DUAL FACE LIGHT POLE

NOT TO SCALE

LIGHT POLE

STONE STRONG DUAL FACE UNIT

STIRRUPS

FILL VOIDS w/ CONCRETE FULL HEIGHT OF WALL

REINFORCING

WALL BASE (SEE DETAIL)

FORM ACROSS OPENING

REINFORCING

FILL VOIDS w/ CONCRETE FULL HEIGHT OF WALL

STIRRUPS

BOLTS PER ELECTRICAL (EXTENDED THROUGH DUAL FACE UNIT INTO CELL BELOW)

CHECK ON AVAILABILITY OF ALL UNITS w/ LOCAL PRODUCER/DEALER. SOME UNITS MAY HAVE LIMITED AVAILABILITY.

STONE STRONG SYSTEMS
www.stonestrong.com

DATE:3/29/17 FILE:01_DF_LightPole

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CONCRETE HEADWALL DETAIL

- Extend pipe 150mm beyond face of block
- Provide rip-rap erosion protection
- Adjust pipe alignment to fit wall opening

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NOTE:
WAVE AND ICE CONSIDERATIONS SHOULD BE EVALUATED TO DETERMINE THE MINIMUM BORDER HEIGHT AND RIPRAPH REQUIREMENTS. EROSION OF THE BASE AND WAVE OVERTOPPING CAN DESTABILIZE THE BORDER. ICE LOADS MAY ALSO CONTROL THE DESIGN.

POND BORDER WALL
CONCRETE BASE
NOT TO SCALE
NOTE:
WAVE AND ICE CONSIDERATIONS SHOULD BE EVALUATED TO DETERMINE THE MINIMUM BORDER HEIGHT AND RIPRAP REQUIREMENTS. EROSION OF THE BASE AND WAVE OVERTOPPING CAN DESTABILIZE THE BORDER. ICE LOADS MAY ALSO CONTROL THE DESIGN.

POND BORDER WALL
ROCK BASE
NOT TO SCALE
DETENTION WALL CROSS SECTION
NOT TO SCALE

NOTE:
NON-STANDARD APPLICATION —
REQUIRES ADAPTATION TO
SPECIFIC PROJECT.

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SPILLWAY ELEVATION

6SF END

24SF TOP UNIT

6SF END

T.O.W. ELEV.

T.O.F. ELEV.

NOTE:
NON-STANDARD APPLICATION — REQUIRES ADAPTATION TO SPECIFIC PROJECT.

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CONCRETE COPING DETAIL
NOT TO SCALE

#6 BENT DOWEL
BAR @ 1.0m o.c.

#4 BAR
CONTINUOUS

CENTER ADDITIONAL #4 BAR WHERE
HEIGHT OF COPING EXCEEDS 600mm

100mm ±

#4 BAR
CONTINUOUS

TOP OF WALL
(PER SCHEDULE)

BASE COURSE

LIFTING/ALIGNMENT LOOP

CONCRETE BARRIER & TIE
BAR S PER BARRIER DETAILS

CONCRETE COPING

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MOMENT SLAB
NOT TO SCALE

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CAST-IN-PLACE CONCRETE BRIDGE SEAT/BACKWALL

TOP OF WALL/BRIDGE SEAT ELEVATION

STONE STRONG 24SF RETAINING WALL TOP UNIT

AUTOMATIC SET BACK (102mm PER UNIT)

STONE STRONG 24SF RETAINING WALL UNIT

REINFORCEMENT IN EACH STONE STRONG UNIT BLOCK CELL. FILL EACH CELL FULL w/ 30MPa CONCRETE.

TOP OF CONCRETE FOOTING ELEVATION GRADE

BRIDGE ABUTMENT SECTION
NOT TO SCALE

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24SF UNIT LIGHT POLE

NOT TO SCALE

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