

NOTES:

COVERS MUST BE USED FOR PROTECTION ON ALL EXPOSED WHEELS AND/OR HARDWARE. COVERS ARE SHOWN HERE AS DASHED LINES. CONTRACTOR TO SUBMIT TO THE GOVERNMENT.

AS PER MANUFACTURER RECOMMENDATIONS FOR DEPTH OF DRIVE CHAIN HEIGHT

AS PER MANUFACTURER RECOMMENDATIONS

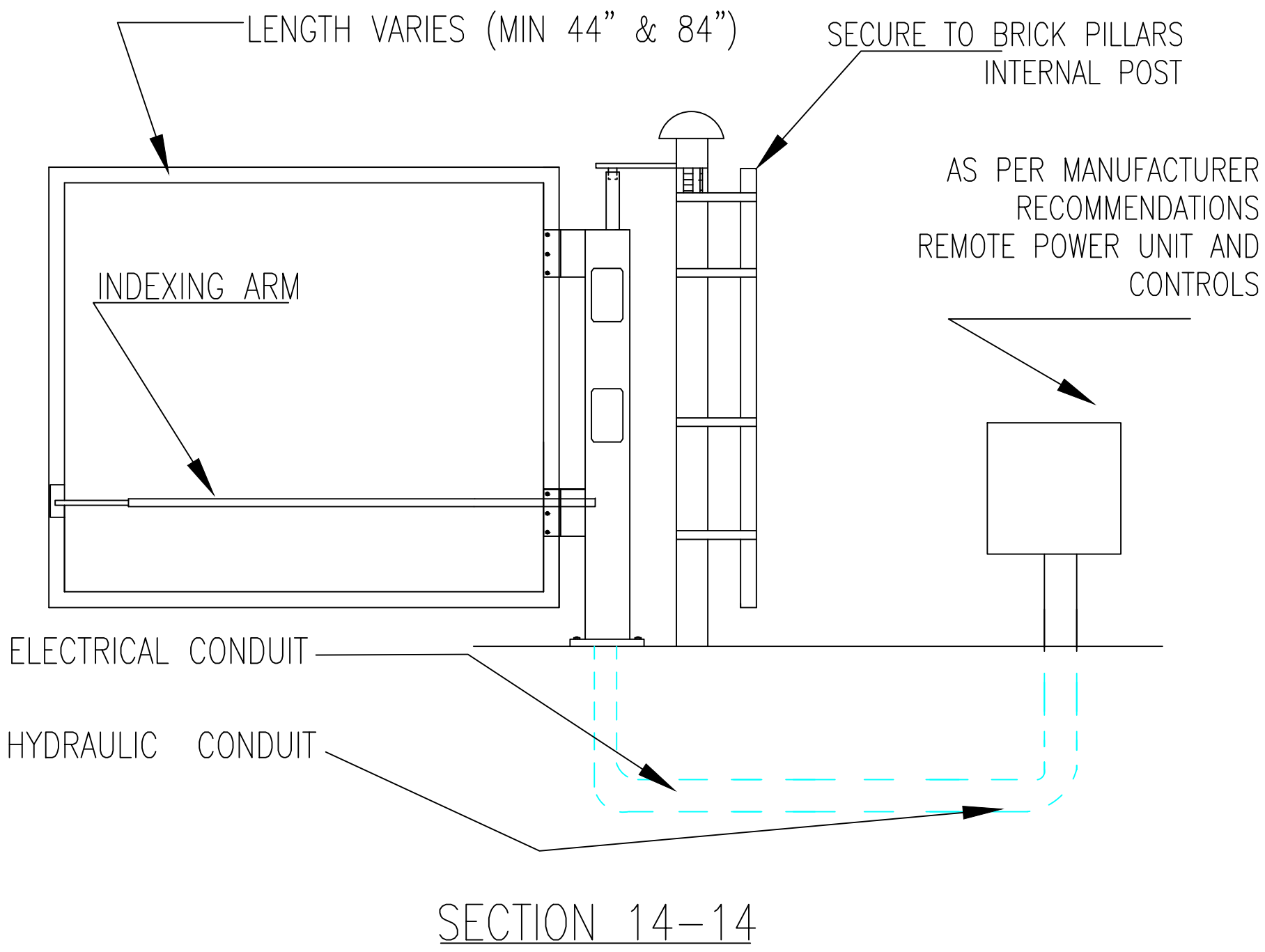
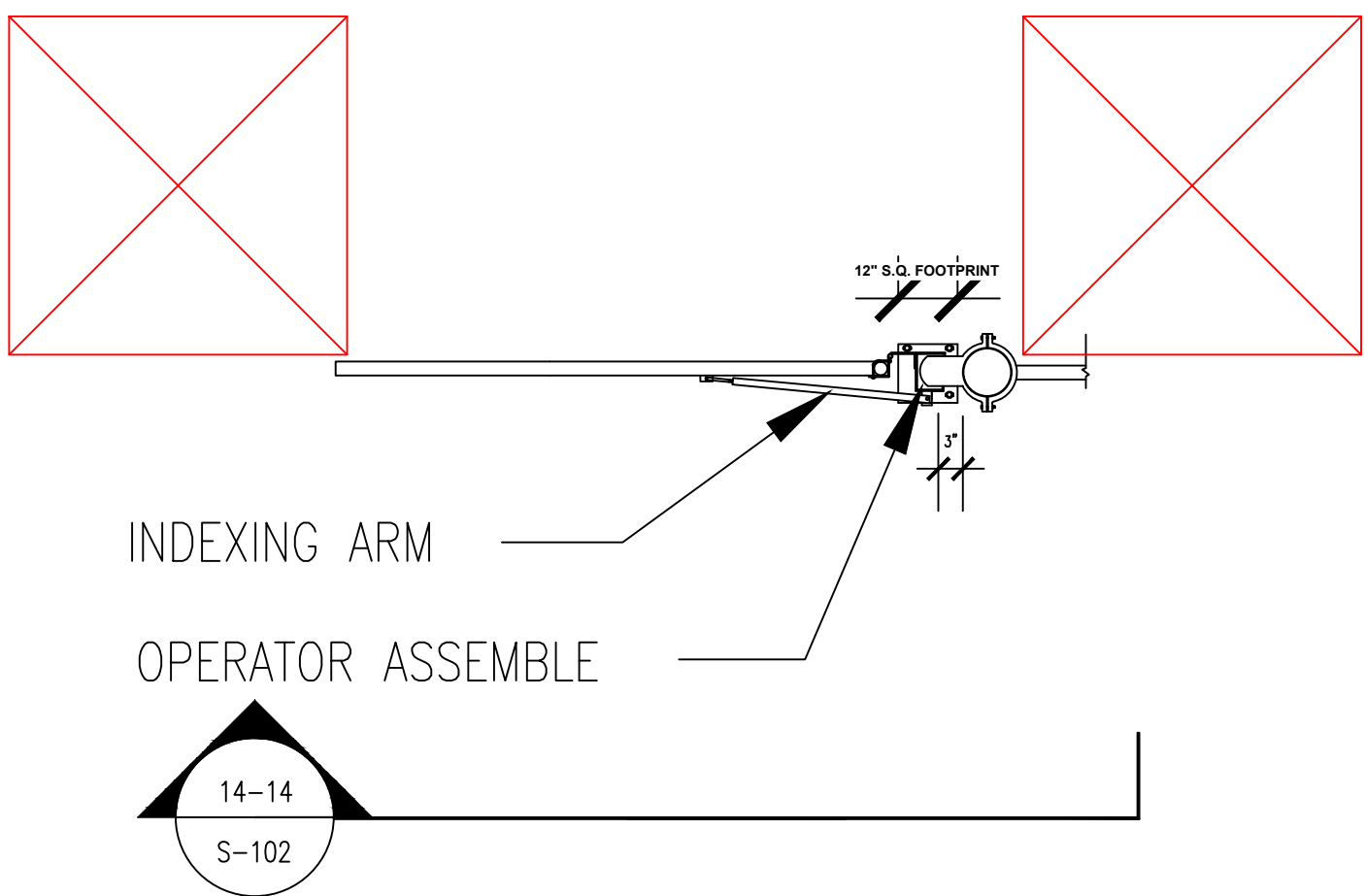
DETAIL 11 & 12

SECTION 6-6  
CANTILEVER GATE DETAILS

KEY NOTES:

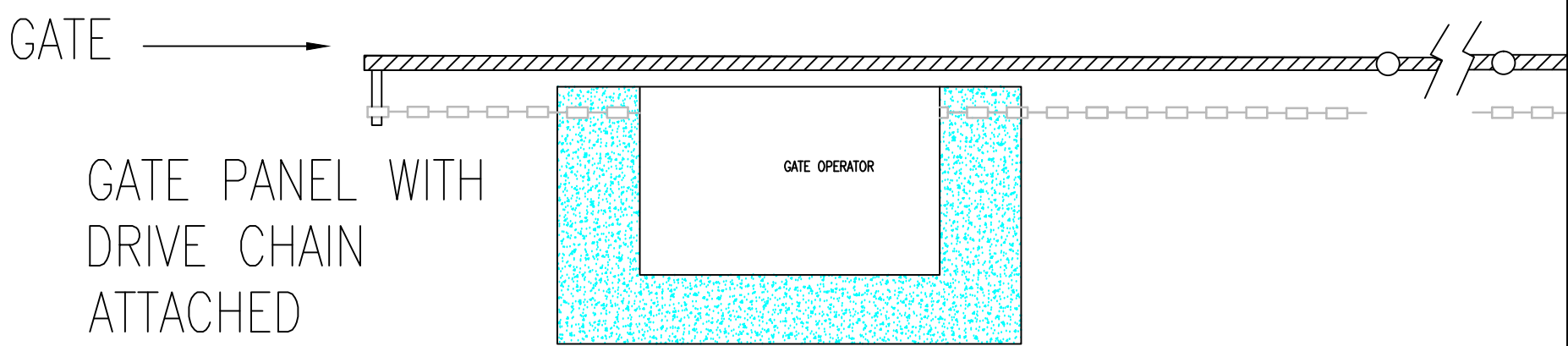
- FOLLOW THE LOCAL BUILDING CONTRACT DOCUMENTS, DRAWINGS, MANUFACTURER RECOMMENDATIONS, AND LOCAL BUILDING CODE.
- ALL OPENINGS OF HORIZONTAL SLIDE GATES ARE TO BE GUARDED IN A MANNER TO PREVENT 2 1/2" INCH DIAMETER SPHERE FORM PASSING THROUGH HE OPENINGS ANYWHERE IN THE GATE AS PER MANUFACTURER RECOMMENDATIONS
- REFER TO MANUFACTURER RECOMMENDATIONS FOR CONCRETE PAD MEASUREMENTS FOR OPERATORS SYSTEM TO BE PLACE.
- REFER TO MANUFACTURER RECOMMENDATIONS FOR THE TRACK THAT THE GATE MUST TRAVEL ON.
- PROVIDE SUFFICIENT NUMBER OF CONDUIT PATHWAYS FOR ALL LOW POWER ACCESSORIES SUCH AS LOOP DETECTORS LEADS, MAGLOCK, NON-CONTACT SENSORS, CONTACT SENSORS, SAFETY AND OTHER COMMANDS.
- ALSO PROVIDE CONDUIT FOR THE POWER SUPPLY AS PER MANUFACTURER RECOMMENDATIONS.
- BEFORE STARTING THE INSTALLATION PROCEDURES OPEN AND CLOSE THE GATE MANUALLY TO MAKE SURE THERE IS SUFFICIENT SPACE BETWEEN THE GATE AND OPERATING SYSTEMS.
- CHECK WHEELS ARE TURNING FREELY ON THE TRACK AND THERE ARE NO BINDING WHILE PUSHING THE GATE TO THE OPEN AND CLOSE POSITIONS.
- CONFIRM THAT THERE IS ADEQUATE SPACING FOR THE GUIDE ROLLERS AND THAT THERE IS NO RESTRICTIONS THROUGHOUT THE TRAVEL OF THE GATE.
- MOUNT THE OPERATOR WITH AT LEAST FOUR MOUNTING BOLTS TO CONCRETE STRUCTURE
- BEFORE ANCHORING THE CHASSIS OF OPERATOR TO THE CONCRETE PAD CONTRACTOR TO ENSURE THE OPERATOR IS LEVEL AND PARALLEL IN OPERATIONS.
- MINIMUM DISTANCE BETWEEN THE OPERATOR AND GATE SHALL BE AS PER MANUFACTURER RECOMMENDATIONS.
- ATTACHED THE DRIVE CHAIN TO VERTICAL MEMBER OF THE GATE AS PER MANUFACTURER RECOMMENDATIONS.
- CONNECT THE ELECTRICAL POWER AND GROUNDING WIRE AS PER DOCUMENTS AND SPECIFICATIONS.
- INSTALLATION OF SOLAR PANELS AS PER MANUFACTURER RECOMMENDATIONS
- VEHICLE LOOP DETECTORS MUST BE INSTALLED TO DECREASE THE POSSIBILITY OF VEHICLE ENTRAPMENT ON THE GATE. (EDGE SENSOR/PHOTOELECTRIC BEAM PART OF EVERY INSTALLATION TO PREVENT PEDESTRIAN OR ANIMAL ENTRAPMENT) UL 325 COMPLIANT DEVICES.
- OBSTRUCTION SENSOR TO BE INSTALLED IN THE PATH OF TRAVELING GATES.
- ALL GATES MUST HAVE AN AUTO-OPEN FEATURE.
- ALL GATES TO HAVE LIMIT SETTING FOR FINAL STOP OF GATE.
- INSTALLATION OF COMMUNICATION DEVICE AS PER GOVERNMENT AND MANUFACTURER RECOMMENDATIONS.
- SHOP DRAWINGS OF GATES SHALL BE PRODUCE AND SUBMITTED TO THE GOVERNMENT.

SECTION 13-13  
TOP VIEW SWING GATE

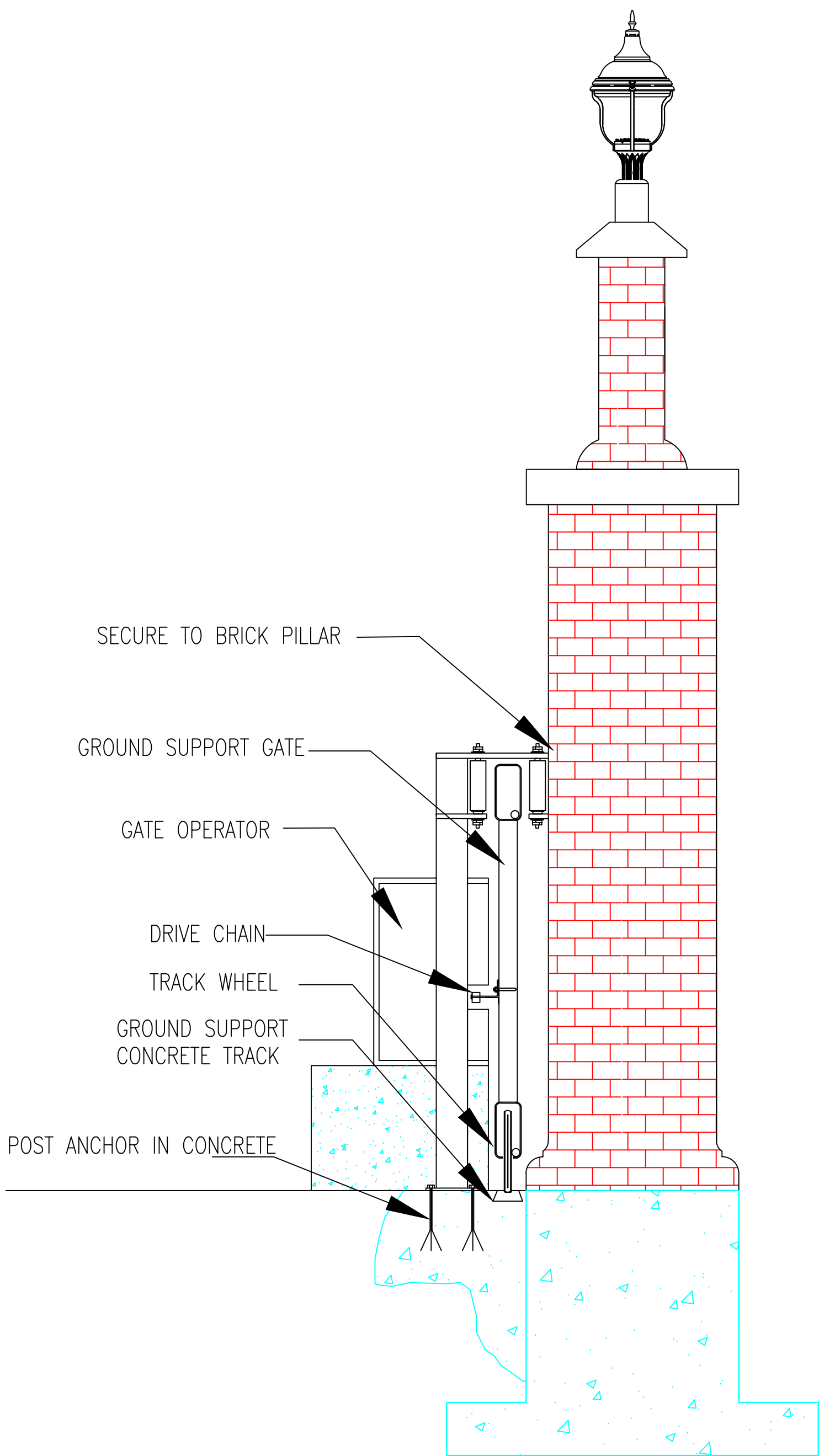


SECTION 14-14

TOP VIEW OF DRIVER OPERATOR

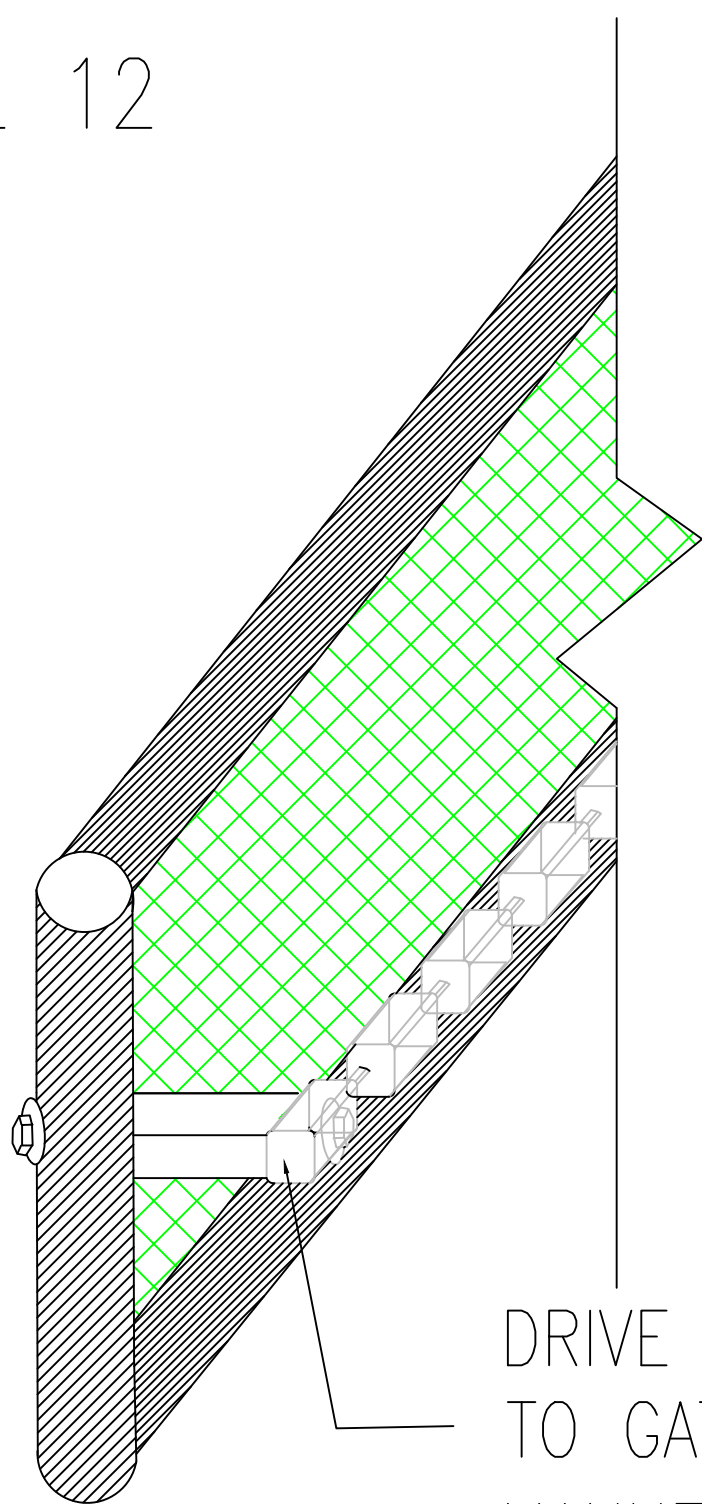


GATE OPERATOR IS INSTALLED ON A CONCRETE PAD AS PER MANUFACTURER RECOMMENDATIONS

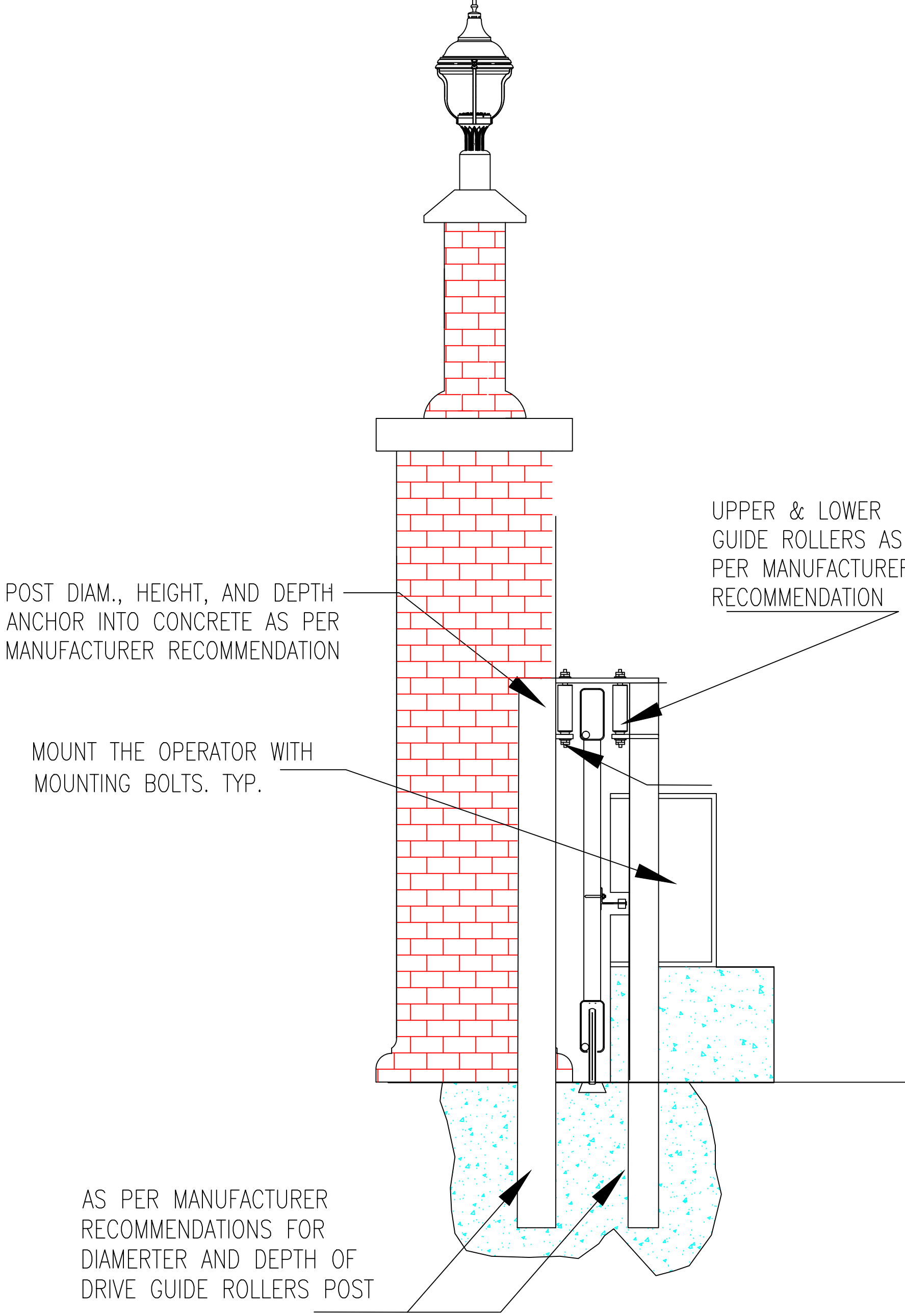


SECTION 4-4  
ROLLER GATE DETAIL

DETAIL 12



DRIVE CHAIN TO BE CONNECT TO GATE AS PER MANUFACTURER'S RECOMMENDATIONS



SECTION 5-5  
ROLLER GATE DETAIL

VIKING H-10 SLIDE GATE OPERATOR OR EQUIVALENT

GATE 4,5,6,7	2,000 lb. GATE SLIDE DRIVER
OPERATION VOLTAGE	24 VDC 1 hp
MAIN POWER SOURCE	120/220 VAC SINGLE PHASE
BATTERY	7 AmpHr 12 VDC x 2
MAX OPENING SPEED	12" PER SECOND
MAX DUTY CYCLE	100 % CONTINUOUS CYCLE
OPERATING TEMP.	-4 F to 158 F

VIKING J-5 SWING GATE OPERATOR OR EQUIVALENT

GATE 8,9	600 lb. GATE SWING DRIVER
OPERATION VOLTAGE	24 VDC 1/2 hp
BATTERY	7 AmpHr 12 VDC x 2
OPERATING TEMP.	-4 F to 158 F
OPERATING SPEED	400 FULL CYCLES (600LBS./12" GATE)
MAX GATE LENGTH	16 FEET

Revision	Date

RECOMMEND APPROVAL			
REQUESTER	Date	CHIEF OF STAFF	Date
CHIEF OF SERVICE	Date	ASSOC. DIR. for OPERATIONS	Date
ASSOC. DIR. PATIENT CARE SVC.	Date		
APPROVAL BY:	Date		
MEDICAL CENTER DIRECTOR			

Drawing Title
STRUCTURAL SECTION VIEWS
Approved: Safety Manager/M&O Supervisor
Approved:Chief of Facilities Management Svr.

Project Title
W.G. "BILL" HEFNER MEDICAL CENTER SALISBURY, NC
Building Number
CAMPUS
Checked
BLF
Drawn
BLF
Location
W.G.(Bill) Hefner Medical Center 1601 Brenner Ave. Salisbury NC 28144

Date
10 NOV 2011
Project No.
659 11 239
DRAWING NO.
S-102
DWG. 8 OF 8



Department of  
Veterans Affairs