ELECTRICAL ABBREVIATIONS

1PH    SINGLE-PHASE
1P     SINGLE POLE
2/C    TWO-CONDUCTOR
3/C    THREE-CONDUCTOR
3PH    THREE-PHASE
4/C    FOUR-CONDUCTOR
4W     FOUR-WIRE

A/C UNIT  AIR CONDITIONING UNIT
A/E     ARCHITECT/ENGINEER
AAP    ALARM ANNUNCIATOR PANEL
AC     ALTERNATING CURRENT OR ARMORED CABLE
ACC    ACCESSIBLE
ADDL   ADDITIONAL
ADJ    ADJACENT, ADJOINING
AF     AMPERE FRAME OR AMP FUSE
AFC    ABOVE FINISHED COUNTER, AUTOMATIC FREQUENCY CONTROL, OR AVAILABLE FAULT CURRENT
AFCI   ARC-FAULT CURRENT INTERRUPTER
AFF    ABOVE FINISHED FLOOR
AFG    ABOVE FINISHED GRADE
Ah     AMPERE HOUR
AHJ    AUTHORITY HAVING JURISDICTION
AIC    AMPERE INTERRUPTING CAPACITY
ALT    ALTERNATE
AMB    AMBIENT
AMP    AMPERE
ARCH   ARCHITECT
ASC    AMPS SHORT CIRCUIT
AT     AMPERE TRIP
ATS    AUTOMATIC TRANSFER SWITCH
AUTO   AUTOMATIC
AV     AUDIO VISUAL

BAT    BATTERY
BD     BOARD
BFF    BELOW FINISH FLOOR
BLDG   BUILDING
BRKR   BREAKER
BYP    BY PASS
ELECTRICAL ABBREVIATIONS

C       CONDUIT
CAB     CABINET
CALC    CALCULATE
CAP     CAPACITY
CAT     CATALOG
CATV    COMMUNITY ANTENNA TELEVISION
CCR     CONTROL CONTACTOR
CCTV    CLOSED CIRCUIT TELEVISION
cd      CANDELA
CD      CONSTRUCTION DOCUMENTS
CF      CONTRACTOR FURNISHED
CF/CI   CONTRACTOR FURNISHED/OWNER INSTALLED
CF/OI   CONTRACTOR FURNISHED/OWNER INSTALLED
CFE     CONTRACTOR FURNISHED EQUIPMENT
CHW     CHILLED WATER
CHWP    CHILLED WATER PUMP
CKT     CIRCUIT
CKT BRKR CIRCUIT BREAKER
OR C/B  
CLF     CURRENT LIMITING FUSE
CLG     CEILING
COAX    COAX CABLE
COMM    COMMUNICATION
COMPT   COMPARTMENT
CONC    CONCRETE
CONT    CONTINUE
CONTR   CONTRACTOR
COORD   COORDINATE
CPT     CONTROL POWER TRANSFORMER
CRI     COLOR RENDERING INDEX
CT      CURRENT TRANSFORMER
CTV     CABLE TELEVISION
CU      COPPER
CUR     CURRENT
dB      DECIBEL
DC      DIRECT CURRENT
DCP     DIMMER CONTROL PANEL
DEG C   DEGREES CELSIUS
DEG F   DEGREES FAHRENHEIT
DEMO    DEMOLITION
DIAG    DIAGRAM
DISC    DISCONNECT
DIST PNL DISTRIBUTION PANEL

DETAIL TITLE / ELECTRICAL ABBREVIATIONS

SCALE: NONE

DATE ISSUED: JULY 1, 2020

CAD DETAIL NO.: SD260511-02 DWG
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Definition</th>
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<tbody>
<tr>
<td>DMR SW</td>
<td>DIMMER SWITCH</td>
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<tr>
<td>DPDT</td>
<td>DOUBLE POLE, DOUBLE THROW</td>
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<td>DPST</td>
<td>DOUBLE POLE, SINGLE THROW</td>
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<td>DRAWING</td>
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<td>EMER</td>
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<td>EXIST OR</td>
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<td>(E)</td>
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<tr>
<td>FA</td>
<td>FIRE ALARM</td>
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<td>GENERATOR</td>
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<td>GROUND FAULT CIRCUIT INTERRUPTER</td>
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ELECTRICAL ABBREVIATIONS

IESNA  ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA
IMC    INTERMEDIATE METAL CONDUIT
INCAND INCANDESCENT
IR     INFRARED
IWH    INSTANTANEOUS WATER HEATER
J–BOX  JUNCTION BOX
KV     KILOVOLT
KVA    KILOVOLT AMPERE
KVARh  KILOVOLT AMPERE PER HOUR
KVAR   KILOVOLT AMPERE REACTIVE
KW     KILOWATT
kWh    KILOWATT HOUR
kWhM   KILOWATT HOUR METER
LED    LIGHT EMITTING DIODE
LF     LINEAR FEET (FOOT)
LP     LIGHT POLE
LPS    LOW PRESSURE SODIUM
LRA    LOCKED ROTOR AMPS
LT     LIGHT
LTG    LIGHTING
LTG PNL LIGHTING PANEL
LTNG   LIGHTNING
LV     LOW VOLTAGE
MAX    MAXIMUM
MC     METAL–CLAD
MCA    MINIMUM CIRCUIT AMPS
MCB    MAIN CIRCUIT BREAKER
MCC    MOTOR CONTROL CENTER
MECH   MECHANICAL
MH     MANHOLE
MIN    MINIMUM
MOCP   MAXIMUM OVERCURRENT PROTECTION
MLO    MAIN LUGS ONLY
MT     MOUNT
MTD    MOUNTED
MTG    MOUNTING
MTS    MANUAL TRANSFER SWITCH
MV     MEDIUM VOLTAGE
MVA    MEGAVOLT—AMPERE
MW     MEGAWATT
# ELECTRICAL ABBREVIATIONS

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<th>Abbreviation</th>
<th>Description</th>
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<td>NA</td>
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<tr>
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<td>NATIONAL ELECTRICAL CODE</td>
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<td>NEMA</td>
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<td>NEUT OR N</td>
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<tr>
<td>PT</td>
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## Detail Title / Electrical Abbreviations

**Scale:** None  
**Date Issued:** July 1, 2020  
**CAD Detail No.:** SD260511-05 DWG
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<td>TEL</td>
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<td>UNDERFLOOR DUCT</td>
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<tr>
<td>UGND</td>
<td>UNDERGROUND</td>
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<tr>
<td>UL</td>
<td>UNDERWRITERS LABORATORY</td>
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<td>UON</td>
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<td>UPS</td>
<td>UNINTERRUPTIBLE POWER SUPPLY</td>
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<td>V</td>
<td>VOLT</td>
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<td>WATT</td>
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<tr>
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<td>WATER HEATER</td>
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<td>WP</td>
<td>WEATHERPROOF</td>
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<tr>
<td>XFER</td>
<td>TRANSFER</td>
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<tr>
<td>XFMR</td>
<td>TRANSFORMER</td>
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ELECTRICAL SYMBOLS - DIAGRAM

- DELTA CONNECTION
- MOTOR, SINGLE-PHASE
- MOTOR, THREE-PHASE
- TRANSFORMER
- WYE CONNECTION
- EARTH GROUND
- JUNCTION BOX
- PULL BOX
- SWITCH, MULTIPOSITION
- SWITCH, SINGLE BREAK
- NORMALLY CLOSED RELAY CONTACT
- NORMALLY OPEN RELAY CONTACT
- FUSE WITH RATING
- CIRCUIT BREAKER
- DRAWOUT AIR CIRCUIT BREAKER
- RELAY; NUMBER INDICATES RELAY TYPE
  50 = INSTANTANEOUS OVERCURRENT OR RATE-OF-RISE
  51 = AC-TIME OVERCURRENT
  67 = AC-DIRECTIONAL OVERCURRENT
  86 = LOCKING OUT
ELECTRICAL SYMBOLS - DIAGRAM

☐ Disconnect Switch, Fused
☐ Disconnect Switch, Unfused
☐ Starter, Combination with Disconnect Switch
☐ Starter or Motor Controller
☐ Generator, Power

--- Battery

--- Capacitor

□ Meter

○ Ammeter

□ Voltmeter

□ Wattmeter

□ Watt-Hour Meter
ELECTRICAL SYMBOLS - POWER PLAN

- MOTOR, SINGLE-PHASE
- MOTOR, THREE-PHASE
- TRANSFORMER, PLAN
- WYE CONNECTION
- DUCT, CELL FLOOR HEADER
- DUCT, TROLLEY
- DUCT, UNDERFLOOR JUNCTION BOX
- EARTH GROUND
- JUNCTION BOX
- LADDER CABLE TRAY
- BRANCH CIRCUIT HOMERUN. LINES INDICATE NUMBER OF CIRCUIT WIRE, NEUTRAL, AND SWITCH LEG CONDUCTORS. ONE SEPARATE GROUNDING CONDUCTOR SHALL BE PROVIDED FOR EACH HOMERUN SHOWN
- PULL BOX
- WIREWAY
- SUBSTATION
- HI VOLTAGE SWITCH ON CONCRETE PAD
- LOW VOLTAGE SWITCH ON CONCRETE PAD
- BUSWAY
- PUSH BUTTON
ELECTRICAL SYMBOLS - POWER PLAN

- DISTRIBUTION PANEL
- PANELBOARD, FLUSH MOUNTED
- PANELBOARD, SURFACE MOUNTED
- RECEPTACLE, CLOCK HANGER
- RECEPTACLE, DUPLEX
- RECEPTACLE, DUPLEX ON EMERGENCY POWER
- RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT IN
- RECEPTACLE, QUADRPLEX
- RECEPTACLE, SINGLE
- RECEPTACLE, SINGLE WITH SWITCH
- RECEPTACLE, SPECIAL PURPOSE
  - A = 120V, 20A, 1 PHASE, 2-POLE, 3W, NEMA 5-20I
  - B = 208V, 20A, 1 PHASE, 2-POLE, 3W, NEMA 6-20I
  - C = 120V, 30A, 1 PHASE, 2-POLE, 3W, NEMA 5-30I
  - D = 208V, 30A, 1 PHASE, 2-POLE, 3W, NEMA 6-30I
  - E = 208V, 60A, 1 PHASE, 3-POLE, 4W, NEMA 14-60
  - F = 208V, 30A, 3 PHASE, 3-POLE 4W, NEMA 15-30
  - G = 208V, 50A, 3 PHASE, 3 POLE, 4W, NEMA 15-30
  - H = 208V, 60A, 3 PHASE, 3 POLE, 4W, NEMA 15-60
- RECEPTACLE, SWITCHED DUPLEX
- DROP CORD, SINGLE CONVENIENCE OUTLET, 3-WIRE, 20A, W/#12 CONDUCTORS IN FLEXIBLE CORD (CENTER 6'-6" [1981mm] AFF. MINIMUM).
- ELECTRICAL STRIP MOLD (OUTLETS ON 2'-0" [610mm DESIGNATED ON DRAWINGS), MTD 3'-6" [1067mm] AF INDICATED.
- DISCONNECT SWITCH, FUSED
- DISCONNECT SWITCH, UNFUSED
- STARTER, COMBINATION WITH DISCONNECT SWITCH
ELECTRICAL SYMBOLS - POWER PLAN

- STARTER OR MOTOR CONTROLLER

- SWITCH
  F = FUSED SWITCH
  L = LOCK
  M = MANUAL MOTOR STARTING
  MP = MOTOR SNAP WITH PILOT LIGHT (THERMAL TYPE)
  PB = PUSH BUTTON STATION
  WP = WEATHER PROOF
  K = KEY OPERATED
  LM = LOW VOLTAGE MASTER
  MC = MOMENTARY CONTACT
  P = WITH PILOT LIGHT
  RC = REMOTE CONTROL
  X = EXPLOSION PROOF
SWITCH, CEILING MOUNTED PULL

$#\$

SWITCH (# SUBSCRIPT AS INDICATED BELOW):
BLANK = SINGLE POLE
3 = THREE-WAY
D = DIMMER
LY= LOW VOLTAGE
LM= LOW VOLTAGE MASTER
PB= PUSH BUTTON STATION
T = TIMER OPERATED
2 = DOUBLE POLE
4 = FOUR-WAY
K = KEY OPERATED
P = WITH PILOT LIGHT
RC= REMOTE CONTROL
WP= WEATHER PROOF
Mo= OCCUPANCY SENSOR

RECESSED DOWNLIGHT FIXTURE, LETTER INDICATES TYPE.

LIGHT FIXTURE, RECESSED, 610x1220mm (2’x4’);
LETTER INDICATES TYPE.

LIGHT FIXTURE, RECESSED, 305x1220mm (1’4’);
LETTER INDICATES TYPE.

LIGHT FIXTURE, RECESSED, 305x2439mm (1’8’);
LETTER INDICATES TYPE.

LIGHT FIXTURE, SURFACE MOUNTED, 610x1220mm (2’x4’);
LETTER INDICATES TYPE.

LIGHT FIXTURE, SURFACE MOUNTED, 305x1220mm (1’4’);
LETTER INDICATES TYPE.

LIGHT FIXTURE, SURFACE MOUNTED, 305x2439mm (1’8’);
LETTER INDICATES TYPE.

LIGHT FIXTURE, EMERGENCY;
LETTER INDICATES TYPE.

LIGHT FIXTURE, RECESSED, 610x610mm (2’x2’);
LETTER INDICATES TYPE.
ELECTRICAL SYMBOLS - LIGHTING PLAN

LIGHT FIXTURE, SURFACE MOUNTED, 2’x2’ [610x610mm]; LETTER INDICATES TYPE.

LIGHT TRACK WITH HEADS AS SHOWN

LIGHT FIXTURE, STRIP; LETTER INDICATES TYPE.

LIGHT FIXTURE, WALL MOUNTED

LIGHT, ONE HEAD EMERGENCY BATTERY POWER

LIGHTING, TWO HEAD EMERGENCY BATTERY POWER

LIGHTING, THREE HEAD EMERGENCY BATTERY POWER

STREET LIGHT WITH BRACKET

LIGHT POLE, ONE LUMINAIRE

LIGHT POLE, TWO LUMINAIRES

LIGHT POLE, POST TOP MOUNT LUMINAIRE

LIGHTING WALL PACK, EXTERIOR BUILDING

EXIT SIGN, WALL MOUNTED WITH DIRECTIONAL ARROWS AND FACES AS SHOWN

EXIT SIGN, CEILING MOUNTED WITH DIRECTIONAL ARROWS AND FACES AS SHOWN

LIGHT FIXTURE, BOLLARD
GENERAL NOTES
A. All final locations and arrangements of lighting fixtures shall be obtained from the architectural reflected ceiling plan.

B. Lighting fixtures with more than two lamps shall have two outer lamps controlled with one switch and inner lamp(s) controlled by a second switch.

C. Each branch circuit homerun shall have no more than three circuits. Each branch circuit homerun shall have a separate green insulated equipment grounding conductor.

D. Multi-gang backboxes for different voltages and types of emergency and normal branch wiring devices shall have dividers between devices.

GENERAL NOTES – DEMOLITION
A. For existing equipment, such as lighting fixtures, wiring devices, conduits, etc., shown on plans to be removed, completely cut/cap conduits at the area of work perimeter and remove conduit within the work area, disconnect wiring at the overcurrent protective device and remove wiring completely from the abandoned conduits.

B. Disconnect all abandoned wiring of all types at the overcurrent protective device. Completely remove all abandoned wiring.

C. Maintain and restore, if interrupted, all conduits and conductors passing through renovated areas and servicing undisturbed areas.

GENERAL AND DEMOLITION NOTES

#

VA | U.S. Department of Veterans Affairs

DETAIL TITLE / GENERAL AND DEMOLITION NOTES

SCALE: NONE

DATE ISSUED: JULY 1, 2020

CAD DETAIL NO.: SD260511-14.DWG
GENERAL NOTES:
1. ALL HARDWARE SHALL BE STAINLESS STEEL.
2. PROVIDE 1 MOUNTING POINT PER 305mm (12") OF BAR LENGTH.
3. HOLES MAY BE ADDED IF REQUIRED.

GROUNDING BAR DETAIL

NTS
Provide 127mm (5") of slack at midpoint between two end of flexible galvanized steel conduit. Provide green insulated copper equipment grounding conductor with flexible conduit.

Floor or roof structure. Field verify actual conditions, typ.

Provide extra cable length to make complete loop around box perimeter.

Conduit trapeze per SD260533-03, typ.

Beam clamp, typ.

Junction box or pullbox, typ (size as required)

Integral galvanized lipped steel mounting channel

Springs nut

General Note:
1. Detail is applicable only for conduit smaller than 76mm (3").

Conduit Expansion Joint Crossing - Flexible Conduit

Detail Title / Conduit Expansion Joint Crossing - Flexible Conduit Detail

Scale: None

Date Issued: July 1, 2020  Cad Detail No.: SD260533-01.DWG
CONDUIT EXPANSION JOINT CROSSING-EXPANSION FITTING

GENERAL NOTE:
1. INSTALLATION IS ACCEPTABLE ALTERNATE TO DETAIL SD260533-01.
2. INSTALLATION IS REQUIRED FOR CONDUIT SMALLER THAN 76mm (3") AND LARGER.
CONDUIT ROOF PENETRATION DETAIL

1. Maintain a minimum clearance of 300mm (12") on all sides of roof penetration from walls, curbs, and other projections to facilitate proper flashing.

2. Flanges of adjacent flasings shall not be cut off or overflashed.

3. Roof deck shall be protected with a minimum of 6 mil (/6") polyethylene sheet to prevent water seepage.

4. Coordinate flashing installation with roofing contractor to ensure proper method of materials are used to maintain roof warranty.

IMPORTANT:
- Site as required.
- Mounting channel
- Roof membrane
- Expansion joint
- Seal-off
- Flashing
- Roof deck
- Batten
- Insulation
- Conduit
- Stainless steel
- Anchor
- Locknut
- Washer
- Square flange

NOTE: Instructions must be followed exactly to ensure proper installation.
GENERAL NOTES:
1. CONCRETE SHALL BE 2000 P.S.I. @ 28 DAYS, OR AS SPECIFIED.
2. PROVIDE #4 REINFORCING RODS ON TOP AND BOTTOM OF DUCTS WHEN CROSSING OR PLACED IN ROADWAYS.
3. MINIMUM COVER TO TOP OF ENVELOPE SHALL BE 610mm (24") OR AS OTHERWISE SPECIFIED IN SECTION 26 05 41.
4. PROVIDE MINIMUM 152mm (6") SPACE BETWEEN POWER AND TELECOMMUNICATION DUCTS. INCREASE SIZE AS REQUIRED.
5. INNERT DUCT QUANTITY AND SIZE AS INDICATED ON PLANS.

DUCT BANK DETAILS

DETAIL TITLE / DUCT BANK DETAIL

SCALE: NONE

DATE ISSUED: JULY 1, 2020  CAD DETAIL NO.: SD260541-02 DWG
GRADE, FEATHER & TAMP BACKFILL TO CREATE FLUSH INSTALLATION AND POSITIVE DRAINAGE AWAY FROM BOX

PULLBOX (SEE SPECIFICATIONS)

LINE SIDES OF EXCAVATION WITH 13.6 KG (30 LBS.) FELT PAPER

(4) CONCRETE BRICKS 51mm x 203mm x 406mm (2”x8”x16”)

CLEAN 19mm (3/4”) CRUSHED ROCK

CONDUIT(S) WITH BELL ENDS (TYP). SIZE, QUANTITY AND WIRING AS INDICATED ON PLANS

UNDERGROUND CONCRETE PULLBOX - TURF AREA DETAIL

NTouchEvent: NONEDATE ISSUED: JULY 1, 2020 CAD DETAIL NO.: SD260541-04 DWG
FINISHED PAVING

PULLBOX (SEE SPECIFICATIONS)

LINE SIDES OF EXCAVATION WITH 13.6 KG (30 LBS.) FELT PAPER

(4) CONCRETE BRICKS 51mm x 203mm x 406mm (2"x8"x16")

CLEAN 19mm (3/4") CRUSHED ROCK

CONDUIT(S) WITH BELL ENDS (TYP). SIZE, QUANTITY AND WIRING AS INDICATED ON PLANS

UNDERGROUND CONCRETE PULLBOX - PAVED AREAS DETAIL
RECEPTACLE ROOF MOUNTING DETAIL

CAST METAL "WHILE-IN-USE" WP COVER(S) & GFCI RECEPTACLE(S).

CAST METAL, 2-GANG, NEMA 3R JUNCTION BOX WITH THREADED HUBS.

RIGID METAL CONDUIT FOR SUPPORT PER N.E.C. ART. 314

SECTION "A-A"

RIGID METAL CONDUIT FOR WIRING

CONDUIT CAP OR PLUG

ROOF PENETRATION AND CONDUIT SUPPORT PER SD260533-05

ELEVATION

VA
U.S. Department of Veterans Affairs

DETAIL TITLE / RECEPTACLE ROOF MOUNTING DETAIL

SCALE: NONE

DATE ISSUED: JULY 1, 2020

CAD DETAIL NO.: SD262726-01 DWG
EMERGENCY GENERATOR EXHAUST

ENGINE EXHAUST PIPE SIZE AS RECOMMENDED BY MANUFACTURER

MUFFLER, SIZE AS RECOMMENDED BY MANUFACTURER

THIMBLE INNER SLEEVE

FLASING & ROOF OPENING BY ARCHITECTURE

CLEARANCE AS REQUIRED BY THIMBLE MANUFACTURER & ARCHITECT

THIMBLE OUTER SLEEVE

EXHAUST PIPE, SIZE AS RECOMMENDED BY MANUFACTURER

305mm (12") LONG DRIP LEG WITH DRAIN VALVE

Rain Shield

254mm

(10") MIN

254mm

(10") MIN

ROOF
**GENERAL NOTE:**

1. Install in accordance with manufacturer's mounting instructions and using the recommended mounting hardware.

**LUMINAIRE MOUNTING - GYPBOARD CEILING**

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**DETAIL TITLE / LUMINAIRE MOUNTING - GYPBOARD CEILING DETAIL**

**SCALE:** NONE

**DATE ISSUED:** JULY 1, 2020

**CAD DETAIL NO.:** SD265100-01 DWG
GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER’S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

LUMINAIRE MOUNTING - LAY-IN CEILING

ARCHITECTURAL CEILING GRID

LUMINAIRE MANUFACTURER’S MOUNTING HARDWARE REFER TO SPECIFICATION SECTION 26 51 00

FIXTURE WHIP FROM JUNCTION BOX (1829mm (6') LONG MAX.)

LUMINAIRE SUSPENSION WIRES REFER TO SPECIFICATION SECTION 26 51 00 (TYP)

3 TWIST MINIMUM (TYP)

LUMINAIRE REFER TO SCHEDULE

ACOUSTICAL CEILING TILE (TYP)

ACOUSTICAL CEILING TILE (TYP)

NTS

DETAIL TITLE / LUMINAIRE MOUNTING - LAY-IN CEILING

DATE ISSUED: JULY 1, 2020 CAD DETAIL NO.: SD265100-02 DWG

SCALE: NONE
GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

DOWNLIGHT MOUNTING - GYPSBOARD CEILING

DETAIL TITLE / DOWNLIGHT MOUNTING - GYP BOARD CEILING

SCALE: NONE

DATE ISSUED: JULY 1, 2020  CAD DETAIL NO.: SD265100-03DWG
GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER’S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

DOWNLIGHT MOUNTING - LAY-IN CEILING
GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

EXIT SIGN MOUNTING - GYPBOARD CEILING
GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

EXIT SIGN MOUNTING - LAY-IN CEILING
GENERAL NOTES:
1. BACKFILL, CONCRETE, REINFORCING STEEL, & ANCHOR BOLTS ARE SHOWN FOR REFERENCE ONLY. STRUCTURAL DESIGN IS SHOWN ON STRUCTURAL DRAWINGS.

2. REFER TO SPECIFICATION SECTION 26 56 00 FOR MOUNTING & LEVELING REQUIREMENTS.

3. REFER TO LANDSCAPE DETAILS FOR INSTALLATION OF PAVERS & INTERFACE BETWEEN PAVERS AND POLE BASE.

POLE BASE DETAIL - PAVED AREAS

DETAIL TITLE: POLE BASE DETAIL - PAVED AREAS

SCALE: NONE

DATE ISSUED: JULY 1, 2020

CAD DETAIL NO.: SD265600-01 DWG
GENERAL NOTES:
1. BACKFILL, CONCRETE, REINFORCING STEEL, & ANCHOR BOLTS ARE SHOWN FOR REFERENCE ONLY. STRUCTURAL DESIGN IS SHOWN ON STRUCTURAL DRAWINGS.

2. REFER TO SPECIFICATION SECTION 26 56 00 FOR MOUNTING & LEVELING REQUIREMENTS.

POLE BASE DETAIL - TURF AREAS
GENERAL NOTES:
1. BACKFILL, CONCRETE, REINFORCING STEEL, & ANCHOR BOLTS ARE SHOWN FOR REFERENCE ONLY. STRUCTURAL DESIGN IS SHOWN ON STRUCTURAL DRAWINGS.

2. REFER TO SPECIFICATION SECTION 26 56 00 FOR MOUNTING & LEVELING REQUIREMENTS.

POLE BASE DETAIL - TURF AREAS

NOTES:

VA
U.S. Department of Veterans Affairs

DETAIL TITLE / POLE BASE DETAIL - TURF AREAS

SCALE: NONE

DATE ISSUED: JULY 1, 2020

CAD DETAIL NO.: SD265600-03 DWG
GENERAL NOTES:
1. BACKFILL, CONCRETE, REINFORCING STEEL, & ANCHOR BOLTS ARE SHOWN FOR REFERENCE ONLY. STRUCTURAL DESIGN IS SHOWN ON STRUCTURAL DRAWINGS.
2. REFER TO SPECIFICATION SECTION 26 56 00 FOR MOUNTING & LEVELING REQUIREMENTS.
3. REFER TO LANDSCAPE DETAILS FOR INSTALLATION OF PAVERS & INTERFACE BETWEEN PAVERS AND POLE BASE.

BOLLARD BASE DETAIL - PAVED AREAS

# NTS

DETAIL TITLE / BOLLARD BASE DETAIL - PAVED AREAS

SCALE: NONE
DATE ISSUED: JULY 1, 2020  CAD DETAIL NO.: SD265600-04 DWG
GALVANIZED ANCHOR BOLTS & HEX NUTS, PROVIDE LEVELING SHIMS OR HEX NUTS.

VANDAL RESISTANT LIGHT BOLLARD PER LIGHT FIXTURE SCHEDULE.

FINISHED GRADE

PVC CONDUIT ADAPTER COUPLING

PVC CONDUIT

RIGID STEEL CONDUIT

CONCRETE BASE & REINFORCING STEEL. SEE NOTE BELOW.

UNDISTURBED SOIL OR SELECT BACKFILL COMPACTED. SEE NOTE BELOW.

GENERAL NOTES:
1. BACKFILL, CONCRETE, REINFORCING STEEL, & ANCHOR BOLTS ARE SHOWN FOR REFERENCE ONLY. STRUCTURAL DESIGN IS SHOWN ON STRUCTURAL DRAWINGS.

2. REFER TO SPECIFICATION SECTION 26 56 00 FOR MOUNTING & LEVELING REQUIREMENTS.

# BOLLARD BASE DETAIL - TURF AREAS

NTS