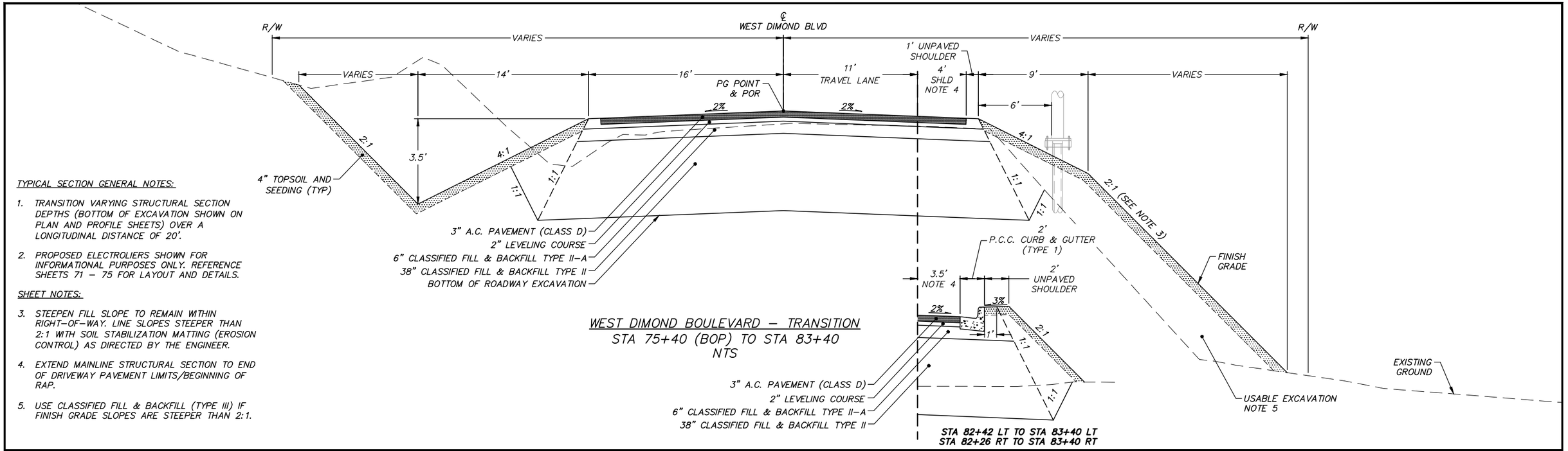


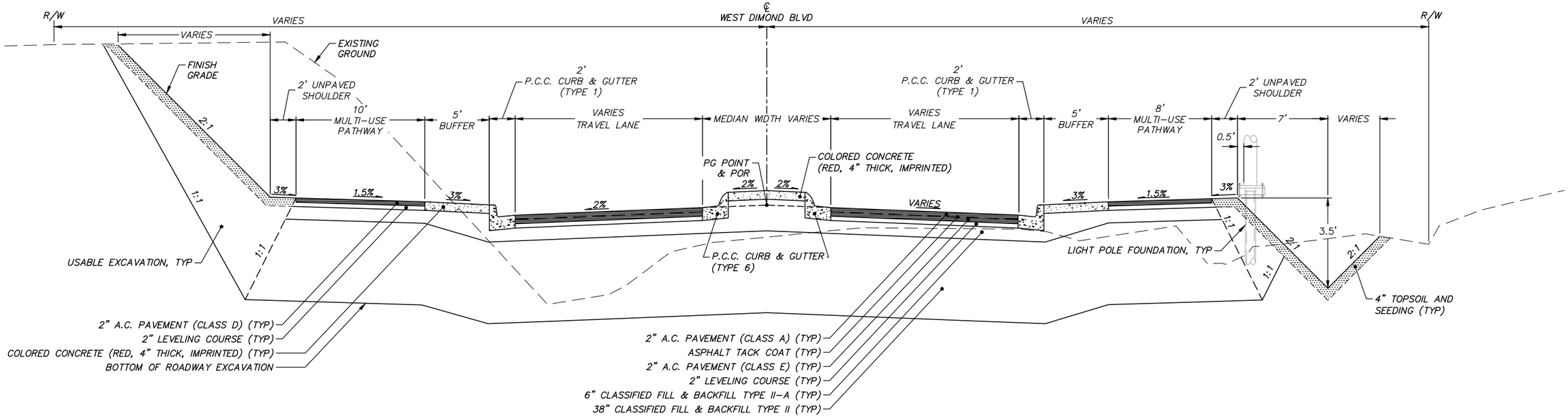
TYPICAL SECTION GENERAL NOTES:

1. TRANSITION VARYING STRUCTURAL SECTION DEPTHS (BOTTOM OF EXCAVATION SHOWN ON PLAN AND PROFILE SHEETS) OVER A LONGITUDINAL DISTANCE OF 20'.
2. PROPOSED ELECTROLIERS SHOWN FOR INFORMATIONAL PURPOSES ONLY. REFERENCE SHEETS 71 – 75 FOR LAYOUT AND DETAILS.

SHEET NOTES:

3. STEEPEN FILL SLOPE TO REMAIN WITHIN RIGHT-OF-WAY. LINE SLOPES STEEPER THAN 2:1 WITH SOIL STABILIZATION MATTING (EROSION CONTROL) AS DIRECTED BY THE ENGINEER.
4. EXTEND MAINLINE STRUCTURAL SECTION TO END OF DRIVEWAY PAVEMENT LIMITS/BEGINNING OF RAP.
5. USE CLASSIFIED FILL & BACKFILL (TYPE III) IF FINISH GRADE SLOPES ARE STEEPER THAN 2:1.

WEST DIMOND BOULEVARD – TRANSITION
STA 75+40 (BOP) TO STA 83+40
NTS



WEST DIMOND BOULEVARD – ROUNDABOUT APPROACH
STA 83+40 TO STA 84+84
NTS

95% DESIGN
JANUARY 2015

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE			TELEPHONE		
TOPOGRAPHY			ELECTRIC		
PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
GAS					
PLAN CHECK					

REV	DATE	DESCRIPTION	BY
REVISIONS			

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907 522 3404 fax
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PROJECT MANAGEMENT AND ENGINEERING DIVISION

05-05

WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

TYPICAL SECTIONS - WEST DIMOND BLVD

SCALE

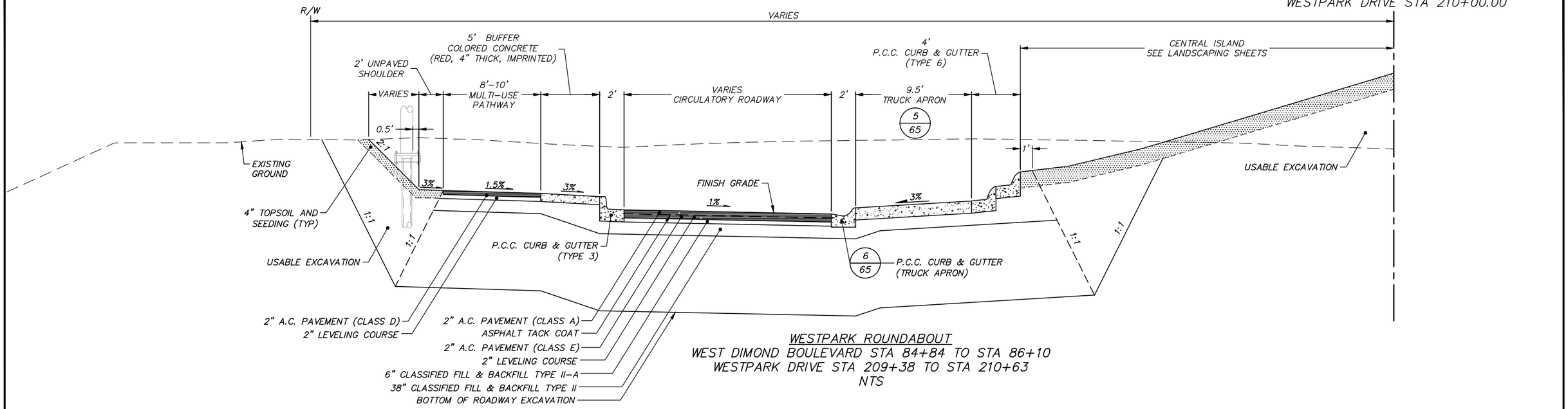
DATE 1/30/15 GRID 2323 2324 2423 2424

ACCT. NO.

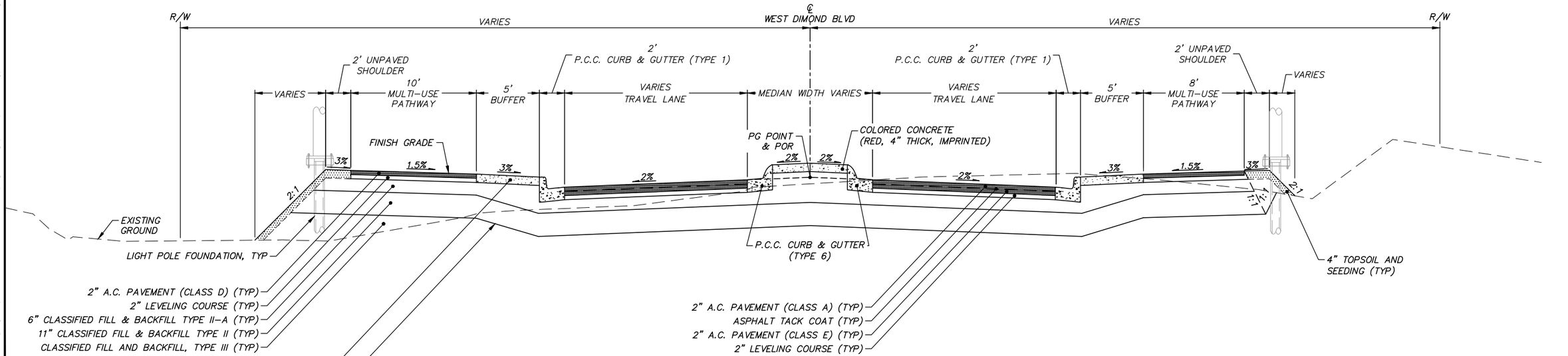
SHEET 28 of 106

Plotted: 1/30/2015 9:45 AM
File Location: Z:\project\1317.01- West Dimond Blvd\Engineering\Acad\1317-D-Typical Sections.dwg

RP
WEST DIMOND BOULEVARD STA 85+47.14 =
WESTPARK DRIVE STA 210+00.00



WESTPARK ROUNDABOUT
WEST DIMOND BOULEVARD STA 84+84 TO STA 86+10
WESTPARK DRIVE STA 209+38 TO STA 210+63
NTS



WEST DIMOND BOULEVARD – ROUNDABOUT APPROACH
STA 86+10 TO STA 87+34
STA 97+88 TO STA 99+08
NTS

95% DESIGN
JANUARY 2015

File Location: Z:\project\1317.01– West Dimond Blvd\Engineering\Acad\1317–D–Typical Sections.dwg
Plotted: 1/30/2015 9:46 AM

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DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE			TELEPHONE		
TOPOGRAPHY			ELECTRIC		
PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
GAS					
PLAN CHECK					

REV	DATE	DESCRIPTION	BY	REV	DATE	DESCRIPTION	BY
REVISIONS							

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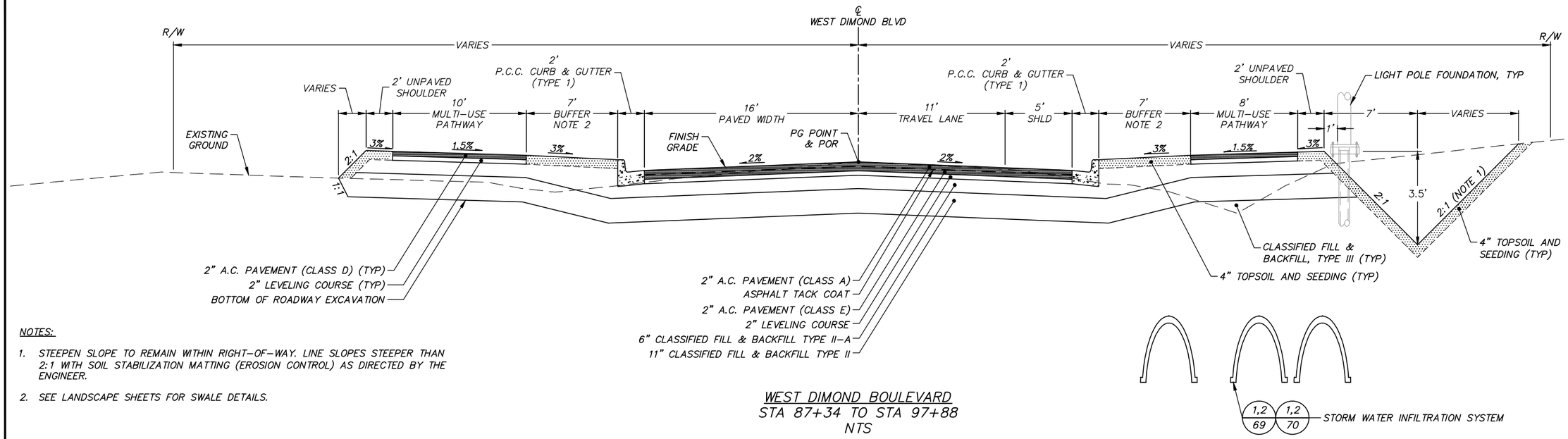
ENGINEERING DIVISION

05–05
WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

TYPICAL SECTIONS - WEST DIMOND BLVD

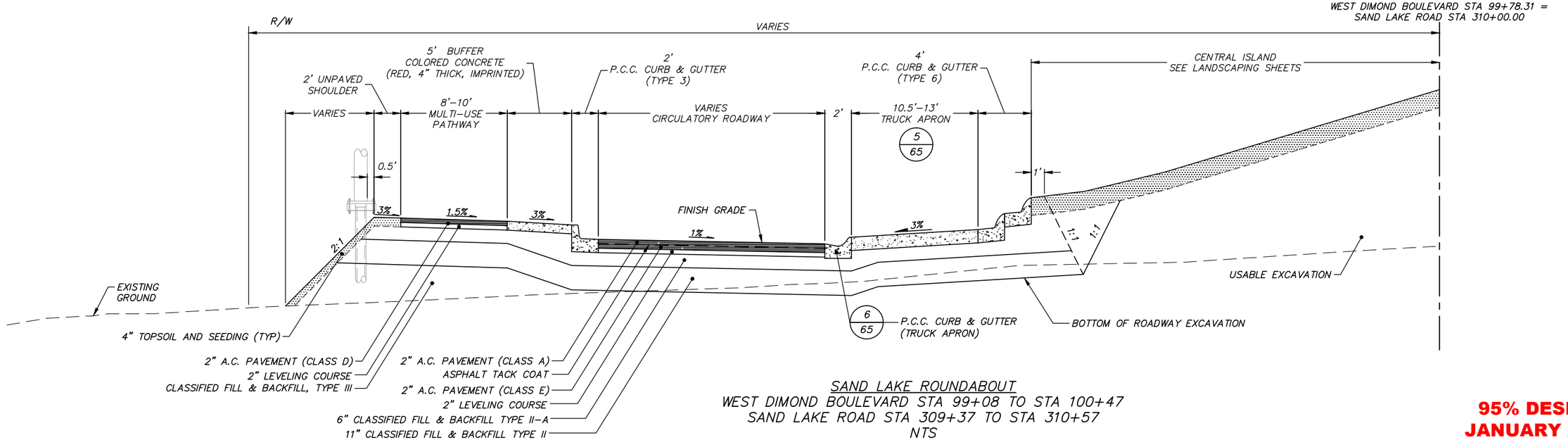
SCALE
DATE 1/30/15 GRID 2323 2324 2423 2424
ACCT. NO.
SHEET 29 of 106



NOTES:

1. STEEPEN SLOPE TO REMAIN WITHIN RIGHT-OF-WAY. LINE SLOPES STEEPER THAN 2:1 WITH SOIL STABILIZATION MATTING (EROSION CONTROL) AS DIRECTED BY THE ENGINEER.
2. SEE LANDSCAPE SHEETS FOR SWALE DETAILS.

WEST DIMOND BOULEVARD
STA 87+34 TO STA 97+88
NTS



SAND LAKE ROUNDABOUT
WEST DIMOND BOULEVARD STA 99+08 TO STA 100+47
SAND LAKE ROAD STA 309+37 TO STA 310+57
NTS

95% DESIGN
JANUARY 2015

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE			TELEPHONE		
TOPOGRAPHY			ELECTRIC		
PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
GAS					
PLAN CHECK					

REV	DATE	DESCRIPTION	BY	REV	DATE	DESCRIPTION	BY
REVISIONS							

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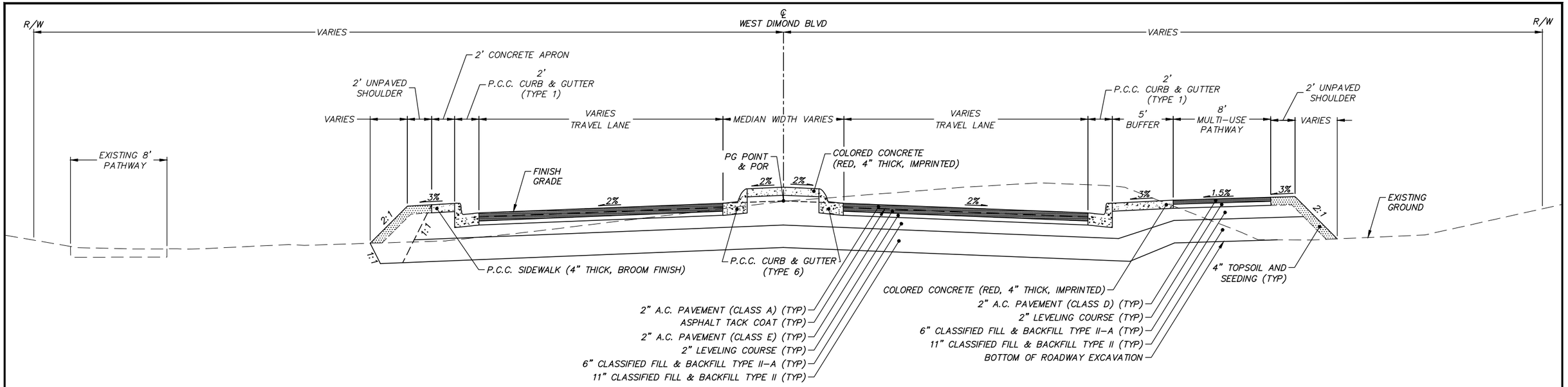
05-05 WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

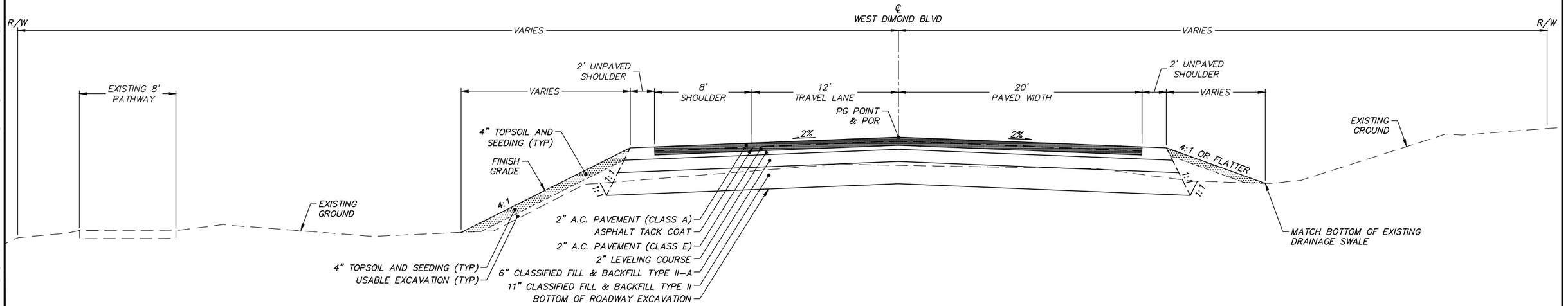
TYPICAL SECTIONS - WEST DIMOND BLVD

SCALE | DATE 1/30/15 | GRID 2323 2324 2423 2424 | SHEET 30 of 106
ACCT. NO.

File Location: Z:\project\1317.01- West Dimond Blvd\Engineering\Acad\1317-D-Typical Sections.dwg
Plotted: 1/30/2015 9:46 AM



WEST DIMOND BOULEVARD – ROUNDABOUT APPROACH
STA 100+47 TO STA 102+14
NTS



WEST DIMOND BOULEVARD
STA 102+14 TO STA 106+20 (EOP)
NTS

95% DESIGN
JANUARY 2015

File Location: Z:\project\1317.01- West Dimond Blvd\Engineering\Acad\1317-D-Typical Sections.dwg
Plotted: 1/30/2015 9:46 AM

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE			TELEPHONE		
TOPOGRAPHY			ELECTRIC		
PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
GAS					

PLAN CHECK

REV	DATE	DESCRIPTION	BY	REV	DATE	DESCRIPTION	BY

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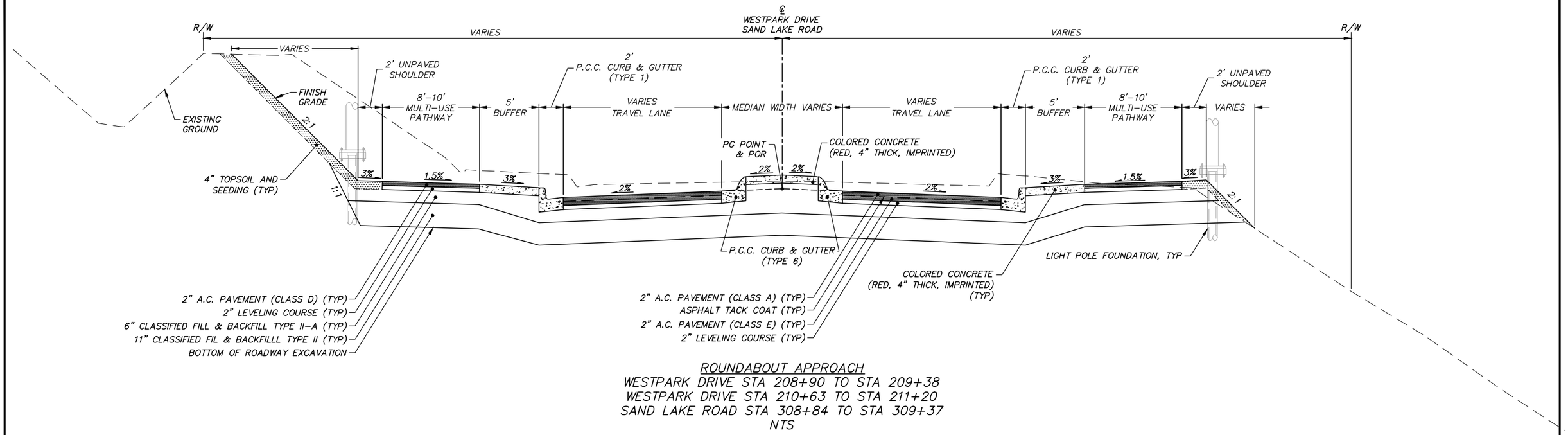
PROJECT MANAGEMENT AND ENGINEERING DIVISION

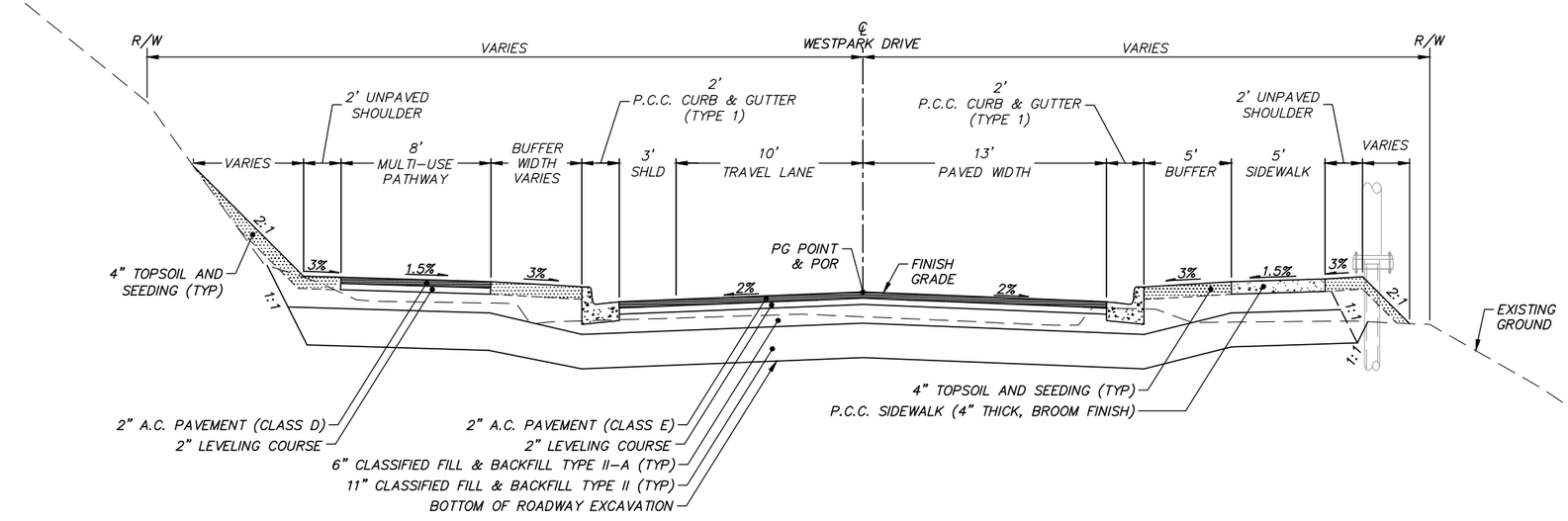
05-05 WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

TYPICAL SECTIONS - WEST DIMOND BLVD

SCALE | DATE 1/30/15 | GRID 2323 2324 2423 2424 | SHEET 31 of 106
ACCT. NO.



ROUNDABOUT APPROACH
WESTPARK DRIVE STA 208+90 TO STA 209+38
WESTPARK DRIVE STA 210+63 TO STA 211+20
SAND LAKE ROAD STA 308+84 TO STA 309+37
NTS



WESTPARK DRIVE
STA 211+20 TO STA 213+60
NTS

95% DESIGN
JANUARY 2015

File Location: Z:\project\1317.01– West Dimond Blvd\Engineering\Acad\1317–D–Typical Sections.dwg
Plotted: 1/30/2015 9:46 AM

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE			TELEPHONE		
TOPOGRAPHY			ELECTRIC		
PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
GAS					
PLAN CHECK					

REV	DATE	DESCRIPTION	BY
REVISIONS			

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PROJECT MANAGEMENT AND ENGINEERING DIVISION

05–05
WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

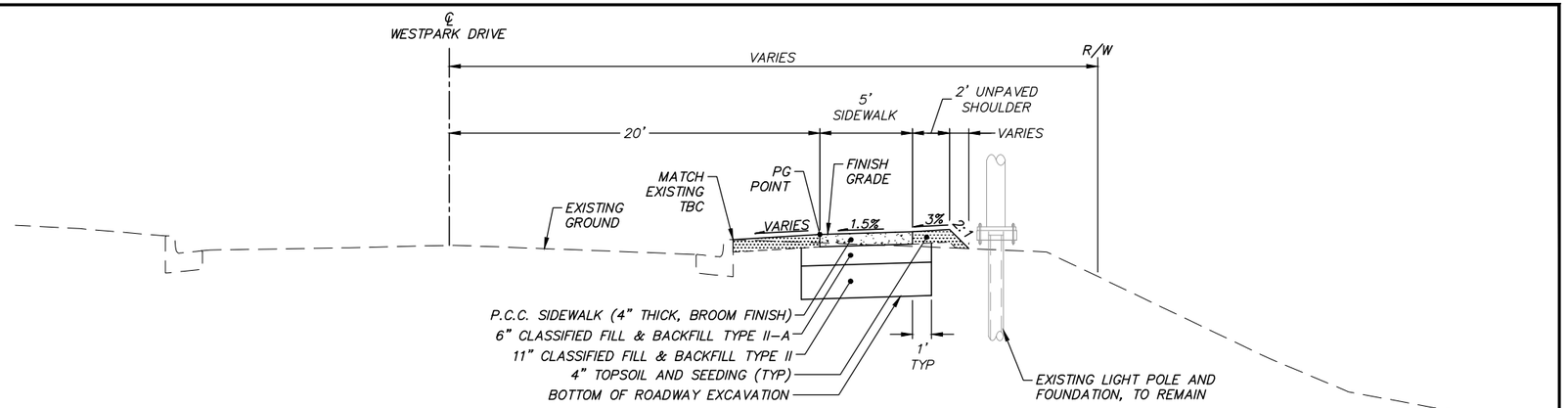
TYPICAL SECTIONS - WESTPARK & SAND LAKE

SCALE

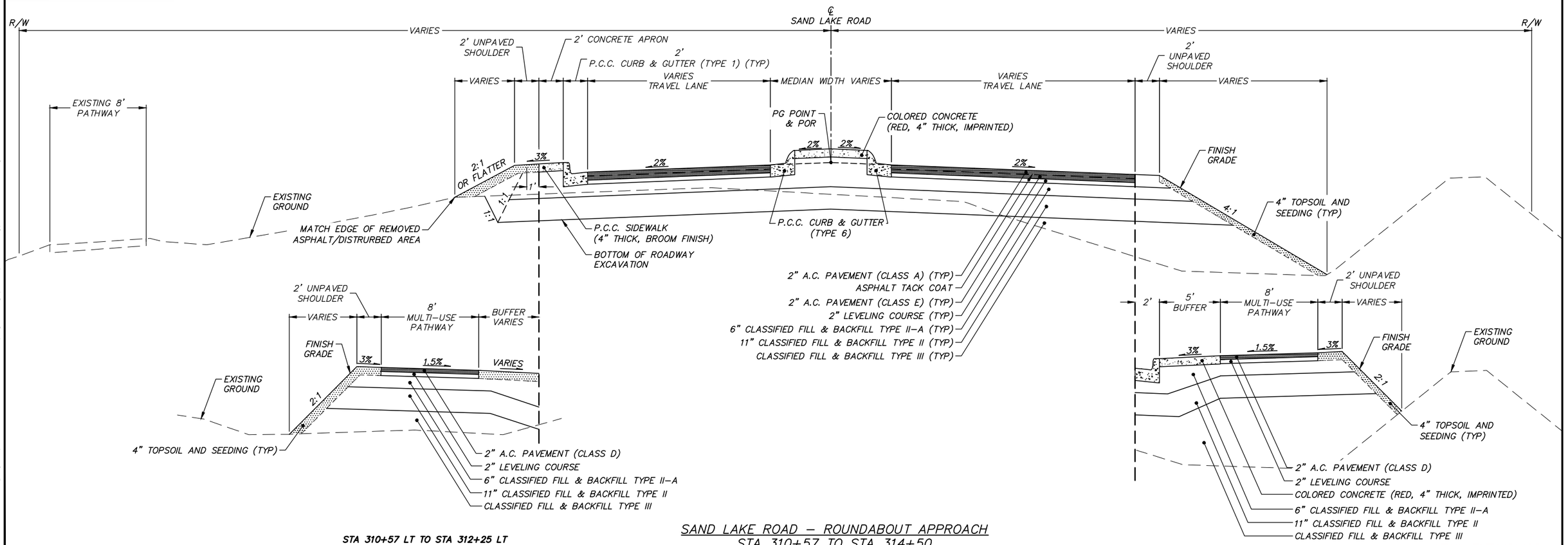
DATE 1/30/15 GRID 2323 2324 2423 2424

ACCT. NO.

SHEET 32 of 106



WESTPARK DRIVE SIDEWALK
STA 213+60 TO STA 217+23
NTS



STA 310+57 LT TO STA 312+25 LT

SAND LAKE ROAD – ROUNDABOUT APPROACH
STA 310+57 TO STA 314+50
NTS

STA 310+57 RT TO STA 311+68 RT

95% DESIGN
JANUARY 2015

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

DATA	DRAWN BY	CHECKED BY
BASE		
TOPOGRAPHY		
PROFILE		
SANITARY SEWER		
STORM SEWER		
WATER		
GAS		

DATA	DRAWN BY	CHECKED BY
TELEPHONE		
ELECTRIC		
CABLE TV		
DESIGN		
QUANTITIES		
MUN. FINAL CHK.		
PLAN CHECK		

REV	DATE	DESCRIPTION	BY

REV	DATE	DESCRIPTION	BY

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05-05

WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

TYPICAL SECTIONS - WESTPARK & SAND LAKE

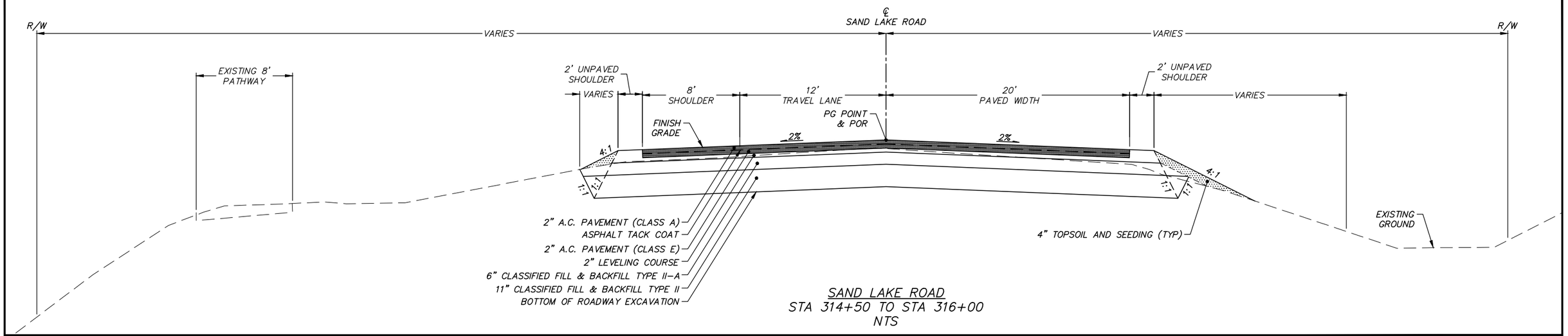
SCALE

DATE 1/30/15 GRID 2323 2324 2423 2424

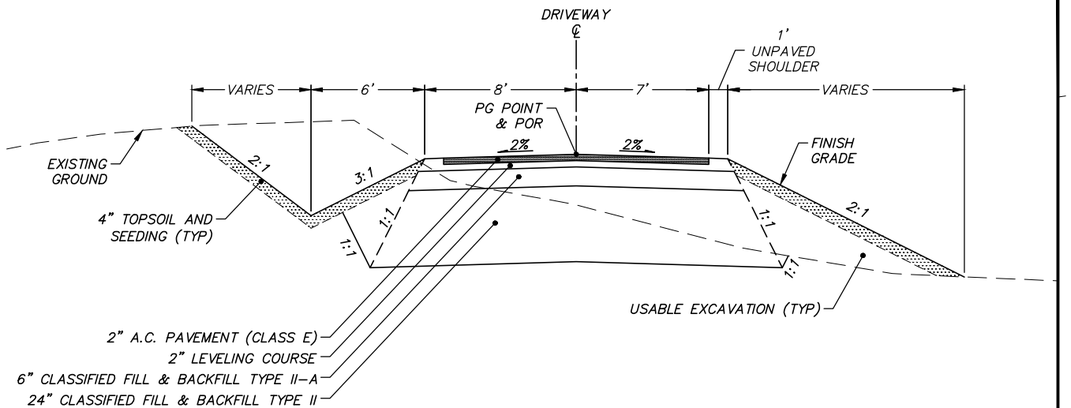
ACCT. NO.

SHEET 33 of 106

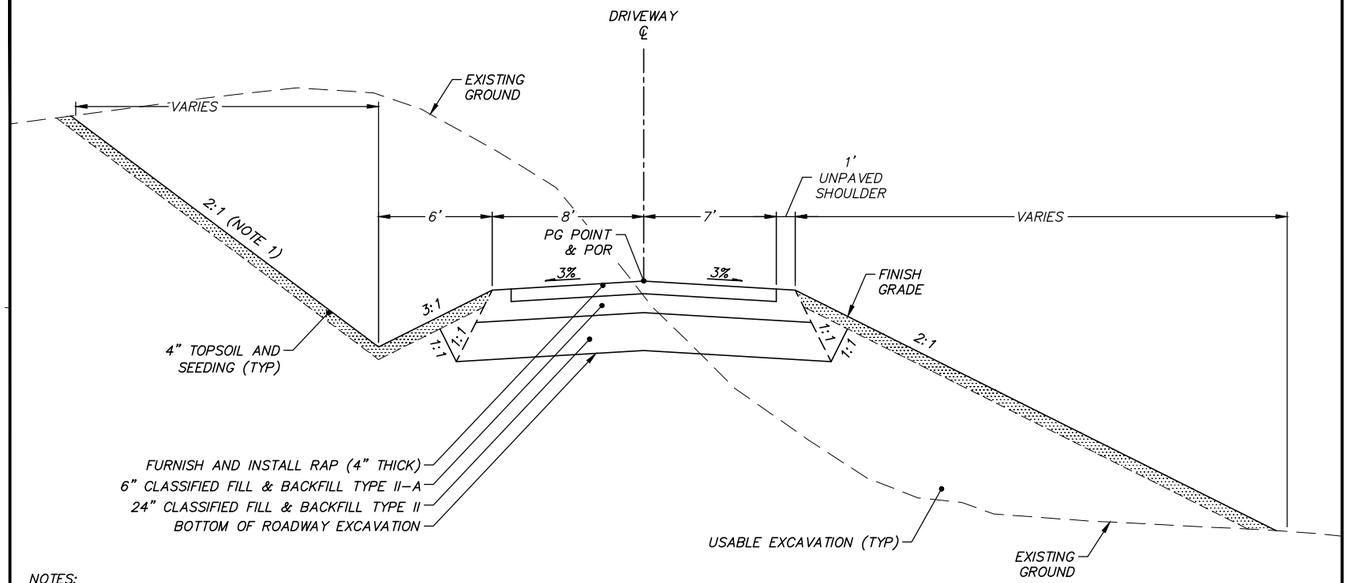
Plotted: 1/30/2015 9:46 AM File Location: Z:\project\1317.01- West Dimond Blvd\Engineering\Acad\1317-D-Typical Sections.dwg



SAND LAKE ROAD
STA 314+50 TO STA 316+00
NTS



PAVED DRIVEWAY
SAND LAKE ROAD STA 307+80 TO STA 308+84
D/W 106 STA 1+00 TO STA 1+75
NTS



NOTES:

1. WESTPARK DRIVE, STA 206+80 TO 207+20: STEEPEN SLOPE TO 1.5:1. LINE SLOPES STEEPER THAN 2:1 WITH SOIL STABILIZATION MATTING (EROSION CONTROL) AS DIRECTED BY THE ENGINEER.

UNPAVED DRIVEWAY
WESTPARK DRIVE STA 206+50 TO STA 208+90
D/W 109 STA 1+38 TO STA 6+21
D/W 110 STA 1+37 TO STA 5+00
D/W 111 STA 1+39 TO STA 5+90
D/W 112 STA 1+39 TO STA 2+40
D/W 113 STA 1+39 TO STA 2+40
NTS

95% DESIGN
JANUARY 2015

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE			TELEPHONE		
TOPOGRAPHY			ELECTRIC		
PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
GAS					
PLAN CHECK					

REV	DATE	DESCRIPTION	BY
REVISIONS			

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05-05 WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

TYPICAL SECTIONS - SAND LAKE & DRIVEWAYS

SCALE

DATE 1/30/15 GRID 2323 2324 2423 2424

ACCT. NO.

SHEET 34 of 106

Plotted: 1/30/2015 9:46 AM File Location: Z:\project\1317.01- West Dimond Blvd\Engineering\Acad\1317-D-Typical Sections.dwg

BEGIN PROJECT
STA 75+40.00
N = 312111.10
E = 328996.99

PI = STA 76+32.42
N = 312070.05
E = 329079.83
Δ = 6°51'48"
R = 4200.00
T = 251.86
L = 503.12
e = 2%
RUNOUT = 41
RUNOFF = 41
% RUNOFF = 33

TRACT 3

W DIMOND BLVD

74+00 75+00 76+00 77+00 78+00

TB-9 TB-8

100 101 102 103 104 105

MB

GATE

TRACT 6 TRACT 5

P5 P6

TCE

MATCH LINE WEST DIMOND BOULEVARD STA. 78+60
SHEET 36

GENERAL PLAN & PROFILE NOTES:

1. SEE TABLE ON SHEET 47 FOR STORM DRAIN STRUCTURE INFORMATION.
2. SEE TABLE ON SHEET 48 FOR STORM DRAIN PIPE AND CULVERT INFORMATION.
3. SEE TABLES ON SHEET 49 FOR PAVEMENT LAYOUT/GRADING INFORMATION.
4. CURB RAMPS SHALL BE CONSTRUCTED PER MASS DETAIL 30-8, UNLESS OTHERWISE NOTED.

ROADWAY SUPERELEVATION

+5% 0% -5%

STA 75+40: ME, +1.41%± RT
STA 76+40 +2.0% RT
STA 76+40
STA 75+40: ME, -4.02%± LT -2.0% LT

135 130 125 120 115 110

-7.29%

BVCS: 75+42.50
BVCE: 130.39

LOW POINT ELEV = 113.34
LOW POINT STA = 80+10.53
PVI STA = 79+05.00
PVI ELEV = 103.98
K = 64.2
725.00' VC

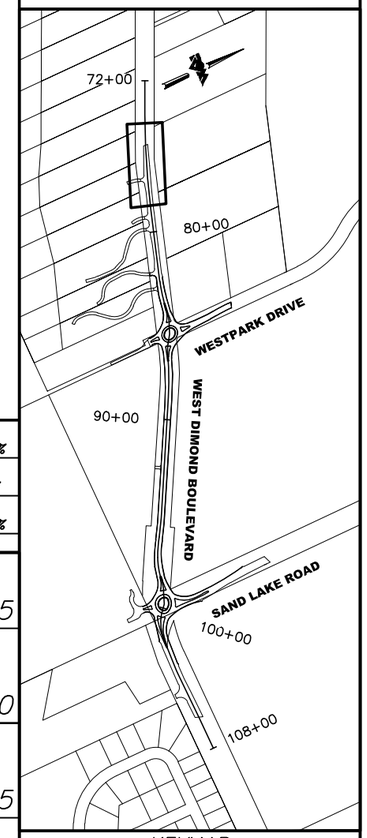
BEGIN PROJECT
STA 75+40.00
ELEV. 130.6±
MATCH EXISTING

PROFILE GRADE
EXISTING GROUND
BOTTOM OF ROADWAY EXCAVATION
1" GAS

74+00 75+00 76+00 77+00 78+00 78+60

BEFORE YOU DIG
CALL FOR FREE
UNDERGROUND
LOCATION

LOCATE CALL CENTER OF ALASKA STATEWIDE ..... 800-478-3121 WILL NOTIFY SUBSCRIBED UTILITIES ONLY. OTHER UTILITIES NEED TO BE CONTACTED INDIVIDUALLY.



KEYMAP

95% DESIGN
JANUARY 2015

0 20 40
SCALE IN FEET

File Location: Z:\project\1317.01- West Dimond Blvd\Engineering\Acad\1317-E-P&Ps.dwg
Plotted: 1/30/2015 9:48 AM

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE			TELEPHONE		
TOPOGRAPHY			ELECTRIC		
PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
GAS					
PLAN CHECK					

REV	DATE	DESCRIPTION	BY	REV	DATE	DESCRIPTION	BY
REVISIONS							

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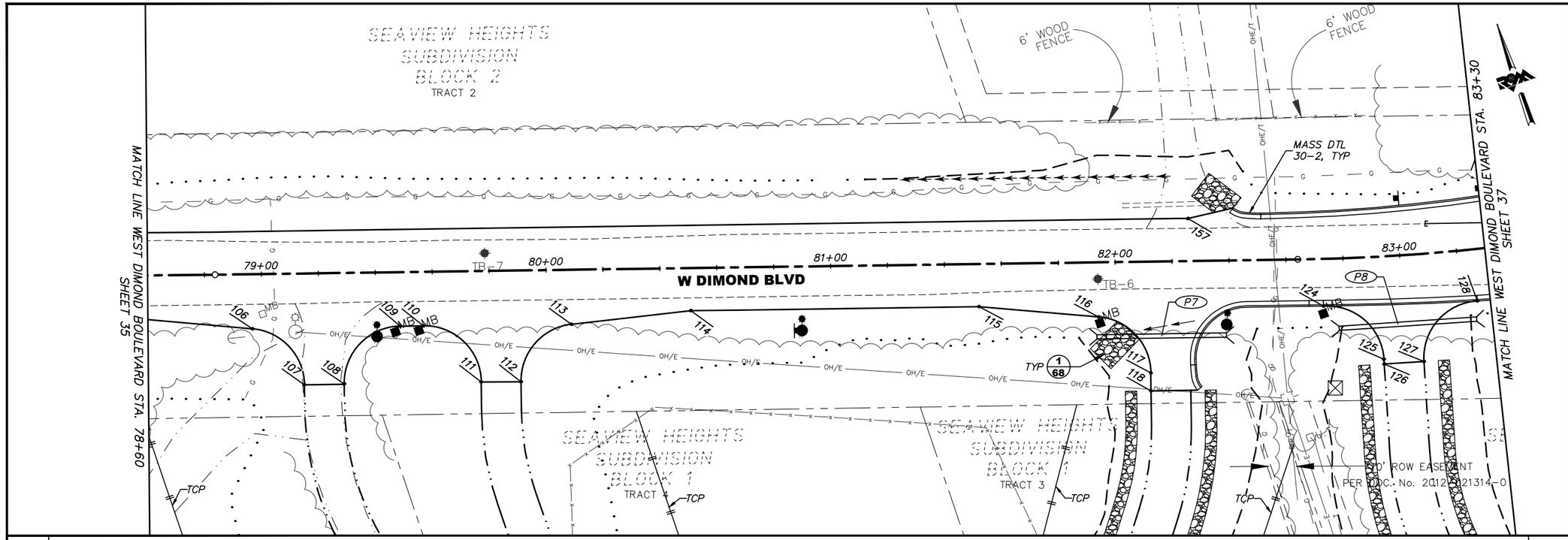
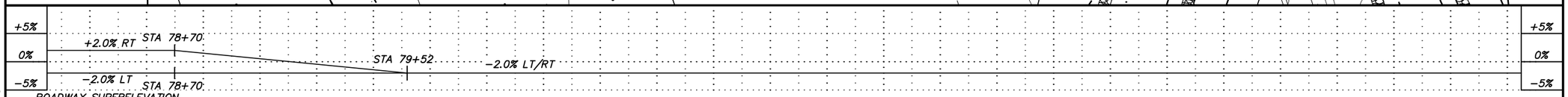
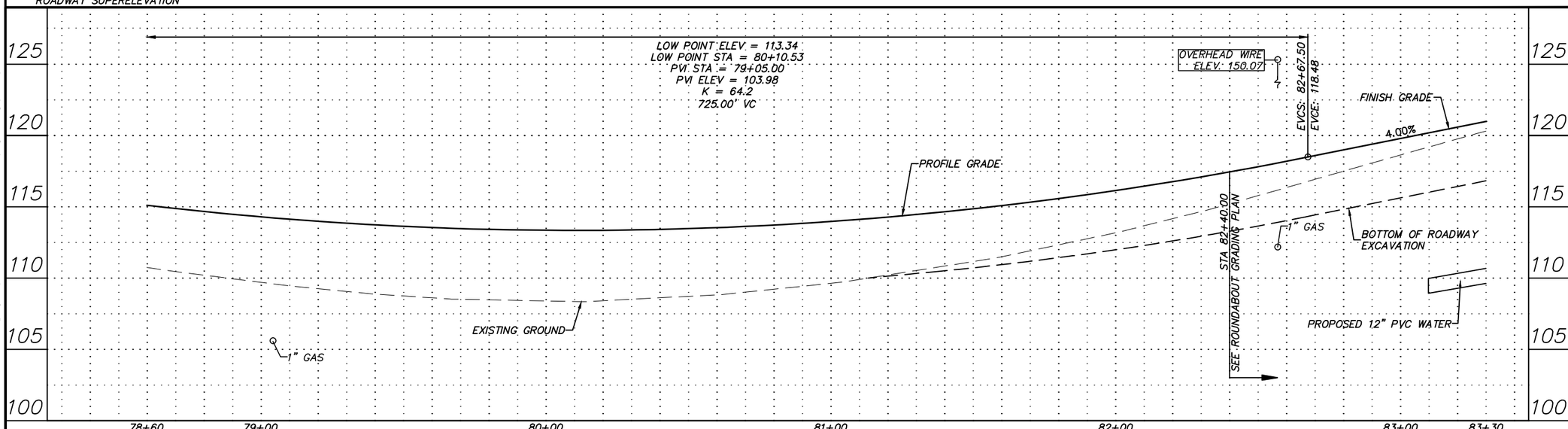
PROJECT MANAGEMENT AND ENGINEERING DIVISION

05-05
WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD
PLAN AND PROFILE
WEST DIMOND BLVD - BOP TO STA 78+60

SCALE 1:20 H 1:4 V | DATE 1/30/15 | GRID 2323 2324 2423 2424 | ACCT. NO. | SHEET 35 of 106







BEFORE YOU DIG CALL FOR FREE UNDERGROUND LOCATION

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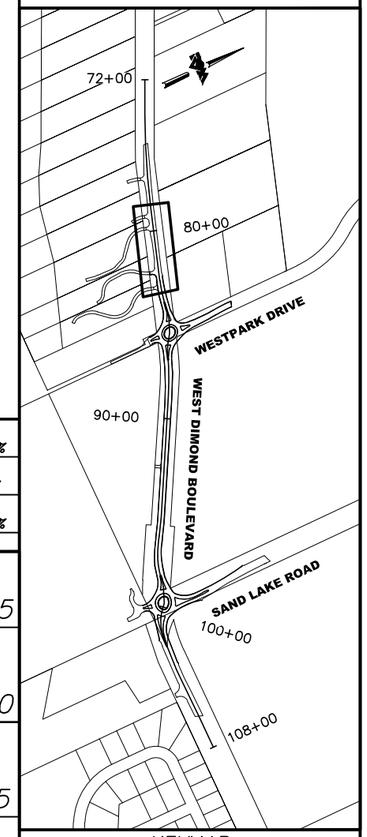

KEYMAP

95% DESIGN
JANUARY 2015

0 20 40
SCALE IN FEET

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE			TELEPHONE		
TOPOGRAPHY			ELECTRIC		
PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
GAS					

PLAN CHECK

REV	DATE	DESCRIPTION	BY	REV	DATE	DESCRIPTION	BY

REVISIONS

R&M Consultants, Inc.
9101 Vanguard Drive
Anchorage, Alaska 99507
907 522 1707 voice
907 522 3404 fax
www.rmconsult.com

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STATE OF ALASKA 49TH — Marc Frutiger No. CE 11889 — REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DIVISION

05-05

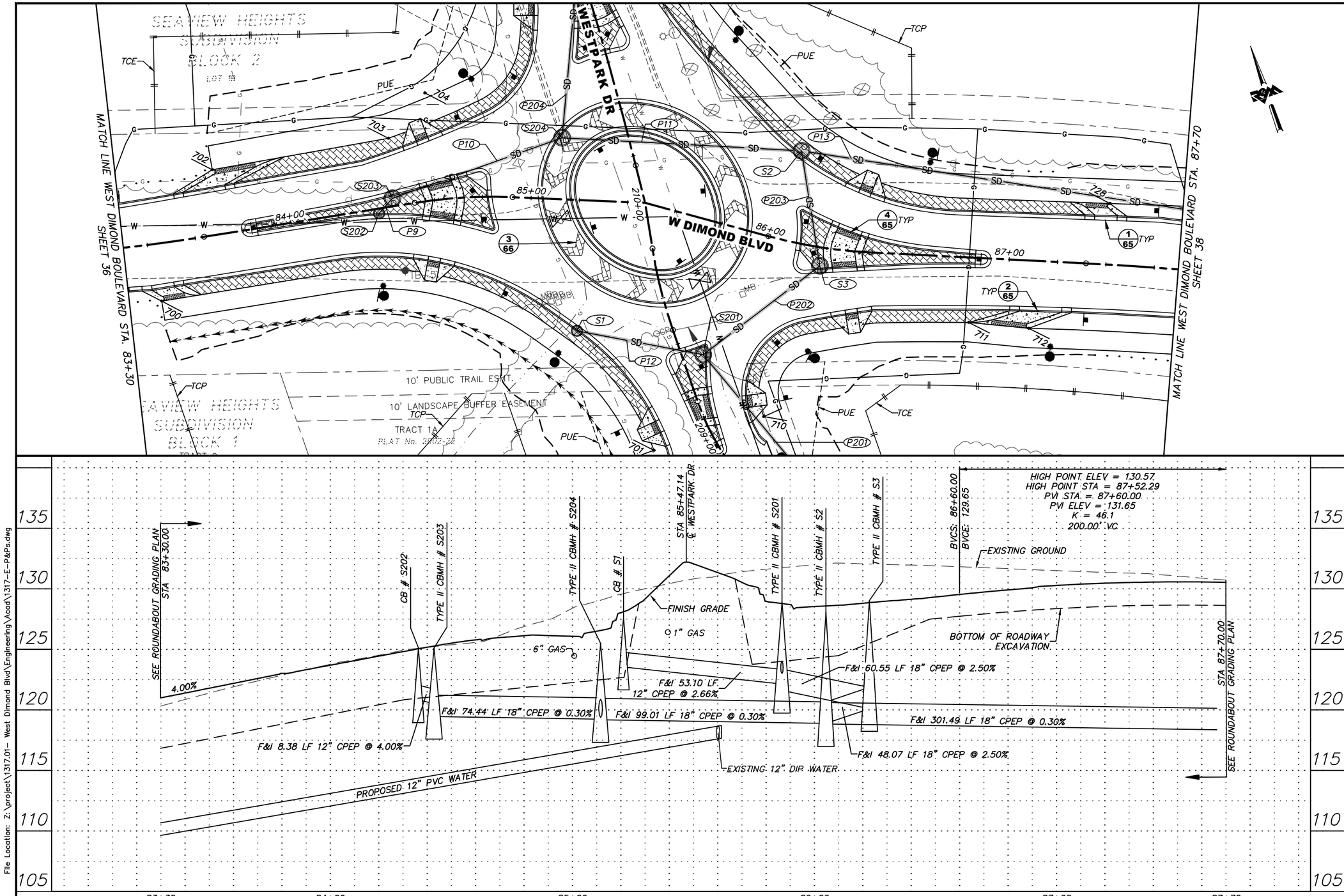
WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

PLAN AND PROFILE
WEST DIMOND BLVD - STA 78+60 TO STA 83+30

SCALE 1:20 H 1:4 V | DATE 1/30/15 | GRID 2323 2324 2423 2424 | ACCT. NO. | SHEET 36 of 106

File Location: Z:\project\1317.01- West Dimond Blvd\Engineering\Acad\1317-E-P&Ps.dwg

Plotted: 1/30/2015 9:48 AM



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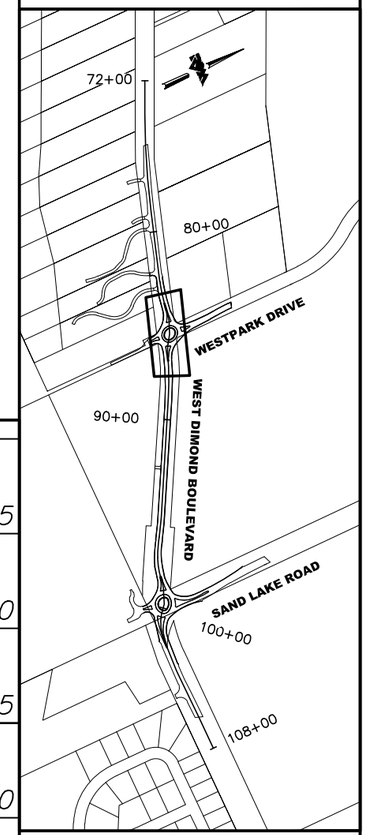

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PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
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PLAN CHECK					

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05-05 WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

PLAN AND PROFILE
WEST DIMOND BLVD - STA 83+30 TO STA 87+70

SCALE 1:20 H 1:4 V | DATE 1/30/15 | GRID 2323 2324 2423 2424 | SHEET 37 of 106 | ACCT. NO.

File Location: Z:\project\1317.01- West Dimond Blvd\Engineering\Acad\1317-E-P&Ps.dwg
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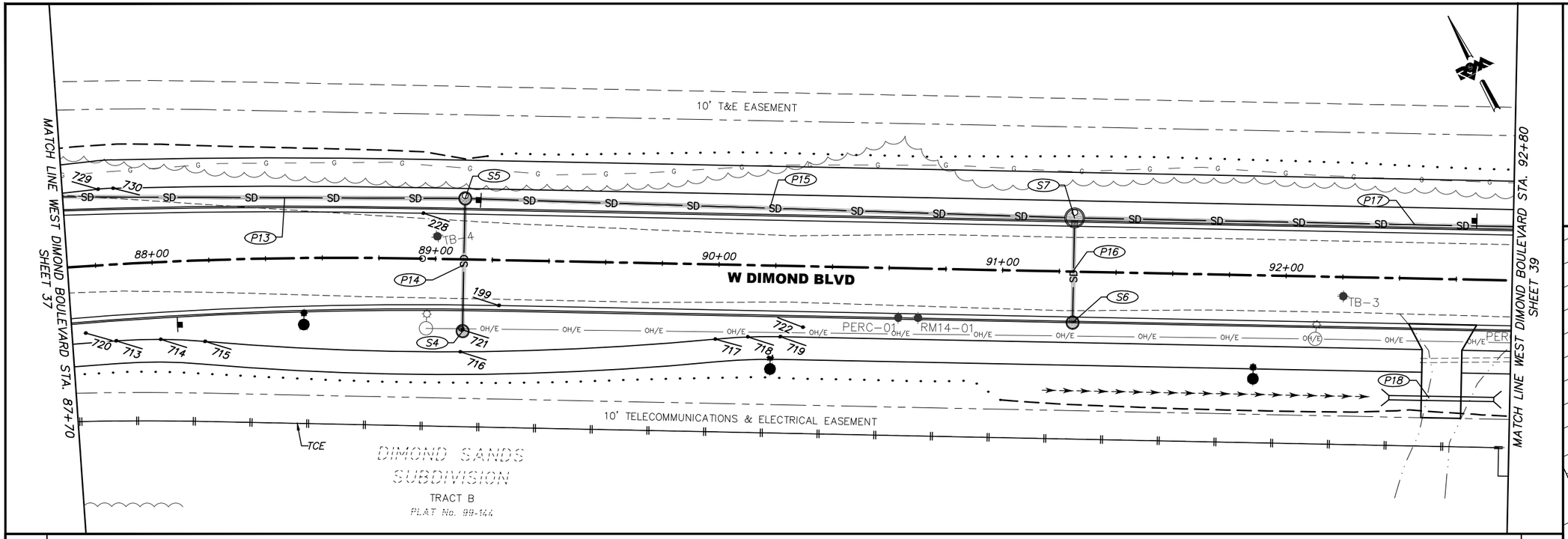

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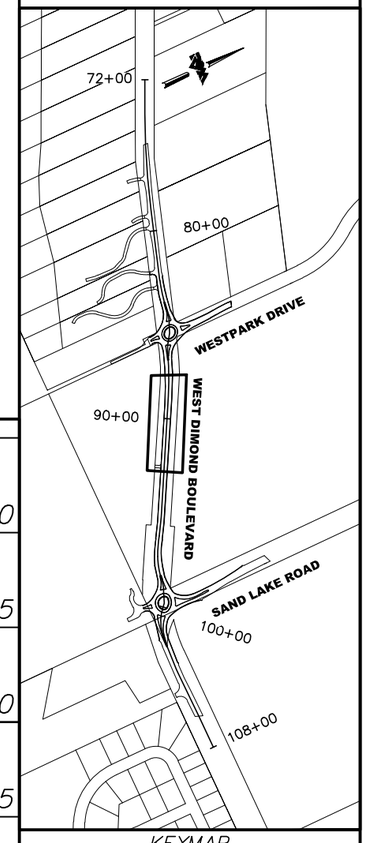

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DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE			TELEPHONE		
TOPOGRAPHY			ELECTRIC		
PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
GAS					

PLAN CHECK

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PROJECT MANAGEMENT AND ENGINEERING DIVISION

05-05
WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD
PLAN AND PROFILE
WEST DIMOND BLVD - STA 87+70 TO STA 92+80

SCALE	1:20 H 1:4 V	DATE	1/30/15	GRID	2323 2324 2423 2424	SHEET	38 of 106
		ACCT. NO.					

15' CEA RIGHT OF WAY EASEMENT
PER DOC No. 2012-056599-0

10' T&E EASEMENT

FORCE MAIN

F&I 4" INSULATION BOARD (R-20)

SHEET 38
MATCH LINE WEST DIMOND BOULEVARD STA. 92+80

SHEET 40
MATCH LINE WEST DIMOND BOULEVARD STA. 97+60

W DIMOND BLVD

TB-2

RM14-02

RM14-03 PERC-03

10' TELECOMMUNICATIONS & ELECTRICAL EASEMENT

TCE

TCP

DIAMOND SANDS
SUBDIVISION
TRACT B
PLAT No. 99-144

SONOMA GLEN AT WE

LOW POINT ELEV = 120.82
LOW POINT STA = 96+03.56
PVI STA = 95+95.00
PVI ELEV = 120.67
K = 82.2
100.00' VC

BVCS: 95+45.00
BVCE: 121.03

EVCS: 96+45.00
EVCE: 120.92

TYPE II CBMH # S9

TYPE III SDMH # S11

TYPE II SDMH # S12
DROP CONNECTION P19

TYPE II CBMH # S17

TYPE II SDMH # S21

SEE ROUNDABOUT GRADING PLAN STA. 96+80.00

PROFILE GRADE

-0.71%

EXISTING GROUND

FINISH GRADE

0.50%

F&I 240.00 LF 18" CPEP @ 0.30%

F&I 70.73 LF 18" CPEP @ 0.30%

BOTTOM OF ROADWAY EXCAVATION

F&I 4" INSULATION BOARD (R-20)

EXISTING 8" DIP SS FORCE MAIN

16" DIP SANITARY

F&I 169.37 LF 18" CPEP @ 0.30%

F&I 177.73 LF 18" CPEP @ 0.93%

12" DIP WATER

F&I 55.98 LF 18" CPEP @ 0.30%

PROPOSED 12" PVC WATER

INFILTRATION SYSTEM
SEE DETAILS SHEETS 69 & 70, TYP

130 125 120 115 110 105 100

92+80 93+00 94+00 95+00 96+00 97+00 97+60

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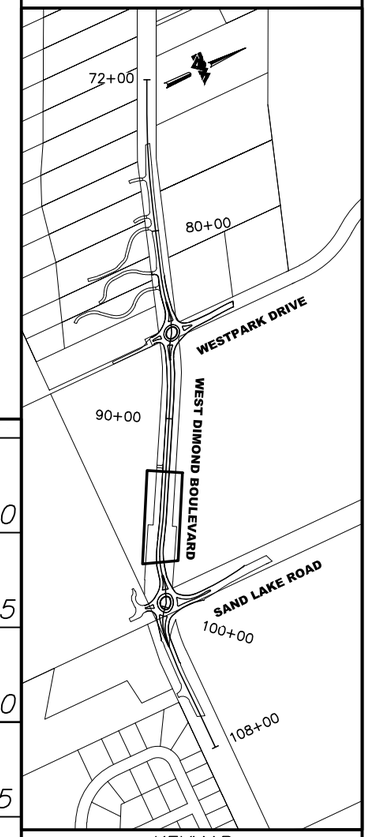

KEYMAP

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JANUARY 2015

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STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

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TOPOGRAPHY			ELECTRIC		
PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
GAS					
PLAN CHECK					

REV	DATE	DESCRIPTION	BY	REV	DATE	DESCRIPTION	BY
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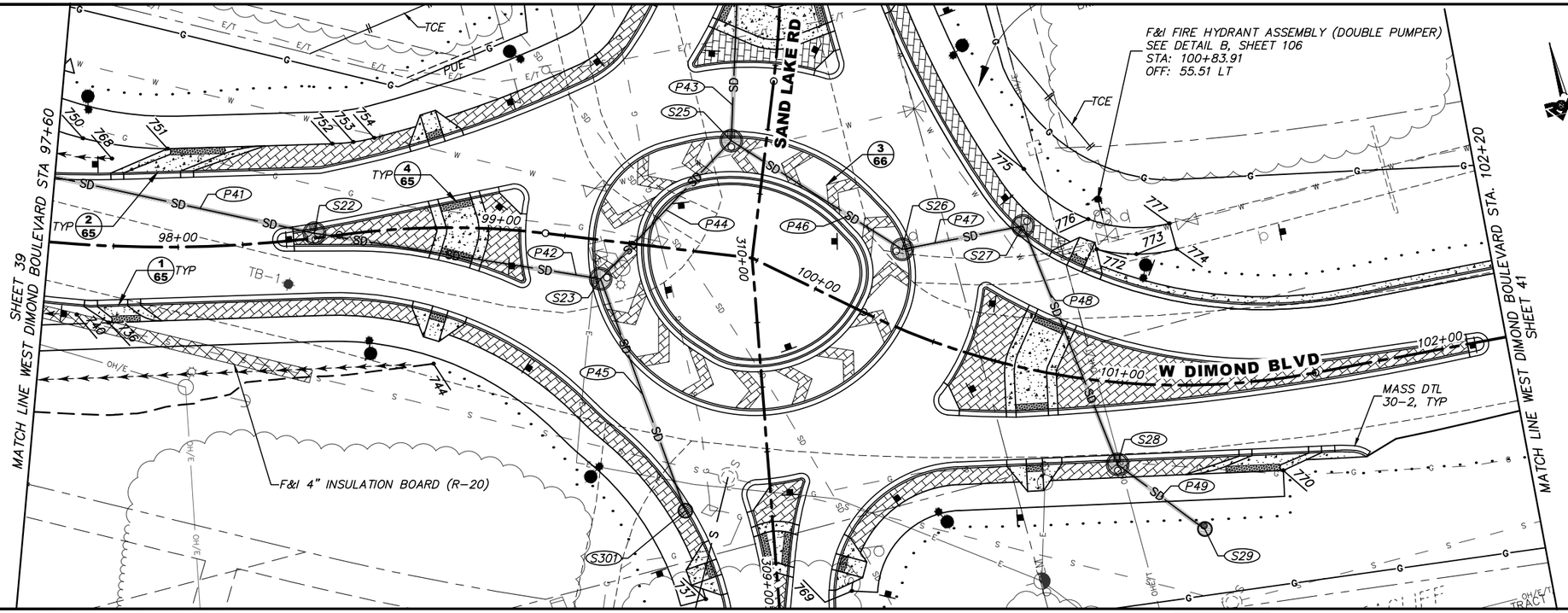
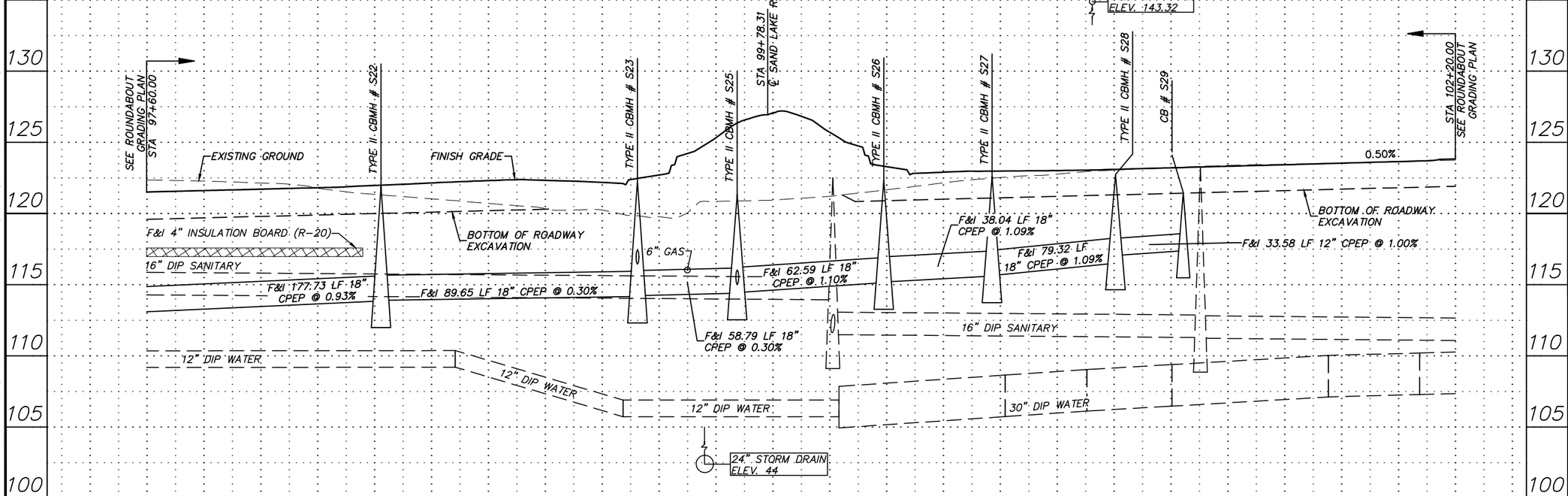
05-05
WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

PLAN AND PROFILE
WEST DIMOND BLVD - STA 92+80 TO STA 97+60

SCALE 1:20 H 1:4 V | DATE 1/30/15 | GRID 2323 2324 2423 2424 | ACCT. NO. | SHEET 39 of 106





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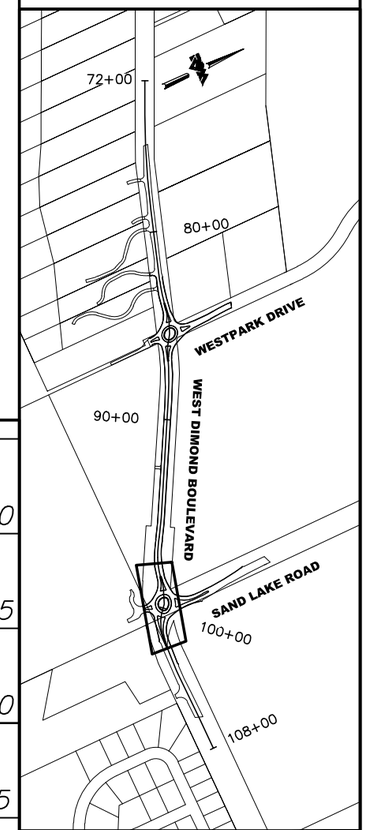

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STAKING			
ASBUILT			
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INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE			TELEPHONE		
TOPOGRAPHY			ELECTRIC		
PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
GAS					
PLAN CHECK					

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05-05 WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

PLAN AND PROFILE
WEST DIMOND BLVD - STA 97+60 TO STA 102+20

SCALE 1:20 H 1:4 V | DATE 1/30/15 | GRID 2323 2324 2423 2424 | SHEET 40 of 106 | ACCT. NO.

SW1/4 SW1/4 SEC. 10

P50

1/65

MASS DTL 30-2

SHEET 40

MATCH LINE WEST DIMOND BOULEVARD STA 102+20

W DIMOND BLVD

103+00 104+00 105+00 106+00 107+00

362 363 364 324 325 326 327 328 329

END PROJECT
STA 106+20.00
N = 311083.85
E = 331849.82

OH/E/T/TV

CHUGACH ELECTRIC ASSOC

10' UTILITY EASEMENT

OVERHEAD WIRE
APPROX ELEV. 140.3

LOW POINT ELEV = 124.18
LOW POINT STA = 102+90.00
PVI STA = 103+00.00
PVI ELEV = 124.23
K = 78.0
20.00' VC

BVCS: 102+90.00
BVCE: 124.18
EVCS: 103+10.00
EVCE: 124.30

END PROJECT
STA 106+20.00
ELEV. 126.7±
MATCH EXISTING

FINISH GRADE
0.50%
PROFILE GRADE
0.76%
EXISTING GROUND
BOTTOM OF ROADWAY EXCAVATION

SEE ROUNDABOUT GRADING PLAN STA 103+20.00

16" DIP SANITARY
24" RCP SANITARY
24" RCP SANITARY
30" DIP WATER

135 130 125 120 115 110 105

102+20 103+00 104+00 105+00 106+00 106+60

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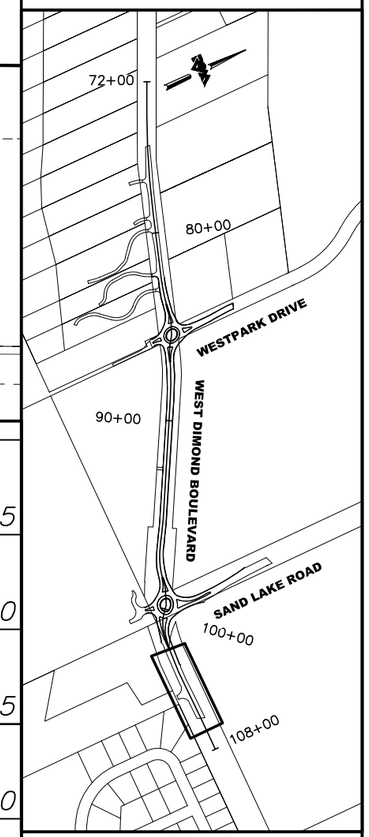

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PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
GAS					
PLAN CHECK					

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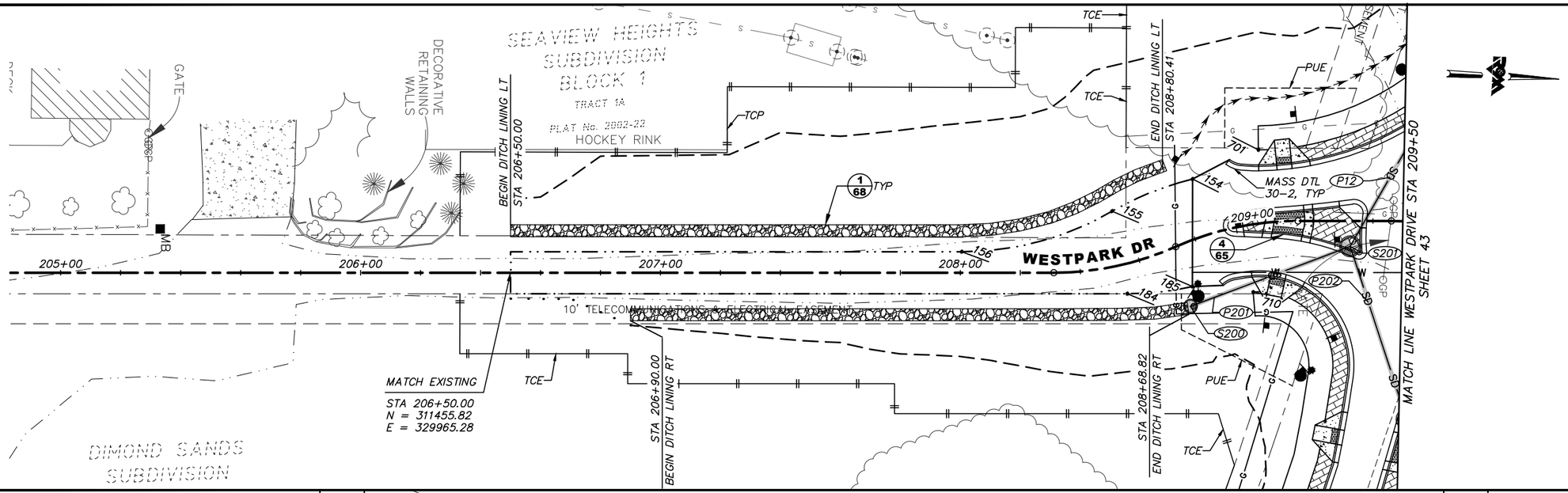
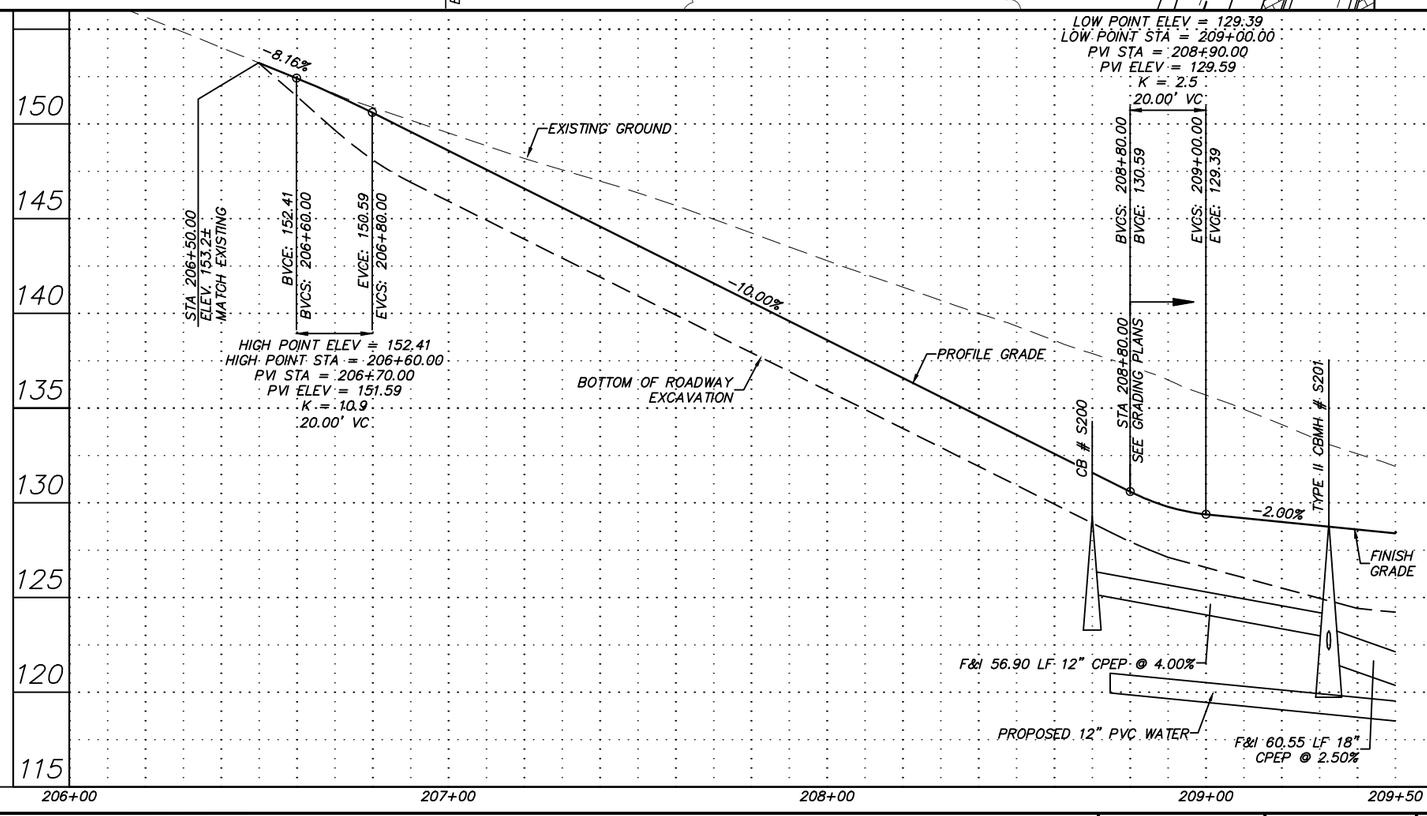
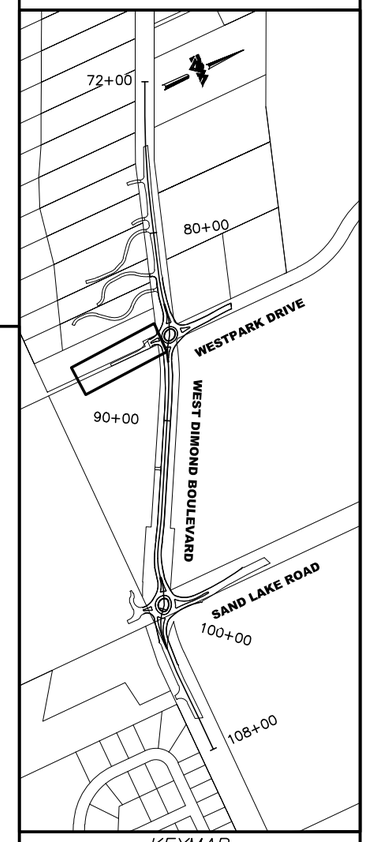
WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

PLAN AND PROFILE
WEST DIMOND BLVD - STA 102+20 TO EOP

SCALE 1:20 H 1:4 V | DATE 1/30/15 | GRID 2323 2324 2423 2424 | ACCT. NO. | SHEET 41 of 106







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TOPOGRAPHY		
PROFILE		
SANITARY SEWER		
STORM SEWER		
WATER		
GAS		
PLAN CHECK		

DATA	DRAWN BY	CHECKED BY
TELEPHONE		
ELECTRIC		
CABLE TV		
DESIGN		
QUANTITIES		
MUN. FINAL CHK.		

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05-05
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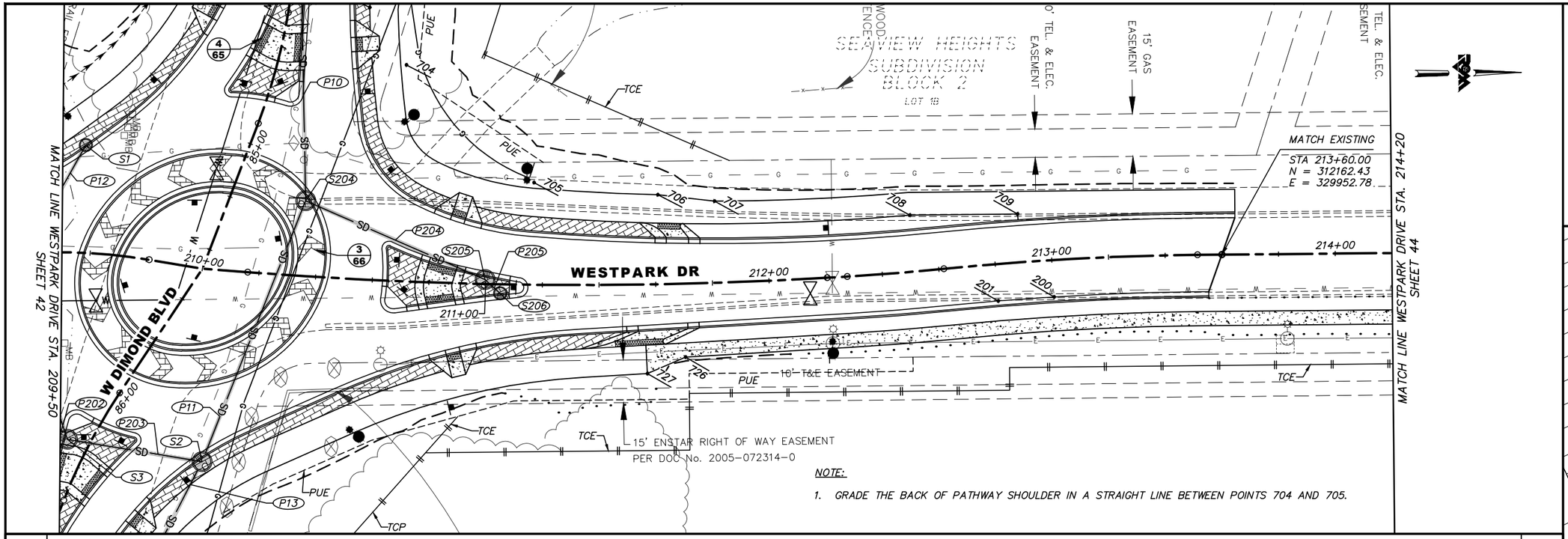
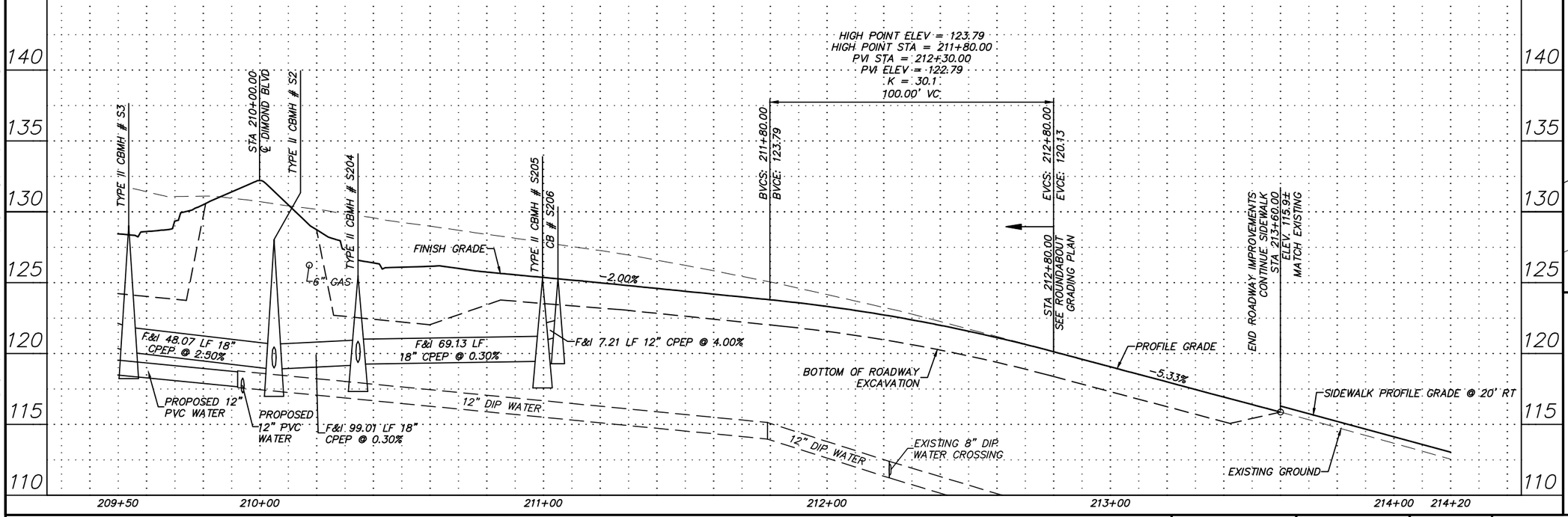
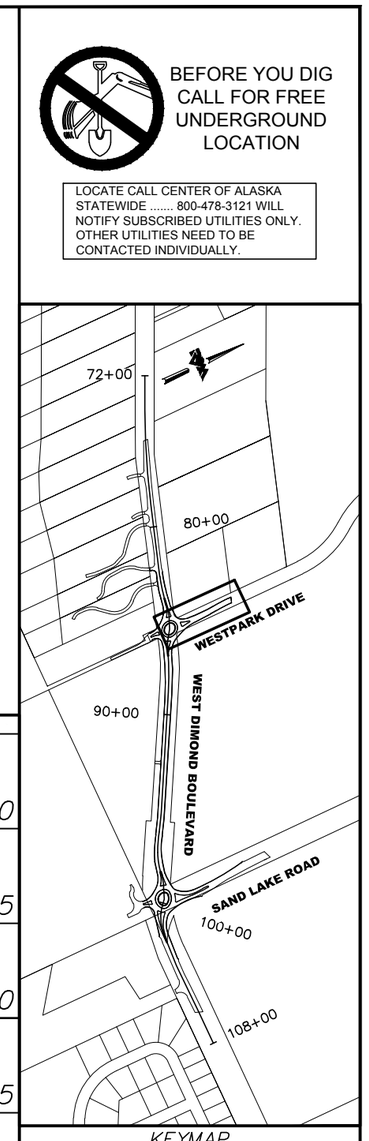
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

PLAN AND PROFILE
WESTPARK DRIVE - STA 206+50 TO STA 209+50

SCALE 1:20 H 1:4 V | DATE 1/30/15 | GRID 2323 2324 2423 2424 | ACCT. NO. | SHEET 42 of 106







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BASE			TELEPHONE		
TOPOGRAPHY			ELECTRIC		
PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
GAS					
PLAN CHECK					

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05-05
WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD
PLAN AND PROFILE
WESTPARK DRIVE - STA 209+50 TO STA 214+20

SCALE	DATE	GRID	SHEET
1:20 H 1:4 V	1/30/15	2323 2324 2423 2424	43 of 106
	ACCT. NO.		

MATCH LINE WESTPARK DRIVE STA. 214+20
SHEET 43

LOT 1A

215+00 216+00 WESTPARK DR 217+00 218+00

723 725 724

TCE TCE

DRY CREEK LOOP

15' ENSTAR RIGHT OF WA
PER DOC No. 2005-07231

SIDEWALK PROFILE GRADE @ 20' RT

-5.44%

EXISTING GROUND @ 20' RT

PVI STA: 217+23.00
96.54

12" DIP WATER

8" DIP WATER CROSSING

12" DIP WATER

4" GAS

ELEC

115 110 105 100 95 90 85

214+20 215+00 216+00 217+00 218+00 219+00

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LOCATION

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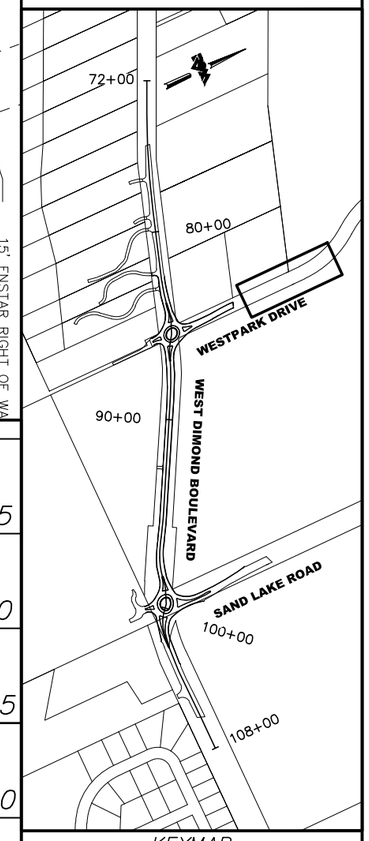

KEYMAP

95% DESIGN
JANUARY 2015

0 20 40
SCALE IN FEET

File Location: Z:\project\1317.01- West Dimond Blvd\Engineering\Acad\1317-E-P&Ps.dwg
Plotted: 1/30/2015 9:51 AM

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE			TELEPHONE		
TOPOGRAPHY			ELECTRIC		
PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
GAS					
PLAN CHECK					

REV	DATE	DESCRIPTION	BY

REVISIONS

R&M Consultants, Inc.
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Anchorage, Alaska 99507
907 522 1707 voice
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STATE OF ALASKA 49TH
Marc Frutiger
No. CE 11889
REGISTERED PROFESSIONAL ENGINEER

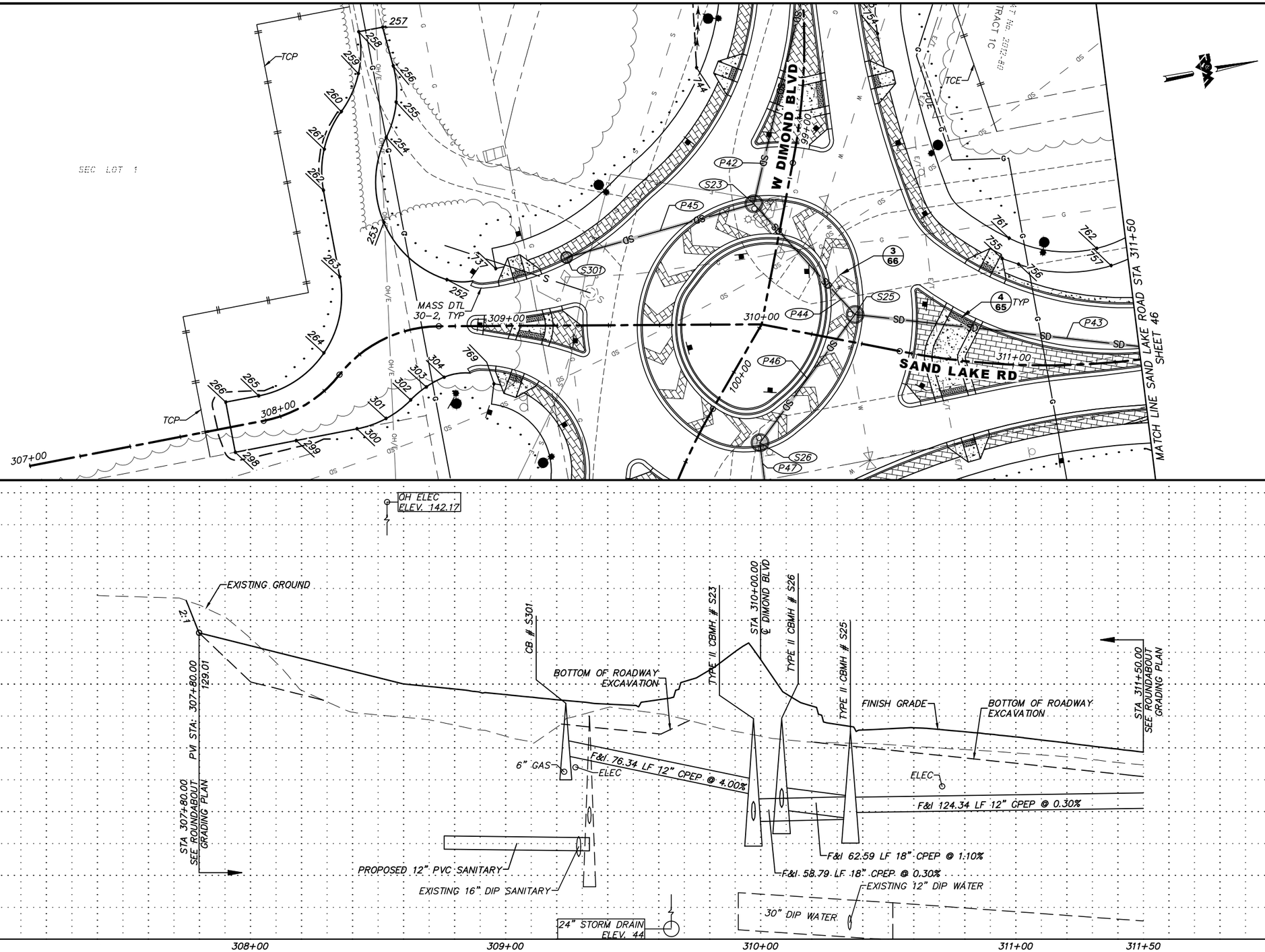
SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DIVISION

05-05
WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD
PLAN AND PROFILE
WESTPARK DRIVE - STA 214+20 TO STA 217+23

SCALE 1:20 H 1:4 V | DATE 1/30/15 | GRID 2323 2324 2423 2424 | SHEET 44 of 106 | ACCT. NO.



BEFORE YOU DIG
CALL FOR FREE
UNDERGROUND
LOCATION

LOCATE CALL CENTER OF ALASKA
STATEWIDE ..... 800-478-3121 WILL
NOTIFY SUBSCRIBED UTILITIES ONLY.
OTHER UTILITIES NEED TO BE
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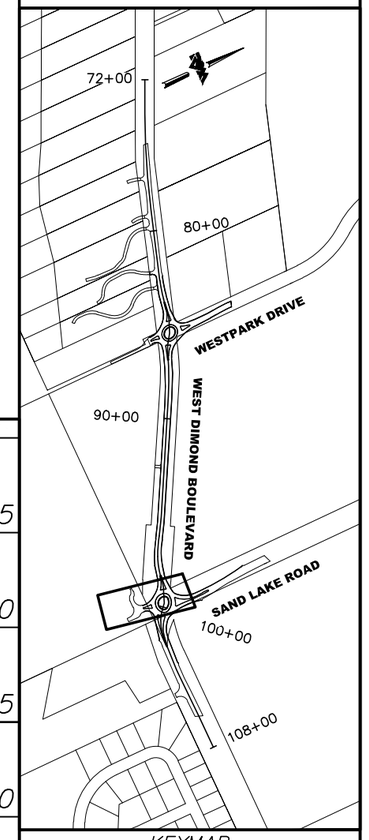

KEYMAP

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SCALE IN FEET

File Location: Z:\project\1317.01- West Dimond Blvd\Engineering\Acad\1317-E-P&Ps.dwg
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FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE			TELEPHONE		
TOPOGRAPHY			ELECTRIC		
PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
GAS					
PLAN CHECK					

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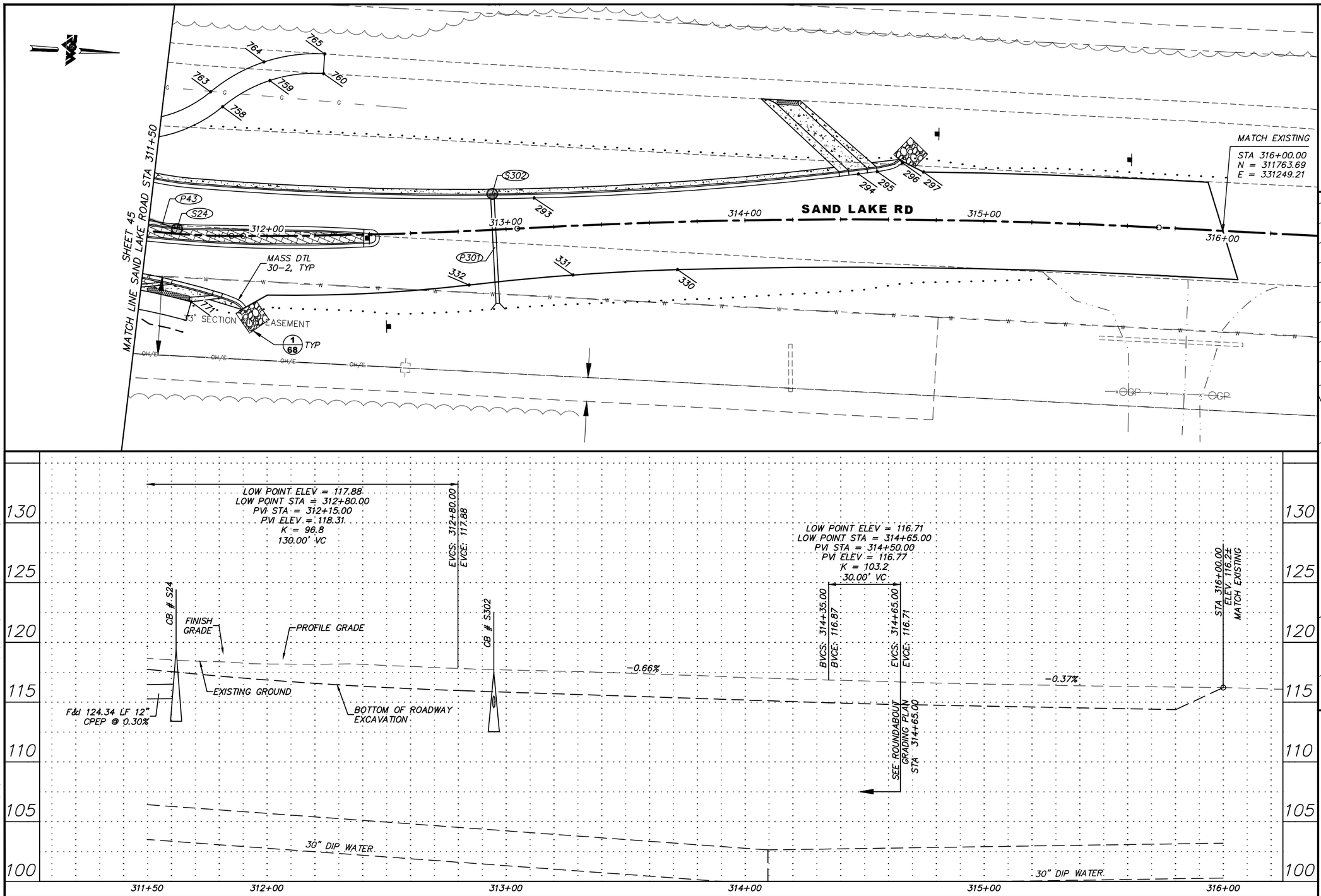
ENGINEERING DIVISION

05-05
WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

PLAN AND PROFILE
SAND LAKE ROAD - STA 307+80 TO STA 311+50

SCALE	DATE	GRID	SHEET
1:20 H 1:4 V	1/30/15	2333 2324 2423 2424	45 of 106
	ACCT. NO.		



BEFORE YOU DIG CALL FOR FREE UNDERGROUND LOCATION

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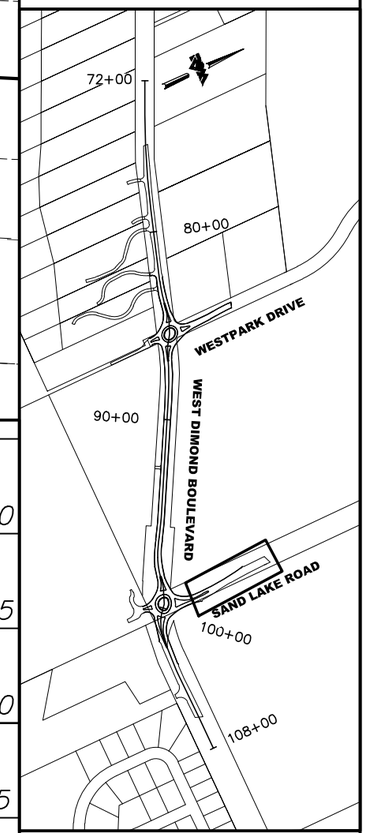

KEYMAP

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JANUARY 2015

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SCALE IN FEET

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
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TOPOGRAPHY			ELECTRIC		
PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
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PROJECT MANAGEMENT AND ENGINEERING DIVISION

05-05
WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD
PLAN AND PROFILE
SAND LAKE ROAD - STA 311+50 TO STA 316+00

SCALE 1:20 H 1:4 V | DATE 1/30/15 | GRID 2323 2324 2423 2424 | SHEET 46 of 106 | ACCT. NO.

File Location: Z:\project\1317.01- West Dimond Blvd\Engineering\Acad\1317-E-P&Ps.dwg
Plotted: 1/30/2015 9:52 AM

55.05 – STORM DRAIN STRUCTURES

SHEET	NO.	TYPE	STATION	OFFSET	RIM/ LIP OF CURB ELEVATION	INVERTS	REMARKS
37	S1	CB	85+21.24	54.03 RT	127.65	P12=123.60	TYPE I CURB INLET @ STA: 85+21.26, OFF: 53.99' RT
37	S2	TYPE II CBMH	86+04.82	37.53 LT	128.03	P11=119.03 P13=118.96 P203=119.10	TYPE I CURB INLET @ STA: 86+04.35, OFF: 36.67' LT
37	S3	TYPE II CBMH	86+22.77	7.63 RT	129.03	P202=120.30 P203=120.15	EXPRESSWAY CURB INLET @ STA: 86+22.95, OFF: 8.55' RT
38	S4	CB	89+10.00	25.31 RT	126.72	P14=122.64	BEEHIVE INTAKE COVER @ STA: 89+09.50, OFF: 24.40' RT
38	S5	TYPE I SDMH	89+10.00	21.50 LT	128.39	P15=118.01 P13=118.07 P14=120.93	SOLID COVER
38	S6	CB	91+25.00	18.04 RT	123.70	P16=119.62	TYPE I CURB INLET @ STA: 91+25.00, OFF: 18.00' RT
38	S7	TYPE II CBMH	91+25.00	18.94 LT	123.70	P16=118.34 P15=117.38 P17=117.31	TYPE I CURB INLET @ STA: 91+25.00, OFF: 18.00' LT
39	S8	CB	93+65.00	18.04 RT	121.99	P20=117.94	TYPE I CURB INLET @ STA: 93+65.00, OFF: 18.00' RT
39	S9	TYPE II CBMH	93+65.00	18.94 LT	121.99	P17=116.61 P19=116.54 P20=117.17	TYPE I CURB INLET @ STA: 93+65.00, OFF: 18.00' LT
39	S10	OGS	94+21.48	12.29 RT	121.65	P32=110.89 P21=110.82	SOLID COVERS, SEE DETAIL 4, SHEET 66
39	S11	TYPE III 96" SDMH	94+27.00	23.12 RT	122.04	P33=110.80 P21=110.81	SOLID COVER
39	S12	TYPE II SDMH	94+35.71	20.92 LT	122.06	P36=111.55 P19=116.35 P30=111.03	SOLID COVER. P19 – CONSTRUCT DROP STORM DRAIN CONNECTION
39	S13	TYPE II BYPASS SDMH	94+35.71	10.92 LT	121.57	P32=110.95 P30=111.02 P31=110.95	SOLID COVER @ STA: 94+34.30, OFF: 12.28' LT
39	S14	TYPE I SDMH	94+44.55	5.50 LT	121.63	P31=110.93 P33=110.88	SOLID COVER @ STA: 94+45.48, OFF: 5.50' LT
39	S15	CB	95+70.00	42.92 RT	117.92	P34=113.86	BEEHIVE INTAKE COVER @ STA: 95+69.46, OFF: 42.02' RT
39	S16	TYPE II CBMH	96+04.00	18.94 RT	120.50	P34=112.80 P35=112.20	TYPE I CURB INLET @ STA: 96+04.00, OFF: 18.00' RT
39	S17	TYPE II CBMH	96+04.00	18.94 LT	120.50	P38=112.11 P35=112.11 P36=112.04	TYPE I CURB INLET @ STA: 96+04.00, OFF: 18.00' LT
39	S18	CB	96+60.00	57.12 RT	118.45	P37=114.34	BEEHIVE INTAKE COVER @ STA: 96+60.00, OFF: 56.08' RT
39	S19	TYPE I SDMH	96+60.00	28.78 RT	118.58	P39=112.46 P37=113.41	BEEHIVE INTAKE COVER @ STA: 96+60.00, OFF: 27.77' RT
39	S20	CB	96+60.00	33.29 LT	117.09	P40=113.05	BEEHIVE INTAKE COVER @ STA: 96+60.00, OFF: 32.25' LT
39	S21	TYPE I SDMH	96+60.00	21.00 LT	121.15	P39=112.33 P40=112.86 P41=112.34 P38=112.26	SOLID COVER
40	S22	TYPE II CBMH	98+42.40	1.55 LT	121.90	P42=114.04 P41=113.95	EXPRESSWAY CURB INLET @ STA: 98+42.35, OFF: 2.49' LT
40	S23	TYPE II CBMH	99+32.54	11.95 RT	122.29	P44=114.36 P42=114.29 P45=116.56	TRUCK APRON CURB INLET @ STA: 99+31.65, OFF: 12.24' RT
46	S24	CB	99+57.78	159.20 LT	119.40	P43=115.39	EXPRESSWAY CURB INLET @ STA: 99+57.74, OFF: 159.19' LT

55.05 – STORM DRAIN STRUCTURES

SHEET	NO.	TYPE	STATION	OFFSET	RIM/ LIP OF CURB ELEVATION	INVERTS	REMARKS
40	S25	TYPE II CBMH	99+67.58	35.25 LT	121.32	P46=114.61 P44=114.52 P43=115.04	TRUCK APRON CURB INLET @ STA: 99+67.47, OFF: 36.18' LT
40	S26	TYPE II CBMH	100+19.09	22.67 LT	122.32	P47=115.35 P46=115.24	TRUCK APRON CURB INLET @ STA: 100+19.87, OFF: 23.29' LT
40	S27	TYPE II CBMH	100+57.14	42.52 LT	122.59	P48=115.81 P47=115.70	TYPE I CURB INLET @ STA: 100+56.64, OFF: 41.68' LT
40	S28	TYPE II CBMH	101+00.53	25.28 RT	122.75	P49=117.17 P48=116.61	TYPE I CURB INLET @ STA: 101+00.42, OFF: 24.35' RT
40	S29	CB	101+24.32	44.61 RT	121.48	P49=117.46	BEEHIVE INTAKE COVER @ STA: 101+24.12, OFF: 43.59' RT
42	S200	CB	86+23.01	88.90 RT	129.29	P201=125.20	BEEHIVE INTAKE COVER @ STA: 86+22.67, OFF: 87.98' RT
42	S201	TYPE II CBMH	85+86.67	54.25 RT	128.94	P201=123.12 P202=121.66 P12=122.32	EXPRESSWAY CURB INLET @ STA: 85+87.59, OFF: 54.08' RT
37	S202	CB	84+36.52	2.00 RT	125.13	P9=120.86	EXPRESSWAY CURB INLET @ STA: 84+36.51, OFF: 2.04' RT
37	S203	TYPE II CBMH	84+42.99	3.32 LT	125.11	P9=120.72 P10=119.58	EXPRESSWAY CURB INLET @ STA: 84+42.89, OFF: 4.28' LT
43	S204	TYPE II CBMH	85+11.75	25.39 LT	125.49	P204=119.38 P11=119.31 P10=119.37	TRUCK APRON CURB INLET @ STA: 85+10.98, OFF: 25.94' LT
43	S205	TYPE II CBMH	85+15.06	94.45 LT	125.29	P205=121.11 P204=119.57	EXPRESSWAY CURB INLET @ STA: 85+14.13, OFF: 94.29' LT
43	S206	CB	85+17.70	101.16 LT	125.35	P205=121.20	EXPRESSWAY CURB INLET @ STA: 85+17.73, OFF: 101.18' LT
45	S301	CB	99+93.84	79.29 RT	123.49	P45=119.41	TYPE I CURB INLET @ STA: 99+93.86, OFF: 79.26' RT
46	S302	CB	99+02.02	273.30 LT	117.52	P301=114.51	TYPE I CURB INLET @ STA: 99+02.04, OFF: 273.31' LT

NOTES:

1. STATION OFFSET VALUES IN THE TABLE REFER TO THE CENTER OF THE STRUCTURE.
2. INVERT VALUES SHOWN IN THE TABLE REFER TO THE OUTSIDE WALL OF THE STRUCTURE.
3. TYPE I CURB INLET, EXPRESSWAY CURB INLET, AND TRUCK APRON CURB INLET STATION/OFFSET VALUES REFER TO THE TOP BACK & MIDPOINT OF CURB BOX. BEEHIVE INTAKE AND SOLID COVER STATION OFFSET VALUES REFER TO THE CENTER OF THE COVER.

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JANUARY 2015

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY
BASE			TELEPHONE		
TOPOGRAPHY			ELECTRIC		
PROFILE			CABLE TV		
SANITARY SEWER			DESIGN		
STORM SEWER			QUANTITIES		
WATER			MUN. FINAL CHK.		
GAS					

PLAN CHECK

REV	DATE	DESCRIPTION	BY	REV	DATE	DESCRIPTION	BY

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PROJECT MANAGEMENT AND ENGINEERING DIVISION

05–05

WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

STORM DRAIN STRUCTURES SUMMARY TABLE

SCALE | DATE 1/30/15 | GRID 2323 2324 2423 2424 | ACCT. NO. | SHEET 47 of 106

55.02 – STORM DRAIN PIPES

SHEET NO.	NO.	DIAMETER & TYPE	LENGTH (FT)	INLET STRUCTURE	INLET INVERT ELEVATION	OUTLET STRUCTURE	OUTLET INVERT ELEVATION	SLOPE	REMARKS
37	P9	12" CPEP	8.38	S202	120.86	S203	120.72	4.00%	
37	P10	18" CPEP	74.44	S203	119.58	S204	119.37	0.30%	
37	P11	18" CPEP	99.01	S204	119.31	S2	119.03	0.30%	
37	P12	12" CPEP	53.10	S1	123.60	S201	122.32	2.66%	
37	P13	18" CPEP	301.49	S2	118.96	S5	118.07	0.30%	
38	P14	12" CPEP	46.81	S4	122.64	S5	120.93	4.00%	
38	P15	18" CPEP	215.02	S5	118.01	S7	117.38	0.30%	
38	P16	12" CPEP	36.98	S6	119.62	S7	118.34	4.00%	
38	P17	18" CPEP	240.00	S7	117.31	S9	116.61	0.30%	
39	P19	18" CPEP	70.73	S9	116.54	S12	116.35	0.30%	
39	P20	12" CPEP	36.98	S8	117.94	S9	117.17	2.41%	
39	P21	24" CPEP	12.16	S10	110.82	S11	110.81	0.30%	
39	P30	24" CPEP	10.00	S12	111.03	S13	111.02	0.30%	
39	P31	18" CPEP	10.37	S13	110.95	S14	110.93	0.30%	
39	P32	24" CPEP	27.22	S13	110.95	S10	110.89	0.30%	
39	P33	18" CPEP	33.58	S14	110.88	S11	110.80	0.30%	
39	P34	12" CPEP	40.75	S15	113.86	S16	112.80	2.97%	
39	P35	18" CPEP	37.87	S16	112.20	S17	112.11	0.30%	
39	P36	18" CPEP	169.37	S17	112.04	S12	111.55	0.30%	
39	P37	12" CPEP	28.34	S18	114.34	S19	113.41	3.85%	
39	P38	18" CPEP	55.98	S21	112.26	S17	112.11	0.30%	
39	P39	18" CPEP	49.78	S19	112.46	S21	112.33	0.30%	
39	P40	12" CPEP	12.29	S20	113.05	S21	112.86	2.20%	
39	P41	18" CPEP	177.73	S22	113.95	S21	112.34	0.93%	
40	P42	18" CPEP	89.65	S23	114.29	S22	114.04	0.30%	
40	P43	12" CPEP	124.34	S24	115.39	S25	115.04	0.30%	
40	P44	18" CPEP	58.79	S25	114.52	S23	114.36	0.30%	
40	P45	12" CPEP	76.34	S301	119.41	S23	116.56	4.00%	
40	P46	18" CPEP	62.59	S26	115.24	S25	114.61	1.10%	
40	P47	18" CPEP	38.04	S27	115.70	S26	115.35	1.09%	
40	P48	18" CPEP	79.32	S28	116.61	S27	115.81	1.09%	
40	P49	12" CPEP	33.58	S29	117.46	S28	117.17	1.00%	
42	P201	12" CPEP	56.90	S200	125.20	S201	123.12	4.00%	
42	P202	18" CPEP	60.55	S201	121.66	S3	120.30	2.50%	
43	P203	18" CPEP	48.07	S3	120.15	S2	119.10	2.50%	
43	P204	18" CPEP	69.13	S205	119.57	S204	119.38	0.30%	
43	P205	12" CPEP	7.21	S206	121.20	S205	121.11	4.00%	
46	P301	12" CPEP	46.89	S302	114.51		114.38	0.30%	ADD FLARED END SECTION

55.20 – CULVERTS

SHEET NO.	NO.	DIAMETER & TYPE	LENGTH (FT)	INLET STATION	INLET OFFSET	INLET INVERT ELEVATION	OUTLET STATION	OUTLET OFFSET	OUTLET INVERT ELEVATION	SLOPE	REMARKS
35	P5	18" CMP	11.63	76+87.86	81.75 RT	98.16	76+99.23	82.62 RT	97.92	2.08%	SEE NOTE 4
35	P6	18" CMP	11.53	77+50.38	86.95 RT	96.83	77+61.63	87.99 RT	96.59	2.08%	SEE NOTE 4
36	P7	18" CPEP	45.51	82+38.75	26.18 RT	114.90	81+93.24	26.16 RT	112.76	4.70%	ADD FLARED END SECTIONS
36	P8	18" CPEP	48.40	83+24.66	24.53 RT	118.41	82+77.88	24.38 RT	115.84	5.30%	ADD FLARED END SECTIONS
38	P18	18" CPEP	30.00	92+40.48	42.00 RT	120.21	92+70.48	42.00 RT	119.99	0.73%	ADD FLARED END SECTIONS
41	P50	12" CPEP	26.90	102+81.26	44.70 LT	119.94	102+53.89	43.78 LT	119.86	0.30%	ADD FLARED END SECTIONS

NOTES:

1. INVERT VALUES SHOWN IN THE TABLE REFER TO THE INSIDE WALL OF THE STRUCTURE, IF APPLICABLE.
2. STORM DRAIN PIPE LENGTHS ARE BASED ON THE HORIZONTAL DISTANCE BETWEEN THE CENTER OF CONNECTING STRUCTURES (WHERE APPLICABLE).
3. CULVERT LENGTHS DO NOT INCLUDE LENGTH OF FLARED END SECTIONS. FLARED END SECTIONS ARE INCIDENTAL.
4. EXTEND EXISTING 18" CMP DRIVEWAY CULVERT TO TOE OF FILL SLOPE. ADD FLARED END SECTIONS TO BOTH ENDS.

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PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

STORM DRAIN PIPES
SUMMARY TABLE

SCALE

DATE 1/30/15 | GRID 2323 2324 2423 2424

ACCT. NO.

SHEET 48 of 106

Plotted: 1/30/2015 9:53 AM File Location: Z:\project\1317.01– West Dimond Blvd\Engineering\Acad\1317–E–P&Ps.dwg

LAYOUT POINTS

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	312035.73	329136.46		END TAPER, PC, R=20'
101	312010.62	329146.84		PT, END OF PAVEMENT
102	312005.77	329159.97		PT, END OF PAVEMENT
103	312018.24	329183.56		BEGIN TAPER, PC, R=20'
104	312008.02	329224.62		END TAPER
105	311986.63	329286.90		BEGIN TAPER
106	311969.46	329325.51		END TAPER, PC, R=20'
107	311944.97	329336.40		PT, END OF PAVEMENT
108	311940.71	329349.74		PT, END OF PAVEMENT
109	311953.50	329374.96		PC, R=20'
110	311950.97	329382.69		PC, R=20'
111	311925.75	329395.48		PT, END OF PAVEMENT
112	311921.30	329408.76		PT, END OF PAVEMENT
113	311934.61	329432.06		BEGIN TAPER, PC, R=20'
114	311925.55	329473.28		END TAPER
115	311894.06	329569.52		BEGIN TAPER
116	311877.02	329608.12		END TAPER, PC, R=20'
117	311852.50	329619.05		PT
118	311846.49	329617.08		END OF PAVEMENT
124	311855.02	329684.03		PC, R=20'
125	311830.46	329698.09		PT
126	311828.86	329697.65		END OF PAVEMENT
127	311825.17	329711.16		PT, END OF PAVEMENT
128	311839.18	329735.80		PC
154	311683.23	329933.76		PT, END OF PAVEMENT
155	311656.42	329944.52		PRC, R=100'
156	311606.28	329958.08		PC, R=100'
157	311899.55	329649.01		BEGIN TAPER
184	311661.51	329972.00		PC, R=100'
185	311683.23	329969.59		PT, END OF PAVEMENT
199	311622.49	330281.82		PT
200	312103.12	329967.05	118.80	
201	312083.43	329968.27	119.88	
228	311663.66	330273.27		PT
252	311053.60	331190.70		PCC
253	311033.60	331164.01		MIDPOINT
254	311040.77	331131.44		PRC, R=40'
255	311047.22	331118.65		MIDPOINT
256	311048.75	331104.41		PC, R=40'
257	311047.60	331088.74		END OF PAVEMENT
258	311038.04	331088.74		PT, END OF PAVEMENT
259	311034.79	331104.80		MIDPOINT
260	311025.38	331118.21		PRC, R=40'
261	311016.06	331131.42		MIDPOINT
262	311012.73	331147.23		PC, R=40'

LAYOUT POINTS

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
263	311012.58	331181.63		PT
264	311000.81	331209.80		MIDPOINT
265	310972.58	331221.46		PC, R=40'
266	310959.41	331221.46		END OF PAVEMENT
293	311475.33	331250.62		MIDPOINT
294	311610.15	331233.47		BIKE RAMP
295	311617.95	331232.06		PT, BEGIN CURB TERMINATION TRANSITION
296	311628.27	331227.79		END CURB TERMINATION TRANSITION
297	311637.35	331231.21		END TAPER
298	310959.41	331241.46		END OF PAVEMENT
299	310983.68	331241.46		MIDPOINT
300	311007.94	331241.46		PC, R=40'
301	311019.89	331239.63		MIDPOINT
302	311030.74	331234.32		PRC, R=40'
303	311037.71	331230.45		MIDPOINT
304	311045.31	331228.04		PCC
324	311059.97	331597.38		PC
325	311059.32	331646.91		PRC, R=40'
326	311019.32	331687.03		PT, END OF PAVEMENT, ME
327	311019.32	331711.03		END OF PAVEMENT, ME
328	311022.48	331711.03		PT
329	311062.46	331749.67		PC, R=40'
330	311536.70	331277.38		PCC, R=980'
331	311493.25	331281.91		MIDPOINT
332	311450.05	331288.36		PRC, R=620'
362	311101.62	331559.27		END TAPER, PC, R=1493'
363	311099.32	331636.54		MIDPOINT
364	311101.02	331713.84		PT
700	311829.93	329752.11		BEGIN PATHWAY
701	311705.18	329923.98		END PATHWAY
702	311874.37	329789.59		BEGIN PATHWAY
703	311862.81	329862.55		PATHWAY
704	311875.57	329882.93		PATHWAY SHOULDER
705	311920.14	329924.87		PATHWAY SHOULDER
706	311963.75	329929.61		BEGIN TAPER
707	311983.68	329932.05		END TAPER
708	312052.55	329937.69		BEGIN TAPER
709	312090.53	329937.72		END TAPER
710	311703.49	329971.43		BEGIN PATHWAY
711	311712.50	330064.10		BEGIN TAPER
712	311702.12	330086.68		END TAPER
713	311673.91	330156.42		PC, R=200'
714	311667.10	330170.55		MIDPOINT
715	311659.21	330184.09		PRC, R=1000'
716	311614.35	330262.16		MIDPOINT

LAYOUT POINTS

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
717	311576.68	330343.95		PRC, R=200'
718	311572.06	330354.45		MIDPOINT
719	311566.83	330364.67		PT
720	311681.27	330148.16	130.69	BEGIN SWALE
721	311620.81	330266.48	126.72	SWALE POINT
722	311566.08	330373.33	125.58	END SWALE
723	312534.41	329972.55	95.08	CURB RAMP
724	312528.84	329987.00	94.74	BEGIN SIDEWALK, BEGIN TAPER
725	312519.58	329978.04	95.18	END TAPER
726	311972.92	329986.93		BEGIN TAPER
727	311959.44	329992.59		END TAPER, END SIDEWALK, BEGIN PATHWAY
728	311739.83	330135.28		BEGIN TAPER
729	311724.23	330175.52		PC, R=60'
730	311722.11	330180.34		PCC
731	311314.38	330825.42		BEGIN TAPER, PC, R=208'
732	311296.10	330853.25		MIDPOINT
733	311273.61	330877.80		PRC, R=192'
734	311238.22	330922.15		MIDPOINT
735	311217.34	330974.90		PT
736	311203.63	331033.85		END TAPER
737	311073.25	331190.05		END PATHWAY
738	311265.56	330901.40	121.29	BEGIN SWALE
739	311253.72	330918.59	118.58	SWALE LOW POINT
740	311208.58	331024.94	121.48	END SWALE
741	311288.07	330835.64	117.92	DITCH LOW POINT
742	311248.48	330890.01	121.78	DITCH HIGH POINT
743	311229.69	330903.63	118.42	DITCH LOW POINT
744	311165.35	331127.59	122.79	END DITCH
745	311358.23	330849.45		BEGIN TAPER, PC, R=110'
746	311351.36	330864.59		MIDPOINT
747	311346.86	330880.60		PRC, R=290'
748	311320.99	330954.97		MIDPOINT
749	311276.07	331019.64		PRC, R=110'
750	311260.72	331040.97		MIDPOINT
751	311250.88	331065.33		END TAPER, PT
752	311239.10	331114.94		PC, R=60'
753	311237.95	331121.39		MIDPOINT
754	311237.51	331127.93		PCC
755	311268.82	331223.76		BEGIN TAPER
756	311274.68	331227.14		PC, R=58'
757	311310.21	331234.52		MIDPOINT
758	311343.17	331219.35		PRC, R=60'
759	311362.32	331207.33		MIDPOINT
760	311384.56	331203.26		PT, END PATHWAY
761	311272.98	331216.38		PC, R=50'

LAYOUT POINTS

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
762	311305.95	331226.84		MIDPOINT
763	311337.82	331213.40		PRC, R=68'
764	311359.47	331199.73		MIDPOINT
765	311384.64	331195.04		PT, END PATHWAY
766	311353.89	330850.07	121.21	BEGIN SWALE
767	311304.68	330950.31	117.09	SWALE LOW POINT
768	311252.35	331047.96	121.71	END SWALE
769	311063.97	331234.30		BEGIN PATHWAY
770	311065.45	331372.88		END PATHWAY
771	311334.29	331301.49		BEGIN PATHWAY
772	311146.41	331334.79		PC, R=50'
773	311141.75	331346.34		MIDPOINT
774	311140.09	331358.69		PT, END PATHWAY, ME
775	311176.20	331319.48		PC, R=42'
776	311156.09	331334.67		MIDPOINT
777	311148.29	331358.64		PT, END PATHWAY, ME

NOTES:

1. TO DETERMINE ELEVATIONS NOT GIVEN, USE TYPICAL SECTIONS.
2. ELEVATIONS SHOWN ARE FINISHED GRADE, LIP OF CURB, OR EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.

95% DESIGN
JANUARY 2015

File Location: Z:\project\1317.01- West Dimond Blvd\Engineering\Acad\1317-E-P&Ps.dwg
Plotted: 1/30/2015 9:53 AM

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

DATA	DRAWN BY	CHECKED BY
BASE		
TOPOGRAPHY		
PROFILE		
SANITARY SEWER		
STORM SEWER		
WATER		
GAS		

DATA	DRAWN BY	CHECKED BY
TELEPHONE		
ELECTRIC		
CABLE TV		
DESIGN		
QUANTITIES		
MUN. FINAL CHK.		

PLAN CHECK

REV	DATE	DESCRIPTION	BY

REV	DATE	DESCRIPTION	BY

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SEAL

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DIVISION

05-05 WEST DIMOND BOULEVARD UPGRADE
PHASE I: WESTPARK DRIVE TO SAND LAKE ROAD

LAYOUT POINT TABLES

SCALE

DATE 1/30/15 | GRID 2323 2324 2423 2424 | ACCT. NO.

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