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PROJECT:

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PROJECT

LED HANDRAIL TYPICAL DETAILS

> ETAIL RAIL MOUNT WALL **TYPICAL**

INFORMATION

LOCATION: MINNEAPOLIS, MN

1 1/4" SCH. 40 PIPE

CONCRETE FILLED

METAL PAN STAIRS

OR TERRAZZO

(BY OTHERS)

TO REMOTE

MOUNTED DRIVER

POD LIGHT LED HANDRAIL

DATE 3/27/20

SALES

AUTH

S2 SCALE:

1 1/4" SCH.

ESCUTCHEON

(CORE DEPTH +1")

MIN. CONDUIT

DEPTH

(OPTIONAL)

40 PIPE

Ø4-1/2"

MIN. EDGE

DISTANCE

TO REMOTE

MOUNTED DRIVER

Ø3"

MIN.

A1 LED HANDRAIL CORE CONNECTION DETAIL

NON-SHRINK,

4,500 PSI MIN.

(BY OTHERS)

CORE

DEPTH

CONCRETE

ELECTRICAL CONDUIT &

(BY E.C.) - 1" OD MAX

CONDUIT (3/4" TRADE

3 1/2"

MIN.

EMBED

24VDC WIRING

SIZE)

GROUT

NON-METALLIC

1 1/4" SCH. 40 PIPE MIN. Ø5" X 5/8" BASEPLATE WITH 3/8" SS CONCRETE 3 1/2" ANCHOR, WASHER, NUT, MIN. AND PLASTIC SLIP SHEET **EDGE** DISTANCE 4,500 PSI MIN. CONCRETE MIN. (BY OTHERS) CONDUIT DEPTH **ELECTRICAL CONDUIT & 24VDC** TO REMOTE WIRING MOUNTED DRIVER (BY E.C.) - 1" OD MAX CONDUIT (3/4" TRADE SIZE)

> (A2) LED HANDRAIL BASEPLATE CONNECTION DETAIL S2 | SCALE: 3"=1'-0"

(A3) LED HANDRAIL BASEPLATE CONNECTION DETAIL S2 | SCALE: 3"=1'-0"

Ø5"

24VDC ELECTRICAL WIRING & SPLICED ELECTRICAL CONNECTIONS OTHER SIDE OF WALL (BY E.C.) TO REMOTE MOUNTED DRIVER WELD ON END CAP 1 1/2" MIN. WITH HOLE & GROMMET FOR **POWER WIRES** CLR3 1/4" 1 1/4" SCH. 40 PIPE HANDRAIL RETURN

> C LED HANDRAIL WALL CONNECTION DETAIL S2 | SCALE: 3"=1'-0"

Ø5" X 5/8"

BASEPLATE WITH

3/8" S/S HEX HEAD

WASHERS, & NUT

THRU BOLTS,

ELECTRICAL

CONDUIT (3/4"

TRADE SIZE)

WIRING

CONDUIT & 24VDC

(BY E.C.) - 1" OD MAX

*DIMENSIONS AND SPECIFICATIONS LISTED ARE FOR SIGHTLINE COMMERCIAL SOLUTIONS PRODUCTS STANDARD LED HANDRAIL. SEE SALES SHEET FOR OTHER AVAILABLE OPTIONS.

ITEM

DESCRIPTION

SCS-LED-POD-WMHR-S2