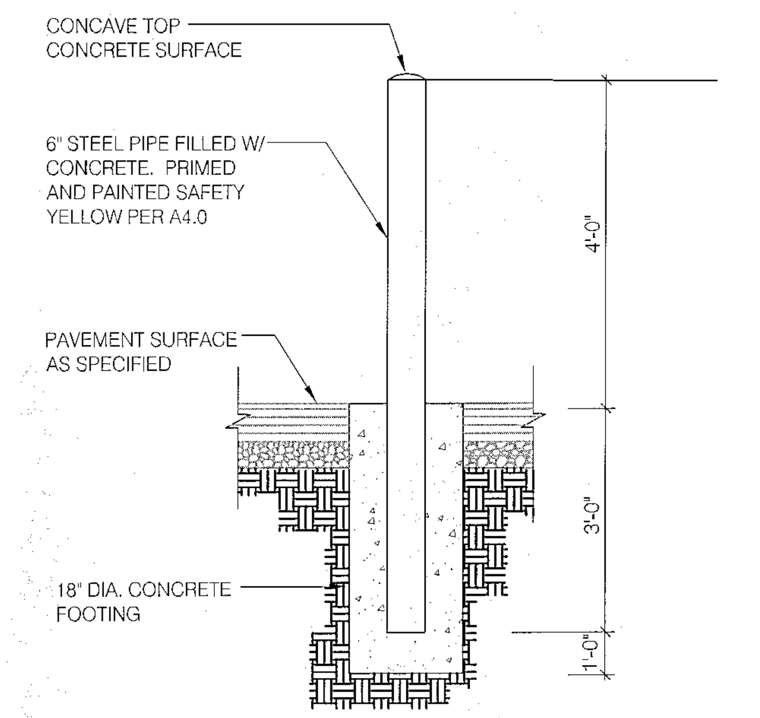
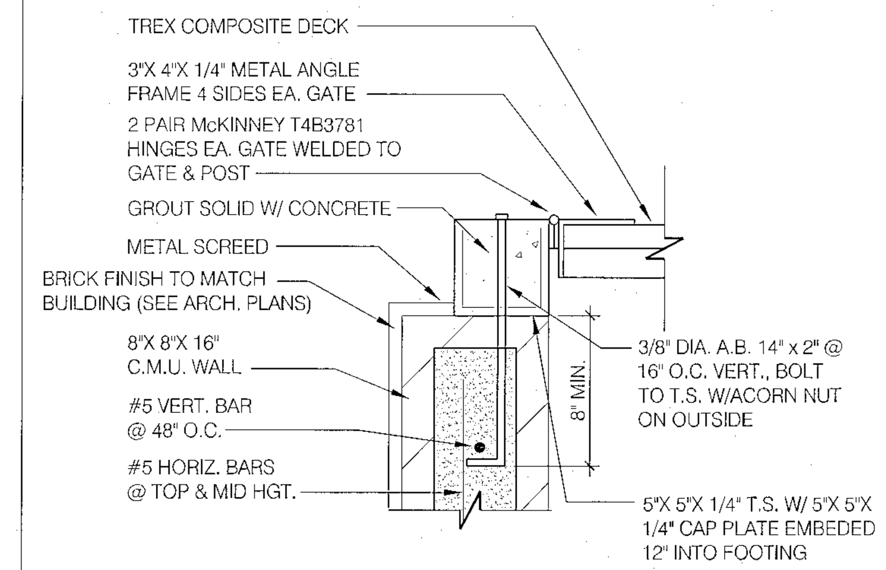


BOLLARD DETAIL

N.T.S.



JAMB DETAIL

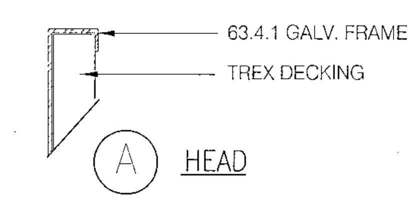
N.T.S.

GATE NOTES:

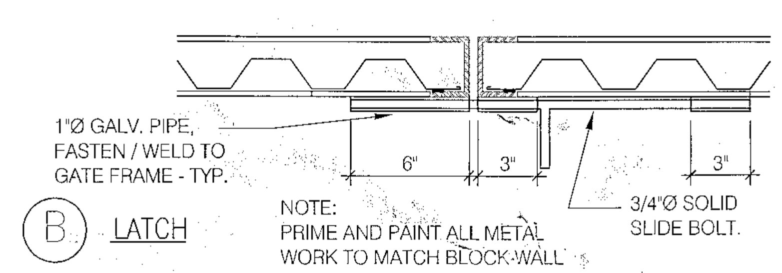
(2) EQUAL (±6'-0") WIDE x 6'-0" HIGH GATES, TREX COMPOSITE DECKING, 22GA. W/ T.S. 5 X 5 X .1875 BAR CROSS BRACING WELD AND GRIND SMOOTH ALL CONNECTIONS, TYP. PRIME AND PAINT COLOR TO MATCH PLASTER.

GATE HARDWARE:

1. ALL HARDWARE AND ACCESSORIES SHALL BE HEAVY GALVINIZED.
2. GATE STOP - MUSHROOM TYPE OR FLUSH PLATE WITH ANCHORS SET IN CONCRETE TO ENGAGE THE CENTER DROP ROD OR PLUNGER BAR.



(A) HEAD



(B) LATCH

NOTES:

1. LOCATION SHALL BE APPROVED BY THE PUBLIC WORKS DEPARTMENT.
2. AREAS SHALL BE ACCESSIBLE FOR DELIVERY AND COLLECTION.
3. GATES SHALL BE TREX DOORS AND MUST BE APPROVED BY PUBLIC WORKS DEPARTMENT PRIOR TO INSTALLATION.
4. GATE LATCHES SHALL BE OF THE PLUNGER BAR TYPE OR EQUIVALENT AS APPROVED BY THE PUBLIC WORKS DEPARTMENT.
5. SEE ATTACHED SPECIFICATIONS, NOTES AND PROCEDURES

TRASH ENCLOSURE DETAIL MATERIAL SPECIFICATIONS:

1. CONCRETE BLOCK: 6" MINIMUM IN SIZE. ASTM C90.
2. REINFORCING STEEL: ASTM 615. GRADE 40.
3. ACCEPTABLE SOIL TYPES:
A. MIN. ALLOWABLE BEARING: 1000 LBS'/SQ. FT
B. MIN. LATERAL BEARING: 100 LBS'/SQ. FT./FT.
C. MAX EXPANSION INDEX: 20
4.CONCRETE: 2000 LBS'/SQ. IN. IN 28 DAYS.
5. MORTAR: 1: 1/4:3 (PORTLAND CEMENT: HYDRATED LIME OR LIME PUTTY: SAND. BY VOLUME). MIXED TO PLASTIC CONSISTENCY. REFER TO UBC TABLE 24-A FOR OTHER TYPES OF CEMENT.
6. GROUT: 1:1/10:3 (PORTLAND CEMENT: HYDRATED LIME OR LIME PUTTY: SAND BY VOLUME).MIX TO FLOW WITHOUT SEGREGATION. GROUT MAY CONTAIN 2 PARTS PEA GRAVEL (3/8" MAX. SIZE).
MINIMUM COMPRESSIVE STRENGTH: 2000 LBS/SQ. IN. REFER TO UBC TABLE 24-B FOR OTHER TYPES OF CEMENT.

GENERAL NOTES:

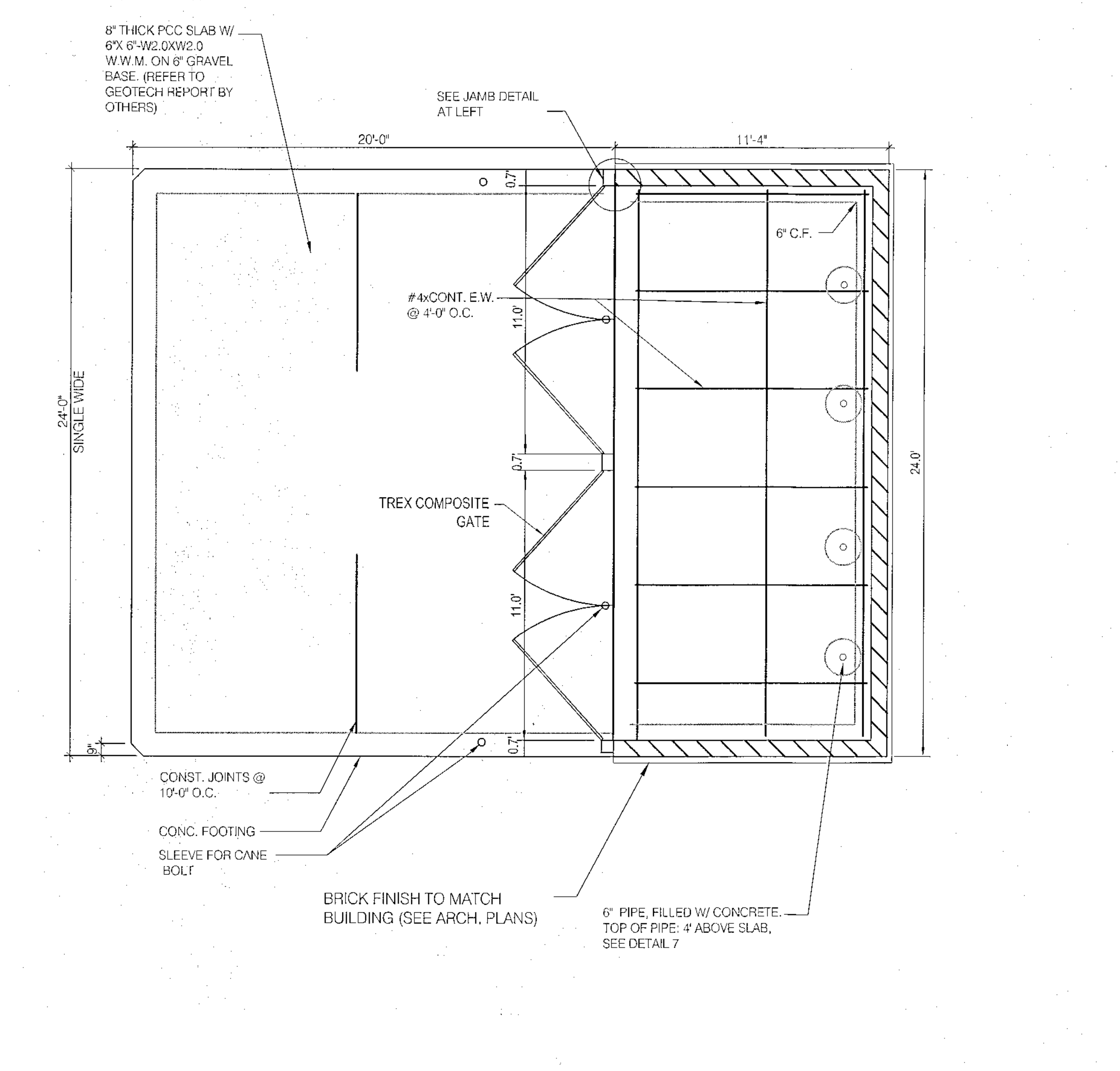
1. THIS DESIGN IS FOR AVERAGE CONDITIONS AND MAY NOT BE SUITABLE FOR ALL CASES. IT IS RECOMMENDED THAT A LICENSED CIVIL OR STRUCTURAL ENGINEER BE CONSULTED.
2. FOOTINGS SHALL BE IN NATURAL SOIL OR CERTIFIED FILL..
3. BLOCKS TO BE STAGGERED (RUNNING BOND).
4. ALL CELLS CONTAINING REINFORCING STEEL SHALL BE GROUTED.
5. APPROVED GROUT STOPS ARE REQUIRED BELOW HORIZONTAL STEEL IN PARTIALLY GROUTED WALLS. BAGS. NEWSPAPERS, ETC. ARE NOT APPROVED GROUT STOPS.
6. INITIAL BED JOINT SHALL BE 1/4"MIN. 1 "MAX. SUBSEQUENT BED JOINTS SHALL BE ¼"- MIN., ⅝" *MAX.*
7. VERTICAL CONTINUITY OF CELLS SHALL BE UNOBSTRUCTED. M0RTAR PROJECTIONS SHALL NOT EXCEED ½" FOR 6" AND LARGER BLOCK. MORTAR DROPPINGS OR OTHER FOREIGN MATTER ARE NOT PERMITTED IN CELLS AND MUST BE REMOVED.
8. EXPANSION JOINTS REQUIRED AT 60'-0· MAX. INTERVALS.
9. REQUIRED BAR LAPS:
A. VERTICAL STEEL : 30 BAR DIAMETERS.
B. HORIZONTAL STEEL: 40 BAR DIAMETERS.
C. WIRE JOINT REINFORCEMENT IN THE MORTARED BED JOINT: 75 WIRE DIAMETERS OR IN ALTERNATE BED JOINTS OF RUNNING BOND. 54 DIAMETERS PLUS TWICE THE BED JOINT SPACING.
10. WHERE HORIZONTAL WIRE JOINT REINFORCEMENT IS REQUIRED OR UTILIZED. IT SHALL BE EQUIVALENT TO TWO 3/16' DIAMETER BARS CONNECTED AT 16" INTERVALS BY NO. 9 GAUGE WELDED WIRE.
11. FOR PIPES AND CONDUIT EMBEDDED IN MASONRY, REFER TO SEC. 24-07(g). UBC.
12. 3" MIN. COVER REQUIRED FOR REINFORCEMENT IN CONCRETE WHICH IS CAST AGAINST EARTH.

INSPECTION PROCEDURES:

1. FOUNDATION: AFTER TRENCHES ARE DUG, STEEL IS TIED IN PLACE AND BEFORE ANY CONCRETE IS POURED.
2. PREGROUT: AFTER ALL BLOCKS (EXCEPT CAP) ARE IN PLACE. VERTICAL AND HORIZONTAL STEEL IS IN PLACE, GROUT STOPS (FOR PARTIALLY GROUTED MASONRY) ARE IN PLACE. AND PRIOR TO GROUTING.
3. FLNAL: AFTER GROUT IS IN PLACE AND PRIOR TO PLACEMENT OF CAP.

GATE DETAILS

N.T.S.



PLAN VIEW

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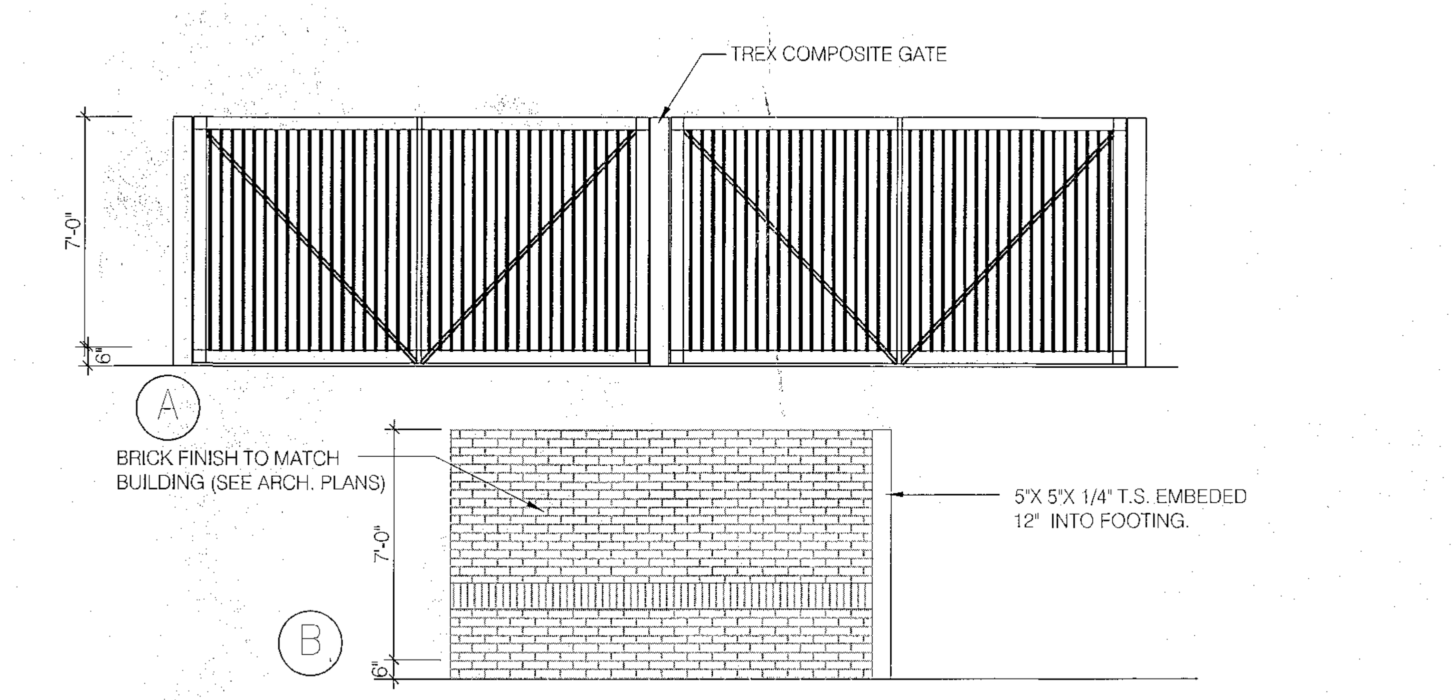
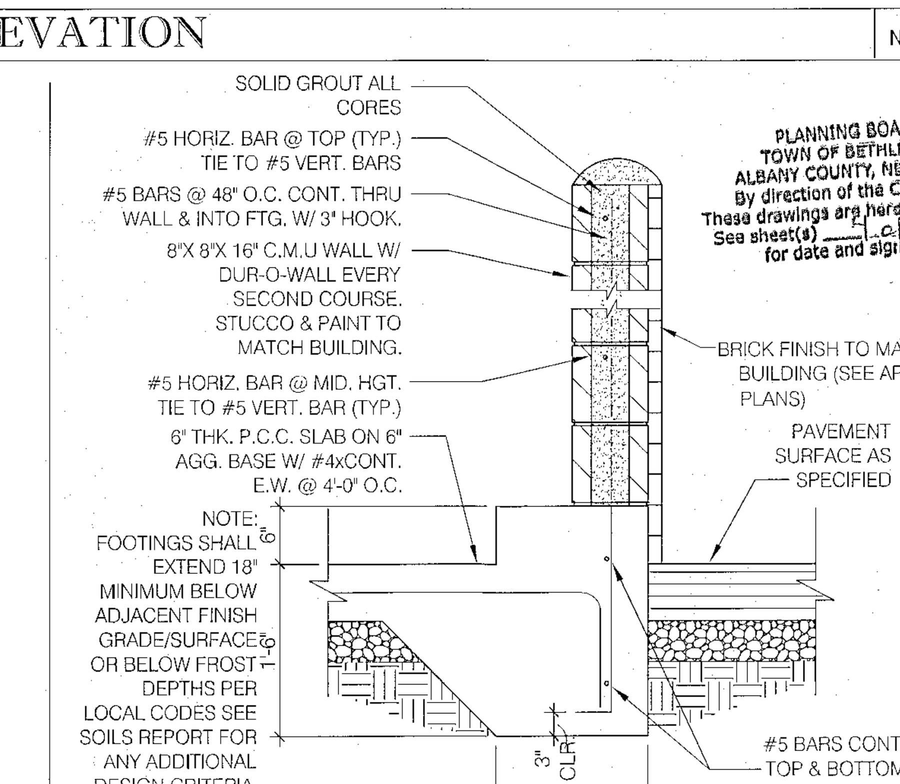


ELEVATION

N.T.S.

TOWN OF BETHLEHEM, NEW YORK
PLANNING DEPT. ORIGINAL
- SCANNED -
0 1 INCHES 2



PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK
By direction of the Chairman.
These drawings are hereby approved.
See sheet(s) 1 of 16 for date and signature

SECTION

N.T.S.

THE EDUCATION LAW OF THE STATE OF NEW YORK PROHIBITS ANY PERSON ALTERING ANYTHING ON THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS, UNLESS IT IS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. WHERE SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL ENGINEER MUST SIGN, SEAL, DATE AND DESCRIBE THE FULL EXTENT OF THE ALTERATION ON THE DRAWINGS AND/OR IN THE SPECIFICATIONS. (NYS EDUCATION LAW SECTION 7209-2)

BOHLER ENGINEERING
CIVIL & CONSULTING ENGINEERS
SURVEYORS
PROJECT MANAGERS
ENVIRONMENTAL CONSULTANTS
LANDSCAPE ARCHITECTS

REVISIONS

REV	DATE	COMMENT	BY
1	06/16/2014	PARKING CHANGES	TCF
2	09/22/2014	REVISED PER TOWN COMMENTS	MED
3	10/28/2014	REVISED PER TOWN COMMENTS	CVM
4	11/21/2014	NEW BUILDING FOOTPRINT	TCF
5	12/31/2014	PER TOWN COMMENTS	TCF
6	02/09/2015	MISC. REVISIONS	TCF
7	02/20/2015	PER TOWN COMMENTS	TCF
8	03/20/2015	REV. TRASH ENCLOSURE DETAIL	TCF
9			
10			
11			
12			
13			
14			
15			

PRELIMINARY

PROJECT No.:	B130197
DRAWN BY:	SH
CHECKED BY:	RWO
DATE:	05/20/2014
SCALE:	AS NOTED
CAD I.D.:	B130197SS15

PROJECT: SITE DEVELOPMENT PLANS
FOR
HOSPITALITY SYRACUSE, INC.
PROPOSED
TACO BELL RESTAURANT WITH DRIVE-THRU

LOCATION OF SITE
241 ROUTE 9W
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK

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MASSACHUSETTS LICENSE No. 42644
OHIO LICENSE No. E-68329

SHEET TITLE:
TRASH ENCLOSURE DETAILS SHEET

SHEET NUMBER:

REV 8