EGRESS LIGHTING

SINGLE REMOTE HEAD

DOUBLE REMOTE HEAD

BATTERY UNIT WITH HEADS

EXIT SIGNS (HATCH INDICATES FACE)

SINGLE FACE EXIT SIGN

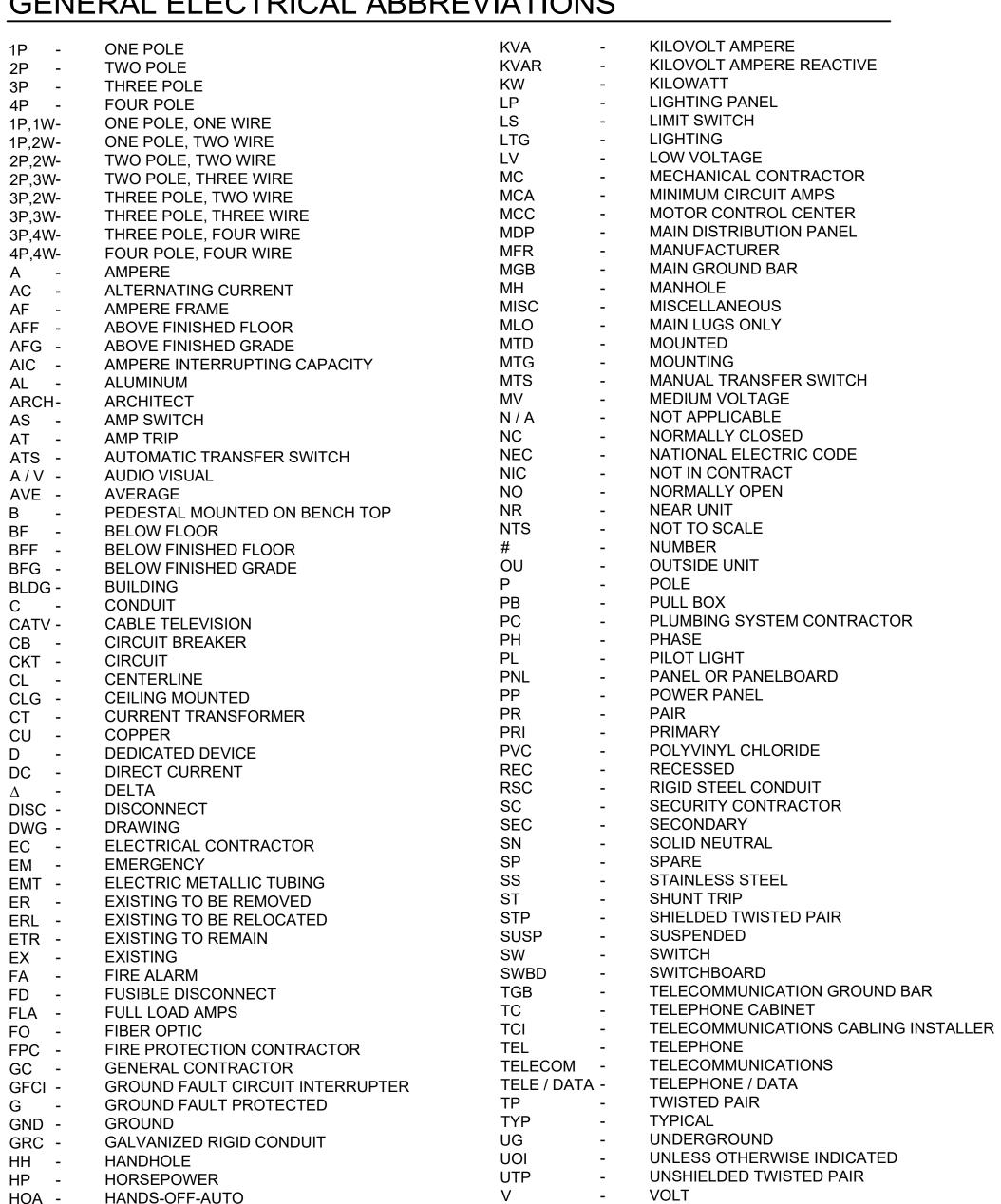
DOUBLE FACE EXIT SIGN

SINGLE FACE EXIT SIGN WITH HEADS

DOUBLE FACE EXIT SIGN WITH HEADS

BATTERY UNIT

GENERAL ELECTRICAL ABBREVIATIONS



WATT

WYE

WEATHER RESISTANT

TRANSFORMER

LUMINAIRES

POLE MOUNTED

WALL MOUNTED

OCCUPANCY SENSOR

- 3 WAY SWITCH

- 4 WAY SWITCH

- SWITCH LEG

- DIMMER SWITCH

- LOW VOLTAGE SWITCH

- MOTOR RATED SWITCH

- OCCUPANCY SENSOR

- PILOT LIGHT SWITCH

DRAWING SYMBOLS

- KEYED SWITCH

- TIMER SWITCH

KEYNOTE

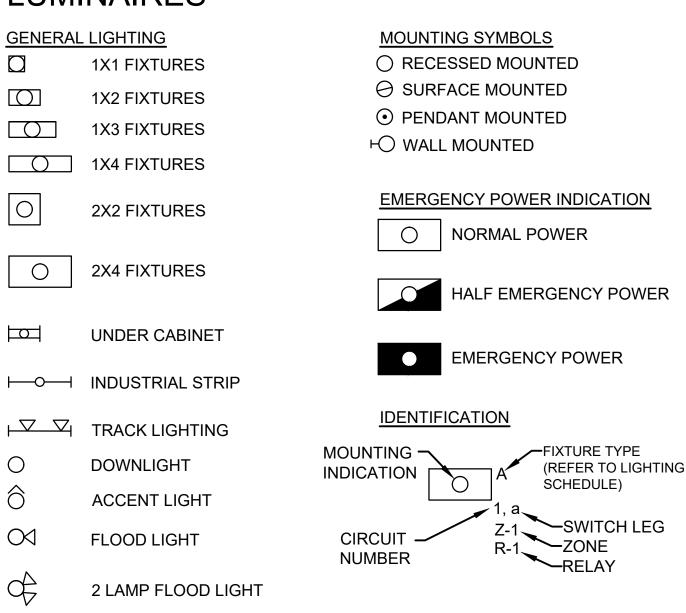
REVISION TAG

- VACANCY SENSOR

ABBREVIATIONS

LIGHTING CONTROLS

WALL MOUNTED SWITCH/SENSOR



POWER

FLUSH MOUNTED PANEL BOARD **EQUIPMENT CONNECTION** NON-FUSED SWITCH

RECEPTACLES

DUPLEX RECEPTACLE GFCI DUPLEX RECEPTACLE CEILING MOUNTED CORD REEL

■ DEAD FRONT GFCI (LEGRAND 2087LA)

ABBREVIATIONS AFCI - ARC-FAULT CIRCUIT INTERRUPTER

a - SWITCH LEG C - ABOVE COUNTER CO - COPIER DR - DRYER

FIRE ALARM STROBE - MOUNT 80" TO BOTTOM OF

WHICHEVER IS LOWER. (xxCD) = CANDELA RATING

HORN - MOUNT 80" AFF TO BOTTOM OF BOX OR 6"

HORN/STROBE - MOUNT 80" AFF TO BOTTOM OF BOX

OR 6" BELOW DOWN FROM CEILING TO TOP OF BOX

WHICHEVER IS LOWER. (xxCD) = CANDELA RATING

HEAT DETECTOR - 135°F FIXED AND RATE OF RISE

(150°F) (20°F) UNLESS NOTED ON THE PLANS.

DOWN FROM CEILING TO TOP OF BOX WHICHEVER IS

LOWER. (xxCD) = CANDELA RATING

PHOTO ELECTRIC SMOKE DETECTOR

FIRE ALARM ANNUNCIATOR PANEL

FIRE ALARM CONTROL PANEL

BOX OR 6" DOWN FROM CEILING TO TOP OF BOX

DW - DISHWASHER WP - WEATHER PROOF IN-USE WR - WEATHER RESISTANT DEVICE → GROUND FAULT CIRCUIT INTERRUPTER

RECEPTACLE NOTE:

FOR ALL OUTLETS, OTHER THAN ABOVE COUNTER, GROUND PLUG SHALL BE IN DOWNWARD POSITION. PROVIDE TAMPER PROOF RESISTANCE RECEPTACLES IN PUBLIC AREAS INCLUDING EXAM ROOMS, CORRIDOR, RESTROOMS, AND LOBBY.

DATA/COMM

DATA OUTLET FLOOR MOUNTED

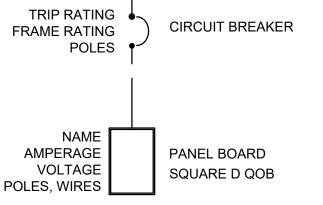
VOICE OUTLET WALL MOUNTED

(WAP) WIRELESS ACCESS POINT

EMERGENCY POWER OFF BUTTON

OVERHEAD DOOR CONTROL





xP xAF SWITCH

xAF

PRI: xVAC, 3P SEC: xVAC, 3P

XXXA XXXFR 3P

FIRE ALARM SYMBOLS

ADDRESSABLE CONTROL MODULE ADDRESSABLE MONITOR MODULE

SPRINKLER FLOW SWITCH (PROVIDE ADDRESSABLE MODULE) SPRINKLER TAMPER SWITCH (PROVIDE ADDRESSABLE MODULE)

SD SMOKE DAMPER MAGNETIC DOOR HOLDER

LINE TYPES

(SEN) SENTRONIC PE PRESSURE SWITCH

FSD FAN SHUTDOWN (OTHER) (RELAY)

FSS | FIRE SUPPRESSION CONTROL PANEL

RTSI | FIRE SUPPRESSION CONTROL PANEL

PHOTOELECTRIC DUCT SMOKE DETECTOR WITH SAMPLING TUBE

FIRE ALARM MANUAL PULL STATION - MOUNT 48" AFF TO TOP OF BOX (M) MULLION MOUNTED

EQUIPMENT DESIGNATION LEGENDS

HEATING, VENTILATING, AND AIR CONDITIONING

PANELBOARDS AND SWITCHBOARDS

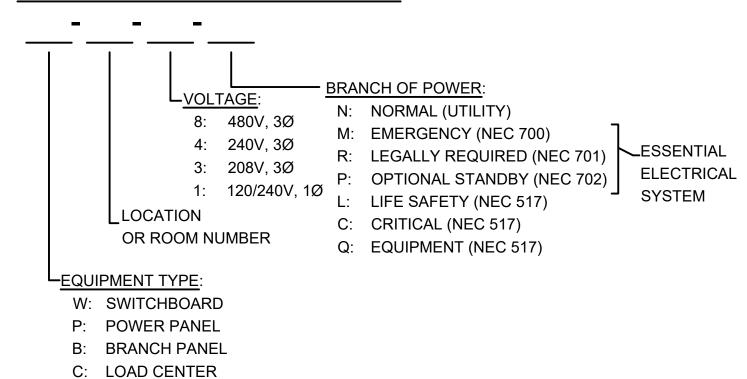
HERTZ (CYCLE) PER SECOND

INSIDE UNIT

H: HYBRID

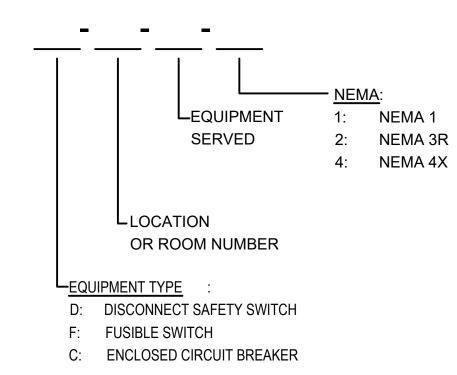
JUNCTION BOX

IN -



ENCLOSED SWITCHES DESIGNATION LEGENDS

PANELBOARDS AND SWITCHBOARDS



SECURITY AND DOOR HARDWARE

CARD READER - PROVIDE OUTLET BOX ROUGH-IN AT 48" AFF/AFG, HEIGHT MEASURED FROM FLOOR/GRADE TO TOP OF BOX, WITH SINGLE GANG PLASTER RING. PROVIDE CONCEALED 3/4" CONDUIT RACEWAY UP TO A SINGLE GANG BOX ABOVE THE DOOR. PROVIDE WIRING BACK TO CARD ACCESS SYSTEM CONTROL

DOOR POSITION SWITCH BY SECTION 08 71 00. WIRED BY ELECTRICAL CONTRACTOR, CONNECT TO 12V. DC OR 24V. DC POWER.

ELECTRIC STRIKE BY SECTION 08 71 00. WIRED BY ELECTRICAL CONTRACTOR.

POWER SUPPLY SECTION 08 71 00. WIRED BY ELECTRICAL CONTRACTOR. INPUT: 120V., OUTPUT: 24V. DC. PROVIDE 120V. POWER FROM LOCAL CONSTANT

CIRCUIT. POWER SUPPLY POWERS THE ELECTRIC LATCH RETRACTION DEVICES(S).

CONNECT TO 12V. DC OR 24V. DC POWER.

DOOR RELEASE BUTTON **DURESS BUTTON**

SECURITY ALARM CONTROL PANEL

SECURITY CAMERA (BY OTHERS)

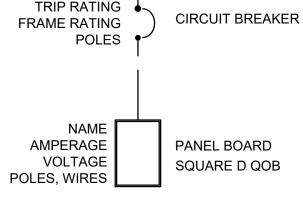
ELECTRICAL SHEET INDEX E-001 | ELECTRICAL SYMBOLS AND ABBREVIATIONS -101 SITE LIGHTING PLAN E-201 SITE PHOTOMETRICS PLAN E-301 LIGHTING FIXTURES, LIGHTING SCHEDULE, AND DETAILS E-401 FIRST FLOOR LIGHTING PLAN E-501 FIRST FLOOR POWER AND SYSTEMS PLAN E-601 FIRST FLOOR SECURITY PLAN E-701 ELECTRICAL EQUIPMENT SCHEDULES E-702 | ELECTRICAL PANELBOARD SCHEDULES E-703 ELECTRICAL ONE LINE DIAGRAM

DATA OUTLET WALL MOUNTED DATA VOICE FLOOR MOUNTED

DATA VOICE WALL MOUNTED

CONTROLS

PB PUSH BUTTON - MOUNT 48" TO TOP OF BOX - (M) MULLION MOUNTED



XXXA XXXFR 3P **FUSED SWITCH**

METER SOCKET

CITY OF WAUKESHA PLAN **COMMISSION REVIEW**

Revisions

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SCOPE DOCUMENTS Drawing Date 06/07/2019

FROEDTERT SUNSET DRIVE CLINIC

FROEDTERT HEALTH 218082.00

Sheet Title ELECTRICAL SYMBOLS AND **ABBREVIATIONS**

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CITY OF WAUKESHA PLAN COMMISSION REVIEW

SCOPE DOCUMENTS
Drawing Date

FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH

218082.00

Sheet Title
SITE LIGHTING PLAN

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FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH 218082.00

218082.00
Sheet Title

SITE PHOTOMETRICS PLAN

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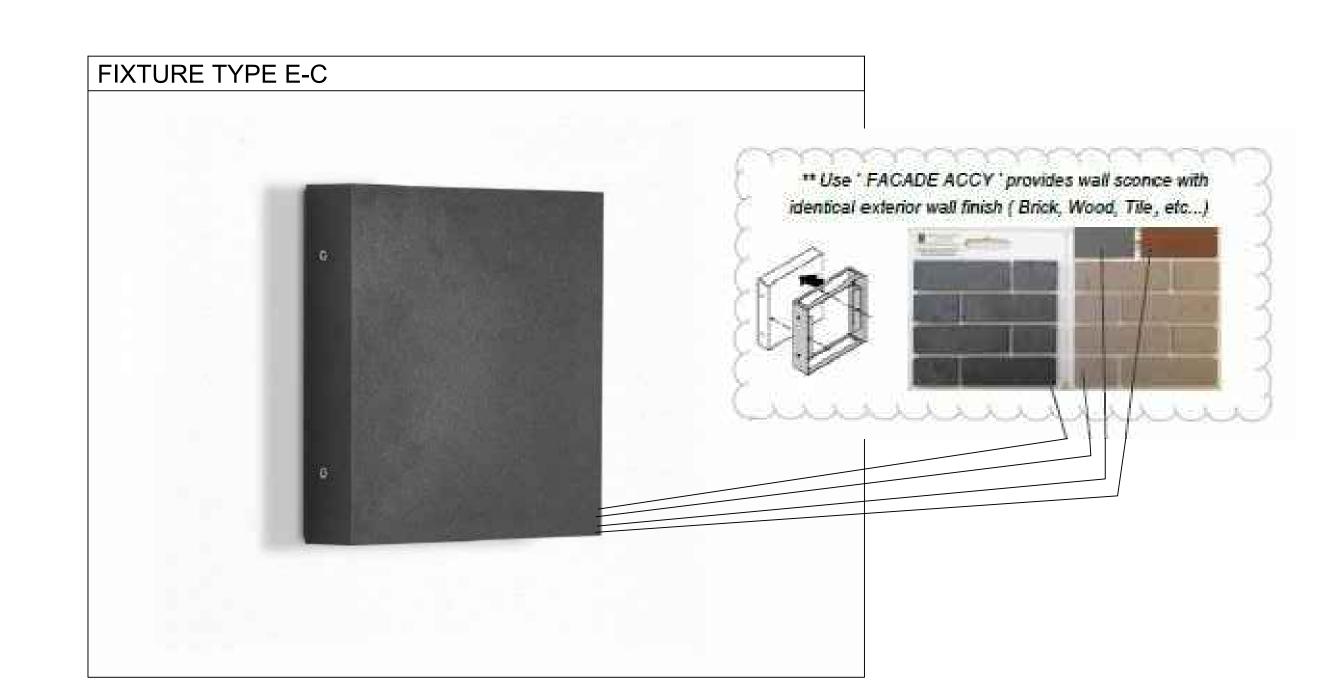
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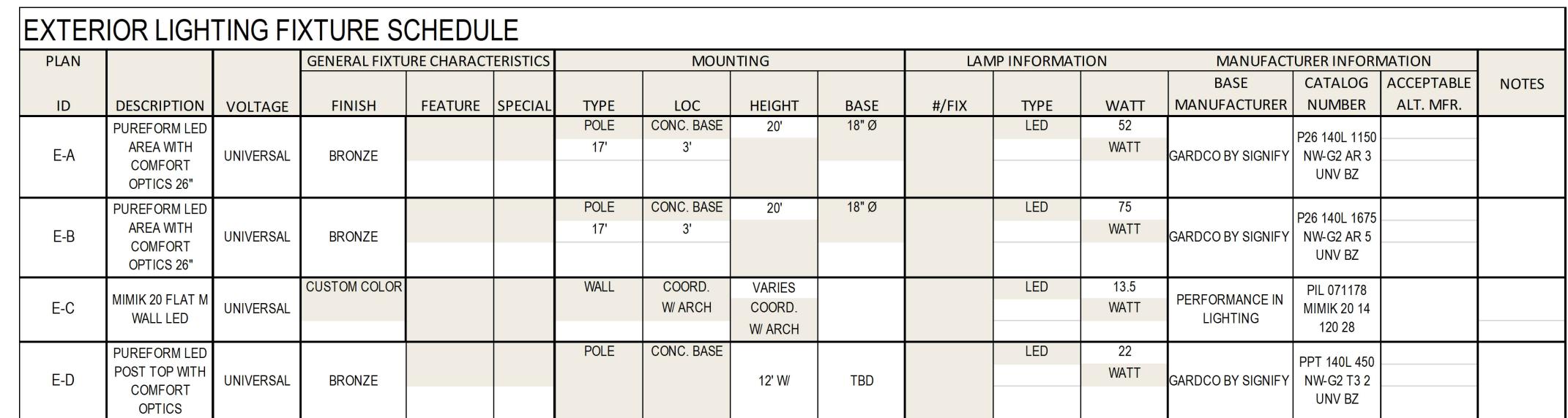
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GRAPHIC SCALE 1" = 15'

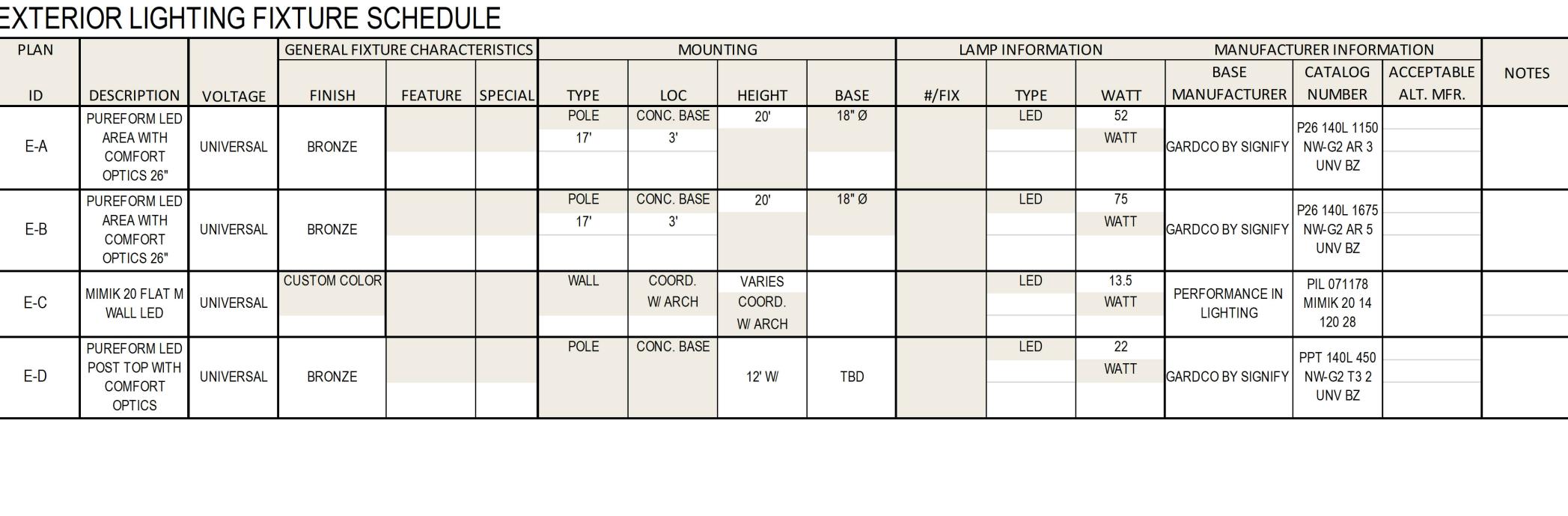


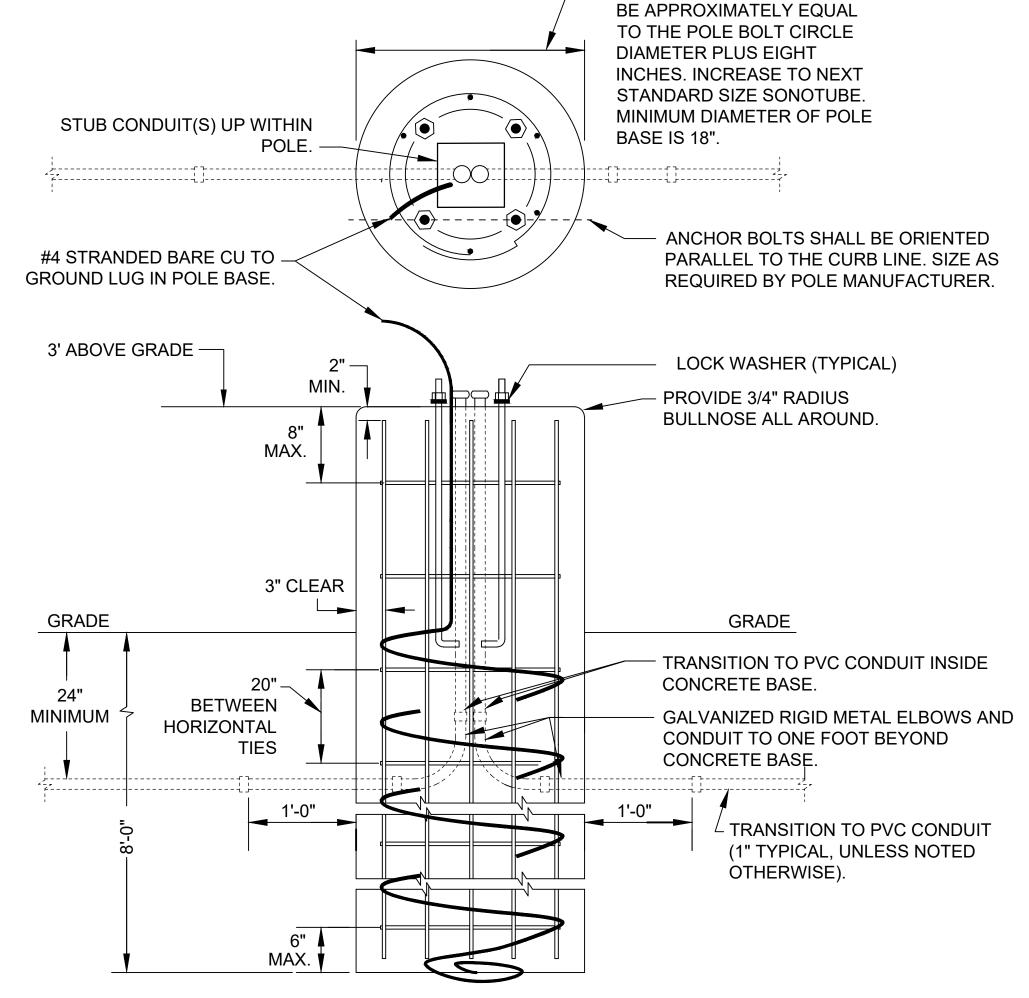






POLE BASE DIAMETER SHALL





CONCRETE AND HARDWARE NOTES

- 1. USE ANCHOR BOLTS FURNISHED BY POLE MANUFACTURER. VERIFY BOLT CIRCLE
- DIAMETER WITH MANUFACTURER. 2. APPLY "ANTI-SEIZE" LUBRICANT TO ALL ANCHOR BOLT THREADS.
- 3. USE #4 REBAR (TYPICAL).
- 4. THE EXPOSED SIDES OF THE CONCRETE BASE SHALL HAVE THE FORMS REMOVED
- AND THE CONCRETE RUBBED OUT TO A SMOOTH FINISH. 5. THE TOP OF THE CONCRETE BASE SHALL HAVE A BRUSH FINISH.
- 6. PROVIDE 3/4" RADIUS BULLNOSE ON TOP EDGE OF CONCRETE

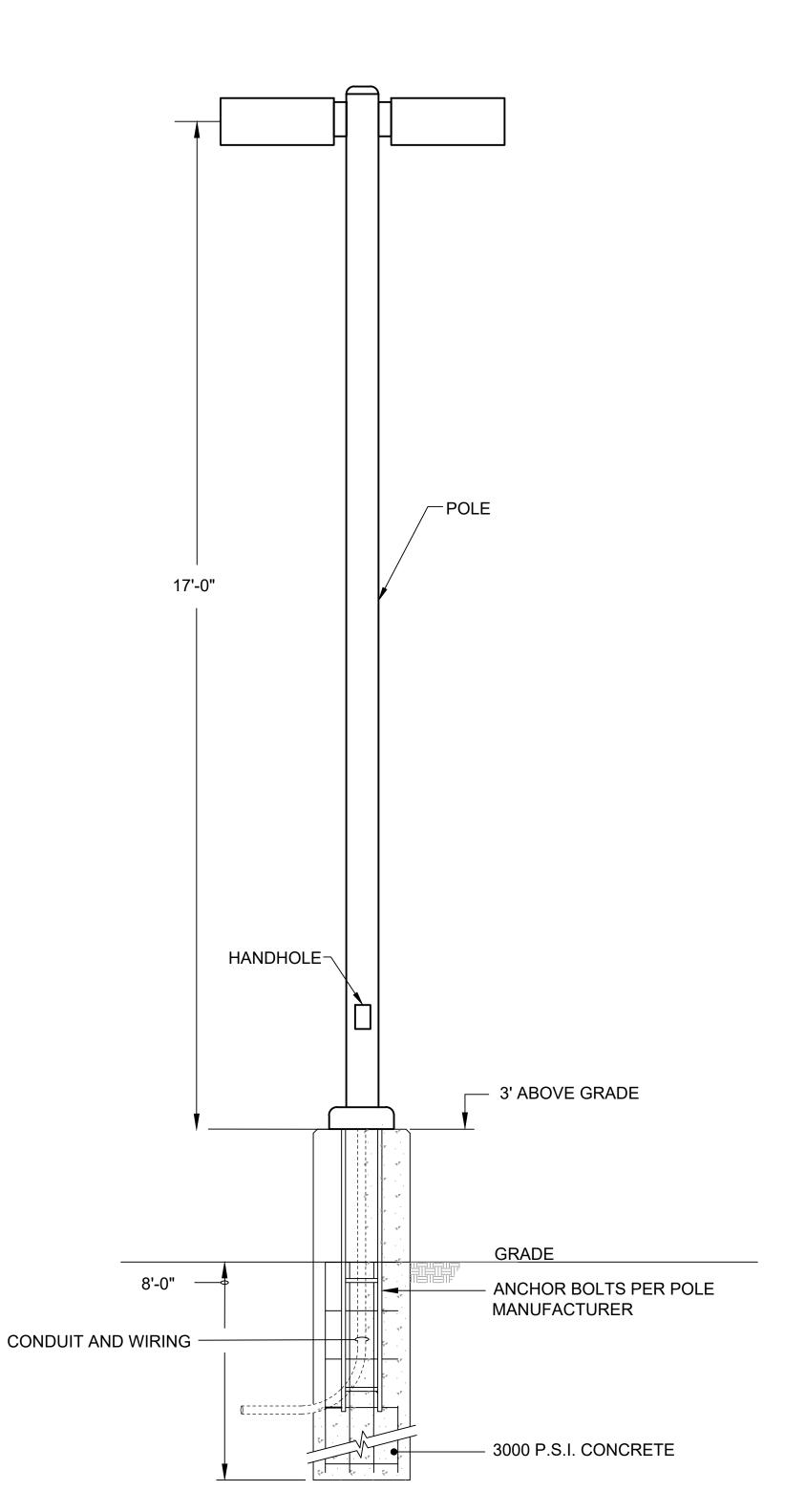
CONDUIT AND BOX NOTES:

- 1. FOR ROUTING MULTIPLE CONDUITS TO/FROM A POLE CONDUITS SHALL BE STUBBED OUT THE TOP OF THE CONCRETE BASE WITHIN THE POLE DIAMETER.
- WHEN USED, JUNCTION BOX SHALL FACE OPPOSITE TRAFFIC AND SNOW PLOWING.
- 3. PROVIDE A SPARE CONDUIT STUB AT EACH END-OF-LINE FIXTURE. SEE PLANS FOR ADDITIONAL SPARE STUBS.
- 4. PROVIDE A BUSHING ON ALL EXPOSED CONDUIT ENDS.

CONCRETE ENCASED (UFER) GROUNDING SYSTEM NOTES:

- 1. PROVIDE ERICO EK16 DIRECT BURY CLAMP (OR EQUAL) AT TOP OF REBAR CAGE. PROVIDE 23' OF #4 BARE COPPER STRANDED GROUNDING ELECTRODE CONDUCTOR.
- 3. EXTEND 3' OF CONDUCTOR OUT THE TOP OF POLE BASE FOR POLE GROUNDING.
- SPIRAL 10' MINIMUM OF CONDUCTOR AROUND OUTSIDE OF REBAR CAGE.
- 5. LOOP REMAINING CONDUCTOR AROUND REBAR CAGE AT BOTTOM OF POLE BASE IN CONTACT WITH EARTH.





2 LIGHT POLE WITH BASE DETAIL
2 SCALE: NONE



Revisions

CITY OF WAUKESHA PLAN

SCOPE DOCUMENTS

COMMISSION REVIEW

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LIGHTING FIXTURES, LIGHTING SCHEDULE, AND DETAILS

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