF UNDERSTANDING BETWEEN THE CITY OF NORTH LAS VEGAS UTILITY DEPARTMENT (CITY) AND ANY AND ALL SUBSEQUENT USERS OF INFORMATION CONTAINED HEREFROM.

THE PLANS AND SUPPORTING INFORMATION IS FURNISHED BY THE CITY, AND IS ACCEPTED/USED BY THE RECIPIENT WITH THE UNDERSTANDING THAT THE CITY MAKES NO WARRANTIES, EXPRESS OR IMPLIED, CONCERNING THE ACCURACY, COMPLETENESS, RELIABILITY, OR SUITABILITY OF SAID PLANS OR ANY SUPPORTING DATA AND FURTHER UNDERSTANDS THAT ALL USERS ARE ACTING AT THEIR OWN RISK. THE CITY SHALL BE UNDER NO LIABILITY WHATSOEVER RESULTING FROM ANY USE OF THIS INFORMATION.

THIS INFORMATION SHOULD NOT BE RELIED UPON AS THE SOLE BASIS FOR EXISTING WATER AND/OR SEWER LOCATIONS. THE ENGINEER SHALL CHECK AND VERIFY ALL DIMENSIONS AND LOCATIONS OF EXISTING UTILITIES.

CONTACT ONLY UTILITIES @ 633-1277 24 HOURS PRIOR TO BEGINNING ANY WORK FOR SCHEDULING INSPECTIONS AND APPROVALS.

DISCLAIMER NOTE:

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD 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 LOCATION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

NOTICE TO CONTRACTOR

-QUANTITIES SHOWN ARE ESTIMATES ONLY AND ARE INTENDED TO ILLUSTRATE SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT QUANTITIES INVOLVED.

-EXISTING UTILITY LOCATIONS SHOWN HEREIN 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: (800) 227-2600

CITY OF NORTH LAS VEGAS UTILITIES DEPARTMENT

UTILITIES DEPARTMENT- ENGINEERING SERVICES DIVISION DATE: _____

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR CONSTRUCTION. A COMMITMENT TO SUPPLY WATER AND/OR SEWER SERVICE, OR AN APPROVAL OF ANY VIOLATION OF ONLY WATER AND/OR SEWER SERVICE RULES AND REGULATIONS OR DESIGN AND CONSTRUCTION STANDARDS.

CERTIFICATION

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DATE: _____ RAY F. FREDERICKSEN

APPROVALS:

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JENNIFER DOODY, P.E.
MANAGER, DEVELOPMENT AND PLANNING DIVISION
DATE: _____

SL HA GR
CONSULTING ENGINEERS & ARCHITECTS
5740 S. ARVILLE STREET #216 LAS VEGAS, NV 89148
PHONE (702) 284-5300 FAX (702) 284-5301

CITY OF NORTH LAS VEGAS, NV

M GRAPE LLC

IMPROVEMENT PLANS FOR TROPICAL PKWY AND CENTENNIAL PKWY ROADWAY IMPROVEMENTS PLAN AND PROFILE - STORM DRAIN LATERALS

DATE: 12/12/11
DRAFTER: BC
DESIGNER: BC
CHECKED: RF
PROJECT NO. MGL1101.000

RAY F. FREDERICKSEN
P.E.
12/19/11

P-6
SHEET 8 OF 14