

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 01-0358	Issue Date: APR 18 2001	CBL: 343 C013001
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Location of Construction: 174 Allen Ave	Owner Name: City Of Portland	Owner Address: 389 Congress St	Phone: 207-274-8126
Business Name: n/a	Contractor Name: Twin City Broadcasting & Engineeri	Contractor Address: Portland	Phone: 2078230760
Lessee/Buyer's Name: n/a	Phone: n/a	Permit Type: Miscellaneous	Zone: R-3

Past Use: Residential / School	Proposed Use: Same; Install 10' Diameter Satellite Dish. Call contractor when ready.	Permit Fee: \$36.00	Cost of Work: \$2,000.00	CEO District: 2
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Proposed Project Description: Install 10' Diameter Satellite Dish.	FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: U Type: @OCA/PA 1999 PERMIT ISSUED WITH REQUIREMENTS
	Signature:	Signature:
	PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)	
	Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input checked="" type="checkbox"/> Denied	
	Signature:	Date:

Permit Taken By: cjh	Date Applied For: 04/13/2001	Zoning Approval	
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<ol style="list-style-type: none"> This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. Building permits do not include plumbing, septic or electrical work. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work.. 	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input checked="" type="checkbox"/> Site Plan <i>exemption</i> <i>Submitted by SARAH 2/19/01</i> Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>OK [Signature] 4/17/01</i>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date:	Historic Preservation <input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date:
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PERMIT ISSUED WITH REQUIREMENTS

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 application 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

BUILDING PERMIT REPORT

DATE: 17 APRIL 2001 ADDRESS: 174 Allen Ave. CBL: 343-C-013

REASON FOR PERMIT: 10' Diameter Satellite Dish

BUILDING OWNER: City of Portland

PERMIT APPLICANT: _____ CONTRACTOR: The City Broadcasting

USE GROUP: U CONSTRUCTION TYPE: _____ CONSTRUCTION COST: 2,000.00 PERMIT FEES: 3600

The City's Adopted Building Code (The BOCA National Building Code/1999 with City Amendments)
The City's Adopted Mechanical Code (The BOCA National Mechanical Code/1993)

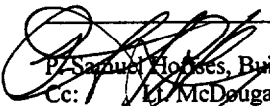
CONDITION(S) OF APPROVAL

This permit is being issued with the understanding that the following conditions shall be met: *1, *38

- 1. This permit does not excuse the applicant from meeting applicable State and Federal rules and laws.
2. Before concrete for foundation is placed, approvals from the Development Review Coordinator and Inspection Services must be obtained. (A 24 hour notice is required prior to inspection) "ALL LOT LINES SHALL BE CLEARLY MARKED BEFORE CALLING."
3. Foundation drain shall be placed around the perimeter of a foundation that consists of gravel or crushed stone containing not more than 10 percent material that passes through a No. 4 sieve.
4. Foundations anchors shall be a minimum of 1/2" in diameter, 7" into the foundation wall, minimum of 12" from corners of foundation and a maximum 6' O.C. between bolts.
5. Waterproofing and dampproofing shall be done in accordance with Section 1813.0 of the building code.
6. Precaution must be taken to protect concrete and masonry. Concrete Sections 1908.9-19.8.10/ Masonry Sections 2111.3-2111.4.
7. It is strongly recommended that a registered land surveyor check all foundation forms before concrete is placed.
8. Private garages located beneath habitable rooms in occupancies in Use Group R-1, R-2, R-3 or I-1 shall be separated from adjacent interior spaces by fire partitions and floor/ceiling assembly which are constructed with not less than 1-hour fire resisting rating.
9. All chimneys and vents shall be installed and maintained as per Chapter 12 of the City's Mechanical Code.
10. Sound transmission control in residential building shall be done in accordance with Chapter 12, Section 1214.0 of the City's Building Code.
11. Guardrails & Handrails: A guardrail system is a system of building components located near the open sides of elevated walking surfaces for the purpose of minimizing the possibility of an accidental fall from the walking surface to the lower level.
12. Headroom in habitable space is a minimum of 7'6".
13. Stair construction in Use Group R-3 & R-4 is a minimum of 10" tread and 7 1/4" maximum rise.
14. The minimum headroom in all parts of a stairway shall not be less than 80 inches.
15. The Minimum required width of a corridor shall be determined by the most restrictive of the criteria under section 1011.3 but not less than 36".
16. Every sleeping room below the fourth story in buildings of Use Groups R and I-1 shall have at least one operable window or exterior door approved for emergency egress or rescue.
17. Each apartment shall have access to two (2) separate, remote and approved means of egress.
18. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hour, including fire doors with self closure's.
19. The boiler shall be protected by enclosing with (1) hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment.

20. All single and multiple station smoke detectors shall be of an approved type and shall be installed in accordance with the provisions of the City's Building Code Chapter 9, Section 920.3.2 (BOCA National Building Code/1999), and NFPA 101 Chapter 18 & 19. (Smoke detectors shall be installed and maintained at the following locations):
 - In the immediate vicinity of bedrooms
 - In all bedrooms
 - In each story within a dwelling unit, including basements
21. A portable fire extinguisher shall be located as per NFPA #10. They shall bear the label of an approved agency and be of an approved type. (Section 921.0)
22. The Fire Alarm System shall be installed and maintained to NFPA #72 Standard.
23. The Sprinkler System shall be installed and maintained to NFPA #13 Standard.
24. All exit signs, lights and means of egress lighting shall be done in accordance with Chapter 10 Section & Subsections 1023.0 & 1024.0 of the City's Building Code. (The BOCA National Building Code/1999)
25. Section 25 – 135 of the Municipal Code for the City of Portland states, "No person or utility shall be granted a permit to excavate or open any street or sidewalk from the time of November 15 of each year to April 15 of the following year".
26. The builder of a facility to which Section 4594-C of the Maine State Human Rights Act Title 5 MRSA refers, shall obtain a certification from a design professional that the plans commencing construction of the facility, the builder shall submit the certification the Division of Inspection Services.
27. Ventilation and access shall meet the requirements of Chapter 12 Sections 1210.0 and 1211.0 of the City's Building Code. (Crawl spaces & attics).
28. All electrical, plumbing and HVAC permits must be obtained by Master Licensed holders of their trade. **No closing in of walls until all electrical (min. 72 hours notice) and plumbing inspections have been done.**
29. All requirements must be met before a final Certificate of Occupancy is issued.
30. All building elements shall meet the fastening schedule as per Table 2305.2 of the City's Building Code (The BOCA National Building Code/1996).
31. Ventilation of spaces within a building shall be done in accordance with the City's Mechanical code (The BOCA National Mechanical Code/1993). (Chapter M-16)
32. Please read and implement the attached Land Use Zoning report requirements.
33. Boring, cutting and notching shall be done in accordance with Sections 2305.3, 2305.3.1, 2305.4.4 and 2305.5.1 of the City's Building Code.
34. Bridging shall comply with Section 2305.16.
35. Glass and glazing shall meet the requirements of Chapter 24 of the building code. (Safety Glazing Section 2406.0)
36. All flashing shall comply with Section 1406.3.10.
37. All signage shall be done in accordance with Section 3102.0 signs of the City's Building Code, (The BOCA National Building Code/1999).

* 38. *Disb antennas shall comply with sections 2109.4, 1608, 1609, and 3103.4 -*


 P. Samuel Hoopes, Building Inspector
 Cc: K. McDougall, PFD
 Marge Schmuckal, Zoning Administrator
 Michael Nugent, Inspection Service Manager

PSH 10/1/00

****This permit is herewith issued, on the basis of plans submitted and conditions placed on these plans, any deviations shall require a separate approval.**

*****THIS PERMIT HAS BEEN ISSUED WITH THE UNDERSTANDING THAT ALL THE CONDITIONS OF THE APPROVAL SHALL BE COMPLETED. THEREFORE, BEFORE THE WORK IS COMPLETED A REVISED PLAN OR STATEMENT FROM THE PERMIT HOLDER SHALL BE SUBMITTED TO THIS OFFICE SHOWING OR EXPLAINING THAT THE CONDITIONS HAVE BEEN MET. IF THIS REQUIREMENT IS NOT RECEIVED YOUR CERTIFICATE OF OCCUPANCY SHALL BE WITHHELD. (You Shall Call for Inspections)**

******ALL PLANS THAT REQUIRE A PROFESSIONAL DESIGNER'S SEAL, (AS PER SECTION 114.0 OF THE BUILDING CODE) SHALL ALSO BE PRESENTED TO THIS DIVISION ON AUTO CAD LT. 2000, DXF FORMAT OR EQUIVALENT.**

*******CERTIFICATE OF OCCUPANCY FEE \$50.00**

APPLICATION FOR EXEMPTION FROM SITE PLAN REVIEW

TWIN CITY BROADCASTING Co.

Applicant
PO Box 147, GORHAM, ME. 04039

Applicant's Mailing Address
HOWARD 741-0207

Consultant/Agent/Phone Number

3/16/01

Application Date
CABLE CH. 3, PORTLAND ARTS & TECH. HIGH SCHOOL

Project Name/Description
196 ALLEN AV. PORTLAND
Address of Proposed Site

Description of Proposed Development:

INSTALL A 10FT C+KU BAND RECEIVE SATELLITE DISH FOR RECEPTION OF AUDIO/VIDEO PROGRAMS FOR CABLE TV CHANNEL 3 AT PORTLAND ARTS & TECHNOLOGY HIGH SCHOOL

Please Attach Sketch/Plan of Proposal/Development

Criteria for Exemptions:

See Section 14-523 (4)

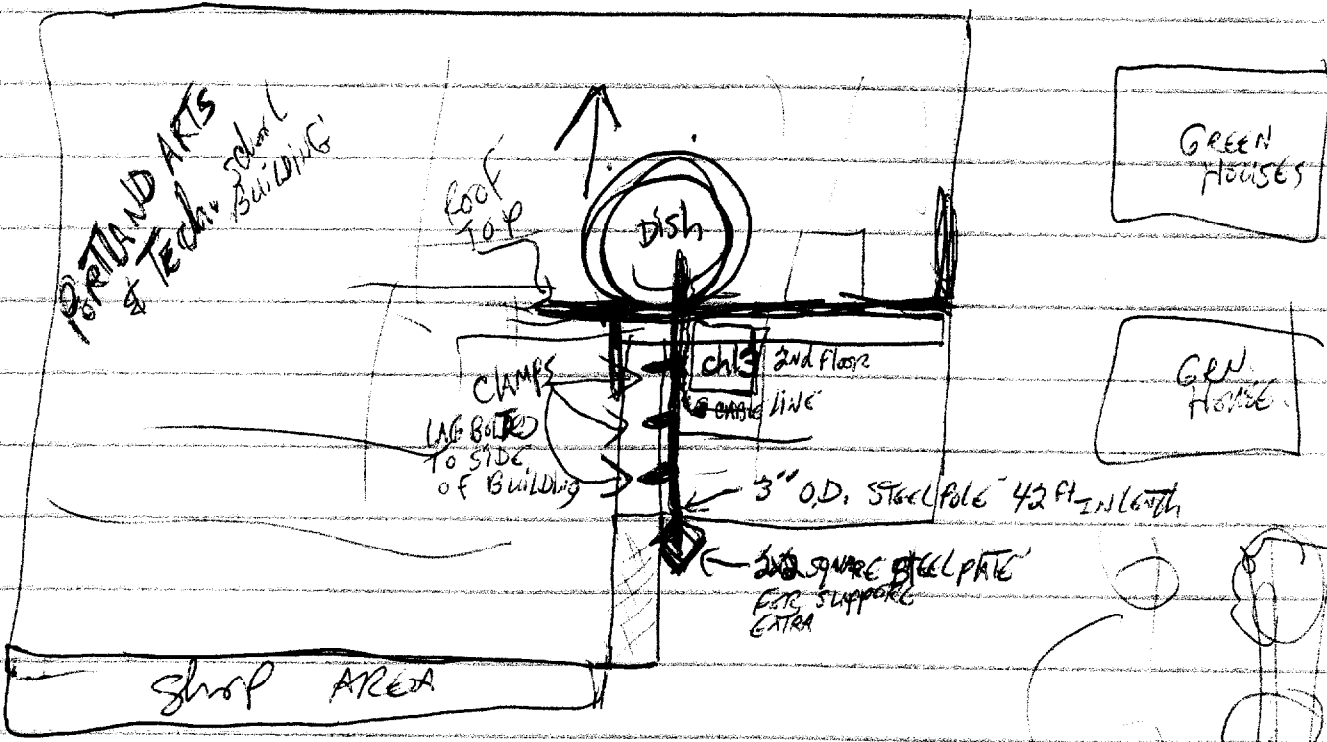
- a) Within Existing Structures; No New Buildings, Demolitions or Additions
- b) Footprint Increase Less Than 500 Sq. Ft.
- c) No New Curb Cuts, Driveways, Parking Areas
- d) Curbs and Sidewalks in Sound Condition/ Comply with ADA
- e) No Additional Parking / No Traffic Increase
- f) No Stormwater Problems
- g) Sufficient Property Screening
- h) Adequate Utilities

Applicant's Assessment (Yes, No, N/A)	Planning Office Use Only
<u>N/A</u>	<input checked="" type="checkbox"/>
<u>N/A</u>	<input checked="" type="checkbox"/>
<u>N/A</u>	<input checked="" type="checkbox"/>
<u>N/A</u>	<input checked="" type="checkbox"/>
<u>N/A</u>	<input checked="" type="checkbox"/>
<u>N/A</u>	<input checked="" type="checkbox"/>
<u>N/A</u>	<input checked="" type="checkbox"/>
<u>N/A</u>	<input checked="" type="checkbox"/>

Planning Office Use Only:

SE

SW



PORTLAND ARTS
& TECH. SCHOOL
BUILDING

ROOF
TOP

Dish

CLAMPS
LAG BOLTED
TO SIDE
OF BUILDING

ch 3 2nd Floor

PARABOLIC LINE

3" O.D. STEEL POLE 42 FT. IN LENGTH

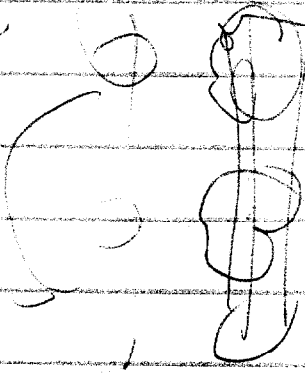
2x2 SQUARE STEEL PLATE
FOR SUPPORT
EXTRA

SHOP AREA

GREEN
HOUSES

GR.
HOUSE

BACK AREA OF BUILDING



* write receipt for in house transfer.

01-03-51

THIS IS NOT A PERMIT/CONSTRUCTION CANNOT COMMENCE UNTIL THE PERMIT IS ISSUED

Minor/Minor Site Review for New Detached Single Family Dwelling, All Purpose Building Permit Application

In the interest of processing your application in the quickest possible manner, please complete the Information below for a Building or Use Permit.

NOTE**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.

196 Allen Ave.

Location/Address of Construction: Portland Arts & Technology High School ^{196 Allen Avenue}

Total Square Footage of Proposed Structure	Square Footage of Lot
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Tax Assessor's Chart, Block & Lot Number Chart# <u>343</u> Block# <u>C</u> Lot# <u>13</u>	Owner: <u>City of Portland (School Department)</u>	Telephone#: <u>874-8126</u>
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Lessee/Buyer's Name (If Applicable)	Owner's/Purchaser/Lessee Address: <u>331 Veranda Street</u>	Cost Of Work: Fee: <u>\$ 2,000.00</u> <u>\$ 36.00</u>
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Current use: res/ school. Proposed use: same

Project description:
Installation of a ten foot diameter satellite dish (see attached)

Contractor's Name, Address & Telephone <u>Howard Yanik</u> <u>Twin City Broadcasting & Engineering</u> <u>823-0760</u>	Rec'd By: <u>(1-888-839-5726)</u>
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Separate permits are required for Internal & External Plumbing, HVAC and Electrical installation.

- All construction must be conducted in compliance with the 1999 B.O.C.A. Building Code as amended by Section 6-Art II.
- All plumbing must be conducted in compliance with the State of Maine Plumbing Code.
- All Electrical Installation must comply with the 1999 National Electrical Code as amended by Section 6-Art III.
- HVAC (Heating, Ventilation and Air Conditioning) installation must comply with the 1993 BOCA Mechanical Code.

YOU MUST INCLUDE THE FOLLOWING WITH YOUR APPLICATION:

- A Copy of Your Deed or Purchase and Sale Agreement if purchased in the last 365 days
- A Plot Plan (Sample Attached) ON PAPER NO LARGER THAN 11" x 17" if you are doing anything other than interior rehab work.

THIS IS NOT A PERMIT/CONSTRUCTION CANNOT COMMENCE UNTIL THE PERMIT IS ISSUED

A PLOT PLAN INCLUDES THE FOLLOWING:

- The shape and dimension of the lot, all existing buildings (if any), the proposed structure and the distance from the actual property lines. Structures include decks porches, a bow windows cantilever sections and roof overhangs, as well as, sheds, pools, garages and any other accessory structures.
- Scale and North arrow; Zoning District & Setbacks
- First Floor sill elevation (based on mean sea level datum);
- Location and dimensions of parking areas and driveways;
- Location and size of both existing utilities in the street and the proposed utilities serving the building;
- Location of areas on the site that will be used to dispose of surface water.
- Existing and proposed grade contours

A "minor/minor" site plan review is required for New Single Family Homes Only. The Site plan must be prepared and sealed by a registered land surveyor. FOUR COMPLETE PACKETS OF ALL SUBMISSIONS ARE REQUIRED FOR NEW SINGLE FAMILY HOMES SHOWING CONSTRUCTION AND SITE DETAILS ON 32" x 48". ALONG WITH ONE SET ON PAPER NO LARGER THAN 11" X 17".

ON ALL OTHER BUILDING PERMIT SUBMISSIONS ONE SET OF SUBMISSIONS IS REQUIRED ON 11' X 17" AND ONE SETS ON 32" X 48" with the below stated details. (Sample Attached) Please note that single family additions and alterations may be hand drawn on regular paper, however the below details will still apply.

A complete set of construction drawings showing all of the following elements of construction:

- Cross Sections w/Framing details (including porches, decks w/ railings, and accessory structures)
- Floor Plans & Elevations
- Window and door schedules
- Foundation plans with required drainage and damp proofing
- Electrical and plumbing layout. Mechanical drawings for any specialized equipment such as furnaces, chimneys, gas equipment, HVAC equipment (air handling) or other types of work that may require special review must be included.

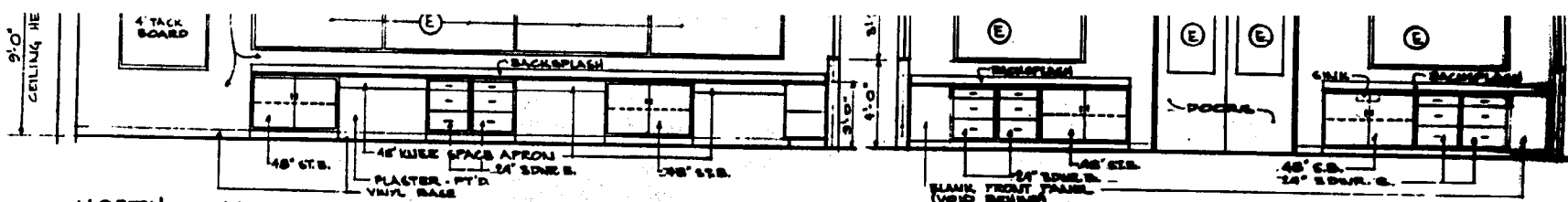
Certification

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/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 of applicant: <i>Douglas R. Retter</i>	Date: <i>April 13, 2001</i>
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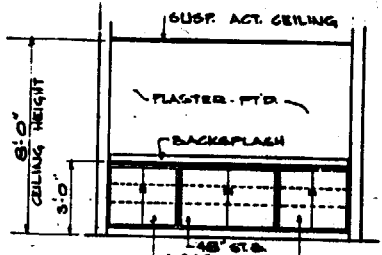
Facilities Engineer Portland School Department 874-8126
Minor/Minor Site Review Fee: \$300.00/Building Permit Fee: \$30.00 for the 1st \$1000.cost plus \$6.00 per \$1,000.00 construction cost thereafter.

ONE SET OF SUBMISSIONS INCLUDING CONSTRUCTION AND SITE PLAN DRAWINGS MUST BE SUBMITTED ON PAPER NO LARGER THAN 11" x 17" BEFORE ANY BUILDING PERMIT WILL BE ISSUED



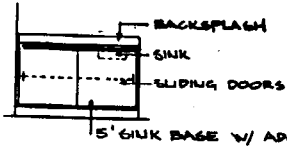
NORTH WALL (SOUTH WALL SAME - OPPOSITE HAND)
INTERIOR ELEVATIONS - PLANNING (A)

EAST WALL



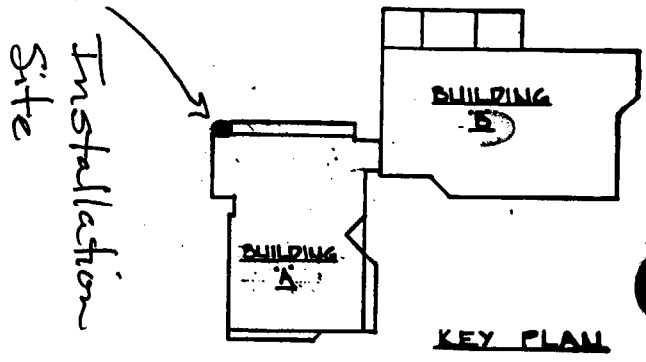
NOTE:
 ALL CABINETS IN
 RM. 217 TO BE
 60" DEEP.

EAST WALL
INTERIOR ELEV.
PRINTING (B)



NOTE:
 REFER TO PLANS FOR LOCATION
 OF SINK IN UNIT, EXPOSED
 ENDS, BACKSLASH AT END
 AT WALL, ETC.

TYPICAL 5' COUNTER W/ SINK
FOR ROOMS (200) (201) (210) (211) (300) (330) (Tree's)

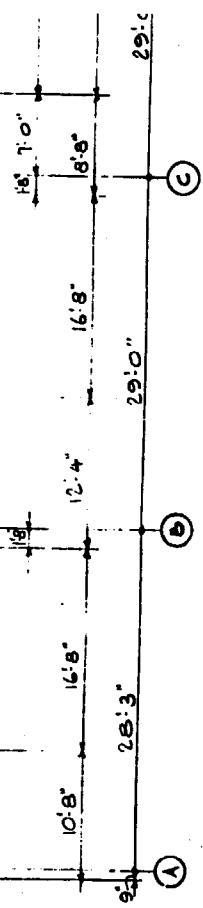


KEY PLAN



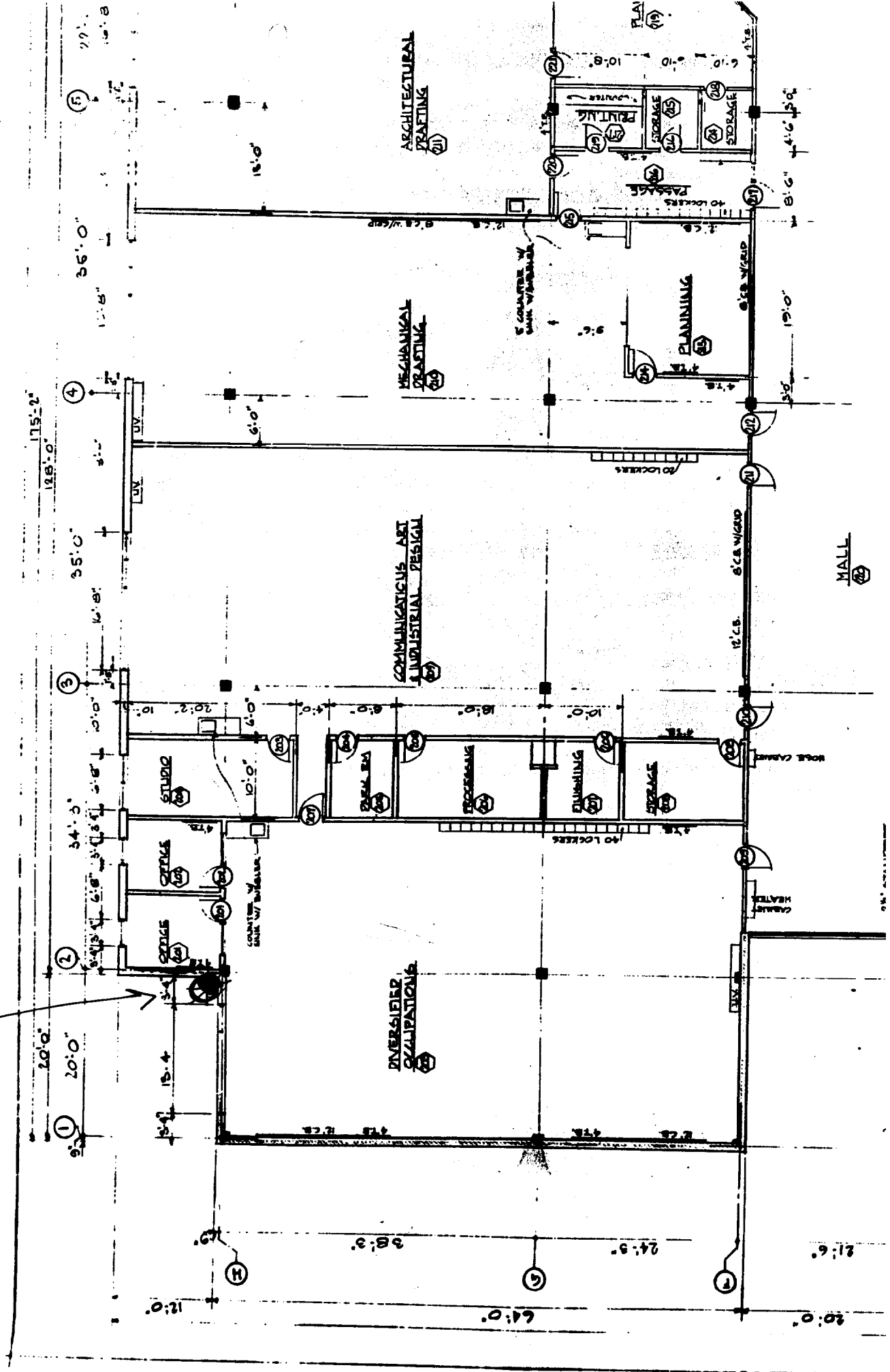
PROJECT
PRVTC
 PORTLAND, MAINE
 2ND FLOOR
BUILDING 'A'
 WILBUR E. INGALLS, JR.
ARCHITECT
 PORTLAND, MAINE

GKJ
 1/8" = 1'-0"
 6/18/74



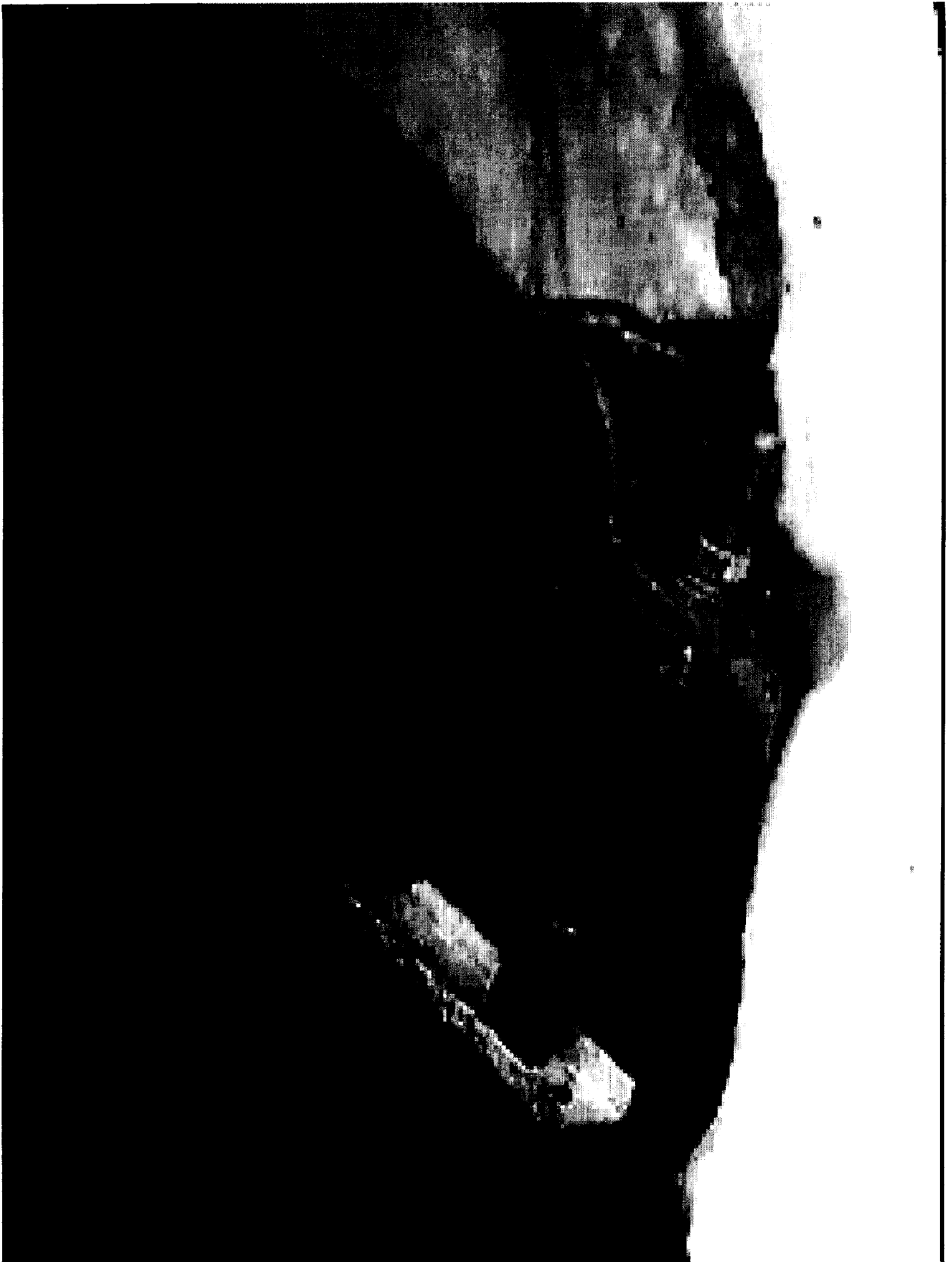
Allen Avenue

Installation Site









From: <hyanik@sjcme.edu>
To: Douglas Sherwood <SHERWD@portlandschools.org>
Date: Wed, Mar 28, 2001 12:33 PM
Subject: Re: PATHS Satellite Dish Installation

The general information on the dish is as follows

The satellite receiver will supply the 32 volts required to rotate the dish to lock onto the satellite , it has the supply lines all in one group of cables .

The pole height will be a total of 43 feet so that the dish will clear the roof line it requires a 5 foot height to clear including if the pole was mounted in the ground it also gives full clearance when the dish rotates from point to point.

The dish follows the satellite arch from the most South-East point to the most South-West point so the dish will not really go a full 360 degrees

The pole will be put together in sections totaling in height 43 feet , there will be a 2x2 square steel base plate that will set on the ground and can have blocks added if it is felt more support is needed for extra stability , but indeed is not necessary (no penetration will be needed into ground unless more support is requested).

The length of the 3" O.D. pole 43 foot with the three wall mounts will be plenty to support the dish without guying the dish (guying is only done if location is affected with constant high speed winds or if more extra support is felt to be needed)

The clamps are custom made to support excessive weight and stress , there will be three of them for extra support (only two are really required and would support a small section of pipe mounted on the wall 25ft with a 200 lb. dish mounted on it)

The wall bracket mounts will be spaced evenly apart (three of them)and require two anchor lags to hold them in place , the pipe fits threw the clamp and has bolts on both sides to tighten the pole in so it will not move , the mounts also have a lining on them to keep the pipe from moving or slipping

the anchor lags that will be used to go into the wall will not go in deeper then the width of the brick

I have not determined what size anchor to use but it should be about half to 5/8th in.

which are more then adequate to hold and support the dish even under harsh wind conditions .

The cables will be run threw the existing point of entry into channel 3's studio where the receiver will be located

If you have any other questions or concerns on how this is going to be set up please call me directly or we can also set up a time to meet and review the location and area the dish will be located and method as to how it will or can be set up

Howard Yanik
Twin City Broadcasting Co. & Engineering
Ph.# 1-888-839-5726

Douglas Sherwood wrote:

> Mr. Yanik
> Twin City Broadcasting & Engineering
> Howard,
>

> Good Morning! I have been asked to submit the city permit application for the installation of the 10 foot satellite dish at Portland Arts and Technology High School (PATHS). I would like to process the application early next week, but need to confirm some details you provided to Mr. Dresch in January as well as obtain additional information. I understand the 42 foot long, 3 inch diameter pipe supporting the 200 pound, 10 foot diameter satellite dish requiring 32 volt DC power will be mounted to the wall in three locations and sit on a 2 x 2 concrete base in a cut out on the northwest side (just east of the northwest

corner) of building that some might consider the back of the property. Given that the building roof line is approximately 38 feet above the ground, I am very interested in the depth (into the ground) of the pipe and the profile that will be visible above the building. Will the dish be capable of a 360 degree rotation or fixed on a specific point? Will the dish require guy wires or other form of additional support? How deep will the wall anchors need to penetrate the wall and at locations will the mounting brackets be placed?

>

> Given that the school is technically city property and planning staff are relatively familiar with the site, I'm not sure I need to provide typical set back, zoning, etc. information. I would also hope that they could waive the permit fee as they have the site plan review. However, I am sure an elevation drawing highlighting my concerns above would be crucial to permit approval. I will also need to know where the building penetrations will occur and where the connections will be made inside the facility.

>

> Our most sincere apologies for the long delay and thank you in advance for bringing me up to speed.

>

> Have a Great Day!

>

> Douglas Ritter Sherwood

> Portland School Department

> Facilities Engineer