NOTE: DRAWING SCALE FOR PLAN SET ONLY
ACCURATE ON "D" SIZE PRINTS.

U.S. EMBASSY ABIDJAN, COTE D'IVOIRE
LOCAL CONTRACTOR PACKAGE
100% DESIGN SUBMISSION ABIDJAN–PME–20012
10/07/2020

APPROVED

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SYMBOLS AND ABBREVIATIONS	C1.02
SCOPE OF WORK (SOW)	C1.03
SITE PLAN – DEMOLITION	C2.01D
SITE PLAN – NEW WORK	C2.01
DETAILS	C5.01

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LOCAL CONTRACTOR PACKAGE
ABIDJAN, IVORY COAST
ABIDJAN-PME-20012

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SYMBOLS

———	CONDUIT (NEW OR DEMOLITION)
——— (U) ———	UNDER FLOOR OR GROUND CONDUIT (NEW OR DEMOLITION)
—o	CONDUIT UP
—⊐	CONDUIT CAP
HH	HANDHOLE
MH	MANHOLE
⊗—•	POLE AND MOUNT

ABBREVIATIONS

A	AMPERE
AC	ALTERNATING CURRENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AMP	AMPERE
APPROX	APPROXIMATE(LY)
ARCH	ARCHITECT(URAL)
ATC	ACOUSTICAL TILE CEILING
AUTO	AUTOMATIC
AUX	AUXILIARY
AVG	AVERAGE
AVR	AUTOMATIC VOLTAGE REGULATOR
AWG	AMERICAN WIRE GAUGE
BFC	BELOW FINISHED CEILING
BFF	BELOW FINISHED FLOOR
BFG	BELOW FINISHED GRADE
BLDG	BUILDING
BSMT	BASEMENT
C	CONDUIT/COMMON
CAA	CONTROLLED ACCESS AREA
CAC	COMPOUND ACCESS CONTROL
CAM	CAMERA
CAT	CATALOG
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CDU	CABINET POWER DISTRIBUTION UNIT
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CFE	CONTRACTOR FURNISHED EQUIPMENT
CKT	CIRCUIT
CLG	CEILING
CLO	COMMUNITY LIAISON OFFICE
COL	COLUMN
COM	COMMON
CONF	CONFERENCE
CONT	CONTINUE, CONTINUOUS
DAO	DEFENSE ATTACHE OFFICE
DB	DECIBEL, DIRECT BURIAL
DC	DIRECT CURRENT
DCM	DEPUTY CHIEF OF MISSION
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DPDT	DOUBLE POLE DOUBLE THROW
DPST	DOUBLE POLE SINGLE THROW
DOS	UNITED STATES DEPARTMENT OF STATE
DVR	DIGITAL VIDEO RECORDER
DWG	DRAWING
E	EAST
(E)	EXISTING
EA	EACH
EG	EQUIPMENT GROUND
EL	ELEVATION
ELEC	ELECTRIC(AL)
EMT	ELECTRICAL METALLIC TUBING
ENS	EMERGENCY NOTIFICATION SYSTEM
EOL	END OF LINE
EQ	EQUAL
EQUIP	EQUIPMENT
ESC	ENGINEERING SECURITY CENTER
ESO	ENGINEERING SECURITY OFFICE
ETC	ET CETERA
EXT	EXTERIOR
FA	FIRE ALARM
FLEX	FLEXIBLE
FMC	FLEXIBLE METAL CONDUIT
FSE	FACILITY SECURITY ENGINEERING DIVISION
FSS	FUSED SAFETY SWITCH
FT	FEET, FOOT
GA	GAUGE
GALV	GALVANIZED
GFCI	GROUND FAULT CKT INTERRUPTER
GFE	GOVERNMENT FURNISHED EQUIPMENT
GFGI	GOVERNMENT FURNISHED GOVERNMENT INSTALLED
GOVT	GOVERNMENT
GRND	GROUND
GSA	GENERAL SERVICES ADMINISTRATION
GSO	GENERAL SERVICES OFFICE
GTM	GOVERNMENT TECHNICAL MONITOR
GYM	GYMNASIUM
H, HT	HEIGHT
HDW	HARDWARE
HEX	HEXAGONAL
HH	HANDHOLE
HOR	HORIZONTAL
HSAS	HIGH SECURITY ALARM SYSTEM
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
IAW	IN ACCORDANCE WITH
ID	INSIDE DIAMETER/IDENTIFICATION
IDNS	IMMINENT DANGER NOTIFICATION SYSTEM
INSUL	INSULATION, INSULATED
I/O	INPUT AND OUTPUT
IP	INTERNET PROTOCOL
IRM	INFORMATION RESOURCE MANAGEMENT
ISC	INFORMATION SYSTEM CENTER
JBOX	JUNCTION BOX
KG	KILOGRAM(S)
KO	KNOCKOUT
KW	KILOWATT(S)
L	LENGTH, LONG, LITER(S)
LED	LIGHT EMITTING DIODE
LFMC	LIQUID-TIGHT FLEXIBLE METAL CONDUIT
LRAD	LONG RANGE ACOUSTIC DEVICE
LxWxH	LENGTH x WIDTH x HEIGHT
m	METER
MAX	MAXIMUM
MECH	MECHANICAL
MDP	MAIN DISTRIBUTION PANEL
MED	MEDICAL
MFR	MANUFACTURER
MH	MOUNTING HEIGHT, MANHOLE
MIC	MICROPHONE
MIN	MINIMUM
MISC	MISCELLANEOUS
mm	MILLIMETER
MSGQ	MARINE SECURITY GUARD QUARTERS
MTD	MOUNTED
MTG	MOUNTING
N	NORTH
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFSS	NON-FUSED SAFETY SWITCH
NO	NORMALLY OPEN
NOM	NOMINAL
NSTISSI	NATIONAL SECURITY TELECOMMUNICATIONS AND INFORMATION SECURITY INSTRUCTION
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OSC	OPEN SOURCE CENTER
P	POWER
PAC	PEDESTRIAN ACCESS CONTROL
PB	PULL BOX
PDS	PROTECTED DISTRIBUTION SYSTEMS
PIR	PASSIVE INFRARED
PME	PROJECT MANAGEMENT AND ENGINEERING
PMO	POST MANAGEMENT OFFICE
POL/ECON	POLITICAL AND ECONOMICS OFFICE
PWR	POWER
PNL	PANEL
PRELIM	PRELIMINARY
PSO	POST SECURITY OFFICER
PSU	POWER SUPPLY UNIT
PTZ	PAN TILT ZOOM
PVC	POLY VINYL CHLORIDE
QAL	QUALITY ASSURANCE AND LIAISON
R	RADIUS, RISER
RECPT	RECEPTACLE
REINF	REINFORCEMENT
REG	REGULATOR
REQD	REQUIRED
REV	REVISION
RFC	READY MIX FIRECOMPOUND
RFI	REQUEST FOR INFORMATION
RGS	RIGID GALVANIZED STEEL
RM	ROOM
RMS	ROOT MEAN SQUARE
RSO	REGIONAL SECURITY OFFICER
S	SIGNAL, SOUTH
SCH	SCHEDULE
SECT	SECTION
SEO	SECURITY ENGINEERING OFFICER
SH	SHIELD
SHT	SHEET
SIC	SECURITY INTERFACE CABINET
SMSe	SECURITY MANAGEMENT SYSTEM ENTERPRISE
SPD	SURGE PROTECTION DEVICE
SPDT	SINGLE POLE DOUBLE THROW
SPEC	SPECIFICATION
SQ	SQUARE
STS	SECURITY TECHNICAL SPECIALIST
SUSP	SUSPENDED
SW	SWITCH
TB	TERMINAL BLOCKS
TDB	TECHNOLOGY DEVELOPMENT BRANCH
TEMP	TEMPORARY, TEMPERATURE
THHN	THERMOPLASTIC HIGH HEAT RESISTANT NYLON
THRU	THROUGH
TYP	TYPICAL
U	UNSHIELDED
(U)	UNDERGROUND
UFAS	UNIFORM FEDERAL ACCESSIBILITY STANDARDS
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLT(S)
VERT	VERTICAL
W	WIDTH, WIDE, WEST, WATT(S)
W/	WITH
W/O	WITHOUT
WT	WEIGHT
WTMD	WALK THROUGH METAL DETECTOR
ZN	ZONE
±	PLUS/MINUS

NOTE:

NOT ALL SYMBOLS AND ABBREVIATIONS LISTED ARE APPLICABLE TO THIS DRAWING PACKAGE.

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LOCAL CONTRACTOR PACKAGE
ABIDJAN, IVORY COAST
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SCOPE OF WORK (SOW)

THE CONTRACTING OFFICER REPRESENTATIVE (HEREAFTER REFERRED TO AS POST) WILL RETAIN THE SERVICES OF A LOCAL CONTRACTOR TO PERFORM THE BELOW SCOPE OF WORK. POST WILL HANDLE ALL THE CONTRACT LEGAL REQUIREMENTS WITH THE LOCAL CONTRACTOR. DS/FSE/PME (HEREAFTER REFERRED TO AS PME) WILL PROVIDE THE DESIGN DRAWINGS AND SCOPE OF WORK.

THIS DOCUMENT OUTLINES THE SCOPE OF WORK AND SPECIFICATIONS FOR THE LOCAL CONTRACTOR AS FOLLOWS:

1. GENERAL

1.A. DESIGN DRAWINGS AND SPECIFICATIONS

PME WILL PROVIDE THE DESIGN PACKAGE AND SPECIFICATIONS FOR THE LOCAL CONTRACTOR TO BUILD THE INTERIOR WALL AND INSTALL DOOR AS WELL AS INSTALL THE POLES AND THE INFRASTRUCTURE FOR THE HANDHOLES, PULL BOXES, AND UNDERGROUND CONDUIT AS OUTLINED IN THIS DRAWING PACKAGE.

SOLICITATION AWARD AND IMPLEMENTATION OF THIS LOCAL CONTRACTOR PACKAGE MUST MEET THE REQUIREMENTS DESCRIBED IN THE PROVIDED POST REQUEST MEMO.

IT IS THE LOCAL CONTRACTORS RESPONSIBILITY TO REVIEW AND UNDERSTAND THE WORK INVOLVED AND WHAT IS REQUIRED TO COMPLETE THE PROJECT. IF ANY ERROR OR INCONSISTENCIES ARE FOUND ON THE DRAWINGS, LOCAL CONTRACTOR WILL BRING THESE TO THE ATTENTION OF POST AND/OR PME.

LOCAL CONTRACTOR SHALL HAVE A RESIDENT REGISTERED/CERTIFIED/LICENSED CIVIL ENGINEER OR GRADUATE ARCHITECT ON SITE OR A QUALIFIED CONSTRUCTION SUPERVISOR AT ALL TIMES, WHO SHOULD HAVE AT LEAST TWO YEARS EXPERIENCE IN SIMILAR WORK AND CAN SPEAK, WRITE AND READ ENGLISH AT A MODERATE OR HIGHER LEVEL. LOCAL CONTRACTOR SHALL SUBMIT THE CURRICULUM VITAE OF THE RESIDENT ENGINEER TO THE EMBASSY COMPOUND FOR APPROVAL.

LOCAL CONTRACTOR WILL PROVIDE A DETAILED PROJECT SCHEDULE, WITH START AND END DATES FOR WORK ACTIVITIES AND STATING A CRITICAL PATH.

LOCAL CONTRACTOR WILL PROVIDE POST WITH WEEKLY WORK PROGRESS REPORTS AND CONSTRUCTION SCHEDULE UPDATES DURING THE DURATION OF THE PROJECT.

POST WILL HAVE FINAL APPROVAL OF ALL WORK PERFORMED BY LOCAL CONTRACTOR.

1.B. MATERIALS

1.B.1. PME PROVIDED MATERIALS

PME WILL PROVIDE ALL MATERIALS FOR THIS DESIGN PACKAGE, UNLESS NOTED OTHERWISE WITHIN THE DOCUMENT.

1.C. CODES AND GUIDELINES

ALL WORK SHALL BE ACCOMPLISHED AS PER THE FOLLOWING CODES AND GUIDELINES.

1. 2015 INTERNATIONAL FIRE CODE (IFC) AND 2014 NATIONAL ELECTRICAL CODE (NEC).
2. 2019 OBO DESIGN STANDARDS (2015 INTERNATIONAL CODES AS ADOPTED AND AMENDED).
3. DS SECURITY ENGINEERING APPLICATION GUIDELINES.
4. 1990 AMERICANS WITH DISABILITIES ACT.
5. ASCE/SEI 7–16 MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES.

1.D. DESIGN CRITERIA

1.D.1. RISK CATEGORY

1. OFFICE AND UTILITY BUILDINGS — III
2. ALL OTHER BUILDINGS — II

1.D.2. WIND CRITERIA

1. ULTIMATE DESIGN WIND SPEED
   - A. RISK CATEGORY III — 78 m/s (174 MPH)
   - B. RISK CATEGORY II — 73 m/s (163 MPH)
2. EXPOSURE — C

1.D.3. SEISMIC CRITERIA

1. MCE SPECTRAL RESPONSE ACCELERATIONS (MCEr)
   - A. SHORT PERIOD, S_S — 0.11
   - B. 1–SECOND PERIOD, S_1 — 0.04
2. SEISMIC IMPORTANCE FACTOR
   - A. OFFICE AND UTILITY BUILDINGS — 1.25
   - B. ALL OTHER BUILDINGS — 1.00
3. SITE CLASS — D
4. DESIGN SPECTRAL RESPONSE COEFFICIENTS
   - A. SHORT PERIOD, S_{DS} — 0.11733
   - B. 1–SECOND PERIOD, S_{D1} — 0.096
5. SEISMIC DESIGN CATEGORY — A
6. SEISMIC REQUIREMENTS FOR NON–STRUCTURAL COMPONENTS
   - A. COMPONENT IMPORTANCE FACTOR, I_p 1.0

1.E. SITE AND SAFETY REQUIREMENTS

1.E.1. SITE INSTALLATION OVERSIGHT

INSTALLATION OVERSIGHT, SUPERVISION AND ESCORTING IS THE RESPONSIBILITY OF POST IN ACCORDANCE WITH ANY SITE SPECIFIC SECURITY DIRECTIVES.

1.E.2. SITE PREPARATION

LOCAL CONTRACTOR WILL BE RESPONSIBLE FOR CLEANING AND REMOVING ALL DEBRIS FROM THE EMBASSY COMPOUND TO THE NEAREST AUTHORIZED DUMP FACILITY (AUTHORIZED BY THE TOWN). THE AREAS AFFECTED BY LOCAL CONTRACTOR'S WORK MUST BE RETURNED BACK TO PRE–CONSTRUCTION CONDITIONS AFTER THE WORK IS COMPLETED. (E.G. GRASS, GRAVEL, SIDEWALK, LANDSCAPING, ASPHALT ETC.)

LOCAL CONTRACTOR SHALL LIMIT THE SITE DISTURBANCE TO A MAXIMUM 6 FEET (1829 MM) ON EACH SIDE OF TRENCH. EXCAVATED MATERIAL WILL BE PLACED NEXT TO THE EXCAVATED AREA TO BE USED AS SELECT BACKFILL.

A CONSTRUCTION LAYDOWN AREA. IF NEEDED, WILL BE THE RESPONSIBILITY OF POST TO COORDINATE.

1.E.3. SITE SAFETY

LOCAL CONTRACTOR MUST CLEARLY MARK ALL EXCAVATION WORK ZONES WITH WARNING SIGNS AND YELLOW PLASTIC SAFETY TAPE FIXED TO WOOD POSTS. LOCAL CONTRACTOR MUST COMPLY WITH ALL APPLICABLE SAFETY STANDARDS TO PROTECT THE EMBASSY COMPOUND EMPLOYEES, THE PUBLIC AND LOCAL CONTRACTOR WORKERS FROM INJURIES AND ACCIDENTS. LOCAL CONTRACTOR WILL BE HELD LIABLE FOR INJURIES OR ACCIDENTS SUSTAINED DUE TO NEGLIGENCE BY LOCAL CONTRACTOR DURING THE COURSE OF THIS PROJECT.

1.E.4. PROTECTION OF THE EMBASSY COMPOUND EQUIPMENT

LOCAL CONTRACTOR MUST MAKE SURE THAT THE EMBASSY COMPOUND EQUIPMENT AND PROPERTY IN THE WORK ZONE OR SURROUNDING AREAS ARE PROTECTED TO PREVENT THEM FROM GETTING DAMAGED DURING CONSTRUCTION. SHOULD ANY REPAIR OR CHANGE HAVE TO BE DONE DUE NEGLIGENCE BY LOCAL CONTRACTOR OR ITS WORKERS, LOCAL CONTRACTOR WILL BE RESPONSIBLE FOR THE COSTS INCURRED IN THE REPAIR.

LOCAL CONTRACTOR MUST KEEP ALL DEBRIS AND EXCAVATED MATERIAL CLEAR OF SERVICE NETWORK DRAINS, COVERS AND SUMPS NEAR THE TRENCHES, TO PREVENT CLOGS OR DAMAGE.

1.E.5. THE EMBASSY COMPOUND SECURITY REQUIREMENTS

TO BE DETERMINED BY THE REGIONAL SECURITY OFFICER.

2. INFRASTRUCTURE SUPPORT SYSTEM

2.A. HANDHOLE/UNDERGROUND CONDUIT SYSTEM

2.A.1. TRENCH

LOCAL CONTRACTOR WILL VERIFY EXISTING UTILITIES AND PROVIDE AS–BUILT DRAWINGS PRIOR TO EXCAVATING OF TRENCH. IF THE EXCAVATION WORK INTERFERES WITH DRAIN OR PIPING, THE LOCAL CONTRACTOR SHALL INFORM POST AND PROVIDE SUITABLE PROTECTION FOR THESE STRUCTURES PRIOR TO PROCEEDING WITH THE WORK. IF EXCAVATION CANNOT PROCEED DUE TO EXISTING OBSTACLES THEN POST WILL PROVIDE A NEW CONDUIT ROUTE.

ALL TRENCHES WILL BE EXCAVATED TO THE REQUIRED DEPTH ACCORDING TO SPECIFICATIONS SHOWN ON DRAWINGS.

2.A.2. HANDHOLE (WITH DRAINAGE)

LOCKABLE HANDHOLES WILL BE INSTALLED BY THE LOCAL CONTRACTOR AS SPECIFIED ON DETAIL DRAWINGS.

LOCAL CONTRACTOR WILL MAKE HOLE PENETRATIONS TO THE EXISTING MANHOLES ACCORDING TO NUMBER OF CONDUITS ENTERING AND EXITING THE MANHOLE.

THE BASE OF THE HANDHOLES SHALL BE PLACED OVER A BASE OF CRUSHED NON–POROUS ROCK OR GRAVEL AND SAND. THE GRAVEL SIZE SHALL NOT EXCEED 1/2 INCH (13MM).

2.A.3. CONDUIT

ALL EXISTING CONDUIT SHALL BE LEFT IN PLACE UNLESS NOTED OTHERWISE ON THE DESIGN DRAWINGS.

UNDER GRASS, DIRT, SIDEWALK OR ASPHALT, INSTALL SCHEDULE 80 PVC CONDUIT 24 INCHES (610MM) BELOW FINISH GRADE TO THE TOP OF THE CONDUIT AS SPECIFIED ON THE DRAWINGS.

ALL UNDERGROUND 90 DEGREE BENDS WITH A 12 INCH (305MM) RADIUS SHALL BE MADE WITH PRE–FABRICATED 90 DEGREE SWEEPING BEND.

ALL UNDERGROUND CONDUIT SHALL BE CONVERTED FROM SCHEDULE 80 PVC TO RGS ABOVE GROUND USING PVC TO RGS COUPLERS.

LOCAL CONTRACTOR SHALL LEAVE A PULL LINE IN ALL INSTALLED CONDUIT PATHS.

LOCAL CONTRACTOR WILL INSTALL THE CONDUIT FROM THE HANDHOLE TO HANDHOLE OR THE EXTERIOR JUNCTION BOX AS SHOWN ON DRAWINGS.

ALL CONDUIT STUBBED AND CAPPED ABOVE THE GROUND SHALL BE AT A HEIGHT OF NO LESS THAN 12" (305mm) FROM THE GROUND. WHEN THE STUBBED CONDUIT IS NEAR A WALL OR POLE IT MUST BE AT A LEAST 2" (51mm) FROM THE WALL OR POLE TO ALLOW FOR BOX MOUNTING.

2.A.4. JUNCTION BOXES

LOCAL CONTRACTOR WILL INSTALL JUNCTION BOXES IN ALL LOCATIONS SHOWN ON DRAWINGS.

2.A.5. ACCESS PANELS

LOCAL CONTRACTOR WILL INSTALL ACCESS PANELS IN ALL LOCATIONS SHOWN ON DRAWINGS.

2.A.6. BUILDING PENETRATIONS

LOCAL CONTRACTOR WILL MAKE PENETRATIONS WHERE REQUIRED AS SHOWN ON DRAWINGS.

PENETRATIONS SHALL NOT REDUCE STRUCTURAL CAPACITY OR SERVICEABILITY PERFORMANCE.

2.A.7. CONCRETE

LOCAL CONTRACTOR WILL PROVIDE LABOR AND MATERIALS TO REPAIR CONCRETE WHERE DISTURBED. CONCRETE COLOR, TYPE AND THICKNESS SHALL MATCH EXISTING.

CONCRETE USED SHALL BE 25MPA.

CONCRETE MAY NOT BE POURED IF WEATHER CONDITIONS DO NOT PERMIT.

APPROVAL FROM POST MUST BE OBTAINED 24 HOURS PRIOR TO POURING OF CONCRETE. POST AND LOCAL CONTRACTOR CREW SUPERVISOR MUST BE PRESENT DURING THE POURING OF CONCRETE.

CONCRETE PLACEMENT

COMPLY WITH REQUIREMENTS AND WITH RECOMMENDATIONS IN ACI 304R FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE.

CONSOLIDATE CONCRETE BY MECHANICAL VIBRATING EQUIPMENT SUPPLEMENTED BY HAND–SPADING, RODDING, OR TAMPING. USE EQUIPMENT AND PROCEDURES TO CONSOLIDATE SCREED PAVEMENT SURFACES WITH A STRAIGHTEDGE AND STRIKE OFF. COMMENCE INITIAL FLOATING USING BULL FLOATS OR DARBIES TO FORM AN OPEN TEXTURED AND UNIFORM SURFACE PLANE BEFORE EXCESS MOISTURE OR BLEED WATER APPEARS ON THE SURFACE. DO NOT FURTHER DISTURB CONCRETE SURFACES BEFORE BEGINNING FINISHING OPERATIONS OR SPREADING DRY–SHAKE SURFACE TREATMENTS.

CONCRETE FINISHING

GENERAL: WETTING OF CONCRETE SURFACES DURING SCREEDING, INITIAL FLOATING, OR FINISHING OPERATIONS IS PROHIBITED.

FLOAT FINISH: BEGIN THE SECOND FLOATING OPERATION WHEN BLEED–WATER SHEEN HAS DISAPPEARED AND THE CONCRETE SURFACE HAS STIFFENED SUFFICIENTLY TO PERMIT OPERATIONS. FLOAT SURFACE WITH POWER–DRIVEN FLOATS, OR BY HAND FLOATING IF AREA IS SMALL OR INACCESSIBLE TO POWER UNITS. FINISH SURFACES TO TRUE PLANES. CUT DOWN HIGH SPOTS, AND FILL LOW SPOTS. REFLOAT SURFACE IMMEDIATELY TO UNIFORM GRANULAR TEXTURE

- BURLAP FINISH: DRAG A SEAMLESS STRIP OF DAMP BURLAP ACROSS FLOAT–FINISHED CONCRETE, PERPENDICULAR TO LINE OF TRAFFIC, TO PROVIDE A UNIFORM, GRITTY TEXTURE.
- MEDIUM–TO–FINE–TEXTURED BROOM FINISH: DRAW A SOFT BRISTLE BROOM ACROSS FLOAT–FINISHED CONCRETE SURFACE PERPENDICULAR TO LINE OF TRAFFIC TO PROVIDE A UNIFORM, FINE–LINE TEXTURE.
- MEDIUM–TO–COARSE–TEXTURED BROOM FINISH: PROVIDE A COARSE FINISH BY STRIATING FLOAT–FINISHED CONCRETE SURFACE 1/16–INCH (1.6MM) TO 1/8–INCHES (3MM) DEEP WITH A STIFF–BRISTLED BROOM, PERPENDICULAR TO LINE OF TRAFFIC.

2.A.8. SOIL MATERIALS

LOCAL CONTRACTOR WILL PROVIDE LABOR AND MATERIALS FOR SOIL WHERE DISTRIBUTED.

SELECT BACKFILL: ASTM D 2487 SOIL CLASSIFICATION GROUPS SW, SP, AND SM, OR A COMBINATION OF THESE GROUPS; FREE OF ROCK OR GRAVEL LARGER THAN 3–INCHES (75MM) IN ANY DIMENSION, DEBRIS, WASTE, FROZEN MATERIALS, VEGETATION, AND OTHER DELETERIOUS MATTER.

(ASPHALT/CONCRETE) BASE COURSE: NATURALLY OR ARTIFICIALLY GRADED MIXTURE OF NATURAL OR CRUSHED GRAVEL, CRUSHED STONE, AND NATURAL OR CRUSHED SAND; ASTM D 2940; WITH AT LEAST 95 PERCENT PASSING A 1–1/2–INCH (40MM) SIEVE AND NOT MORE THAN 8 PERCENT PASSING A 1/4–INCH (6.4MM) SIEVE.

BASE GRAVEL: NATURALLY OR ARTIFICIALLY GRADED MIXTURE OF NATURAL OR CRUSHED GRAVEL, CRUSHED STONE, AND NATURAL OR CRUSHED SAND; ASTM D 2940; EXCEPT WITH 100 PERCENT PASSING A 1–INCH (25MM) SIEVE AND NOT MORE THAN 8 PERCENT PASSING A 1/4–INCH (6.4MM) SIEVE.

SAND CUSHION: ASTM C 33; FINE AGGREGATE, NATURAL, OR MANUFACTURED SAND.

COMPACTION OF SOIL BACKFILLS AND FILLS

PLACE BACKFILL AND FILL SOIL MATERIALS IN LAYERS NOT MORE THAN 8–INCHES (203MM) IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT, AND NOT MORE THAN 4–INCHES (102MM) IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND–OPERATED TAMPERS.

PLACE BACKFILL AND FILL SOIL MATERIALS EVENLY ON ALL SIDES OF STRUCTURES TO REQUIRED ELEVATIONS, AND UNIFORMLY ALONG THE FULL LENGTH OF EACH STRUCTURE.

COMPACT SOIL MATERIALS TO NOT LESS THAN THE FOLLOWING PERCENTAGES OF MAXIMUM DRY UNIT WEIGHT ACCORDING TO ASTM D 1557:

- UNDER STRUCTURES, BUILDING SLABS, STEPS, AND PAVEMENTS, SCARIFY AND RE–COMPACT TOP 11–INCHES (280MM) OF EXISTING SUB GRADE AND EACH LAYER OF BACKFILL OR FILL SOIL MATERIAL AT 95 PERCENT.
- UNDER WALKWAYS, SCARIFY AND RE–COMPACT TOP 6–INCHES (152MM) BELOW SUB GRADE AND COMPACT EACH LAYER OF BACKFILL OR FILL SOIL MATERIAL AT 92 PERCENT.
- UNDER LAWN OR UNPAVED AREAS, SCARIFY AND RE–COMPACT TOP 6–INCHES (152MM) BELOW SUB GRADE AND COMPACT EACH LAYER OF BACKFILL OR FILL SOIL MATERIAL AT 85 PERCENT.
- FOR UTILITY TRENCHES, COMPACT EACH LAYER OF INITIAL AND FINAL BACKFILL SOIL MATERIAL AT 85 PERCENT.

2.A.9. INTERIOR WALL AND DOOR

2.A INTERIOR WALL

2.A.1 INSTALLATION

LOCAL CONTRACTOR WILL PROVIDE LABOR AND CONSTRUCTION MATERIALS FOR THIS PROJECT.

INSTALL FINISH CARPENTRY ACCORDING TO DRAWING DETAILS. LEVEL, PLUMB, TRUE AND ALIGNED WITH ADJACENT MATERIALS. USE CONCEALED SHIMS WHERE NECESSARY FOR ALIGNMENT.

ALL FURNISHING WILL BE MOVED AND REINSTALLED TO BEST MATCH PRE–EXISTING CONDITIONS.

1. SCRIBE AND CUT FINISHED CARPENTRY TO FIT ADJOINING WORK.
2. PROVIDE CUT OUTS FOR MECHANICAL AND ELECTRICAL ITEMS THAT PENETRATE FINISHED CARPENTRY.

2.B FASTENERS FOR INTERIOR CARPENTRY

NAILS, SCREWS AND OTHER ANCHORING DEVICES OF TYPE, SIZE, MATERIAL AND FINISH REQUIRED FOR APPLICATION INDICATED TO PROVIDE SECURE ATTACHMENT, CONCEALED WHERE POSSIBLE.

GYPSUM BOARD PATCHING

INSTALL GYPSUM PATCH PANELS WITH SMOOTH SIDE OUT. BUTT PATCH PANEL TOGETHER FOR A LIGHT CONTACT AT EDGES AND ENDS. NOT MORE THAN 1/16–INCHES (1.6MM) OF OPEN SPACE BETWEEN PANELS.

1. ATTACH GYPSUM PANELS TO FRAMING PROVIDED AT OPENING AND CUT OUTS.

APPLY JOINT TAPE OVER GYPSUM BOARD JOINTS AND USE JOINT COMPOUND TO CONCEAL IT.

FINISH SAND AND PAINT WALL TO MATCH EXISTING CONSTRUCTION.

2.D DOOR

INSTALL SOLID CORE WOODEN DOORS AS SPECIFIED WITHIN THIS DESIGN. POST WILL SUPPLY A MORTISE LOCKSET WITH TEMPORARY CORE AND MORTISE CYLINDER FOR THE LOCAL CONTRACTOR TO INSTALL.

CONVERSION SCHEDULE

CONDUIT SIZE (US FOOT)	CONDUIT SIZE (METRIC)
1 INCH	25 MILLIMETERS
2 INCHES	51 MILLIMETERS
3 INCHES	76 MILLIMETERS
4 INCHES	102 MILLIMETERS

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FAX: (703)923-6802

LOCAL CONTRACTOR PACKAGE
ABIDJAN, IVORY COAST
ABIDJAN-PME-20012

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DRAWING TITLE: SCOPE OF WORK (SOW)

PHASE: ☐ 30% ☐ 90% ■ 100% ☐ AS–BUILT

CAD FILE NAME: ABJD103.dwg
DRAWING SCALE: NONE
PROJECT NUMBER: ABIDJAN–PME–20012
DRAWN BY: AH
DESIGNED BY: JC
DATE: 05/22/20
DRAWING NUMBER: C1.03
SHEET 3 OF 6
CLASSIFICATION: UNCLASSIFIED
REV.

1 C2.01D | C2.01D SITE PLAN
SCALE: 1:500

DE/PDE/PME
DEPT. OF STATE
SBU BARCLAY, BOX 1, 34-24
ABIDJAN PLACE, DULLES, VA 20189-3760
TEL: (703)923-6601
FAX: (703)923-6602

LOCAL CONTRACTOR PACKAGE
ABIDJAN, IVORY COAST
ABIDJAN-PME-20012

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GRAPHICAL SCALES

1:200: 0, 2000, 4000, 6000, 8000, 10000 mm; 0, 10', 20', 30'

1:500: 0, 5000, 10000, 15000, 20000, 25000 mm; 0, 25', 50', 75', 150'

DRAWING TITLE
SITE PLAN
DEMOLITION

PHASE
☐ 30%
☐ 90%
■ 100%
☐ AS-BUILT

CAD FILE NAME
ABJD201.dwg

DRAWING SCALE
AS NOTED

PROJECT NUMBER
ABIDJAN-PME-20012

DRAWN BY
AH

DESIGNED BY
JC

DATE
05/22/20

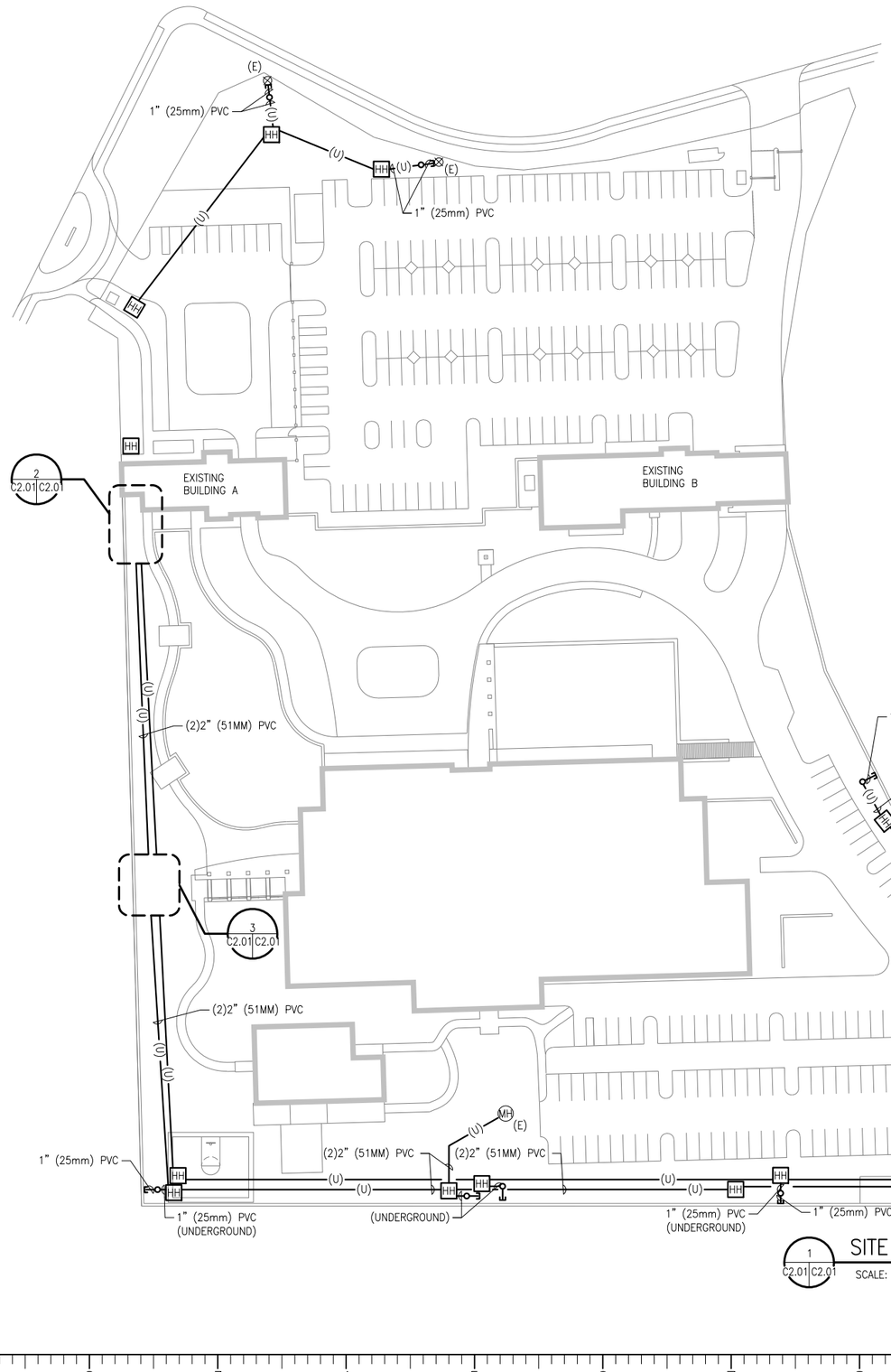
DRAWING NUMBER
C2.01D
SHEET 4 OF 6

CLASSIFICATION
UNCLASSIFIED

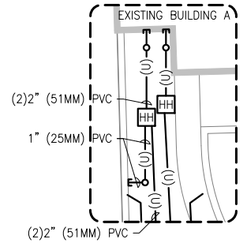
REV.

DRAWING NOTES

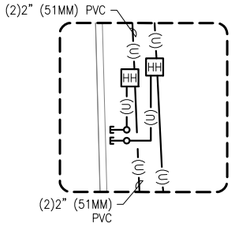
1. ALL CONDUIT IS 2" (51MM) PVC UNLESS NOTED OTHERWISE.



1 C2.01 C2.01 SITE PLAN
SCALE: 1:500



2 C2.01 C2.01 PARTIAL SITE PLAN
SCALE: 1:200



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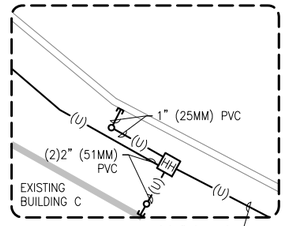
SCALE: 1:200



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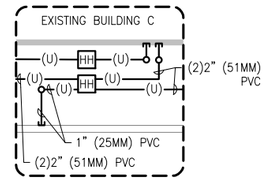
SCALE: 1:200



5 C2.01 C2.01 PARTIAL SITE PLAN
SCALE: 1:200

DS/DSE/PME
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LOCAL CONTRACTOR PACKAGE
ABIDJAN, IVORY COAST
ABIDJAN-PME-20012

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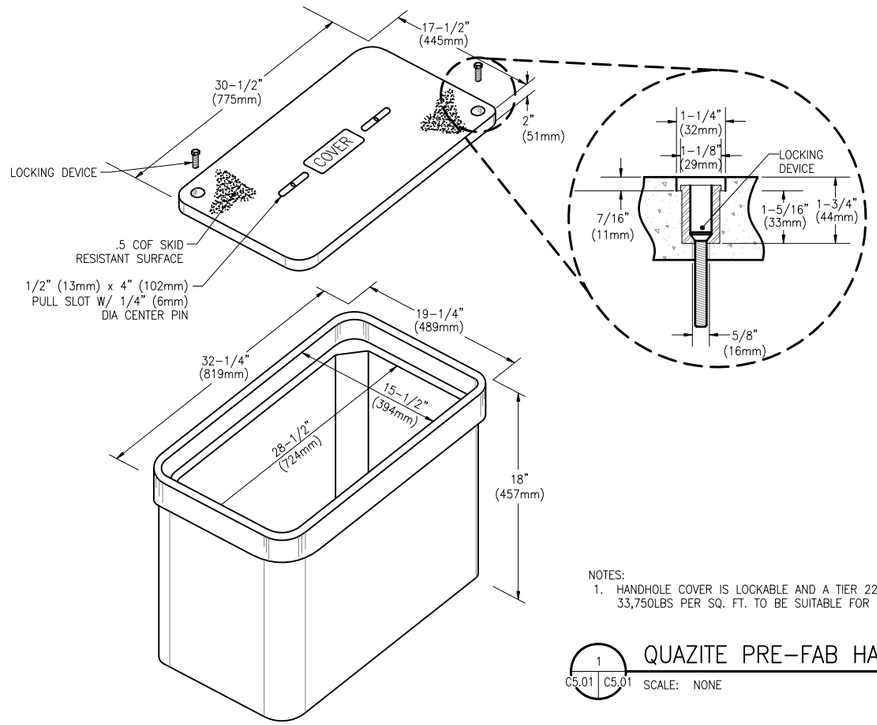
GRAPHICAL SCALES
1:200 — 0, 2000, 4000, 6000, 8000, 20000mm, 0', 10', 20', 30', 60'
1:500 — 0, 5000, 10000, 15000, 20000, 50000mm, 0', 25', 50', 75', 150'

SITE PLAN NEW WORK

DRAWING TITLE

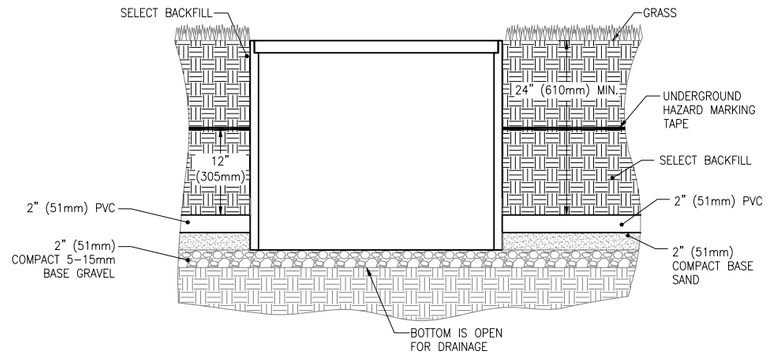
PHASE: ☐ 30% ☐ 90% ■ 100% ☐ AS-BUILT

CAD FILE NAME	ABJD201.dwg
DRAWING SCALE	AS NOTED
PROJECT NUMBER	ABIDJAN-PME-20012
DRAWN BY	AH
DESIGNED BY	JC
DATE	05/22/20
DRAWING NUMBER	C2.01
SHEET	5 OF 6
CLASSIFICATION	UNCLASSIFIED
REV.	

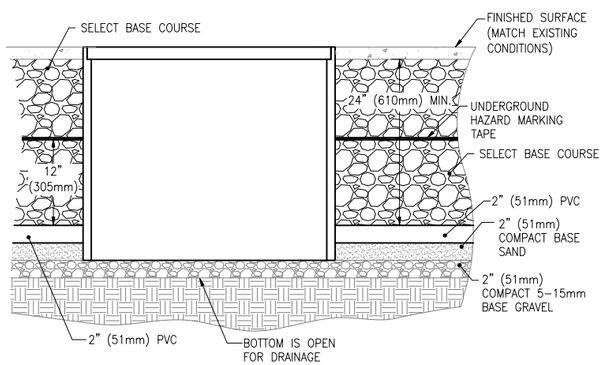


NOTES:
1. HANDHOLE COVER IS LOCKABLE AND A TIER 22 AND HAS A LOAD TEST RATING OF 33,750LBS PER SQ. FT. TO BE SUITABLE FOR LIGHT VEHICULAR TRAFFIC.

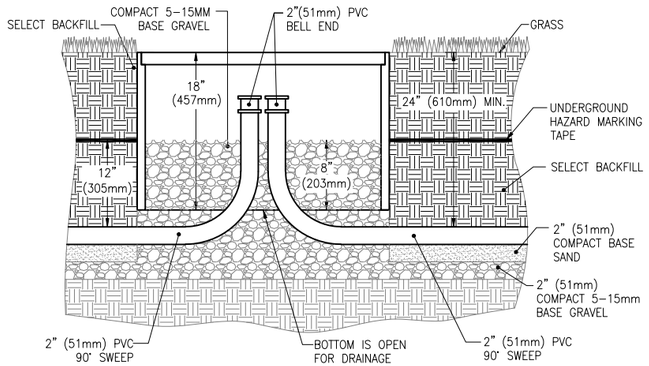
1 C5.01 | C5.01 QUAZITE PRE-FAB HANDHOLE DETAIL
SCALE: NONE



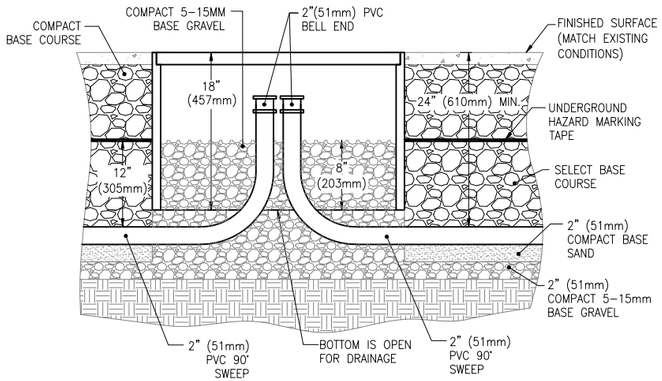
2 C5.01 | C5.01 EXISTING HANDHOLE AND CONDUIT INSTALLATION DETAIL – GRASS AREA
SCALE: NONE



3 C5.01 | C5.01 EXISTING HANDHOLE AND CONDUIT INSTALLATION DETAIL – FINISHED ROAD
SCALE: NONE



4 C5.01 | C5.01 NEW HANDHOLE AND CONDUIT INSTALLATION DETAIL – GRASS AREA
SCALE: NONE



5 C5.01 | C5.01 NEW HANDHOLE AND CONDUIT INSTALLATION DETAIL – FINISHED ROAD
SCALE: NONE

PROJECT MANAGEMENT & ENGINEERING ★ DIPLOMATIC SECURITY
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LOCAL CONTRACTOR
PACKAGE
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ABIDJAN-PME-20012

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DRAWING TITLE: DETAILS

PHASE: ☐ 30% ☐ 90% ■ 100% ☐ AS-BUILT

CAD FILE NAME: ABJD501.dwg
DRAWING SCALE: NONE
PROJECT NUMBER: ABIDJAN-PME-20012
DRAWN BY: AH
DESIGNED BY: JC
DATE: 05/22/20
DRAWING NUMBER: C5.01
SHEET 6 OF 6
CLASSIFICATION: UNCLASSIFIED
REV.