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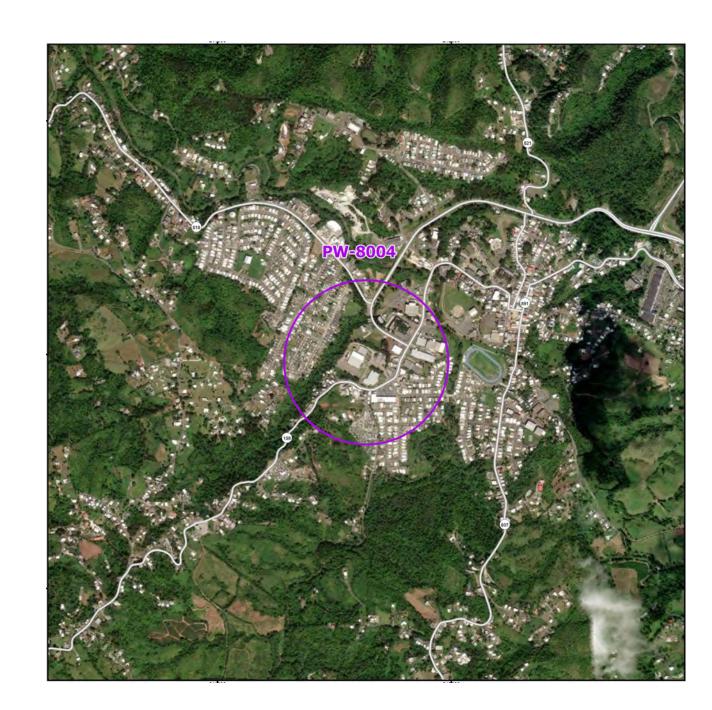
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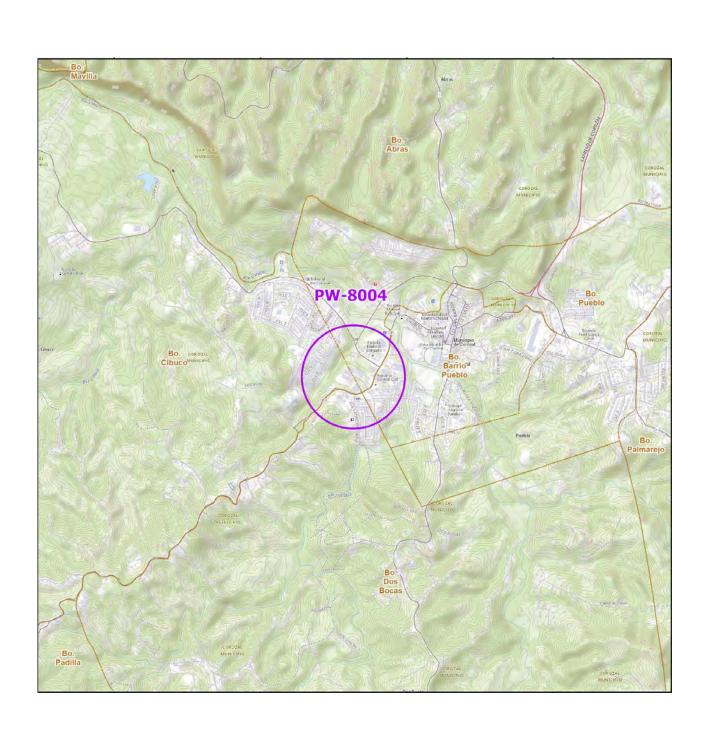
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FLOOD MAP AERIAL PHOTO

LOCATION MAP SCALE 1:20,000

NORTH REGION STAGE 1 BID PACKAGE N1-2 PRIDCO-FEMA 4339 DR PROGRAM

REPAIR AND IMPROVEMENTS OF INDUSTRIAL BUILDINGS OF THE PR INDUSTRIAL DEVELOPMENT COMPANY FOR THE:

1 PW: 8004 / DI: 219020 / Bldg: T078906600 / Mun: Corozal 2 PW: 8004 / DI: 219021 / Bldg: T090306800 / Mun: Corozal 3 PW: 8004 / DI: 219022 / Bldg: T090407000 / Mun: Corozal 4 PW: 8004 / DI: 219023 / Bldg: T090506800 / Mun: Corozal 5 PW: 8004 / DI: 219024 / Bldg: T123007700 / Mun: Corozal NOVEMBER 30, 2023

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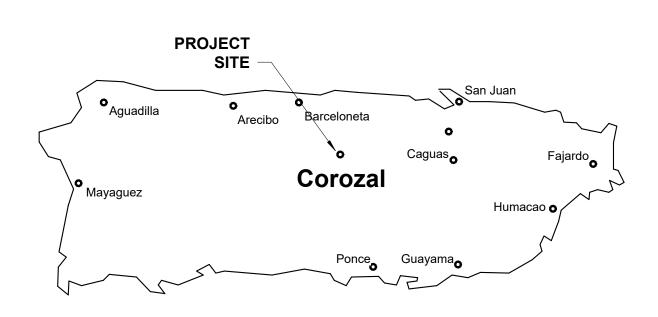
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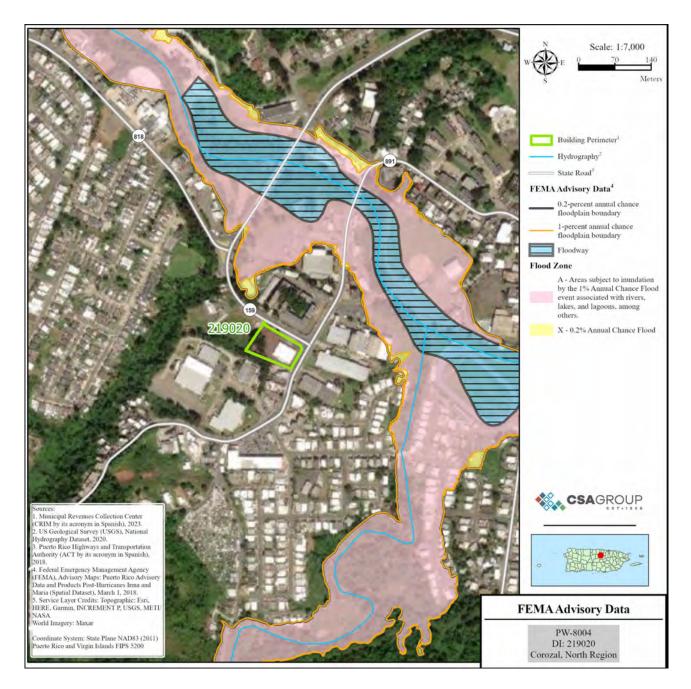
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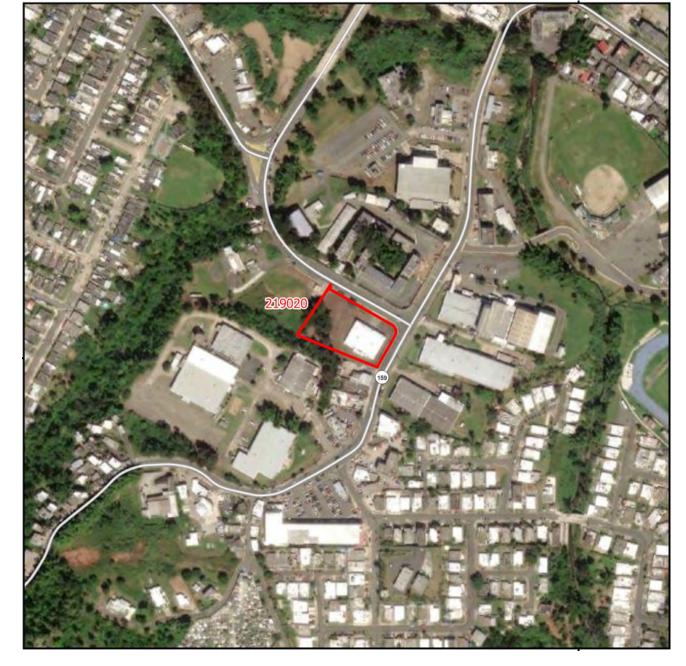


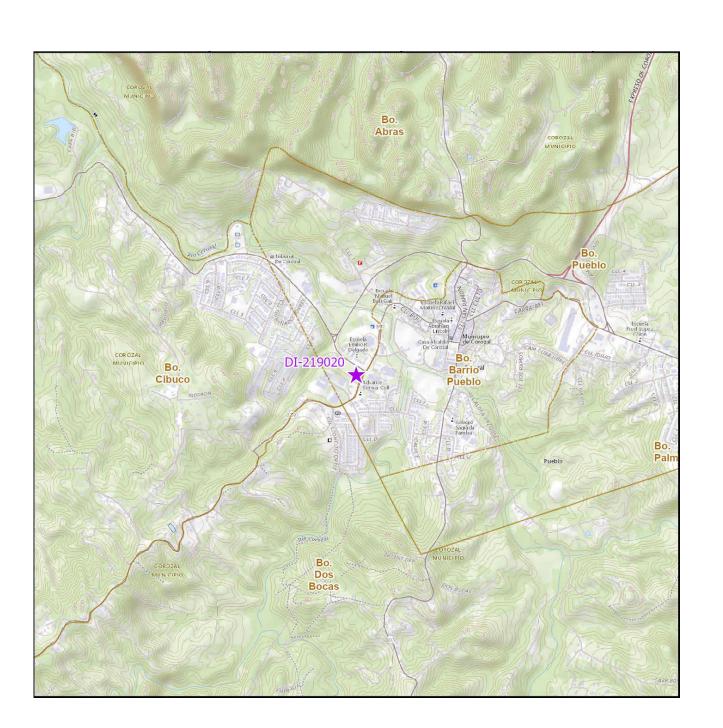


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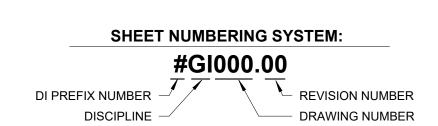
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PRIDCO-FEMA 4339 DR PROGRAM NORTH REGION STAGE 1 BID PACKAGE N1-2

1 PW:8004 | DI:219020 | Bldg:T078906600

Cibuco Ward L-153-0-58-00 Corozal, Puerto Rico

NOVEMBER 30, 2023







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GENERAL NOTES PLUMBING GENERAL NOTES: **GENERAL STRUCTURAL NOTES GENERAL DRAWING SYMBOLS:** ABBREVIATIONS: PERFORM WORK IN ACCORDANCE WITH OSHA RULES AND REGULATIONS. PLUMBING SHALL BE IN STRICT ACCORDANCE WITH THE 2018 PUERTO RICO BUILDING CODE. STRUCTURAL BUILDING AND DESIGN CODES: ABOVE FINISHED FLOOP EXISTING WALL COMPLY WITH THE REQUIREMENTS SET FORTH BY THE PR BUILDING CODE 2018, AIR CONDITIONING ALUMINUM PR FIRE CODE 2018, PR MECHANICAL CODE 2018, PR PLUMBING CODE 2018, PR FURNISH AND SET IN PLACE BEFORE CONCRETE POURING ALL NECESSARY SLEEVES FOR WASTE OR SOIL, 1. PUERTO RICO BUILDING CODE 2018 AND ITS BINDING REFERENCED STANDARDS, INCLUDING BUT NOT LIMITED TO: NEW CONCRETE BLOCK WALL 6" OR 8" EXISTING BUILDING CODE 2018, ICC SUITE CODES 2018, REGLAMENTO CONJUNTO VENT, HOT, AND COLD WATER LINES, THESE SLEEVES SHALL BE AS SPECIFIED OR REQUIRED BY THE THE INTERNATIONAL BUILDING CODE 2018 CENTER TO CENTER NEW PLYCEM BOARD WAL DE EMERGENCIA JUNE 16, 2023 AND WITH OTHER CODES, STANDARDS, AND AMERICAN INSTITUTE FOR STEEL CONSTRUCTION (AISC), STEEL CONSTRUCTION MANUAL, 15 TH EDITION CONCRETE MASONRY UNI REGULATIONS CALLED FOR IN SAID CODES. AMERICAN CONCRETE INSTITUTE (ACI), BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318-14 CORROSION THE PLUMBING DRAWING IS GENERALLY DIAGRAMATTIC AND INDICATIVE OF THE WORK TO BE INSTALLED. RUN PERFORM WORK IN ACCORDANCE WITH ACCESSIBILITY COMPLIANCE AS PER AMERICAN SOCIETY OF CIVIL ENGINEERS, MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND ELEVATION ALL PIPING CONCEALED WHEREVER POSSIBLE UNLESS OTHERWISE NOTED. OTHER STRUCTURES, ASCE/SEI 7-16 COMPLY WITH APPLICABLE RULES AND REGULATIONS FOR OBTAINING FLOOR DRAIN NECESSARY AND REQUIRED INSPECTIONS. APPROVALS AND PERMITS SIZES SHOWN IN FIXTURE SCHEDULE ARE MINIMUM AND SHALL BE INCREASED AS NECESSARY TO COMPLY STRUCTURAL NOTES ON CONCRETE REPAIR: FINISH FLOOR ELEVATION: NECESSARY TO PERFORM WORK AND SERVICES FOR THE PROJECT. WITH CODE REQUIREMENTS OR AS SHOWN ON DRAWINGS FINISH FLOOR LEVEL CONDITION BELOW, ABOVE OR EXECUTE WORK IN ACCORDANCE WITH THE BEST ACCEPTED TRADE ALL CONCRETE REPAIR WORKS SHALL BE PERFORMED FOLLOWING THE GUIDELINES OF THE INTERNATIONAL CONCRETE BEHIND AS INDICATED. FINISH(ED) PRACTICES, AS PER MANUFACTURER'S WRITTEN RECOMMENDATIONS, AND IN A 5. BEFORE CONSTRUCTION VERIFY EXISTING ELEVATIONS AGAINST PROPOSED SLOPES. ANY DISCREPANCIES REPAIR INSTITUTE (ICRI). HIRING A PROFESSIONAL EXPERIENCED IN THIS TYPE OF REPAIR IS RECOMMENDED TO ENSURE A HARDWARE CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE NOISE, DUST, OR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. DISTURBANCE TO OCCUPANTS. FOR THE REPAIR OF AREAS AFFECTED BY CORROSION, ICRI NO. 03730 GUIDELINE FOR SURFACE PREPARATION FOR THE INTERIOR - DETAIL REFERENCE NUMBER IMPLEMENT SAFETY CONTROLS DURING DEMOLITION/CONSTRUCTION WORK, AS 6. CLEANOUT SHALL BE OF SAME SIZE AS THE PIPES TO WHICH THEY ARE CONNECTED UP TO 4", FOR LARGE JANITOR CLOSET REPAIR OF DETERIORATED CONCRETE RESULTING FROM REINFORCING STEEL CORROSION SHOULD BE FOLLOWED. DETAIL REFERENCE SYMBO MASONRY PIPES; CLEANOUT SHALL BE 4". PER OSHA REQUIREMENTS. BEFORE COMMENCING ANY CONCRETE REPAIR WORK, THE REPAIR DETAILS PRESENTED IN THE DRAWINGS SHALL BE MECHANICAL DAILY REMOVE DEBRIS RESULTING FROM DEMOLITION/CONSTRUCTION AND REVIEWED. IN CASE OF DOUBT WITH THE REPAIR DETAILS PRESENTED, CONTACT THE ARCHITECT OR ENGINEER OF SHEET WHERE DETAIL IS DRAWN MINIMUM UNLESS OTHERWISE INDICATED, ALL DRAINAGE PIPING 3" AND SMALLER SHALL BE SLOPED 1/4" PER FT., LARGER TRANSPORT IT OUT OF PROJECT LIMITS. PERFORM DISPOSAL OPERATION IN RECORD FOR CLARIFICATION. MOUNTED ACCORDANCE WITH GOVERNMENT APPROVALS AND REGULATIONS. SITE AND PIPES SHALL BE SLOPED 1/8"PER FOOT. ELEVATION REFERENCE NUMBER IT IS IMPORTANT TO FOLLOW THE MANUFACTURER'S RECOMMENDATIONS FOR EACH PRODUCT UTILIZED FOR THIS JOB, IN NOT IN CONTRACT STRUCTURE SHALL BE LEFT BROOM CLEANED FOR SUBSTANTIAL COMPLETION. ORDER TO GUARANTEE THAT THE REPAIR WORKS ARE CARRIED OUT ADEQUATELY. NOT APPLICABLE DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS IN THE FIELD BEFORE CLEANOUT SHALL BE NOT MORE THAN 50 FEET AP-ART IN HORIZONTAL DRAINAGE LINES OF 4" NOMINAL ON CENTER SHEET WHERE ELEVATION IS DRAWN PROCEDING WITH ANY PORTION OF THE WORK. ADVISE IN WRITING TO DIAMETER OR LESS AND NOT MORE THAN 100 FEET APART FOR LARGER PIPES. STRUCTURAL NOTES ON CAST-IN-PLACE CONCRETE: CONSTRUCTION MANAGER AND ARCHITECT OF DISCREPANCY BETWEEN - SECTION REFERENCE NUMBER EXISTING CONDITIONS AND DRAWINGS PRIOR TO COMMENCING RELATED WORK. 9. FOR FIXTURES AND EQUIPMENT NOT LISTED IN SCHEDULE, SEE CONTRACT SPECIFICATIONS. PORTLAND CEMENT SHALL BE TYPE II. GENERAL BUILDING SECTION REPORT TO CONSTRUCTION MANAGER AND ARCHITECT DISCREPANCIES IN THE REQUIRED ALL CONCRETE SHALL BE OF REGULAR WEIGHT (145 POUNDS PER CUBIC FOOT). DETERMINE EXACT LOCATION OF THE PIPING TO AVOID ANY INTERFERENCE WITH PIPING AND/OR EQUIPMENT CONTRACT DRAWINGS, SPECIFICATIONS OR DETAILS PRIOR TO COMMENCING THE FOLLOWING CONCRETE MIX PARAMETERS SHALL BE USED UNLESS OTHERWISE NOTED: - SHEET WHERE SECTION IS DRAWN SMOOTH CEMENT PLASTER BEING INSTALLED BY ANOTHER SUB-CONTRACTOR. STAINLESS STEEL COORDINATE CIVIL, MECHANICAL, ELECTRICAL, ARCHITECTURAL AND WALL SECTION REFERENCE NUMBER CONCRETE STRENGTH AT 28 DAYS - 3,000 PSI STORM SEWER SANITARY TEES (SINGLE AND DOUBLE) AND QUARTER BENDS SHALL BE ACCEPTABLE ONLY FOR CHANGES OF STRUCTURAL REQUIREMENTS FOR PROPER LOCATION AND PROVISIONS OF MAX. WATER/CEMENT RATIO - 0.65 WALL SECTION SLEEVES, INSERTS, OPENINGS AND ROUGH-IN REQUIRED DIRECTION FROM HORIZONTAL TO VERTICAL RECOMMENDED SLUMP – 4 INCHES SHEET WHERE WALL SECTION IS DRAWN STRUCTURAL STRUCT CONDUCT DEMOLITION/CONSTRUCTION OPERATION TO INSURE MINIMUM MAX. AGGREGATE SIZE (ASTM C33) – 1 INCH TOP OF MASONRY INTERFERENCE WITH ROADS, STREETS, SIDEWALKS AND OTHER ADJACENT USE LONG SWEEPING FITTINGS AND/OR LONG SWEEP BENDS AT BASE OF ALL STACKS. TOP OF STEEL - SHEET WHERE INT. ELEV. IS DRAWN PROVIDE CONCRETE MIXES DESIGNED BY A QUALIFIED TESTING LABORATORY FOR REVIEW AND APPROVAL BY THE TELEPHONE THE USE OF A BRAND NAME AND/OR MODEL NUMBER TO DENOTE PRODUCTS, PROVIDE ROUGHING-IN AND INSTALL ALL PLUMBING FIXTURES AND/OR EQUIPMENT WHICH ARE SUPPLIED BY STRUCTURAL ENGINEER. CONCRETE MIX DESIGN SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER INTERIOR ELVATION SYMBOL THICK EQUIPMENTS, MATERIALS, OR PROCESS, IS INTENDED TO ESTABLISH A AUTHORIZED TO EXERCISE THE PROFESSION IN THE COMMOM WEALTH OF PUERTO RICO. **ELEVATION REFERENCE NUMBER** STANDARD OF QUALITY AND SHALL NOT BE CONSTRUED AS LIMITING UNLESS OTHERWISE NOTED FOR ALL UNDERGROUND SANITARY AND STORM DRAINAGE USE: PVC POLYVINYL CHLORIDE) SEWER PIPE AND DROP MANHOLE DO NOT COMMENCE ANY DEMOLITION OF SITE ELEMENTS OR STRUCTURE UNTIL FITTING: ASTM D 3034, SDR-35, FOR SOLVENT CEMENT OR ELASTOMERIC GASKET JOINTS. A. SOLVENT CEMENT: **NOTE ON REINFORCING STEEL BARS:** MANHOLE THE HAZARDOUS MATERIAL ABATEMENT IS DONE AND EPA CERTIFICATION IS ASTM D 2564 B. GASKETS: ASTM F 477, ELASTOMERIC SEAL. VERIFY IN FIELD NORTH ARROW OBTAINED, STATING THAT THE SITE ELEMENTS AND STRUCTURES ARE FREE OF N.E.C. NATIONAL ELECTRIC CODE ALL REINFORCING STEEL SHALL BE NEW STOCK DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60 (FY = 60 KSI). HAZARDOUS MATERIALS. PRIOR TO COMMENCEMENT OF THE HAZARDOUS PROVIDE ALL PIPE OPENINGS THROUGH SLABS WITH SLEEVES HAVING AN INTERNAL DIAMETER AT LEAST 1" MAINTAIN THE FOLLOWING CONCRETE COVERAGE FOR REINFORCING STEEL UNLESS NOTED OTHERWISE: LARGER THAN THE OUTSIDE DIAMETER OF UN-INSULATED PIPES OR OF THE INSULATION FOR INSULATION MATERIAL ABATEMENT THE BUILDING AND SITE SHALL BE VACANT CONCRETE CAST AGAINST EARTH: 3 INCHES SPECIFIED TREE PRUNING OR CUTTING OR INCIDENTAL TO OTHER REPAIR WORK SERVICES. FLOOR SLEEVES ARE TO PROJECT 2" ABOVE FINISHED FLOORS. CONCRETE IN CONTACT WITH THE GROUND: 2 INCHES MAY REQUIRE A DRNA PERMIT. THE CONTRACTOR IS RESPONSIBLE FOR CONCRETE SLAB AND WALLS WITHOUT CONTACT WITH GROUND: 1 INCHES AXIS SYMBO OBTAINING PERMIT BEFORE PERFORMING THE WORK. SLEEVES SHALL BE SCHEDULES 40 GALVANIZED STEEL PIPE CONCRETE BEAMS AND COLUMNS: 1 1/2 INCHES IF APPLICABLE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OR BOTTOM OF THE WATER SERVICES LINE SHALL BE 12 INCHES ABOVE THE HIGHEST POINT OF THE SEWER LINE ENCAPSULATION OF LEAD/ASBESTOS FOUND IN THE PROJECT SITE, AS FOUND STRUCTURAL STEEL WHENEVER THE HORIZONTAL DISTANCE BETWEEN THEM IS LESS THAN 5 FT. IN THE SITE STUDIES. CONTRACTOR SHALL ENGAGE THE SERVICES OF A SPECIALIZED COMPANY THAT WILL SUBMIT A MITIGATION PLAN, PERFORM AS DESIGN, DETAIL AND ERECT STRUCTURAL STEEL ELEMENTS IN ACCORDANCE WITH THE FOLLOWING: WINDOW SYMBOL PROVIDE DOWNSPOUT NOZZLES (SIMILAR TO JAY R. SMITH FIG 1770) AT THE OVERFLOW RAIN WATER OUTLETS, PER PLAN CONSIDERING ALL LOCAL AND FEDERAL ENVIRONMENTAL LAWS, AND 18. PROVIDE DOCUMENTATION ON PROCEDURES AND EXECUTION. AT FIRST LEVEL. KEY NOTE AISC SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS AISC MANUAL OF STEEL CONSTRUCTION, ALLOWABLE STRESS DESIGN. SUPPLY AND INSTALL 1/4 TURN SHUT OFF VALVES AT EVERY PLUMBING FIXTURE. AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES. PRESSURE WASH, MINIMUM 3,000 PSI, EXISTING BUILDING EXTERIOR AWS STRUCTURAL WELDING CODE, D1.1. WALLS, WINDOWS, AND DOORS BEFORE BEGINNING SPECIFIED WORK ALL PLUMBING FIXTURES, COLORS AND FINISHES, SELECTION BY ARCHITECT LEVEL SYMBOL REPAIR INTERIOR AND EXTERIOR WALL SURFACES WITH CEMENT PLASTER STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING GRADES: PRIOR TO APPLYING PAINT FINISH. REPAIR WORK INCLUDES, BUT IS NOT LIMITED W SHAPES: ASTM A992 (FY = 50 KSI, FU = 65 KSI) TO CUT AND PATCHING, REMOVAL OF NAILS AND SCREWS FROM WALLS, REPAIR STEEL ANGLE, CHANNELS, PLATES: ASTM A36 OF MAJOR IMPERFECTIONS ON WALLS AND FINISHES IN GENERAL. **HVAC GENERAL NOTES:** BOLTS, NUTS AND WASHERS: HIGH-STRENGTH BOLTS, INCLUDING NUTS AND WASHERS: ASTM A325 FULL TEAR-OFF OF ROOF WATERPROOFING SYSTEM INCLUDING MEMBRANE STEEL PLATES FOR LANDINGS AND THREADS: 1/4" ANTI-SLIP DIAMOND TYPE STEEL PLATE A36 ROOM IDENTIFICATION INSULATION AND FLASHINGS WHERE SYSTEM REPLACEMENT IS SPECIFIED. A A 100 ROOF MOISTURE SURVEY MAY BE REQUIRED PRIOR TO INSTALLATION OF NEW SUPPLY AND INSTALL ALL ELECTRICAL CONTROLS, SAFETY SWITCHES AND ACCESSORIES NOT INDICATED IN ROOM NUMBER WELDING ELECTRODE FOR STEEL SHALL BE E70XX. THE ELECTRICAL DRAWING AND NECESSARY FOR THE PROPER OPERATION OF THE EQUIPMENT IN CLEAN, REPAIR AND VERIFY STRUCTURAL INTEGRITY OF ROOF DECK ACCORDANCE WITH THE MECHANICAL EQUIPMENT RECOMMENDATIONS AND THE NATIONAL ELECTRIC CODE. REVISION SYMBO PRIOR THE INSTALLATION OF THE WATERPROOFING SYSTEM. COMPLY WITH THE MANUFACTURER RECOMMENDATIONS FOR THE INSTALLATION OF ROOF PERFORM ALL WIRING AND CONNECTION (POWER AND CONTROL) NOT INDICATED IN THE ELECTRICAL MEMBRANE TO VALIDATE THE WARRANTY. DRAWINGS AND NECESSARY FOR THE PROPER OPERATION OF THE PROVIDE DESIGN, FABRICATION, AND ERECTION OF METAL DECK CONFORMING TO THE STEEL DECK INSTITUTE'S "CODE OF COORDINATE WITH THE OWNER REPRESENTATIVE/CONSTRUCTION MANAGER MECHANICAL EQUIPMENT IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE RECOMMENDED STANDARD PRACTICE AND BASIC DESIGN SPECIFICATIONS". FOR INFORMATION REGARDING ROOFING MEMBRANE WARRANTIES PRIOR TO FORM ROOF DECK FROM STEEL SHEETS CONFORMING TO ASTM A 611 GRADE C AND D OR A 653 OR HIGHER SPECIFICATIONS THE INSTALLATION OF ANY ANCHORING DEVICES, INCLUDING BUT NOT LIMITED TAKE EVERY PRECAUTION IN ORDER TO MINIMIZE OR ELIMINATE THE TRANSMISSION OF NOISE OR VIBRATION WITH A MINIMUM YIELD STRENGTH OF 33 KSI TO THE EXHAUST FAN ANCHORING SYSTEM, TO AVOID INVALIDATING THE FROM THE EQUIPMENT, PIPING SYSTEM OR DUCT SYSTEM TO THE CONDITIONING SPACE. ATTACH SHEETS TO STEEL SUPPORT MEMBERS AS INDICATED AND IN ACCORDANCE WITH THE MANUFACTURER'S WARRANTY, THE CONTRACTOR MUST VERIFY AND ENSURE THE INTEGRITY OF INSTRUCTIONS FOR INSTALLATION. WHEN DECK IS SCHEDULED TO BEEXPOSED, DE-SLAG, CLEAN AND TOUCH UP WELDS THE WATERPROOFING SYSTEM DURING THE INSTALLATION OF EXHAUST FAN EQUIPMENT, MATERIALS AND ACCESSORIES SHALL BE SIMILAR TO THE INDICATED SPECIFICATION AND/OR WITH A ZINC-RICH PRIMER. ANCHORS, PROPERLY SEAL ANY PENETRATIONS, AND ACCEPT MANUFACTURER MODEL OR CATALOG NUMBER. LAP ROOF AND FLOOR DECK ENDS MINIMUM OF 2 INCHES. WHEN FASTENING DECK TO SUPPORT MEMBERS PROVIDE RESPONSIBILITY FOR MAINTAINING THE MEMBRANE'S WARRANTY. WELDING MATERIALS INSTALLATION PROCEDURES TO PREVENT BURNING OF HOLES IN DECK. UNLESS OTHERWISE NOTED IN DRAWINGS AND/OR SPECIFICATIONS ALL EQUIPMENT AND ACCESSORIES SHALL 5 AT ENDS OF DECKS OR WHERE CHANGES OF DECK DIRECTION OCCUR, FASTEN TO SUPPORTS AT EACH FLUTE. PROVIDE BE FURNISHED AND INSTALLED BY THE CONTRACTOR. 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 **ELECTRICAL GENERAL NOTES** WELDS IN EACH FLUTE TO STRUCTURAL MEMBERS. INSTALL DECK IN THREE CONTINUOUS SPAN LENGTHS. **CIVIL SITE GENERAL NOTES** AT PERIMETER OF DECK, SECURE DECK TO STRUCTURAL MEMBERS WITH SAME ATTACHMENTAND SPACING SUPPORT NO WIRE SHALL BE SMALLER THAN # 12 AWG THHN, 600 VOLTS. ATTACHMENT AS INDICATED ON PLANS. NO CONDUIT SHALL BE SMALLER THAN 3/4". ALL DISTANCES AND ELEVATIONS ARE EXPRESSED IN METERS UNLESS OTHERWISE SPECIFIED. HOT DIP GALVANIZE (G90) AFTER FABRICATION ALL METAL DECK AND TOUCH UP CONNECTIONS WITH A ZINC-RICH PRIMER. ALL CONDUIT SHALL BE RIGID GALVANIZED EXCEPT OTHERWISE INDICATED. ELEVATIONS ARE REFERRED TO MEAN SEA LEVEL. ALL WIRE SHALL BE COPPER, INSULATED AS NOTED. COORDINATES ARE BASED ON THE LAMBERT PROJECTION FOR PUERTO RICO AND THE US VIRGIN ISLAND LEAVE A #12 AWG GALVANIZED FISH WIRE IN ALL EMPTY CONDUITS. AND REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83 NA2011) EPOCH 2010.00 ADJUSTED IN **NOTES (IF APPLICABLE):** THE ASBESTOS ABATEMENT SHALL INCLUDE, BUT NOT BE LIMITED TO THE ALL UNDERGROUND CONDUITS SHALL BE PROTECTED WITH 4" CONCRETE FOLLOWING (IF APPLICABLE. REFER TO GENERAL NOTES #15.): COORDINATE WITH THE CONSTRUCTION MANAGER BEFORE CUTTING OR TRIMMING EXISTING TREES AFFECTED **FNVFLOPE** TREE REMOVAL: EXPANSION FITTINGS SHALL BE USED FOR EVERY CONDUIT CROSSING BUILDING BY THE CONSTRUCTION. NOTIFICATION TO REGULATORY AGENCIES PREPARE AND SUBMIT FOR EACH PROJECT AREA, THE CONTROL OF EROSION AND SEDIMENTATION (CES) PLAN EXPANSION JOINTS. REMOVE ALL TREES INDICATED BY DRAWINGS AND SPECIFICATIONS, AS REQUIRED, IN A MANNER THAT WILL NOT DAMAGE REGULATORY PERMITS, LICENSES AND APPROVALS ALL LOADS SHALL BE BALANCED. FOR APPROVAL BY THE PERTINENT AGENCY AND THE CONSTRUCTION MANAGER. ADJACENT TREES OR STRUCTURES. OR COMPACT THE SOIL. WORKER HEALTH AND SAFETY PROGRAM PROVIDE A #12 GREEN THW BONDING JUMPER BETWEEN EACH OUTLET BOX PROVIDE AND MAINTAIN A DEWATERING SYSTEM TO KEEP SUBGRADES DRY ANDCONVEY GROUND WATER REMOVE. IN SECTIONS, TREES THAT ARE ADJACENT TO REMAINING TREES OR STRUCTURES . TO LIMIT DAMAGE TO AIR MONITORING AND RECEPTACLE GROUNDING TERMINAL, USE 3/8" LONG 10-32 GROUNDING AWAY FROM EXCAVATIONS. THE DEWATERING PLAN SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER ADJACENT CROWNS, TRUNKS, GROUND PLANE ELEMENTS AND STRUCTURES. CONSTRUCTION OF TEMPORARY CONTAINMENT FOR APPROVAL AND COORDINATION. DO NOT CUT TREES UNLESS THE TREE WILL FALL OUTSIDE THE TREE AND PLANT PROTECTION AREA. NO TREE TO BE BARRIER/DECONTAMINATION ENCLOSURES ALL INSTALLATIONS SHALL BE EXPOSED UNLESS OTHERWISE INDICATED. DEWATERING PLANS SHALL INCLUDE CONTROL OF EROSION AND SEDIMENTATION FOR EACH PROJECT PREPARATION FOR ABATEMENT OPERATIONS REMOVED WITHIN 50 FEET OF THE TREE AND PLANT PROTECTION AREA SHALL BE PUSHED OVER OR UP-ROOTED USING EXPOSED CONDUITS SHALL BE SUPPORTED BY MEANS OF ONE BOLT CLAMP PHASE AND/OR WORK AREA. THE WATER FROM THE DEWATERING SYSTEM SHALL BE FREE OF SEDIMENT GRADING EQUIPMENT. REMOVAL OF EXISTING ASBESTOS-CONTAINING MATERIAL SPACED NOT FURTHER THAN 7'-6" APART. AND/OR DEBRIS BEFORE ANY DISPOSAL PROTECT FROM DAMAGE ADJACENT PAVING, SOIL, TREES, SHRUBS, GROUND COVER PLANTINGS AND UNDERSTORY PLANTS TRANSPORT AND DISPOSAL OF ASBESTOS-CONTAINING MATERIAL AN EXPOSED WORK CONDULET SHALL BE USED FOR ALL 90 BENDS. MAINTAIN THE DEWATERING SYSTEM UNTIL DEWATERING IS NO LONGER REQUIRED. TO REMAIN, DURING ALL TREE REMOVAL, AND CONSTRUCTION OPERATIONS. PROTECTION SHALL INCLUDE ROOT SYSTEM, DECONTAMINATION AND CLEANING ALL NON-GALVANIZED METAL PARTS SHALL BE GIVEN ONE COAT OF RED OXIDE 9. ELECTRICAL, COMMUNICATION, SANITARY AND POTABLE WATER SERVICE SHALL NOT BE INTERRUPTED TRUNK, LIMBS, AND CROWN FROM BREAKAGE OR SCARRING, AND SOIL FROM COMPACTION. APPLICATION OF LOCKDOWN ENCAPSULANTS AND TWO COATS OF METALLIC GRAY PRIOR TO INSTALLATION. DURING CONSTRUCTION. IF NECESSARY, A PROVISIONAL TEMPORARY SERVICE AND/OR BY-PASS SHALL BE REMOVE STUMPS AND IMMEDIATE ROOT PLATE FROM EXISTING TREES TO BE REMOVED. GRIND TRUNK BASES AND LARGE REMOVAL OF TEMPORARY CONTAINMENT BARRIER/DECONTAMINATION ALL GALVANIZED RIGID CONDUITS FOR TOGGLE SWITCHES AND RECEPTACLES INSTALLED TO MAINTAIN SERVICE. PROVISIONAL TEMPORARY SERVICE AND/OR BY-PASS SHALL BE SUBMITTED BUTTRESS ROOTS EITHER TO THE DEPTH OF THE LARGEST BUTTRESS ROOT OR AT LEAST 18 INCHES BELOW THE TOP MOST **ENCLOSURES** LOCATED AT DOORWAYS AND LEAN - TO SHALL BE CONCEALED WITHIN ROOF TO THE CONSTRUCTION MANAGER FOR APPROVAL AND COORDINATION PRIOR TO CONSTRUCTION. ROOT, CHOOSE WHICH EVER IS LESS. GRIND OVER THE AREA OF THREE TIMES THE DIAMETER OF THE TRUNK (DBH). FINAL JOB CLOSE-OUT SLAB, WALLS AND OVERHANGS. PREPARE AND SUBMIT THE MAINTENANCE OF SERVICE PLAN FOR ELECTRICAL, SANITARY AND POTABLE WATER FOR TREES WHERE THE STUMP WILL FALL UNDER NEW PAVED AREAS, GRIND ROOTS TO A TOTAL DEPTH OF 18 INCHES PROVIDE ELECTRICAL SERVICE TO TEST ALL ELECTRICAL SYSTEM IN PRESENCE FOR APPROVAL OF THE CONSTRUCTION MANAGER. BELOW THE EXISTING GRADE. IF THE SIDES OF THE STUMP HOLE STILL HAVE GREATER THAN APPROXIMATELY 20% WOOD ABATEMENT OF LEAD-BASED PAINT AND LEAD-BASED PAINT HAZARDS GENERAL OF THE REPRESENTATIVE FROM THE MECHANICAL AND ELECTRICAL NOTIFY THE CONSTRUCTION MANAGER IF ANY ELEMENT SUSPECTED OF CONTAINING HAZARDOUS MATERIAL IS VISIBLE, CONTINUE GRINDING OPERATION DEEPER AND/OR WIDER UNTIL THE RESULTING HOLE HAS LESS THAN 20% WOOD. ITEMS INCLUDE, BUT NOT LIMITED TO (IF APPLICABLE. REFER TO GENERAL DEPARTMENT. ENCOUNTERED, PRIOR TO ANY RELATED WORK ACTIVITY. REMOVE ALL WOOD CHIPS PRODUCED BY THE GRINDING OPERATION AND BACK FILL IN 8 INCH LAYERS WITH CONTROLLED ALL LIGHTING CIRCUITS SHALL HAVE ONE (1) PORCELAIN LIGHT SOCKET WITH A 12. VISIT THE PROJECT AREA TO VERIFY THE SPACE LIMITATIONS FOR CONSTRUCTION PROCESS AND EQUIPMENT. FILL OF A QUALITY ACCEPTABLE TO THE SITE ENGINEER FOR FILL MATERIAL UNDER STRUCTURES. COMPACTED TO 95% OF LED TYPE BULB, EQUIVALENT TO 100W INCANDESCENT LUMENS. THE CONTRACT PRICE SHALL CONSIDER THE REQUIRED CONSTRUCTION PROCESS AND/OR EQUIPMENTS. THE MAXIMUM DRY DENSITY STANDARD PROCTOR. THE OWNER'S REPRESENTATIVE SHALL APPROVE EACH HOLE AT THE NOTIFICATION TO REGULATORY AGENCIES SWITCHES AND RECEPTACLES SHALL BE INSTALLED 4'-0" A.F.F. PRIOR TO COMMENCEMENT OF THE WORK, ALL DIMENSIONS AND EXISTING CONDITIONS AT PROJECT SITE END OF THE GRINDING OPERATION. REGULATORY PERMITS, LICENSES, AND APPROVALS THE NEUTRAL WIRES SHALL BE IDENTIFIED THROUGHT THE INSTALLATION BY SHALL BE VERIFIED AND ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONTRACT DOCUMENTS IN AREAS WHERE THE TREE LOCATION IS TO BE A PLANTING BED OR LAWN, REMOVE ALL WOODCHIPS AND BACKFILL STUMP WORKER HEALTH AND SAFETY PROGRAM THE USE OF WHITE COLOR COVERED LIVE WIRES WITHIN THE SAME CONDUIT THAT COULD AFFECT CONSTRUCTION WORK SCHEDULE AND /OR PERFORMANCE SHALL BE NOTIFIED TO HOLES WITH PLANTING SOIL AS DEFINED IN SPECIFICATION SECTION PLANTING SOIL, IN MAXIMUM OF 12 INCH LAYERS AND ESTABLISHING ENGINEERING CONTROLS TO PREVENT MIGRATION OF LEAD SHALL BE COLOR CODED AS PER N.E.C. CONSTRUCTION MANAGER COMPACT TO 80 - 85% OF THE MAXIMUM DRY DENSITY STANDARD PROCTOR. IN AIR FROM THE WORK AREA; INCLUDES CONSTRUCTION OF CONTAINMENT RECEPTACLES AND LIGHTING CIRCUITS SHALL BE #12 THHN WIRE AND SHALL BE 14. ALL DETAILS, SECTIONS AND NOTES SHOWN ON DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO AND DECONTAMINATION UNIT CONNECTED TO 20 AMP BREAKERS AT THE PANELBOARD. SIMILAR SITUATIONS ELSEWHERE UNLESS OTHERWISE NOTED. PRUNING: PREPARATION FOR ABATEMENT OPERATIONS ALL OVERHANGS AND LEAN - TO'S SHALL BE PROVIDED WITH LIGHT SOCKETS. REPAIR OR REPLACE EXISTING FACILITIES DAMAGED DURING CONSTRUCTION PRIOR TO SUBSTANTIAL PERSONAL AIR MONITORING AS REQUIRED BY REGULATORY AGENCIES FOR VERIFY LENGTH OF FEEDERS IN THE FIELD BEFORE SUBMITTING BIDS. COMPLETION WITHIN SIX MONTHS OF THE ESTIMATED DATE OF SUBSTANTIAL COMPLETION, PRUNE ALL DEAD OR HAZARDOUS BRANCHES THE SAFETY OF ITS EMPLOYEES ALL SWITCHES AND RECEPTACLES THAT ARE CONCEALED IN WALLS AND MAINTAIN IN OPERATION EXISTING FACILITIES UNTIL NEW FACILITIES ARE IN OPERATION. LARGER THAN 2 INCH IN DIAMETER FROM ALL TREES TO REMAIN. ABATEMENT OF EXISTING LEAD-BASED PAINT OWNER BUILDING OVERHANGS SHALL BE PROVIDED WITH STAINLESS STEEL COVERS. IMPLEMENT ALL PRUNING RECOMMENDATIONS FOUND IN THE ARBORIST REPORT. TRANSPORT AND DISPOSAL OF LEAD-CONTAINING OR LEAD-CONTAMINATED CONTACT THE DISTRICT ENGINEER OF LUMA PRIOR TO THE BEGINNING OF THE PRUNE ANY LOW, HANGING BRANCHES AND VINES FROM EXISTING TREES AND SHRUBS THAT OVERHANG WALKS, STREETS MATERIAL WORK AND COORDINATE WITH THEM FOR THE EXECUTION OF THE WORK AND DRIVES, OR PARKING AREAS AS FOLLOWS: PERFORMANCE OF INCIDENTAL MECHANICAL AND ELECTRICAL WORK CONCERNING THE SERVICE ENTRANCE AND SUBSTATION IF REQUIRED. IN NECESSARY FOR CONDUCTING THE ADDITION, A CERTIFICATE OF INSPECTION SHALL BE OBTAINED AT THE 1. WALKS - WITHIN 8 FEET VERTICALLY OF THE PROPOSED WALK ELEVATION. **DECONTAMINATION AND CLEANING** COMPLETION OF THE WORK AND FORWARDED TO THE PUERTO RICO REMOVAL OF ENGINEERING CONTROLS, INCLUDING TEARDOWN OF INDUSTRIAL DEVELOPMENT COMPANY. 2. PARKING AREAS - WITHIN 12 FEET VERTICALLY OF THE PROPOSED PARKING SURFACE ELEVATION. CONTAINMENT AND DECONTAMINATION UNIT ALL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE LATEST RULES AND FINAL JOB CLOSE-OUT REGULATIONS OF THE N.E.C. AND LUMA. 3. STREETS AND DRIVES - WITHIN 14 FEET VERTICALLY OF THE PROPOSED DRIVING SURFACE ELEVATION. ALL BOXES FOR RECEPTACLES & LIGHTING SWITCHES FOR EXPOSED INSTALLATION SHALL BE "FS" TYPE. ALL PRUNING SHALL BE DONE IN ACCORDANCE WITH ANSI A300 (PART 1). ISA BMP TREE PRUNING (LATEST EDITION, AND THE A LIST OF MATERIALS AND EQUIPMENT GIVING MANUFACTURER CATALOG "STRUCTURAL PRUNING: A GUIDE FOR THE GREEN INDUSTRY", EDWARD GILMAN, BRIAN KEMPF, NELDA MATHENY AND JIM NUMBERS AND COMPLETE SPECIFICATIONS AND DRAWINGS FOR APPROVAL OF CLARK, 2013 URBAN TREE FOUNDATION, VISALIA CA. P.R.I.D.C.O. SHALL BE SUBMITTED PRIOR TO THE PURCHASING OF SAID PERFORM OTHER PRUNING TASK AS INDICATED ON THE DRAWINGS OR REQUESTED BY THE OWNER'S REPRESENTATIVE. MATERIALS AND/OR EQUIPMENT.

WHERE TREE SPECIFIC DISEASE VECTORS REQUIRE, STERILIZE ALL PRUNING TOOLS BETWEEN THE WORK IN INDIVIDUAL

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.

PUERTO RICO INDUSTRIAL DEVELOMENT COMPANY PRIDCO

ISSUE FOR BID

NOVEMBER 30, 2023

)		RE	V	DAT	ΓE	DESCRIPTION
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	C	פוח	CIP	LINE	INFO	DRMATION:
				FESION		DINIMATION.

PROFESSIONAL OF RECORD

PRINCIPAL CAD TECHNICIAN

YO, ANNETTE ALFONSO

CERTIFICO QUE SOY EL PROFESIONAL QUE ICONFECCIONÓ, DISEÑÓ O PREPARÓI ESTOS PLANOS LAS ESPECIFICACIONES COMPLEMENTARIA TAMBIÉN. CERTIFICO QUE ENTIENDO QUE DICHOS 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 JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LAPREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004. SEGÚN ENMENDADA. CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA ILEY NÚM. 319 DE 15 DE MAYO DE 1938. SEGÚN ENMENDADA: R LEY NÚM. 96 DE 6 DE JULIO DE 1978. SEGÚN ENMENDADA; SEGÚN APLIQUE]. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN

PROFESSIONAL'S STATEMENT:

DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PRIDCO DAMAGE IMPROVEMENTS **NORTH REGION STAGE 1**

BID PACKAGE N1-2 **PW: 8004 / COROZAL**

TE ISSUE DESCRIPTION

SHEET TITLE:

GENERAL NOTES, ABBREVIATIONS AND LEGEND

SCALE:

DELIVERY DATE: PROJECT NUMBER: 21-0258-02 PRINT DATE & TIME BIM FILE NAME: 7/5/2024 5:11:22 PM

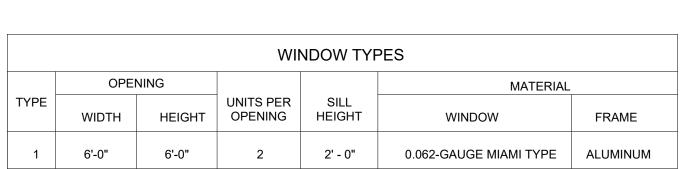
1GI002

DRAWING / MODEL LOCATION



	DOOR TYPES										
	ОР	ENING	DOO	R SIZE		GAUGE				MATERIAL	
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT	THICKNESS	DOOR	FRAME	LOUVERS	FIRE RATING	DOOR	FRAME
WF	3' - 0"	7' - 0"	2' - 6"	6' - 8"	1 3/4"	-	14	-	1HR	WOOD	HOLLOW METAL

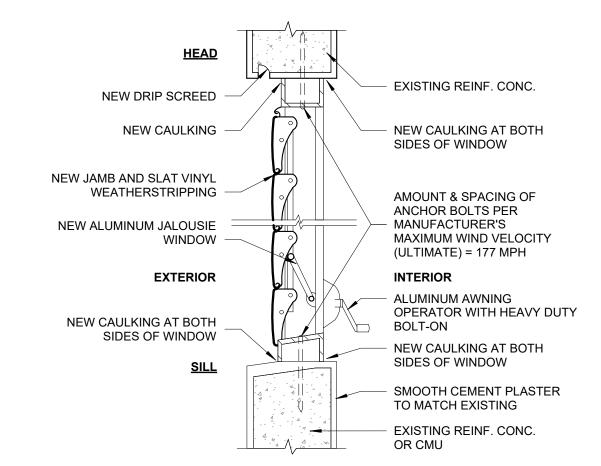
DOOR TYPES											
	OP	ENING	DOO	R SIZE		GAUGE				MATERIAL	
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT	THICKNESS	DOOR	FRAME	LOUVERS	FIRE RATING	DOOR	FRAME
WF	3' - 0"	7' - 0"	2' - 6"	6' - 8"	1 3/4"	-	14	-	1HR	WOOD	HOLLOW METAL



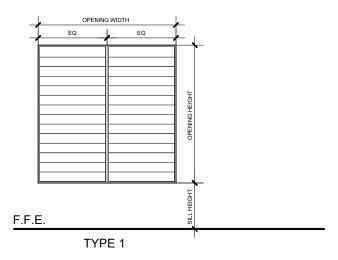
NOTES:

FAN SHALL BE PROVIDED WITH

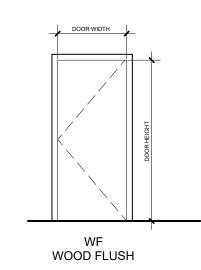
1. VERIFY DIMENSIONS AT FIELD PRIOR TO FABRICATING AND INSTALLING DOORS AND WINDOWS.

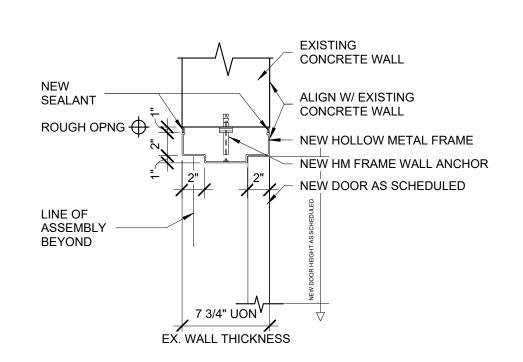


WINDOW SILL & HEAD DETAIL

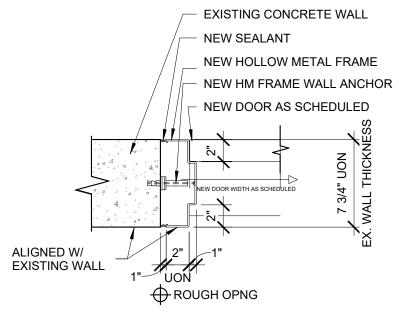


TYPICAL WINDOWS





NEW DOOR HEAD DETAIL



NEW DOOR JAMB DETAIL



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ISSUE FOR BID

NOVEM	IBER 30, 2023
DATE	DESCRIPTION

	REV	DATE	DESCRIPTION
С			
		PLINE INFO	DRMATION:

PROFESSIONAL OF RECORD

Q.C. AUDITOR: PRINCIPAL CAD TECHNICIAN:

PROFESSIONAL'S STATEMENT: YO, ANNETTE ALFONSO

NUM. LIC. 12304 CERTIFICO QUE SOY EL PROFESIONAL QUE [CONFECCIONÓ, DISEÑÓ O PREPARÓ] ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIA TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS 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 JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN CON JURISDICCION. CERTIFICO, ADEMAS, QUE EN LAPREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; R LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUEI. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA

POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

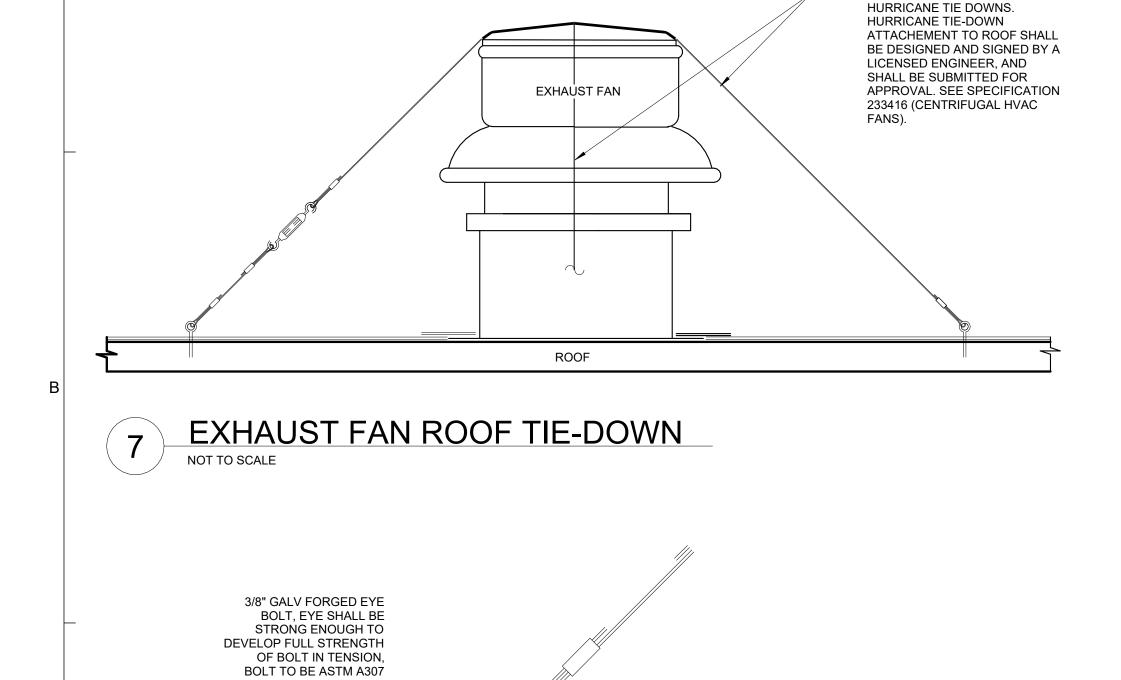
PRIDCO DAMAGE IMPROVEMENTS NORTH REGION STAGE 1 BID PACKAGE N1-2 PW: 8004 / COROZAL

DATE ISSUE DESCRIPTION

DETAILS AND SPECIFICATIONS

DELIVERY DATE: PROJECT NUMBER: 21-0258-02 PRINT DATE & TIME: BIM FILE NAME: 7/5/2024 5:11:24 PM DRAWING / MODEL LOCATION:

1DT501



ANCHOR IN TO CONCRETE WITH HLTI HDI-P TZ DROP-IN ANCHOR OR SIMILAR

QUANTITY OF ANCHORS SHAL BE DESIGN

ANCHOR

BASED ON CALCULATED TIE TENSION

EXHAUST FAN ROOF TIE-DOWN

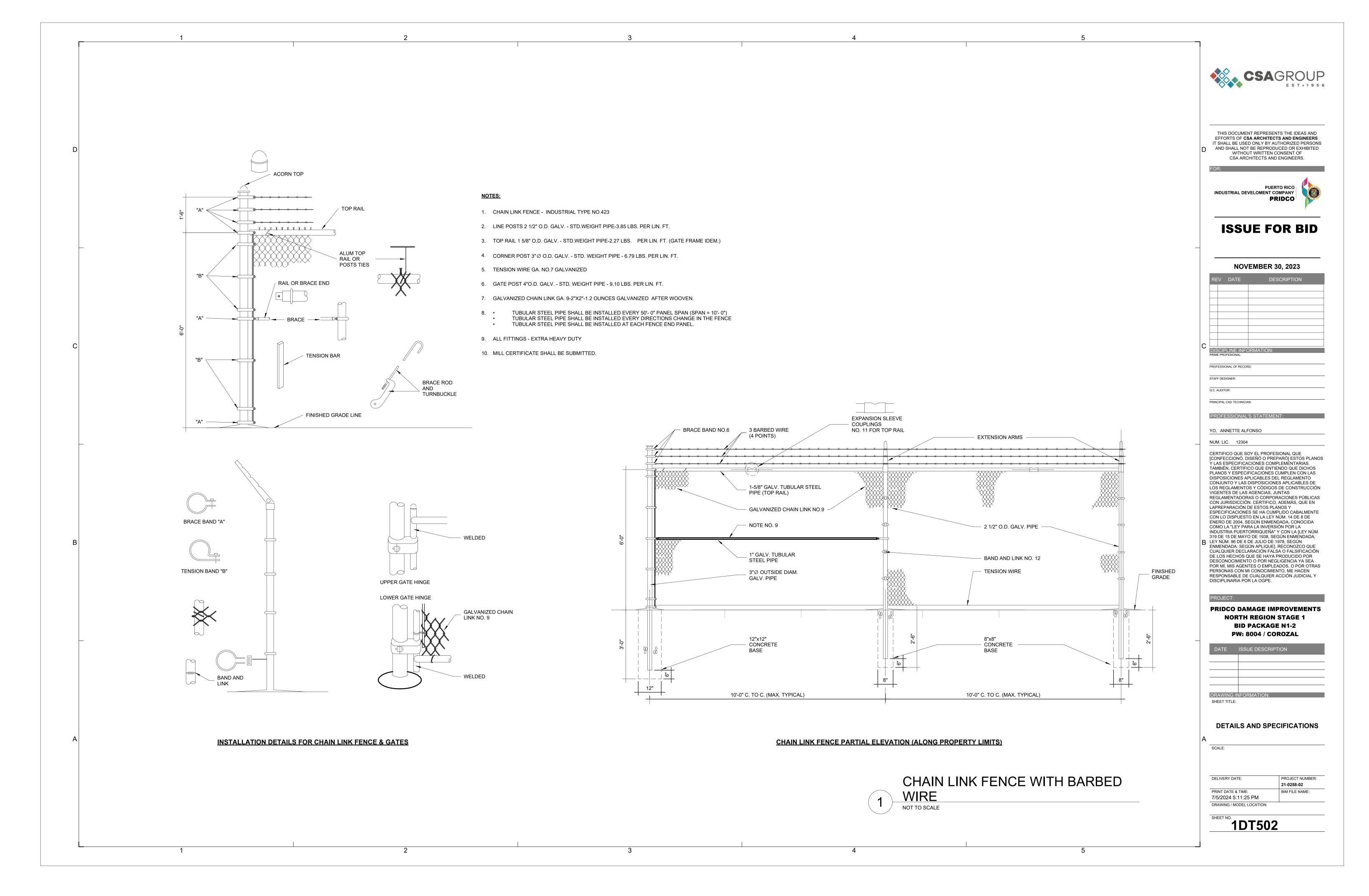
INSTALL NON-INVASIVE PITCH

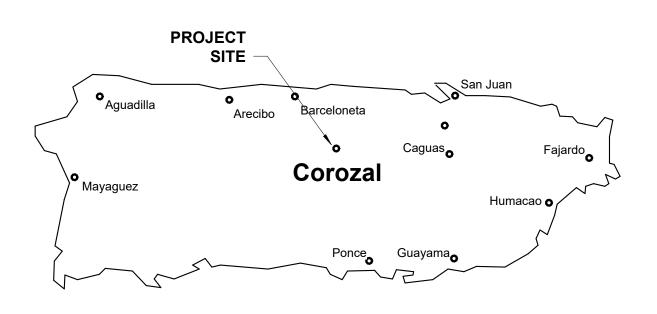
ROOF SEALING

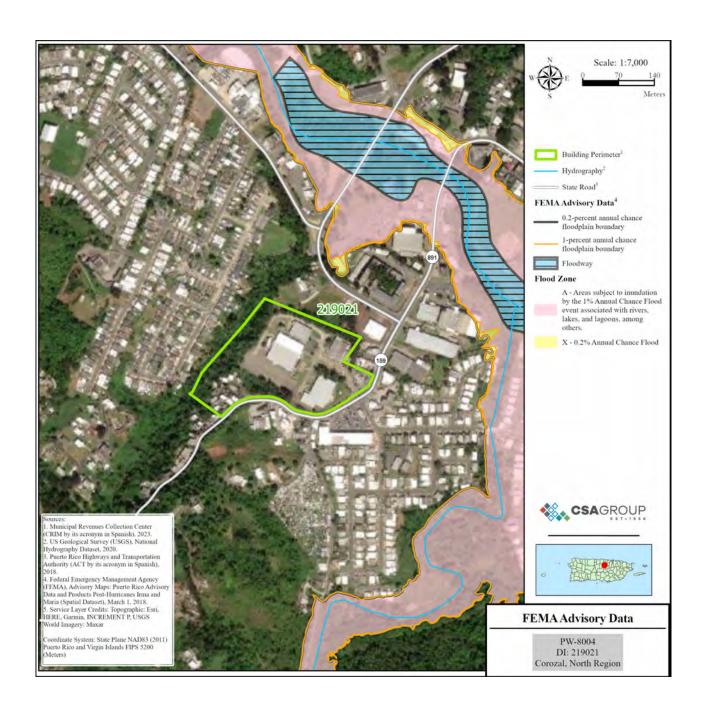
PENETRATION

CONCRETE

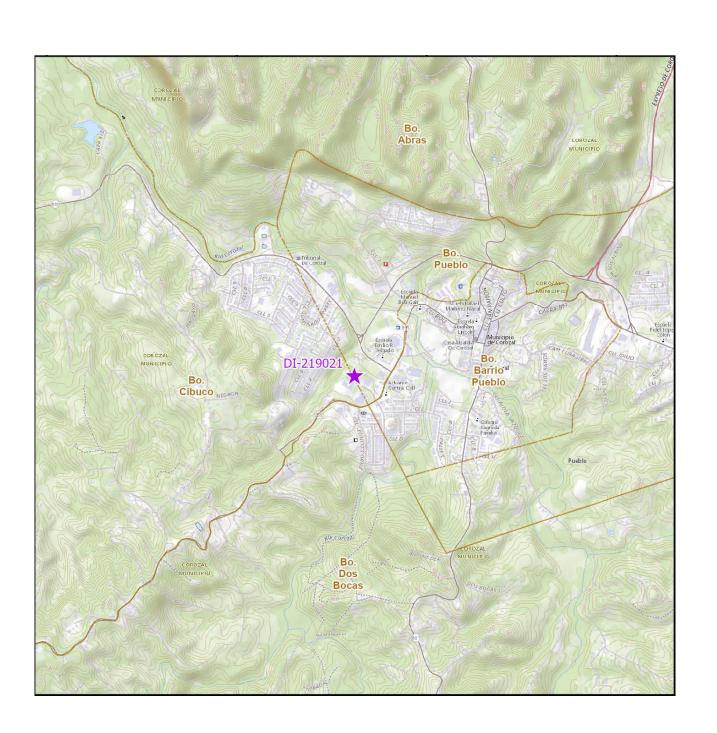
TO COVER AND











AERIAL PHOTO 18.33940, -66.32338 LOCATION MAP SCALE 1: 20,000

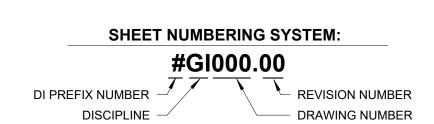
INDEX OF DRAWINGS - PW 8004, DI 219021 Sheet Number 00-GENERAL 00-GENERAL COVER SHEET - DI 219021 GENERAL NOTES, ABBREVIATIONS AND LEGEND 00-GENERAL 2GI002 03-ARCHITECTURAL 03-ARCHITECTURAL 2AE101 SITE PLAN BUILDING T090306800 DI 219021 05-DETAILS DETAILS AND SPECIFICATIONS 05-DETAILS 2DT502 DETAILS AND SPECIFICATIONS

PRIDCO-FEMA 4339 DR PROGRAM NORTH REGION STAGE 1 BID PACKAGE N1-2

2 PW: 8004 | DI: 219021 | Bldg: T090306800

Cibuco Ward Corozal, Puerto Rico

NOVEMBER 30, 2023







COVER SHEET	Γ - DI 219021
SCALE:	
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DELIVERY DATE:	PROJECT NUMBER 21-0258-02
	BIM FILE NAME:
PRINT DATE & TIME: 7/5/2024 5:11:26 PM	

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. ICC SUITE CODES 2018. REGLAMENTO CONJUNTO DE EMERGENCIA JUNE 16, 2023 AND WITH OTHER CODES, STANDARDS, AND REGULATIONS CALLED FOR IN SAID CODES PERFORM WORK IN ACCORDANCE WITH ACCESSIBILITY COMPLIANCE AS PER 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 5. CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE NOISE, DUST, OR DISTURBANCE TO OCCUPANTS. IMPLEMENT SAFETY CONTROLS DURING DEMOLITION/CONSTRUCTION WORK, AS 6. 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 PROCEDING 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 THF 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 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 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 DRNA 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 18. PROVIDE DOCUMENTATION ON PROCEDURES AND EXECUTION. 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

ALL INSTALLATIONS SHALL BE EXPOSED UNLESS OTHERWISE INDICATED. EXPOSED CONDUITS SHALL BE SUPPORTED BY MEANS OF ONE BOLT CLAMP SPACED NOT FURTHER THAN 7'-6" APART

AN EXPOSED WORK CONDULET SHALL BE USED FOR ALL 90 BENDS. ALL NON-GALVANIZED METAL PARTS SHALL BE GIVEN ONE COAT OF RED OXIDE 9.

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 12.

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 THROUGHT THE INSTALLATION BY

THE USE OF WHITE COLOR COVERED LIVE WIRES WITHIN THE SAME CONDUIT SHALL BE COLOR CODED AS PER N.E.C. RECEPTACLES AND LIGHTING CIRCUITS SHALL BE #12 THHN WIRE AND SHALL BE 14. 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 "FS" TYPE.

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 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

THE PLUMBING DRAWING IS GENERALLY DIAGRAMATTIC 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

FOR FIXTURES AND EQUIPMENT NOT LISTED IN SCHEDULE, SEE CONTRACT SPECIFICATIONS

DIAMETER OR LESS AND NOT MORE THAN 100 FEET APART FOR LARGER PIPES.

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

FOR ALL UNDERGROUND SANITARY AND STORM DRAINAGE USE: PVC POLYVINYL 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 DRAWINGS 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 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 ANDCONVEY 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, 15 TH 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 FOR THE REPAIR OF AREAS AFFECTED BY CORROSION, ICRI NO. 03730 GUIDELINE FOR SURFACE PREPARATION FOR THE

REPAIR OF DETERIORATED CONCRETE RESULTING FROM REINFORCING STEEL CORROSION SHOULD BE FOLLOWED. BEFORE COMMENCING ANY CONCRETE REPAIR WORK, THE REPAIR DETAILS 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 COMMOM 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 FARTH: 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.

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.

AWS STRUCTURAL WELDING CODE, D1.1.

PROVIDE DESIGN, FABRICATION, AND ERECTION OF METAL DECK CONFORMING TO THE STEEL DECK INSTITUTE'S "CODE OF RECOMMENDED STANDARD PRACTICE AND BASIC DESIGN SPECIFICATIONS". 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 BEEXPOSED, 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 ATTACHMENTAND 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 PLANE 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 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:

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.

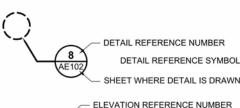
ALL PRUNING SHALL BE DONE IN ACCORDANCE WITH ANSI A300 (PART 1), ISA BMP TREE PRUNING (LATEST EDITION, AND THE "STRUCTURAL PRUNING: A GUIDE FOR THE GREEN INDUSTRY", EDWARD GILMAN, BRIAN KEMPF, NELDA MATHENY AND JIM CLARK, 2013 URBAN TREE FOUNDATION, VISALIA CA.

PERFORM OTHER PRUNING TASK 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

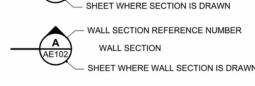
GENERAL DRAWING SYMBOLS: **ABBREVIATIONS:**

NEW CONCRETE BLOCK WALL 6" OR 8" NEW PLYCEM BOARD WALL

----- MATCH LINE HIDDEN OUTLINE (SHOWING CONDITION BELOW, ABOVE OR BEHIND AS INDICATED.



SHEET WHERE ELEVATION IS DRAWN SECTION REFERENCE NUMBER GENERAL BUILDING SECTION



ELEVATION REFERENCE NUMBE

SHEET WHERE INT. ELEV. IS DRAWN

DOOR SYMBOL

WINDOW SYMBOL KEY NOTE EQUIPMENT SYMBO



ROOM IDENTIFICATION ── ROOM NUMBER



THE ASBESTOS ABATEMENT SHALL INCLUDE, BUT NOT BE LIMITED TO THE

FOLLOWING (IF APPLICABLE. REFER TO GENERAL NOTES #15.):

CONSTRUCTION OF TEMPORARY CONTAINMENT

REGULATORY PERMITS, LICENSES AND APPROVALS

REMOVAL OF EXISTING ASBESTOS-CONTAINING MATERIAL

TRANSPORT AND DISPOSAL OF ASBESTOS-CONTAINING MATERIAL

ABATEMENT OF LEAD-BASED PAINT AND LEAD-BASED PAINT HAZARDS GENERAL

ITEMS INCLUDE, BUT NOT LIMITED TO (IF APPLICABLE. REFER TO GENERAL

REMOVAL OF TEMPORARY CONTAINMENT BARRIER/DECONTAMINATION

ESTABLISHING ENGINEERING CONTROLS TO PREVENT MIGRATION OF LEAD

IN AIR FROM THE WORK AREA; INCLUDES CONSTRUCTION OF CONTAINMENT

PERSONAL AIR MONITORING AS REQUIRED BY REGULATORY AGENCIES FOR

TRANSPORT AND DISPOSAL OF LEAD-CONTAINING OR LEAD-CONTAMINATED

ABATEMENT OF EXISTING LEAD-BASED PAINT OWNER BUILDING

PERFORMANCE OF INCIDENTAL MECHANICAL AND ELECTRICAL WORK

REMOVAL OF ENGINEERING CONTROLS, INCLUDING TEARDOWN OF

NOTIFICATION TO REGULATORY AGENCIES

WORKER HEALTH AND SAFETY PROGRAM

BARRIER/DECONTAMINATION ENCLOSURES

DECONTAMINATION AND CLEANING

PREPARATION FOR ABATEMENT OPERATIONS

APPLICATION OF LOCKDOWN ENCAPSULANTS

NOTIFICATION TO REGULATORY AGENCIES

WORKER HEALTH AND SAFETY PROGRAM

PREPARATION FOR ABATEMENT OPERATIONS

CONTAINMENT AND DECONTAMINATION UNIT

AND DECONTAMINATION UNIT

THE SAFETY OF ITS EMPLOYEES

NECESSARY FOR CONDUCTING THE

DECONTAMINATION AND CLEANING

FINAL JOB CLOSE-OUT

REGULATORY PERMITS, LICENSES, AND APPROVALS

AIR MONITORING

ENCLOSURES

MATERIAL

FINAL JOB CLOSE-OUT

ABOVE FINISHED FLOOI

CENTER TO CENTER

CONCRETE MASONRY UNIT

FINISH FLOOR ELEVATIONS

FINISH FLOOR LEVEL

AIR CONDITIONING

ALUMINUM

CORRIDOR

CORROSION

ELEVATION

FLOOR DRAIN

FINISH(ED)

HARDWARE

JANITOR CLOSET

NOT IN CONTRACT

SMOOTH CEMENT PLASTER

UNLESS OTHERWISE NOTE

NATIONAL ELECTRIC CODE

STAINLESS STEEL

STORM SEWER

TOP OF MASONRY

DROP MANHOLE

VERIFY IN FIELD

TOP OF STEEL

TELEPHONE

THICK

TYPICAL

MANHOLE

STRUCTURA

NOT APPLICABLE

ON CENTER

ROOF DRAIN

REQUIRED

INTERIOR

MASONRY

MINIMUM

MOUNTED

MECHANICAL

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ISSUE FOR BID

NOVEMBER 30, 2023

F	REV	DATE	DESCRIPTION
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PROFESSIONAL OF RECORD

PRINCIPAL CAD TECHNICIAN PROFESSIONAL'S STATEMENT:

YO, ANNETTE ALFONSO

NUM. LIC. 12304 CERTIFICO QUE SOY EL PROFESIONAL QUE ICONFECCIONÓ, DISEÑÓ O PREPARÓI ESTOS PLANOS LAS ESPECIFICACIONES COMPLEMENTA TAMBIÉN. CERTIFICO QUE ENTIENDO QUE DICHOS 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 JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LAPREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004. SEGÚN ENMENDADA. CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA ILEY NÚM. 319 DE 15 DE MAYO DE 1938. SEGÚN ENMENDADA: R LEY NÚM. 96 DE 6 DE JULIO DE 1978. SEGÚN

ENMENDADA; SEGÚN APLIQUE]. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PRIDCO DAMAGE IMPROVEMENTS **NORTH REGION STAGE 1** BID PACKAGE N1-2

PW: 8004 / COROZAL

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SCALE:

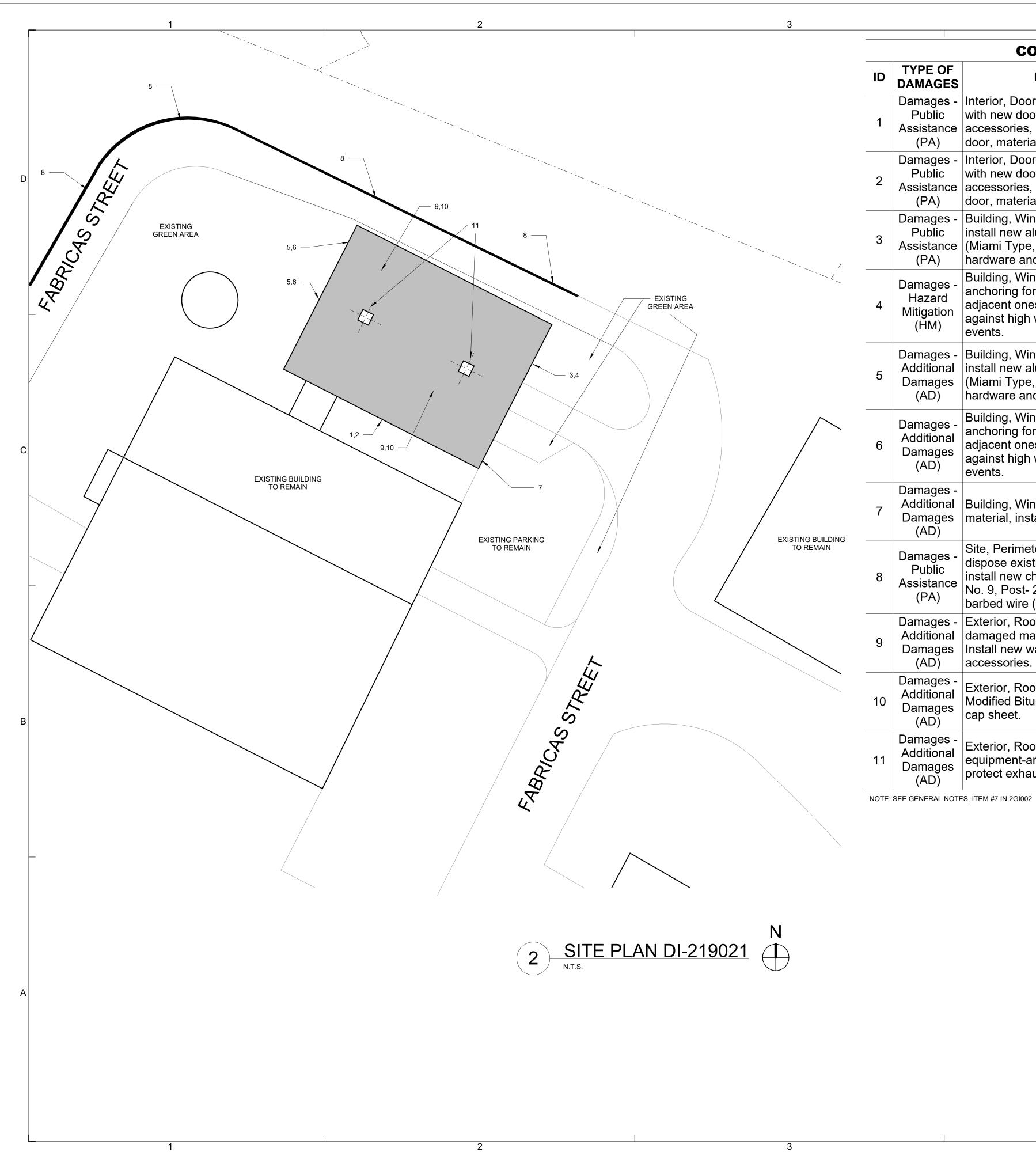
SHEET TITLE:

GENERAL NOTES, ABBREVIATIONS AND LEGEND

DELIVERY DATE: PROJECT NUMBER: 21-0258-02 PRINT DATE & TIME BIM FILE NAME: 7/5/2024 5:11:27 PM

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DRAWING / MODEL LOCATION



		CONSTRUCTION KEY	NOTES SCH	IEDULE (I	DI-21902	21)	
ID	TYPE OF DAMAGES	DESCRIPTION	DIMENSIONS	QUANTITY	DETAIL	TECHNICAL SPECIFICATION	РНОТО
1	Damages - Public Assistance (PA)	Interior, Door: Remove, dispose, replace, with new door, frame, hardware and accessories, equal or similar to existing door, material, fire rating, and finishes.	36IN wide x 80IN high	2 EA	2/2DT501 3/2DT501 4/2DT501	081416, 087111	B B
2	Damages - Public Assistance (PA)	Interior, Door: Remove, dispose, replace, with new door, frame, hardware and accessories, equal or similar to existing door, material, fire rating, and finishes.	30IN wide x 80IN high	2 EA	2/2DT501 3/2DT501 4/2DT501	081416, 087111	0
3	Damages - Public Assistance (PA)	Building, Window: Remove, dispose, and install new aluminum jalousie windows (Miami Type, ga 0.062), heavy duty hardware and accessories.	3FT wide x 6FT high	2 EA	5/2DT501 6/2DT501	085113	
4	Damages - Hazard Mitigation (HM)	Building, Window: Include extra anchoring for damaged windows and adjacent ones to improve performance against high winds in similar future events.	-	2 EA	5/2DT501	085113	
5	Damages - Additional Damages (AD)	Building, Window: Remove, dispose, and install new aluminum jalousie windows (Miami Type, ga 0.062), heavy duty hardware and accessories.	3FT wide x 6FT high	4 EA	5/2DT501 6/2DT501	085113	
6	Damages - Additional Damages (AD)	Building, Window: Include extra anchoring for damaged windows and adjacent ones to improve performance against high winds in similar future events.	-	4 EA	5/2DT501	085113	
7	Damages - Additional Damages (AD)	Building, Window: Remove damaged material, install new heavy duty operator.	-	98 EA	5/2DT501	085113	and the second
8	Damages - Public Assistance (PA)	Site, Perimeter Fence: Remove and dispose existing damaged material, install new chain link fence (Galv. Ga. No. 9, Post- 2 1/2" diam. galv., 3-strands barbed wire (4-point))	450LF long x 6FT high	450 LF	1/2DT502	323113	
9	Damages - Additional Damages (AD)	Exterior, Roof: Remove, dispose damaged material. Prepare surface. Install new waterproofing membrane and accessories.	L=120 ft x W=90 ft	10,800 SF	1/2DT501	070150.19, 075552.16	
10	Damages - Additional Damages (AD)	Exterior, Roof: Add & Install SBS Modified Bituminous Membrane, extra cap sheet.	L=120 ft x W=90 ft	10,800 SF	1/2DT501	075552.16	
11	Damages - Additional Damages (AD)	Exterior, Roof: Install equipment-anchoring assembly to protect exhaust fans.	-	2 EA	7/2DT501 8/2DT501	233416	

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1 / DT501

SHEET WHERE DETAIL RESIDES

AERIAL DI21902



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NOVEMBER 30, 2023

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	C	פוח		I INE INE	DEMATION:

PROFESSIONAL OF RECORD:

STAFF DESIGNER:

Q.C. AUDITOR:

PROFESSIONAL'S STATEMENT:

YO, ANNETTE ALFONSO

NUM. LIC. 12304

CERTIFICO QUE SOY EL PROFESIONAL QUE
[CONFECCIONÓ, DISEÑÓ O PREPARÓ] ESTOS PLANOS
Y LAS ESPECIFICACIONES COMPLEMENTARIAS.
TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS
PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS
DISPOSICIONES APLICABLES DEL REGLAMENTO
CONJUNTO Y LAS DISPOSICIONES APLICABLES DE
LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN

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 JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN
LAPREPARACIÓN DE ESTOS PLANOS Y
ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE
CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE
ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA
COMO LA "LEY PARA LA INVERSIÓN POR LA
INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM.
319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA;
B LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN
ENMENDADA; SEGÚN APLIQUE]. RECONOZCO QUE
CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN
DE LOS HECHOS QUE SE HAYA PRODUCIDO POR

B LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE]. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PRIDCO DAMAGE IMPROVEMENTS
NORTH REGION STAGE 1
BID PACKAGE N1-2

PW: 8004 / COROZAL

ATE ISSUE DESCRIPTION

DRAWING INFORMATION:
SHEET TITLE:

SITE PLAN BUILDING T090306800 DI 219021

AS SHOWN

DELIVERY DATE:

PROJECT NUMBER:
21-0258-02

PRINT DATE & TIME:
7/5/2024 5:11:28 PM

DRAWING / MODEL LOCATION:

2AE101

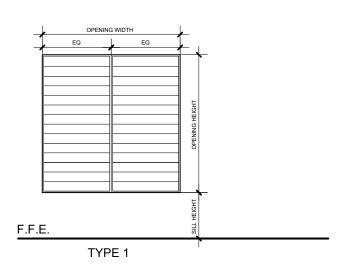
WINDOW TYPES OPENING MATERIAL UNITS PER WIDTH HEIGHT OPENING HEIGHT FRAME WINDOW 0.062-GAUGE MIAMI TYPE ALUMINUM 6'-0" 6'-0" 2' - 0"

					DOOR	TYPES					
	OP	PENING	DOO	R SIZE		GA	UGE			MA	TERIAL
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT	THICKNESS	DOOR	FRAME	LOUVERS	FIRE RATING	DOOR	FRAME
WF	3' - 0"	7' - 0"	2' - 6"	6' - 8"	1 3/4"	-	14	-	1HR	WOOD	HOLLOW METAL

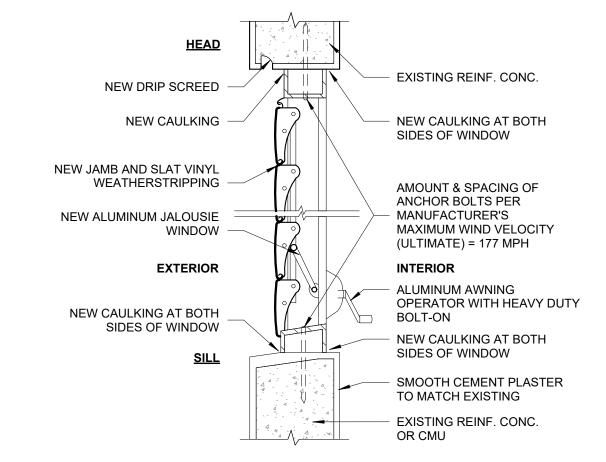
FAN SHALL BE PROVIDED WITH

HURRICANE TIE DOWNS. HURRICANE TIE-DOWN

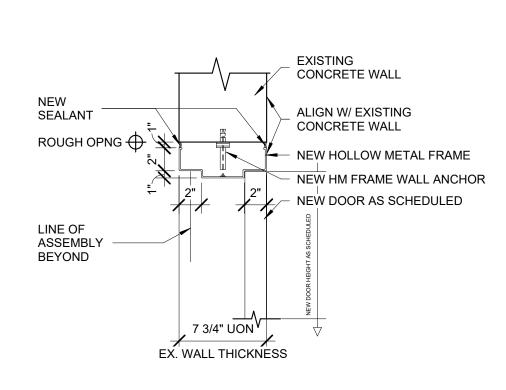
1. VERIFY DIMENSIONS AT FIELD PRIOR TO FABRICATING AND INSTALLING DOORS AND WINDOWS.



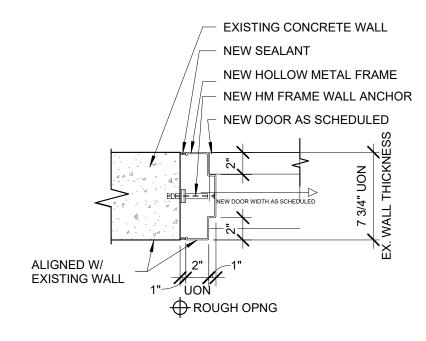
TYPICAL WINDOWS



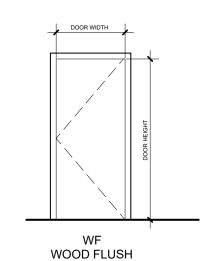
WINDOW SILL & HEAD DETAIL



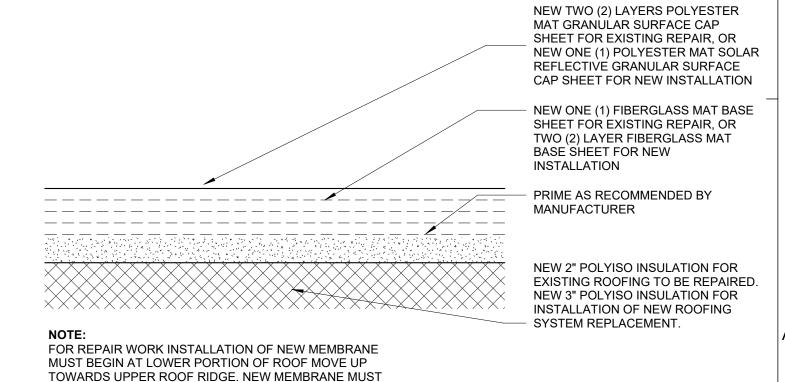
NEW DOOR HEAD DETAIL







TYPICAL DOORS



OVERLAP AT LEAST 3'-0" FROM REPAIRED PATCH PORTION ON ALL SIDES. CONTRACTOR TO VERIFY IN FIELD.

3-PLY SBS BITUMINOUS MEMBRANE SECTION



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IT SHALL BE USED ONLY BY AUTHORIZED PERSONS AND SHALL NOT BE REPRODUCED OR EXHIBITED WITHOUT WRITTEN CONSENT OF CSA ARCHITECTS AND ENGINEERS.



ISSUE FOR BID

NOVEMBER 30, 2023

REV	DATE	DESCRIPTION

\sim			
	DIS	CIPLINE INFO	ORMATION:
	PRIMI	E PROFESIONAL:	
	С	DIS	C DISCIPLINE INFO

PROFESSIONAL OF RECORD:

PROFESSIONAL'S STATEMENT:

Y	O, ANN	ETTE ALFON	S
NII	LIM LIC	12204	

CERTIFICO QUE SOY EL PROFESIONAL QUE [CONFECCIONÓ, DISEÑÓ O PREPARÓ] ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTA TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS 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 JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LAPREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; R LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE]. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN

PRIDCO DAMAGE IMPROVEMENTS NORTH REGION STAGE 1 BID PACKAGE N1-2

PW: 8004 / COROZAL

RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y

DISCIPLINARIA POR LA OGPE.

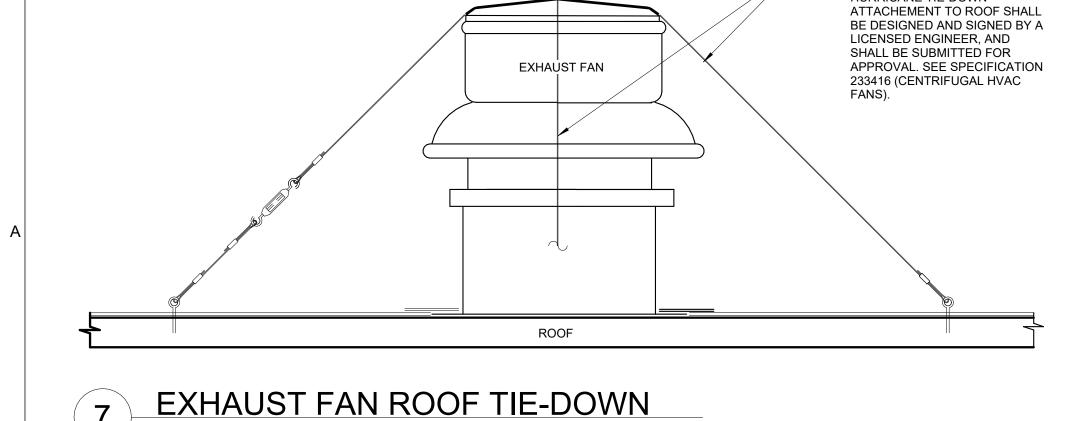
TE ISSUE DESCRIPTION

DETAILS AND SPECIFICATIONS

SHEET TITLE:

DELIVERY DATE:	PROJECT NUMBER:
	21-0258-02
PRINT DATE & TIME:	BIM FILE NAME:
7/5/2024 5:11:31 PM	
DRAWING / MODEL LOCATION:	

2DT501



INSTALL NON-

POCKET ON

INVASIVE PITCH

ROOF SEALING

TO COVER AND

PENETRATION

CONCRETE

3/8" GALV FORGED EYE

DEVELOP FULL STRENGTH

ANCHOR IN TO CONCRETE WITH HLTI HDI-

QUANTITY OF ANCHORS SHAL BE DESIGN

ANCHOR

P TZ DROP-IN ANCHOR OR SIMILAR

BASED ON CALCULATED TIE TENSION

BOLT, EYE SHALL BE

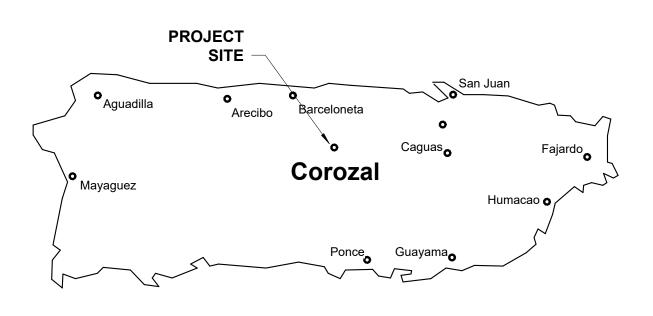
STRONG ENOUGH TO

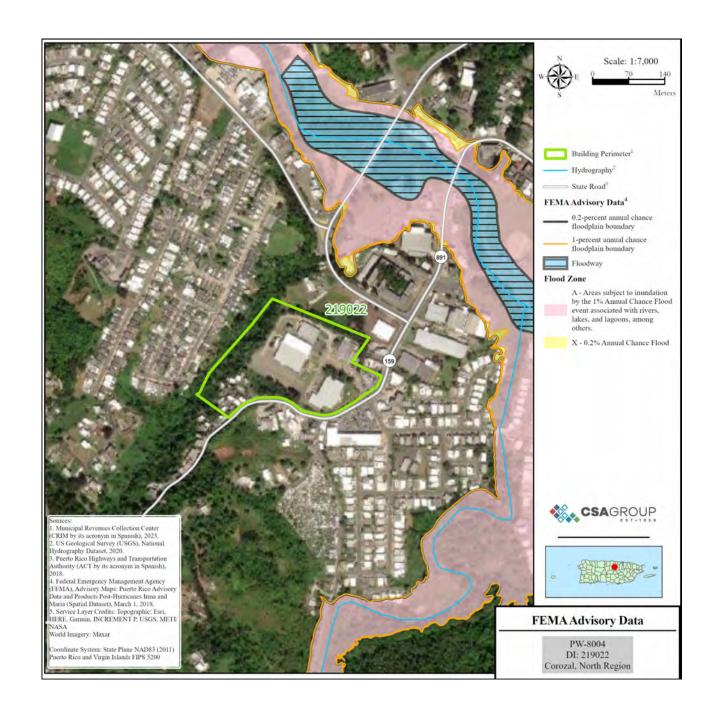
OF BOLT IN TENSION,

EXHAUST FAN ROOF TIE-DOWN

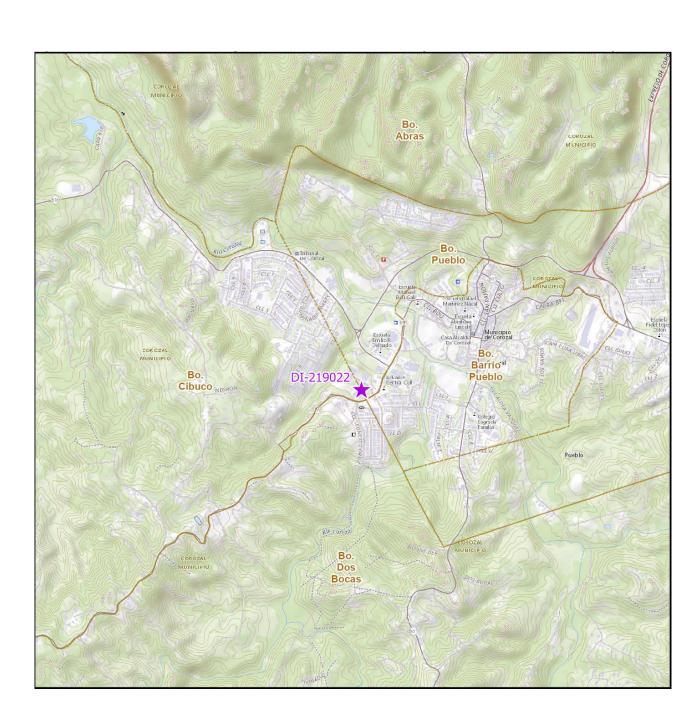
BOLT TO BE ASTM A307

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PRIME PROFESIONAL: 10. MILL CERTIFICATE SHALL BE SUBMITTED. TENSION BAR PROFESSIONAL OF RECORD: STAFF DESIGNER: BRACE ROD AND Q.C. AUDITOR: TURNBUCKLE PRINCIPAL CAD TECHNICIAN: PROFESSIONAL'S STATEMENT: FINISHED GRADE LINE **EXPANSION SLEEVE** COUPLINGS YO, ANNETTE ALFONSO BRACE BAND NO.6 3 BARBED WIRE NO. 11 FOR TOP RAIL (4 POINTS) EXTENSION ARMS NUM. LIC. 12304 CERTIFICO QUE SOY EL PROFESIONAL QUE [CONFECCIONÓ, DISEÑÓ O PREPARÓ] ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE 1-5/8" GALV. TUBULAR STEEL LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS PIPE (TOP RAIL) REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LAPREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACION DE ESTOS PLANOS Y
ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE
CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE
ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA
COMO LA "LEY PARA LA INVERSIÓN POR LA
INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM.
319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; - GALVANIZED CHAIN LINK NO.9 -BRACE BAND "A" NOTE NO. 9 2 1/2" O.D. GALV. PIPE -B LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE]. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN 1" GALV. TUBULAR DE LOS HECHOS QUE SE HAYA PRODUCIDO POR BAND AND LINK NO. 12 STEEL PIPE DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN TENSION BAND "B" - TENSION WIRE FINISHED 3"Ø OUTSIDE DIAM. RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y GRADE GALV. PIPE DISCIPLINARIA POR LA OGPE. UPPER GATE HINGE LOWER GATE HINGE PRIDCO DAMAGE IMPROVEMENTS GALVANIZED CHAIN **NORTH REGION STAGE 1** LINK NO. 9 **BID PACKAGE N1-2** PW: 8004 / COROZAL 12"x12" - CONCRETE 8"x8" CONCRETE TE ISSUE DESCRIPTION BASE 10'-0" C. TO C. (MAX. TYPICAL) 10'-0" C. TO C. (MAX. TYPICAL) **DETAILS AND SPECIFICATIONS INSTALLATION DETAILS FOR CHAIN LINK FENCE & GATES** CHAIN LINK FENCE PARTIAL ELEVATION (ALONG PROPERTY LIMITS) CHAIN LINK FENCE WITH BARBED DELIVERY DATE: PROJECT NUMBER: 21-0258-02 PRINT DATE & TIME: BIM FILE NAME: 7/5/2024 5:11:32 PM DRAWING / MODEL LOCATION: NOT TO SCALE 2DT502









AERIAL PHOTO 18.33849, -66.32293 LOCATION MAP SCALE 1: 20,000

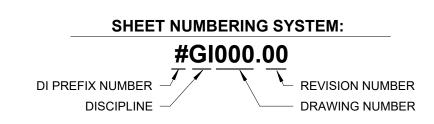
IND	INDEX OF DRAWINGS - PW 8004, DI 219022				
Discipline	Sheet Number	Current Revision	Sheet Name		
00-GENERAL					
00-GENERAL	3GI001		COVER SHEET - DI 219022		
00-GENERAL	3GI002		GENERAL NOTES, ABBREVIATIONS AND LEGEND		
03-ARCHITECTURAL					
03-ARCHITECTURAL	3AE101		SITE PLAN BUILDING T090407000 DI 219022		
05-DETAILS	05-DETAILS				
05-DETAILS	3DT501		DETAILS AND SPECIFICATIONS		
05-DETAILS	3DT502		DETAILS AND SPECIFICATIONS		
05-DETAILS	3DT503		DETAILS AND SPECIFICATIONS		

PRIDCO-FEMA 4339 DR PROGRAM NORTH REGION STAGE 1 BID PACKAGE N1-2

3 PW: 8004 | DI: 219022 | Bldg: T090407000

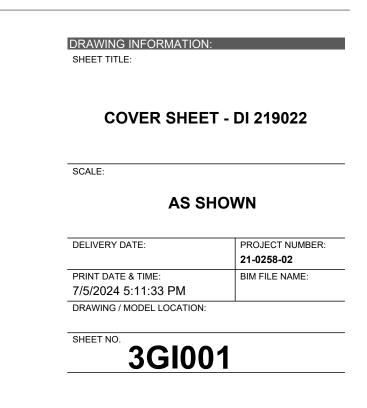
Cibuco Ward Corozal, Puerto Rico

NOVEMBER 30, 2023









GENERAL NOTES DISTURBANCE TO OCCUPANTS. PER OSHA REQUIREMENTS. FACILITIES. COMPETITION. MEMBRANE **ELECTRICAL GENERAL NOTES** NO CONDUIT SHALL BE SMALLER THAN 3/4". ALL CONDUIT SHALL BE RIGID GALVANIZED EXCEPT OTHERWISE INDICATED. EXPANSION JOINTS. ALL LOADS SHALL BE BALANCED SPACED NOT FURTHER THAN 7'-6" APART. SLAB, WALLS AND OVERHANGS. DEPARTMENT

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. PERFORM WORK IN ACCORDANCE WITH ACCESSIBILITY COMPLIANCE AS PER 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 5. CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE NOISE, DUST, OR IMPLEMENT SAFETY CONTROLS DURING DEMOLITION/CONSTRUCTION WORK, AS DAILY REMOVE DEBRIS RESULTING FROM DEMOLITION/CONSTRUCTION AND RANSPORT 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 PROCEDING 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. 9. REPORT TO CONSTRUCTION MANAGER AND ARCHITECT DISCREPANCIES IN THE CONTRACT DRAWINGS, SPECIFICATIONS OR DETAILS PRIOR TO COMMENCING 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 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 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 DRNA 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 18. PROVIDE DOCUMENTATION ON PROCEDURES AND EXECUTION. 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 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.

NO WIRE SHALL BE SMALLER THAN # 12 AWG THHN, 600 VOLTS.

- 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
- EXPANSION FITTINGS SHALL BE USED FOR EVERY CONDUIT CROSSING BUILDING
- PROVIDE A #12 GREEN THW BONDING JUMPER BETWEEN EACH OUTLET BOX AND RECEPTACLE GROUNDING TERMINAL, USE 3/8" LONG 10-32 GROUNDING
- ALL INSTALLATIONS SHALL BE EXPOSED UNLESS OTHERWISE INDICATED. EXPOSED CONDUITS SHALL BE SUPPORTED BY MEANS OF ONE BOLT CLAMP
- AN EXPOSED WORK CONDULET SHALL BE USED FOR ALL 90 BENDS. ALL NON-GALVANIZED METAL PARTS SHALL BE GIVEN ONE COAT OF RED OXIDE 9.
- 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
- PROVIDE ELECTRICAL SERVICE TO TEST ALL ELECTRICAL SYSTEM IN PRESENCE OF THE REPRESENTATIVE FROM THE MECHANICAL AND ELECTRICAL ALL LIGHTING CIRCUITS SHALL HAVE ONE (1) PORCELAIN LIGHT SOCKET WITH A 12.
- 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 THROUGHT THE INSTALLATION BY THE USE OF WHITE COLOR COVERED LIVE WIRES WITHIN THE SAME CONDUIT
- SHALL BE COLOR CODED AS PER N.E.C. RECEPTACLES AND LIGHTING CIRCUITS SHALL BE #12 THHN WIRE AND SHALL BE 14.
- 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 "FS" TYPE.
- 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 DIAGRAMATTIC 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
- FOR FIXTURES AND EQUIPMENT NOT LISTED IN SCHEDULE, SEE CONTRACT SPECIFICATIONS

DIAMETER OR LESS AND NOT MORE THAN 100 FEET APART FOR LARGER PIPES.

- 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
- FOR ALL UNDERGROUND SANITARY AND STORM DRAINAGE USE: PVC POLYVINYL 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

- DRAWINGS 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
- 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 ANDCONVEY 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
- 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, 15 TH 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 FOR THE REPAIR OF AREAS AFFECTED BY CORROSION, ICRI NO. 03730 GUIDELINE FOR SURFACE PREPARATION FOR THE
- REPAIR OF DETERIORATED CONCRETE RESULTING FROM REINFORCING STEEL CORROSION SHOULD BE FOLLOWED. BEFORE COMMENCING ANY CONCRETE REPAIR WORK, THE REPAIR DETAILS 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 COMMOM 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

- 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.
- AWS 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.

- 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 BEEXPOSED, DE-SLAG, CLEAN AND TOUCH UP WELDS
- 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 ATTACHMENTAND 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):

- 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 PLANE 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 FOUIPMENT. 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:
 - 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.
- 11. 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 TASK 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

GENERAL DRAWING SYMBOLS:

EXISTING WALL NEW CONCRETE BLOCK WALL 6" OR 8" NEW PLYCEM BOARD WALL

COLUMNS

BEHIND AS INDICATED. - DETAIL REFERENCE NUMBER DETAIL REFERENCE SYMBOL SHEET WHERE DETAIL IS DRAWN

MATCH LINE

HIDDEN OUTLINE (SHOWIN

- ELEVATION REFERENCE NUMBER

CONDITION BELOW, ABOVE OF

SHEET WHERE ELEVATION IS DRAWN - SECTION REFERENCE NUMBER GENERAL BUILDING SECTION

WALL SECTION REFERENCE NUMBER WALL SECTION SHEET WHERE WALL SECTION IS DRAWN

- SHEET WHERE SECTION IS DRAWN

SHEET WHERE INT. ELEV. IS DRAWN

INTERIOR ELVATION SYMBOL **ELEVATION REFERENCE NUMBER**

NORTH ARROW

WINDOW SYMBOL KEY NOTE EQUIPMENT SYMBO

LEVEL SYMBOL

ROOM IDENTIFICATION A 100

── ROOM NUMBER

AIR MONITORING

ENCLOSURES

MATERIAL

NOTES #15):

FINAL JOB CLOSE-OUT

THE ASBESTOS ABATEMENT SHALL INCLUDE, BUT NOT BE LIMITED TO THE

FOLLOWING (IF APPLICABLE. REFER TO GENERAL NOTES #15.):

CONSTRUCTION OF TEMPORARY CONTAINMENT

BARRIER/DECONTAMINATION ENCLOSURES

PREPARATION FOR ABATEMENT OPERATIONS

APPLICATION OF LOCKDOWN ENCAPSULANTS

NOTIFICATION TO REGULATORY AGENCIES

WORKER HEALTH AND SAFETY PROGRAM

PREPARATION FOR ABATEMENT OPERATIONS

CONTAINMENT AND DECONTAMINATION UNIT

AND DECONTAMINATION UNIT

THE SAFETY OF ITS EMPLOYEES

NECESSARY FOR CONDUCTING THE

DECONTAMINATION AND CLEANING

FINAL JOB CLOSE-OUT

REGULATORY PERMITS, LICENSES, AND APPROVALS

DECONTAMINATION AND CLEANING

REGULATORY PERMITS, LICENSES AND APPROVALS

REMOVAL OF EXISTING ASBESTOS-CONTAINING MATERIAL

TRANSPORT AND DISPOSAL OF ASBESTOS-CONTAINING MATERIAL

ABATEMENT OF LEAD-BASED PAINT AND LEAD-BASED PAINT HAZARDS GENERAL

ITEMS INCLUDE, BUT NOT LIMITED TO (IF APPLICABLE. REFER TO GENERAL

ABATEMENT OF EXISTING LEAD-BASED PAINT OWNER BUILDING

REMOVAL OF TEMPORARY CONTAINMENT BARRIER/DECONTAMINATION

ESTABLISHING ENGINEERING CONTROLS TO PREVENT MIGRATION OF LEAD

IN AIR FROM THE WORK AREA; INCLUDES CONSTRUCTION OF CONTAINMENT

PERSONAL AIR MONITORING AS REQUIRED BY REGULATORY AGENCIES FOR

TRANSPORT AND DISPOSAL OF LEAD-CONTAINING OR LEAD-CONTAMINATED

PERFORMANCE OF INCIDENTAL MECHANICAL AND ELECTRICAL WORK

REMOVAL OF ENGINEERING CONTROLS, INCLUDING TEARDOWN OF

NOTIFICATION TO REGULATORY AGENCIES

WORKER HEALTH AND SAFETY PROGRAM

ABBREVIATIONS: ABOVE FINISHED FLOOR AIR CONDITIONING

ALUMINUM

CORROSION

ELEVATION

FLOOR DRAIN

HARDWARE

INTERIOR

MASONRY

MOUNTED

MECHANICAL

JANITOR CLOSET

NOT IN CONTRACT

NOT APPLICABLE

ON CENTER

ROOF DRAIN

ROOM

REQUIRED

REVISION

STORAGE

STRUCTURAL

STAINLESS STEEL

STORM SEWER

TOP OF MASONRY

TOP OF STEEL

DROP MANHOLE

VERIFY IN FIELD

TELEPHONE

THICK

TYPICAL

MANHOLE

D.MH.

N.E.C.

SMOOTH CEMENT PLASTER

UNLESS OTHERWISE NOTED

NATIONAL ELECTRIC CODE

EQUAL

BOTTOM CENTER TO CENTER

CONCRETE MASONRY UNIT

FINISH FLOOR ELEVATIONS

FINISH FLOOR LEVEL

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CSA ARCHITECTS AND ENGINEERS.

PUERTO RICO INDUSTRIAL DEVELOMENT COMPANY PRIDCO

FOR:

ISSUE FOR BID

NOVEMBER 30, 2023

DISCIPLINE INFORMATION: PROFESSIONAL OF RECORD

PROFESSIONAL'S STATEMENT:

PRINCIPAL CAD TECHNICIAN

YO, ANNETTE ALFONSO

NUM. LIC. 12304 CERTIFICO QUE SOY EL PROFESIONAL QUE ICONFECCIONÓ, DISEÑÓ O PREPARÓI ESTOS PLANOS LAS ESPECIFICACIONES COMPLEMENTARIA TAMBIÉN. CERTIFICO QUE ENTIENDO QUE DICHOS 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 JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LAPREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004. SEGÚN ENMENDADA. CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA ILEY NÚM. 319 DE 15 DE MAYO DE 1938 SEGÚN ENMENDADA. R LEY NÚM. 96 DE 6 DE JULIO DE 1978. SEGÚN ENMENDADA; SEGÚN APLIQUE]. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN

POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

DE LOS HECHOS QUE SE HAYA PRODUCIDO POR

DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA

PRIDCO DAMAGE IMPROVEMENTS **NORTH REGION STAGE 1** BID PACKAGE N1-2 **PW: 8004 / COROZAL**

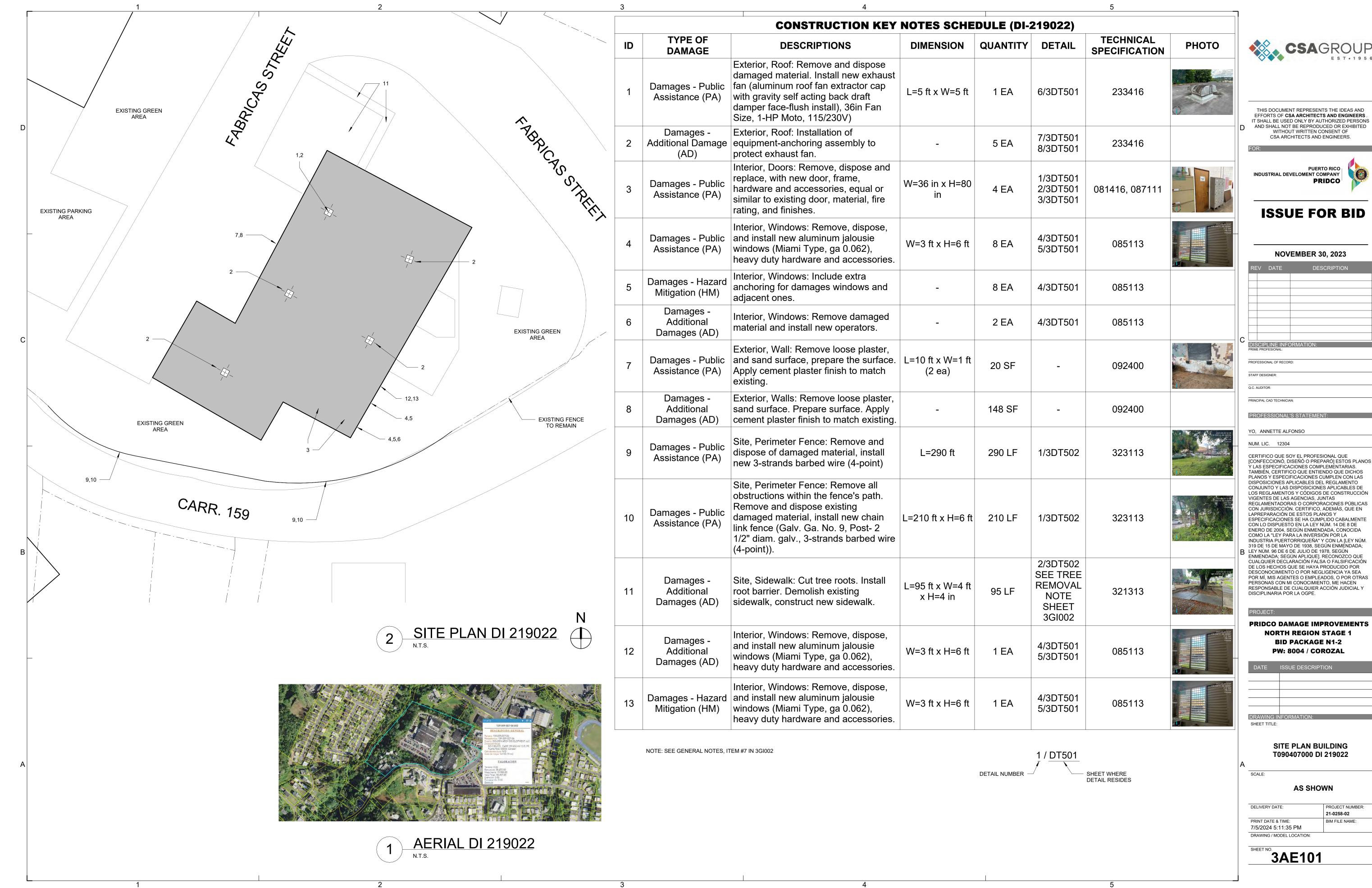
TE ISSUE DESCRIPTION

GENERAL NOTES, ABBREVIATIONS AND LEGEND

SHEET TITLE:

DELIVERY DATE: PROJECT NUMBER: 21-0258-02 PRINT DATE & TIME BIM FILE NAME: 7/5/2024 5:11:34 PM DRAWING / MODEL LOCATION

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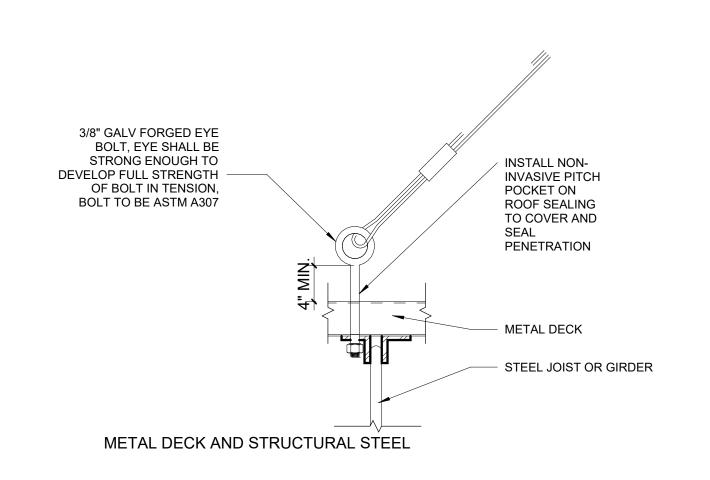
CERTIFICO QUE SOY EL PROFESIONAL QUE [CONFECCIONÓ, DISEÑÓ O PREPARÓ] ESTOS PLANOS TAMBIÉN. CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN

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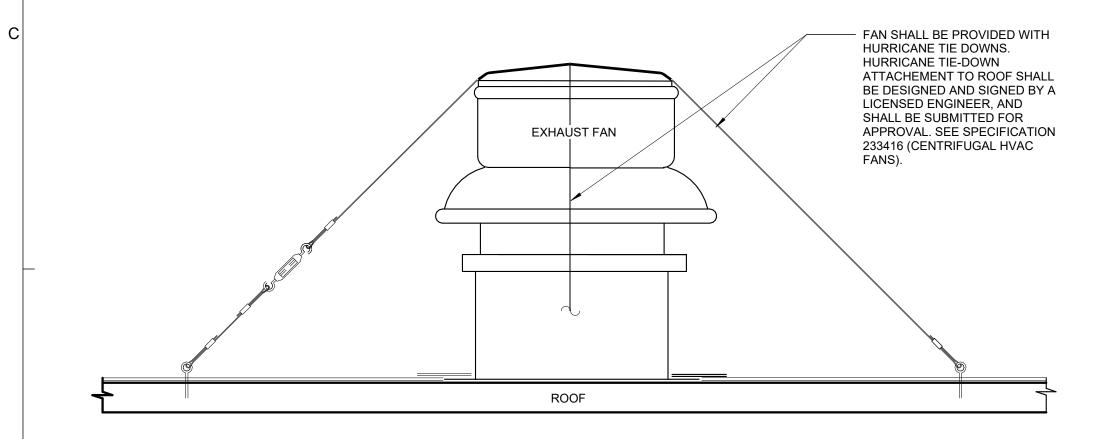
PRIDCO DAMAGE IMPROVEMENTS **NORTH REGION STAGE 1**

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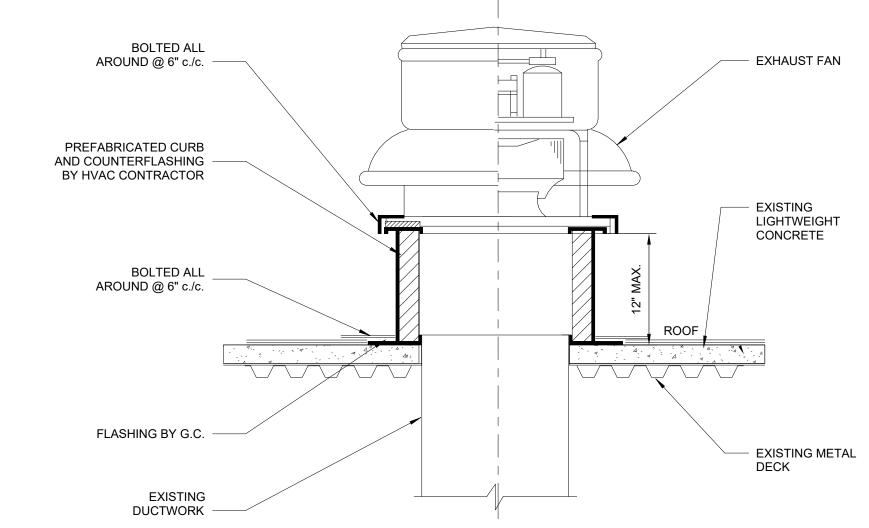


EXHAUST FAN ROOF TIE-DOWN ROOF ANCHOR DETAIL - METAL



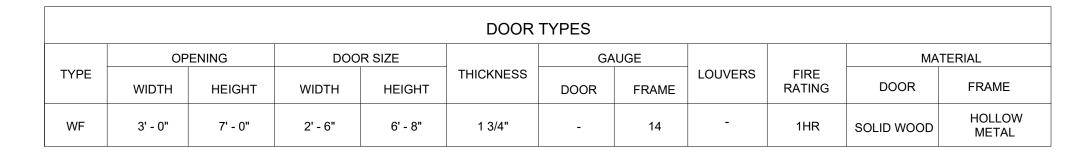


EXHAUST FAN ROOF TIE-DOWN



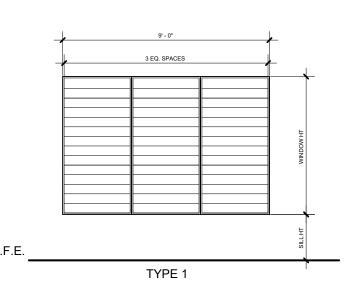
EXHAUST FAN ROOF CURB

DETAIL NOT TO SCALE

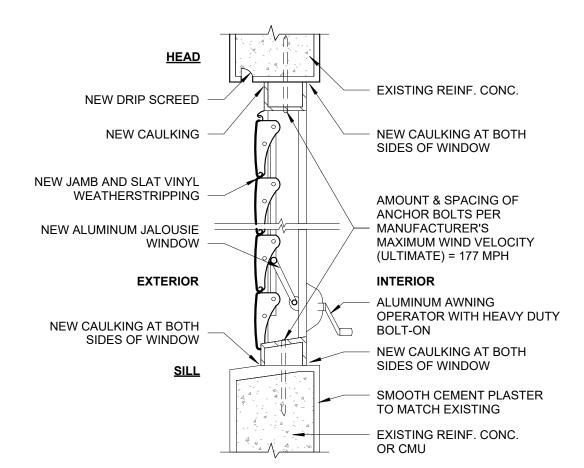


			WII	NDOW TYF	PES	
	OPE	NING			MATERIAL	
TYPE	WIDTH	HEIGHT	UNITS PER OPENING	SILL HEIGHT	WINDOW	FRAME
1	9'-0"	6'-0"	3	2' - 0"	0.062-GAUGE MIAMI TYPE	ALUMINUM

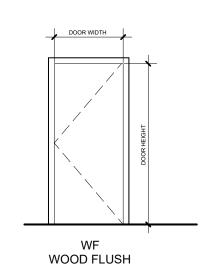
1. VERIFY DIMENSIONS AT FIELD PRIOR TO FABRICATING AND INSTALLING DOORS AND WINDOWS.

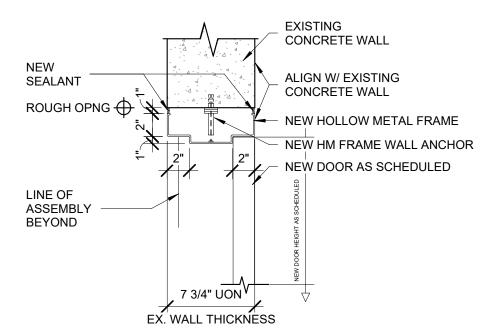


TYPICAL WINDOWS_

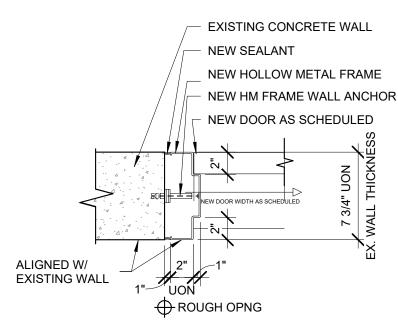


WINDOW SILL & HEAD DETAIL





DOOR HEAD DETAIL



DOOR JAMB DETAIL



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ISSUE FOR BID

NOVEMBER 30, 2023

REV	DATE	DESCRIPTION
С		
C Bloom	DLINE INCOR	MATION

PROFESSIONAL OF RECORD

PRINCIPAL CAD TECHNICIAN: PROFESSIONAL'S STATEMENT:

YO, ANNETTE ALFONSO

NUM. LIC. 12304 CERTIFICO QUE SOY EL PROFESIONAL QUE [CONFECCIONÓ, DISEÑÓ O PREPARÓ] ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIA TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS 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 JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LAPREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; R LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUEI. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS

PRIDCO DAMAGE IMPROVEMENTS **NORTH REGION STAGE 1 BID PACKAGE N1-2**

PW: 8004 / COROZAL

PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y

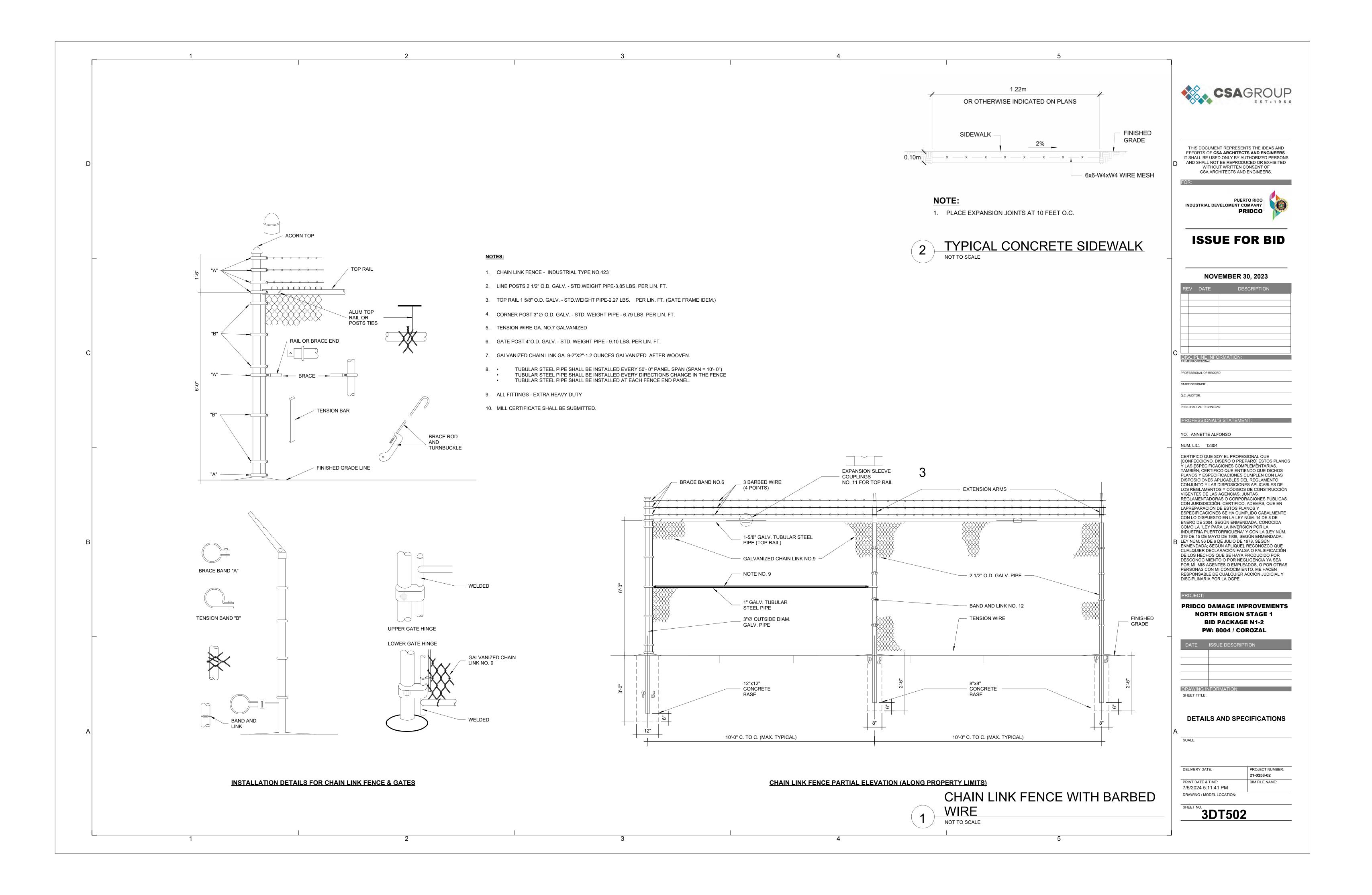
DISCIPLINARIA POR LA OGPE.

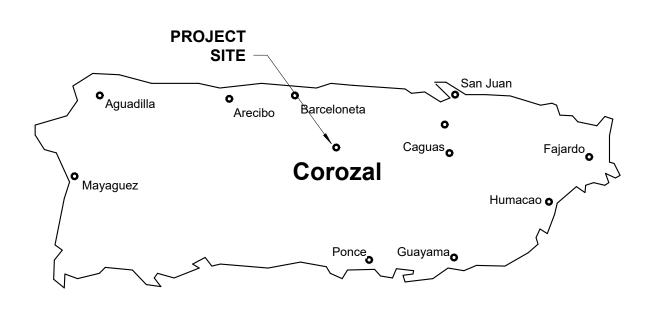
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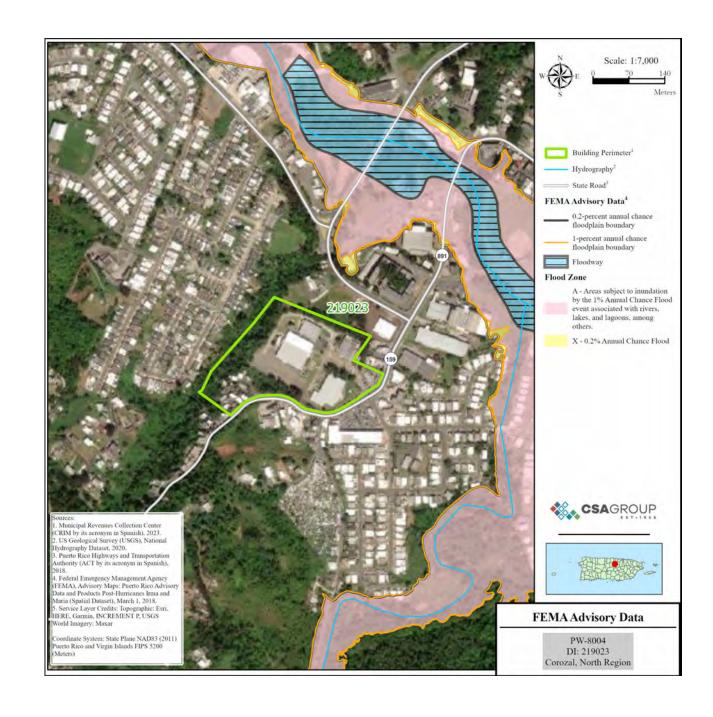
DETAILS AND SPECIFICATIONS

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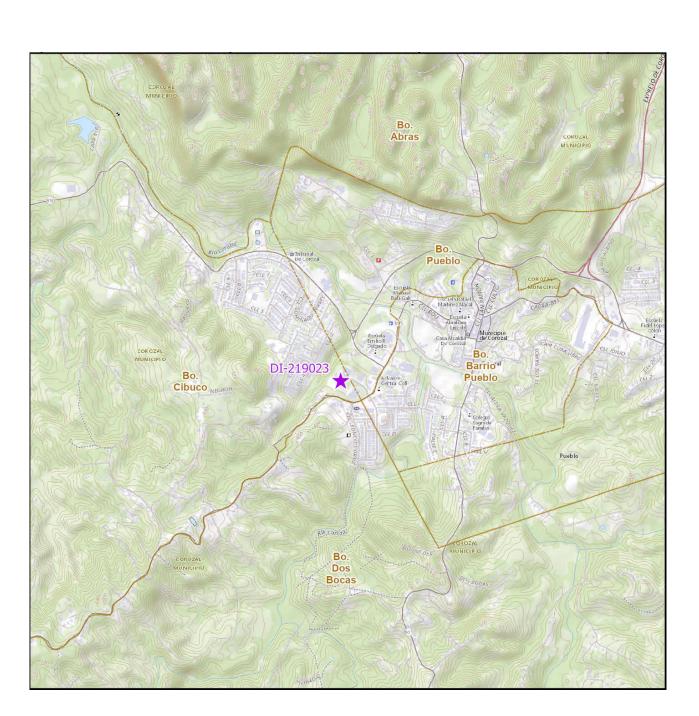
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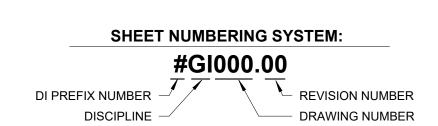
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PRIDCO-FEMA 4339 DR PROGRAM NORTH REGION STAGE 1 BID PACKAGE N1-2

4 PW: 8004 | DI: 219023 | Bldg: T090506800

Cibuco Ward Corozal, Puerto Rico

NOVEMBER 30, 2023







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GENERAL NOTES PER OSHA REQUIREMENTS. THF WORK **FACILITIES** COMPETITION. **ELECTRICAL GENERAL NOTES** 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 ALL INSTALLATIONS SHALL BE EXPOSED UNLESS OTHERWISE INDICATED. EXPOSED CONDUITS SHALL BE SUPPORTED BY MEANS OF ONE BOLT CLAMP SPACED NOT FURTHER THAN 7'-6" APART AN EXPOSED WORK CONDULET SHALL BE USED FOR ALL 90 BENDS. ALL NON-GALVANIZED METAL PARTS SHALL BE GIVEN ONE COAT OF RED OXIDE 9. 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 12. 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 THROUGHT THE INSTALLATION BY THE USE OF WHITE COLOR COVERED LIVE WIRES WITHIN THE SAME CONDUIT SHALL BE COLOR CODED AS PER N.E.C. RECEPTACLES AND LIGHTING CIRCUITS SHALL BE #12 THHN WIRE AND SHALL BE 14. 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

PLUMBING 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, ICC SUITE CODES 2018, REGLAMENTO CONJUNTO DE EMERGENCIA JUNE 16, 2023 AND WITH OTHER CODES, STANDARDS, AND REGULATIONS CALLED FOR IN SAID CODES PERFORM WORK IN ACCORDANCE WITH ACCESSIBILITY COMPLIANCE AS PER 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 5. CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE NOISE, DUST, OR DISTURBANCE TO OCCUPANTS. IMPLEMENT SAFETY CONTROLS DURING DEMOLITION/CONSTRUCTION WORK, AS 6. 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 PROCEDING 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. 9. REPORT TO CONSTRUCTION MANAGER AND ARCHITECT DISCREPANCIES IN THE CONTRACT DRAWINGS, SPECIFICATIONS OR DETAILS PRIOR TO COMMENCING 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 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 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 DRNA 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 18. PROVIDE DOCUMENTATION ON PROCEDURES AND EXECUTION. PRESSURE WASH, MINIMUM 3,000 PSI, EXISTING BUILDING EXTERIOR WALLS, WINDOWS, AND DOORS BEFORE BEGINNING SPECIFIED WORK. ALL PLUMBING FIXTURES, COLORS AND FINISHES, SELECTION BY ARCHITECT. 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. **HVAC GENERAL NOTES:** 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 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. 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.

WORK AND COORDINATE WITH THEM FOR THE EXECUTION OF THE WORK

CONCERNING THE SERVICE ENTRANCE AND SUBSTATION IF REQUIRED. IN

ALL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE LATEST RULES AND

NUMBERS AND COMPLETE SPECIFICATIONS AND DRAWINGS FOR APPROVAL OF

ADDITION, A CERTIFICATE OF INSPECTION SHALL BE OBTAINED AT THE

COMPLETION OF THE WORK AND FORWARDED TO THE PUERTO RICO

ALL BOXES FOR RECEPTACLES & LIGHTING SWITCHES FOR EXPOSED

A LIST OF MATERIALS AND EQUIPMENT GIVING MANUFACTURER CATALOG

P.R.I.D.C.O. SHALL BE SUBMITTED PRIOR TO THE PURCHASING OF SAID

INDUSTRIAL DEVELOPMENT COMPANY.

REGULATIONS OF THE N.E.C. AND LUMA.

INSTALLATION SHALL BE "FS" TYPE.

MATERIALS AND/OR EQUIPMENT.

DRAWINGS 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 5 BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

PLUMBING SHALL BE IN STRICT ACCORDANCE WITH THE 2018 PUERTO RICO BUILDING CODE.

ALL PIPING CONCEALED WHEREVER POSSIBLE UNLESS OTHERWISE NOTED.

DIAMETER OR LESS AND NOT MORE THAN 100 FEET APART FOR LARGER PIPES.

WITH CODE REQUIREMENTS OR AS SHOWN ON DRAWINGS.

SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

PIPES: CLEANOUT SHALL BE 4".

PIPES SHALL BE SLOPED 1/8"PER FOOT.

BEING INSTALLED BY ANOTHER SUB-CONTRACTOR.

ASTM D 2564 B. GASKETS: ASTM F 477, ELASTOMERIC SEAL.

SLEEVES SHALL BE SCHEDULES 40 GALVANIZED STEEL PIPE.

SERVICES. FLOOR SLEEVES ARE TO PROJECT 2" ABOVE FINISHED FLOORS.

WHENEVER THE HORIZONTAL DISTANCE BETWEEN THEM IS LESS THAN 5 FT.

SUPPLY AND INSTALL 1/4 TURN SHUT OFF VALVES AT EVERY PLUMBING FIXTURE

DIRECTION FROM HORIZONTAL TO VERTICAL

FURNISH AND SET IN PLACE BEFORE CONCRETE POURING ALL NECESSARY SLEEVES FOR WASTE OR SOIL,

THE PLUMBING DRAWING IS GENERALLY DIAGRAMATTIC AND INDICATIVE OF THE WORK TO BE INSTALLED. RUN

SIZES SHOWN IN FIXTURE SCHEDULE ARE MINIMUM AND SHALL BE INCREASED AS NECESSARY TO COMPLY

BEFORE CONSTRUCTION VERIFY EXISTING ELEVATIONS AGAINST PROPOSED SLOPES. ANY DISCREPANCIES

CLEANOUT SHALL BE OF SAME SIZE AS THE PIPES TO WHICH THEY ARE CONNECTED UP TO 4", FOR LARGE

CLEANOUT SHALL BE NOT MORE THAN 50 FEET AP-ART IN HORIZONTAL DRAINAGE LINES OF 4" NOMINAL

DETERMINE EXACT LOCATION OF THE PIPING TO AVOID ANY INTERFERENCE WITH PIPING AND/OR EQUIPMENT

SANITARY TEES (SINGLE AND DOUBLE) AND QUARTER BENDS SHALL BE ACCEPTABLE ONLY FOR CHANGES OF

PROVIDE ROUGHING-IN AND INSTALL ALL PLUMBING FIXTURES AND/OR EQUIPMENT WHICH ARE SUPPLIED BY

FOR ALL UNDERGROUND SANITARY AND STORM DRAINAGE USE: PVC POLYVINYL CHLORIDE) SEWER PIPE AND

PROVIDE ALL PIPE OPENINGS THROUGH SLABS WITH SLEEVES HAVING AN INTERNAL DIAMETER AT LEAST 1"

BOTTOM OF THE WATER SERVICES LINE SHALL BE 12 INCHES ABOVE THE HIGHEST POINT OF THE SEWER LINE

PROVIDE DOWNSPOUT NOZZLES (SIMILAR TO JAY R. SMITH FIG 1770) AT THE OVERFLOW RAIN WATER OUTLETS,

SUPPLY AND INSTALL ALL ELECTRICAL CONTROLS, SAFETY SWITCHES AND ACCESSORIES NOT INDICATED IN

ACCORDANCE WITH THE MECHANICAL EQUIPMENT RECOMMENDATIONS AND THE NATIONAL ELECTRIC CODE.

THE ELECTRICAL DRAWING AND NECESSARY FOR THE PROPER OPERATION OF THE EQUIPMENT IN

PERFORM ALL WIRING AND CONNECTION (POWER AND CONTROL) NOT INDICATED IN THE ELECTRICAL

LARGER THAN THE OUTSIDE DIAMETER OF UN-INSULATED PIPES OR OF THE INSULATION FOR INSULATION

FITTING: ASTM D 3034, SDR-35, FOR SOLVENT CEMENT OR ELASTOMERIC GASKET JOINTS. A. SOLVENT CEMENT:

FOR FIXTURES AND EQUIPMENT NOT LISTED IN SCHEDULE, SEE CONTRACT SPECIFICATIONS.

USE LONG SWEEPING FITTINGS AND/OR LONG SWEEP BENDS AT BASE OF ALL STACKS.

UNLESS OTHERWISE INDICATED, ALL DRAINAGE PIPING 3" AND SMALLER SHALL BE SLOPED 1/4" PER FT., LARGER

VENT, HOT, AND COLD WATER LINES, THESE SLEEVES SHALL BE AS SPECIFIED OR REQUIRED BY THE

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 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 ANDCONVEY 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, 15 TH 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 FOR THE REPAIR OF AREAS AFFECTED BY CORROSION, ICRI NO. 03730 GUIDELINE FOR SURFACE PREPARATION FOR THE

REPAIR OF DETERIORATED CONCRETE RESULTING FROM REINFORCING STEEL CORROSION SHOULD BE FOLLOWED. BEFORE COMMENCING ANY CONCRETE REPAIR WORK, THE REPAIR DETAILS 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 COMMOM 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. AWS 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.

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 BEEXPOSED, 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 ATTACHMENTAND 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 PLANE 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 FQUIPMENT. 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:

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.

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 TASK 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

CENTER TO CENTER NEW PLYCEM BOARD WALL CONCRETE MASONRY UNIT CORROSION ELEVATION FLOOR DRAIN FINISH FLOOR ELEVATIONS

ABBREVIATIONS:

ABOVE FINISHED FLOOP

AIR CONDITIONING ALUMINUM

FINISH FLOOR LEVEL

FINISH(ED)

HARDWARE

INTERIOR

MASONRY

MINIMUM

MOUNTED

MECHANICAL

JANITOR CLOSET

NOT IN CONTRACT

NOT APPLICABLE

ON CENTER

ROOF DRAIN

SMOOTH CEMENT PLASTER

UNLESS OTHERWISE NOTED

NATIONAL ELECTRIC CODE

STAINLESS STEEL

TOP OF MASONRY

STORM SEWER

STRUCTURAL

TOP OF STEEL

DROP MANHOLE

VERIFY IN FIELD

MANHOLE

TELEPHONE

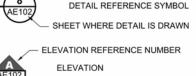
THICK

REQUIRED

STRUCT

N.E.C.

HIDDEN OUTLINE (SHOWII CONDITION BELOW, ABOVE OR BEHIND AS INDICATED. - DETAIL REFERENCE NUMBER DETAIL REFERENCE SYMBOI

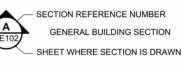


GENERAL DRAWING SYMBOLS:

NEW CONCRETE BLOCK WALL 6" OR 8"

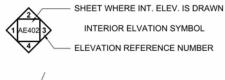
EXISTING WALL

COLUMNS



SHEET WHERE ELEVATION IS DRAWN

WALL SECTION REFERENCE NUMBER WALL SECTION SHEET WHERE WALL SECTION IS DRAWN



NORTH ARROW

AXIS SYMBO

WINDOW SYMBOL KEY NOTE

LEVEL SYMBOL

RISER SYMBOL ROOM IDENTIFICATION A 100

— ROOM NUMBER REVISION SYMBO

THE ASBESTOS ABATEMENT SHALL INCLUDE. BUT NOT BE LIMITED TO THE

FOLLOWING (IF APPLICABLE. REFER TO GENERAL NOTES #15.):

CONSTRUCTION OF TEMPORARY CONTAINMENT

BARRIER/DECONTAMINATION ENCLOSURES

DECONTAMINATION AND CLEANING

PREPARATION FOR ABATEMENT OPERATIONS

APPLICATION OF LOCKDOWN ENCAPSULANTS

NOTIFICATION TO REGULATORY AGENCIES

WORKER HEALTH AND SAFETY PROGRAM

PREPARATION FOR ABATEMENT OPERATIONS

CONTAINMENT AND DECONTAMINATION UNIT

AND DECONTAMINATION UNIT

THE SAFETY OF ITS EMPLOYEES

NECESSARY FOR CONDUCTING THE

DECONTAMINATION AND CLEANING

FINAL JOB CLOSE-OUT

REGULATORY PERMITS, LICENSES, AND APPROVALS

REGULATORY PERMITS, LICENSES AND APPROVALS

REMOVAL OF EXISTING ASBESTOS-CONTAINING MATERIAL

TRANSPORT AND DISPOSAL OF ASBESTOS-CONTAINING MATERIAL

ABATEMENT OF LEAD-BASED PAINT AND LEAD-BASED PAINT HAZARDS GENERAL

ITEMS INCLUDE, BUT NOT LIMITED TO (IF APPLICABLE. REFER TO GENERAL

ABATEMENT OF EXISTING LEAD-BASED PAINT OWNER BUILDING

PERFORMANCE OF INCIDENTAL MECHANICAL AND ELECTRICAL WORK

REMOVAL OF ENGINEERING CONTROLS, INCLUDING TEARDOWN OF

REMOVAL OF TEMPORARY CONTAINMENT BARRIER/DECONTAMINATION

ESTABLISHING ENGINEERING CONTROLS TO PREVENT MIGRATION OF LEAD

IN AIR FROM THE WORK AREA; INCLUDES CONSTRUCTION OF CONTAINMENT

PERSONAL AIR MONITORING AS REQUIRED BY REGULATORY AGENCIES FOR

TRANSPORT AND DISPOSAL OF LEAD-CONTAINING OR LEAD-CONTAMINATED

NOTIFICATION TO REGULATORY AGENCIES

WORKER HEALTH AND SAFETY PROGRAM

AIR MONITORING

ENCLOSURES

MATERIAL

NOTES #15):

FINAL JOB CLOSE-OUT

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.



ISSUE FOR BID

NOVEMBER 30, 2023

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PROFESSIONAL OF RECORD

STAFF DESIGNER

PROFESSIONAL'S STATEMENT:

PRINCIPAL CAD TECHNICIAN

YO, ANNETTE ALFONSO

NUM. LIC. 12304

CERTIFICO QUE SOY EL PROFESIONAL QUE ICONFECCIONÓ, DISEÑÓ O PREPARÓI ESTOS PLANOS LAS ESPECIFICACIONES COMPLEMENTARIA TAMBIÉN. CERTIFICO QUE ENTIENDO QUE DICHOS 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 JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LAPREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004. SEGÚN ENMENDADA. CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA ILEY NÚM. 319 DE 15 DE MAYO DE 1938. SEGÚN ENMENDADA: R LEY NÚM. 96 DE 6 DE JULIO DE 1978. SEGÚN ENMENDADA; SEGÚN APLIQUE]. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS

PRIDCO DAMAGE IMPROVEMENTS **NORTH REGION STAGE 1**

PERSONAS CON MI CONOCIMIENTO, ME HACEN

DISCIPLINARIA POR LA OGPE.

RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y

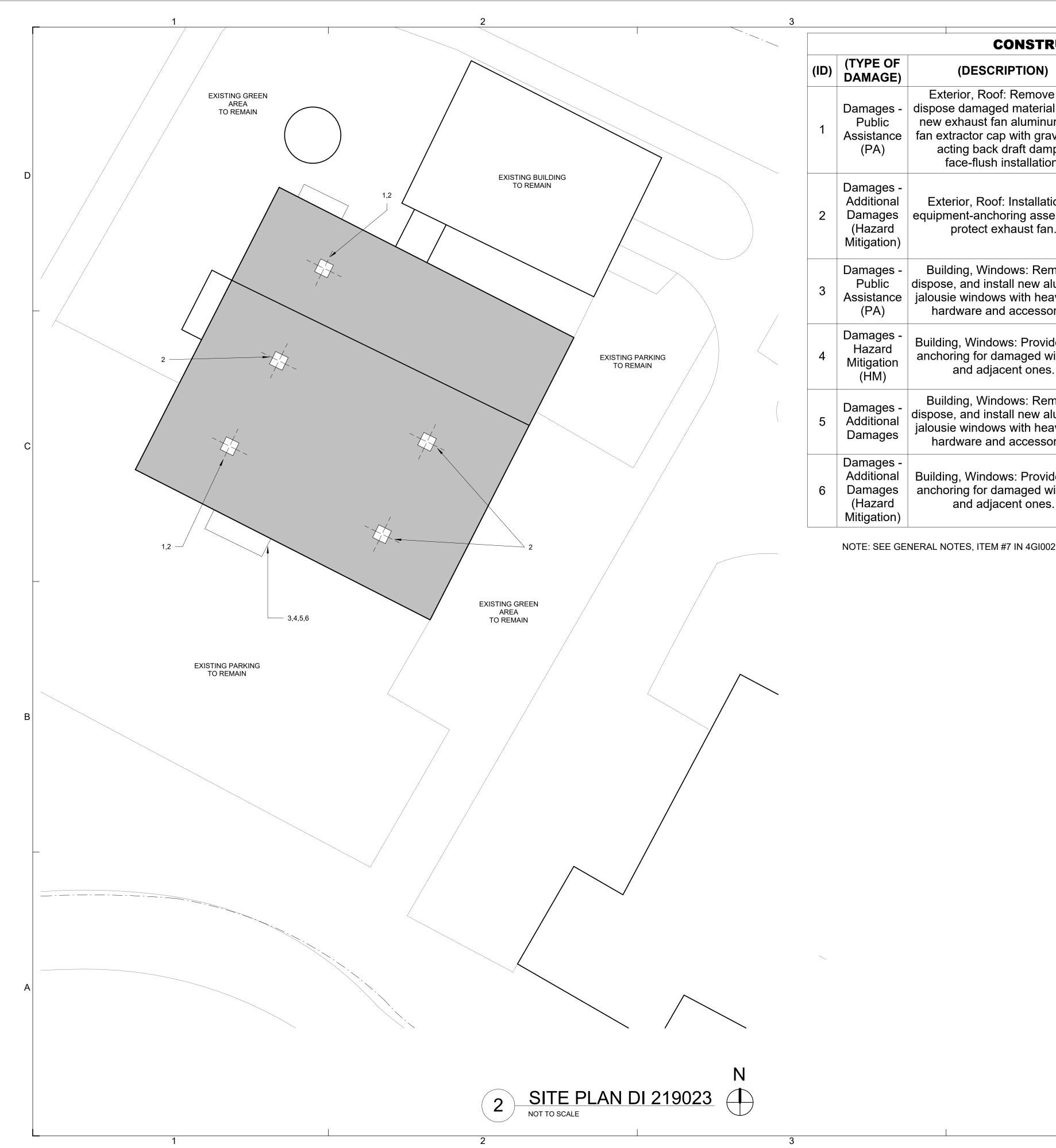
	BID PACKAGE N1-2						
	PW: 8004 / COROZAL						
DATE	ISSUE DESCRIPTION						

DRAWING IN	NFORMATION:
SHEET TITLE:	

GENERAL NOTES, ABBREVIATIONS AND LEGEND

SCALE:

DELIVERY DATE: PROJECT NUMBER: 21-0258-02 PRINT DATE & TIME BIM FILE NAME: 7/5/2024 5:11:53 PM DRAWING / MODEL LOCATION



CONSTRUCTION KEY NOTES SCHEDULE (DI-219023) (TYPE OF DAMAGE) (TECHNICAL (DIMENSION) (QUANTITY) (DETAIL) (DESCRIPTION) SPECIFICATION) (PHOTO) Exterior, Roof: Remove and dispose damaged material. Install new exhaust fan aluminum roof Public 2 EA 1/4DT501 233416 fan extractor cap with gravity self Assistance acting back draft damper face-flush installation. Damages Additional Exterior, Roof: Installation of 2/4DT501 233416 Damages equipment-anchoring assembly to 3/4DT501 (Hazard protect exhaust fan. Mitigation) Building, Windows: Remove, Damages dispose, and install new aluminum W=3 ft x H=6 ft 4/4DT501 085113 jalousie windows with heavy duty 5/4DT501 Assistance hardware and accessories. Damages · Building, Windows: Provide extra Hazard 085113 anchoring for damaged windows 1 EA 4/4DT501 Mitigation and adjacent ones. Building, Windows: Remove, dispose, and install new aluminum W=3 ft x H=6 ft Damages 4/4DT501 Additional 2 EA 085113 jalousie windows with heavy duty 5/4DT501 Damages hardware and accessories. Damages -Additional Building, Windows: Provide extra 4/4DT501 anchoring for damaged windows 2 EA 085113 Damages (Hazard and adjacent ones. Mitigation)

DETAIL NUMBER — SHEET WHERE DETAIL RESIDES

1 / DT501



1 AERIAL DI 219023
NOT TO SCALE



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ISSUE FOR BID

NOVEMBER 30, 2023

	RE	V	DATE	DESCRIPTION
С				
C	DIS	CIP	LINE INFO	ORMATION:

PROFESSIONAL OF RECORD

PROFESSIONAL OF RECORD:	
STAFF DESIGNER:	
Q.C. AUDITOR:	
PRINCIPAL CAD TECHNICIAN:	

PROFESSIONAL'S STATEMENT:

YO, ANNETTE ALFONSO

NUM. LIC. 12304

CERTIFICO QUE SOY EL PROFESIONAL QUE [CONFECCIONÓ, DISEÑÓ O PREPARÓ] ESTOS PLANOS

Y LAS ESPECIFICACIONES COMPLEMENTA TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS 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 JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LAPREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; B LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE]. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y

PROJECT:

SHEET TITLE:

DISCIPLINARIA POR LA OGPE.

PRIDCO DAMAGE IMPROVEMENTS NORTH REGION STAGE 1 BID PACKAGE N1-2 PW: 8004 / COROZAL

ATE ISSUE DESCRIPTION

SITE PLAN BUILDING

T090506800 DI 219023

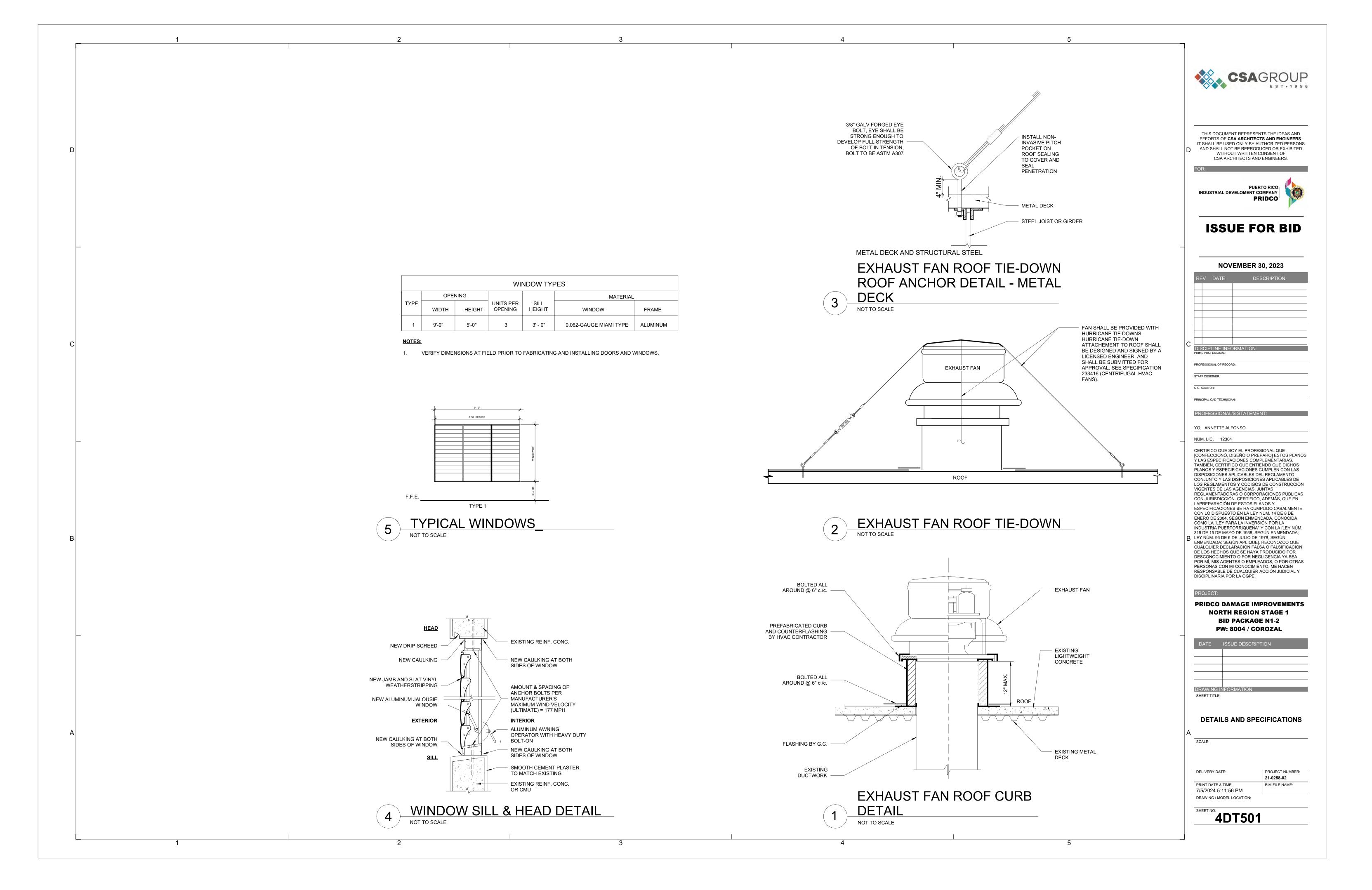
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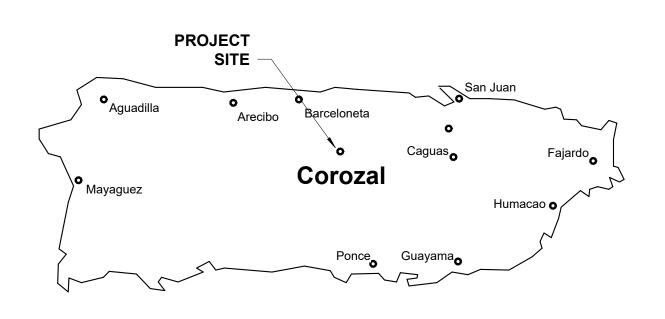
DELIVERY DATE: PROJECT NUMBER: 21-0258-02

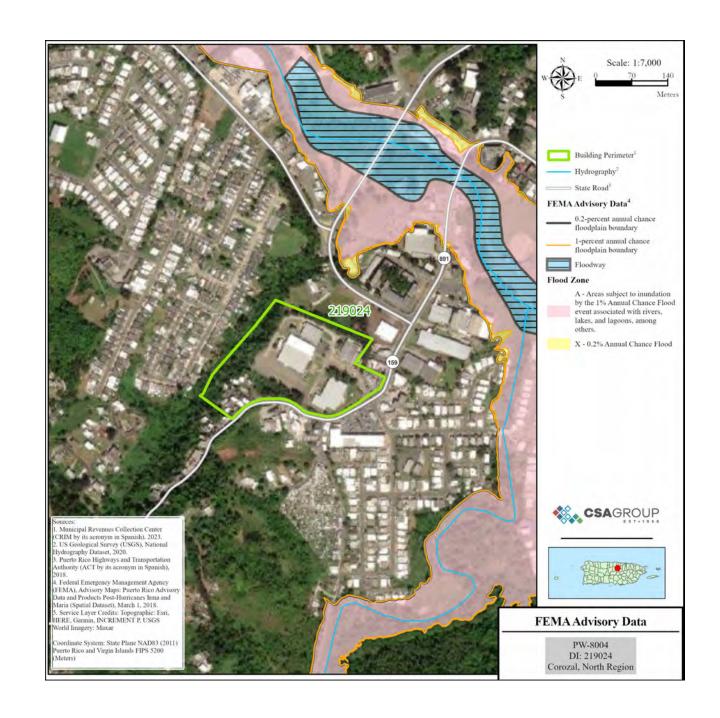
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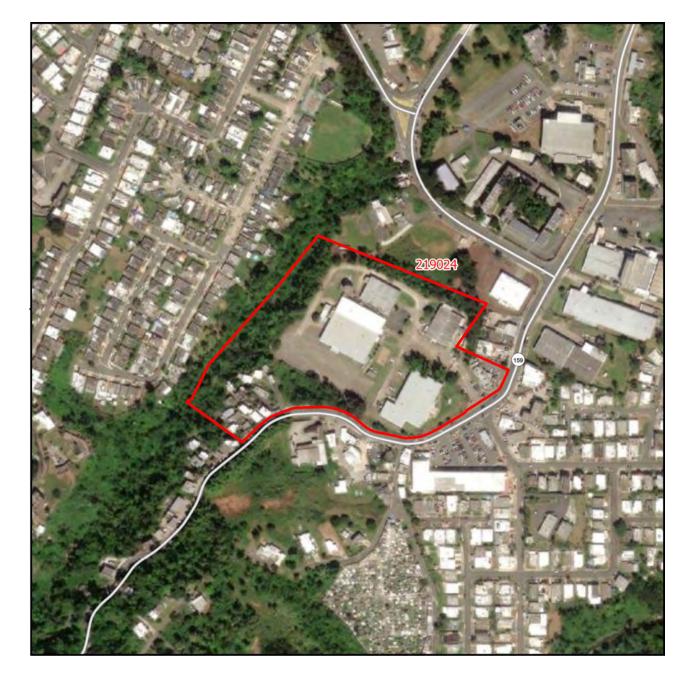
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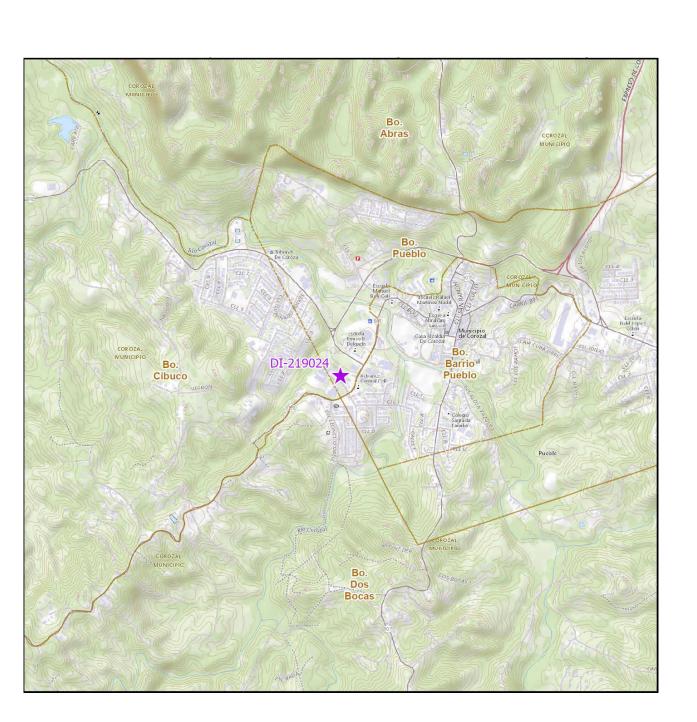
DRAWING / MODEL LOCATION:











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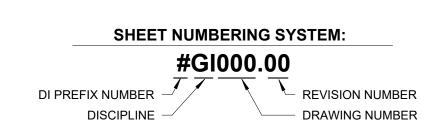
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		11100 - 1 11 0004, DI 213024
Sheet	Current	
Number	Revision	Sheet Name
5GI001		COVER SHEET - DI 219024
5GI002	A	GENERAL NOTES, ABBREVIATIONS AND LEGEND
5AE101	А	SITE PLAN BUILDING T123007700 DI 219024
5DT501	А	DETAILS AND SPECIFICATIONS
5DT502		DETAILS AND SPECIFICATIONS
	Sheet Number 5GI001 5GI002 5AE101 5DT501	Sheet Number Current Revision 5GI001 5GI002 5AE101 A 5DT501 A

PRIDCO-FEMA 4339 DR PROGRAM NORTH REGION STAGE 1 BID PACKAGE N1-2

5 PW: 8004 | DI: 219024 | Bldg: T123007700

Cibuco Ward Corozal, Puerto Rico

NOVEMBER 30, 2023







COVER SHEE	T - DI 219024
SCALE:	
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PRINT DATE & TIME: 7/5/2024 5:11:57 PM	BIM FILE NAME:
DRAWING / MODEL LOCATION:	

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. ICC SUITE CODES 2018. REGLAMENTO CONJUNTO DE EMERGENCIA JUNE 16, 2023 AND WITH OTHER CODES, STANDARDS, AND REGULATIONS CALLED FOR IN SAID CODES PERFORM WORK IN ACCORDANCE WITH ACCESSIBILITY COMPLIANCE AS PER 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 5. CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE NOISE, DUST, OR DISTURBANCE TO OCCUPANTS. IMPLEMENT SAFETY CONTROLS DURING DEMOLITION/CONSTRUCTION WORK, AS 6. 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 PROCEDING 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 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 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 DRNA 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 18. PROVIDE DOCUMENTATION ON PROCEDURES AND EXECUTION. 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 -OR 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 ALL INSTALLATIONS SHALL BE EXPOSED UNLESS OTHERWISE INDICATED. EXPOSED CONDUITS SHALL BE SUPPORTED BY MEANS OF ONE BOLT CLAMP SPACED NOT FURTHER THAN 7'-6" APART AN EXPOSED WORK CONDULET SHALL BE USED FOR ALL 90 BENDS. ALL NON-GALVANIZED METAL PARTS SHALL BE GIVEN ONE COAT OF RED OXIDE 9. 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 12. 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 THROUGHT THE INSTALLATION BY THE USE OF WHITE COLOR COVERED LIVE WIRES WITHIN THE SAME CONDUIT SHALL BE COLOR CODED AS PER N.E.C. RECEPTACLES AND LIGHTING CIRCUITS SHALL BE #12 THHN WIRE AND SHALL BE 14. 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.

INSTALLATION SHALL BE "FS" TYPE.

MATERIALS AND/OR EQUIPMENT.

REGULATIONS OF THE N.E.C. AND LUMA.

ALL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE LATEST RULES AND

NUMBERS AND COMPLETE SPECIFICATIONS AND DRAWINGS FOR APPROVAL OF

ALL BOXES FOR RECEPTACLES & LIGHTING SWITCHES FOR EXPOSED

A LIST OF MATERIALS AND EQUIPMENT GIVING MANUFACTURER CATALOG

P.R.I.D.C.O. SHALL BE SUBMITTED PRIOR TO THE PURCHASING OF SAID

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
- THE PLUMBING DRAWING IS GENERALLY DIAGRAMATTIC 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
- FOR ALL UNDERGROUND SANITARY AND STORM DRAINAGE USE: PVC POLYVINYL 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
- 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.

SERVICES. FLOOR SLEEVES ARE TO PROJECT 2" ABOVE FINISHED FLOORS.

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 DRAWINGS 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
- 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 ANDCONVEY 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
- 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, 15 TH 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

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
- FOR THE REPAIR OF AREAS AFFECTED BY CORROSION, ICRI NO. 03730 GUIDELINE FOR SURFACE PREPARATION FOR THE REPAIR OF DETERIORATED CONCRETE RESULTING FROM REINFORCING STEEL CORROSION SHOULD BE FOLLOWED. BEFORE COMMENCING ANY CONCRETE REPAIR WORK, THE REPAIR DETAILS PRESENTED IN THE DRAWINGS SHALL BE
- 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.

REVIEWED. IN CASE OF DOUBT WITH THE REPAIR DETAILS PRESENTED, CONTACT THE ARCHITECT OR ENGINEER OF

STRUCTURAL NOTES ON CAST-IN-PLACE CONCRETE:

PORTLAND CEMENT SHALL BE TYPE II.

OTHER STRUCTURES, ASCE/SEI 7-16

- 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 COMMOM 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 FARTH: 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. AWS 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 BEEXPOSED, DE-SLAG, CLEAN AND TOUCH UP WELDS 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 ATTACHMENTAND 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 PLANE 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 FOUIPMENT. 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:
 - 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.
- 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 TASK 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

GENERAL DRAWING SYMBOLS:

ABBREVIATIONS:

CENTER TO CENTER

CORRIDOR

CORROSION

ELEVATION

FLOOR DRAIN

FINISH(ED)

HARDWARE

INTERIOR

MASONRY

MINIMUM

MOUNTED

MECHANICAL

JANITOR CLOSET

NOT IN CONTRACT

NOT APPLICABLE

ON CENTER

ROOF DRAIN

SMOOTH CEMENT PLASTER

UNLESS OTHERWISE NOTED

STAINLESS STEEL

STORM SEWER

TOP OF MASONRY

DROP MANHOLE

VERIFY IN FIELD NATIONAL ELECTRIC CODE

TOP OF STEEL

TELEPHONE

THICK

TYPICAL

MANHOLE

STRUCTURAL

REQUIRED

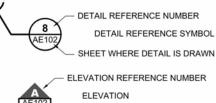
CONCRETE MASONRY UNIT

FINISH FLOOR ELEVATIONS

FINISH FLOOR LEVEL

NEW CONCRETE BLOCK WALL 6" OR 8" NEW PLYCEM BOARD WAL

--- MATCH LINE HIDDEN OUTLINE (SHOWING CONDITION BELOW, ABOVE OR BEHIND AS INDICATED.



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

ELEVATION REFERENCE NUMBER



DOOR SYMBOL

WINDOW SYMBOL KEY NOTE EQUIPMENT SYMBOL

RISER SYMBOL



THE ASBESTOS ABATEMENT SHALL INCLUDE, BUT NOT BE LIMITED TO THE

FOLLOWING (IF APPLICABLE. REFER TO GENERAL NOTES #15.):

CONSTRUCTION OF TEMPORARY CONTAINMENT

BARRIER/DECONTAMINATION ENCLOSURES

DECONTAMINATION AND CLEANING

PREPARATION FOR ABATEMENT OPERATIONS

APPLICATION OF LOCKDOWN ENCAPSULANTS

NOTIFICATION TO REGULATORY AGENCIES

WORKER HEALTH AND SAFETY PROGRAM

PREPARATION FOR ABATEMENT OPERATIONS

CONTAINMENT AND DECONTAMINATION UNIT

AND DECONTAMINATION UNIT

THE SAFETY OF ITS EMPLOYEES

NECESSARY FOR CONDUCTING THE

DECONTAMINATION AND CLEANING

FINAL JOB CLOSE-OUT

REGULATORY PERMITS, LICENSES, AND APPROVALS

REGULATORY PERMITS, LICENSES AND APPROVALS

REMOVAL OF EXISTING ASBESTOS-CONTAINING MATERIAL

TRANSPORT AND DISPOSAL OF ASBESTOS-CONTAINING MATERIAL

ABATEMENT OF LEAD-BASED PAINT AND LEAD-BASED PAINT HAZARDS GENERAL

ITEMS INCLUDE, BUT NOT LIMITED TO (IF APPLICABLE. REFER TO GENERAL

REMOVAL OF TEMPORARY CONTAINMENT BARRIER/DECONTAMINATION

ESTABLISHING ENGINEERING CONTROLS TO PREVENT MIGRATION OF LEAD

IN AIR FROM THE WORK AREA; INCLUDES CONSTRUCTION OF CONTAINMENT

PERSONAL AIR MONITORING AS REQUIRED BY REGULATORY AGENCIES FOR

TRANSPORT AND DISPOSAL OF LEAD-CONTAINING OR LEAD-CONTAMINATED

PERFORMANCE OF INCIDENTAL MECHANICAL AND ELECTRICAL WORK

REMOVAL OF ENGINEERING CONTROLS, INCLUDING TEARDOWN OF

ABATEMENT OF EXISTING LEAD-BASED PAINT OWNER BUILDING

NOTIFICATION TO REGULATORY AGENCIES

WORKER HEALTH AND SAFETY PROGRAM

AIR MONITORING

FNCLOSURES

MATERIAL

FINAL JOB CLOSE-OUT

ABOVE FINISHED FLOOR AIR CONDITIONING ALUMINUM

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ISSUE FOR BID

NOVEMBER 30, 2023

PROFESSIONAL OF RECORD

DISCIPLINE INFORMATION:

PROFESSIONAL'S STATEMENT:

PRINCIPAL CAD TECHNICIAN

YO, ANNETTE ALFONSO NUM. LIC. 12304

CERTIFICO QUE SOY EL PROFESIONAL QUE ICONFECCIONÓ, DISEÑÓ O PREPARÓI ESTOS PLANOS LAS ESPECIFICACIONES COMPLEMENTARIA TAMBIÉN. CERTIFICO QUE ENTIENDO QUE DICHOS 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 JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LAPREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE ENERO DE 2004. SEGÚN ENMENDADA. CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA ILEY NÚM. 319 DE 15 DE MAYO DE 1938. SEGÚN ENMENDADA: R LEY NÚM. 96 DE 6 DE JULIO DE 1978. SEGÚN ENMENDADA; SEGÚN APLIQUE]. RECONOZCO QUE

PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

> PRIDCO DAMAGE IMPROVEMENTS **NORTH REGION STAGE 1** BID PACKAGE N1-2 **PW: 8004 / COROZAL**

> CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN

POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS

DE LOS HECHOS QUE SE HAYA PRODUCIDO POR

DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA

TE ISSUE DESCRIPTION

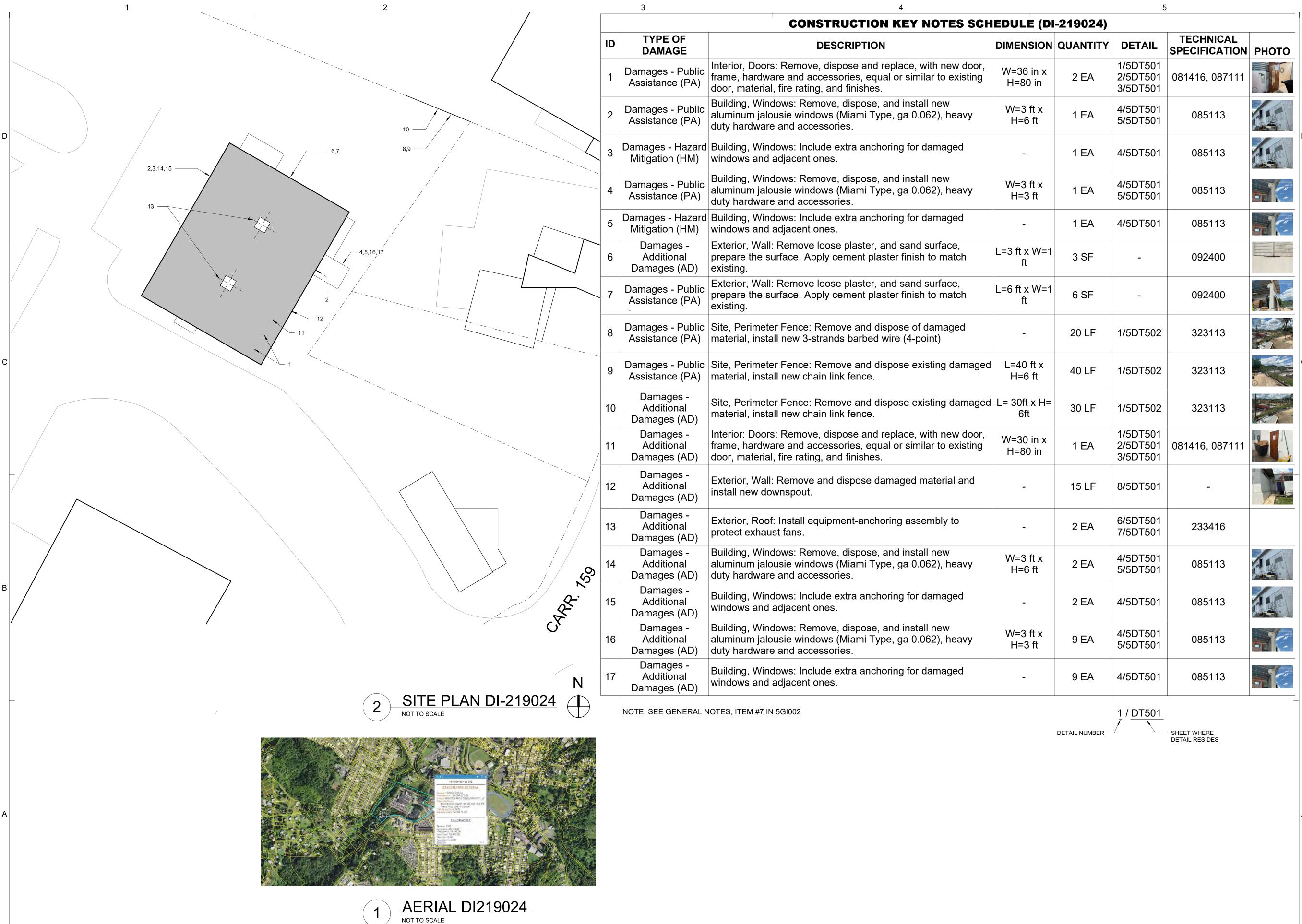
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GENERAL NOTES, ABBREVIATIONS AND LEGEND

SCALE:

DELIVERY DATE: PROJECT NUMBER: 21-0258-02 PRINT DATE & TIME BIM FILE NAME: 7/5/2024 5:11:58 PM DRAWING / MODEL LOCATION

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ISSUE FOR BID

NOVEMBER 30, 2023

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PROFESSIONAL OF RECORD

STAFF DESIGNER:

Q.C. AUDITOR:
PRINCIPAL CAD TECHNICIAN

TRINGII AL GAD TEGINICIAN.

YO, ANNETTE ALFONSO

NUM. LIC. 12304

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CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN LAPREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE

ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA COMO LA "LEY PARA LA INVERSIÓN POR LA INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM. 319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; BLEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE]. RECONOZCO QUE CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA

CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS PERSONAS CON MI CONOCIMIENTO, ME HACEN RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

PROJECT:
PRIDCO DAMAGE IMPROVEMENTS
NORTH REGION STAGE 1
BID PACKAGE N1-2

PW: 8004 / COROZAL

DATE ISSUE DESCRIPTION

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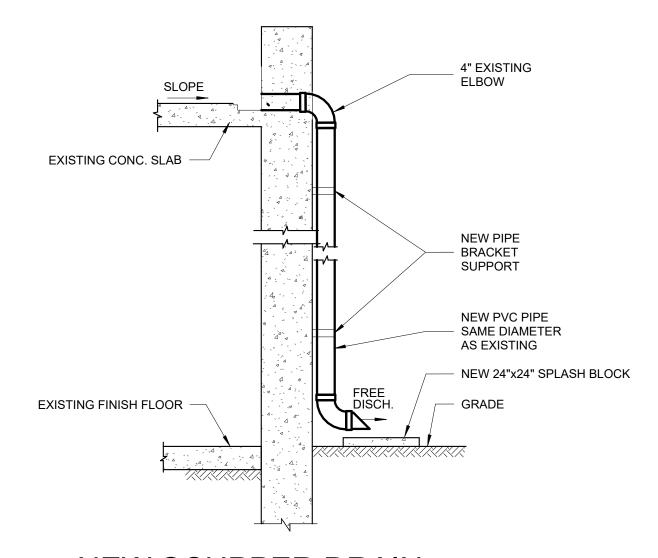
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DELIVERY DATE: PROJECT NUMBER: 21-0258-02

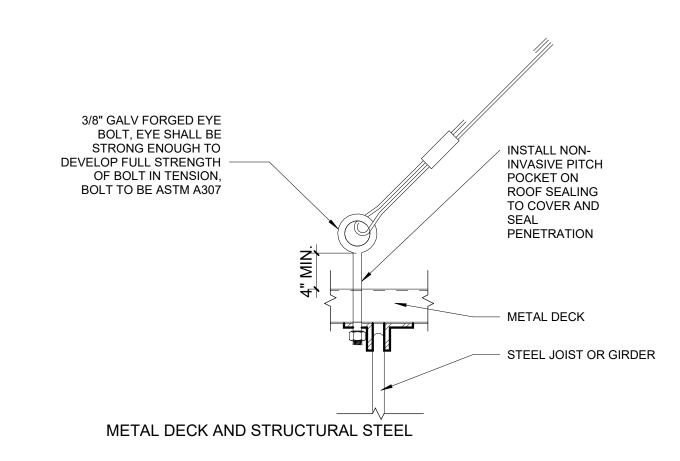
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DRAWING / MODEL LOCATION:

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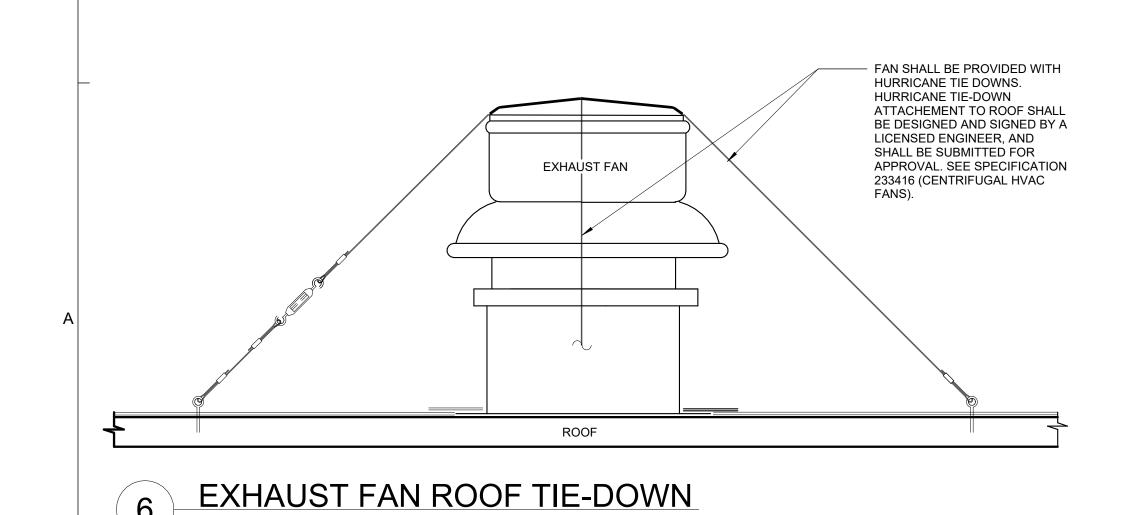


NEW SCUPPER DRAIN DETAIL-DOWNSPOUT ADAPTER



EXHAUST FAN ROOF TIE-DOWN ROOF ANCHOR DETAIL - METAL DECK

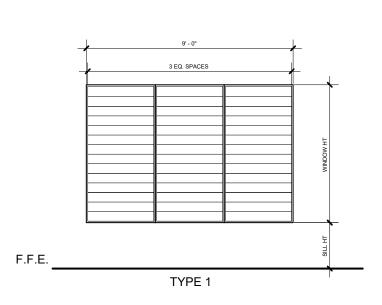
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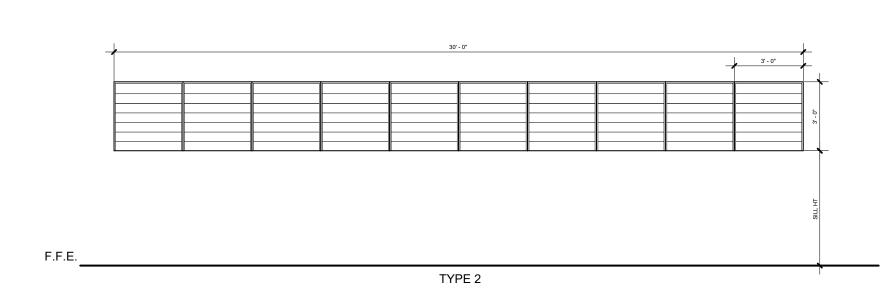


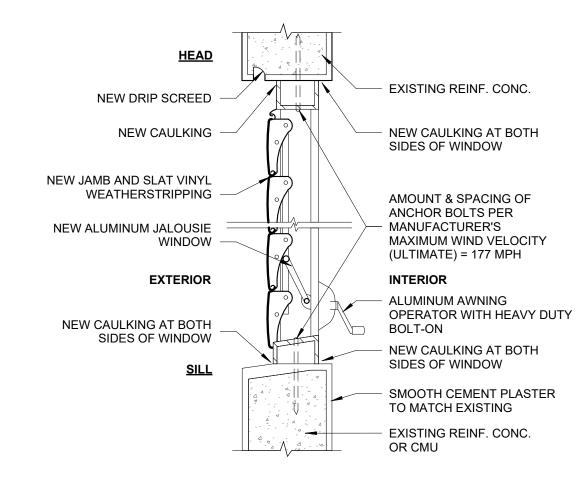
	DOOR TYPES										
	OPENING		DOOR SIZE			GAUGE				MATERIAL	
TYPE	WIDTH	HEIGHT	WIDTH	HEIGHT	THICKNESS	DOOR	FRAME	LOUVERS	FIRE RATING	DOOR	FRAME
WFL	3' - 0"	7' - 0"	2' - 6"	6' - 8"	1 3/4"	-	16	-	1HR	SOLID WOOD	HOLLOW METAL

	WINDOW TYPES								
	OPE	NING		SILL HEIGHT	MATERIAL				
TYPE	WIDTH	HEIGHT	UNITS PER OPENING		WINDOW	FRAME			
1	9'-0"	5'-0"	3	3' - 0"	0.062-GAUGE MIAMI TYPE	ALUMINUM			
2	30'-0"	3'-0"	3	3' - 0"	0.062-GAUGE MIAMI TYPE	ALUMINUM			

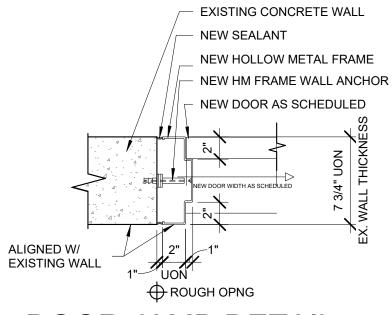
VERIFY DIMENSIONS AT FIELD PRIOR TO FABRICATING AND INSTALLING DOORS AND WINDOWS.

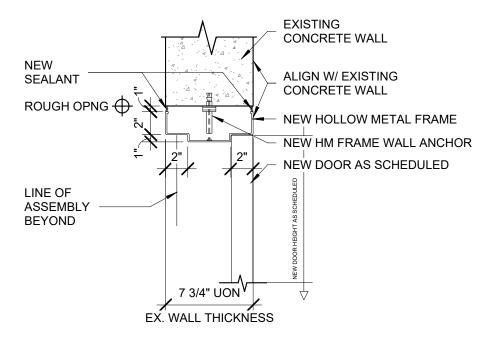




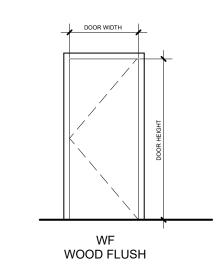








DOOR HEAD DETAIL



TYPICAL DOORS



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R	EV	DATE	DESCRIPTION
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DI	SCIF	PLINE INFO	DRMATION:

PRIME PROFESIONAL:	
PROFESSIONAL OF RECORD:	
STAFF DESIGNER:	

PRINCIPAL CAD TECHNICIAN:

PROFESSIONAL'S STATEMENT:	

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PRIDCO DAMAGE IMPROVEMENTS **NORTH REGION STAGE 1 BID PACKAGE N1-2** PW: 8004 / COROZAL

RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE.

ATE ISSUE DESCRIPTION

DETAILS AND SPECIFICATIONS

DELIVERY DATE:	PROJECT NUMBER:
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DRAWING / MODEL LOCATION:	

5DT501

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. ACORN TOP PUERTO RICO INDUSTRIAL DEVELOMENT COMPANY PRIDCO 1. CHAIN LINK FENCE - INDUSTRIAL TYPE NO.423 2. LINE POSTS 2 1/2" O.D. GALV. - STD.WEIGHT PIPE-3.85 LBS. PER LIN. FT. * * * * * * * * * * **ISSUE FOR BID** 3. TOP RAIL 1 5/8" O.D. GALV. - STD.WEIGHT PIPE-2.27 LBS. PER LIN. FT. (GATE FRAME IDEM.) ALUM TOP 4. CORNER POST 3"∅ O.D. GALV. - STD. WEIGHT PIPE - 6.79 LBS. PER LIN. FT. RAIL OR POSTS TIES 5. TENSION WIRE GA. NO.7 GALVANIZED **NOVEMBER 30, 2023** / RAIL OR BRACE END 6. GATE POST 4"O.D. GALV. - STD. WEIGHT PIPE - 9.10 LBS. PER LIN. FT. 7. GALVANIZED CHAIN LINK GA. 9-2"X2"-1.2 OUNCES GALVANIZED AFTER WOOVEN. 8. • TUBULAR STEEL PIPE SHALL BE INSTALLED EVERY 50'- 0" PANEL SPAN (SPAN = 10'- 0") TUBULAR STEEL PIPE SHALL BE INSTALLED EVERY DIRECTIONS CHANGE IN THE FENCE BRACE - TUBULAR STEEL PIPE SHALL BE INSTALLED AT EACH FENCE END PANEL. 9. ALL FITTINGS - EXTRA HEAVY DUTY 10. MILL CERTIFICATE SHALL BE SUBMITTED. DISCIPLINE INFORMATION:
PRIME PROFESIONAL: TENSION BAR PROFESSIONAL OF RECORD: BRACE ROD TURNBUCKLE Q.C. AUDITOR: PRINCIPAL CAD TECHNICIAN: FINISHED GRADE LINE **EXPANSION SLEEVE** PROFESSIONAL'S STATEMENT: COUPLINGS - BRACE BAND NO.6 3 BARBED WIRE NO. 11 FOR TOP RAIL (4 POINTS) YO, ANNETTE ALFONSO EXTENSION ARMS -NUM. LIC. 12304 CERTIFICO QUE SOY EL PROFESIONAL QUE [CONFECCIONÓ, DISEÑÓ O PREPARÓ] ESTOS PLANOS Y LAS ESPECIFICACIONES COMPLEMENTARIAS TAMBIÉN, CERTIFICO QUE ENTIENDO QUE DICHOS PLANOS Y ESPECIFICACIONES CUMPLEN CON LAS DISPOSICIONES APLICABLES DEL REGLAMENTO _ 1-5/8" GALV. TUBULAR STEEL PIPE (TOP RAIL) CONJUNTO Y LAS DISPOSICIONES APLICABLES DE LOS REGLAMENTOS Y CÓDIGOS DE CONSTRUCCIÓN VIGENTES DE LAS AGENCIAS, JUNTAS REGLAMENTADORAS O CORPORACIONES PÚBLICAS CON JURISDICCIÓN. CERTIFICO, ADEMÁS, QUE EN GALVANIZED CHAIN LINK NO.9 LAPREPARACIÓN DE ESTOS PLANOS Y ESPECIFICACION DE ESTOS PLANOS Y
ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE
CON LO DISPUESTO EN LA LEY NÚM. 14 DE 8 DE
ENERO DE 2004, SEGÚN ENMENDADA, CONOCIDA
COMO LA "LEY PARA LA INVERSIÓN POR LA
INDUSTRIA PUERTORRIQUEÑA" Y CON LA [LEY NÚM.
319 DE 15 DE MAYO DE 1938, SEGÚN ENMENDADA; BRACE BAND "A" NOTE NO. 9 - 2 1/2" O.D. GALV. PIPE -B LEY NÚM. 96 DE 6 DE JULIO DE 1978, SEGÚN ENMENDADA; SEGÚN APLIQUE]. RECONOZCO QUE 1" GALV. TUBULAR CUALQUIER DECLARACIÓN FALSA O FALSIFICACIÓN BAND AND LINK NO. 12 STEEL PIPE DE LOS HECHOS QUE SE HAYA PRODUCIDO POR DESCONOCIMIENTO O POR NEGLIGENCIA YA SEA TENSION BAND "B" POR MÍ, MIS AGENTES O EMPLEADOS, O POR OTRAS TENSION WIRE FINISHED 3"Ø OUTSIDE DIAM. GRADE PERSONAS CON MI CONOCIMIENTO, ME HACEN GALV. PIPE RESPONSABLE DE CUALQUIER ACCIÓN JUDICIAL Y DISCIPLINARIA POR LA OGPE. UPPER GATE HINGE LOWER GATE HINGE GALVANIZED CHAIN PRIDCO DAMAGE IMPROVEMENTS LINK NO. 9 **NORTH REGION STAGE 1 BID PACKAGE N1-2** 12"x12" 8"x8" PW: 8004 / COROZAL CONCRETE CONCRETE BASE E ISSUE DESCRIPTION 10'-0" C. TO C. (MAX. TYPICAL) 10'-0" C. TO C. (MAX. TYPICAL) DETAILS AND SPECIFICATIONS CHAIN LINK FENCE PARTIAL ELEVATION (ALONG PROPERTY LIMITS) **INSTALLATION DETAILS FOR CHAIN LINK FENCE & GATES** CHAIN LINK FENCE WITH BARBED DELIVERY DATE: PROJECT NUMBER: 21-0258-02 PRINT DATE & TIME: BIM FILE NAME: 7/5/2024 5:12:04 PM DRAWING / MODEL LOCATION: NOT TO SCALE 5DT502