



REPUBLIC OF THE PHILIPPINES
ZAMBOANGA CITY WATER DISTRICT
PILAR STREET, ZAMBOANGA CITY

PROJECT TITLE:

**MAINLINE REPLACEMENT PROGRAM
(LGU FUNDED) PHASE 2**

PROJECT LOCATION: ZAMBOANGA CITY, PHILIPPINES

PROJECT COMPONENTS :

GONZALES DRIVE

SUPPLY/LAYING OF 189.26 LN.M. 150mm.Ø PVC PIPELINE, CLASS 150
SUPPLY/CONSTRUCTION OF 1.80 LN.M. OF 150mm.Ø DRAINAGE CROSSING
TRANSFER/INSTALLATION OF FOUR (4) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION
SUPPLY/CONSTRUCTION OF ONE (1) UNIT CLUSTER CONNECTION

RIZAL ST.

SUPPLY/LAYING OF 248.32 LN.M. 150mm.Ø PVC PIPELINE, CLASS 150
SUPPLY/INSTALLATION OF ONE (1) UNIT 150mm.Ø FIRE HYDRANT w/ CONCRETE BARRICADE
TRANSFER/INSTALLATION OF FOUR (4) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION

ORENDAIN ST.

SUPPLY/LAYING OF 190.93 LN.M. 150mm.Ø PVC PIPELINE, CLASS 150
SUPPLY/CONSTRUCTION OF 14.82 LN.M. OF 150mm.Ø DRAINAGE CROSSING
SUPPLY/INSTALLATION OF ONE (1) UNIT 150mm.Ø FIRE HYDRANT w/ CONCRETE BARRICADE
TRANSFER/INSTALLATION OF FIVE (5) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION

PURA BRILLANTES ST.

SUPPLY/LAYING OF 137.52 LN.M. 150mm.Ø PVC PIPELINE, CLASS 150
SUPPLY/CONSTRUCTION OF 4.30 LN.M. OF 150mm.Ø DRAINAGE CROSSING
TRANSFER/INSTALLATION OF SIX (6) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION

CORCUERRA ST.

SUPPLY/LAYING OF 254.23 LN.M. 150mm.Ø PVC PIPELINE, CLASS 150
SUPPLY/CONSTRUCTION OF 9.7 LN.M. OF 150mm.Ø DRAINAGE CROSSING
TRANSFER/INSTALLATION OF TWELVE (12) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION
SUPPLY/CONSTRUCTION OF ONE (1) UNIT CLUSTER CONNECTION

ZARAGOZA ST.

SUPPLY/LAYING OF 334.62 LN.M. 150mm.Ø PVC PIPELINE, CLASS 150
SUPPLY/CONSTRUCTION 6.77 LINEAR METERS OF 150mm.Ø DRAINAGE CROSSING
TRANSFER/INSTALLATION OF SIX (6) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION

RODRIGUEZ ST.

SUPPLY/LAYING OF 295.04 LN.M. 150mm.Ø PVC PIPELINE, CLASS 150
SUPPLY/CONSTRUCTION OF 2.50 LN.M. OF 150mm.Ø DRAINAGE CROSSING
TRANSFER/INSTALLATION OF FOUR (4) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION

SEVILLA ST.

SUPPLY/LAYING OF 338.65 LN.M. 150mm.Ø PVC PIPELINE, CLASS 150
SUPPLY/CONSTRUCTION 14.30 LINEAR METERS OF 150mm.Ø DRAINAGE CROSSING
TRANSFER/INSTALLATION OF FOURTEEN (14) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION

P. REYES ST.

SUPPLY/LAYING OF 137.13 LN.M. 150mm.Ø PVC PIPELINE, CLASS 150
SUPPLY/CONSTRUCTION 12.60 LINEAR METERS OF 150mm.Ø DRAINAGE CROSSING
TRANSFER/INSTALLATION OF FIVE (5) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION

CAMPANER ST.

SUPPLY/LAYING OF 406.76 LN.M. 150mm.Ø PVC PIPELINE, CLASS 150
SUPPLY/CONSTRUCTION OF 7.54 LN.M. OF 150mm.Ø DRAINAGE CROSSING
SUPPLY/INSTALLATION ONE (1) UNIT OF 150mm.Ø FIRE HYDRANT w/ CONCRETE BARRICADE
TRANSFER/INSTALLATION OF EIGHTEEN (18) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION
SUPPLY/CONSTRUCTION OF THREE (3) UNITS CLUSTER CONNECTION

VILLALOBOS ST.

SUPPLY/LAYING OF 267.12 LN.M. 150mm.Ø PVC PIPELINE, CLASS 150
SUPPLY/CONSTRUCTION 9.60 LINEAR METERS OF 150mm.Ø DRAINAGE CROSSING
SUPPLY/INSTALLATION OF ONE (1) UNIT 150mm.Ø FIRE HYDRANT w/ CONCRETE BARRICADE
TRANSFER/INSTALLATION OF TWENTY TWO (22) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION

BUENAVISTA ST.

SUPPLY/LAYING OF 661.04 LN.M. 200mm.Ø PVC PIPELINE, CLASS 150
TRANSFER/INSTALLATION OF FORTY ONE (41) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION
SUPPLY/CONSTRUCTION OF THREE (3) UNITS CLUSTER CONNECTION

LA PURISIMA ST.

SUPPLY/LAYING OF 918.59 LN.M. 150mm.Ø PVC PIPELINE, CLASS 150
SUPPLY/INSTALLATION OF ONE (1) UNIT 150mm.Ø FIRE HYDRANT w/ CONCRETE BARRICADE
TRANSFER/INSTALLATION OF FIFTEEN (15) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION

GEN. VICENTE ALVAREZ ST.

SUPPLY/LAYING OF 413.67 LN.M. 150mm.Ø PVC PIPELINE, CLASS 150
SUPPLY/CONSTRUCTION OF 2.4 LN.M. OF 150mm.Ø DRAINAGE CROSSING
SUPPLY/INSTALLATION OF ONE (1) UNIT 150mm.Ø FIRE HYDRANT w/ CONCRETE BARRICADE
TRANSFER/INSTALLATION OF FIFTEEN (15) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION
SUPPLY/CONSTRUCTION OF ONE (1) UNIT CLUSTER CONNECTION

VETERANS AVE.

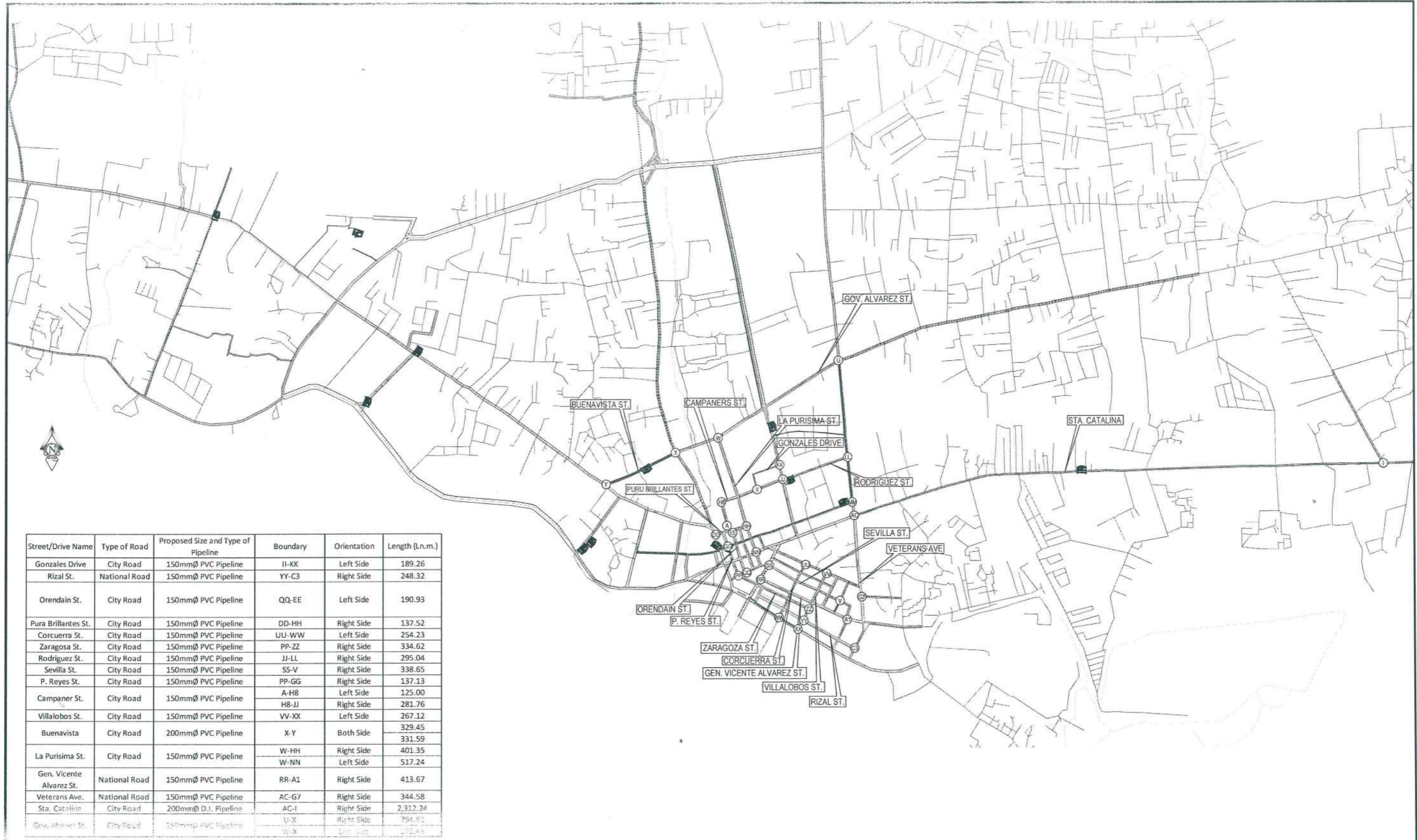
SUPPLY/LAYING OF 344.58 LN.M. 150mm.Ø PVC PIPELINE, CLASS 150
TRANSFER/INSTALLATION OF THIRTY FOUR (34) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION
SUPPLY/CONSTRUCTION OF THREE (3) UNITS CLUSTER CONNECTION

STA. CATALINA

SUPPLY/LAYING OF 2,312.24 LN.M. 200mm.Ø D.I. PIPELINE
SUPPLY/CONSTRUCTION OF 5.37 LN.M. OF 200mm.Ø DRAINAGE CROSSING
SUPPLY/INSTALLATION OF THREE (3) UNITS 150mm.Ø FIRE HYDRANT w/ CONCRETE BARRICADE
TRANSFER/INSTALLATION OF FORTY NINE (49) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION
SUPPLY/CONSTRUCTION OF TWENTY (20) UNITS CLUSTER CONNECTION

GOV. ALVAREZ ST.

SUPPLY/LAYING OF 966.25 LN.M. 150mm.Ø PVC PIPELINE, CLASS 150
SUPPLY/CONSTRUCTION/LAYING 28.19 LINEAR METERS OF 150mm.Ø G.I. PIPELINE BRIDGE CROSSING
SUPPLY/CONSTRUCTION OF 5.00 LN.M. OF 150mm.Ø DRAINAGE CROSSING
SUPPLY/INSTALLATION TWO (2) UNITS OF 100mm.Ø BLOW-OFF ASSEMBLY
SUPPLY/INSTALLATION TWO (2) UNITS OF 50mm.Ø AIR RELEASE ASSEMBLY
TRANSFER/INSTALLATION OF NINETY SEVEN (97) UNITS INDIVIDUAL 12mm.Ø SERVICE LINE CONNECTION
SUPPLY/CONSTRUCTION OF FIVE (5) UNITS CLUSTER CONNECTION

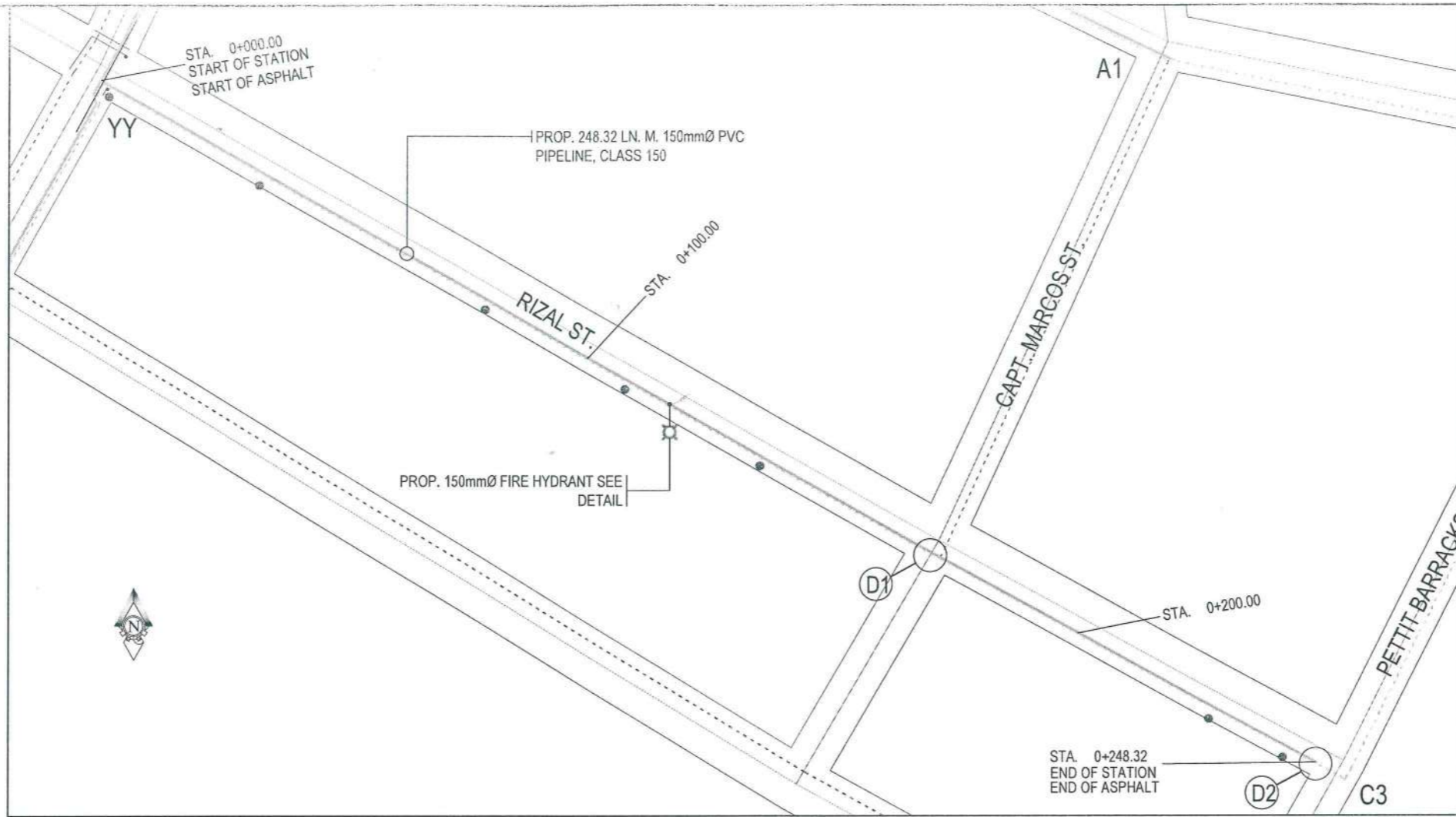


Street/Drive Name	Type of Road	Proposed Size and Type of Pipeline	Boundary	Orientation	Length (Ln.m.)
Gonzales Drive	City Road	150mmØ PVC Pipeline	II-KK	Left Side	189.26
Rizal St.	National Road	150mmØ PVC Pipeline	YY-C3	Right Side	248.32
Orendain St.	City Road	150mmØ PVC Pipeline	QQ-EE	Left Side	190.93
Pura Brillantes St.	City Road	150mmØ PVC Pipeline	DD-HH	Right Side	137.52
Corcuerra St.	City Road	150mmØ PVC Pipeline	UU-WW	Left Side	254.23
Zaragoza St.	City Road	150mmØ PVC Pipeline	PP-ZZ	Right Side	334.62
Rodriguez St.	City Road	150mmØ PVC Pipeline	JJ-LL	Right Side	295.04
Sevilla St.	City Road	150mmØ PVC Pipeline	SS-V	Right Side	338.65
P. Reyes St.	City Road	150mmØ PVC Pipeline	PP-GG	Right Side	137.13
Campaner St.	City Road	150mmØ PVC Pipeline	A-H8	Left Side	125.00
Villalobos St.	City Road	150mmØ PVC Pipeline	H8-JJ	Right Side	281.76
Buenavista	City Road	200mmØ PVC Pipeline	VV-XX	Left Side	267.12
La Purisima St.	City Road	150mmØ PVC Pipeline	X-Y	Both Side	329.45
Gen. Vicente Alvarez St.	National Road	150mmØ PVC Pipeline	W-HH	Right Side	331.59
Veterans Ave.	National Road	150mmØ PVC Pipeline	W-NN	Left Side	401.35
Sta. Catalina	City Road	200mmØ D.I. Pipeline	RR-A1	Right Side	517.24
Gov. Alvarez St.	City Road	150mmØ PVC Pipeline	AC-I	Right Side	2,312.24
			U-X	Right Side	794.82
			W-X	Left Side	272.45

SITE LOCATION PLAN

SCALE: NTS

	PREPARED BY: BUNNY L. DAMPIOS <small>SENIOR ENGINEER IN CHARGE DESIGN DIVISION</small> VERLIN ANN B. LACASTESANTOS-LORIA <small>SENIOR ENGINEER IN CHARGE DESIGN DIVISION</small>	 LEONARD S. ALCALA, CE <small>REGISTERED CIVIL ENGINEER</small> REYNOLDO M. CABILIN <small>REGISTERED CIVIL ENGINEER</small>	 MICHAEL A. PALANCA, CE <small>REGISTERED CIVIL ENGINEER</small> EDITO M. BAUTISTA JR., CE <small>REGISTERED CIVIL ENGINEER</small>	RECOMMENDING APPROVAL: MICHAEL A. PALANCA, CE <small>REGISTERED CIVIL ENGINEER</small> EDITO M. BAUTISTA JR., CE <small>REGISTERED CIVIL ENGINEER</small>	APPROVED FOR PROJECT IMPLEMENTATION: CHRISTOPHER D. NAVARRO <small>REGISTERED CIVIL ENGINEER</small> REYNOLDO M. CABILIN <small>REGISTERED CIVIL ENGINEER</small>	PROJECT: MAINLINE REPLACEMENT PROGRAM (LGU FUNDED) PHASE 2	SHEET NO.: 01
	SHEET CONTENT: AS INDICATED						



(RIZAL ST.)
SITE DEVELOPMENT PLAN
 SCALE: 1:10m

LEGEND:

- 1 - PROP. 248.32 LN.M. 150mmØ PVC PIPELINE, CLASS 150
- 2 - PROP. 150mmØ C.I. SLEEVE TYPE FLEXIBLE COUPLING, (PVC)
- 3 - PROP. 150mmØ PVC SHORT PIPE, CLASS 150
- 4 - PROP. 150mmØ x 100mmØ C.I. TEE, M/F
- 5 - EXISTING 100mmØ PVC PIPELINE
- 6 - PROP. 100mmØ C.I. BODY GATE VALVE, F/F
- 7 - PROP. 100mmØ C.I. ADAPTOR, F/P
- 8 - PROP. 100mmØ C.I. SLEEVE TYPE FLEXIBLE COUPLING, (C.I.-PVC)
- 9 - EXISTING 150mmØ CLCI PIPELINE (FOR DECOMMISSION)

LEGEND:

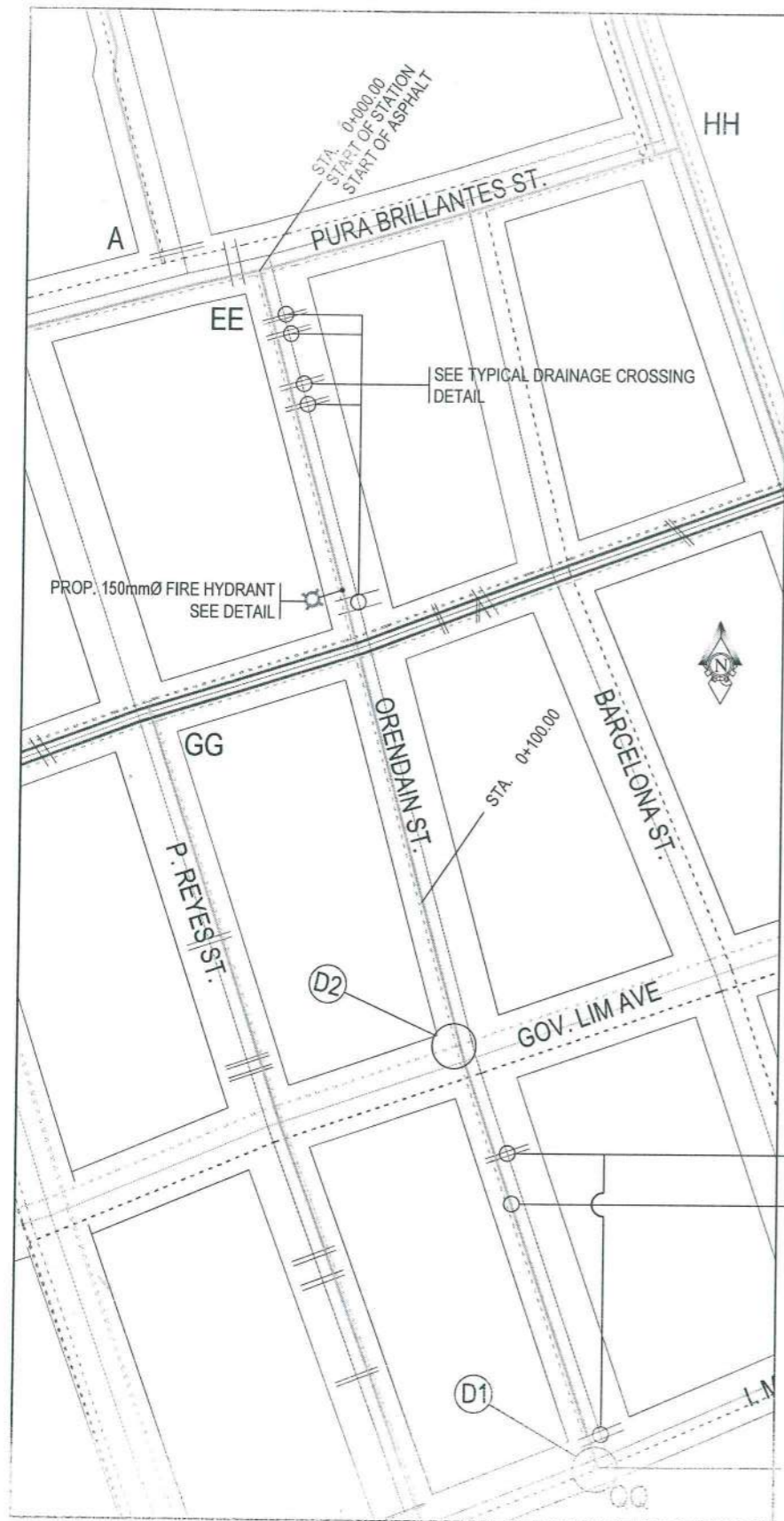
- 1 - PROP. 248.32 LN.M. 150mmØ PVC PIPELINE, CLASS 150
- 2 - PROP. 150mmØ C.I. MECHANICAL END CAP



INTER-CONNECTION DETAIL
 SCALE: NTC

RIZAL ST.

	PREPARED BY: BUNNY L. DAMPIOS SENIOR ENGINEER IN CHARGE DESIGN DIVISION	 LEONARD S. ALCALA, CE ENGINEER IN CHARGE	 MICHAEL C. PALANCA, CE OIC, CHIEF PLANNING, DESIGNING AND PROGRAMMING DIVISION, CEO	 MICHAEL C. PALANCA, CE ENGINEER II OIC, ASSISTANT CITY ENGINEER, CEO	 CHRISTOPHER G. NAVARRO CITY ENGINEER	PROJECT: MAINLINE REPLACEMENT PROGRAM (LGU FUNDED) PHASE 2	SHEET NO.: 03	
	 VERLIN ANN B. LACASTESANTOS-LORIA SENIOR ENGINEER IN CHARGE DESIGN DIVISION	 REX D. BALE, JR., CE SENIOR ENGINEER IN CHARGE DESIGN DIVISION, ZCWD	 EDITO M. BAUTISTA, JR., CE OFFICER-IN-CHARGE DESIGN DIVISION, ZCWD	 MAR I. P. ACOSTA-DE FIESTA DVA, ENGINEERING & CONSTRUCTION DEPARTMENT OIC, TECHNICAL SERVICES GROUP, ZCWD	 REYNALDO R. GABILIN ACTING GENERAL MANAGER, ZCWD	SHEET CONTENT: AS INDICATED		



(ORENDAIN ST.)
SITE DEVELOPMENT PLAN
 SCALE: 1:800

SEE TYPICAL DRAINAGE CROSSING
 DETAIL

PROP. 150mmØ FIRE HYDRANT
 SEE DETAIL

SEE TYPICAL DRAINAGE CROSSING
 DETAIL

PROP. 190.93 LN. M. 150mmØ PVC
 PIPELINE, CLASS 150

STA. 0+190.93
 END OF STATION
 END OF ASPHALT



LEGEND:

- 1 - PROP. 190.93 LN. M. 150mmØ PVC PIPELINE, CLASS 150
- 2 - PROP. 150mmØ C.I. SLEEVE TYPE FLEXIBLE COUPLING, (C.I.-PVC)
- 3 - PROP. 150mmØ C.I. ADAPTOR, F/P
- 4 - PROP. 150mmØ C.I. BODY GATE VALVE, F/F
- 5 - EXISTING 100mmØ PVC PIPELINE
- 6 - PROP. 150mmØ x 150mmØ C.I. TEE, M/F
- 7 - PROP. 150mmØ PVC SHORT PIPE, CLASS 150
- 8 - PROP. 150mmØ x 100mmØ PVC REDUCER, CLASS 150
- 9 - PROP. 100mmØ C.I. SLEEVE TYPE FLEXIBLE COUPLING, (PVC)
- 10 - EXISTING 100mmØ CLCI PIPELINE (FOR DECOMMISSION)



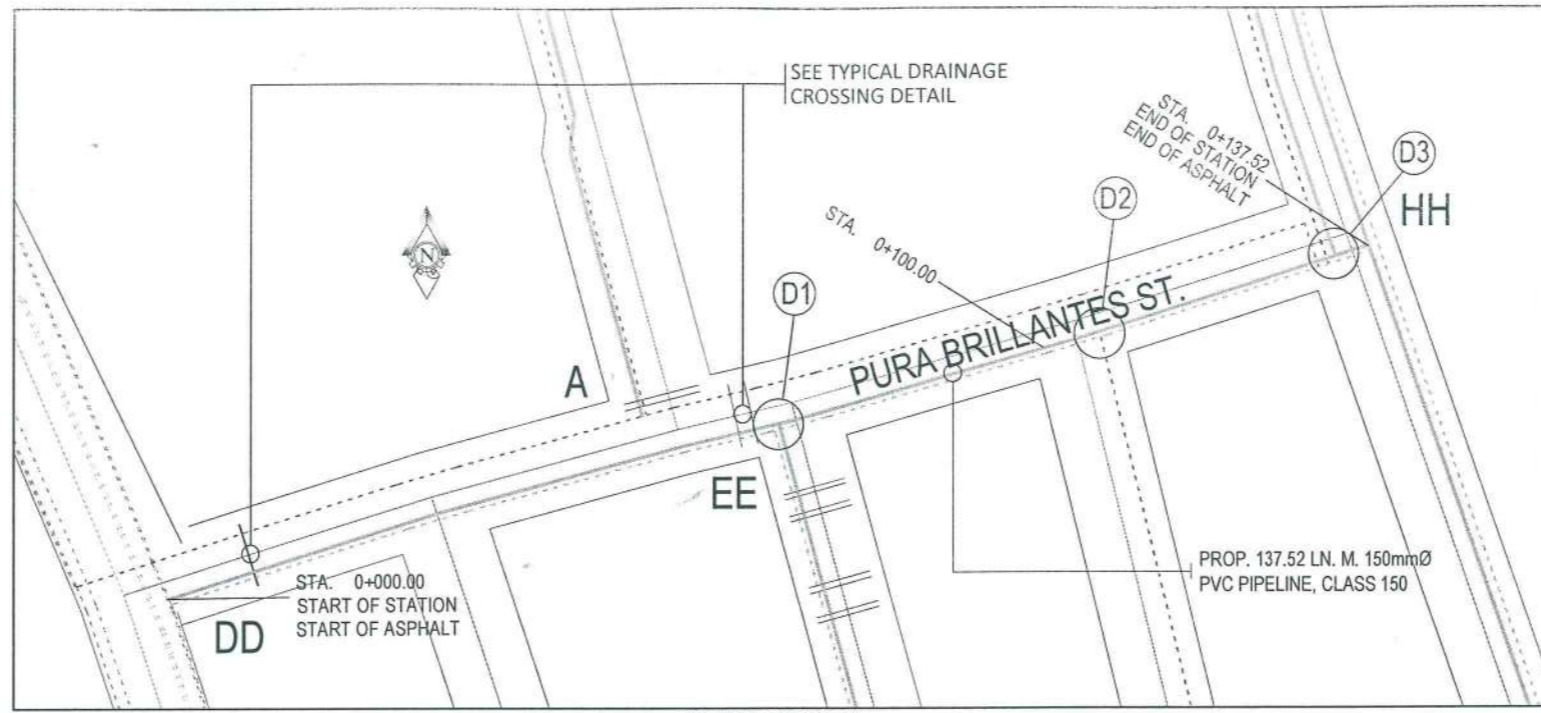
LEGEND:

- 1 - PROP. 190.93 LN. M. 150mmØ PVC PIPELINE, CLASS 150
- 2 - PROP. 150mmØ C.I. SLEEVE TYPE FLEXIBLE COUPLING, (C.I.-PVC)
- 3 - PROP. 150mmØ C.I. ADAPTOR, F/P
- 4 - EXISTING 150mmØ CLCI PIPELINE
- 5 - PROP. 150mmØ x 150mmØ C.I. CROSS TEE, F/F
- 6 - EXISTING 150mmØ PVC PIPELINE
- 7 - EXISTING 100mmØ CLCI PIPELINE (FOR DECOMMISSION)
- 8 - PROP. 150mmØ C.I. SLEEVE TYPE FLEXIBLE COUPLING, (C.I.)

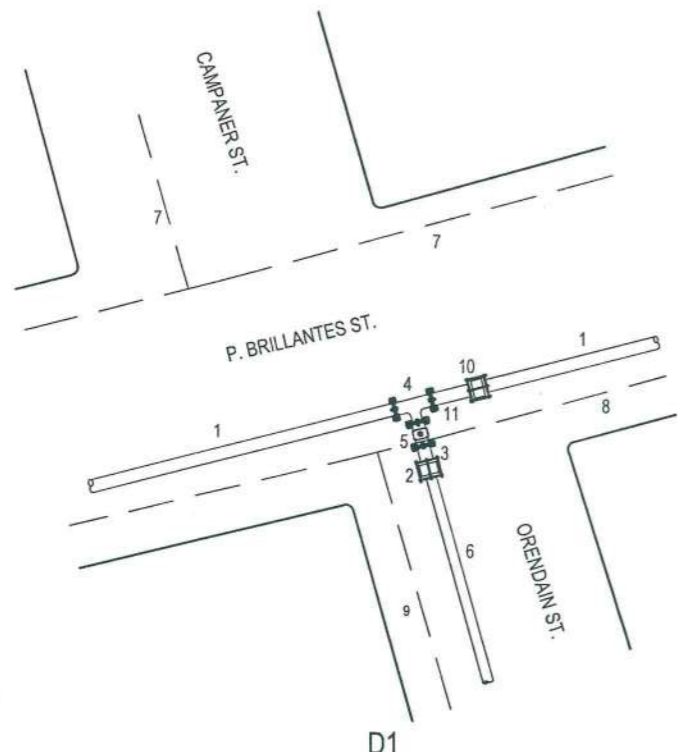
INTER-CONNECTION DETAIL OF ORENDAIN ST.
 SCALE: NTS

ORENDAIN ST.

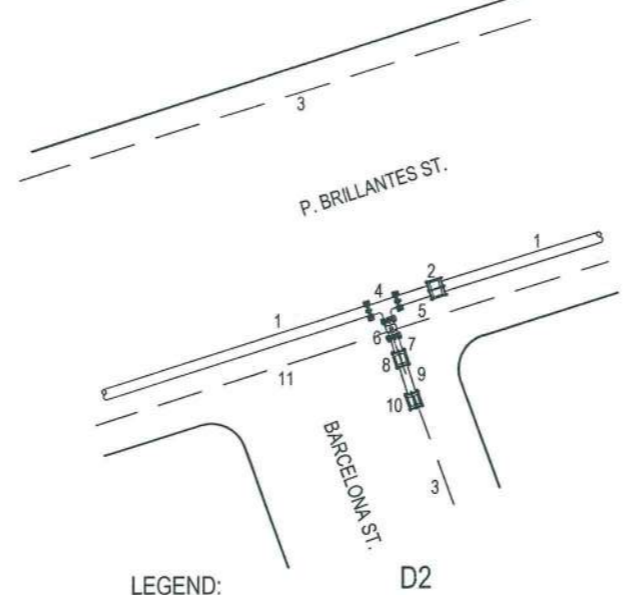
	PREPARED BY: BUNNY L. DAMPIGS <small>SENIOR ENGINEER A/CE DESIGN DIVISION</small>	 LEONARD S. ALCALA, CE <small>ENGINEER I, CEO</small>	 MICHAEL A. FRANCISCO <small>ENGINEER I, CEO OIC, CHIEF PLANNING, DESIGNING AND PROGRAMMING DIVISION, CEO</small>	RECOMMENDING APPROVAL: MICHAEL C. PALANCA, CE <small>ENGINEER II OIC, ASSISTANT CITY ENGINEER, CEO</small>	APPROVED FOR PROJECT IMPLEMENTATION: CHRISTOPHER O. NAVARRO <small>ENGINEER, CEO</small>	PROJECT: MAINLINE REPLACEMENT PROGRAM (LGU FUNDED) PHASE 2	SHEET NO: 04
	 VERLIN ANN B. LACASTESANTOS-LORIA <small>SENIOR ENGINEER A/CE DESIGN DIVISION</small>	 REX D. SALE JR., CE <small>ENGINEERING ENGINEER A DESIGN DIVISION, ZOWD</small>	 EDITO M. BAUTISTA JR., CE <small>OFFICER-IN-CHARGE DESIGN DIVISION, ZOWD</small>	 MARI P. ACOSTA-DE FIESTA <small>DATA ENGINEERING & CONSTRUCTION DEPARTMENT OIC - TECHNICAL SERVICES GROUP, ZOWD</small>	 REYNALDO R. CABALIN <small>ACTING GENERAL MANAGER, ZOWD</small>	SHEET CONTENT: AS INDICATED	



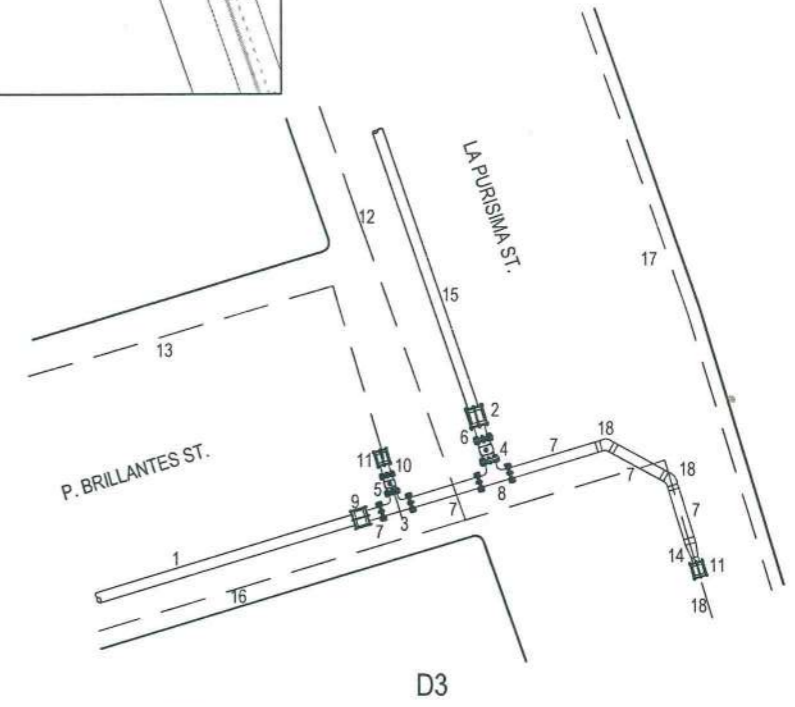
(P. BRILLANTES ST.)
SITE DEVELOPMENT PLAN
 SCALE: 1:8m



- LEGEND:**
- 1 - PROP. 137.52 LN. M. 150mmØ PVC PIPELINE, CLASS 150
 - 2 - PROP. 150mmØ C.I. SLEEVE TYPE FLEXIBLE COUPLING, (C.I.-PVC)
 - 3 - PROP. 150mmØ C.I. ADAPTOR, F/P
 - 4 - PROP. 150mmØ x 150mmØ C.I. TEE, M/F
 - 5 - PROP. 150mmØ C.I. BODY GATE VALVE, F/F
 - 6 - PROP. 150mmØ PVC PIPELINE, CLASS 150 (UNDER ORENDAIN ST.)
 - 7 - EXISTING 100mmØ PVC PIPELINE
 - 8 - EXISTING 100mmØ PVC PIPELINE, CLASS 150 (FOR DECOMMISSION)
 - 9 - EXISTING 100mmØ C.I. PIPELINE
 - 10 - PROP. 150mmØ C.I. SLEEVE TYPE FLEXIBLE COUPLING, (PVC)
 - 11 - PROP. 150mmØ PVC SHORT PIPE, CLASS 150



- LEGEND:**
- 1 - PROP. 137.52 LN. M. 150mmØ PVC PIPELINE, CLASS 150
 - 2 - PROP. 150mmØ C.I. SLEEVE TYPE FLEXIBLE COUPLING, (PVC)
 - 3 - EXISTING 100mmØ PVC PIPELINE
 - 4 - PROP. 150mmØ x 100mmØ C.I. TEE, M/F
 - 5 - PROP. 150mmØ PVC SHORT PIPE, CLASS 150
 - 6 - PROP. 100mmØ C.I. BODY GATE VALVE, F/F
 - 7 - PROP. 100mmØ C.I. ADAPTOR, F/P
 - 8 - PROP. 100mmØ C.I. SLEEVE TYPE FLEXIBLE COUPLING, (C.I.-PVC)
 - 9 - PROP. 100mmØ PVC SHORT PIPE, CLASS 150
 - 10 - PROP. 100mmØ C.I. SLEEVE TYPE FLEXIBLE COUPLING, (PVC)
 - 11 - EXISTING 100mmØ C.I. PIPELINE, (FOR DECOMMISSION)

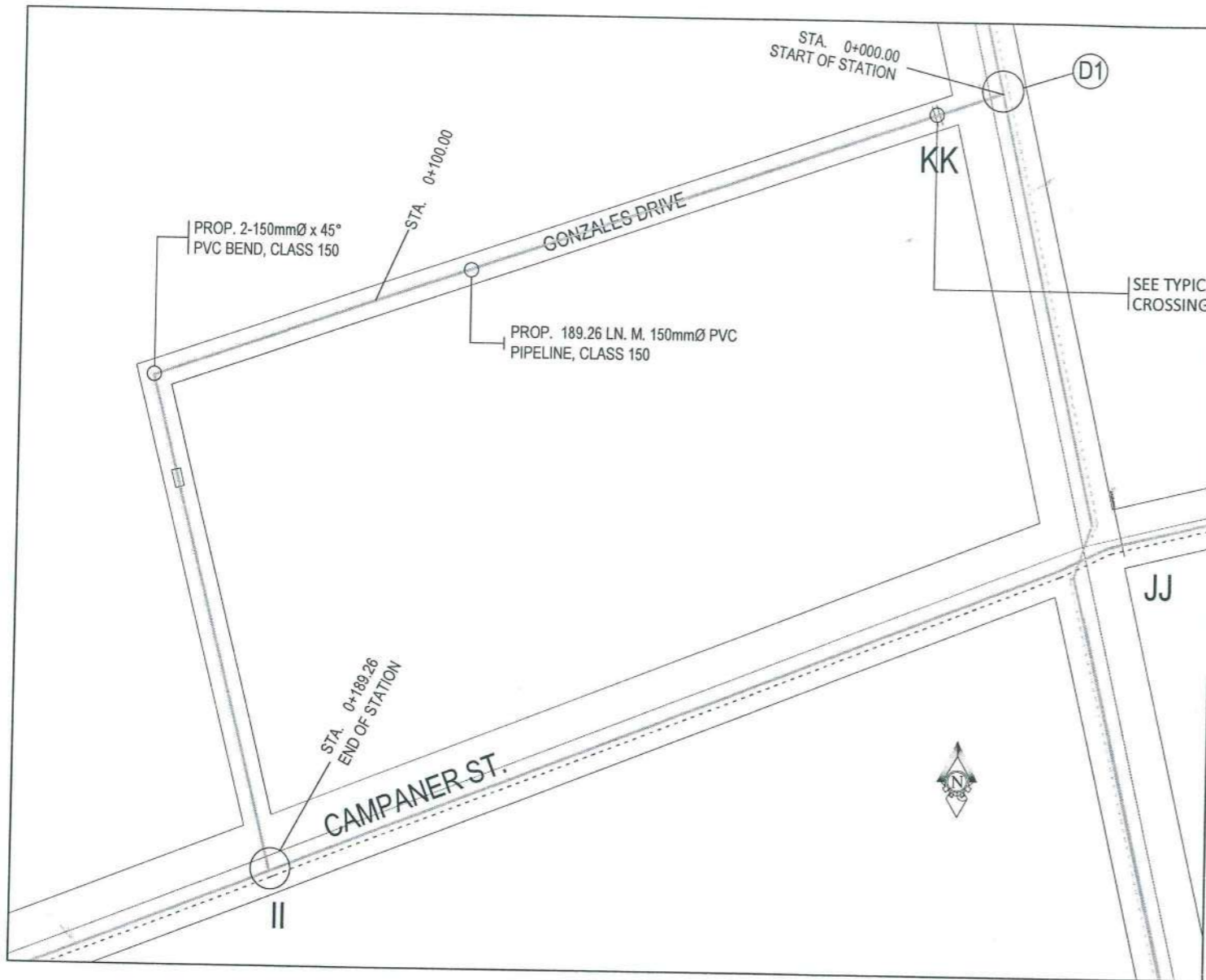


- LEGEND:**
- 1 - PROP. 137.52 LN. M. 150mmØ PVC PIPELINE, CLASS 150
 - 2 - PROP. 150mmØ C.I. SLEEVE TYPE FLEXIBLE COUPLING, (C.I.-PVC)
 - 3 - PROP. 150mmØ x 100mmØ C.I. TEE, M/F
 - 4 - PROP. 150mmØ C.I. BODY GATE VALVE, F/F
 - 5 - PROP. 100mmØ C.I. BODY GATE VALVE, F/F
 - 6 - PROP. 150mmØ C.I. ADAPTOR, F/P
 - 7 - PROP. 150mmØ PVC SHORT PIPE, CLASS 150
 - 8 - PROP. 150mmØ x 150mmØ C.I. TEE, M/F
 - 9 - PROP. 150mmØ C.I. SLEEVE TYPE FLEXIBLE COUPLING, (PVC)
 - 10 - PROP. 100mmØ C.I. ADAPTOR, F/P
 - 11 - PROP. 100mmØ C.I. SLEEVE TYPE FLEXIBLE COUPLING, (C.I.-PVC)
 - 12 - EXISTING 100mmØ ACP. PIPELINE
 - 13 - EXISTING 100mmØ PVC PIPELINE
 - 14 - PROP. 150mmØ x 100mmØ PVC REDUCER, CLASS 150
 - 15 - PROP. 150mmØ PVC PIPELINE, CLASS 150 (UNDER LAPURISIMA ST.)
 - 16 - EXISTING 100mmØ PVC PIPELINE (FOR DECOMMISSION)
 - 17 - EXISTING 100mmØ C.I. PIPELINE
 - 18 - PROP. 150mmØ x 45° PVC BEND, CLASS 150

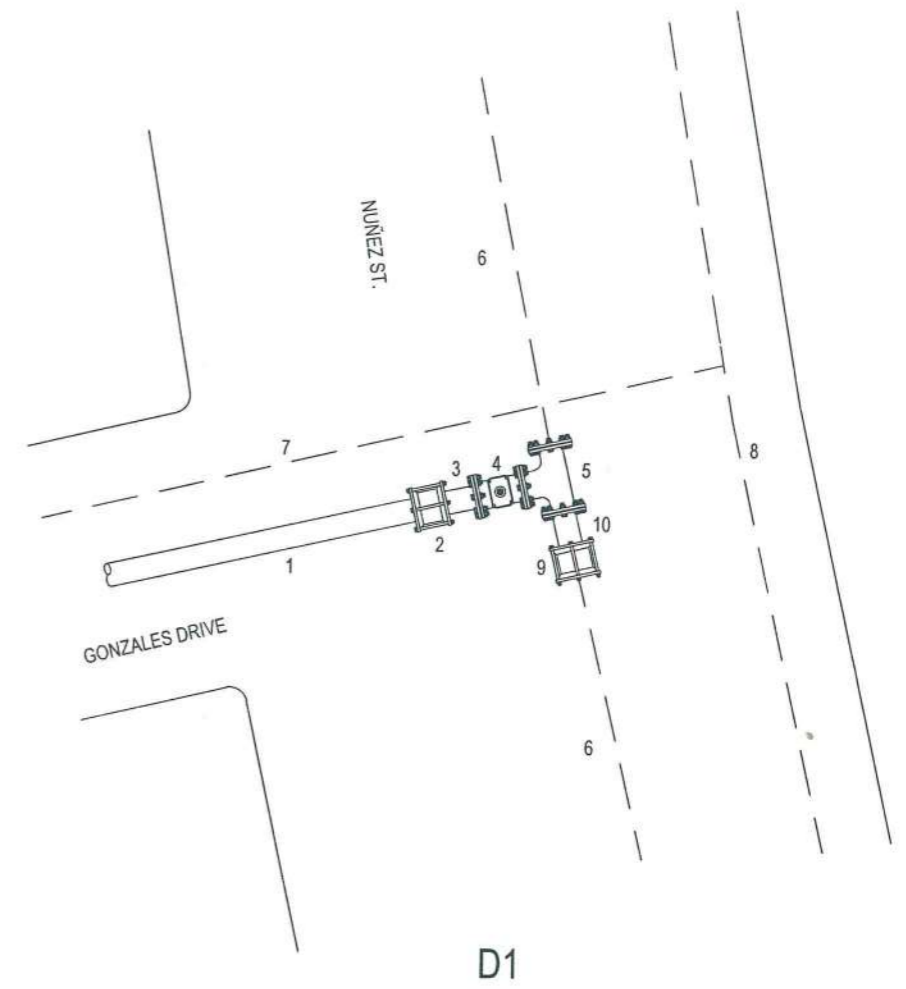
INTER-CONNECTION DETAIL OF PURA BRILLANTES
 SCALE: NTS

P. BRILLANTES ST.

	PREPARED BY: BUNNY L. DAMPIGS SENIOR ENGINEER & CE DESIGN DIVISION	 LEONARD S. ALCALA, CE ENGINEER IN CHARGE OFFICE OF THE CITY ENGINEER	 MICHAEL A. FRANCISCO ENGINEER IN CHARGE OIC CHIEF PLANNING, DESIGNING AND PROGRAMMING DIVISION, CEO	 MICHAEL C. PALANCA, CE ENGINEER IN CHARGE OIC ASSISTANT CITY ENGINEER, CEO	 CHRISTOPHER O. NAVARRO ENGINEER IN CHARGE OIC CHIEF PLANNING, DESIGNING AND PROGRAMMING DIVISION, CEO	PROJECT: MAINLINE REPLACEMENT PROGRAM (LGU FUNDED) PHASE 2	SHEET NO: 05
	 VERLIN ANN B. LACASTESANTOS-LORIA SENIOR ENGINEER & CE DESIGN DIVISION	 REX D. SALE JR., CE SENIOR ENGINEER & CE DESIGN DIVISION, ZCWD	 EDITO M. BAUTISTA JR., CE OFFICER IN CHARGE DESIGN DIVISION, ZCWD	 MAR I.P. ACOSTA-DE FIESTA DATA ENGINEERING & CONSTRUCTION DEPARTMENT OIC-TECHNICAL SERVICES GROUP, ZCWD	 REYNALDO R. CABALIN ACTING GENERAL MANAGER, ZCWD	SHEET CONTENT: AS INDICATED	



(GONZALES DRIVE)
SITE DEVELOPMENT PLAN
 SCALE: 1:8m



LEGEND:

- 1 - PROP. 189.26 LN. M. 150mmØ PVC PIPELINE, CLASS 150
- 2 - PROP. 150mmØ C.I. SLEEVE TYPE FLEXIBLE COUPLING, (C.I.-PVC)
- 3 - PROP. 150mmØ C.I. ADAPTOR, F/P
- 4 - PROP. 150mmØ C.I. BODY GATE VALVE, F/F
- 5 - PROP. 150mmØ x 150mmØ C.I. TEE, M/F
- 6 - PROP. 150mmØ PVC PIPELINE, CLASS 150 (UNDER MAINLINE REPLACEMENT PROGRAM (LGU FUNDED) PHASE 1)
- 7 - EXIST. 50mmØ PB PIPELINE (FOR DECOMMISSION)
- 8 - EXIST. 150mmØ CLCI PIPELINE
- 9 - PROP. 150mmØ C.I. SLEEVE TYPE FLEXIBLE COUPLING, (PVC)
- 10 - EXIST. 150mmØ PVC SHORT PIPE, CLASS 150

INTER-CONNECTION DETAIL
 SCALE: NTS

GONZALES DRIVE

	PREPARED BY: BUNNY L. DAMPIOS <small>SENIOR ENGINEER & I.C.E. DESIGN DIVISION</small>	 LEONARD S. ALCALA, CE <small>ENGINEER II, CEO</small>	 MICHAEL A. FRANCISCO <small>ENGINEER II, CEO OIC, CHIEF PLANNING, DESIGNING AND PROGRAMMING DIVISION, CEO</small>	RECOMMENDING APPROVAL: MICHAEL C. PALANCA, CE <small>ENGINEER III OIC, ASSISTANT CITY ENGINEER, CEO</small>	APPROVED FOR PROJECT IMPLEMENTATION: CHRISTOPHER C. NAVARRO <small>ENGINEER III REYNALDO RANGEN 2023.06.26 11:21</small>	PROJECT: MAINLINE REPLACEMENT PROGRAM (LGU FUNDED) PHASE 2	SHEET NO.: 02	
	 VERLIN ANN B. LACASTESANTOS-LORIA <small>SENIOR ENGINEER & I.C.E. DESIGN DIVISION</small>	 REX D. SALE JR., CE <small>REGISTERED ENGINEER & DESIGN DIVISION, ZOWD</small>	 EDITO M. BAUTISTA JR., CE <small>OFFICER IN CHARGE DESIGN DIVISION, ZOWD</small>	 MARLU P. ACOSTA-DE FIESTA <small>DWA, ENGINEERING & CONSTRUCTION DEPARTMENT OIC, TECHNICAL SERVICES GROUP, ZOWD</small>	 REYNALDO R. RANGEL <small>ACTING GENERAL MANAGER, ZOWD</small>	SHEET CONTENT: AS INDICATED		