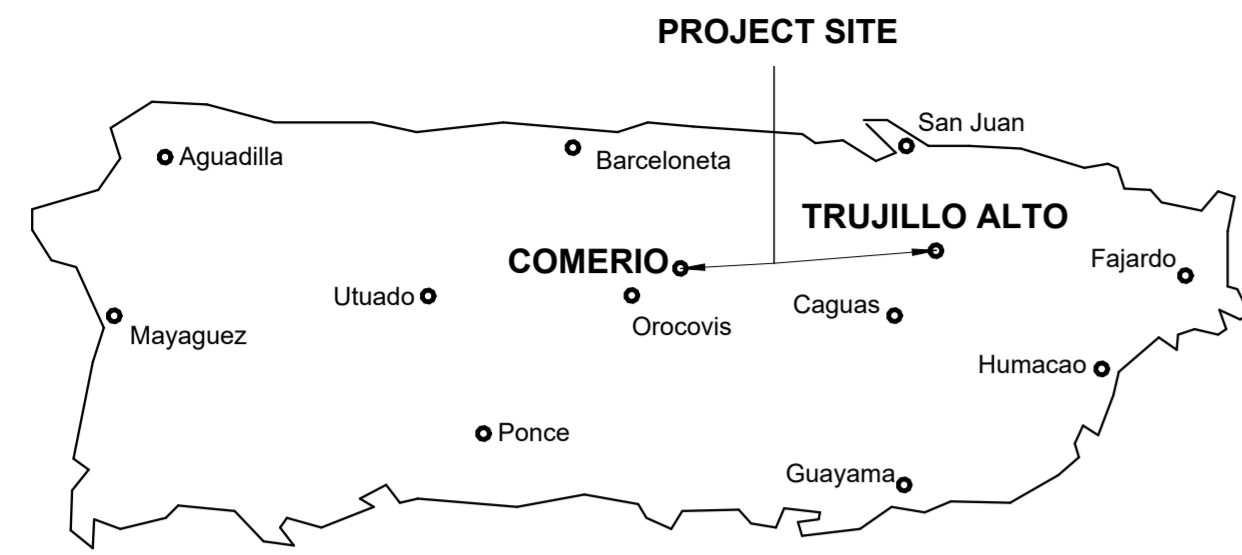


DRAWINGS



METRO REGION STAGE 1 BID PACKAGE M1-4 PRIDCO-FEMA 4339 DR PROGRAM

REPAIR AND IMPROVEMENTS OF PUERTO RICO INDUSTRIAL BUILDINGS OF THE INDUSTRIAL DEVELOPMENT COMPANY FOR THE:

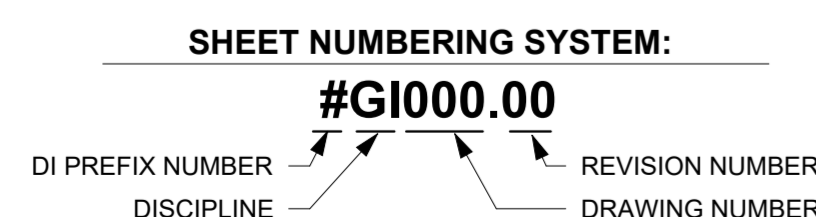
1. PW: 9522/ DI: 407776 / Bldg: #S075606600 / Mun: PR 778 KM 0.9, Vega Redonda, Comerio, PR 00782
2. PW: 8583 / DI: 407866 / Bldg: #T13940861 / Mun: Carr. #860, Bo. Las Cuevas, Trujillo Alto, Puerto Rico 00976
3. PW: 8583 / DI: 407868 / Bldg: #T142908800 / Mun: Carr. #860, Bo. Las Cuevas, Trujillo Alto, Puerto Rico 00976

INDEX OF DRAWINGS - PW 9522, DI 407776			
Discipline	Sheet Number	Current Revision	Sheet Name
00GENERAL	1GI001		COVER SHEET-DI-407776
00GENERAL	1GI002		GENERAL NOTES, ABBREVIATIONS AND LEGEND
03ARCHITECTURAL	1AE101		SITE PLAN BUILDING # DI-407776
05DETAILS	1DT501		DETAILS AND SPECIFICATIONS
05DETAILS	1DT502		DETAILS AND SPECIFICATIONS
05DETAILS	1DT503		DETAILS AND SPECIFICATIONS
05DETAILS	1DT504		DETAILS AND SPECIFICATIONS

INDEX OF DRAWINGS - PW 8583, DI 407866			
Discipline	Sheet Number	Current Revision	Sheet Name
00GENERAL	2GI001		COVER SHEET-DI-407866
00GENERAL	2GI002		GENERAL NOTES, ABBREVIATIONS AND LEGEND
03ARCHITECTURAL	2AE101		SITE PLAN BUILDING # DI-407866
05DETAILS	2DT501		DETAILS AND SPECIFICATIONS

INDEX OF DRAWINGS - PW 8583, DI 407868			
Discipline	Sheet Number	Current Revision	Sheet Name
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00GENERAL	3GI002		GENERAL NOTES, ABBREVIATIONS AND LEGEND
03ARCHITECTURAL	3AE101		SITE PLAN BUILDING # DI-407868
05DETAILS	3DT501		DETAILS AND SPECIFICATIONS

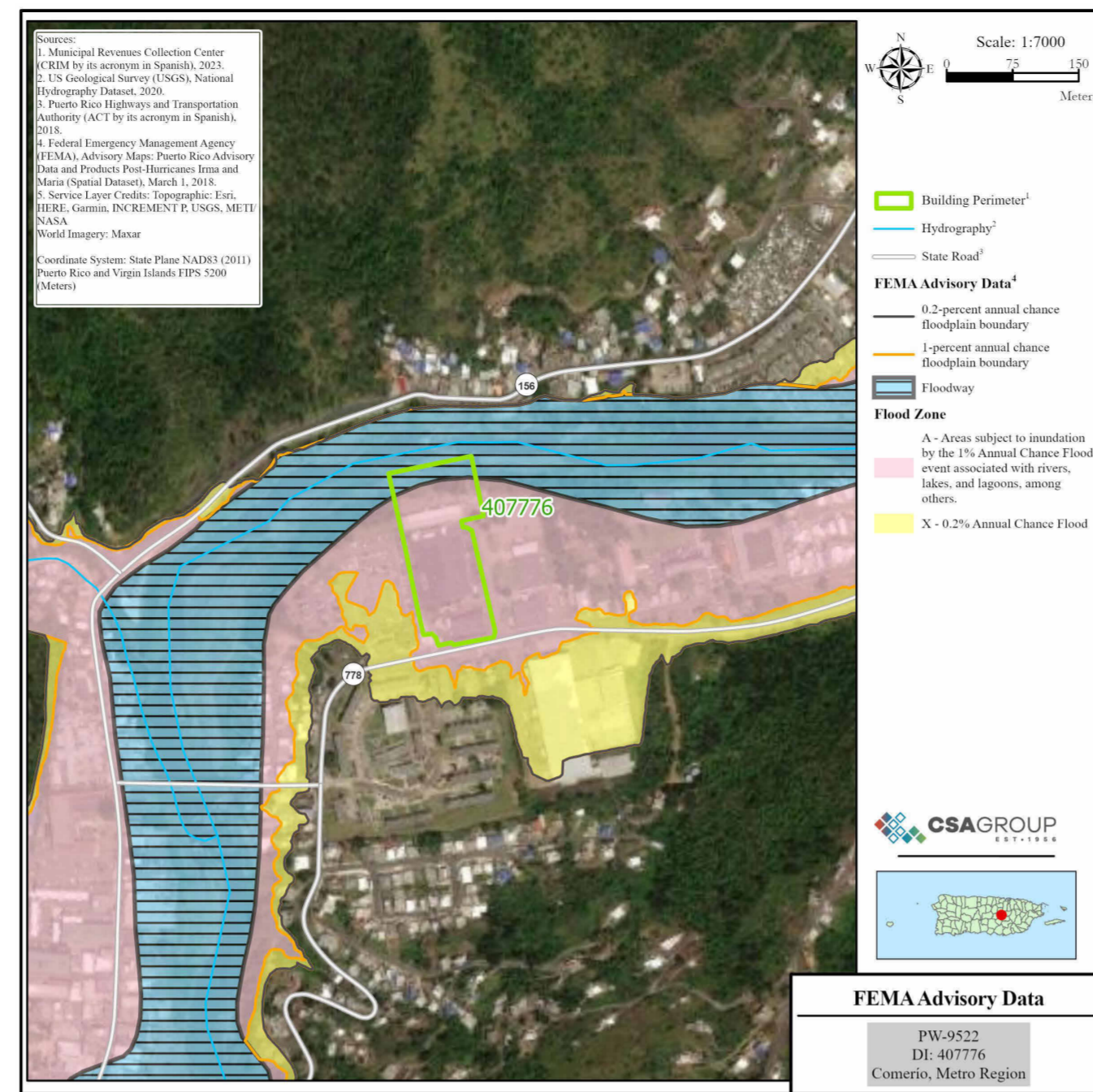
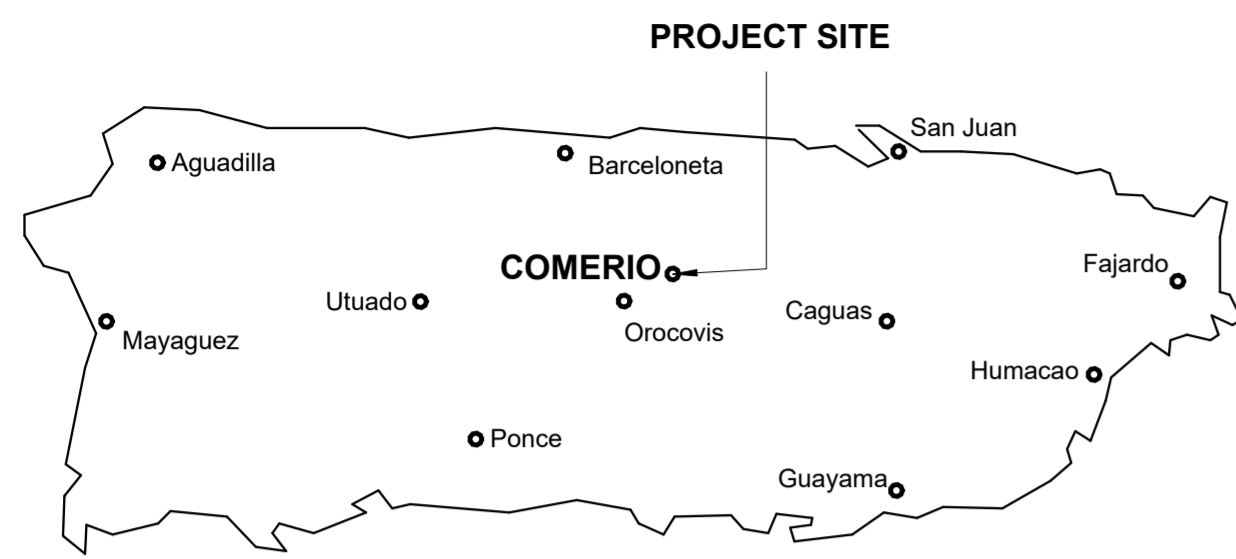
JUNE 10, 2024



PUERTO RICO
INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO



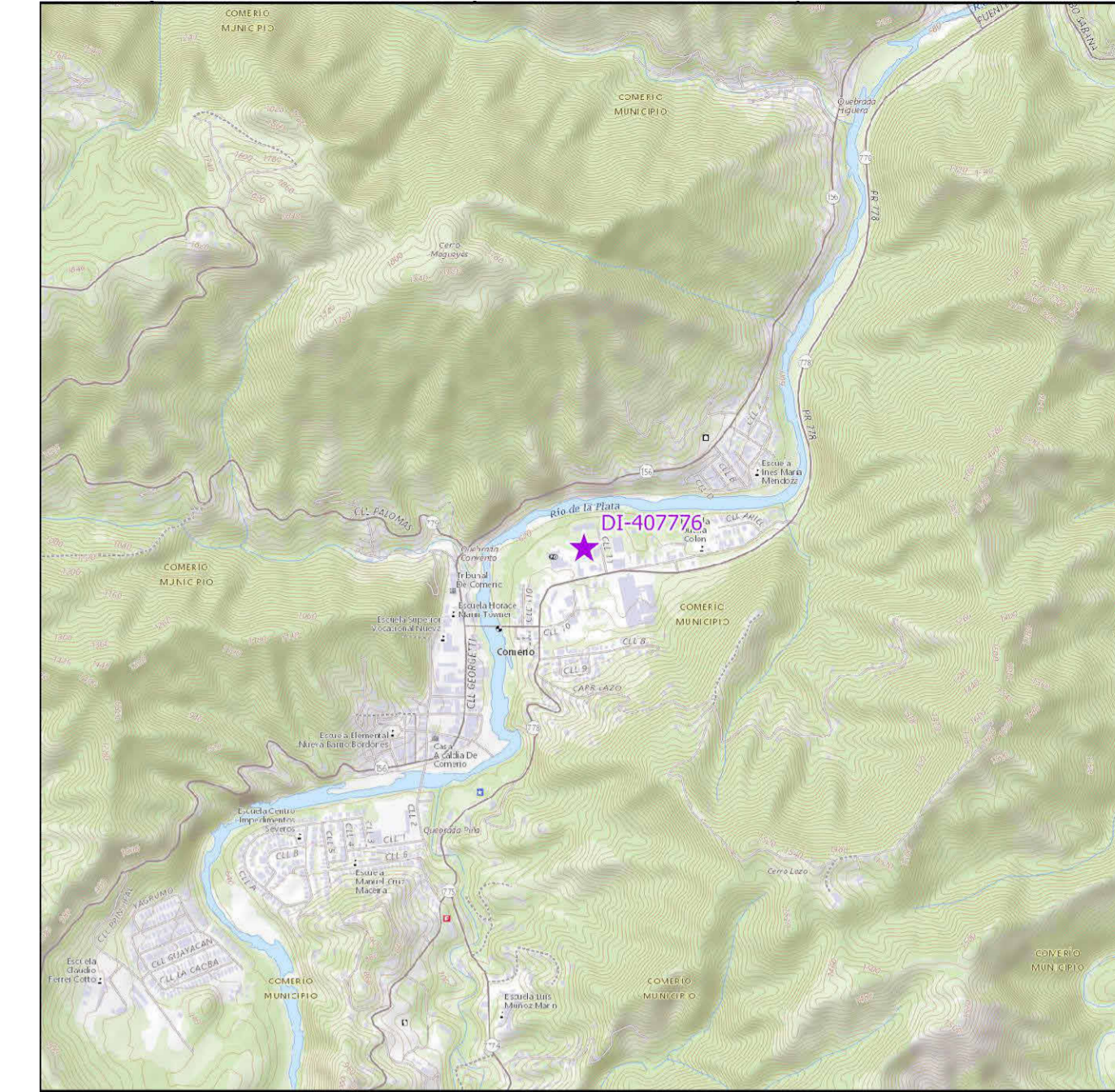
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SHEET NO. 0GI000	



FLOOD MAP



AERIAL PHOTO



LOCATION MAP
SCALE 1:20,000

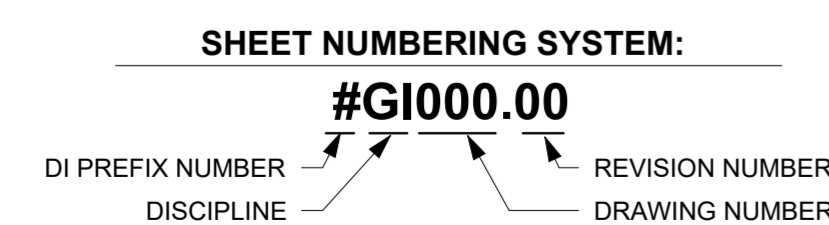
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00GENERAL	1GI002		GENERAL NOTES, ABBREVIATIONS AND LEGEND
03ARCHITECTURAL	1AE101		SITE PLAN BUILDING # DI-407776
05DETAILS	1DT501		DETAILS AND SPECIFICATIONS
05DETAILS	1DT502		DETAILS AND SPECIFICATIONS
05DETAILS	1DT503		DETAILS AND SPECIFICATIONS
05DETAILS	1DT504		DETAILS AND SPECIFICATIONS

PRIDCO-FEMA 4339 DR PROGRAM METRO REGION STAGE 1 BID PACKAGE [M1-4]

REPAIR AND IMPROVEMENTS OF INDUSTRIAL BUILDINGS OF THE PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY FOR THE:

1. PW: 9522/ DI: 407776 / Bldg: #S075606600 / Mun: PR 778 KM 0.9, Vega Redonda, Comerio, PR 00782

JUNE 10, 2024



PUERTO RICO
INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO



DRAWING INFORMATION:
SHEET TITLE:

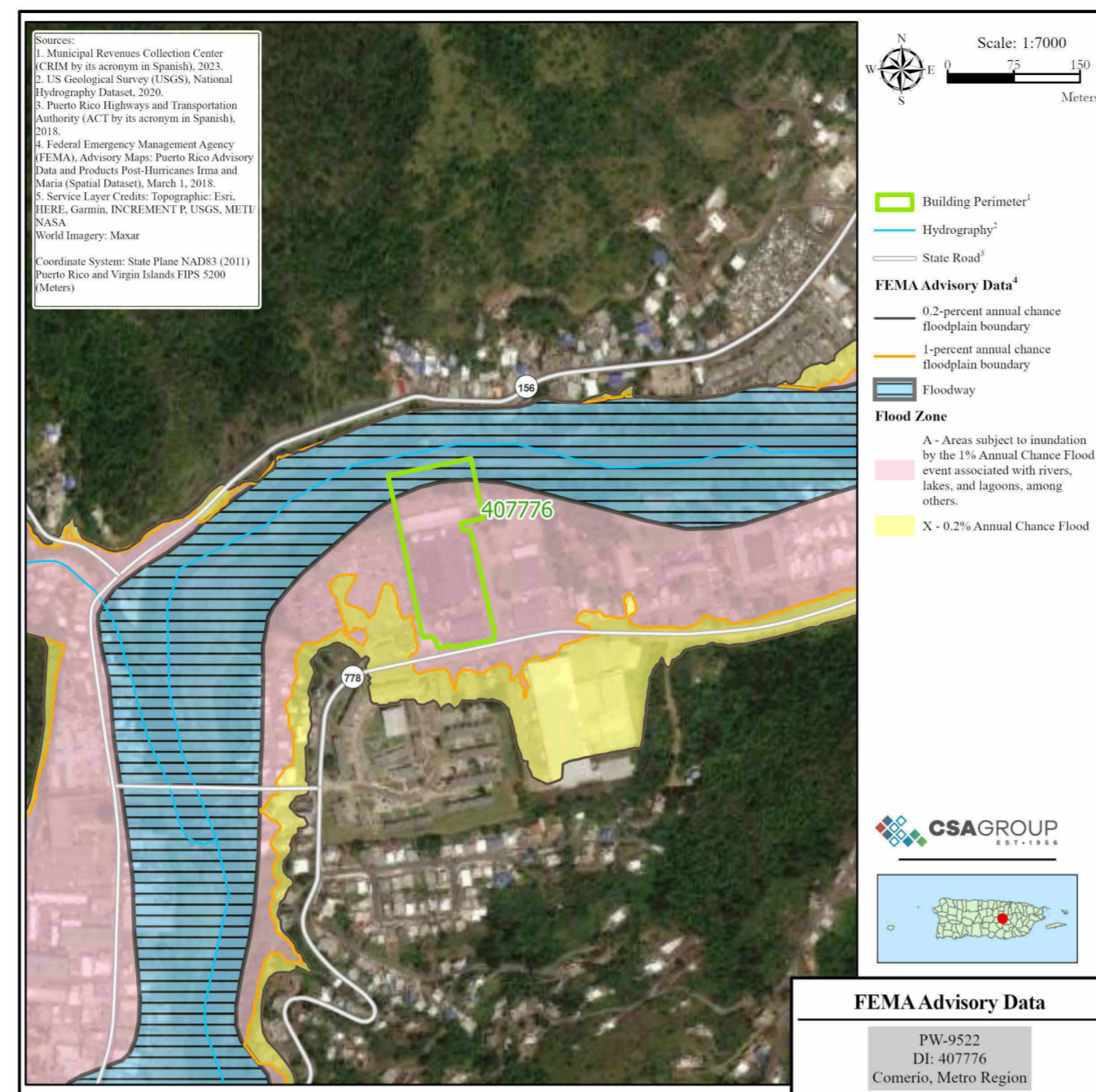
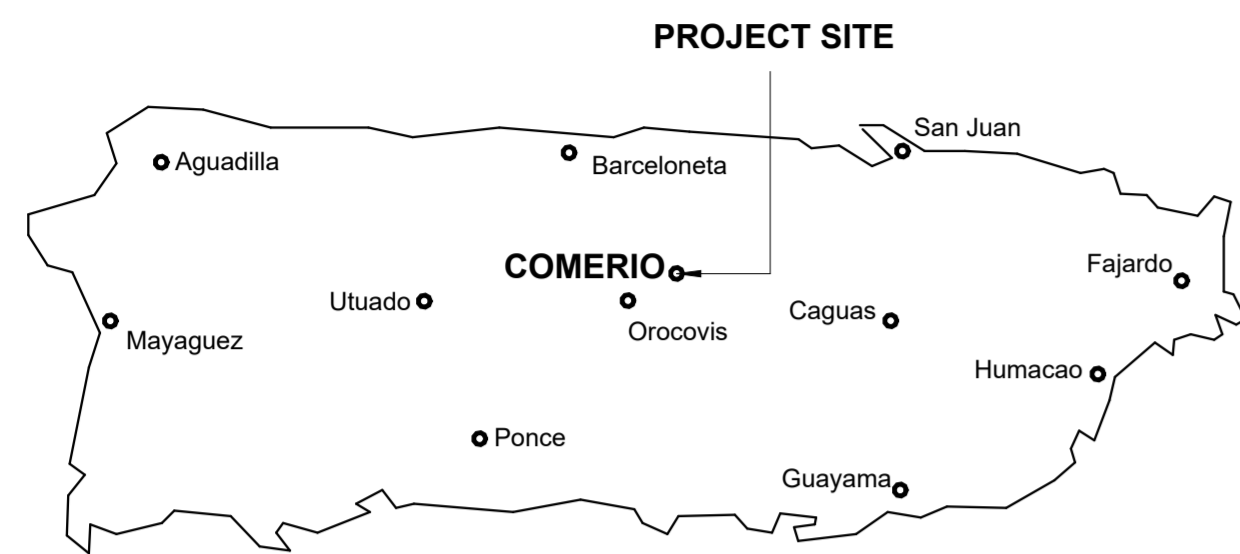
COVER SHEET-PW-9522

SCALE:

AS SHOWN

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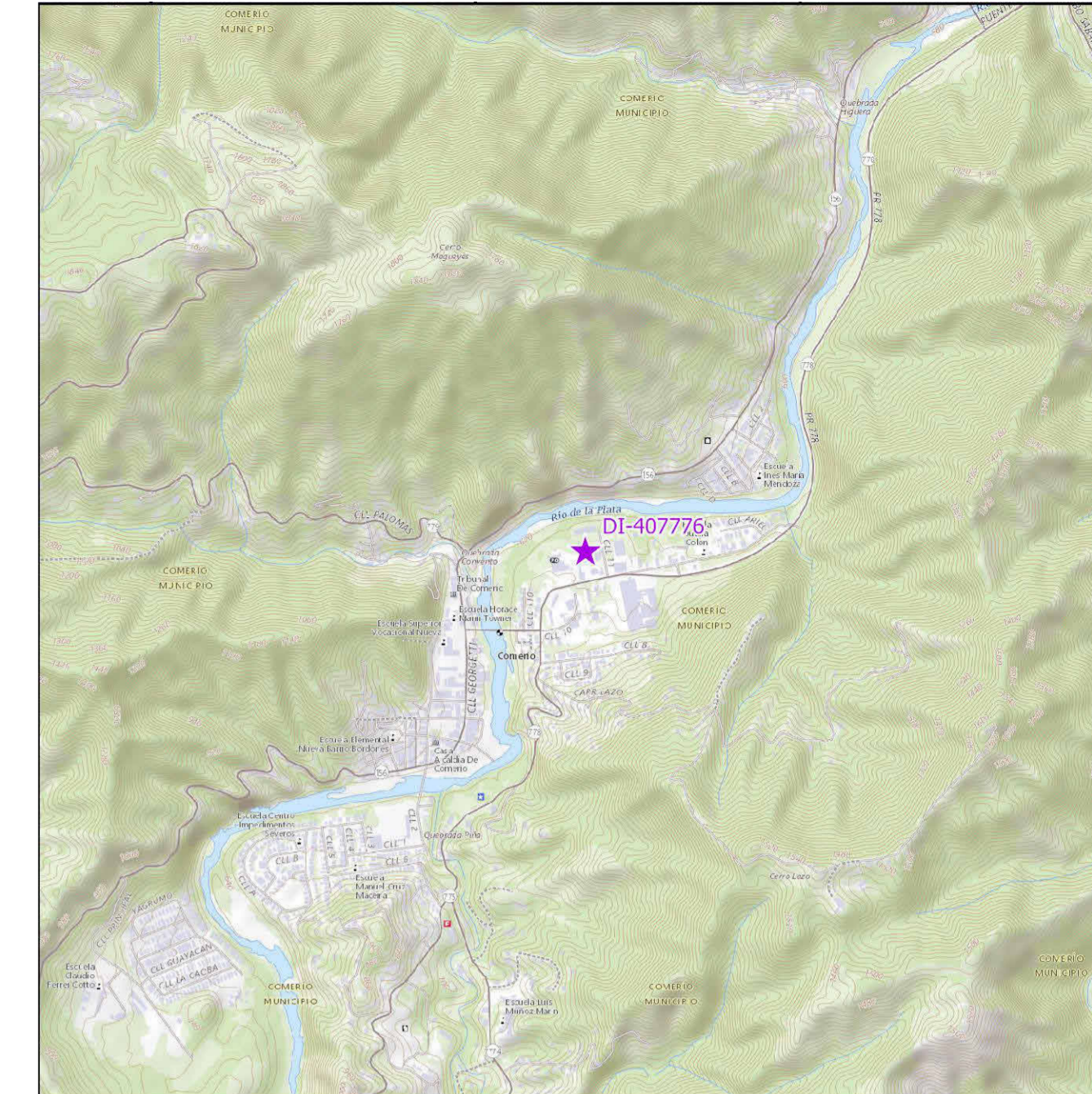
SHEET NO.
0GI001



FLOOD MAP



AERIAL PHOTO
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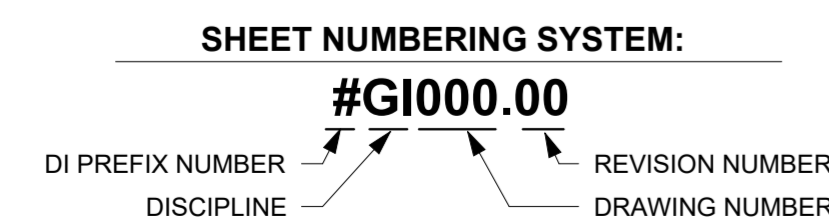
LOCATION MAP
SCALE 1:20,000

INDEX OF DRAWINGS - PW 9522, DI 407776			
Discipline	Sheet Number	Current Revision	Sheet Name
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00GENERAL	1GI002		GENERAL NOTES, ABBREVIATIONS AND LEGEND
03ARCHITECTURAL	1AE101		SITE PLAN BUILDING # DI-407776
05DETAILS	1DT501		DETAILS AND SPECIFICATIONS
05DETAILS	1DT502		DETAILS AND SPECIFICATIONS
05DETAILS	1DT503		DETAILS AND SPECIFICATIONS
05DETAILS	1DT504		DETAILS AND SPECIFICATIONS

PRIDCO-FEMA 4339 DR PROGRAM METRO REGION STAGE 1 BID PACKAGE [M1-4]

1. PW: 9522/ DI: 407776 / Bldg: #S075606600 / Mun: PR 778 KM 0.9, Vega Redonda, Comerio, PR 00782

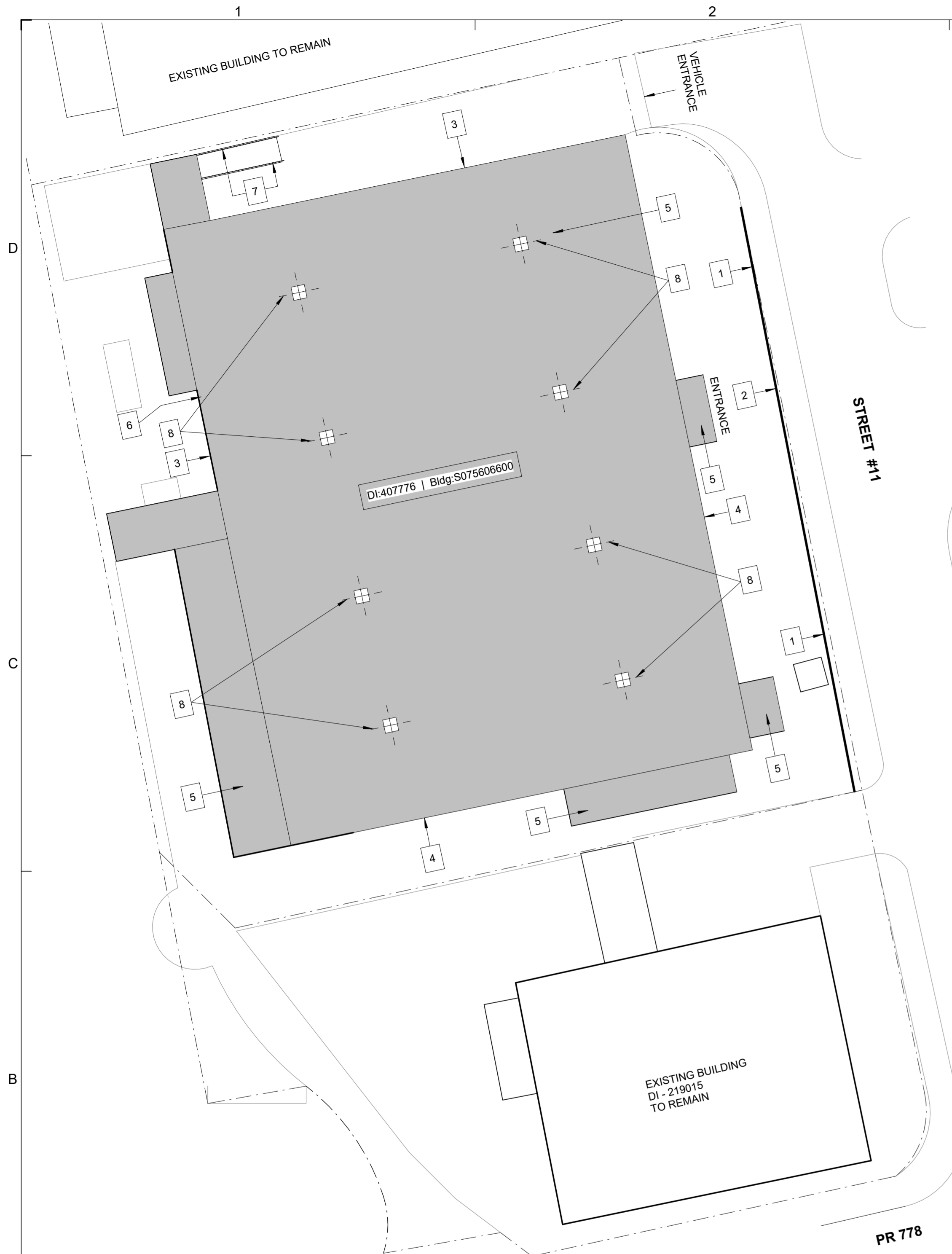
JUNE 10, 2024



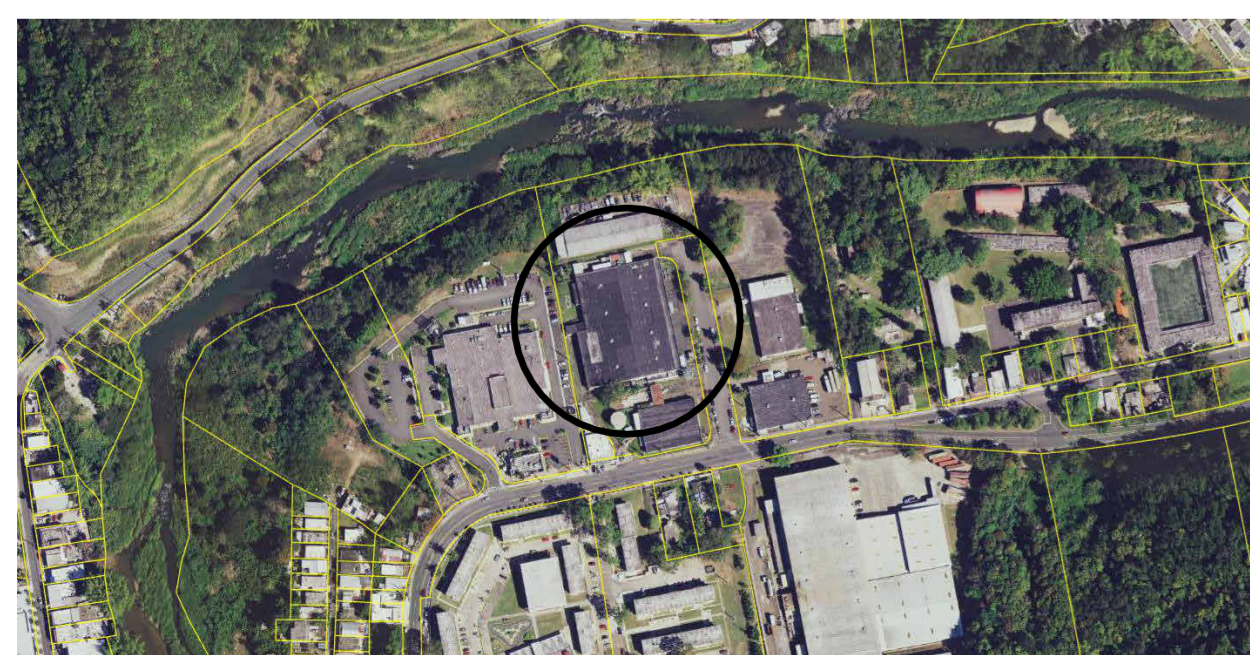
PUERTO RICO
INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO



DRAWING INFORMATION:	
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DELIVERY DATE:	PROJECT NUMBER:
8/8/2024 10:51:57 AM	21-0259-02
DRAWING / MODEL LOCATION:	BIM FILE NAME:
SHEET NO.	1GI001



2 SITE PLAN DI-407776
N.T.S.



1 KEY PLAN DI-407776
N.T.S.

DETAIL NUMBER **1 / DT501** SHEET WHERE DETAIL RESIDES

NOTE: SEE GENERAL NOTES, ITEM #7 IN 1G1002

CONSTRUCTION KEY NOTES SCHEDULE DI - 407776

#ID	TYPE OF DAMAGE	DESCRIPTION	DIMENSION	QUANTITY	DETAIL	TECHNICAL SPECS	PHOTO
1	Public Assistance (PA)	Chain link fence, 130 LF long x 6 FT high, Galv. Ga. No. 9, Post - 2-1/2" inch diam galv., 3-strands Barbed Wire (4-point) (Remove and dispose of the damaged chain-link fence section. Clear obstructions and install a new chain-link fence in-kind per manufacturer's guidelines and code regulations.)	130 LF long x 6 FT	130 LF	1 / 1DT503 2 / 1DT503	323113	
2	Public Assistance (PA)	Removal, disposal and Install a new Chain Link Cantilever Slide Gate 1 (EA) = 20FT x H= 6 FT) with all its accessories	20 FT x H= 6 FT	20 LF	1 / 1DT504 2 / 1DT504 3 / 1DT504 4 / 1DT504 5 / 1DT504	323113	
3	Additional Damages	Aluminum Flashing, Ga. 0.032, 6 in. (Remove and dispose of damaged material. Clean and prepare the surface. Install new flashing on the north and west sides according to the manufacturer's instructions and applicable codes. (820 LF)	820 LF x 6 in	820 LF	7 / 1DT501	075552.16	
4	Additional Damages	Aluminum Flashing, Ga. 0.032, 12 in. (Remove and dispose of damaged material. Clean and prepare the surface. Install new flashing on the east and south sides in accordance with the manufacturer's instructions and applicable codes. (444 LF)	444 LF x 12 in	444 LF	8 / 1DT501	075552.16	
5	Additional Damages	Waterproofing Membrane, 48,802 SF 2-Ply Styrene Butadiene Styrene (SBS) Modified Bituminous composite reinforced roofing system. (Replace the entire roof's waterproofing membrane system. Remove and dispose of the existing membrane. Clean and prepare the surface. Install the new membrane and accessories per manufacturer's instructions and energy code requirements.)	48,802 SF	48,802 SF	6 / 1DT501	070150.19, 075552.16	
6	Additional Damages	Install 1.5" Fire Hose (100 FT) Rack and Extinguisher Cabinet in accordance with specifications. Surface Model 32" x 42" x 9.25" Inside Box. Place on the interior wall surface next to the west side exit door at 75 ft approximately from the north wall. Install at a height of 42 inches from the finished floor to the centerline of the valve.	32 in x 42 in x 9.25 in	1 EA	1 / 1DT502	104413	
7	Additional Damages	Ramps Handrails, 50 FT Length x 42 in Height (Remove and install new guardrail and handrails per manufacturer's guidelines and applicable codes.) The ramp requires a curb (see details).	50 FT Length x 42 in	50 LF	1 / 1DT501 2 / 1DT501 3 / 1DT501 4 / 1DT501 5 / 1DT501	055213	
8	Additional Damages	Add 8 ea. of roof Equipment Anchoring Assembly to protect exhaust fans hood cover from high wind pressures.		8 EA	2 / 1DT502 3 / 1DT502	233416	
9	Hazard Mitigation (HMP)	When replacing roof membrane, install an additional SBS modified bitumen cap sheet (last layer) to the whole roof area and air sheet barrier to help absorb energy from flying debris and protect roof membranes below, helping to mitigate damage to the roof and interior damages from water infiltration.	48,802 SF	48,802 SF	6 / 1DT501	070150.19, 075552.16	
		Lead Based Paint Abatement. (Ref. General Notes on 1G1002)			"Ref..." for Quantities and Locations"	Ref. GES-LBP Report for Quantities and Locations	



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ISSUE FOR BID

Issue Date

REV	DATE	DESCRIPTION

DISCIPLINE INFORMATION:
 PRIME PROFESSIONAL:
 ANNETTE ALFONSO
 PROFESSIONAL OF RECORD:
 ANNETTE ALFONSO
 STAFF DESIGNER:
 CARLOS COLON
 Q.C. AUDITOR:
 PRINCIPAL CAD TECHNICIAN:
 PROFESSIONAL'S STATEMENT:
 YO, ANNETTE ALFONSO
 NUM. LIC. 12304

CERTIFICADO QUE SOY EL PROFESIONAL QUE (CONFECCIONO, DISEÑO O PREPARO) ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN, CERTIFICO QUE ENTiendo QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 14 DE 8 DE ENERO DE 2004, SEGUN ENMENDADA, CONCORDA COMO LA "LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA (LEY NUM. 319 DE 15 DE MAYO DE 1938, SEGUN ENMENDADA; LEY NUM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGUN APLIQUE) RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGP.

PROJECT:
PRIDCO DAMAGE IMPROVEMENTS
METRO REGION STAGE 1
BID PACKAGE M1-4
PW: 9522 / COMERIO

DATE	ISSUE DESCRIPTION

DRAWING INFORMATION:
 SHEET TITLE:
SITE PLAN BUILDING # DI-407776

SCALE:
AS SHOWN

DELIVERY DATE:	PROJECT NUMBER:
8/8/2024 10:52:04 AM	21-0258-02
DRAWING / MODEL LOCATION:	BIM FILE NAME:
SHEET NO.	
1AE101	
OF	

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FOR:
INDUSTRIAL DEVELOPMENT COMPANY PRIDCO

ISSUE FOR BID

Issue Date

REV	DATE	DESCRIPTION

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PRIME PROFESSIONAL:
ANNETTE ALFONSO
PROFESSIONAL OF RECORD:
ANNETTE ALFONSO
STAFF DESIGNER:
CARLOS COLON
C.C. AUDITOR:

PROFESSIONAL'S STATEMENT:

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PROJECT:
PRIDCO DAMAGE IMPROVEMENTS METRO REGION STAGE 1 BID PACKAGE M1-4 PW: 9522 / COMERIO

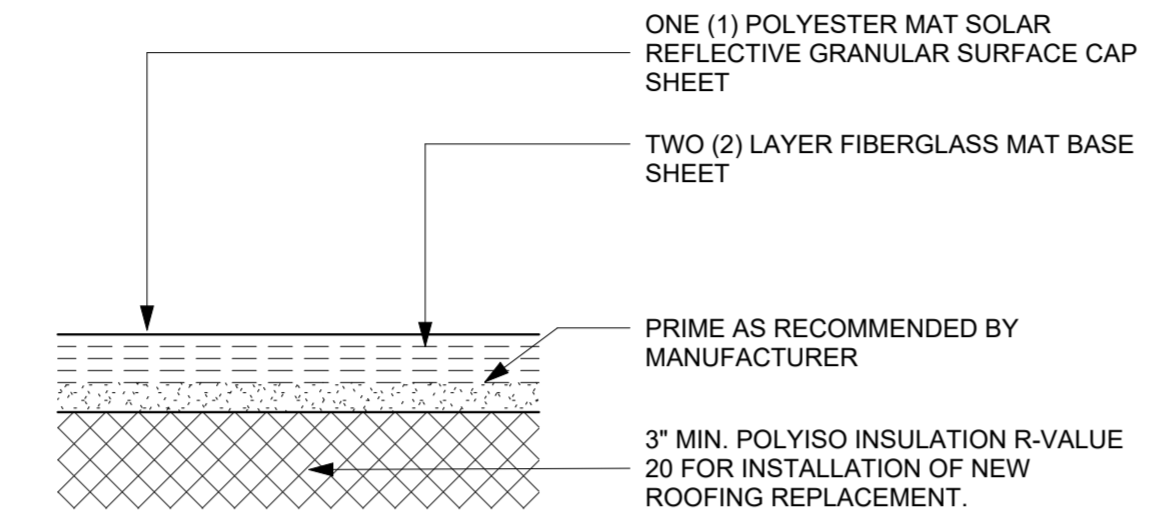
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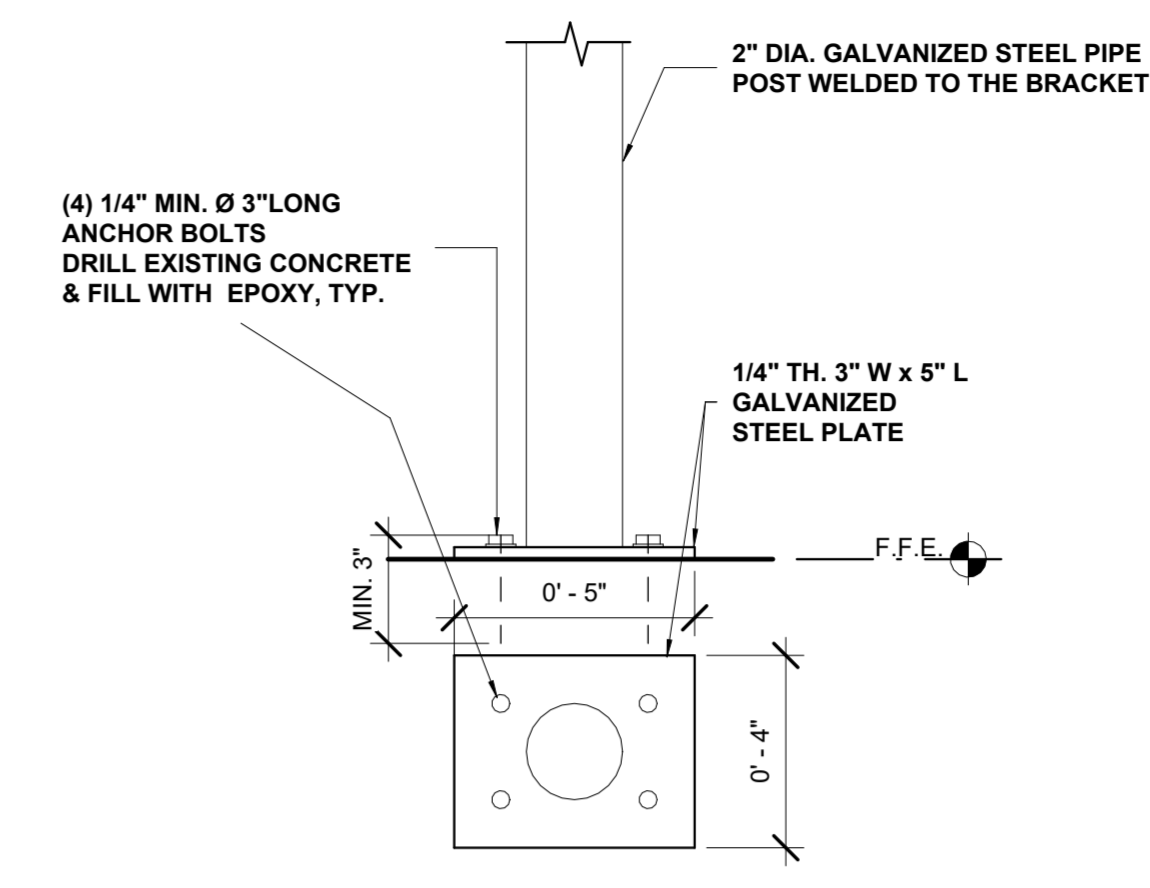
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SCALE:
AS SHOWN

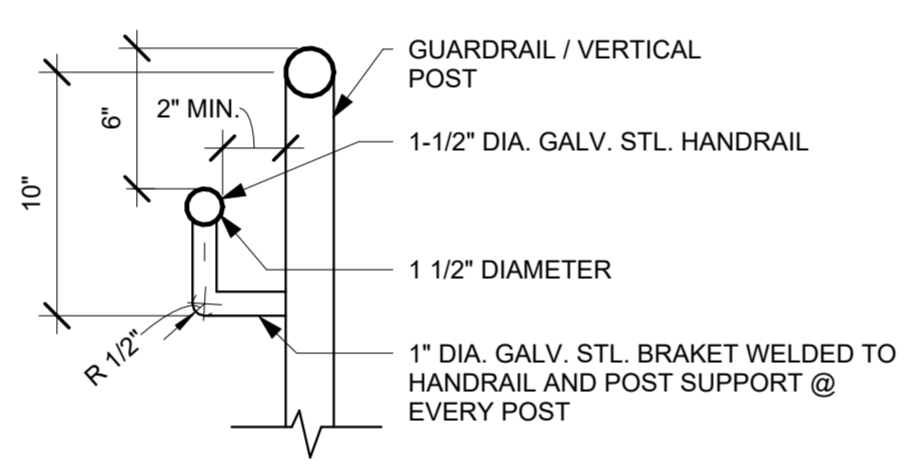
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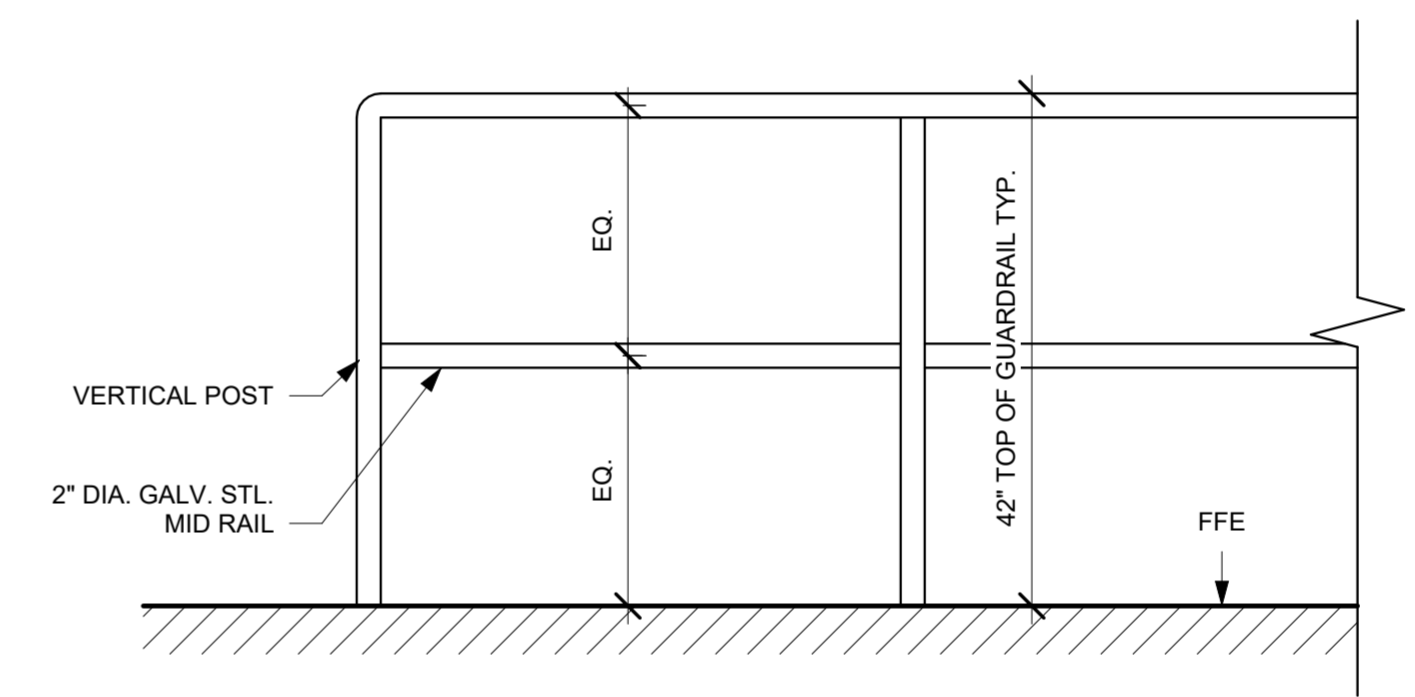
6 3 PLY SBS MODIFIED BITUMINOUS MEMBRANE SECTION DETAIL
N.T.S.



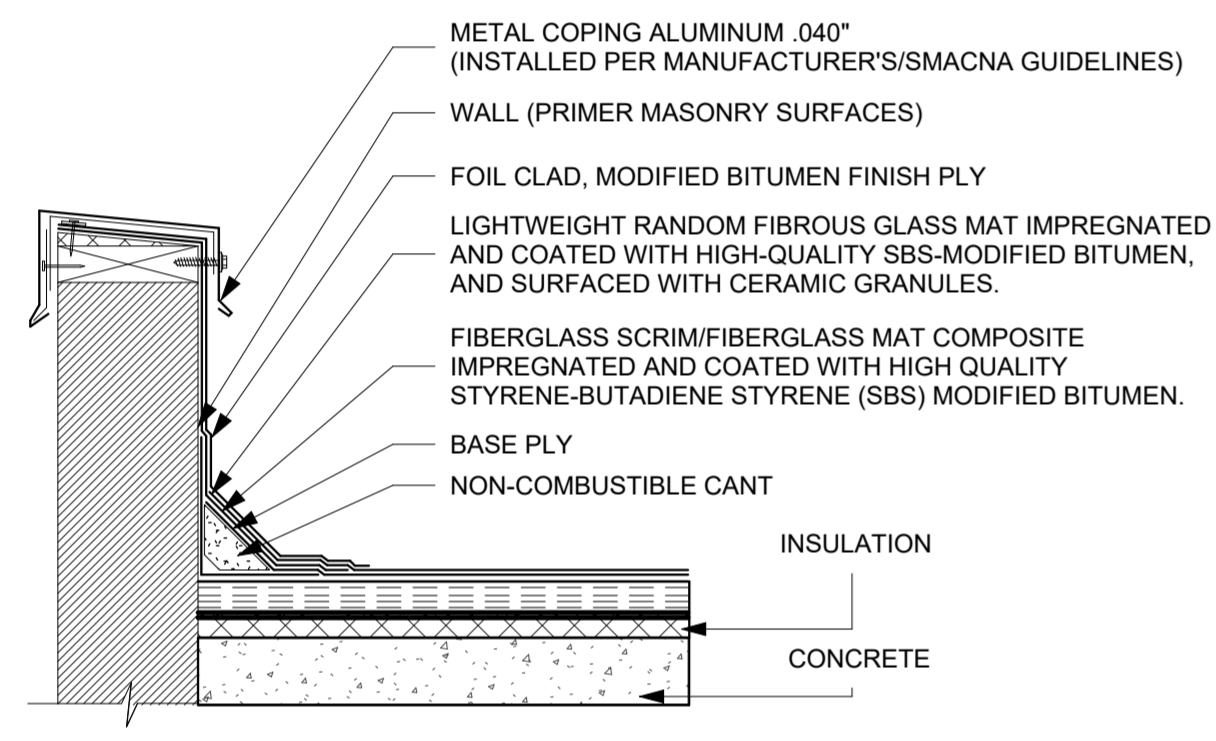
3 GUARDRAIL POST ANCHORAGE DETAIL
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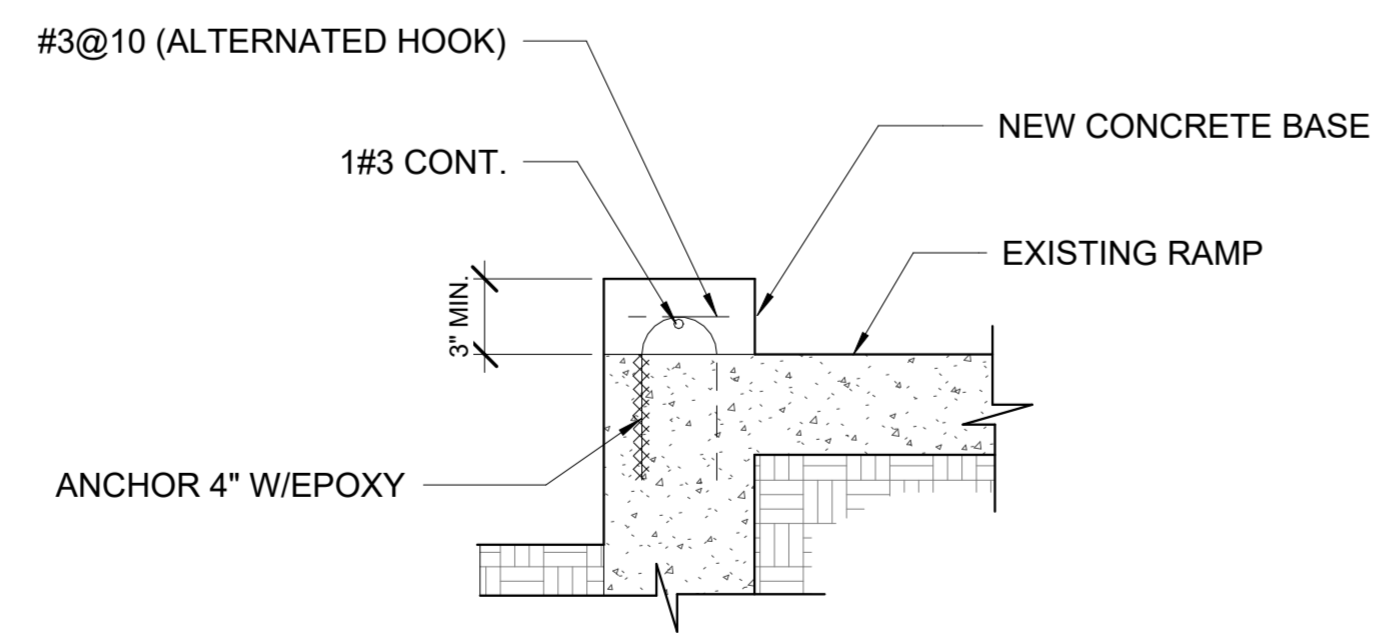
5 HANDRAIL BRACKET DETAIL
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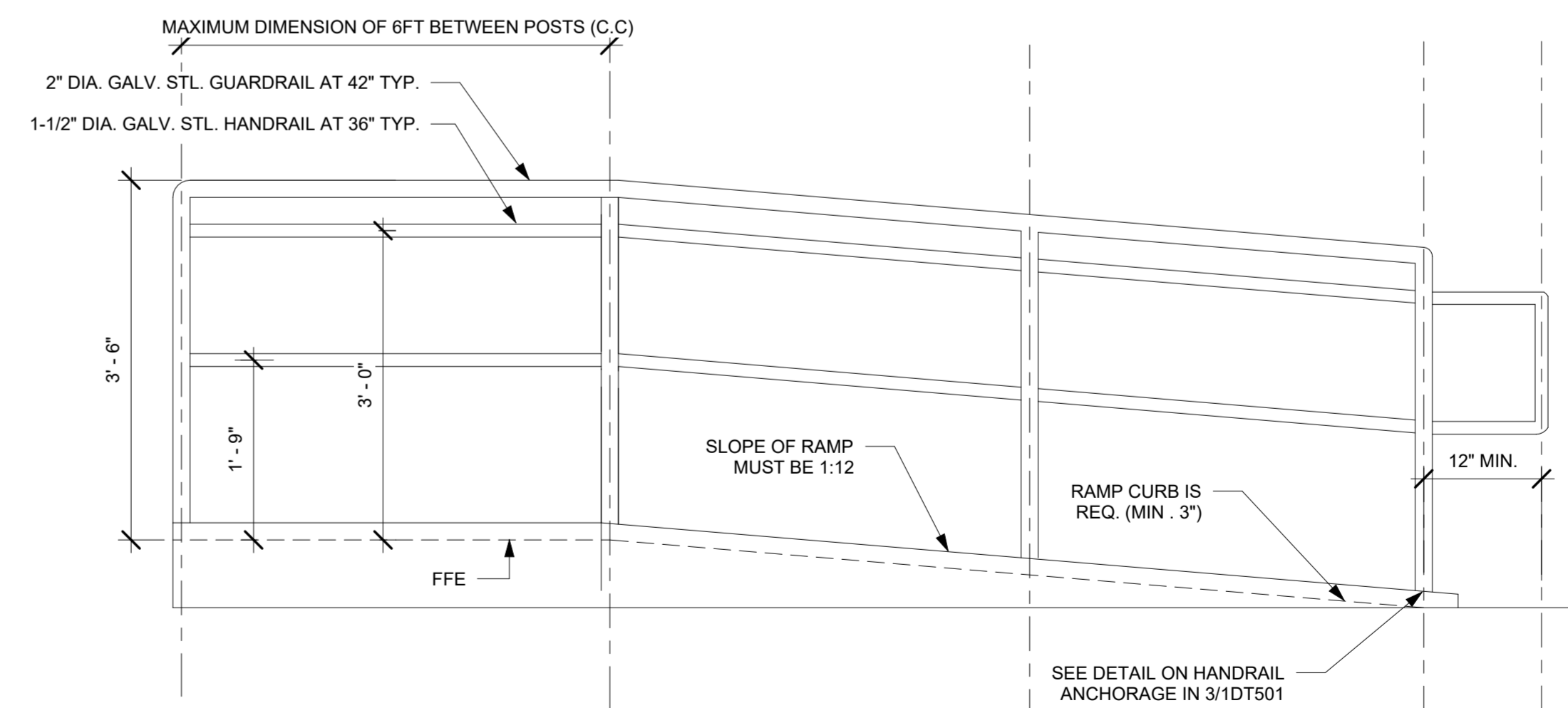
2 GUARDRAIL ELEVATION DETAIL
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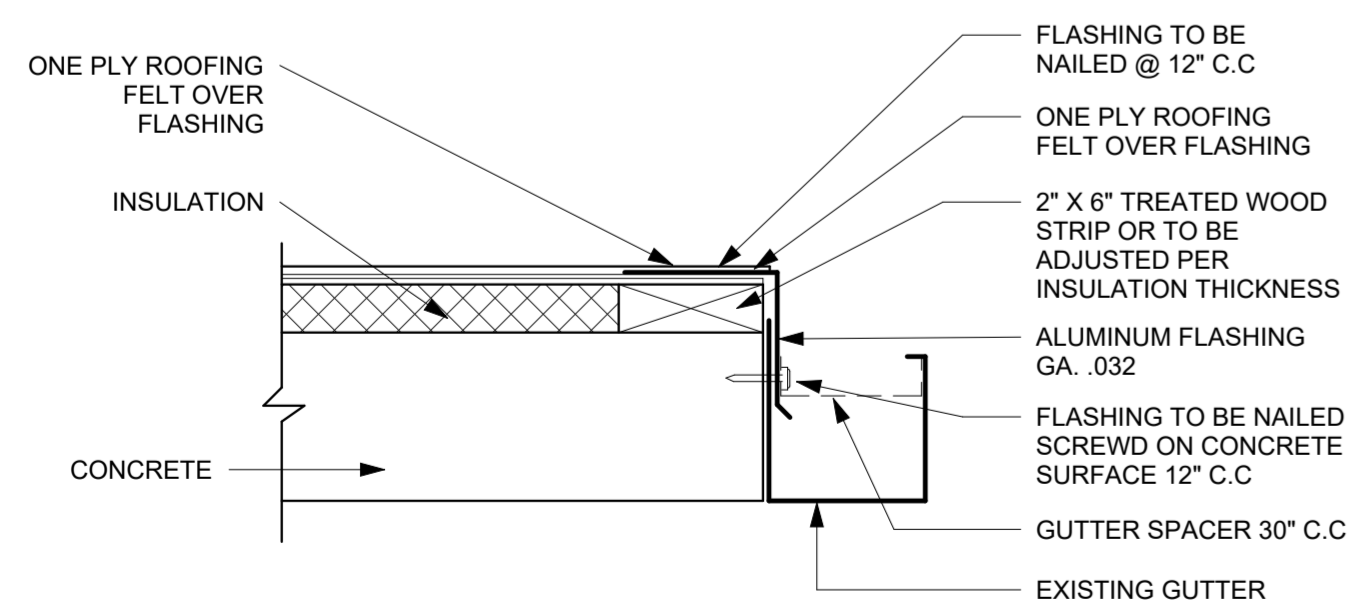
8 CAP PARAPET FLASHING DETAIL
N.T.S.



4 HANDRAIL CONCRETE BASE DETAIL
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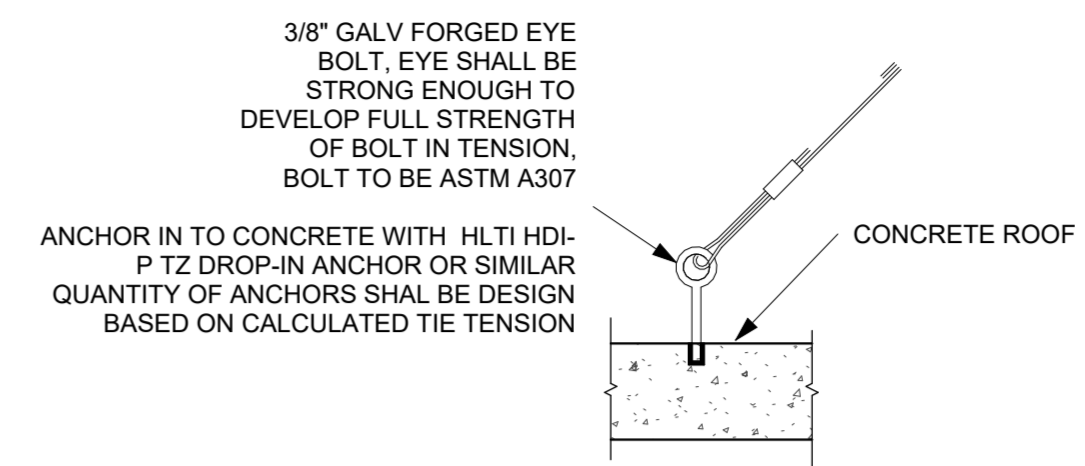


1 RAMP SIDE ELEVATION DETAIL
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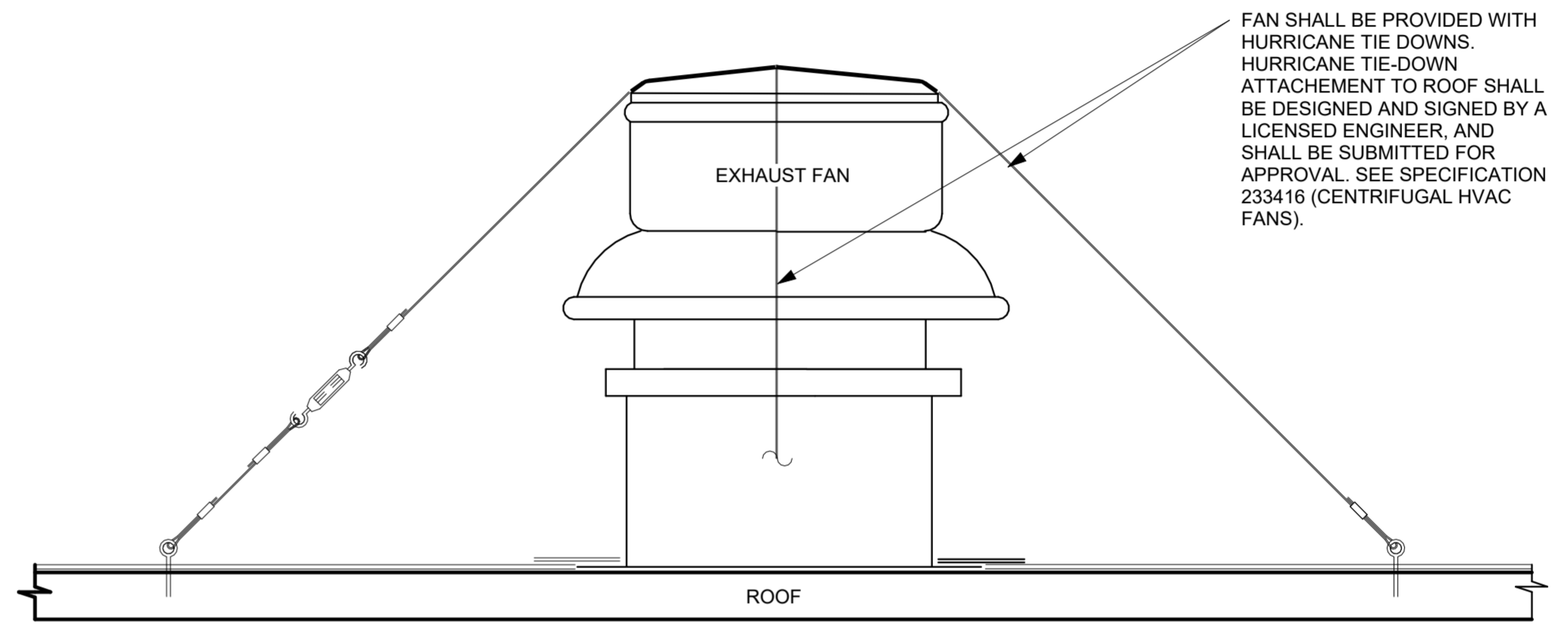


7 ROOF EDGE FLASHING DETAIL
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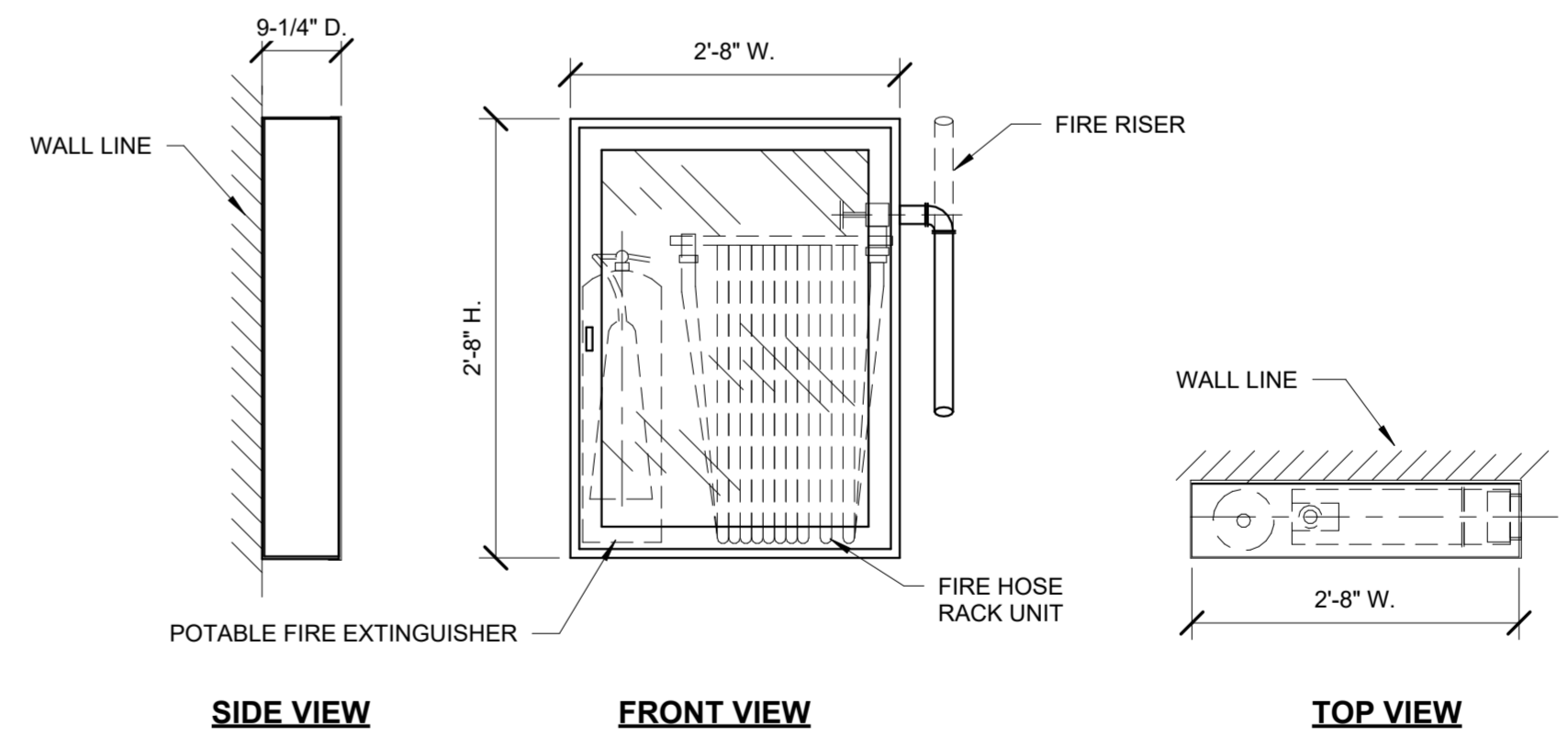
NOTES:
FLASHING TO BE NAILED IF WOODEN IS EMBEDDED IN OVERHANG. IF NOT, FLASHING MUST BE SCREWED USING 3/16" X 1 1/4" TAPCON ANCHORS. (HEX. HEAD)
IN EACH CASE SEPARATION OF NAILS OR SCREWS SHALL BE 12" C.C.



3 EXHAUST FAN ROOF TIE-DOWN ANCHOR DETAIL - CONCRETE
N.T.S.



2 EXHAUST FAN ROOF TIE-DOWN
N.T.S.



NOTE:
PROVIDE AND INSTALL WHERE INDICATED ON DRAWINGS POTTER ROEMER FIG. NO. AL-1452 SURFACE MOUNTED FIRE HOSE CABINET, WITH ALUMINIUM DOOR AND FRAME WITH FULL GLASS DOOR STYLE, SUFFIX-A, CONTAINING FIG. NO. 2710-2-1/2"x2-1/2" HOSE RACK ASSEMBLY AND FIG. NO. 3010 PORTABLE FIRE EXTINGUISHER, OR APPROVED EQUAL EQUIPMENT.

1 FIRE HOSE CABINET DETAIL
N.T.S.

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FOR:
PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY PRIDCO

ISSUE FOR BID

Issue Date

REV	DATE	DESCRIPTION

DISCIPLINE INFORMATION:
PRIME PROFESSIONAL: ANNETTE ALFONSO
PROFESSIONAL OF RECORD: ANNETTE ALFONSO
STAFF DESIGNER: CARLOS COLON
I.C. AUDITOR:
PRINCIPAL CAD TECHNICIAN:

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PROJECT:
PRIDCO DAMAGE IMPROVEMENTS METRO REGION STAGE 1 BID PACKAGE M1-4 PW: 9522 / COMERIO

DATE	ISSUE DESCRIPTION

DRAWING INFORMATION:
SHEET TITLE:

DETAILS AND SPECIFICATIONS

SCALE:
AS SHOWN

DELIVERY DATE:	PROJECT NUMBER:
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DRAWING / MODEL LOCATION:	
SHEET NO.	
1DT502	

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PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY PRIDCO

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 YO, ANNETTE ALFONSO
 NUM. LIC. 12304

CERTIFICADO QUE SOY EL PROFESIONAL QUE (CONFECCIONO, DISEÑO O PREPARO) ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIEN, CERTIFICO QUE ENTIENDO QUE DICHS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PUBLICAS CON JURISDICCION. CERTIFICO, ADEMAS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NUM. 14 DE 8 DE ENERO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSION POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NUM. 319 DE 15 DE MAYO DE 1938, SEGUN ENMENDADA; LEY NUM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGUN APLIQUE) RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGPB.

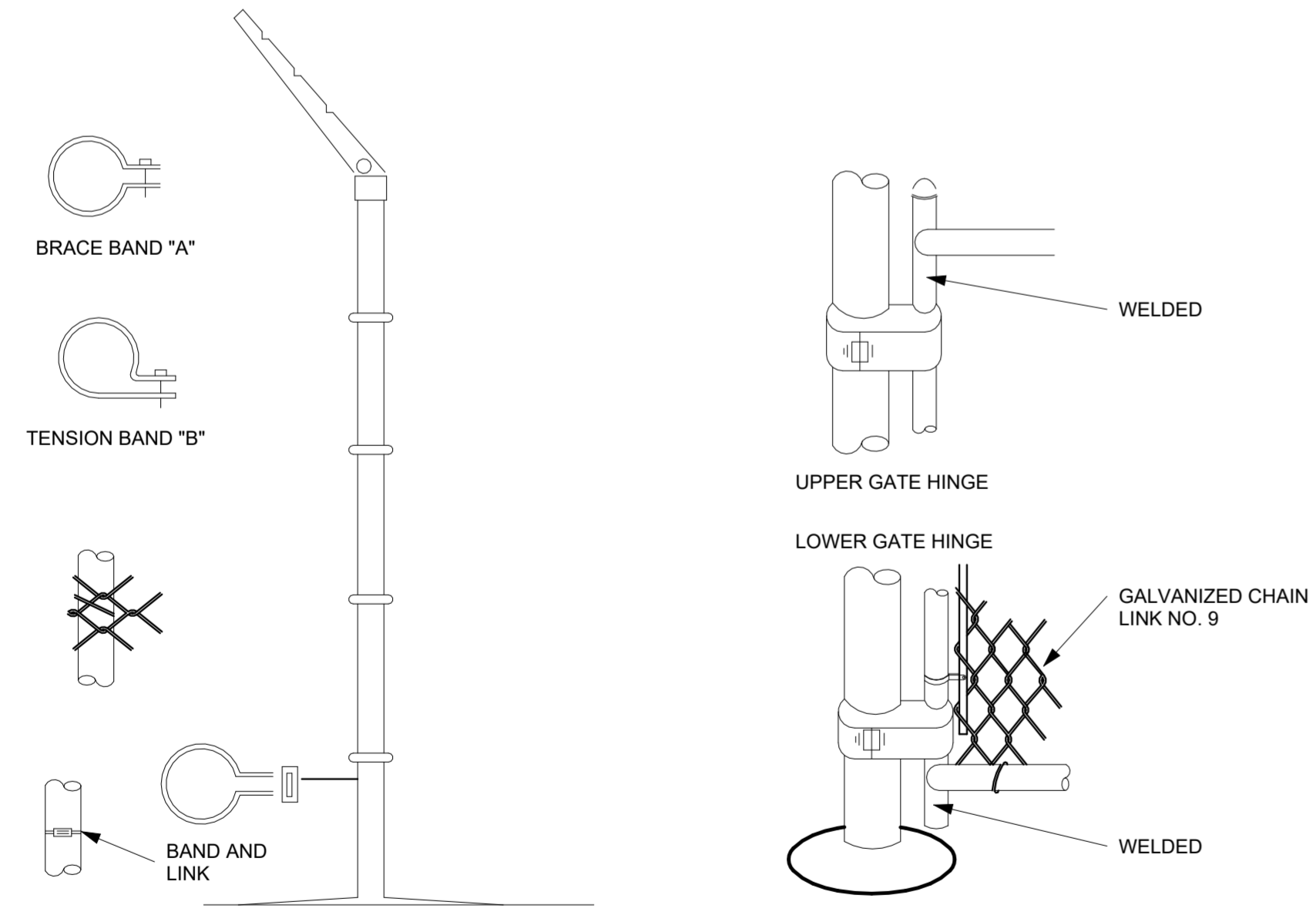
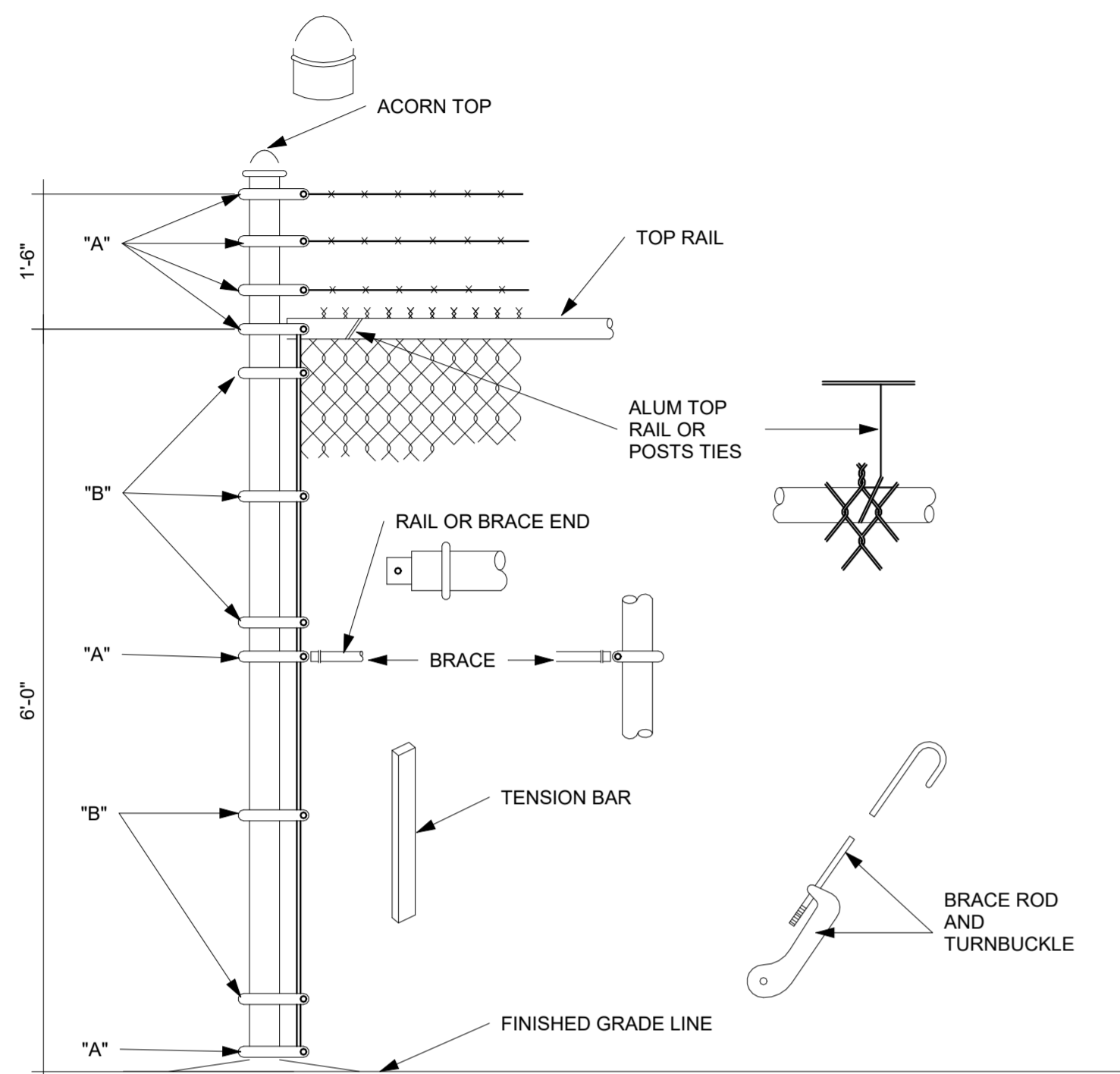
PROJECT:
PRIDCO DAMAGE IMPROVEMENTS METRO REGION STAGE 1 BID PACKAGE M1-4 PW: 9522 / COMERIO

DATE	ISSUE DESCRIPTION

DRAWING INFORMATION:
 SHEET TITLE:
DETAILS AND SPECIFICATIONS

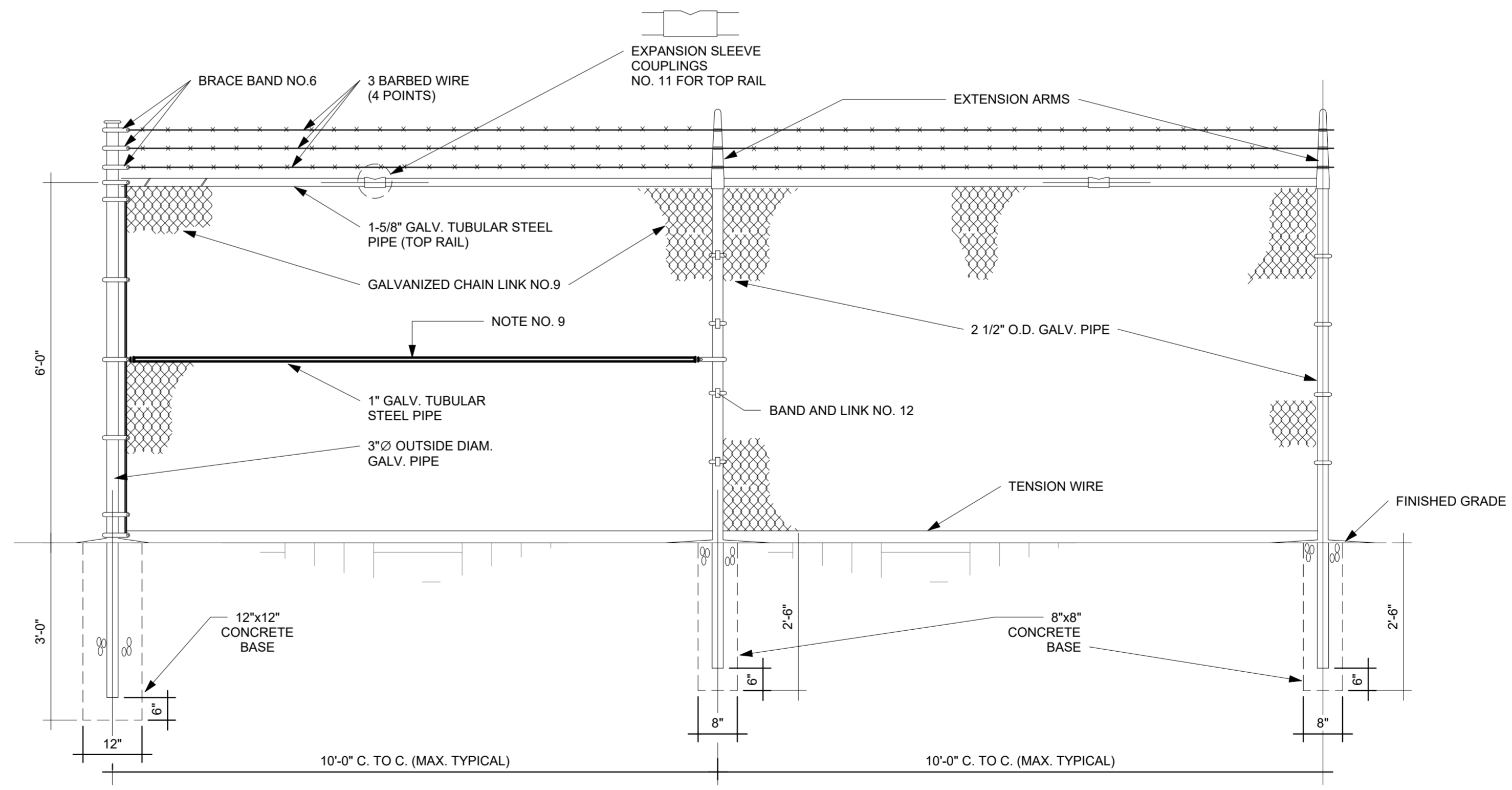
SCALE:
AS SHOWN

DELIVERY DATE:	PROJECT NUMBER: 21-0255-02
PRINT DATE & TIME: 8/8/2024 10:52:06 AM	BIM FILE NAME:
DRAWING / MODEL LOCATION:	SHEET NO. 1DT503



2 INSTALLATION DETAILS FOR CHAIN LINK FENCE & GATES
N.T.S.

- NOTES:**
- CHAIN LINK FENCE - INDUSTRIAL TYPE NO.423
 - LINE POSTS 2 1/2" O.D. GALV. - STD.WEIGHT PIPE-3.85 LBS. PER LIN. FT.
 - TOP RAIL 1 5/8" O.D. GALV. - STD.WEIGHT PIPE-2.27 LBS. PER LIN. FT. (GATE FRAME IDEM.)
 - CORNER POST 3" Ø O.D. GALV. - STD. WEIGHT PIPE - 6.79 LBS. PER LIN. FT.
 - TENSION WIRE GA. NO.7 GALVANIZED
 - GATE POST 4" O.D. GALV. - STD. WEIGHT PIPE - 9.10 LBS. PER LIN. FT.
 - GALVANIZED CHAIN LINK GA. 9-2"X2"-1.2 OUNCES GALVANIZED AFTER WOOVEN.
 - STD. WEIGHT PIPE, SCHEDULE 40A. 120 9. ALL FITTINGS - EXTRA HEAVY DUTY 10. MILL CERTIFICATE SHALL BE SUBMITTED.
 - TUBULAR STEEL PIPE SHALL BE INSTALL EVERY 50'-0" PANEL SPAN (SPAN=10'-0")
 - TUBULAR STEEL PIPE SHALL BE INSTAL EVERY DIRECTIONS CHANGE IN THE FENCE.
 - TUBULAR STEEL PIPE SHALL BE INSTALL AT EACH FENCE END PANEL.
 - ALL FITTINGS - EXTRA HEAVY DUTY.
 - MILL CERTIFICATE SHALL BE SUBMITTED.



1 CHAIN LINK FENCE PARTIAL ELEVATION (ALONG PROPERTY LIMITS)
N.T.S.

THIS DOCUMENT REPRESENTS THE IDEAS AND EFFORTS OF CSA ARCHITECTS AND ENGINEERS. IT SHALL BE USED ONLY BY AUTHORIZED PERSONS AND SHALL NOT BE REPRODUCED OR EXHIBITED WITHOUT WRITTEN CONSENT OF CSA ARCHITECTS AND ENGINEERS.

FOR:
PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY PRIDCO

ISSUE FOR BID

Issue Date

REV	DATE	DESCRIPTION

DISCIPLINE INFORMATION:
PRIME PROFESSIONAL:
ANNETTE ALFONSO
PROFESSIONAL OF RECORD:
ANNETTE ALFONSO
STAFF DESIGNER:
CARLOS COLON
I.C. AUDITOR:

PRINCIPAL CAD TECHNICIAN:

PROFESSIONAL'S STATEMENT:

YO, ANNETTE ALFONSO
NUM. LIC. 12304

CERTIFICO QUE SOY EL PROFESIONAL QUE (CONFECCIONO, DISEÑO O PREPARO) ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCION. CERTIFICO, ADEMÁS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGUN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGUN APLIQUE RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCION JUDICIAL Y DISCIPLINARIA POR LA OGPB.

PROJECT:
PRIDCO DAMAGE IMPROVEMENTS METRO REGION STAGE 1 BID PACKAGE M1-4 PW: 9522 / COMERIO

DATE	ISSUE DESCRIPTION

DRAWING INFORMATION:
SHEET TITLE:

DETAILS AND SPECIFICATIONS

SCALE:

AS SHOWN

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8/8/2024 10:52:08 AM 21-0255-02

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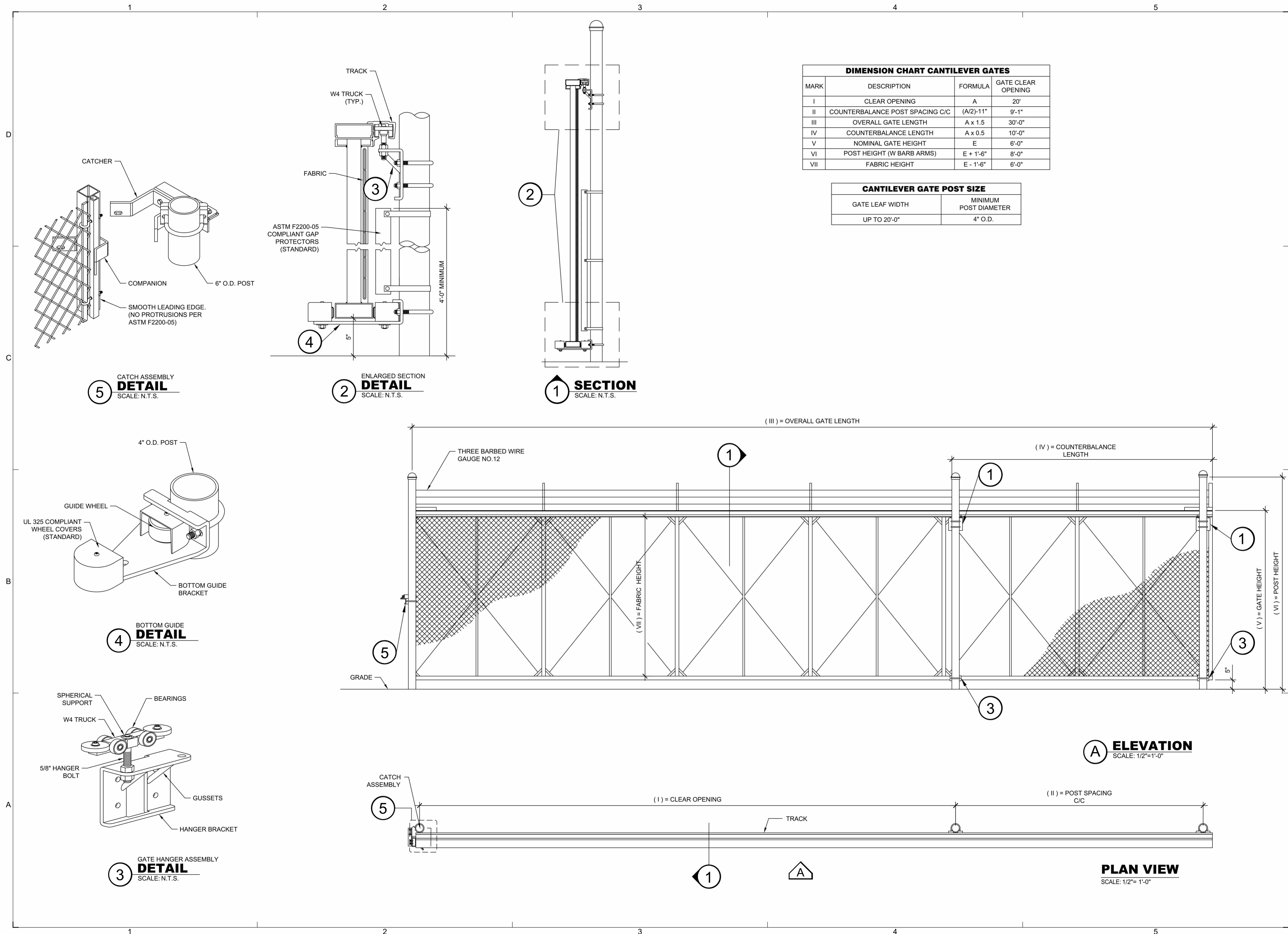
SHEET NO. **1DT504**
OF

DIMENSION CHART CANTILEVER GATES

MARK	DESCRIPTION	FORMULA	GATE CLEAR OPENING
I	CLEAR OPENING	A	20'
II	COUNTERBALANCE POST SPACING C/C	(A/2)-11"	9'-1"
III	OVERALL GATE LENGTH	A x 1.5	30'-0"
IV	COUNTERBALANCE LENGTH	A x 0.5	10'-0"
V	NOMINAL GATE HEIGHT	E	6'-0"
VI	POST HEIGHT (W BARB ARMS)	E + 1'-6"	8'-0"
VII	FABRIC HEIGHT	E - 1'-6"	6'-0"

CANTILEVER GATE POST SIZE

GATE LEAF WIDTH	MINIMUM POST DIAMETER
UP TO 20'-0"	4" O.D.



(A) ELEVATION
SCALE: 1/2"=1'-0"

PLAN VIEW
SCALE: 1/2"= 1'-0"

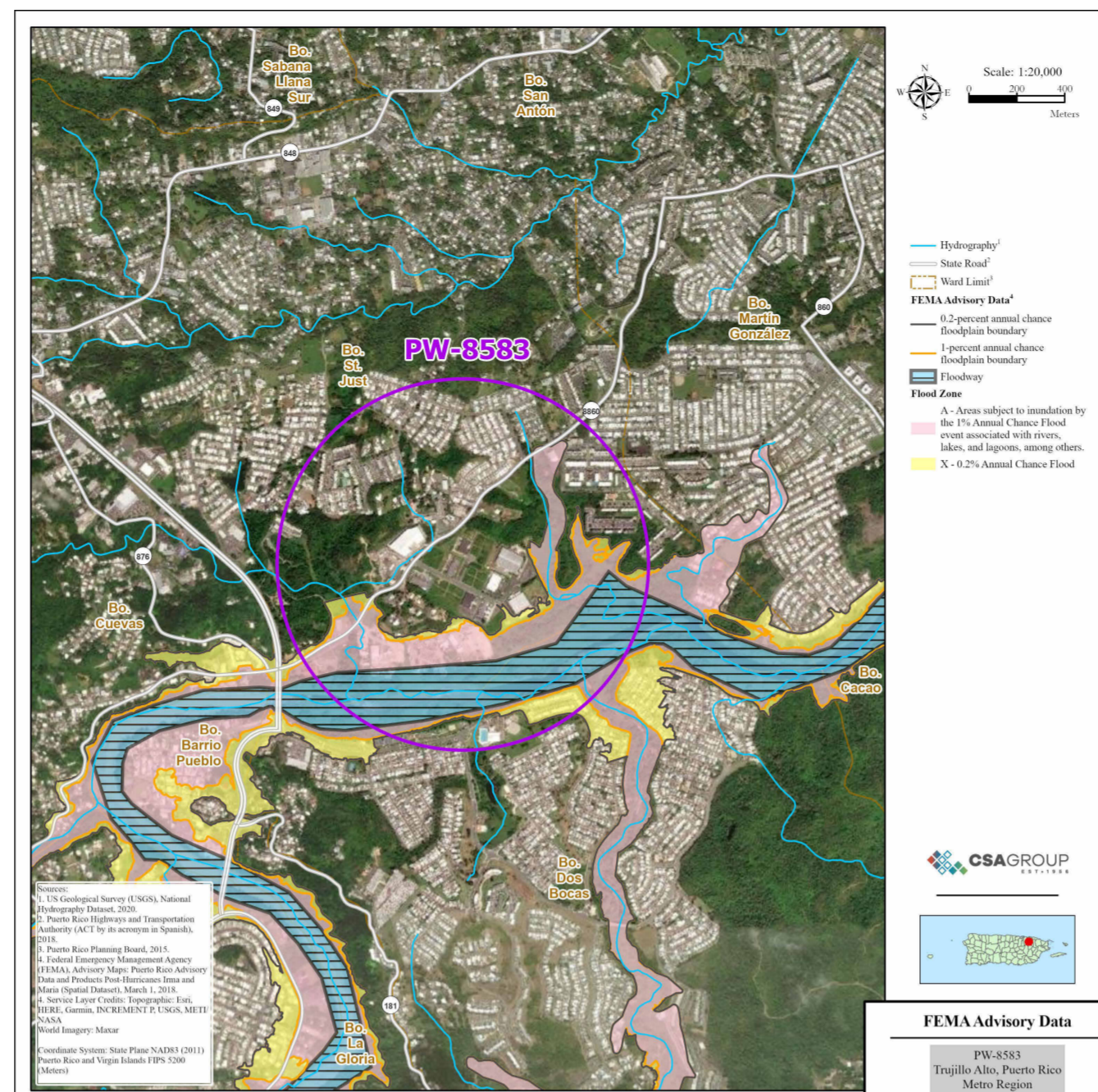
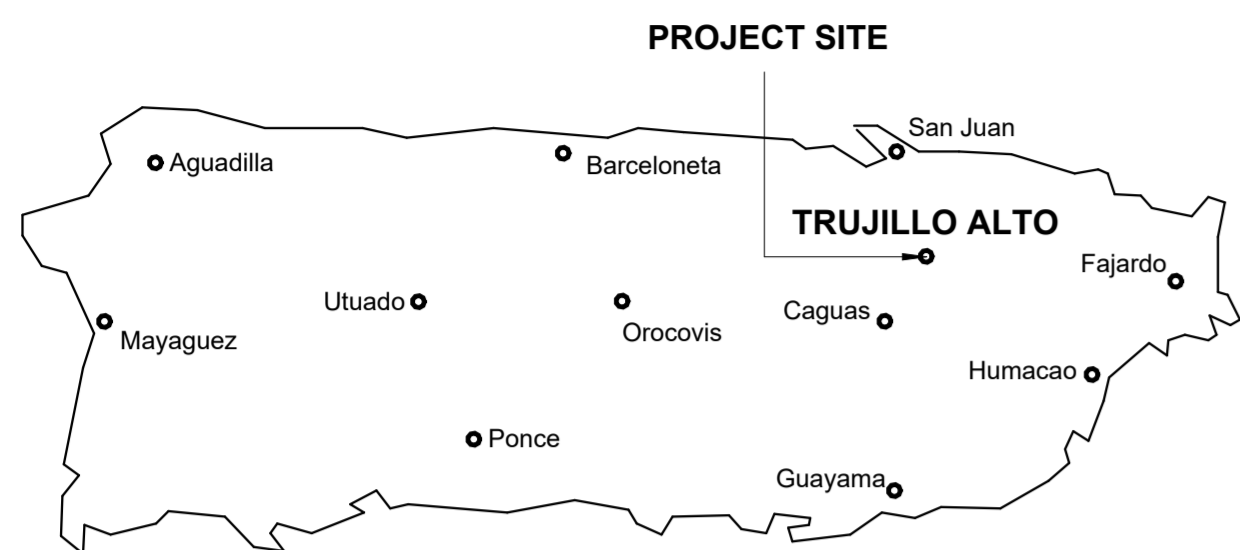
5 CATCH ASSEMBLY DETAIL
SCALE: N.T.S.

2 ENLARGED SECTION DETAIL
SCALE: N.T.S.

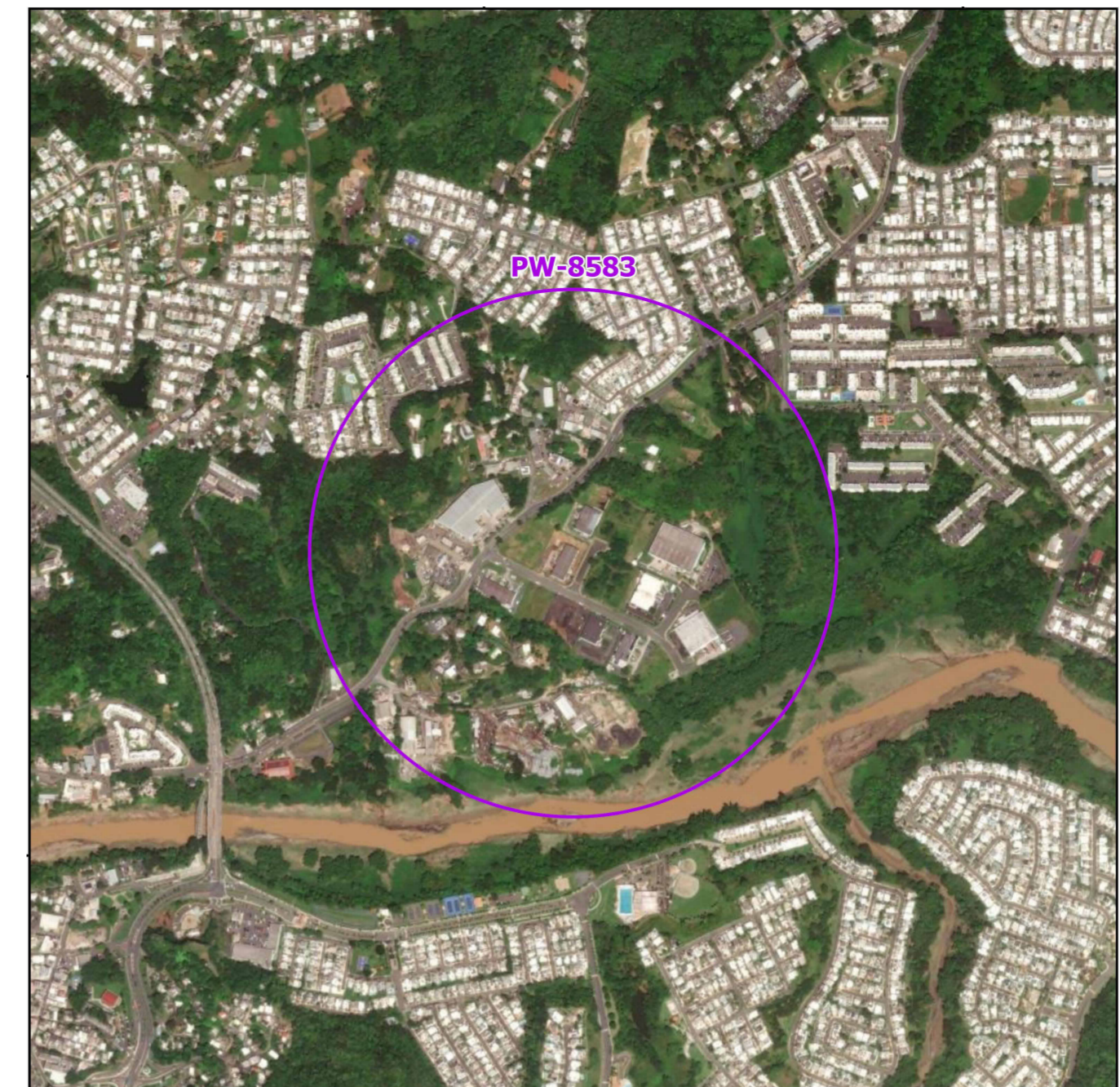
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4 BOTTOM GUIDE DETAIL
SCALE: N.T.S.

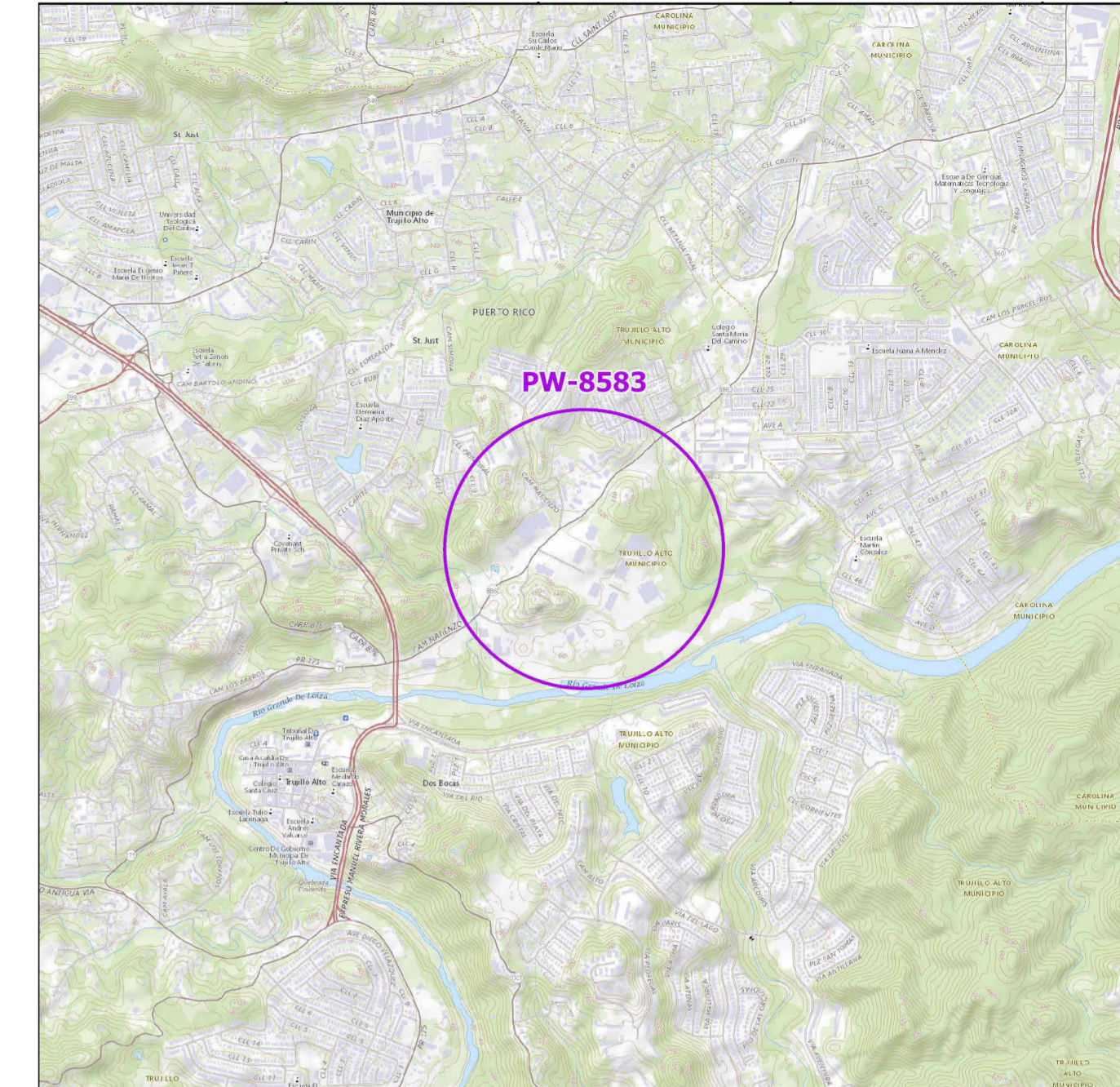
3 GATE HANGER ASSEMBLY DETAIL
SCALE: N.T.S.



FLOOD MAP



AERIAL PHOTO



LOCATION MAP
SCALE 1:20,000

INDEX OF DRAWINGS - PW 8583, DI 407866			
Discipline	Sheet Number	Current Revision	Sheet Name
00GENERAL	2GI001		COVER SHEET-DI-407866
00GENERAL	2GI002		GENERAL NOTES, ABBREVIATIONS AND LEGEND
03ARCHITECTURAL	2AE101		SITE PLAN BUILDING # DI-407866
05DETAILS	2DT501		DETAILS AND SPECIFICATIONS

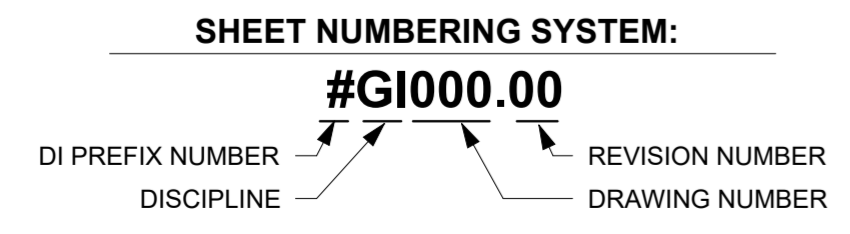
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00GENERAL	3GI002		GENERAL NOTES, ABBREVIATIONS AND LEGEND
03ARCHITECTURAL	3AE101		SITE PLAN BUILDING # DI-407868
05DETAILS	3DT501		DETAILS AND SPECIFICATIONS

PRIDCO-FEMA 4339 DR PROGRAM METRO REGION STAGE 1 BID PACKAGE [M1-4]

REPAIR AND IMPROVEMENTS OF INDUSTRIAL BUILDINGS OF THE PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY FOR THE:

- 2. PW: 8583 / DI: 407866 / Bldg: #T13940861 / Mun: Carr. #860, Bo. Las Cuevas, Trujillo Alto, Puerto Rico 00976
- 3. PW: 8583 / DI: 407868 / Bldg: #T142908800 / Mun: Carr. #860, Bo. Las Cuevas, Trujillo Alto, Puerto Rico 00976

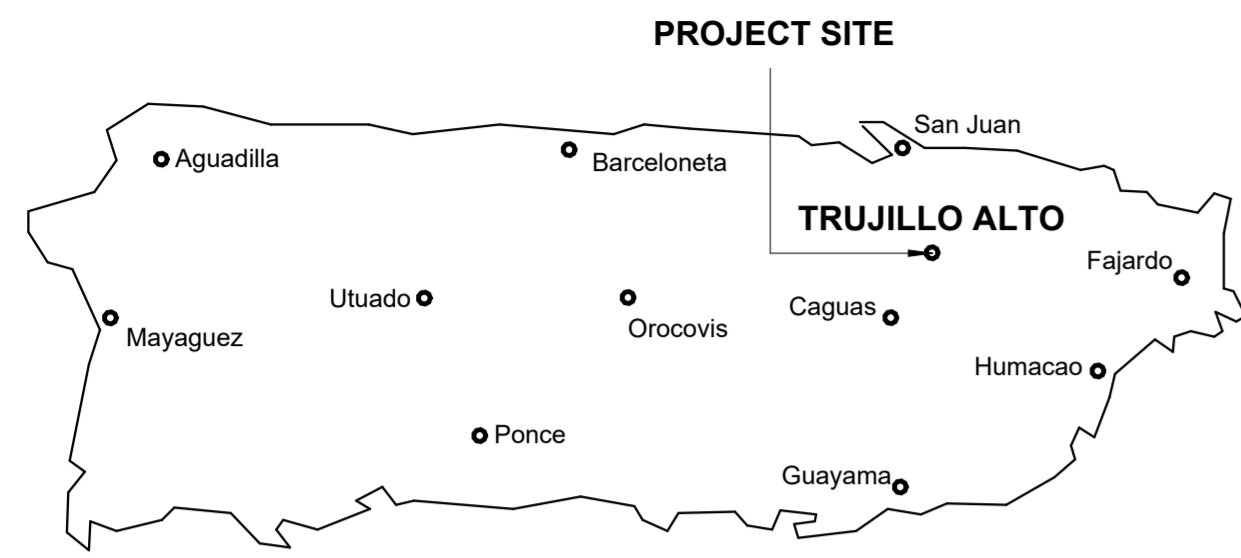
JUNE 10, 2024



PUERTO RICO
INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO



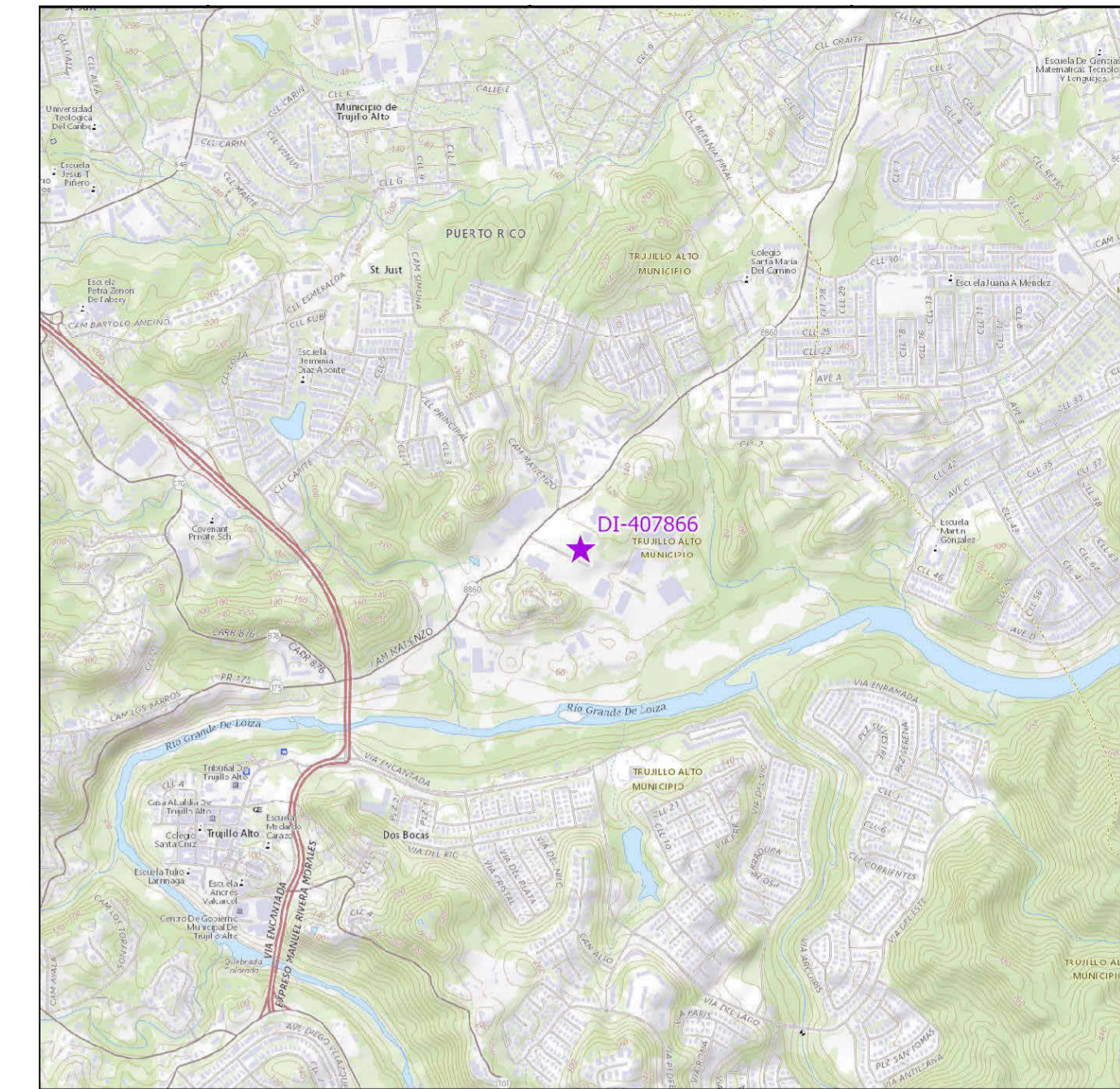
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8/8/2024 10:52:10 AM	21-0258-02
DRAWING / MODEL LOCATION:	BIM FILE NAME:
SHEET NO.	
0GI002	



FLOOD MAP



AERIAL PHOTO
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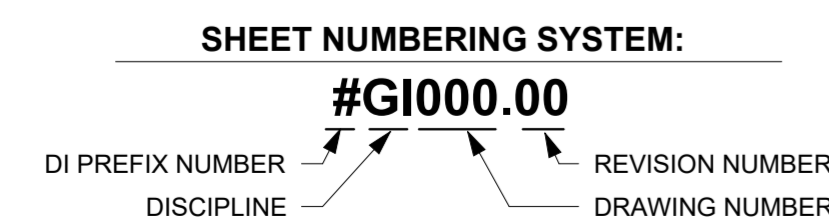
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SCALE 1:20,000

INDEX OF DRAWINGS - PW 8583, DI 407866			
Discipline	Sheet Number	Current Revision	Sheet Name
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00GENERAL	2GI002		GENERAL NOTES, ABBREVIATIONS AND LEGEND
03ARCHITECTURAL	2AE101		SITE PLAN BUILDING # DI-407866
05DETAILS	2DT501		DETAILS AND SPECIFICATIONS

PRIDCO-FEMA 4339 DR PROGRAM METRO REGION STAGE 1 BID PACKAGE [M1-4]

2. PW: 8583 / DI: 407866 / Bldg: #T13940861 / Mun: Carr. #860, Bo. Las Cuevas, Trujillo Alto, Puerto Rico 00976

JUNE 10, 2024



PUERTO RICO
INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO



DRAWING INFORMATION:
SHEET TITLE:

COVER SHEET-DI-407866

SCALE:

AS SHOWN

DELIVERY DATE: PROJECT NUMBER: 21-0258-02
PRINT DATE & TIME: 8/8/2024 10:52:11 AM BIM FILE NAME:
DRAWING / MODEL LOCATION:

SHEET NO. **2GI001**

GENERAL NOTES

- PERFORM WORK IN ACCORDANCE WITH OSHA RULES AND REGULATIONS. COMPLY WITH THE REQUIREMENTS SET FORTH BY THE PR BUILDING CODE 2018, PR FIRE CODE 2018, PR MECHANICAL CODE 2018, PR PLUMBING CODE 2018, PR EXISTING BUILDING CODE 2018, IJC SUITE CODES 2018, REGLAMENTO CONJUNTO DE EMERGENCIA JUNIO 16, 2023 AND WITH OTHER CODES, STANDARDS, AND REGULATIONS CALLED FOR IN SAID CODES.
- PERFORM WORK IN ACCORDANCE WITH ACCESSIBILITY COMPLIANCE AS PER ADA/ABA.
- COMPLY WITH APPLICABLE RULES AND REGULATIONS FOR OBTAINING NECESSARY AND REQUIRED INSPECTIONS, APPROVALS AND PERMITS NECESSARY TO PERFORM WORK AND SERVICES FOR THE PROJECT. EXECUTE WORK IN ACCORDANCE WITH THE BEST ACCEPTED TRADE PRACTICES, AS PER MANUFACTURER'S WRITTEN RECOMMENDATIONS, AND IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE NOISE, DUST, OR DISTURBANCE TO OCCUPANTS.
- IMMEDIATELY SAFETY CONTROLS DURING DEMOLITION/CONSTRUCTION WORK, AS PER OSHA REQUIREMENTS.
- DAILY REMOVE DEBRIS RESULTING FROM DEMOLITION/CONSTRUCTION AND TRANSPORT IT OUT OF PROJECT LIMITS. PERFORM DISPOSAL OPERATION IN ACCORDANCE WITH GOVERNMENT APPROVALS AND REGULATIONS. SITE AND STRUCTURE SHALL BE LEFT BROOM CLEANED FOR SUBSTANTIAL COMPLETION. DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS IN THE FIELD BEFORE PROCEEDING WITH ANY PORTION OF THE WORK. ADVISE IN WRITING TO CONSTRUCTION MANAGER AND ARCHITECT OF DISCREPANCY BETWEEN EXISTING CONDITIONS AND DRAWINGS PRIOR TO COMMENCING RELATED WORK. REPORT TO CONSTRUCTION MANAGER AND ARCHITECT DISCREPANCIES IN THE CONTRACT DRAWINGS, SPECIFICATIONS OR DETAILS PRIOR TO COMMENCING THE WORK.
- COORDINATE CIVIL, MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL REQUIREMENTS FOR PROPER LOCATION AND PROVISIONS OF SLEEVES, INSERTS, OPENINGS AND ROUGH-IN REQUIRED CONDUCT DEMOLITION/CONSTRUCTION OPERATION TO INSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, SIDEWALKS AND OTHER ADJACENT FACILITIES.
- THE USE OF A BRAND NAME AND/OR MODEL NUMBER TO DENOTE PRODUCTS, EQUIPMENTS, MATERIALS, OR PROCESS, IS INTENDED TO ESTABLISH A STANDARD OF QUALITY AND SHALL NOT BE CONSTRUED AS LIMITING COMPETITION.
- DO NOT COMMENCE ANY DEMOLITION OF SITE ELEMENTS OR STRUCTURE UNTIL THE HAZARDOUS MATERIAL ABATEMENT IS DONE AND EPA CERTIFICATION IS OBTAINED, STATING THAT THE SITE ELEMENTS AND STRUCTURES ARE FREE OF HAZARDOUS MATERIALS. PRIOR TO COMMENCEMENT OF THE HAZARDOUS MATERIAL ABATEMENT THE BUILDING AND SITE SHALL BE VACANT.
- SPECIFIED TREE PRUNING OR CUTTING OR INCIDENTAL TO OTHER REPAIR WORK MAY REQUIRE A DRYWIT PERMIT. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMIT BEFORE PERFORMING THE WORK.
- IF APPLICABLE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OR ENCAPSULATION OF LEAD/ASBESTOS FOUND IN THE PROJECT SITE, AS FOUND IN THE SITE STUDIES. CONTRACTOR SHALL ENGAGE THE SERVICES OF A SPECIALIZED COMPANY THAT WILL SUBMIT A MITIGATION PLAN, PERFORM AS PER PLAN CONSIDERING ALL LOCAL AND FEDERAL ENVIRONMENTAL LAWS, AND PROVIDE DOCUMENTATION ON PROCEDURES AND EXECUTION.

ARCHITECTURAL NOTES

- PRESSURE WASH, MINIMUM 3,000 PSI, EXISTING BUILDING EXTERIOR WALLS, WINDOWS, AND DOORS BEFORE BEGINNING SPECIFIED WORK.
- REPAIR INTERIOR AND EXTERIOR WALL SURFACES WITH CEMENT PLASTER PRIOR TO APPLYING PAINT FINISH. REPAIR WORK INCLUDES, BUT IS NOT LIMITED TO CUT AND PATCHING, REMOVAL OF NAILS AND SCREWS FROM WALLS, REPAIR OF MAJOR IMPERFECTIONS ON WALLS AND FINISHES IN GENERAL.
- FULL TEAR-OFF OF ROOF WATERPROOFING SYSTEM INCLUDING MEMBRANE, INSULATION AND FLASHINGS WHERE SYSTEM REPLACEMENT IS SPECIFIED. A ROOF MOISTURE SURVEY MAY BE REQUIRED PRIOR TO INSTALLATION OF NEW MEMBRANE.
- CLEAN, REPAIR AND VERIFY STRUCTURAL INTEGRITY OF ROOF DECK PRIOR THE INSTALLATION OF THE WATERPROOFING SYSTEM. COMPLY WITH THE MANUFACTURER RECOMMENDATIONS FOR THE INSTALLATION OF ROOF MEMBRANE TO VALIDATE THE WARRANTY.
- COORDINATE WITH THE OWNER REPRESENTATIVE/CONSTRUCTION MANAGER FOR INFORMATION REGARDING ROOFING MEMBRANE WARRANTIES PRIOR TO THE INSTALLATION OF ANY ANCHORING DEVICES, INCLUDING BUT NOT LIMITED TO THE EXHAUST FAN ANCHORING SYSTEM, TO AVOID INVALIDATING THE WARRANTY. THE CONTRACTOR MUST VERIFY AND ENSURE THE INTEGRITY OF THE WATERPROOFING SYSTEM DURING THE INSTALLATION OF EXHAUST FAN ANCHORS, PROPERLY SEAL ANY PENETRATIONS, AND ACCEPT RESPONSIBILITY FOR MAINTAINING THE MEMBRANE'S WARRANTY.

ELECTRICAL GENERAL NOTES

- NO WIRE SHALL BE SMALLER THAN # 12 AWG THHN, 600 VOLTS.
- NO CONDUIT SHALL BE SMALLER THAN 3/4".
- ALL CONDUIT SHALL BE RIGID GALVANIZED EXCEPT OTHERWISE INDICATED.
- ALL WIRE SHALL BE COPPER, INSULATED AS NOTED.
- LEAVE A #12 AWG GALVANIZED FISH WIRE IN ALL EMPTY CONDUITS.
- ALL UNDERGROUND CONDUITS SHALL BE PROTECTED WITH 4" CONCRETE ENVELOPE.
- EXPANSION FITTINGS SHALL BE USED FOR EVERY CONDUIT CROSSING BUILDING EXPANSION JOINTS.
- ALL LOADS SHALL BE BALANCED.
- PROVIDE A #12 GREEN THW BONDING JUMPER BETWEEN EACH OUTLET BOX AND RECEPTACLE GROUNDING TERMINAL, USE 3/8" LONG 10-32 GROUNDING SCREW.
- ALL INSTALLATIONS SHALL BE EXPOSED UNLESS OTHERWISE INDICATED. EXPOSED CONDUITS SHALL BE SUPPORTED BY MEANS OF ONE BOLT CLAMP SPACED NOT FURTHER THAN 7'-8" APART.
- AN EXPOSED WORK CONDUIT SHALL BE USED FOR ALL 90 BENDS.
- ALL NON-GALVANIZED METAL PARTS SHALL BE GIVEN ONE COAT OF RED OXIDE AND TWO COATS OF METALLIC GRAY PRIOR TO INSTALLATION.
- ALL GALVANIZED RIGID CONDUITS FOR TOGGLE SWITCHES AND RECEPTACLES LOCATED AT DOORWAYS AND LEAN - TO SHALL BE CONCEALED WITHIN ROOF SLAB, WALLS AND OVERHANGS.
- PROVIDE ELECTRICAL SERVICE TO TEST ALL ELECTRICAL SYSTEM IN PRESENCE OF THE REPRESENTATIVE FROM THE MECHANICAL AND ELECTRICAL DEPARTMENT.
- ALL LIGHTING CIRCUITS SHALL HAVE ONE (1) PORCELAIN LIGHT SOCKET WITH A LED TYPE BULB, EQUIVALENT TO 100W INCANDESCENT LUMENS.
- SWITCHES AND RECEPTACLES SHALL BE INSTALLED 4'-0" A.F.F.
- THE NEUTRAL WIRES SHALL BE IDENTIFIED THROUGHOUT THE INSTALLATION BY THE USE OF WHITE COLOR COVERED LIVE WIRES WITHIN THE SAME CONDUIT SHALL BE COLOR CODED PER N.E.C.
- RECEPTACLES AND LIGHTING CIRCUITS SHALL BE #12 THHN WIRE AND SHALL BE CONNECTED TO 20 AMP BREAKERS AT THE PANELBOARD.
- ALL OVERHANGS AND LEAN - TO'S SHALL BE PROVIDED WITH LIGHT SOCKETS. VERIFY LENGTH OF FEEDERS IN THE FIELD BEFORE SUBMITTING BIDS.
- ALL SWITCHES AND RECEPTACLES THAT ARE CONCEALED IN WALLS AND OVERHANGS SHALL BE PROVIDED WITH STAINLESS STEEL COVERS.
- CONTACT THE DISTRICT ENGINEER OF LUMA PRIOR TO THE BEGINNING OF THE WORK AND COORDINATE WITH THEM FOR THE EXECUTION OF THE WORK CONCERNING THE SERVICE ENTRANCE AND SUBSTATION IF REQUIRED. IN ADDITION, A CERTIFICATE OF INSPECTION SHALL BE OBTAINED AT THE COMPLETION OF THE WORK AND FORWARDED TO THE PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY.
- ALL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE N.E.C. AND LUMA.
- ALL BOXES FOR RECEPTACLES & LIGHTING SWITCHES FOR EXPOSED INSTALLATION SHALL BE "TYPE" WPE.
- A LIST OF MATERIALS AND EQUIPMENT GIVING MANUFACTURER CATALOG NUMBERS AND COMPLETE SPECIFICATIONS AND DRAWINGS FOR APPROVAL OF P.R.I.D.C.O. SHALL BE SUBMITTED PRIOR TO THE PURCHASING OF SAID MATERIALS AND/OR EQUIPMENT.

PLUMBING GENERAL NOTES:

- PLUMBING SHALL BE IN STRICT ACCORDANCE WITH THE 2018 PUERTO RICO BUILDING CODE.
- FURNISH AND SET IN PLACE BEFORE CONCRETE POURING ALL NECESSARY SLEEVES FOR WASTE OR SOIL VENT, HOT, AND COLD WATER LINES, THESE SLEEVES SHALL BE AS SPECIFIED OR REQUIRED BY THE ARCHITECT.
- THE PLUMBING DRAWING IS GENERALLY DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. RUN ALL PIPING CONCEALED WHEREVER POSSIBLE UNLESS OTHERWISE NOTED.
- SIZES SHOWN IN FIXTURE SCHEDULE ARE MINIMUM AND SHALL BE INCREASED AS NECESSARY TO COMPLY WITH CODE REQUIREMENTS OR AS SHOWN ON DRAWINGS.
- BEFORE CONSTRUCTION VERIFY EXISTING ELEVATIONS AGAINST PROPOSED SLOPES. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- CLEANOUT SHALL BE OF SAME SIZE AS THE PIPES TO WHICH THEY ARE CONNECTED UP TO 4", FOR LARGE PIPES; CLEANOUT SHALL BE 4".
- UNLESS OTHERWISE INDICATED, ALL DRAINAGE PIPING 3" AND SMALLER SHALL BE SLOPED 1/4" PER FT., LARGER PIPES SHALL BE SLOPED 1/8" PER FOOT.
- CLEANOUT SHALL BE NOT MORE THAN 50 FEET AP-ART IN HORIZONTAL DRAINAGE LINES OF 4" NOMINAL DIAMETER OR LESS AND NOT MORE THAN 100 FEET APART FOR LARGER PIPES.
- FOR FIXTURES AND EQUIPMENT NOT LISTED IN SCHEDULE, SEE CONTRACT SPECIFICATIONS.
- DETERMINE EXACT LOCATION OF THE PIPING TO AVOID ANY INTERFERENCE WITH PIPING AND/OR EQUIPMENT BEING INSTALLED BY ANOTHER SUB-CONTRACTOR.
- SANITARY TEES (SINGLE AND DOUBLE) AND QUARTER BENDS SHALL BE ACCEPTABLE ONLY FOR CHANGES OF DIRECTION FROM HORIZONTAL TO VERTICAL.
- USE LONG SWEEPING FITTINGS AND/OR LONG SWEEP BENDS AT BASE OF ALL STACKS.
- PROVIDE ROUGHING-IN AND INSTALL ALL PLUMBING FIXTURES AND/OR EQUIPMENT WHICH ARE SUPPLIED BY OTHERS.
- FOR ALL UNDERGROUND SANITARY AND STORM DRAINAGE USE: PVC POLY(VINYL CHLORIDE) SEWER PIPE AND FITTING: ASTM D 3034, SDR-35, FOR SOLVENT CEMENT OR ELASTOMERIC GASKET JOINTS. A. SOLVENT CEMENT : ASTM D 2564 B. GASKETS: ASTM F 477, ELASTOMERIC SEAL.
- PROVIDE ALL PIPE OPENINGS THROUGH SLABS WITH SLEEVES HAVING AN INTERNAL DIAMETER AT LEAST 1" LARGER THAN THE OUTSIDE DIAMETER OF UN-INSULATED PIPES OR OF THE INSULATION FOR INSULATION SERVICES. FLOOR SLEEVES ARE TO PROJECT 2" ABOVE FINISHED FLOORS.
- SLEEVES SHALL BE SCHEDULES 40 GALVANIZED STEEL PIPE.
- BOTTOM OF THE WATER SERVICES LINE SHALL BE 12 INCHES ABOVE THE HIGHEST POINT OF THE SEWER LINE WHENEVER THE HORIZONTAL DISTANCE BETWEEN THEM IS LESS THAN 5 FT.
- PROVIDE DOWNSPOUT NOZZLES (SIMILAR TO JAY R. SMITH FIG 1770) AT THE OVERFLOW RAIN WATER OUTLETS, AT FIRST LEVEL.
- SUPPLY AND INSTALL 1/4 TURN SHUT OFF VALVES AT EVERY PLUMBING FIXTURE.
- ALL PLUMBING FIXTURES, COLORS AND FINISHES, SELECTION BY ARCHITECT.

HVAC GENERAL NOTES:

- SUPPLY AND INSTALL ALL ELECTRICAL CONTROLS, SAFETY SWITCHES AND ACCESSORIES NOT INDICATED IN THE ELECTRICAL DRAWING AND NECESSARY FOR THE PROPER OPERATION OF THE EQUIPMENT IN ACCORDANCE WITH THE MECHANICAL EQUIPMENT RECOMMENDATIONS AND THE NATIONAL ELECTRIC CODE.
- PERFORM ALL WIRING AND CONNECTION (POWER AND CONTROL) NOT INDICATED IN THE ELECTRICAL DRAWING AND NECESSARY FOR THE PROPER OPERATION OF THE MECHANICAL EQUIPMENT IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
- TAKE EVERY PRECAUTION IN ORDER TO MINIMIZE OR ELIMINATE THE TRANSMISSION OF NOISE OR VIBRATION FROM THE EQUIPMENT, PIPING SYSTEM OR DUCT SYSTEM TO THE CONDITIONING SPACE.
- EQUIPMENT, MATERIALS AND ACCESSORIES SHALL BE SIMILAR TO THE INDICATED SPECIFICATION AND/OR MANUFACTURER MODEL OR CATALOG NUMBER.
- UNLESS OTHERWISE NOTED IN DRAWINGS AND/OR SPECIFICATIONS ALL EQUIPMENT AND ACCESSORIES SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

CIVIL SITE GENERAL NOTES

- ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN METERS UNLESS OTHERWISE SPECIFIED.
- ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL.
- COORDINATES ARE BASED ON THE LAMBERT PROJECTION FOR PUERTO RICO AND THE US VIRGIN ISLAND AND REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83 NA2011) EPOCH 2010.00 ADJUSTED IN METERS
- COORDINATE WITH THE CONSTRUCTION MANAGER BEFORE CUTTING OR TRIMMING EXISTING TREES AFFECTED BY THE CONSTRUCTION.
- PREPARE AND SUBMIT FOR EACH PROJECT AREA, THE CONTROL OF EROSION AND SEDIMENTATION (CES) PLAN FOR APPROVAL BY THE PERTINENT AGENCY AND THE CONSTRUCTION MANAGER.
- PROVIDE AND MAINTAIN A DEWATERING SYSTEM TO KEEP SUBGRADES DRY AND CONVEY GROUND WATER AWAY FROM EXCAVATIONS. THE DEWATERING PLAN SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER FOR APPROVAL AND COORDINATION.
- DEWATERING PLANS SHALL INCLUDE CONTROL OF EROSION AND SEDIMENTATION FOR EACH PROJECT PHASE AND/OR WORK AREA, THE WATER FROM THE DEWATERING SYSTEM SHALL BE FREE OF SEDIMENT AND/OR DEBRIS BEFORE ANY DISPOSAL.
- MAINTAIN THE DEWATERING SYSTEM UNTIL DEWATERING IS NO LONGER REQUIRED.
- ELECTRICAL, COMMUNICATION, SANITARY AND POTABLE WATER SERVICE SHALL NOT BE INTERRUPTED DURING CONSTRUCTION, IF NECESSARY, A PROVISIONAL TEMPORARY SERVICE AND/OR BY-PASS SHALL BE INSTALLED TO MAINTAIN SERVICE. PROVISIONAL TEMPORARY SERVICE AND/OR BY-PASS SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER FOR APPROVAL AND COORDINATION PRIOR TO CONSTRUCTION.
- PREPARE AND SUBMIT THE MAINTENANCE OF SERVICE PLAN FOR ELECTRICAL, SANITARY AND POTABLE WATER FOR APPROVAL OF THE CONSTRUCTION MANAGER.
- NOTIFY THE CONSTRUCTION MANAGER IF ANY ELEMENT SUSPECTED OF CONTAINING HAZARDOUS MATERIAL IS ENCOUNTERED, PRIOR TO ANY RELATED WORK ACTIVITY.
- VISIT THE PROJECT AREA TO VERIFY THE SPACE LIMITATIONS FOR CONSTRUCTION PROCESS AND EQUIPMENT. THE CONTRACT PRICE SHALL CONSIDER THE REQUIRED CONSTRUCTION PROCESS AND/OR EQUIPMENTS.
- PRIOR TO COMMENCEMENT OF THE WORK, ALL DIMENSIONS AND EXISTING CONDITIONS AT PROJECT SITE SHALL BE VERIFIED AND ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONTRACT DOCUMENTS THAT COULD AFFECT CONSTRUCTION WORK SCHEDULE AND /OR PERFORMANCE SHALL BE NOTIFIED TO CONSTRUCTION MANAGER.
- ALL DETAILS, SECTIONS AND NOTES SHOWN ON DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS OTHERWISE NOTED.
- REPAIR OR REPLACE EXISTING FACILITIES DAMAGED DURING CONSTRUCTION PRIOR TO SUBSTANTIAL COMPLETION.
- MAINTAIN IN OPERATION EXISTING FACILITIES UNTIL NEW FACILITIES ARE IN OPERATION.

GENERAL STRUCTURAL NOTES

STRUCTURAL BUILDING AND DESIGN CODES:

- PUERTO RICO BUILDING CODE 2018 AND ITS BINDING REFERENCED STANDARDS, INCLUDING BUT NOT LIMITED TO:
 - THE INTERNATIONAL BUILDING CODE 2018
 - AMERICAN INSTITUTE FOR STEEL CONSTRUCTION (AISC), STEEL CONSTRUCTION MANUAL, 15TH EDITION
 - AMERICAN CONCRETE INSTITUTE (ACI), BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318-14.
 - AMERICAN SOCIETY OF CIVIL ENGINEERS, MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES, ASCE/SEI 7-16

STRUCTURAL NOTES ON CONCRETE REPAIR:

- ALL CONCRETE REPAIR WORKS SHALL BE PERFORMED FOLLOWING THE GUIDELINES OF THE INTERNATIONAL CONCRETE REPAIR INSTITUTE (ICRI), HIRING A PROFESSIONAL EXPERIENCED IN THIS TYPE OF REPAIR IS RECOMMENDED TO ENSURE A PROPER REPAIR.
- FOR THE REPAIR OF AREAS AFFECTED BY CORROSION, ICRI NO. 03730 GUIDELINE FOR SURFACE PREPARATION FOR THE REPAIR OF DETACHED/DELAMINATING CONCRETE RESULTING FROM REINFORCING STEEL CORROSION SHOULD BE FOLLOWED BEFORE COMMENCING ANY CONCRETE REPAIR WORK, THE REPAIR DETAIL PRESENTED IN THE DRAWINGS SHALL BE REVIEWED. IN CASE OF DOUBT WITH THE REPAIR DETAILS PRESENTED, CONTACT THE ARCHITECT OR ENGINEER OF RECORD FOR CLARIFICATION.
- IT IS IMPORTANT TO FOLLOW THE MANUFACTURER'S RECOMMENDATIONS FOR EACH PRODUCT UTILIZED FOR THIS JOB, IN ORDER TO GUARANTEE THAT THE REPAIR WORKS ARE CARRIED OUT ADEQUATELY.

STRUCTURAL NOTES ON CAST-IN-PLACE CONCRETE:

- PORTLAND CEMENT SHALL BE TYPE II.
- ALL CONCRETE SHALL BE OF REGULAR WEIGHT (145 POUNDS PER CUBIC FOOT).
- THE FOLLOWING CONCRETE MIX PARAMETERS SHALL BE USED UNLESS OTHERWISE NOTED:

CONCRETE STRENGTH AT 28 DAYS – 3,000 PSI
 MAX. WATER/CEMENT RATIO – 0.65
 RECOMMENDED SLUMP – 4 INCHES
 MAX. AGGREGATE SIZE (ASTM C33) – 1 INCH

- PROVIDE CONCRETE MIXES DESIGNED BY A QUALIFIED TESTING LABORATORY FOR REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER. CONCRETE MIX DESIGN SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER AUTHORIZED TO EXERCISE THE PROFESSION IN THE COMMON WEALTH OF PUERTO RICO.

NOTE ON REINFORCING STEEL BARS:

- ALL REINFORCING STEEL SHALL BE NEW STOCK DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60 (FY = 60 KSI). MAINTAIN THE FOLLOWING CONCRETE COVERAGE FOR REINFORCING STEEL UNLESS NOTED OTHERWISE:
 - CONCRETE CAST AGAINST EARTH: 3 INCHES
 - CONCRETE IN CONTACT WITH THE GROUND: 2 INCHES
 - CONCRETE SLAB AND WALLS WITHOUT CONTACT WITH GROUND: 1 INCHES
 - CONCRETE BEAMS AND COLUMNS: 1 1/2 INCHES

STRUCTURAL STEEL

- DESIGN, DETAIL AND ERECT STRUCTURAL STEEL ELEMENTS IN ACCORDANCE WITH THE FOLLOWING:

- AISC SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
- AISC MANUAL OF STEEL CONSTRUCTION, ALLOWABLE STRESS DESIGN.
- AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
- AWA STRUCTURAL WELDING CODE, D1.1.

- STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING GRADES:
- W SHAPES: ASTM A992 (FY = 50 KSI, FU = 65 KSI)
- STEEL ANGLE, CHANNELS, PLATES: ASTM A36
- BOLTS, NUTS AND WASHERS: HIGH-STRENGTH BOLTS, INCLUDING NUTS AND WASHERS: ASTM A325
- STEEL PLATES FOR LANDINGS AND THREADS: 1/4" ANTI-SLIP DIAMOND TYPE STEEL PLATE A36

- WELDING ELECTRODE FOR STEEL SHALL BE E70XX.

METAL DECK

- PROVIDE DESIGN, FABRICATION, AND ERECTION OF METAL DECK CONFORMING TO THE STEEL DECK INSTITUTE'S "CODE OF RECOMMENDED STANDARD PRACTICE AND BASIC DESIGN SPECIFICATIONS"
- FORM ROOF DECK FROM STEEL SHEETS CONFORMING TO ASTM A 611 GRADE C AND D OR A 653 OR HIGHER SPECIFICATIONS WITH A MINIMUM YIELD STRENGTH OF 33 KSI.
- ATTACH SHEETS TO STEEL SUPPORT MEMBERS AS INDICATED AND IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION, WHEN DECK IS SCHEDULED TO BE EXPOSED, DE-SLAG, CLEAN AND TOUCH UP WELDS WITH A ZINC-RICH PRIMER.
- LAP ROOF AND FLOOR DECK ENDS MINIMUM OF 2 INCHES. WHEN FASTENING DECK TO SUPPORT MEMBERS PROVIDE WELDING MATERIALS INSTALLATION PROCEDURES TO PREVENT BURNING OF HOLES IN DECK.
- AT ENDS OF DECKS OR WHERE CHANGES OF DECK DIRECTION OCCUR, FASTEN TO SUPPORTS AT EACH FLUTE. PROVIDE ADEQUATE CLOSURES AND FASTENERS TO SIDES AT EIGHTEEN INCHES ON CENTER.
- WHERE PARTIAL PANELS MAY BE REQUIRED TO COMPLETE DECK INSTALLATION AT PERIMETER OF STRUCTURE, PROVIDE WELDS IN EACH FLUTE TO STRUCTURAL MEMBERS. INSTALL DECK IN THREE CONTINUOUS SPAN LENGTHS.
- AT PERIMETER OF DECK, SECURE DECK TO STRUCTURAL MEMBERS WITH SAME ATTACHMENT AND SPACING SUPPORT ATTACHMENT AS INDICATED ON PLANS.
- HOT DIP GALVANIZE (G90) AFTER FABRICATION ALL METAL DECK AND TOUCH UP CONNECTIONS WITH A ZINC-RICH PRIMER.

NOTES (IF APPLICABLE):

TREE REMOVAL:

- REMOVE ALL TREES INDICATED BY DRAWINGS AND SPECIFICATIONS, AS REQUIRED, IN A MANNER THAT WILL NOT DAMAGE ADJACENT TREES OR STRUCTURES, OR COMPACT THE SOIL.
- REMOVE, IN SECTIONS, TREES THAT ARE ADJACENT TO REMAINING TREES OR STRUCTURES, TO LIMIT DAMAGE TO ADJACENT CROWNS, TRUNKS, GROUND PLANS, ELEMENTS AND STRUCTURES.
- DO NOT CUT TREES UNLESS THE TREE WILL FALL OUTSIDE THE TREE AND PLANT PROTECTION AREA. NO TREE TO BE REMOVED WITHIN 50 FEET OF THE TREE AND PLANT PROTECTION AREA SHALL BE PUSHED OVER OR UP-ROOTED USING GRADING EQUIPMENT.
- PROTECT FROM DAMAGE ADJACENT PAVING, SOIL, TREES, SHRUBS, GROUND COVER PLANTINGS AND UNDERSTORY PLANTS TO REMAIN, DURING ALL TREE REMOVAL, AND CONSTRUCTION OPERATIONS. PROTECTION SHALL INCLUDE: ROOT SYSTEM, TRUNK, LIMBS, AND CROWN FROM BREAKAGE OR SCARRING, AND SOIL FROM COMPACTION.
- REMOVE STUMPS AND IMMEDIATE ROOT PLATE FROM EXISTING TREES TO BE REMOVED. GRIND TRUNK BASES AND LARGE BUTTRESS ROOTS EITHER TO THE DEPTH OF THE LARGEST BUTTRESS ROOT OR AT LEAST 18 INCHES BELOW THE TOP MOST ROOT, CHOOSE WHICH EVER IS LESS. GRIND OVER THE AREA OF THREE TIMES THE DIAMETER OF THE TRUNK (DBH).
- FOR TREES WHERE THE STUMP WILL FALL UNDER NEW PAVED AREAS, GRIND ROOTS TO A TOTAL DEPTH OF 18 INCHES BELOW THE EXISTING GRADE. IF THE SIDES OF THE STUMP HOLE STILL HAVE GREATER THAN APPROXIMATELY 20% WOOD VISIBLE, CONTINUE GRINDING OPERATION DEEPER AND/OR WIDER UNTIL THE RESULTING HOLE HAS LESS THAN 20% WOOD. REMOVE ALL WOOD CHIPS PRODUCED BY THE GRINDING OPERATION AND BACK FILL IN 8 INCH LAYERS WITH CONTROLLED FILL OF A QUALITY ACCEPTABLE TO THE SITE ENGINEER FOR FILL MATERIAL UNDER STRUCTURES, COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY STANDARD PROCTOR. THE OWNER'S REPRESENTATIVE SHALL APPROVE EACH HOLE AT THE END OF THE GRINDING OPERATION.
- IN AREAS WHERE THE TREE LOCATION IS TO BE A PLANTING BED OR LAWN, REMOVE ALL WOODCHIPS AND BACKFILL STUMP HOLES WITH PLANTING SOIL AS DEFINED IN SPECIFICATION SECTION PLANTING SOIL, IN MAXIMUM OF 12 INCH LAYERS AND COMPACT TO 80 - 85% OF THE MAXIMUM DRY DENSITY STANDARD PROCTOR.

PRUNING:

- WITHIN SIX MONTHS OF THE ESTIMATED DATE OF SUBSTANTIAL COMPLETION, PRUNE ALL DEAD OR HAZARDOUS BRANCHES LARGER THAN 2 INCH IN DIAMETER FROM ALL TREES TO REMAIN.
- IMPLEMENT ALL PRUNING RECOMMENDATIONS FOUND IN THE ARBORIST REPORT.
- PRUNE ANY LOW, HANGING BRANCHES AND VINES FROM EXISTING TREES AND SHRUBS THAT OVERHANG WALKS, STREETS AND DRIVES, OR PARKING AREAS AS FOLLOWS:

- WALKS - WITHIN 8 FEET VERTICALLY OF THE PROPOSED WALK ELEVATION.
- PARKING AREAS - WITHIN 12 FEET VERTICALLY OF THE PROPOSED PARKING SURFACE ELEVATION.
- STREETS AND DRIVES - WITHIN 14 FEET VERTICALLY OF THE PROPOSED DRIVING SURFACE ELEVATION.

- ALL PRUNING SHALL BE DONE IN ACCORDANCE WITH ANSI A300 (PART 1), ISA BMP TREE PRUNING (LATEST EDITION), AND THE "STRUCTURAL PRUNING: A GUIDE FOR THE GREEN INDUSTRY", EDWARD GILMAN, BRIAN KEMPF, NELDA MATHENY AND JIM CLARK, 2013 URBAN TREE FOUNDATION, VISALIA CA.
- PERFORM OTHER PRUNING TASKS AS INDICATED ON THE DRAWINGS OR REQUESTED BY THE OWNER'S REPRESENTATIVE.
- WHERE TREE SPECIFIC DISEASE VECTORS REQUIRE, STERILIZE ALL PRUNING TOOLS BETWEEN THE WORK IN INDIVIDUAL TREES.

GENERAL DRAWING SYMBOLS:

	EXISTING WALL
	NEW CONCRETE BLOCK WALL 6" OR 8"
	NEW PLYCEM BOARD WALL
	COLUMNS
	MATCH LINE
	HIDDEN OUTLINE (SHOWING CONDITION BELOW, ABOVE OR BEHIND AS INDICATED).
	DETAIL REFERENCE NUMBER
	ELEVATION REFERENCE NUMBER
	SECTION REFERENCE NUMBER
	WALL SECTION REFERENCE NUMBER
	WALL SECTION
	INTERIOR ELEVATION SYMBOL
	NORTH ARROW
	AXIS SYMBOL
	DOOR SYMBOL
	WINDOW SYMBOL
	KEY NOTE
	EQUIPMENT SYMBOL
	LEVEL SYMBOL
	RISER SYMBOL
	ROOM IDENTIFICATION
	ROOM NUMBER
	REVISION SYMBOL
	HANDICAPPED SYMBOL

ABBREVIATIONS:

A.F.F.	ABOVE FINISHED FLOOR
A/C	AIR CONDITIONING
AL.	ALUMINUM
BLT.	BOTTOM CENTER TO CENTER
C.C.	CONCRETE MASONRY UNIT
C.M.U.	CORROSION
CORR.	ELEVATION
EQ.	EQUAL
F.D.	FLOOR DRAIN
F.F.E.	FINISH FLOOR ELEVATIONS
F.F.L.	FINISH FLOOR LEVEL
FIN.	FINISH(ED)
HDW.	HARDWARE
HGT.	HEIGHT
INT.	INTERIOR
J.C.	JANITOR CLOSET
M.A.S.	MASONRY
MECH.	MECHANICAL
MIN.	MINIMUM
MTD.	MOUNTED
N.I.C.	NOT IN CONTRACT
NA	NOT APPLICABLE
ON CENTER	ON CENTER
OPNG.	OPENING
R	RADIUS
R.D.	ROOM DRAIN
RM	ROOM
REQ.	REQUIRED
REV.	REVISION
S.C.P.	SMOOTH CEMENT PLASTER
S.S.	STAINLESS STEEL
ST.	STORM SEWER
STL	STEEL
STOR.	STORAGE
STRUCT.	STRUCTURAL
T.O.M.	TOP OF MASONRY
T.O.S.	TOP OF STEEL
TEL.	TELEPHONE
THK.	THICK
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
D.M.H.	DROP MANHOLE
M.H.	MANHOLE
V.I.F.	VERIFY IN FIELD



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ISSUE FOR BID

REV	DATE	DESCRIPTION

DISCIPLINE INFORMATION:
 PRIME PROFESSIONAL:
 ANNETTE ALFONSO
 PROFESSIONAL OF RECORD:
 ANNETTE ALFONSO
 STAFF DESIGNER:
 CARLOS COLON
 C.C. AUDITOR:

PRINCIPAL CAD TECHNICIAN:
 YO. ANNETTE ALFONSO

PROFESSIONAL'S STATEMENT:

NUM. LIC. 12304

CERTIFICO QUE SOY EL PROFESIONAL QUE (CONFECCIONADO, DISEÑO O PREPARO) ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS. TAMBIÉN, CERTIFICO QUE ENTENDO QUE DICHO PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APPLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APPLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCION CERTIFICADO. ADEMÁS, QUE EN LA PREPARACION DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 4 DE 8 DE ENERO DE 2004, SEGUN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA LEY NÚM. 319 DE 15 DE MAYO DE 1998, SEGUN ENMENDADA; LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGUN ENMENDADA; SEGUN APLIQUE; RECONOZCO QUE CUALQUIER DECLARACION FALSA O FALSIFICACION DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MI, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONCIMIENTO, ME RESPONSABILIZO DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OSGPE.

PROJECT:
PRIDCO DAMAGE IMPROVEMENTS
METRO REGION STAGE 1
BID PACKAGE M1-4
PW: 9522 / COMERIO

DATE	ISSUE DESCRIPTION

DRAWING INFORMATION:
 SHEET TITLE:

GENERAL NOTES, ABBREVIATIONS AND LEGEND

SCALE:

AS SHOWN

DELIVERY DATE:	PROJECT NUMBER:
8/8/2024 10:52:13 AM	21-0255-02
PRINT DATE & TIME:	BIM FILE NAME:
8/8/2024 10:52:13 AM	
DRAWING / MODEL LOCATION:	

SHEET NO. **2GI002**
 OF

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 STAFF DESIGNER:
 CARLOS COLON
 I.C. AUDITOR:
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PROJECT:
PRIDCO DAMAGE IMPROVEMENTS
METRO REGION STAGE 1
BID PACKAGE M1-4
PW: 9522 / COMERIO

DATE	ISSUE DESCRIPTION

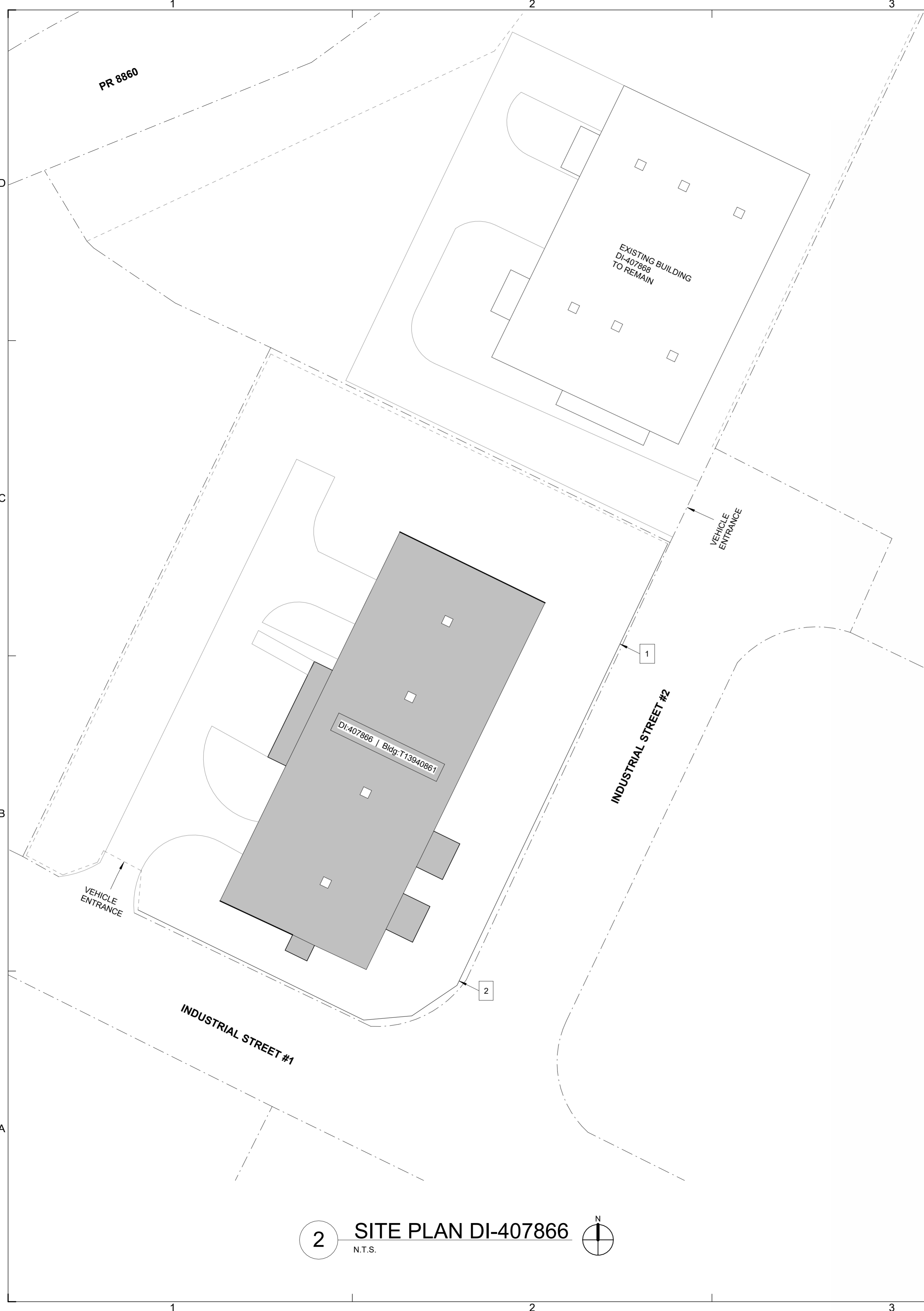
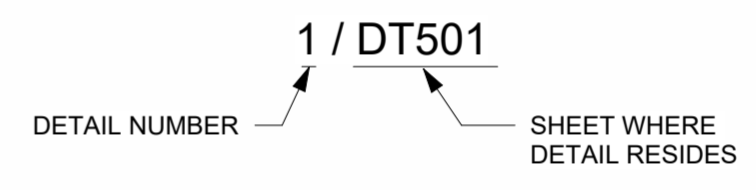
DRAWING INFORMATION:
 SHEET TITLE:
SITE PLAN BUILDING # DI-407866

SCALE:
AS SHOWN

DELIVERY DATE:	PROJECT NUMBER:
8/8/2024 10:52:18 AM	21-0255-02
PRINT DATE & TIME:	BIM FILE NAME:
8/8/2024 10:52:18 AM	
DRAWING / MODEL LOCATION:	
SHEET NO.	
2AE101	

CONSTRUCTION KEY NOTES SCHEDULE DI - 407866							
#ID	TYPE OF DAMAGE	DESCRIPTION	DIMENSION	QUANTITY	DETAIL	TECHNICAL SPECS	PHOTO
1	Public Assistance (PA)	Perimeter Fence, 380 LF long x 6 FT high, Galv. Ga. No. 9, Post - 2-1/2" inch diam galv., 3-strands Barbed Wire (4-point) (Remove and dispose of the damaged chain-link fence section. Clear obstructions and install a new chain-link fence in-kind per manufacturer's guidelines and code regulations.)	380 LF long x 6 FT	380 LF	1 / 2DT501 2 / 2DT501	323113	
2	Additional Damages	Perimeter Fence, 52 LF long x 6 FT high, Galv. Ga. No. 9, Post - 2-1/2" inch diam galv., 3-strands Barbed Wire (4-point)(Remove and dispose of the damaged chain-link fence section. Clear obstructions and install a new chain-link fence in-kind per manufacturer's guidelines and code regulations.)	52 LF long x 6 FT	52 LF	1 / 2DT501 2 / 2DT501	323113	

NOTE: SEE GENERAL NOTES, ITEM #7 IN 2GI002



2 SITE PLAN DI-407866
N.T.S.

1 KEY PLAN DI 407866
N.T.S.

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FOR:
INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO

ISSUE FOR BID

Issue Date

REV	DATE	DESCRIPTION

DISCIPLINE INFORMATION:
PRIME PROFESSIONAL:
ANNETTE ALFONSO
PROFESSIONAL OF RECORD:
ANNETTE ALFONSO
STAFF DESIGNER:
CARLOS COLON
I.C. AUDITOR:

PRINCIPAL CAD TECHNICIAN:
PROFESSIONAL'S STATEMENT:

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PROJECT:
PRIDCO DAMAGE IMPROVEMENTS
METRO REGION STAGE 1
BID PACKAGE M1-4
PW: 9522 / COMERIO

DATE	ISSUE DESCRIPTION

DRAWING INFORMATION:
SHEET TITLE:

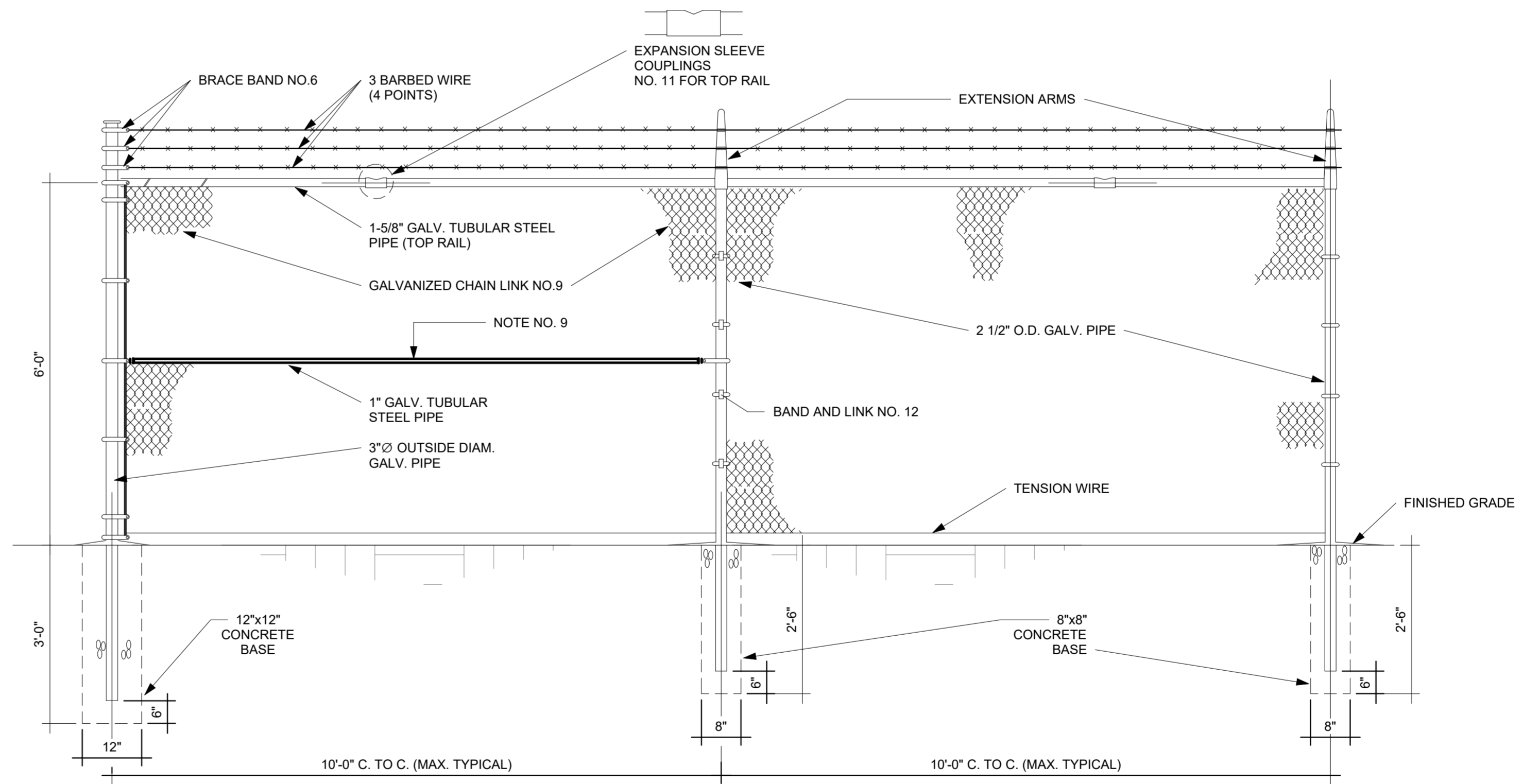
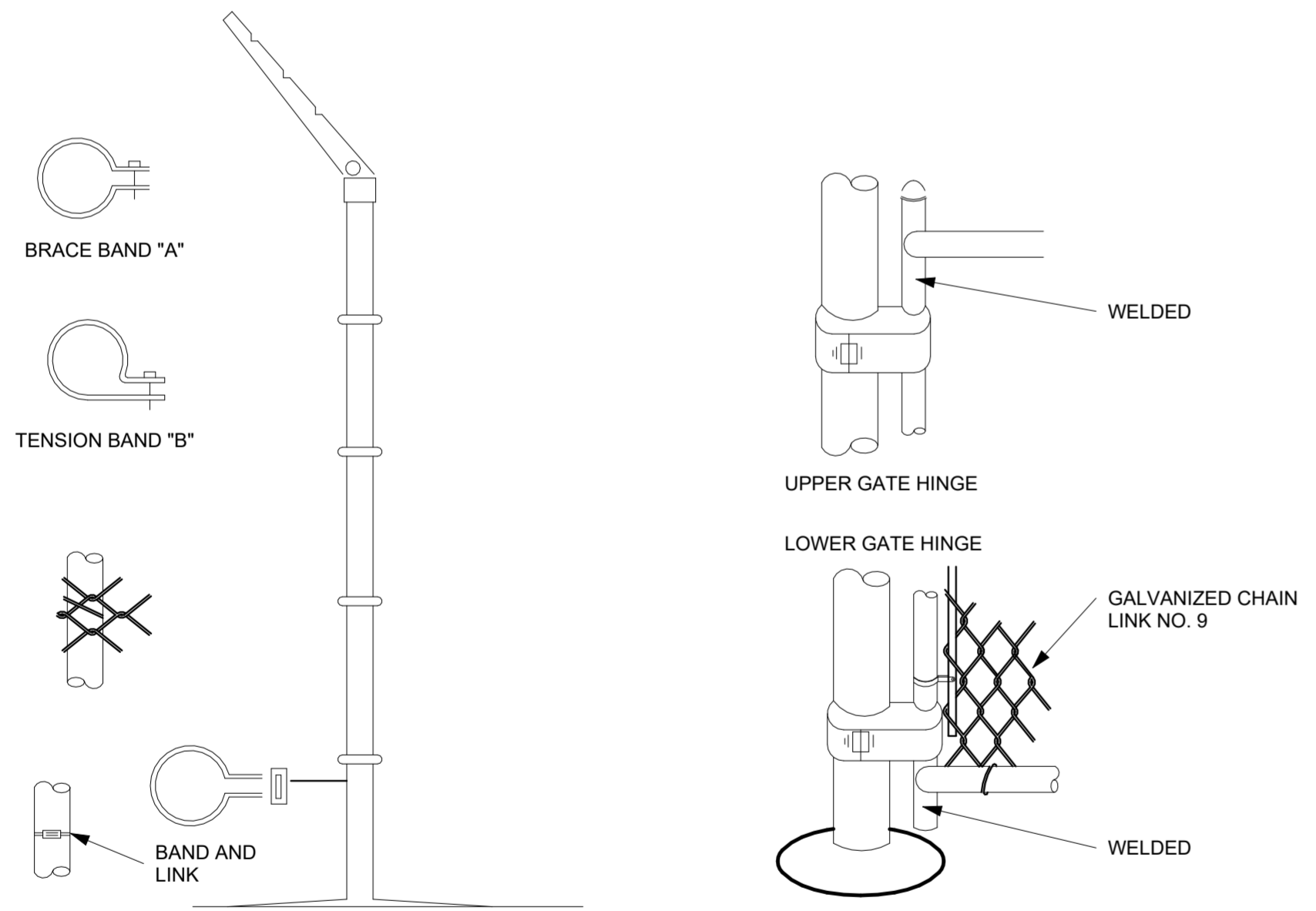
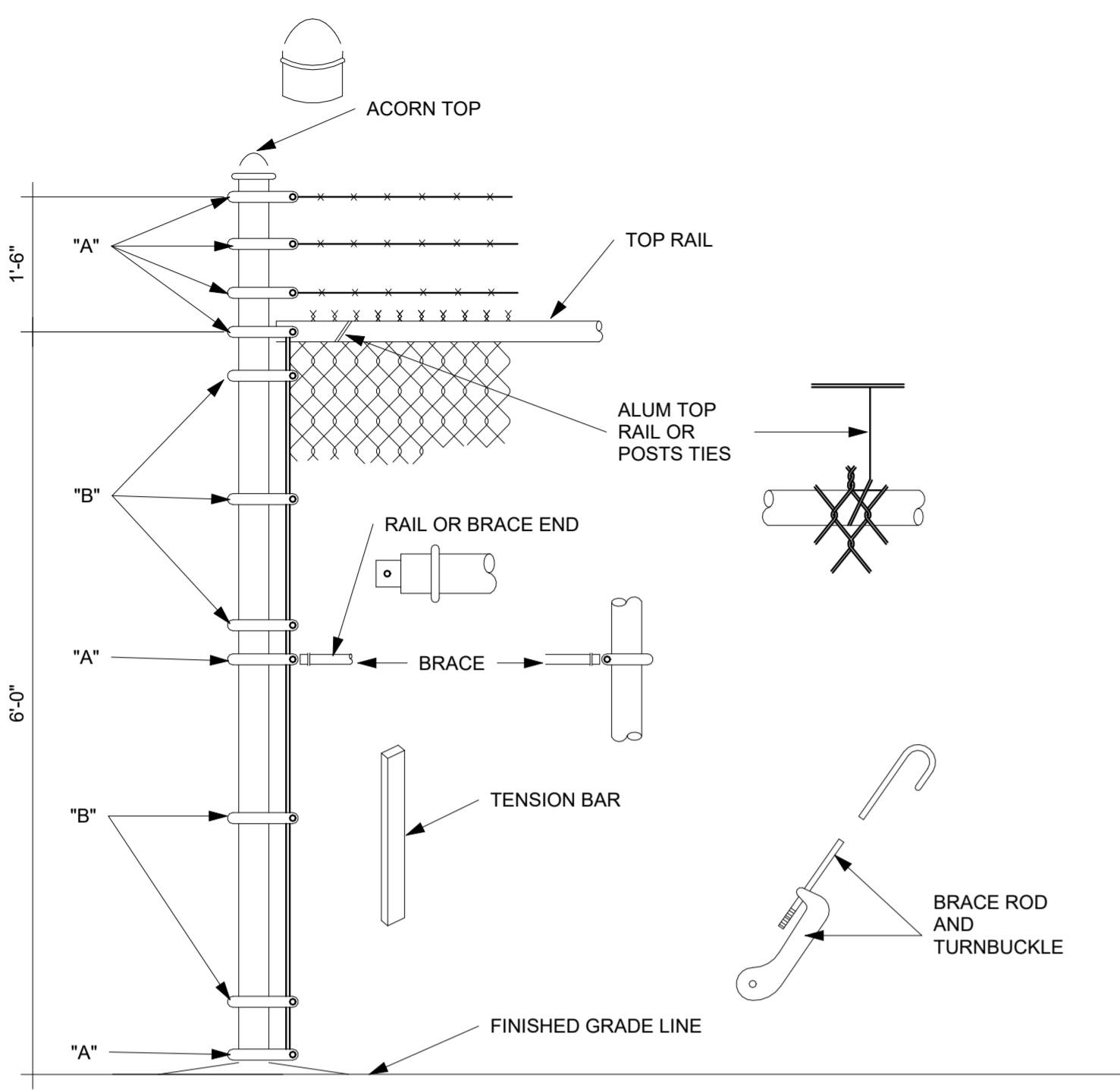
DETAILS AND SPECIFICATIONS

SCALE:
AS SHOWN

DELIVERY DATE:	PROJECT NUMBER: 21-0255-02
PRINT DATE & TIME: 8/8/2024 10:52:19 AM	BIM FILE NAME:
DRAWING / MODEL LOCATION:	

SHEET NO.
2DT501
OF

- NOTES:**
- CHAIN LINK FENCE - INDUSTRIAL TYPE NO.423
 - LINE POSTS 2 1/2" O.D. GALV. - STD.WEIGHT PIPE-3.85 LBS. PER LIN. FT.
 - TOP RAIL 1 5/8" O.D. GALV. - STD.WEIGHT PIPE-2.27 LBS. PER LIN. FT. (GATE FRAME IDEM.)
 - CORNER POST 3" Ø O.D. GALV. - STD. WEIGHT PIPE - 6.79 LBS. PER LIN. FT.
 - TENSION WIRE GA. NO.7 GALVANIZED
 - GATE POST 4"O.D. GALV. - STD. WEIGHT PIPE - 9.10 LBS. PER LIN. FT.
 - GALVANIZED CHAIN LINK GA. 9-2"x2"-1.2 OUNCES GALVANIZED AFTER WOVEN.
 - STD. WEIGHT PIPE, SCHEDULE 40A. 120 9. ALL FITTINGS - EXTRA HEAVY DUTY 10. MILL CERTIFICATE SHALL BE SUBMITTED.
 - TUBULAR STEEL PIPE SHALL BE INSTALL EVERY 50'-0" PANEL SPAN (SPAN=10'-0")
 - TUBULAR STEEL PIPE SHALL BE INSTALL EVERY DIRECTIONS CHANGE IN THE FENCE.
 - TUBULAR STEEL PIPE SHALL BE INSTALL AT EACH FENCE END PANEL.
 - ALL FITTINGS - EXTRA HEAVY DUTY.
 - MILL CERTIFICATE SHALL BE SUBMITTED.

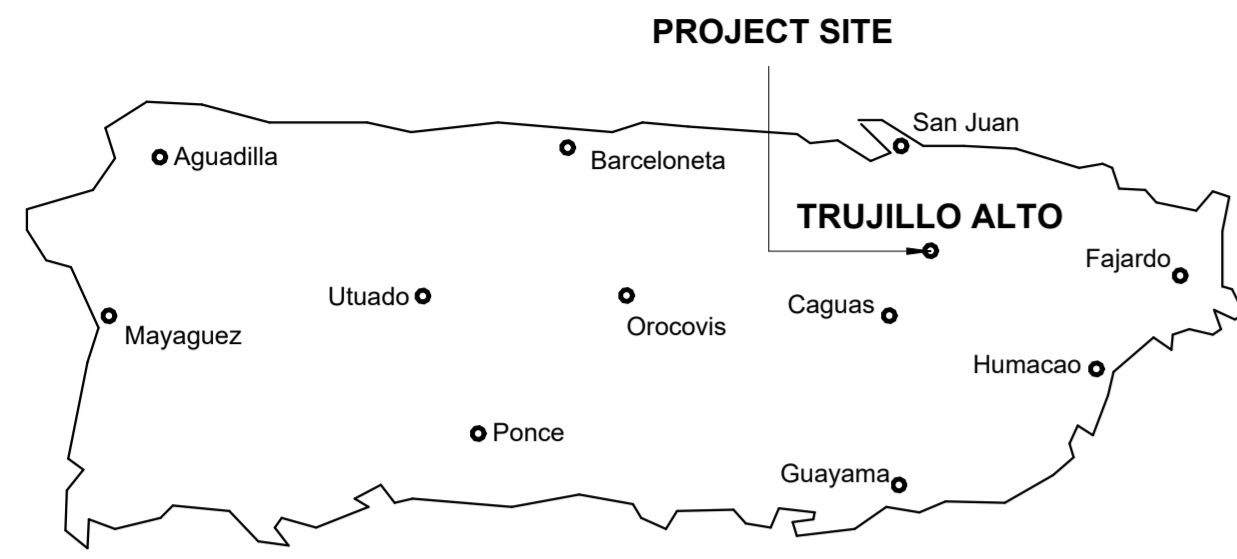


INSTALLATION DETAILS FOR CHAIN LINK FENCE & GATES

2
N.T.S.

CHAIN LINK FENCE PARTIAL ELEVATION (ALONG PROPERTY LIMITS)

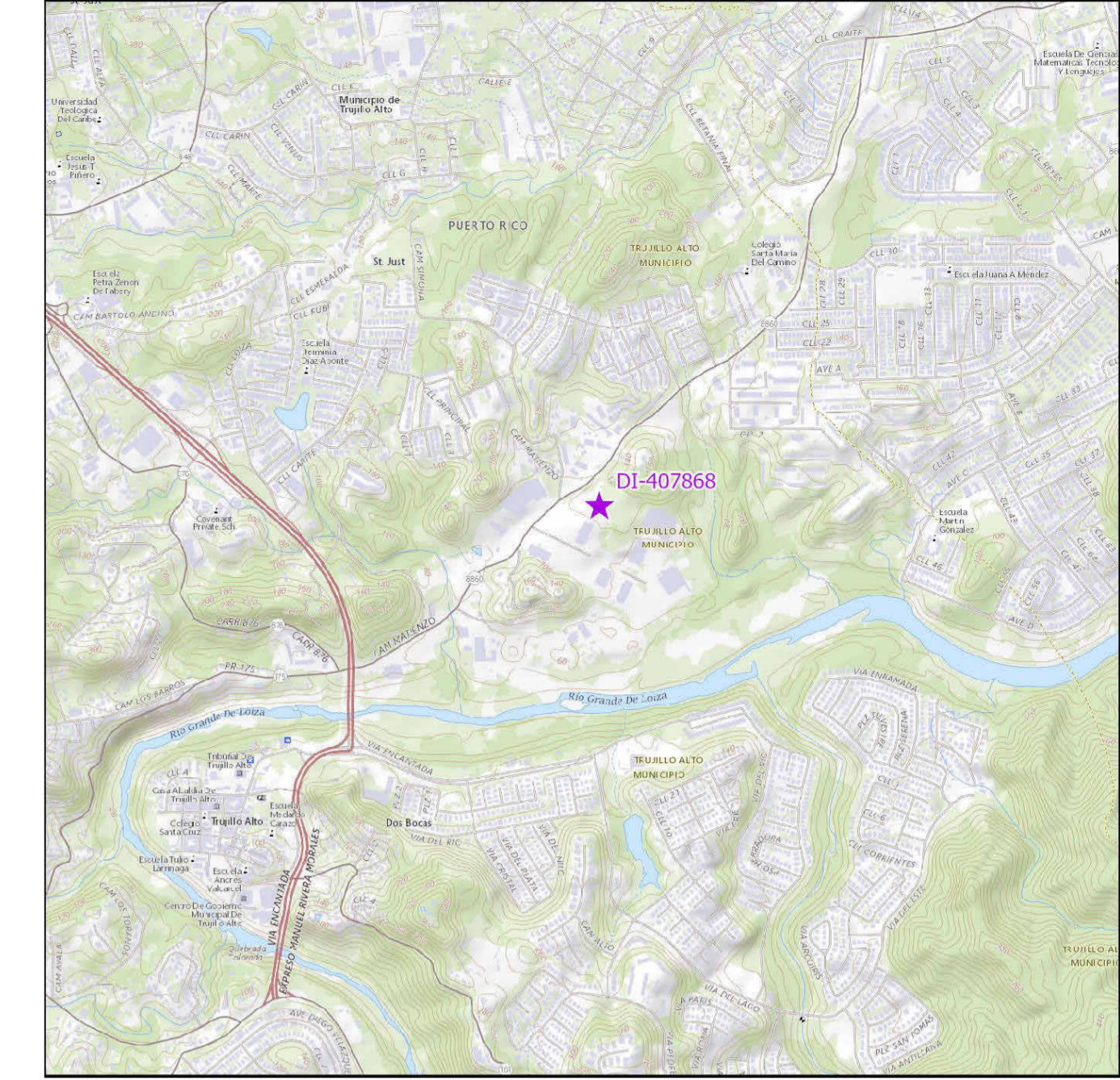
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N.T.S.



FLOOD MAP



AERIAL PHOTO
18.363150, -65.996030



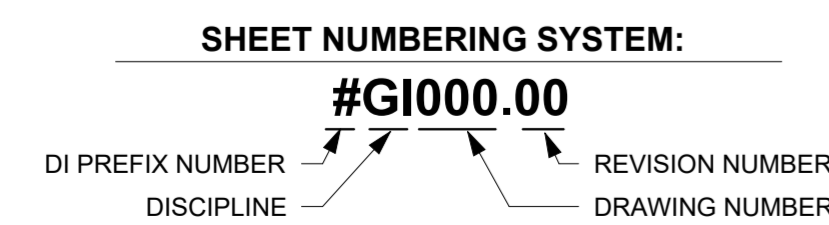
LOCATION MAP
SCALE 1:20,000

INDEX OF DRAWINGS - PW 8583, DI 407868			
Discipline	Sheet Number	Current Revision	Sheet Name
00GENERAL	3GI001		COVER SHEET-DI-407868
00GENERAL	3GI002		GENERAL NOTES, ABBREVIATIONS AND LEGEND
03ARCHITECTURAL	3AE101		SITE PLAN BUILDING # DI-407868
05DETAILS	3DT501		DETAILS AND SPECIFICATIONS

PRIDCO-FEMA 4339 DR PROGRAM METRO REGION STAGE 1 BID PACKAGE [M1-4]

3. PW: 8583 / DI: 407868 / Bldg: #T142908800 / Mun: Carr. #860, Bo. Las Cuevas, Trujillo Alto, Puerto Rico 00976

JUNE 10, 2024



PUERTO RICO
INDUSTRIAL DEVELOPMENT COMPANY
PRIDCO



DRAWING INFORMATION:
SHEET TITLE:

COVER SHEET-DI-407868

SCALE:

AS SHOWN

DELIVERY DATE: PROJECT NUMBER:
8/8/2024 10:52:20 AM 21-0259-02
DRAWING / MODEL LOCATION: BIM FILE NAME:

SHEET NO.
3GI001

GENERAL NOTES
1. PERFORM WORK IN ACCORDANCE WITH OSHA RULES AND REGULATIONS. COMPLY WITH THE REQUIREMENTS SET FORTH BY THE PR BUILDING CODE 2018, PR FIRE CODE 2018, PR MECHANICAL CODE 2018, PR PLUMBING CODE 2018, PR EXISTING BUILDING CODE 2018, ICC SUITE CODES 2018, REGLAMENTO CONJUNTO DE EMERGENCIA JUNE 16, 2023 AND WITH OTHER CODES, STANDARDS, AND REGULATIONS CALLED FOR IN SAID CODES.

ARCHITECTURAL NOTES
1. PRESSURE WASH, MINIMUM 3,000 PSI, EXISTING BUILDING EXTERIOR WALLS, WINDOWS, AND DOORS BEFORE BEGINNING SPECIFIED WORK. REPAIR INTERIOR AND EXTERIOR WALL SURFACES WITH CEMENT PLASTER PRIOR TO APPLYING PAINT FINISH. REPAIR WORK INCLUDES, BUT IS NOT LIMITED TO CUT AND PATCHING, REMOVAL OF NAILS AND SCREWS FROM WALLS, REPAIR OF MAJOR IMPERFS IN ROOFS AND FINISHES IN GENERAL.

ELECTRICAL GENERAL NOTES
1. NO WIRE SHALL BE SMALLER THAN # 12 AWG THHN, 600 VOLTS. NO CONDUIT SHALL BE SMALLER THAN 3/4". ALL CONDUIT SHALL BE RIGID GALVANIZED EXCEPT OTHERWISE INDICATED.

PLUMBING GENERAL NOTES:
1. PLUMBING SHALL BE IN STRICT ACCORDANCE WITH THE 2018 PUERTO RICO BUILDING CODE. 2. FURNISH AND SET IN PLACE BEFORE CONCRETE POURING ALL NECESSARY SLEEVES FOR WASTE OR SOIL, VENT, HOT, AND COLD WATER LINES, THESE SLEEVES SHALL BE AS SPECIFIED OR REQUIRED BY THE ARCHITECT.

HVAC GENERAL NOTES:
1. SUPPLY AND INSTALL ALL ELECTRICAL CONTROLS, SAFETY SWITCHES AND ACCESSORIES NOT INDICATED IN THE ELECTRICAL DRAWING AND NECESSARY FOR THE PROPER OPERATION OF THE EQUIPMENT IN ACCORDANCE WITH THE MECHANICAL EQUIPMENT RECOMMENDATIONS AND THE NATIONAL ELECTRIC CODE.

CIVIL SITE GENERAL NOTES
1. ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN METERS UNLESS OTHERWISE SPECIFIED. 2. ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL. 3. COORDINATES ARE BASED ON THE LAMBERT PROJECTION FOR PUERTO RICO AND THE US VIRGIN ISLAND AND REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83 NA2011) EPOCH 2010.00 ADJUSTED IN METERS

1. WALKS - WITHIN 8 FEET VERTICALLY OF THE PROPOSED WALK ELEVATION. 2. PARKING AREAS - WITHIN 12 FEET VERTICALLY OF THE PROPOSED PARKING SURFACE ELEVATION. 3. STREETS AND DRIVES - WITHIN 14 FEET VERTICALLY OF THE PROPOSED DRIVING SURFACE ELEVATION.

GENERAL STRUCTURAL NOTES
STRUCTURAL BUILDING AND DESIGN CODES:
1. PUERTO RICO BUILDING CODE 2018 AND ITS BINDING REFERENCED STANDARDS, INCLUDING BUT NOT LIMITED TO: a. THE INTERNATIONAL BUILDING CODE 2018 b. AMERICAN INSTITUTE FOR STEEL CONSTRUCTION (AISC), STEEL CONSTRUCTION MANUAL, 15th EDITION c. AMERICAN CONCRETE INSTITUTE (ACI), BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318-14. d. AMERICAN SOCIETY OF CIVIL ENGINEERS, MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES, ASCE/SEI 7-16

CONCRETE STRENGTH AT 28 DAYS - 3,000 PSI
MAX. WATER/CEMENT RATIO - 0.65
RECOMMENDED SLUMP - 4 INCHES
MAX. AGGREGATE SIZE (ASTM C33) - 1 INCH

METAL DECK
1. PROVIDE DESIGN, FABRICATION, AND ERECTION OF METAL DECK CONFORMING TO THE STEEL DECK INSTITUTE'S "CODE OF RECOMMENDED STANDARD PRACTICE AND BASIC DESIGN SPECIFICATIONS". 2. FORM ROOF DECK FROM STEEL SHEETS CONFORMING TO ASTM A 611 GRADE C AND D OR A 653 OR HIGHER SPECIFICATION WITH A MINIMUM YIELD STRENGTH OF 33 KSI.

NOTES (IF APPLICABLE):
TREE REMOVAL:
1. REMOVE ALL TREES INDICATED BY DRAWINGS AND SPECIFICATIONS, AS REQUIRED, IN A MANNER THAT WILL NOT DAMAGE ADJACENT TREES OR STRUCTURES, OR COMPACT THE SOIL. 2. REMOVE STUMPS AND IMMEDIATE ROOT PLATE FROM EXISTING TREES TO BE REMOVED. GRIND TRUNK BASES AND LARGE BUTTRESS ROOTS EITHER TO THE DEPTH OF THE LARGEST BUTTRESS ROOT OR AT LEAST 18 INCHES BELOW THE TOP MOST ROOT.

GENERAL DRAWING SYMBOLS:
EXISTING WALL
NEW CONCRETE BLOCK WALL 6" OR 8"
NEW PLYCEM BOARD WALL
COLUMNS
MATCH LINE
HIDDEN OUTLINE (SHOWING CONDITION BELOW, ABOVE OR BEHIND AS INDICATED.)
DETAIL REFERENCE NUMBER
DETAIL REFERENCE SYMBOL
SHEET WHERE DETAIL IS DRAWN
ELEVATION REFERENCE NUMBER
ELEVATION
SHEET WHERE ELEVATION IS DRAWN
SECTION REFERENCE NUMBER
GENERAL BUILDING SECTION
SHEET WHERE SECTION IS DRAWN
WALL SECTION REFERENCE NUMBER
WALL SECTION
SHEET WHERE WALL SECTION IS DRAWN
SHEET WHERE INT. ELEV. IS DRAWN
INTERIOR ELEVATION SYMBOL
ELEVATION REFERENCE NUMBER
NORTH ARROW
AXIS SYMBOL
DOOR SYMBOL
WINDOW SYMBOL
KEY NOTE
EQUIPMENT SYMBOL
LEVEL SYMBOL
RISER SYMBOL
ROOM IDENTIFICATION
ROOM NUMBER
REVISION SYMBOL
HANDICAPPED SYMBOL

ABBREVIATIONS:
A.F.F. ABOVE FINISHED FLOOR
A/C AIR CONDITIONING
ALUMINUM ALUMINUM
BOTTOM BOTTOM
C.C. CENTER TO CENTER
C.M.U. CONCRETE MASONRY UNIT
CORR. CORRIDOR
CORRN. CORROSION
ELEV. ELEVATION
EQ. EQUAL
F.L. FLOOR DRAIN
F.F.L. FINISH FLOOR ELEVATIONS
F.F.S. FINISH FLOOR LEVEL
F.N. FINISH(ED)
H.D.W. HARDWARE
HGT. HEIGHT
INT. INTERIOR
J.C. JANITOR CLOSET
M.A.S. MASONRY
MECH. MECHANICAL
M.N. MINIMUM
M.T.D. MOUNTED
N.I.C. NOT IN CONTRACT
N.A. NOT APPLICABLE
O.C. ON CENTER
O.P.N.G. OPENING
R.D. RADIUS
R.M. ROOM
R.E.Q. REQUIRED
REV. REVISION
S.C.P. SMOOTH CEMENT PLASTER
S.S. STAINLESS STEEL
ST. STORM SEWER
STL. STEEL
STOR. STORAGE
STRUCT. STRUCTURAL
T.O.M. TOP OF MASONRY
T.O.S. TOP OF STEEL
TEL. TELEPHONE
THK. THICK
TYP. TYPICAL
U.O.N. UNLESS OTHERWISE NOTED
D.M.H. DROP MANHOLE
M.H. MANHOLE
V.I.F. VERIFY IN FIELD



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ISSUE FOR BID

Issue Date

Table with 3 columns: REV, DATE, DESCRIPTION

DISCIPLINE INFORMATION:
PRIME PROFESSIONAL: ANNETTE ALFONSO
PROFESSIONAL OF RECORD: ANNETTE ALFONSO
STAFF DESIGNER: CARLOS COLON
C.C. AUDITOR:

PROFESSIONAL'S STATEMENT:

YO, ANNETTE ALFONSO
NUM. LIC. 12304

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PROJECT:

PRIDCO DAMAGE IMPROVEMENTS
METRO REGION STATE 1
BID PACKAGE M1-4
PW: 9522 / COMERIO

DRAWING INFORMATION:





Table with 2 columns: DATE, ISSUE DESCRIPTION

GENERAL NOTES, ABBREVIATIONS AND LEGEND

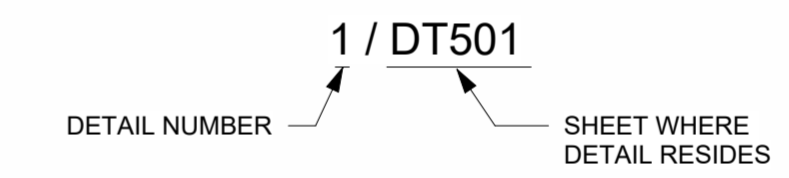
AS SHOWN

Table with 2 columns: DELIVERY DATE, PROJECT NUMBER; PRINT DATE & TIME, BIM FILE NAME; DRAWING / MODEL LOCATION; SHEET NO., 3G1002



CONSTRUCTION KEY NOTES SCHEDULE DI - 407868							
#ID	TYPE OF DAMAGE	DESCRIPTION	DIMENSION	QUANTITY	DETAIL	TECHNICAL SPECS	PHOTO
1	Public Assistance (PA)	Fascias, 136 LF long x 2 LF wide, 1/2" Plycem laminar cement board, 24" wide. Remove and dispose of damaged material. Clean and prepare the surface for new material. Install new fascia as per the manufacturer's instructions and PRIDCO specifications.	136 LF long x 2 LF	136 LF	1 / 3DT501	074646	
2	Public Assistance (PA)	Replace rectangular wall luminaires, wallpack, 1500W with new ones in accordance with specifications.		6 EA		265619	
3	Public Assistance (PA)	Replace Circular Shape Wall Mounted Light Fixture, wallpack, 1500W with new ones in accordance with specifications.		2 EA		265619	
4	Public Assistance (PA)	Perimeter Fence, 230 LF long x 6 FT high, chain link, galv. Ga. No. 9, Post - 2-1/2" inch diam galv., 3-strands Barbed Wire (4-point) (Remove and dispose of the damaged chain-link fence section. Clear obstructions and install a new chain-link fence in-kind per manufacturer's guidelines and code regulations.)	230 LF long x 6 FT	230 LF	2 / 3DT501 3 / 3DT501	323113	

NOTE: SEE GENERAL NOTES, ITEM #7 IN 3GI002



1 KEY PLAN DI 407868
N.T.S.

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FOR:
PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY PRIDCO

ISSUE FOR BID

Issue Date

REV	DATE	DESCRIPTION

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ANNETTE ALFONSO
PROFESSIONAL OF RECORD:
ANNETTE ALFONSO
STAFF DESIGNER:
CARLOS COLON
C.C. AUDITOR:

PRINCIPAL CAD TECHNICIAN:
PROFESSIONAL'S STATEMENT:

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PROJECT:
PRIDCO DAMAGE IMPROVEMENTS METRO REGION STAGE 1 BID PACKAGE M1-4 PW: 9522 / COMERIO

DATE	ISSUE DESCRIPTION

DRAWING INFORMATION:
SHEET TITLE:
SITE PLAN BUILDING # DI-407868

SCALE:
AS SHOWN

DELIVERY DATE:	PROJECT NUMBER:
8/8/2024 10:52:27 AM	21-0258-02
PRINT DATE & TIME:	BIM FILE NAME:
8/8/2024 10:52:27 AM	
DRAWING / MODEL LOCATION:	
SHEET NO.	
3AE101	
OF	

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FOR:
PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY PRIDCO

ISSUE FOR BID

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PROJECT:
PRIDCO DAMAGE IMPROVEMENTS METRO REGION STAGE 1 BID PACKAGE M1-4 PW: 9522 / COMERIO

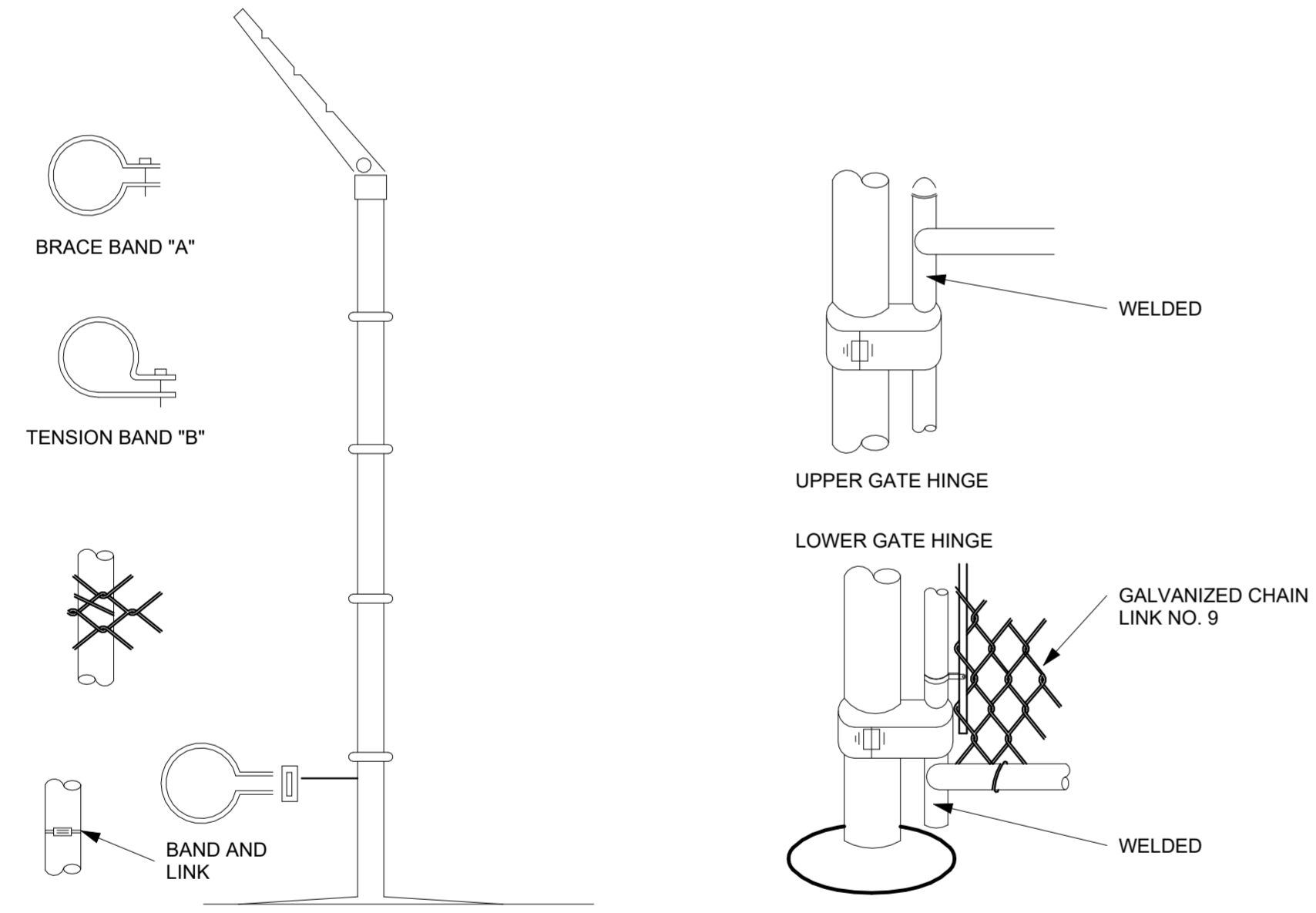
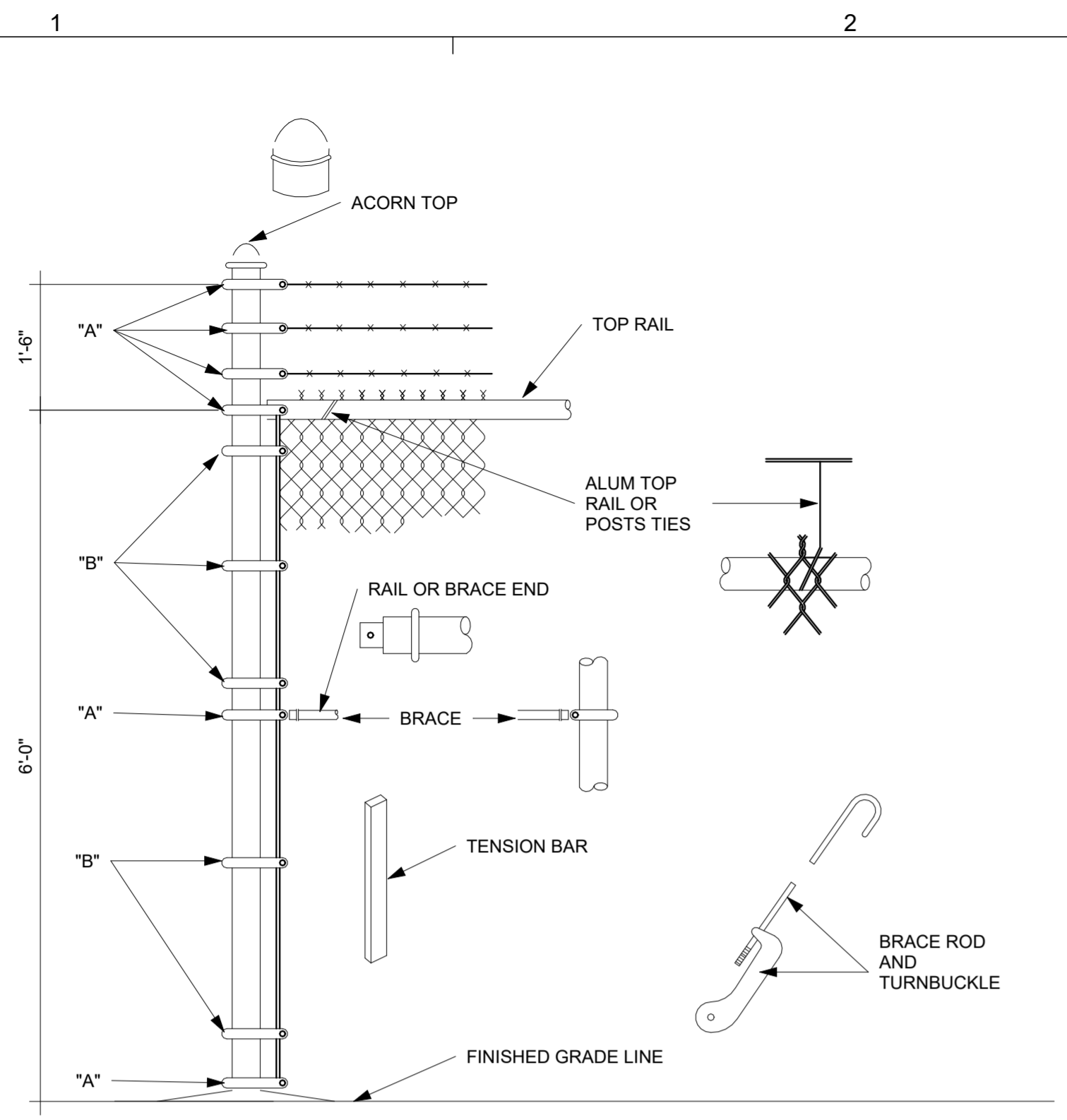
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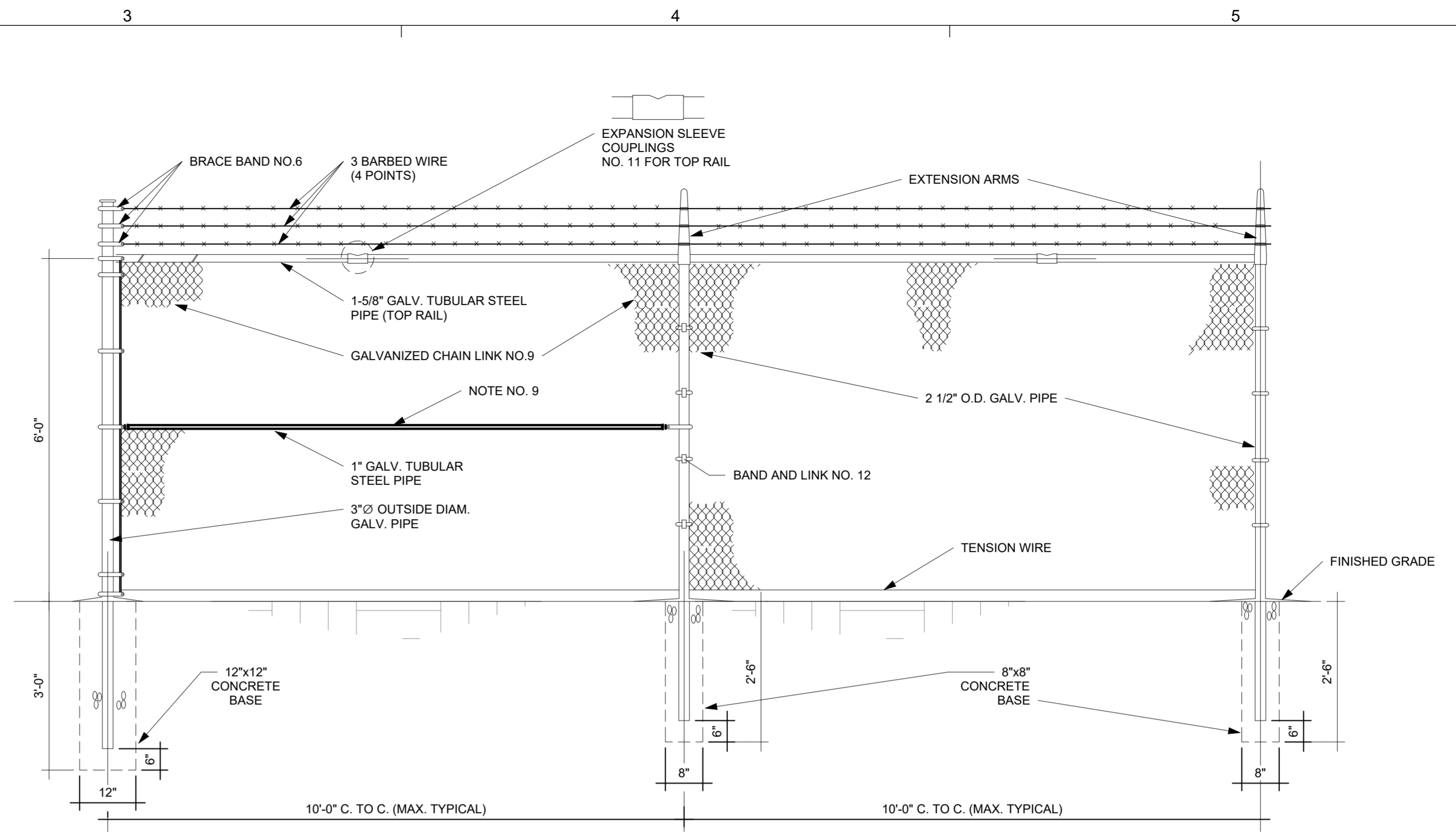
DETAILS AND SPECIFICATIONS

SCALE:
AS SHOWN

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PRINT DATE & TIME: 8/8/2024 10:52:28 AM	BIM FILE NAME:
DRAWING / MODEL LOCATION:	
SHEET NO. 3DT501	OF

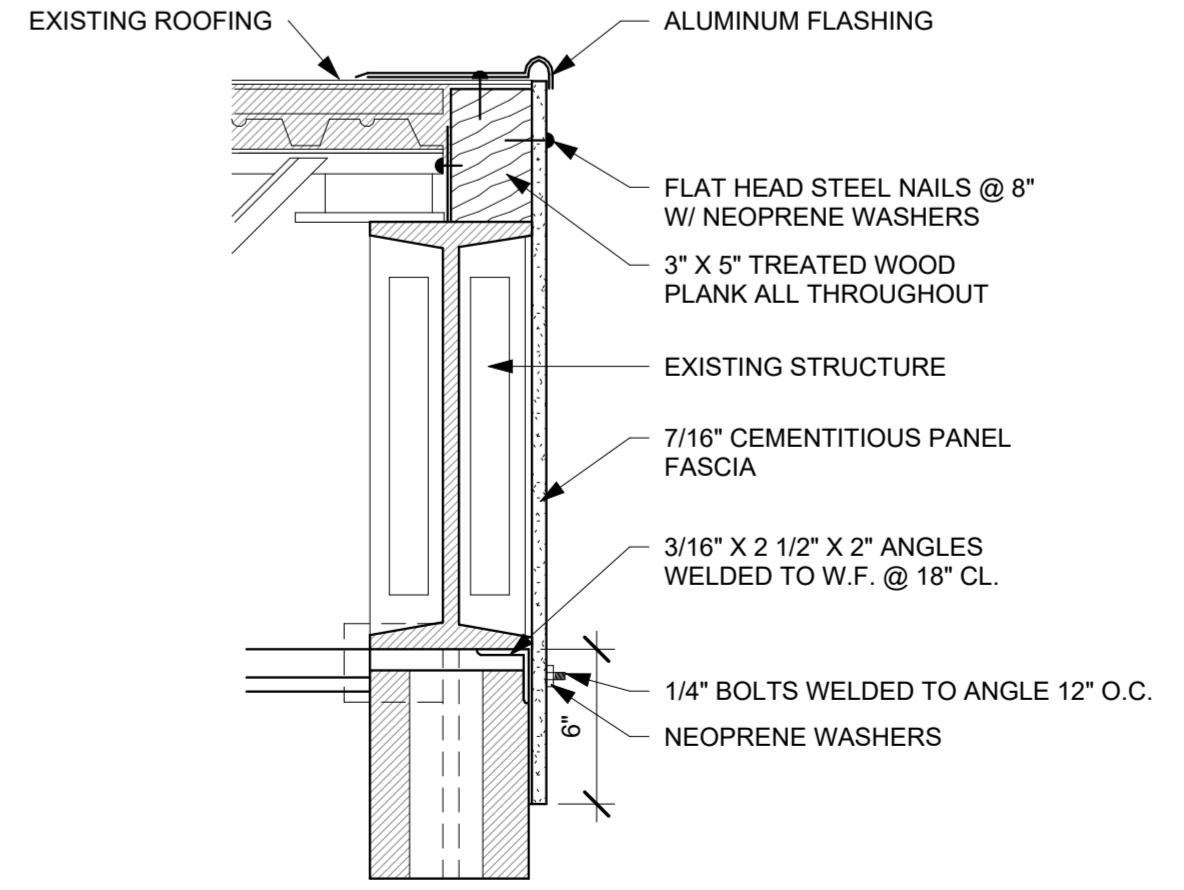


3 INSTALLATION DETAILS FOR CHAIN LINK FENCE & GATES
N.T.S.



- NOTES:**
- CHAIN LINK FENCE - INDUSTRIAL TYPE NO.423
 - LINE POSTS 2 1/2" O.D. GALV. - STD.WEIGHT PIPE-3.85 LBS. PER LIN. FT.
 - TOP RAIL 1 5/8" O.D. GALV. - STD.WEIGHT PIPE-2.27 LBS. PER LIN. FT. (GATE FRAME IDEM.)
 - CORNER POST 3" O.D. GALV. - STD. WEIGHT PIPE - 6.79 LBS. PER LIN. FT.
 - TENSION WIRE GA. NO.7 GALVANIZED
 - GATE POST 4"O.D. GALV. - STD. WEIGHT PIPE - 9.10 LBS. PER LIN. FT.
 - GALVANIZED CHAIN LINK GA. 9-2"X2"-1.2 OUNCES GALVANIZED AFTER WOOVEN.
 - STD. WEIGHT PIPE, SCHEDULE 40A. 120 9. ALL FITTINGS - EXTRA HEAVY DUTY 10. MILL CERTIFICATE SHALL BE SUBMITTED.
 - TUBULAR STEEL PIPE SHALL BE INSTALL EVERY 50'-0" PANEL SPAN (SPAN=10'-0")
 - TUBULAR STEEL PIPE SHALL BE INSTAL EVERY DIRECTIONS CHANGE IN THE FENCE.
 - TUBULAR STEEL PIPE SHALL BE INSTALL AT EACH FENCE END PANEL.
 - ALL FITTINGS - EXTRA HEAVY DUTY.
 - MILL CERTIFICATE SHALL BE SUBMITTED.

2 CHAIN LINK FENCE PARTIAL ELEVATION (ALONG PROPERTY LIMITS)
N.T.S.



1 FASCIA DETAIL
N.T.S.