

#### GENERAL NOTES

1. THE DESIGN ASSUMES THAT THE GATES ARE MOUNTED ON POSTS THAT ARE INDEPENDENT OF THESE BRICK COLUMNS IN A MANNER THAT TRANSMITS NO LOAD TO THE BRICK COLUMNS. SUB-GRADE BEARING CAPACITY SHALL BE TESTED FOR MINIMUM OF 2,000 PSF.
2. MINIMUM COVER FOR REINFORCING BARS SHALL BE AS SHOWN SPACERS SHALL BE OF NON-CORRODABLE MATERIALS. CONCRETE SHALL BE 4,000 PSI WITH 5% AIR ENTRAINMENT. ALTERNATIVE ANCHOR BOLTS USING EPOXY IN DRILLED HOLES SHALL BE
3. ACCEPTABLE CONTRACTOR SHALL SUBMIT LAMP MANUFACTURER'S DATA
4. FOR ANCHOR REQUIREMENTS AND ANCHOR AND EPOXY MANUFACTURERS DATA ON LOAD CAPACITIES INSTALLATION SHALL BE STRICTLY ACCORDING TO MANUFACTURERS INSTRUCTIONS.
5. CONDUIT AND GROUND WIRE SHALL BE POSITIONED TO BE CLEAR OF LOCATIONS AND OF DRILLED HOLES FOR ANCHORS
- 6.

#### DESIGN ASSUMPTIONS:

1. GATES ARE MOUNTED ON INDEPENDENT POST, NO LOAD FROM GATES.
2. 90 MPH WIND LOAD
3. IN SITU SOIL IS WELL, COMPACTED, NOT IN BOGGY, MARSHY AREAS,
4. NOR SUBJECT TO FLOODING.
5. BEARING CAPACITY OF SOIL SUB-GRADE IS 2,000 PSF FROST LINE IS 12 IN. BELOW GRADE.

#### NOTES:

MIN OF 36" EMBEDMENT INTO CONCRETE AND FOR LENGTH OF POST, REFER TO DRAWING S-101 FOR TOTAL HEIGHT OF FENCE TO BE MIN 8 FEET.

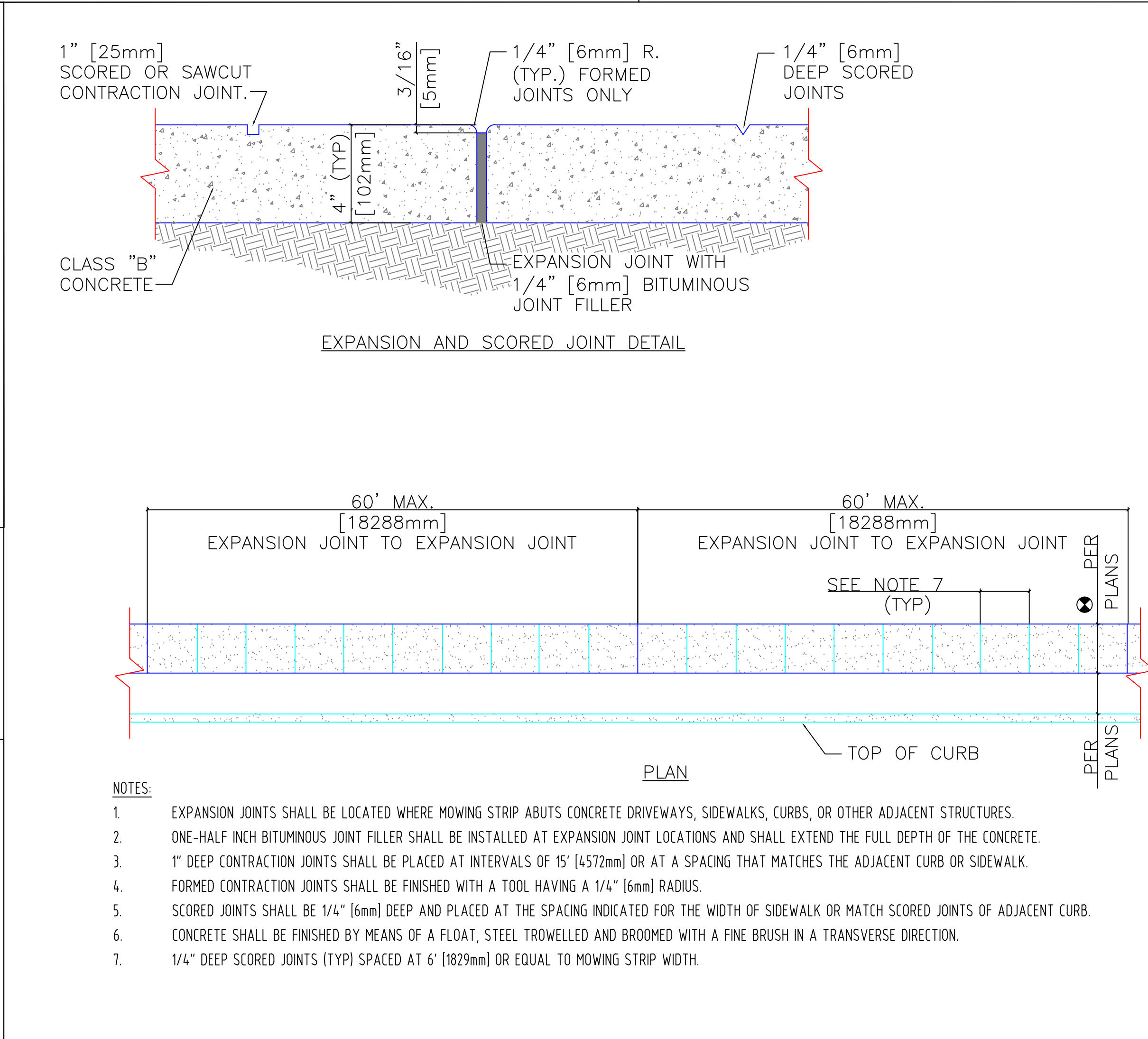
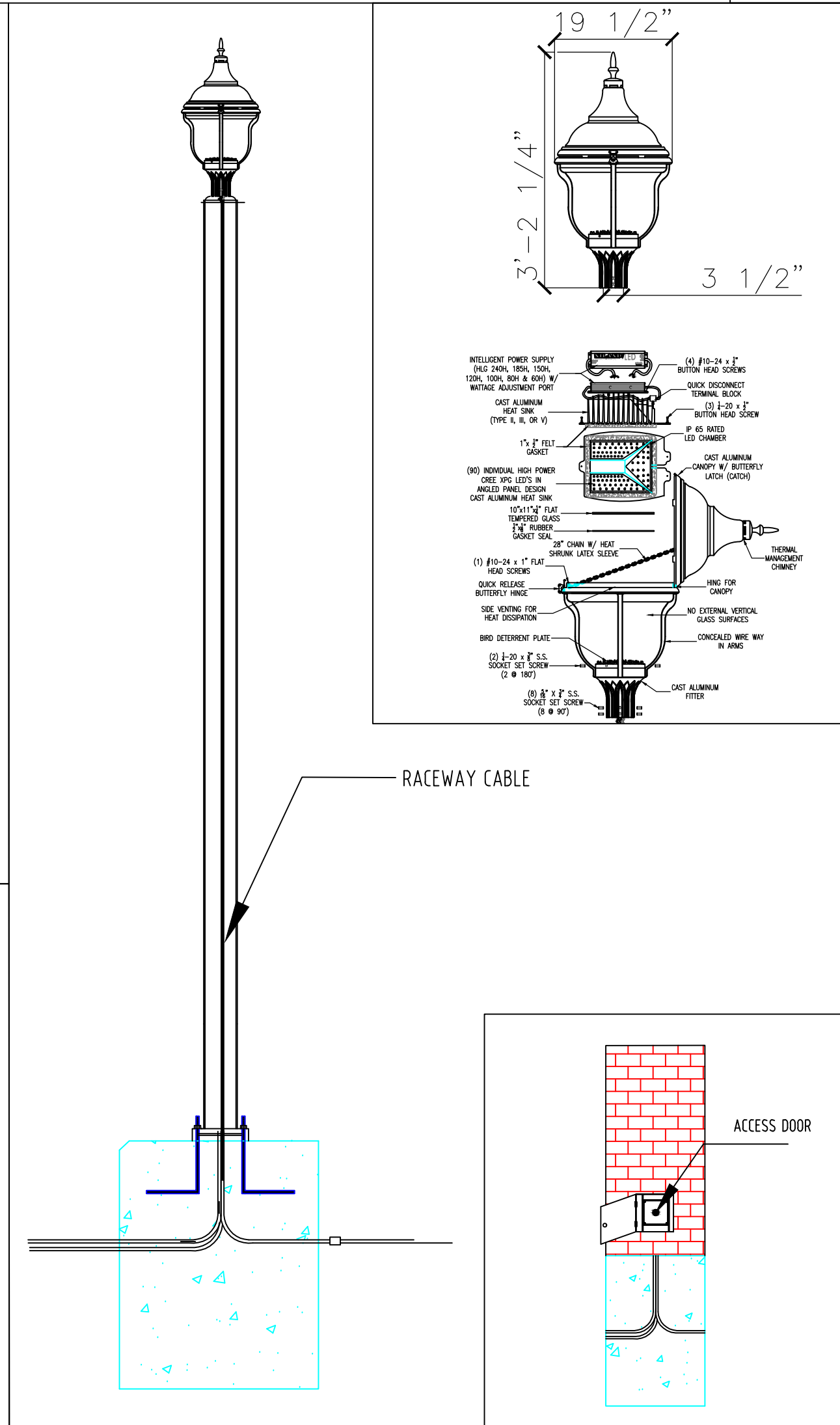
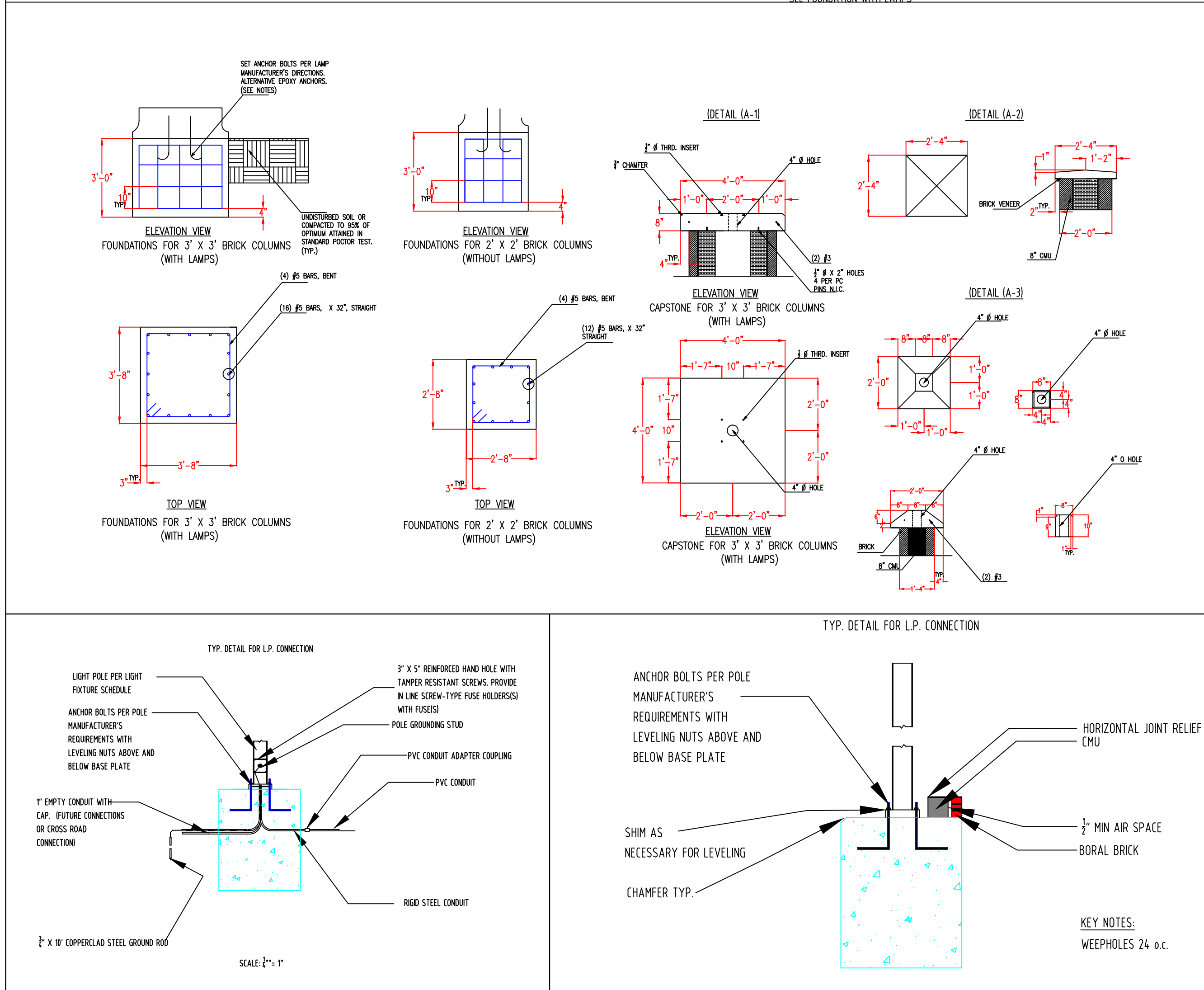
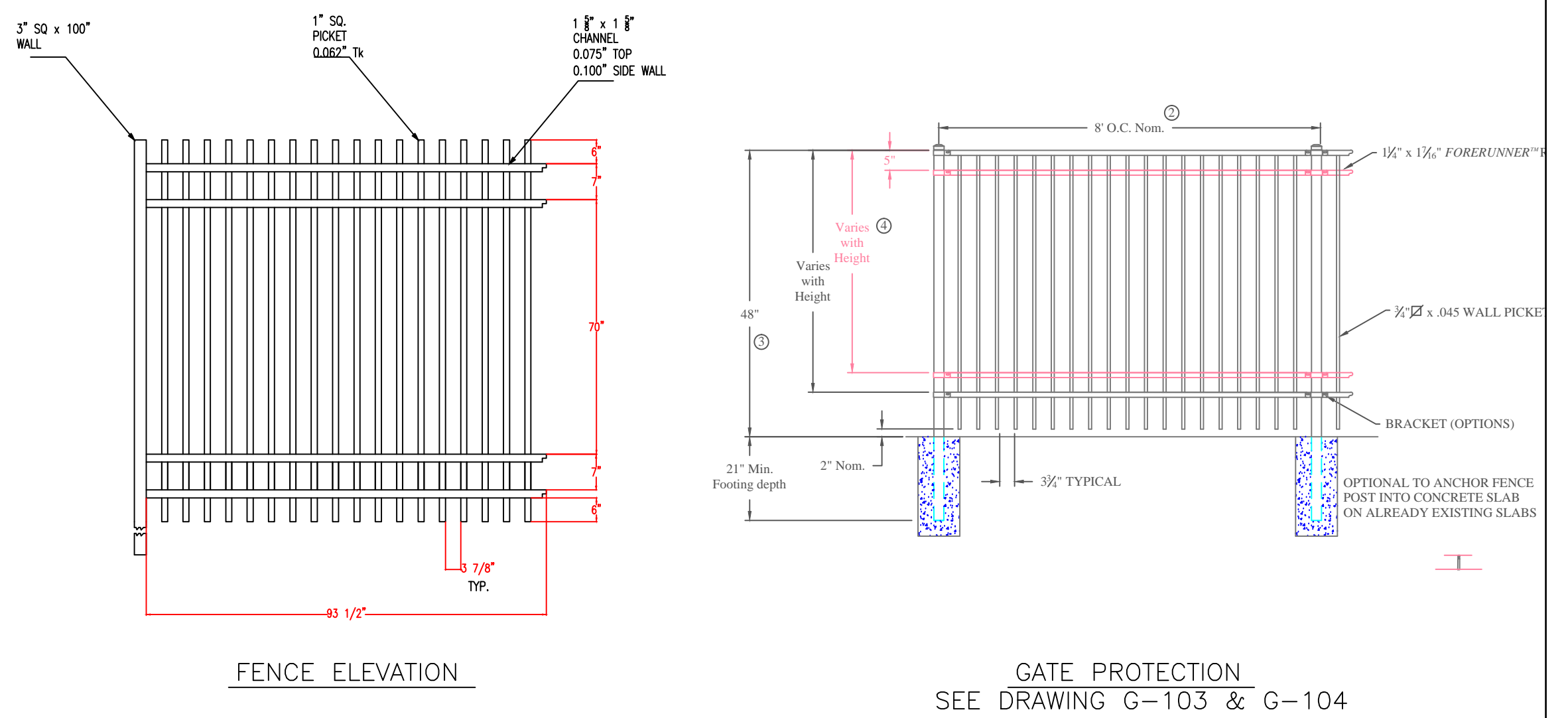
ALL PICKET TOPS AND POST TOP ARE TO BE IN A STRAIGHT UNIFORM APPEARANCE. ALL POST AND PICKETS ARE TO BE IN VERTICAL ALIGNED. STEPPING OF THE PERIMETER FENCE IS NOT ACCEPTABLE.


ALL VERTICAL AND HORIZONTAL RAILS TO CONFORM TO THE REQUIREMENTS OF AMERISTAR, ECHELON II, OR EQUIVALENT AS PER S-101.

ALL FENCE SECTION TO MATCH AND BE SAME MANUFACTURER. REMOVE TREE ROOTS AND SHRUBS IN THEIR ENTIRETY.

#### KEY NOTES

- CONTRACTOR TO PERFORM UTILITY DETECTION TO LOCATE ALL EXISTING UTILITIES IN AREA OF WORK SUBMIT TO GOVERNMENT IN ORDER TO BE ISSUE A DIGGING PERMIT.
- CONTRACTOR MUST DEVELOP A CONTINGENCY PLAN FOR OPERATION TO BE PERFORM WHICH INCLUDES BUT NOT LIMITED TO; DISRUPTION OF UTILITIES, DISRUPTION OF AVENUES OF APPROACH INTO AND OUT OF THE CAMPUS AREA, OBSTRUCTION TO DAILY CAMPUS OPERATIONS, AND/OR ANY ISSUES THAT MIGHT ARISE DURING FENCING OPERATIONS. THIS PLAN SHALL BE SUBMITTED TO COTR 21 DAYS BEFORE CONSTRUCTION OPERATIONS TO ENSURE PROPER COORDINATE THAT ENSURE THE CONCERNS OF THE VA ARE MET.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY EXISTING UNDERGROUND OR ABOVE UTILITIES THAT ARE DAMAGED DURING OPERATION. IF QUESTION ARISE COORDINATE WITH COTR 72 HOURS IN ADVANCE SO ALL PARTIES ARE INFORMED OF THE SITUATION AND CAN PROVIDE ASSISTANCE.
- A SITE SURVEY OF THE AREA MUST BE PERFORM AND LAYOUT OF BRICK PILLARS SHALL BE MARKED OR NOTED.
- THE CONTRACTOR SHALL STORE ALL MATERIAL AT AGREED ON LAY DOWN AREA AND SHALL BE THE CONTRACTOR'S RESPONSIBILITY FOR ALL EQUIPMENT AND/OR MATERIALS.
- ALL CONCRETE CASTING PROCEDURES MUST BE AS PER SPECIFICATIONS.
- CONTRACTOR TO SUBMIT FENCE SYSTEM FOR GOVERNMENT APPROVAL. GATE AND FENCE MUST BE A MINIMUM 8 FEET IN HEIGHT AND THE SPAN OF EACH SECTION CAN BE DETERMINE BY THE CONTRACTOR, BUT THE DESIGN IS BASED ON 8 FEET SPAN, BUT NO MORE THAN 12' SPAN.
- LIGHT POLE ELECTRICAL WORKS TO BE PERFORMED AS PER CONTRACT DOCUMENTS/DRAWINGS AND SPECIFICATIONS.



REVISION: CORRECT PAGE #	21 AUG 2013					RECOMMEND APPROVAL		Drawing Title STRUCTURAL DETAILS		Project Title FENCE ALONG HEDRICK		Date 30 APR 2013			Department of Veterans Affairs		
		REQUESTER		Date	CHIEF OF SERVICE		Date	CHIEF OF STAFF		Date	Project No. 659 -14-010						
		ASSOC. DIR. PATIENT CARE SVC.		Date	ASSOC. DIR. for OPERATIONS		Date	Approved: Safety Manager/M&O Supervisor		Building Number CAMPUS		Checked	Drawn BLF			DRAWING NO. S-101	
		APPROVAL BY:		Date	MEDICAL CENTER DIRECTOR		Date	Approved:Chief of Facilities Management Svr.		Location W.G.(Bill) Hefner Medical Center 1601 Brenner Ave. Salisbury NC 28144		DWG. 7 OF 10					
Revision	Date																