

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT

This is to certify that ISLAND LLC WARREN

Located At 45 BROWN ST

Job ID: 2012-04-3782-ALTCOMM

CBL: 037- F-002-002

has permission to Replace exterior steel beam

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

Fire Prevention Officer

Code Enforcement Officer / Plan Reviewer

**THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
PENALTY FOR REMOVING THIS CARD**

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**

Required Inspections:

Close In Elec/Plmb/Frame prior to insulate or gyp

Final Inspection

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.



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Acting Director of Planning and Urban Development
Gregory Mitchell

Job ID: 2012-04-3782-ALTCOMM

Located At: 45 BROWN ST

CBL: 037- F-002-002

Conditions of Approval:

Building

Separate permits are required for any electrical, plumbing, sprinkler, fire alarm HVAC systems, heating appliances, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, FAX: (207) 8716

Job No: 2012-04-3782-ALTCOMM	Date Applied: 4/13/2012	CBL: 037- F-002-002	
Location of Construction: 45 BROWN ST	Owner Name: 477 TIME & TEMPERATURE LLC - Carl Trotier (Boulos Mangement)	Owner Address: 101 RICHARDSON ST BROOKLYN, NY 11211	Phone: 207-871-1290
Business Name:	Contractor Name: Knowles Industrial Services Corporation - Travis Whitehead	Contractor Address: 295 New Portland Rd., Gorham, ME 04038	Phone: (207) 854-1900
Lessee/Buyer's Name:	Phone:	Permit Type: BLDG - Building	Zone: B-3
Past Use: Parking Garage	Proposed Use: Same - Parking Garage - replace exterior steel beam next to Brown St. exit	Cost of Work: 20000.00	CEO District:
		Fire Dept: Approved Denied N/A	Inspection: Use Group: S Type: 1 IBC 09
Proposed Project Description: replacement of exterior steel beam		Pedestrian Activities District (P.A.D.)	

Permit Taken By:	Zoning Approval		
<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building Permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False informatin may invalidate a building permit and stop all work.</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetlands</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p><input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM</p> <p>Date: <i>OK 4/18/12</i> <i>ABU</i></p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date:</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in Dist or Landmark</p> <p><input type="checkbox"/> Does not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date: <i>ABU</i></p>
	CERTIFICATION		

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the appication is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

2012-04-3782



General Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <u>45 Brown street Portland ME</u>		
Total Square Footage of Proposed Structure/Area	Square Footage of Lot	Number of Stories <u>4</u>
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# <u>037 F 002 002</u>	Applicant * must be owner, Lessee or Buyer * Name <u>Carl Trothier (Boulos Agent)</u> Address <u>1 Canal Plaza</u> City, State & Zip <u>Portland ME 04108</u>	Telephone: <u>207-871-1290</u>
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ <u>19,679.00</u> C of O Fee: \$ _____ Total Fee: \$ <u>222.00</u>
Current legal use (i.e. single family) <u>Parking Garage</u> Number of Residential Units _____ If vacant, what was the previous use? _____ RECEIVED Proposed Specific use: <u>Parking Garage</u> Is property part of a subdivision? <u>No</u> If yes, please name _____ APR 13 2012 Project description: <u>see proposal date 2/22/12</u> <p style="text-align: right;">Dept. of Building Inspections City of Portland Maine</p>		
Contractor's name: <u>Knawles Industrial Services Corporation</u>		
Address: <u>295 New Portland rd</u>		
City, State & Zip <u>Gorham ME 04038</u>		Telephone: <u>207-854-1900</u>
Who should we contact when the permit is ready: <u>Travis Whitehead</u>		Telephone: <u>207-854-1900</u>
Mailing address: <u>Same</u>		

Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at www.portlandmaine.gov, or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature: [Signature] Date: 4/13/12

This is not a permit; you may not commence ANY work until the permit is issued

295 NEW PORTLAND ROAD
GORHAM, MAINE 04038
(207) 854-1900
(207) 854-4996 FAX
www.knowlesindustrial.com

February 22, 2012

Mr. Carl Trottier
Boulos Property Management
One Canal Plaza
Portland, ME 04101

RE: Monument Square Parking Garage Exterior Steel Beam Replacement

Dear Mr. Trottier:

Thank you for giving me the opportunity to provide you with a proposal for the replacement of the exterior steel beam adjacent to the exit on Brown Street. It is apparent that this beam has experienced considerable corrosion and the rust jacking is beginning to dislodge large area of the concrete cover resulting in large sections of concrete falling to the ground. The repair procedure and cost is as follows:

- Mobilize material and equipment to the site
- Set up traffic and pedestrian control
- Remove existing fencing as needed
- Install shoring and scaffolding for removal of the 27' steel beam
- Demo the concrete over the beam and approximately 12" back, the upper level guard rail will remain in place
- Remove the 26' steel beam and perimeter hand rail system
- Detach the hand rail system from the steel beam, clean and coat the rail system
- Install a new or clean and coat existing steel beam assembly as required reusing the existing rail system
- Form and place new concrete with a new wash
- Strip the forms, reinstall the existing fencing
- Clean up/demobilize

Lump Sum Cost

\$19,679.00

Should you have any questions or need any additional information, please do not hesitate to contact me.

Respectfully,

Travis J. Whitehead
Project Manager



Existing



New
(Partial complete)



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PRELIM. BY _____ DATE _____ PROJ. NO. _____ FILE NO. _____ OF _____
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 SUBJECT _____

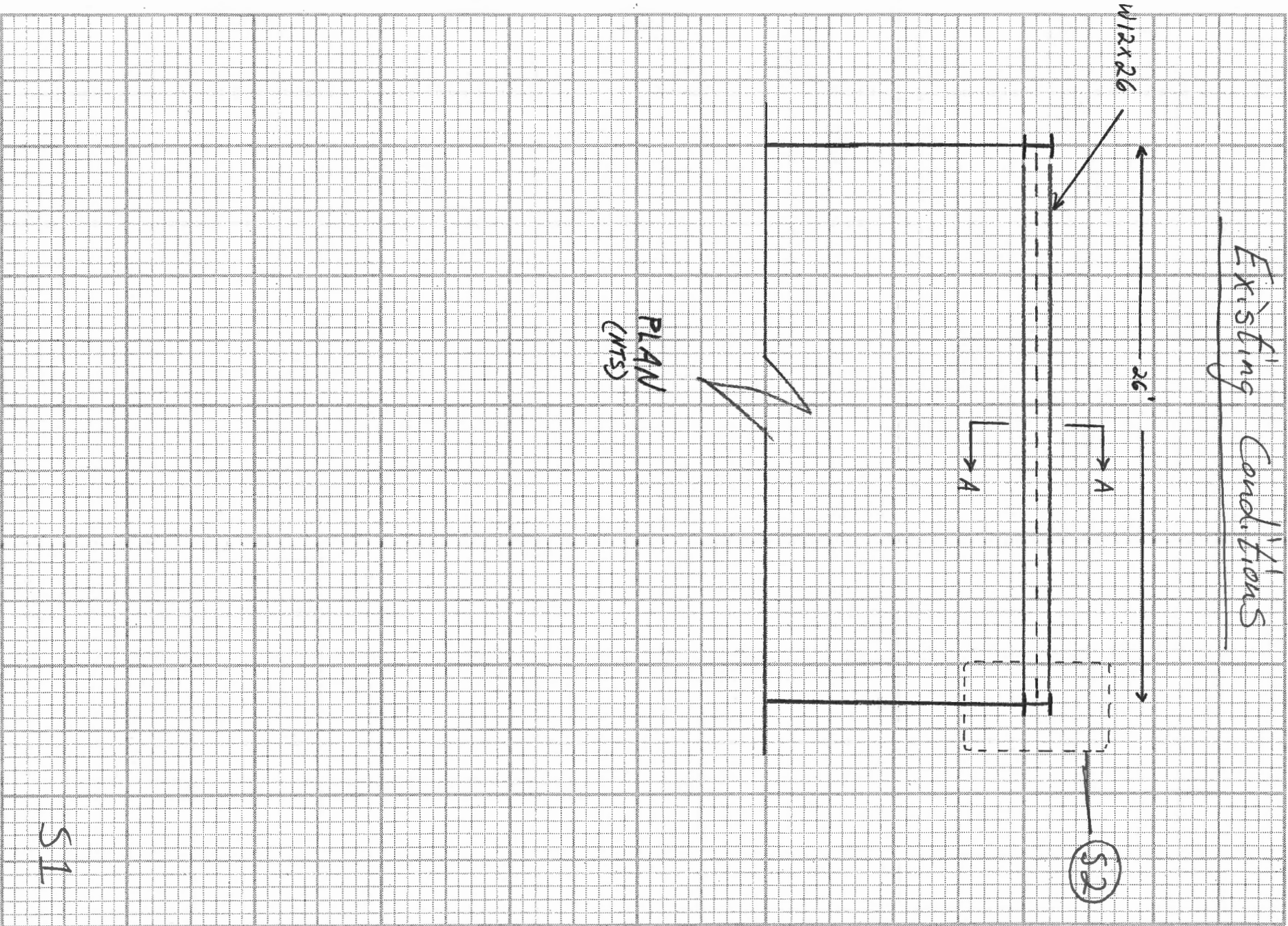
CORROSION CONTROL
 Protective Coatings
 Lead Abatement
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 Industrial Flooring
 Sandblasting/Shotblasting
 Secondary Containment

MASONRY RESTORATION
 Building Façade
 Historic Structures
 Tuck Pointing
 Restoration Cleaning
 Waterproofing
 Brick/Stone Repair

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 Bridge/Hydro
 Joints, Cracks, Spalls
 Polymer Concrete
 Form and Pump
 Trowel Applied

PRESSURE GROUTING
 Chemical Injection
 Soil Stabilization
 Foundations and Slabs
 Machinery Stabilization
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 Pile Jacket Applications

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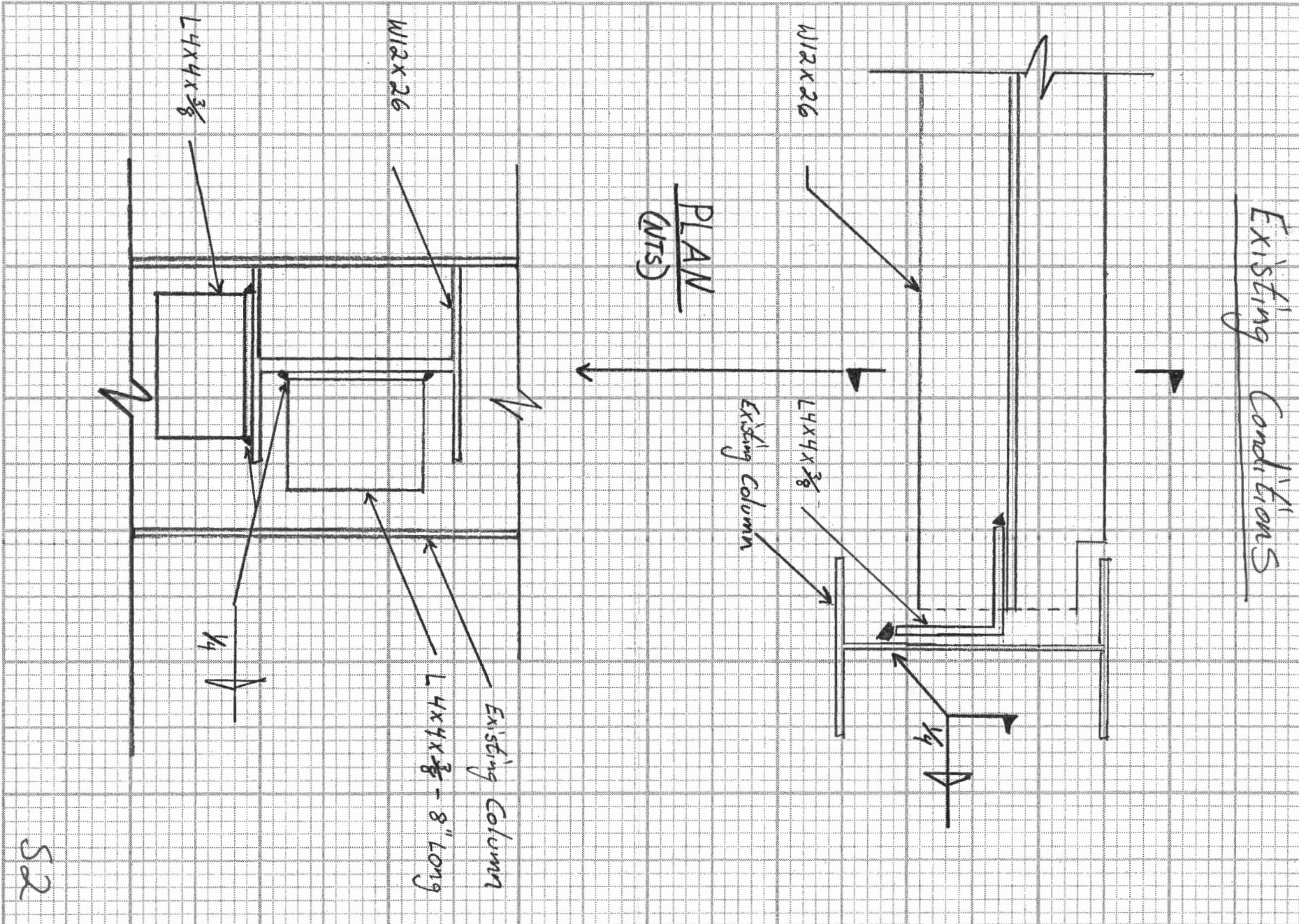
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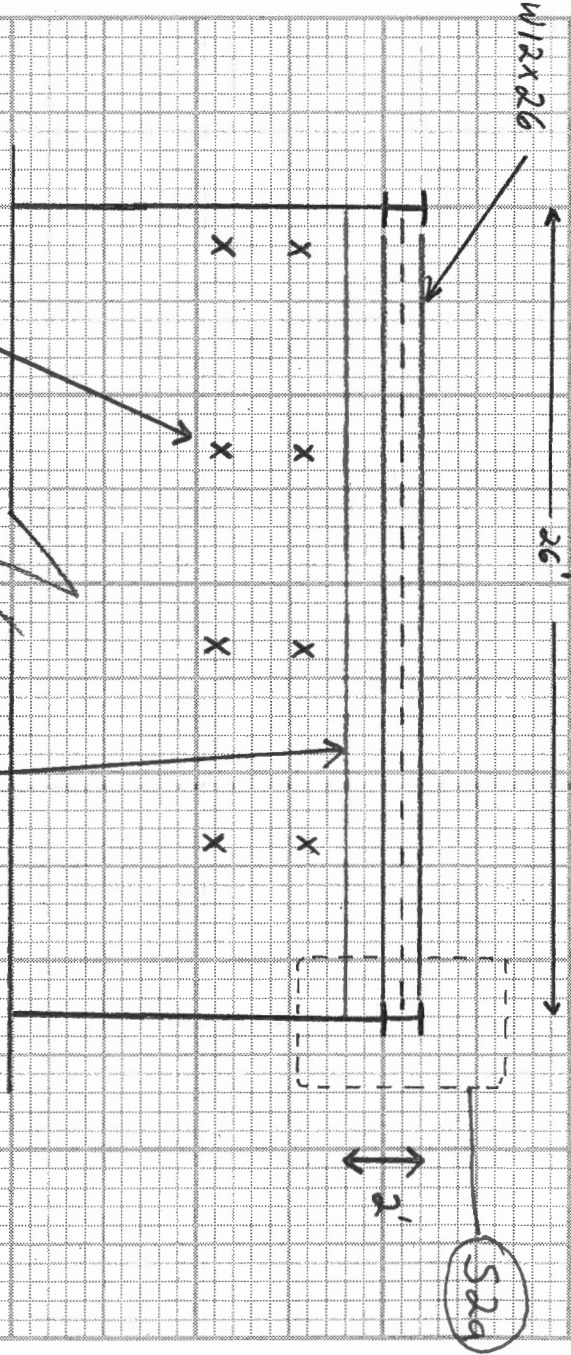
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Proposed



PLAN

Shoring Posts (MRS)
8 - 5.4 Kips each

Max DL calculated = 8.4 Kips total
DL = $(26 \times 13 \times 4 \times 150 \text{pcf}) \div 2$
= 8.4 Kips

Demo concrete 2' entire length to expose W12x26

Shoring Plan/Demo

S1a



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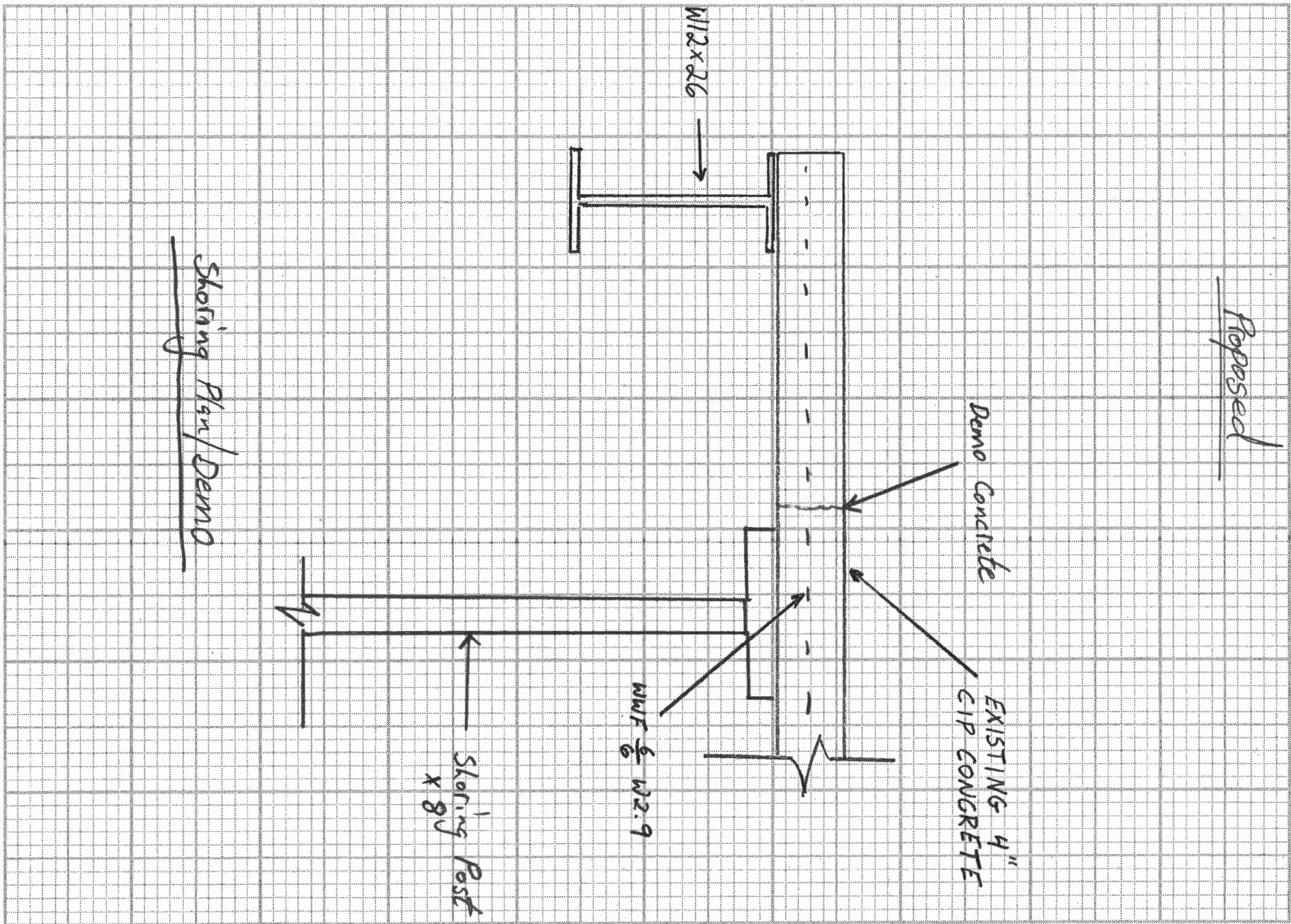
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Demo Concrete
 EXISTING 4" CIP CONCRETE

W12x26

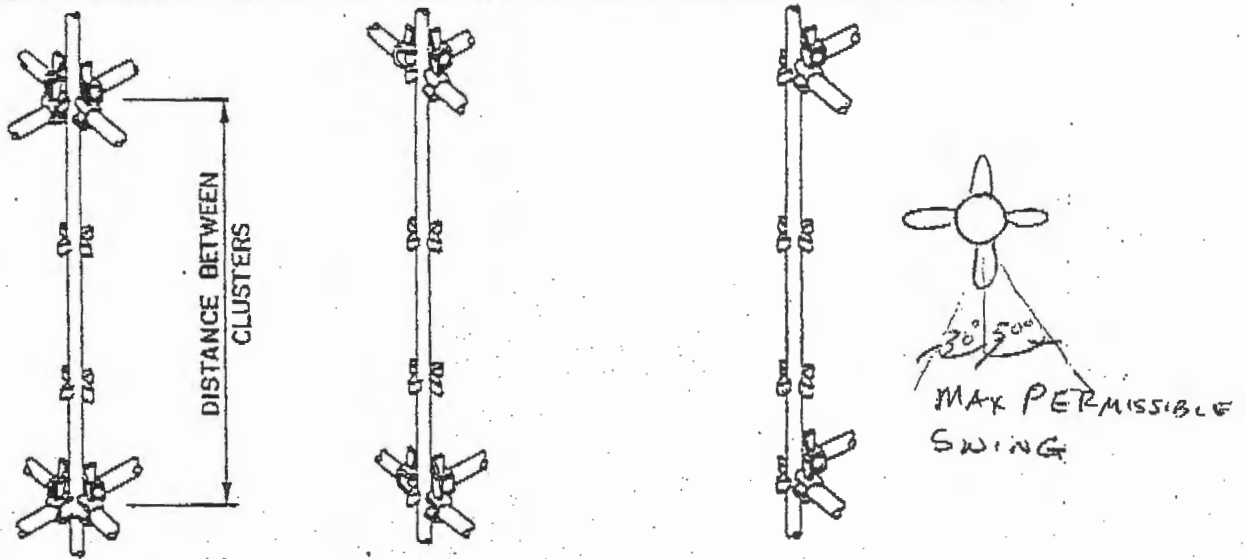
WUF 6" W2.9

Shoring Post
 X 80

Shoring Post/Demo

LOADING TABLES

Allowable load on each standard depends on the distance between horizontals and the number of horizontal members attached at each cluster.



ALLOWABLE LOADS WHEN USED AS SCAFFOLD 4:1 SAFETY FACTOR			
DISTANCE BETWEEN HORIZONTALS	4 MEMBERS AT EACH CLUSTER	3 MEMBERS AT EACH CLUSTER	2 MEMBERS AT EACH CLUSTER
6' 6"	5500	5100	4400
4' 11"	6800	6300	5440
3' 3"	7800	7230	6240
ALLOWABLE LOADS FOR SHORING AT LEAST 2.5:1 SAFETY FACTOR			
DISTANCE BETWEEN HORIZONTALS	4 MEMBERS AT EACH CLUSTER	3 MEMBERS AT EACH CLUSTER	2 MEMBERS AT EACH CLUSTER
6' 6"	6500	6100	5400
4' 11"	8000	7600	6900
3' 3"	10000	9200	8500

NOTE:

These allowable loads are only valid if each horizontal member is adequately braced to prevent horizontal movement. See Bracing & Tying Section.



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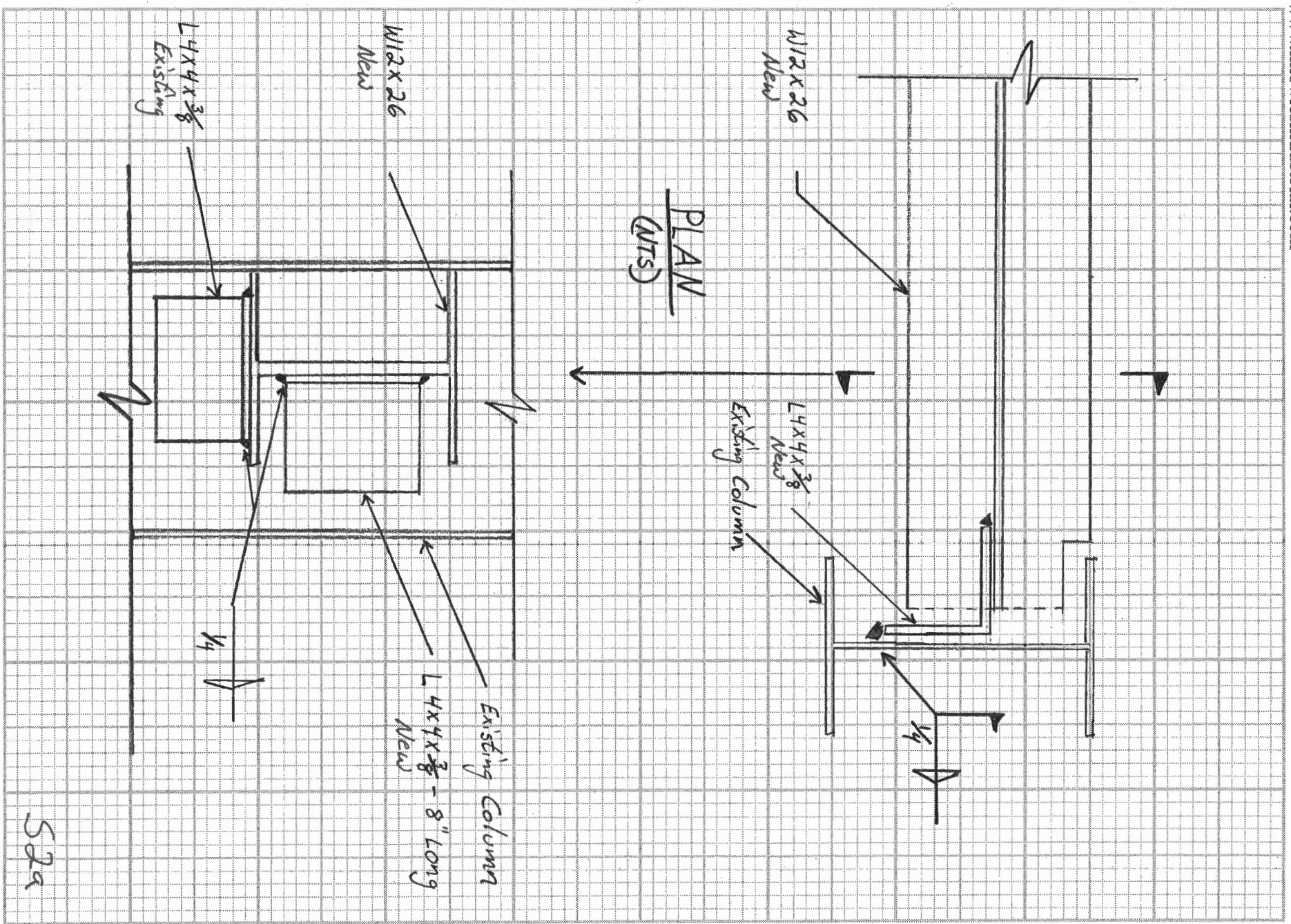
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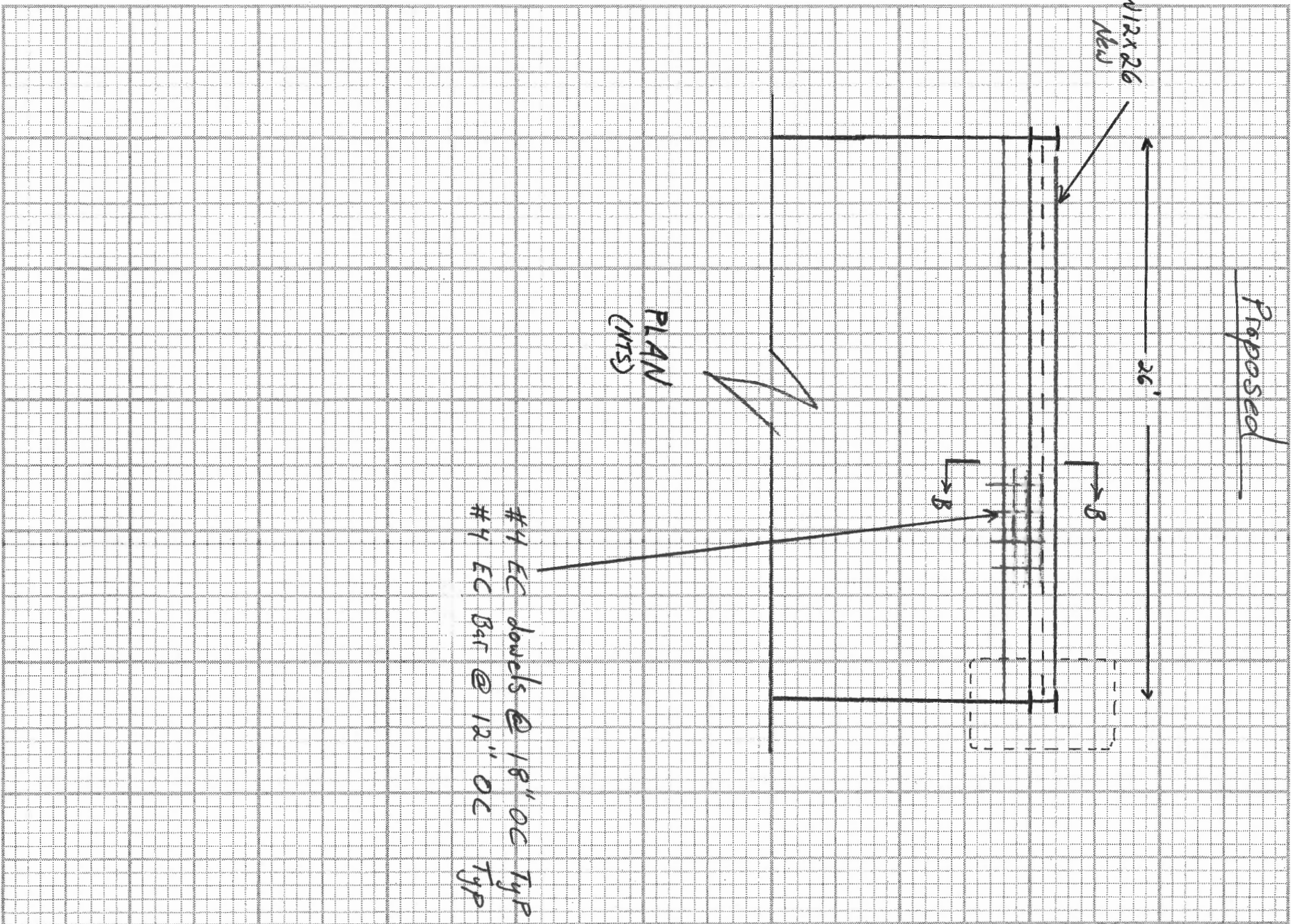
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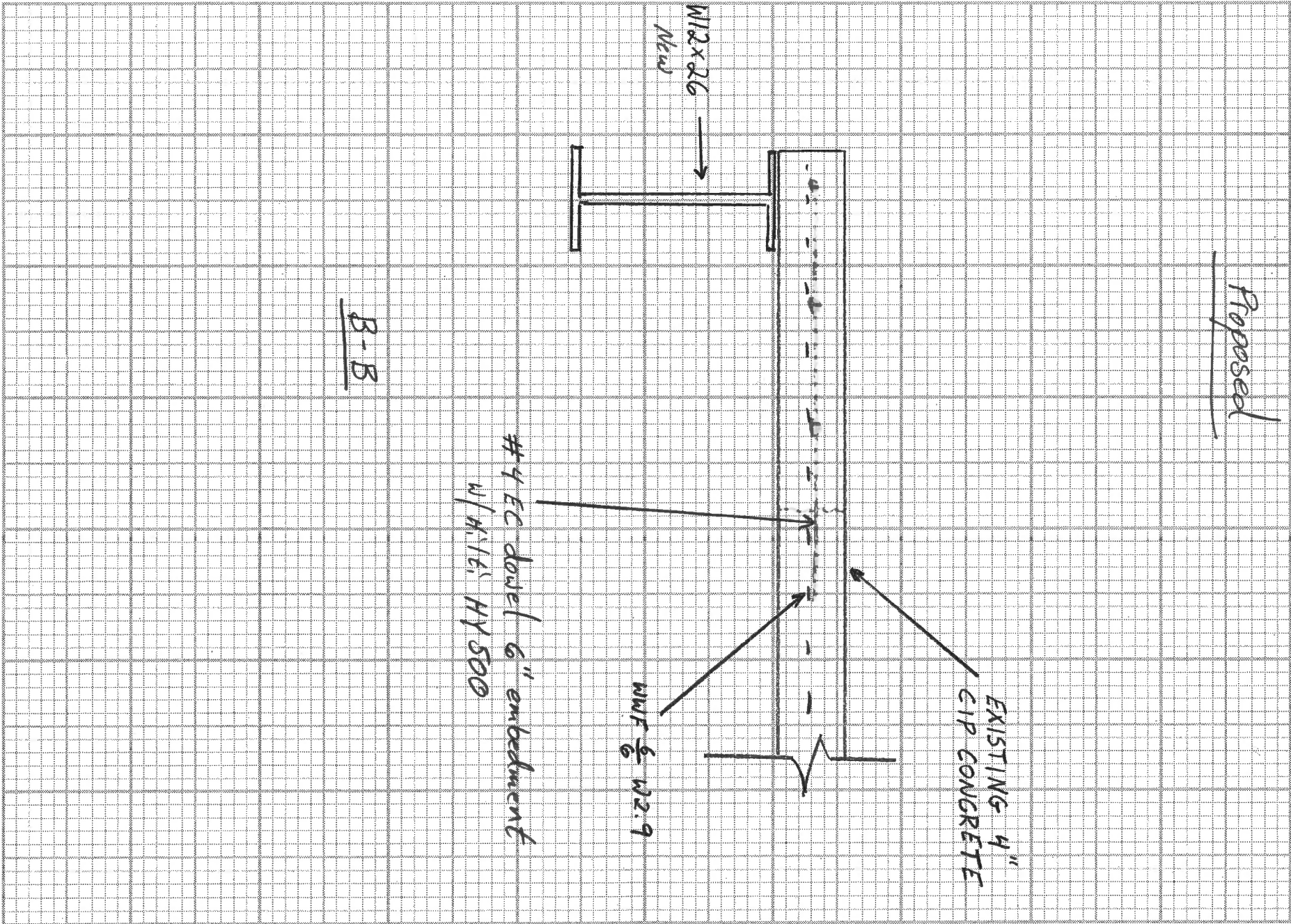
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Receipts Details:

Tender Information: Check , BusinessName: E.S. boulas, Check Number: 5773

Tender Amount: 71.40

Receipt Header:

Cashier Id: gguertin

Receipt Date: 4/13/2012

Receipt Number: 42887

Receipt Details:

Referance ID:	6097	Fee Type:	BP Elec Comm
Receipt Number:	0	Payment Date:	
Transaction Amount:	71.40	Charge Amount:	71.40
Job ID: Job ID: 2012-03-3461-ALTCOMM - renovations to holding suite B112			
Additional Comments: 22 Bramhall			

Thank You for your Payment!



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Receipts Details:

Tender Information: Check , BusinessName: Knowles Industrial Services Corporation, Check Number: 80465

Tender Amount: 220.00

Receipt Header:

Cashier Id: gguertin

Receipt Date: 4/17/2012

Receipt Number: 42939

Receipt Details:

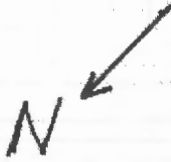
Referance ID:	6112	Fee Type:	BP-Constr
Receipt Number:	0	Payment Date:	
Transaction Amount:	220.00	Charge Amount:	220.00
Job ID: Job ID: 2012-04-3782-ALTCOMM - replacement of exterior steel beam			
Additional Comments: 45 Brown St.			

Thank You for your Payment!



Congress St.

Permit # 2012-04-3782
 37-F-002



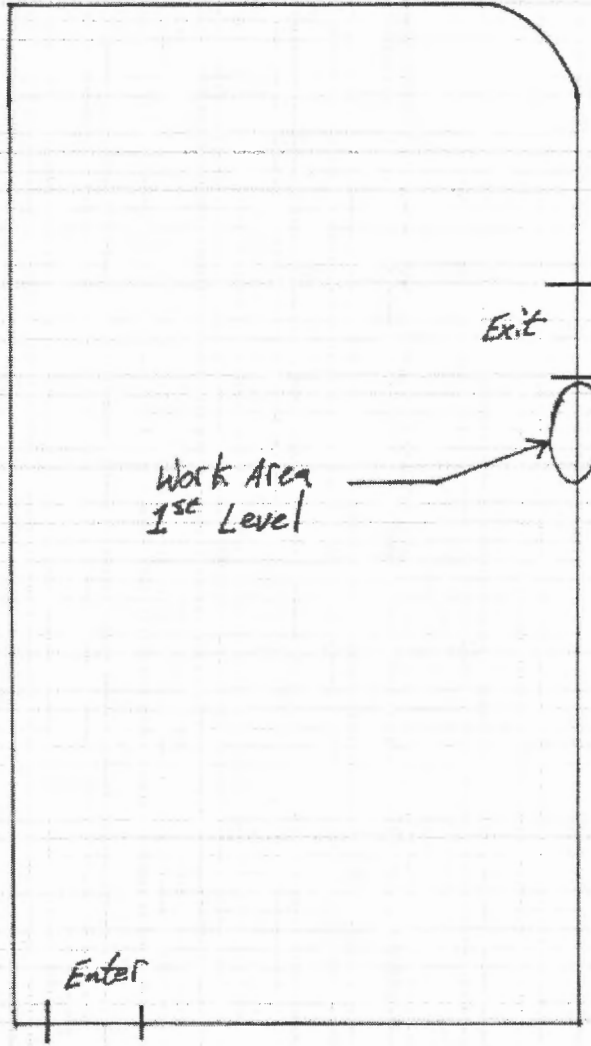
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Work Area
 1st Level

Exit

Brown St.

Enter

Cumberland Ave

PLAN
 NTS