NIXON PEABODY LLP

1300 Clinton Square
Rochester, New York 14604-1792
(585) 263-1000
Fax: (585) 263-1600
Direct Dial: (585) 263-1612
E-Mail: sturner@nixonpeabody.com

October 11, 2013

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Ms. Beverly Kolenberg
Assistant Regional Counsel
Office of Regional Counsel, Region 2
U.S. Environmental Protection Agency
290 Broadway, 17th Floor
New York, New York 10007-1866

Dear Ms. Kolenberg:

Pursuant to our September 27, 2013 correspondence on behalf of Sulzer Metco (US) Inc. ("SMUS") in response to the July 31, 2013 Request for Information issued by EPA, enclosed is a disc containing engineering drawings and additional documents responsive to question 4.

SMUS applies and maintains its positions and objections set forth in prior correspondence in all respects to this supplemental submission.

Very truly yours,

SCOTT M TURNER

Scott M. Turner

SMT/mc
Enclosures
cc: Jennifer LaPoma (EPA)

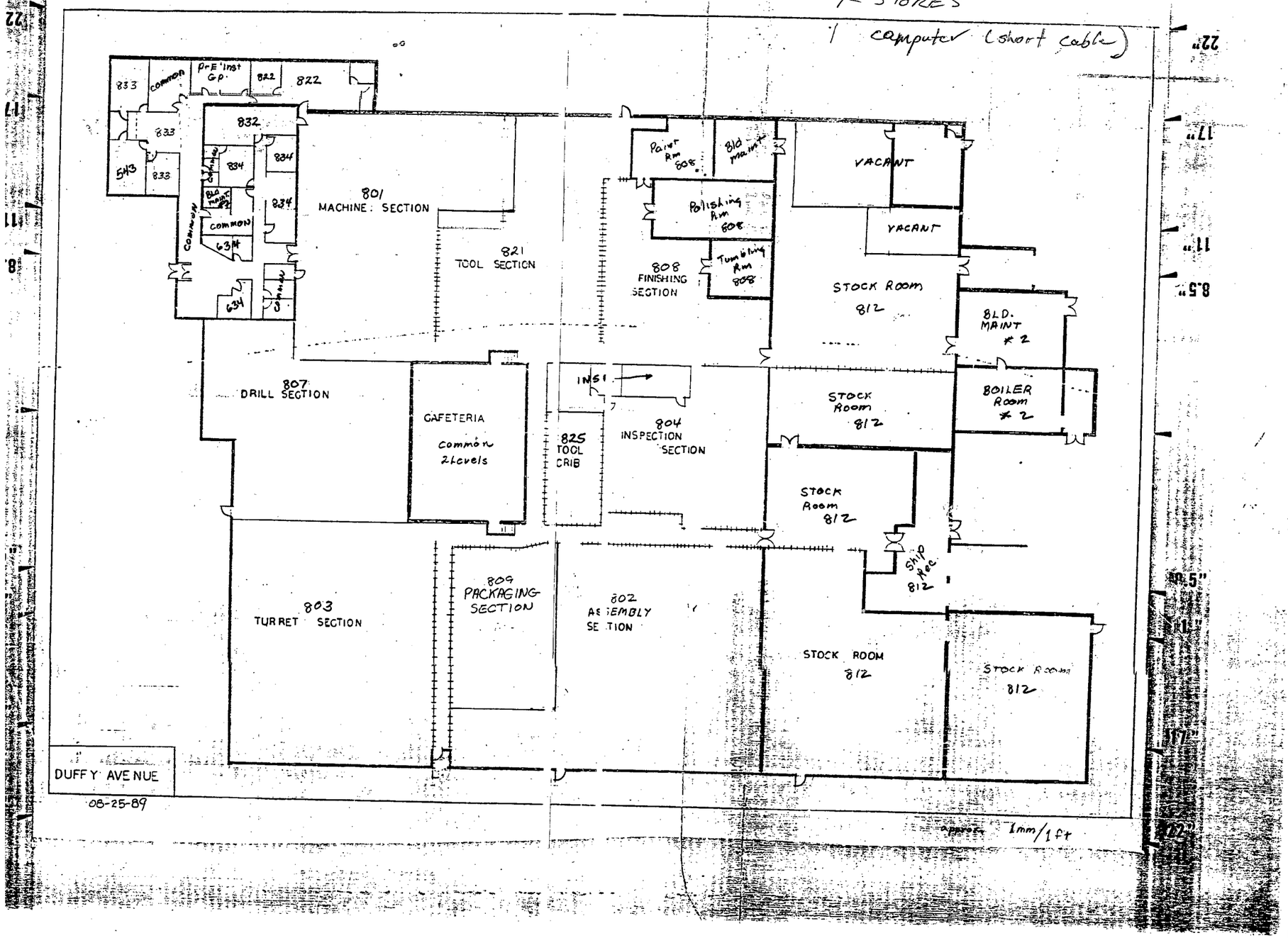
246717

14670381.1

Duffy

(12)

2- Production
1- Inspection
1- methods
1- Stores
1 computer (short cable)



SURVEY NO. 4205-B

TITLE NO. 71-N-0229

MAP OF PROPERTY AT HICKSVILLE

TOWN OF OYSTER BAY, NASSAU CO. N.Y.

SCALE 1" = 40' U.S. STAND. OF MEAS.

SURVEYED: AUG. 12, 1971

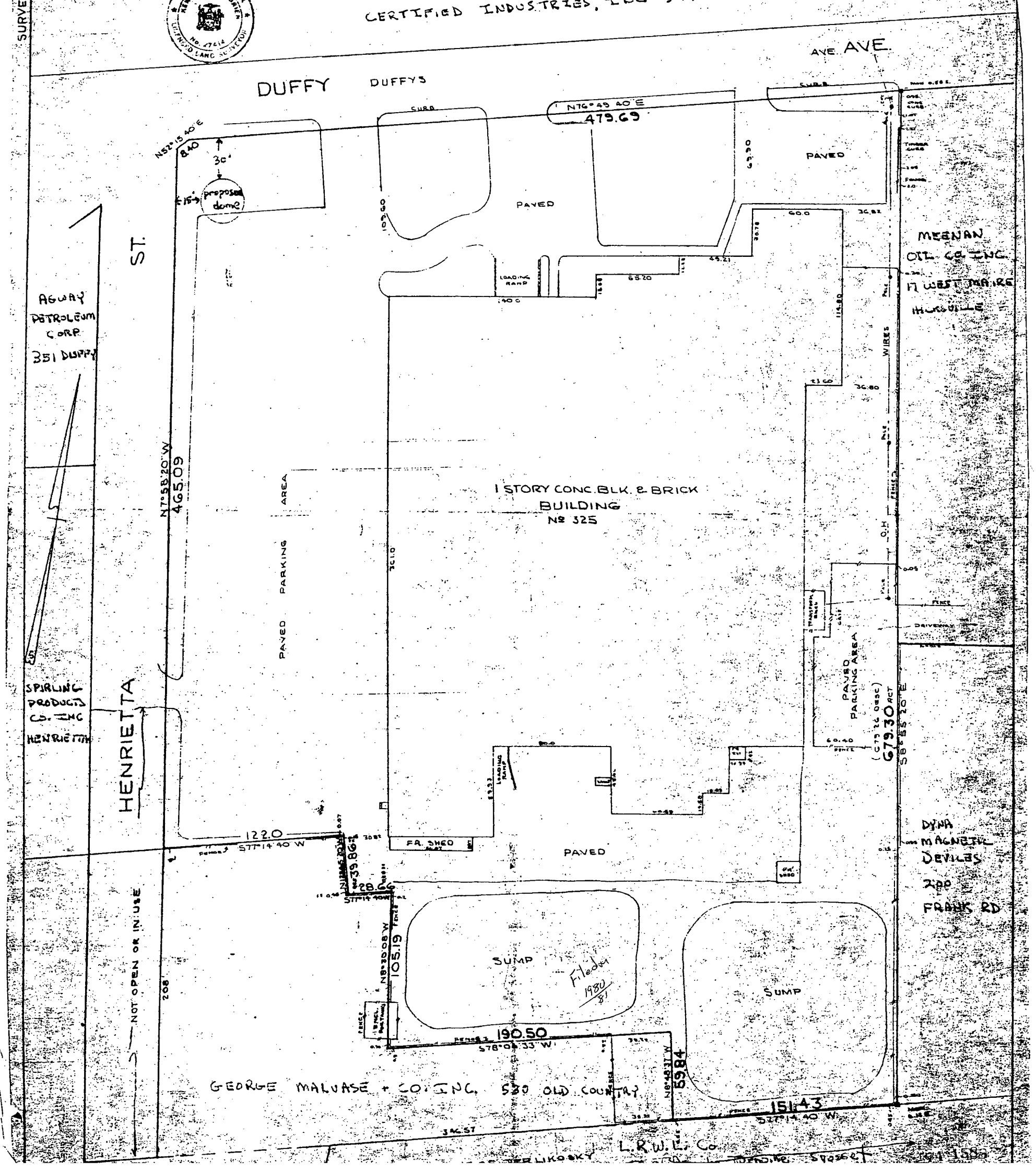
GUARANTEED TO: CHICAGO TITLE INSURANCE CO
NEW ENGLAND MUTUAL LIFE INSURANCE CO
MARINE MIDLAND REALTY CORP.

BY: Kenneth S. O'Brien

STATE OF NEW YORK — KENNETH S. O'BRIEN — No. 27614 — LICENSED LAND SURVEYOR

KENNETH S. OBRIEN
LAND SURVEYOR 689 BROADWAY
MASSAPEQUA, N.Y. PYRAMID 9, 6066

NOTE:
SEC. 11, BLK. H, LOT 112 & P/O LOT 341.
NASSAU CO. LAND & TAX MAP
SUBSURFACE CONDITIONS NOT SHOWN



TITLE NO: 71-N-02290

SURVEY NO. 4205-B

MAP OF PROPERTY AT HICKSVILLE

TOWN OF OYSTER BAY, NASSAU CO. N.Y.

SCALE 1" = 40' U.S. STAND. OF MEAS

SURVEYED: AUG. 12, 1971
RESURVEYED NOV. 13, 1978

71-N-02290

GUARANTEED TO: CHICAGO TITLE INSURANCE CO TITLE Nº 7805-03096
METCO INC. A WHOLLY OWNED SUBSIDIARY
OF THE PERKIN ELMER CORP.

Unauthorized alteration or addition to this survey is a violation of section 7209 of the New York State Education Law.

Copies of this survey map not bearing the land surveyor's inked seal or embossed seal shall not be considered to be a valid true copy.

Guarantees indicated hereon shall run only to the person for whom the survey is prepared, and to his, her, or its successors and assigns, to the title company, governmental agency and lending institution listed hereon, and to the assignees of the lending institution. Guarantees are not transferable to additional institutions or subsequent owners.

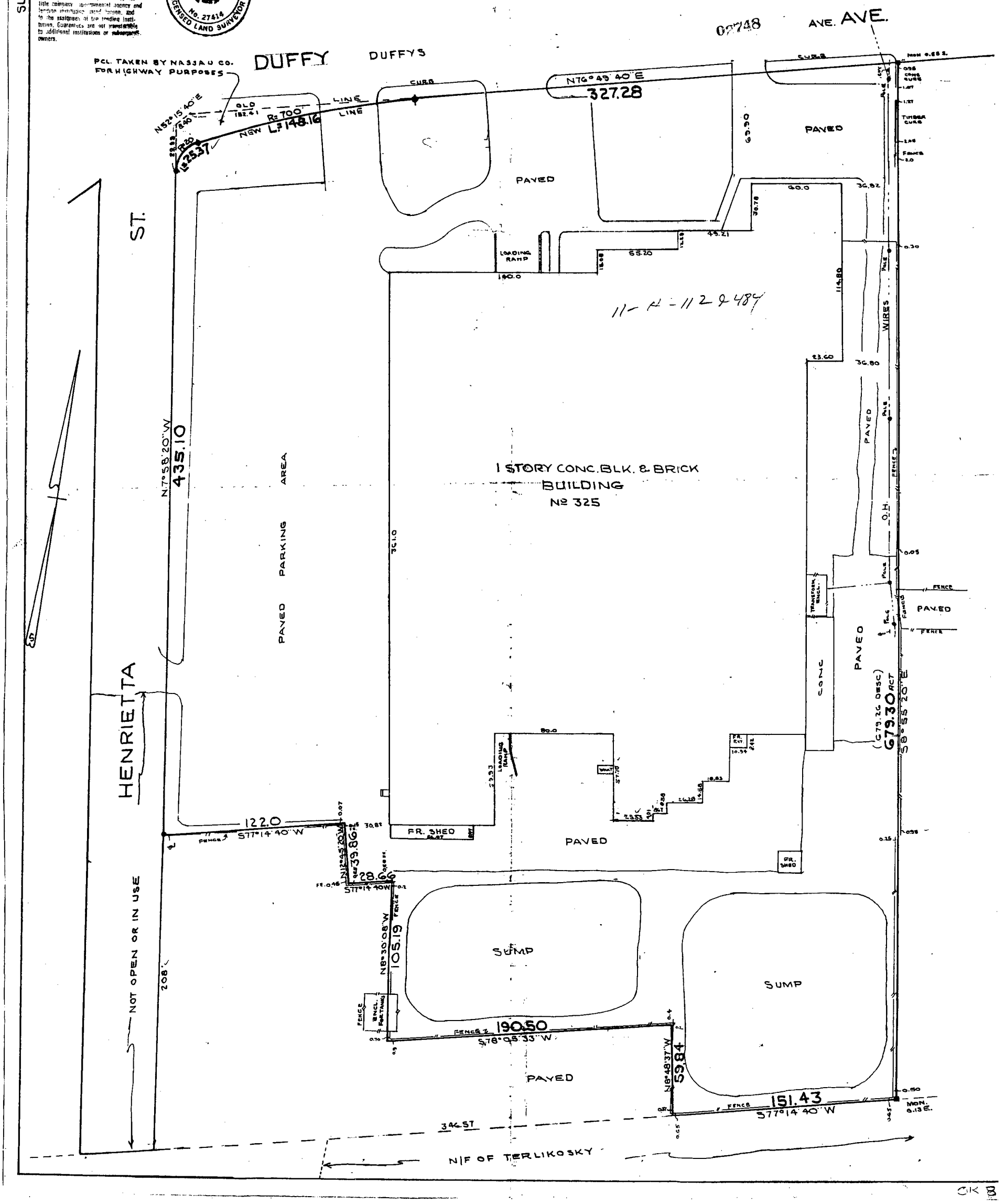
BY: Kenneth S. O'Brien

STATE OF NEW YORK
KENNETH S. O'BRIEN
No. 27414
LICENSED LAND SURVEYOR

KENNETH S. O'BRIEN

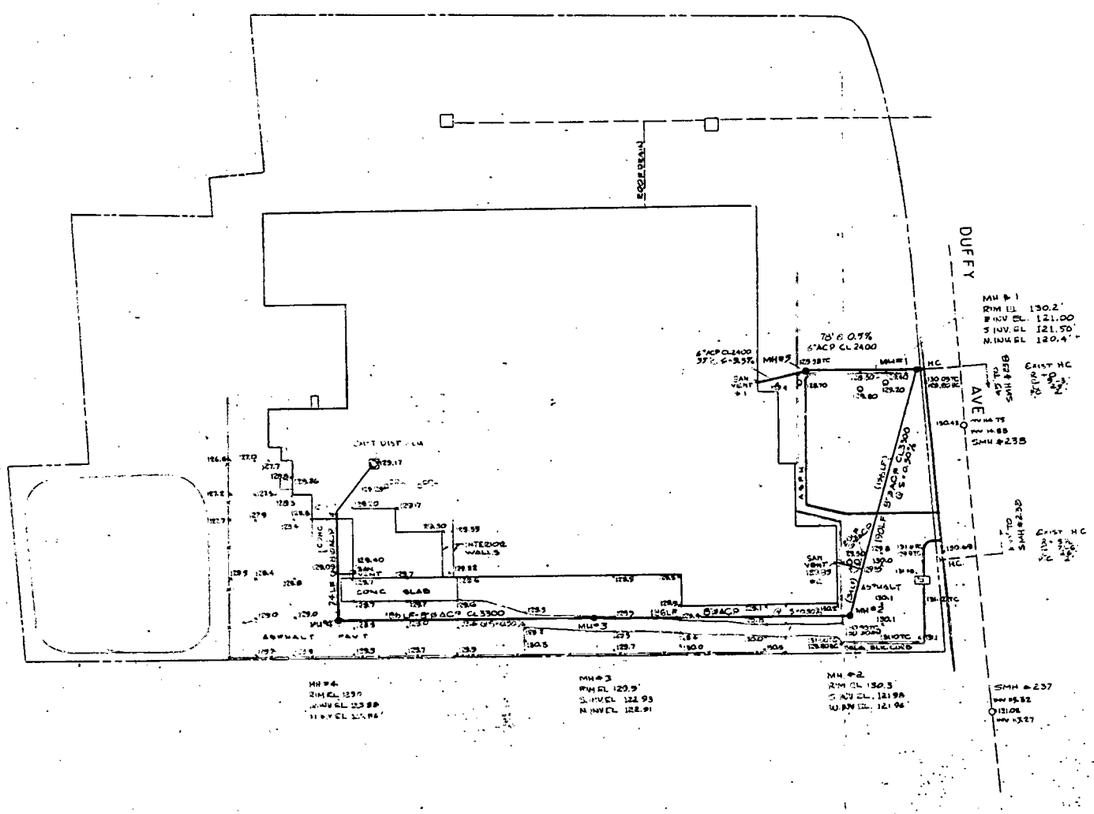
LAND SURVEYOR 689 BROADWAY
MASSAPEQUA, N.Y. PYRAMID 9. 6066

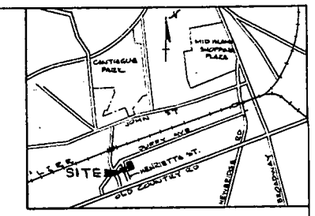
NOTE:
SEC. 11, BLK. H, LOT 112 & 484
NASSAU CO. LAND & TAX MAP
SUBSURFACE CONDITIONS NOT SHOWN
AREA OF PLOT BEFORE TAKING 290,325 SQ.FT ~ 6.6649 ACRES
AREA OF TAKING BY NASSAU CO. 1,021 SQ.FT.
AREA OF PLOT AFTER TAKING 289,304 SQ.FT ~ 6.6415 ACRES
● DENOTES STK.



OK

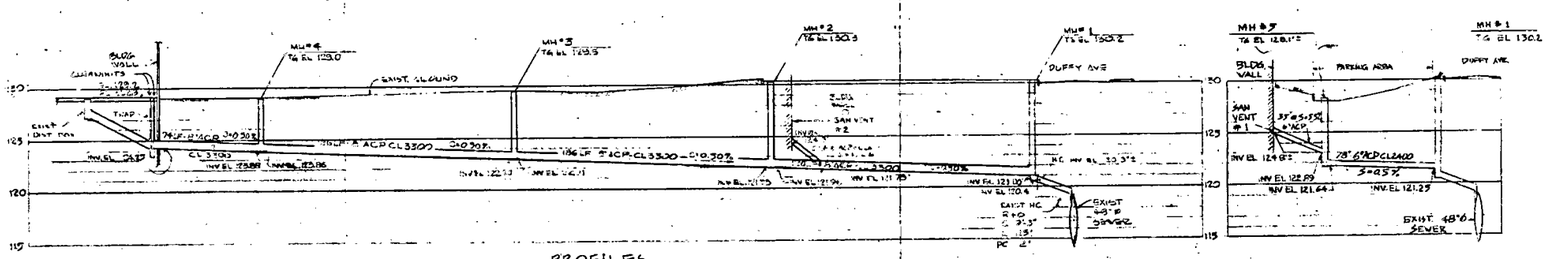
DRAWING NO. 8412-1-D1





NOTES:

1. SITE PLAN, LOCATIONS & SURFACE ELEVATIONS OF EXISTING FACILITIES ARE BASED ON A TOPOGRAPHIC SURVEY PREPARED BY BOHN & BONACCI, P.C., CONSULTING SURVEYORS OF MINEOLA, N.Y. DATED 5/14/89.
2. LOCATIONS AND INVERT ELEVATIONS OF EXISTING SEWER MAIN AND HOUSE CONNECTIONS ARE TAKEN FROM THE COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS.
3. ACTUAL LOCATIONS AND ELEVATIONS OF EXISTING FACILITIES ARE SUBJECT TO VERIFICATION UPON EXPOSURE DURING CONSTRUCTION. PROPOSED DETAILS MAY THEN REQUIRE MODIFICATIONS.
4. NOTIFY LILCO OF "INTENT TO DIG", SEVENTY TWO (72) HOURS IN ADVANCE. SEND EXCAVATION NOTICE TO:
   LILCO
   NOTIFICATION SECTION
   179 OLD COUNTRY ROAD
   HICKSVILLE, N.Y. 11801
   TEL. (516) 681-6000
5. ALL CESSPOOLS & SEPTIC TANKS ARE TO BE EMPTIED AND BACKFILLED IN ACCORDANCE WITH SECTION II PARAGRAPH 4 OF THE SEWER ORDINANCE.
6. SIX (6) INCH DIAMETER CLEANOUTS SHALL BE EXTRA HEAVY CAST IRON PIPE WITH BRASS PLUG AND FERRULE.
7. CLEANOUT FRAMES & COVERS SHALL BE CAST IRON, CAMBELL NO 1735 OR APPROVED EQUAL, SET IN 3'x3'x8" THICK CONCRETE PAD AT FINISHED GRADE.
8. NO MATERIAL SHALL BE USED BY THE CONTRACTOR UNTIL IT HAS BEEN INSPECTED AND APPROVED BY THE NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS.
9. ALL PIPE, FITTINGS, ANCHORS, MANHOLES, CLEANOUTS AND OTHER COMPONENTS USED ARE TO BE IN ACCORDANCE WITH NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS FOR CONSTRUCTION OF SANITARY SEWERS.
10. PERMISSION TO SUBSTITUTE PVC FOR ACP SEWER PIPE CAN BE OBTAINED BY WRITING:
    MR. JOHN F. CARUSO, DEPUTY COMMISSIONER
    NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
    DIVISION OF SANITATION AND WATER SUPPLY
    1 WEST STREET
    MINEOLA, NEW YORK 11501



PROFILES
SCALE: H 1"=60'-0" V 1"= 5'-0"

REV	DATE	DESCRIPTION	BY	APP
1	10/17/89	MANHOLE #3 & PROFILE	CVL	GTJ

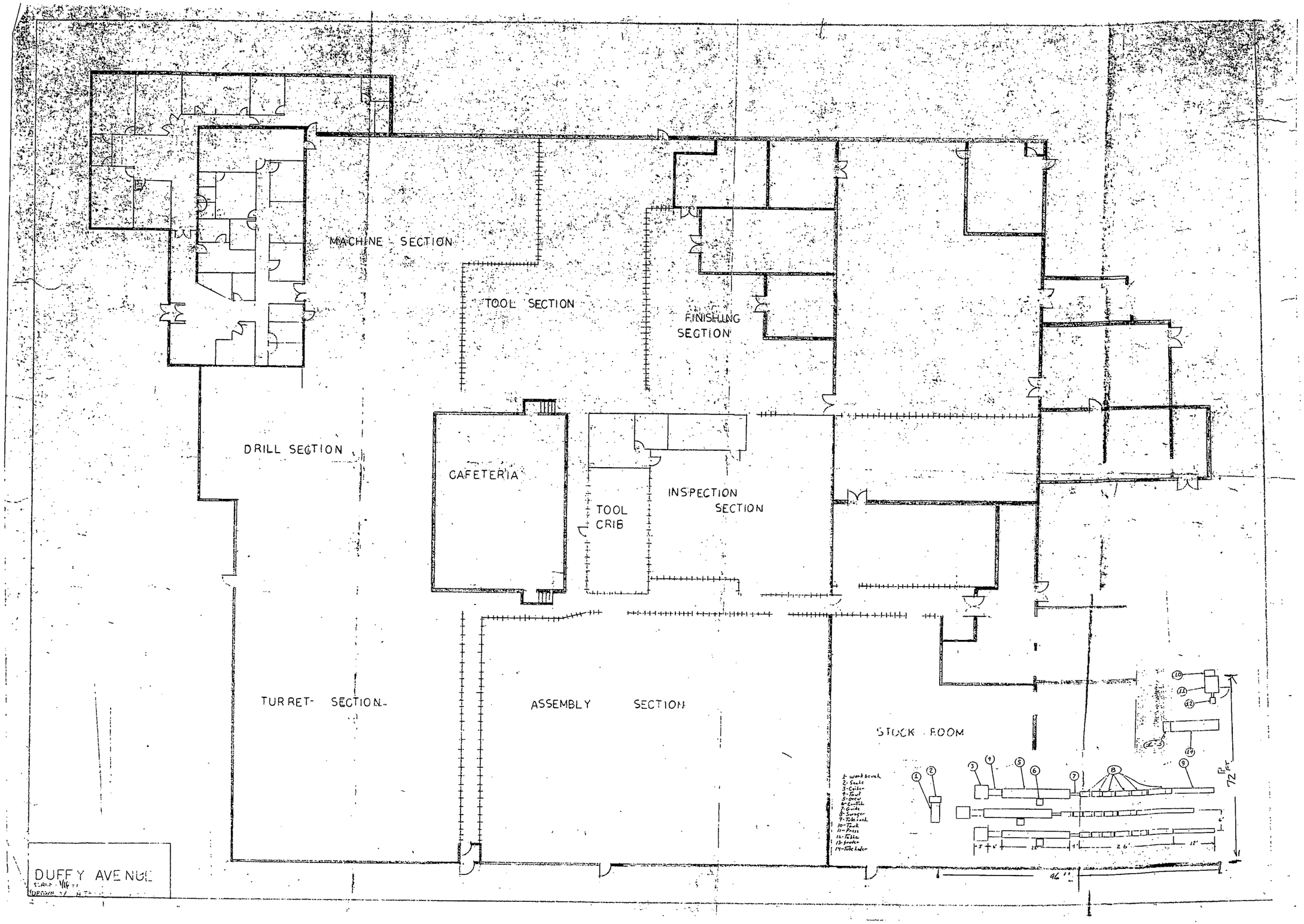
METCO INC.
1101 PROSPECT AVENUE, WESTBURY, NEW YORK

SANITARY SEWER CONNECTIONS
325 DUFFY AVENUE
HICKSVILLE, N.Y.

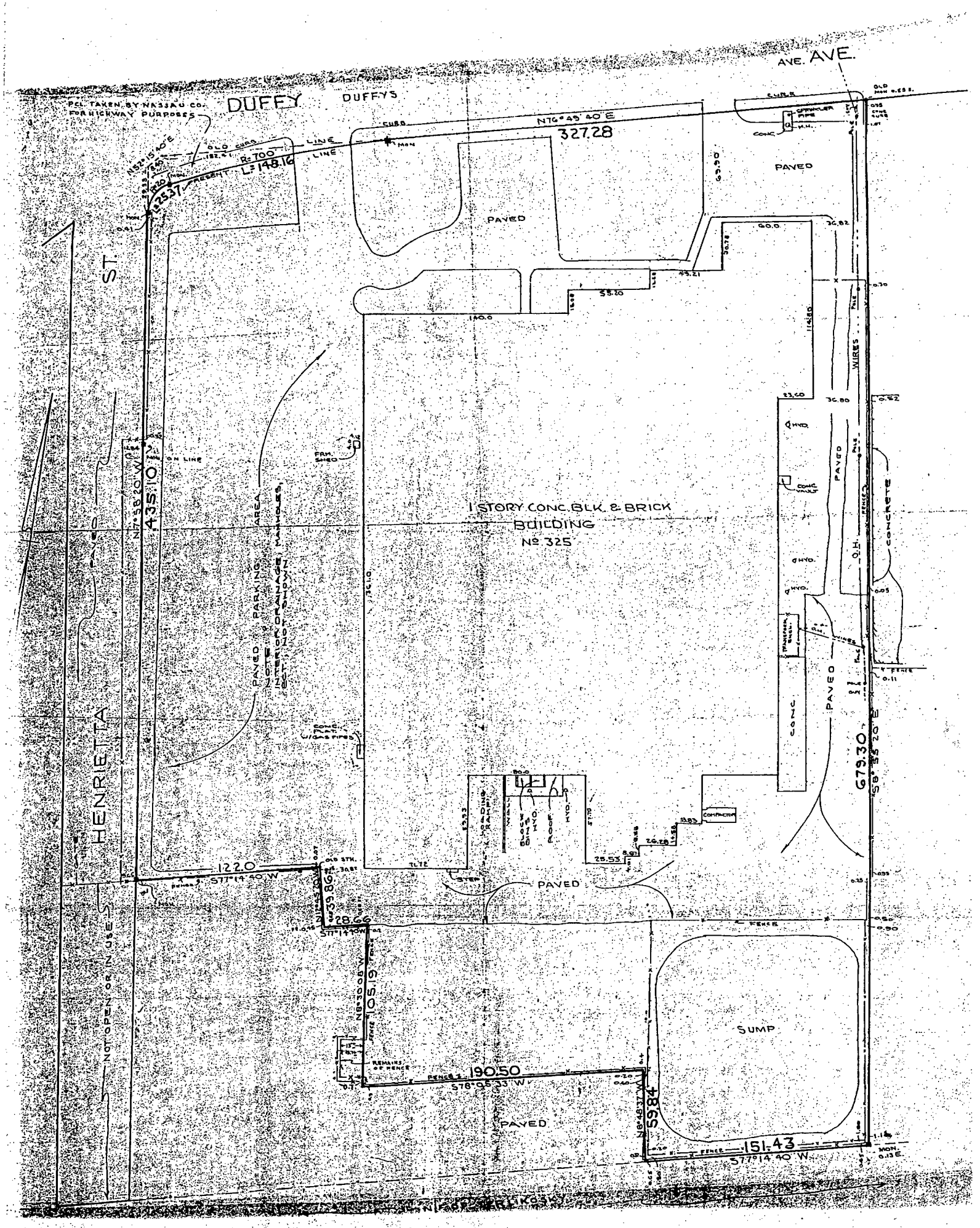
CHARLES J. DEFEO, PE
CONSULTING ENGINEER
ROSLYN, N.Y.

SCALE H 1"=60'-0" V 1"= 5'-0"
DATE JULY 21, 1986
DRAWING NO. D-1
REVISION 1

SEWER CONTRACT AREA 3-H-38


MACHINE SECTION
TOOL SECTION
FINISHING SECTION
DRILL SECTION
CAFETERIA
TOOL CRIB
INSPECTION SECTION
TURRET SECTION
ASSEMBLY SECTION
STOCK ROOM
1- workbench
2- Scale
3- Caliber
4- Tank
5- Drew
6- Cartridge
7- Guide
8- Swager
9- Tubesack
10- Tank
11- Press
12- Table
13- Feeder
14- Tube Lader
72 FT
46"
DUFFY AVENUE

STD - 2BR. Room
W/ COLLECTOR



NOTE:
AREA OF PLOT = 289,304 SQ.FT. OR 6.6415 ACRES

SURVEY OF PROPERTY AT HICKSVILLE

GUARANTEED TO CHICAGO TITLE INSURANCE COMPANY
SULZER METCO (WESTBURY) INC.

DISTRICT 11 SECTION 484 BLOCK 11

NASSAU COUNTY LAND & TAX MAP

LOT 11 FILED ..... CASE No. ..... CO. OF NASSAU N.Y.

RESURVEYED APR. 13, 1994
RESURVEYED SEPT. 12, 1983
RESURVEYED NOV. 13, 1978
SURVEYED AUG. 12, 1971

BY Kenneth S. O'Brien L.S.

© ALL RIGHTS RESERVED

SUCCESSOR TO:
WILLIAM S. ALCH
JULIUS E. JARGSTORFF
ROBERT D. JONES, JR. (MASSAP.)
ALBERT L. LOEFFLER
C. A. MONROE
PETER L. PFLEIDERER, JR.
JEFFREY J. ROBERTSON
H. A. SCHMIELAU
THE BABYLON RECORDS & SURVEYS OF
THE GEORGE H. WALBRIDGE CO.
CONSISTING OF THE FIVE WESTERN TOWNS OF SUFFOLK

KENNETH S. O'BRIEN
LAND SURVEYOR
PREDECESSOR FIRMS EST. 1892
689 BROADWAY MASSAPEQUA, N. Y. (516) PY 9-6066

LEGEND			
	—x—x— FENCE	℄ ON LINE	OV OVER
	—~~~— HEDGE	—∞— SHRUBS	

TITLE No. 9405-00314

Unauthorized alteration or addition to this survey is a violation of Section 7209 of the New York State Education Law. Copies of this Survey Map not bearing the Land Surveyor's Inked Seal or Embossed Seal shall not be considered to be a valid true copy.

Measurements U.S. Standard, Subsurface Conditions not shown. Easements, Right of Way of Record if any not shown Patios, Walks, Paved Areas, Yard electric lights or outlets, if any not shown unless encroaching

Guarantees indicated hereon shall run only to the person for whom the survey is prepared, and on his behalf to the Title Company, Governmental Agency and Lending Institution listed hereon, and to the Assignees of the Lending Institution. Guarantees are only transferable to additional institutions or subsequent owners by Kenneth S. O'Brien.

STATE OF NEW YORK · KENNETH S. O'BRIEN · No. 27414 · LICENSED LAND SURVEYOR

CHICAGO TITLE INSURANCE COMPANY

Title No.: 9405-00314

LEGAL DESCRIPTION

ALL THAT CERTAIN PLOT, PIECE, OR PARCEL OF LAND, SITUATE, LYING, AND BEING AT HICKSVILLE, TOWN OF OYSTER BAY, COUNTY OF NASSAU AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT THE CORNER FORMED BY THE INTERSECTION OF THE SOUTHERLY SIDE OF DUFFY AVENUE AND THE EASTERLY SIDE OF HENRIETTA STREET SAID POINT BEING THE EASTERLY END OF A CURVE; CONNECTING THE SAID SOUTHERLY SIDE OF DUFFY AVENUE AND THE EASTERLY SIDE OF HENRIETTA STREET AS SAID DUFFY AVENUE AND HENRIETTA STREET EXIST TODAY;

RUNNING THENCE EASTERLY ALONG THE SOUTHERLY SIDE OF DUFFY AVENUE ALONG THE ARC OF A CURVE BEARING TO THE RIGHT WHOSE RADIUS IS 700 FEET A DISTANCE OF 148.16 FEET TO A POINT;

THENCE STILL ALONG THE SOUTHERLY SIDE OF DUFFY AVENUE NORTH 76 DEGREES 49 MINUTES 40 SECONDS EAST 327.28 FEET;

RUNNING THENCE SOUTH 8 DEGREES 55 MINUTES 20 SECONDS EAST 679.30 FEET TO LAND NOW OR FORMERLY OF TERLIKOFSKY;

RUNNING THENCE SOUTH 77 DEGREES 14 MINUTES 40 SECONDS WEST ALONG SAID LAND, 151.43 FEET;

RUNNING THENCE NORTH 8 DEGREES 48 MINUTES 37 SECONDS WEST 59.84 FEET;

RUNNING THENCE SOUTH 78 DEGREES 05 MINUTES 33 SECONDS WEST 190.50 FEET;

RUNNING THENCE NORTH 8 DEGREES 30 MINUTES 08 SECONDS WEST 105.19 FEET;

RUNNING THENCE SOUTH 77 DEGREES 14 MINUTES 40 SECONDS WEST 28.66 FEET;

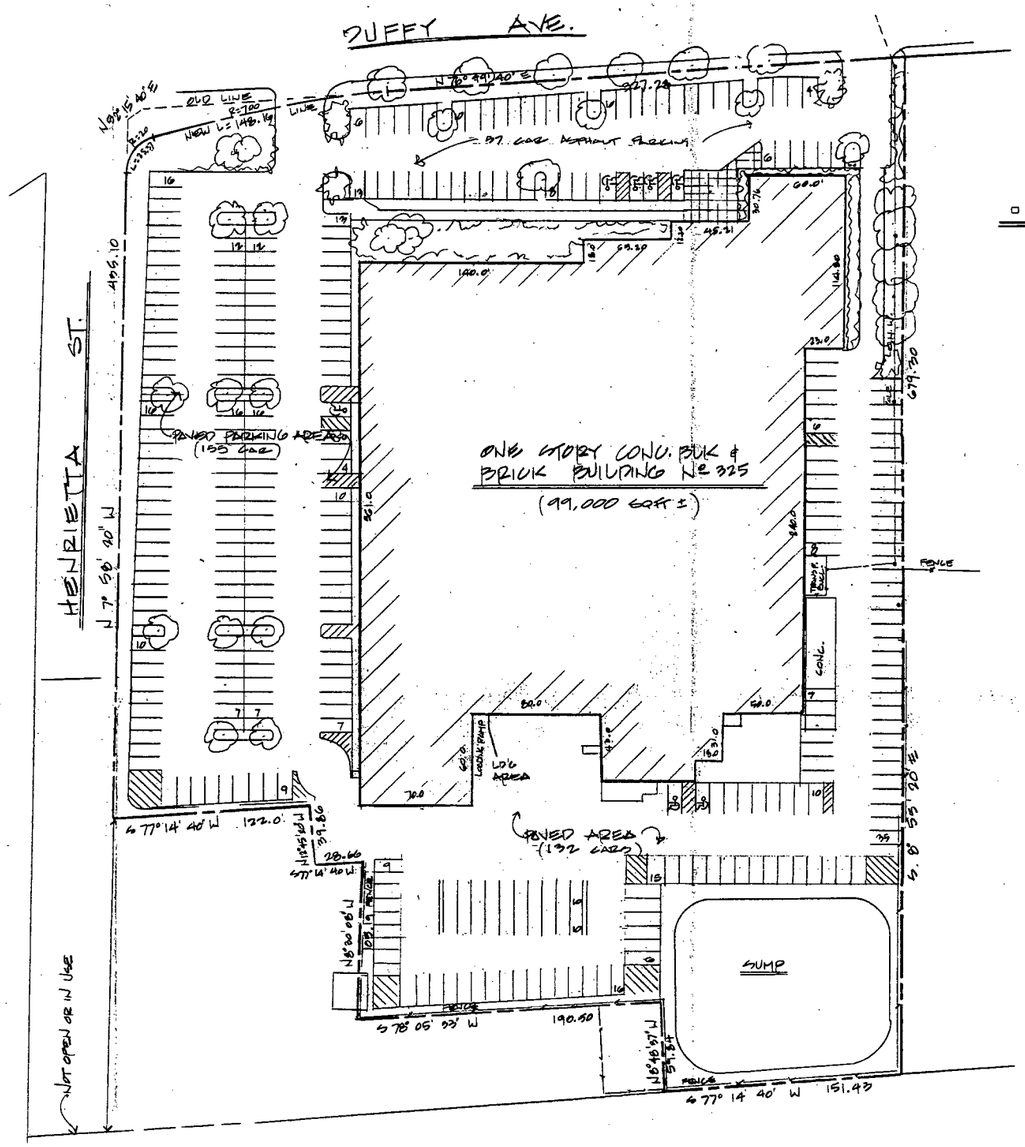
RUNNING THENCE NORTH 12 DEGREES 45 MINUTES 20 SECONDS WEST 39.86 FEET;

RUNNING THENCE SOUTH 77 DEGREES 14 MINUTES 40 SECONDS WEST 122 FEET TO THE EASTERLY SIDE OF HENRIETTA STREET;

RUNNING THENCE ALONG THE EASTERLY SIDE OF HENRIETTA STREET, NORTH 7 DEGREES 58 MINUTES 20 SECONDS WEST 435.10 FEET TO THE SOUTHERLY END OF THE CURVE FIRST ABOVE MENTIONED;

THENCE NORTHEASTERLY ALONG THE ARC OF THE CURVE FIRST ABOVE MENTIONED WHOSE RADIUS IS 20 FEET A DISTANCE OF 25.37 FEET TO THE POINT OR PLACE OF BEGINNING.

All drawings, specifications, plans, ideas, arrangements and designs represented or referred to are the property of and owned by JOHN ROTURO & JOHN GRUPP whether the project for which they are made is executed or not. They were created, evolved, developed and produced for the sole use on and in connection with this project and none of the above may be disclosed or given to or used by any person, firm or corporation for any use or purpose whatsoever including any other project, except upon written permission and direction of JOHN ROTURO & JOHN GRUPP



SITE INFORMATION

ZONE	INDUSTRIAL
SECTION 11 ; BLOCK H	; LOT 112 & 484
LOT AREA	289,304 S.F = 6.6415 ACRES
BUILDING AREA	99,000 S.F.±
LOT COVERAGE	34.22 %

PARKING REQUIRED

OFFICE AREA @ 1/200	16,000 S.F. ÷ 200	= 80
MANUFACTURING & ASSEMBLY 1/500	68,000 S.F. ÷ 500 =	227
WAREHOUSE 1/500	15,000 S.F. ÷ 500	= 30
	TOTAL	337

TOTAL PARKING REQUIRED	333 CARS
TOTAL PARKING PROVIDED	344 CARS
PAVED AREA EQUIVALENT	334 S.F. PAVED AREA / CAR
334 x 333 CARS	112,558 PAVED AREA
PAVED AREA REQUIRED	112,558 ±
PAVED AREA PROVIDED	154,404 ±

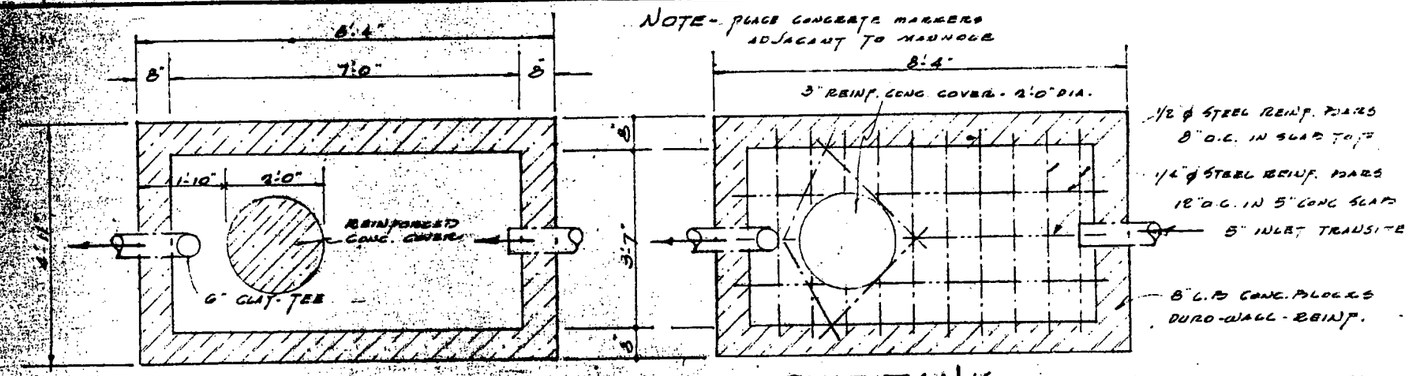
THIS PLOT PLAN WAS CREATED FROM A SURVEY PREPARED BY KENNETH O'BRIEN LICENSED L.S. DATE AUG. 1971

PROPOSED PLOT PLAN

SCALE 1" = 40'-0"

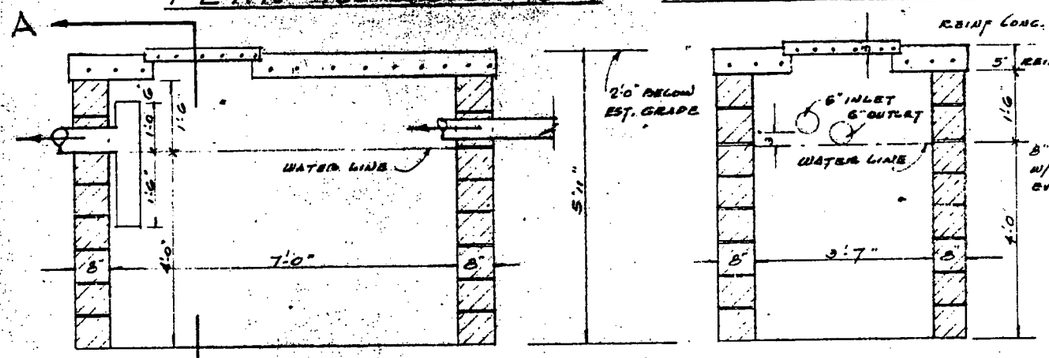
SITE PLAN BASED ON SURVEY BY KENNETH S. O'BRIEN LICENSED LAND SURVEYOR DATED AUG. 1971

NOTE - PLACE CONCRETE MARKERS ADJACENT TO MANHOLE



PLAN - 750 GAL. CAPACITY

SEPTIC TANK - ST. REINF. BARS for COVER



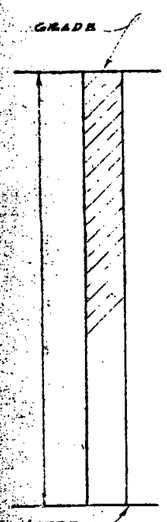
SECTION

SCALE 1/2" = 1'-0"

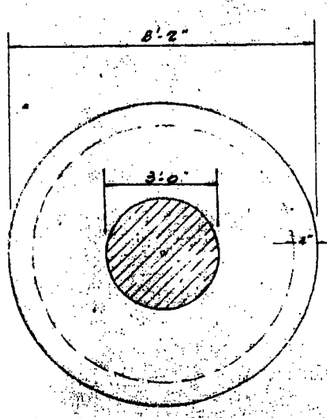
SECTION - A - A

8" L.B. CONC. BLOCKS - REINF. W/ DURO-WALL REINF. STEEL EVERY 2ND COURSE of BLOCKS

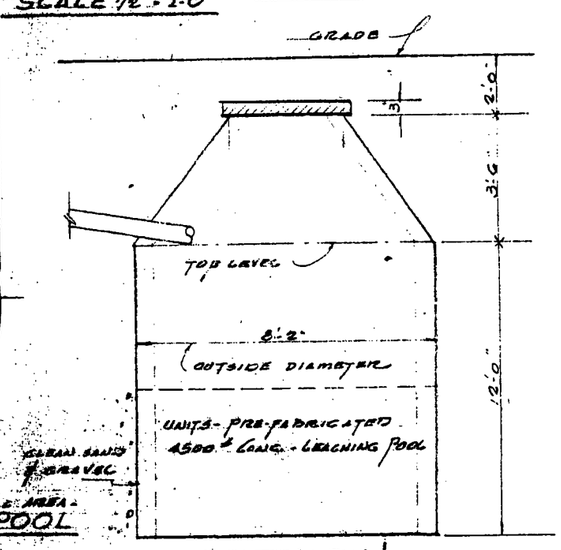
MASONRY SEPTIC TANK
750 GAL. CAPACITY
101 CU. FT. INSIDE AREA



SOIL STRATA

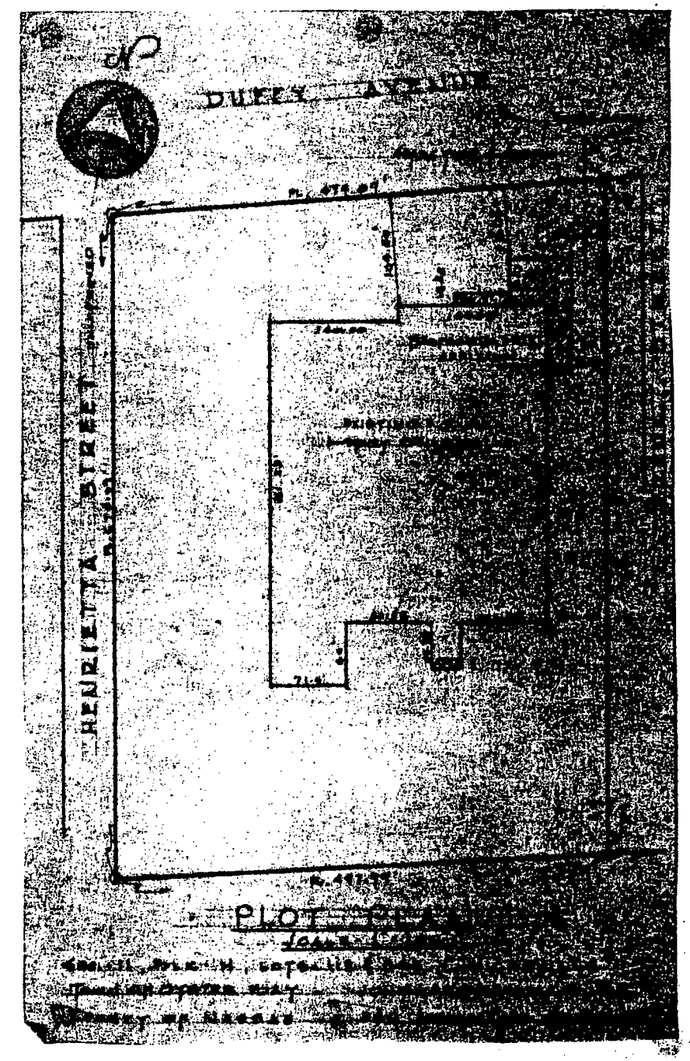


PLAN - 338 # POOL
SIDEWALL AREA
SCALE 1/8" = 1'-0"



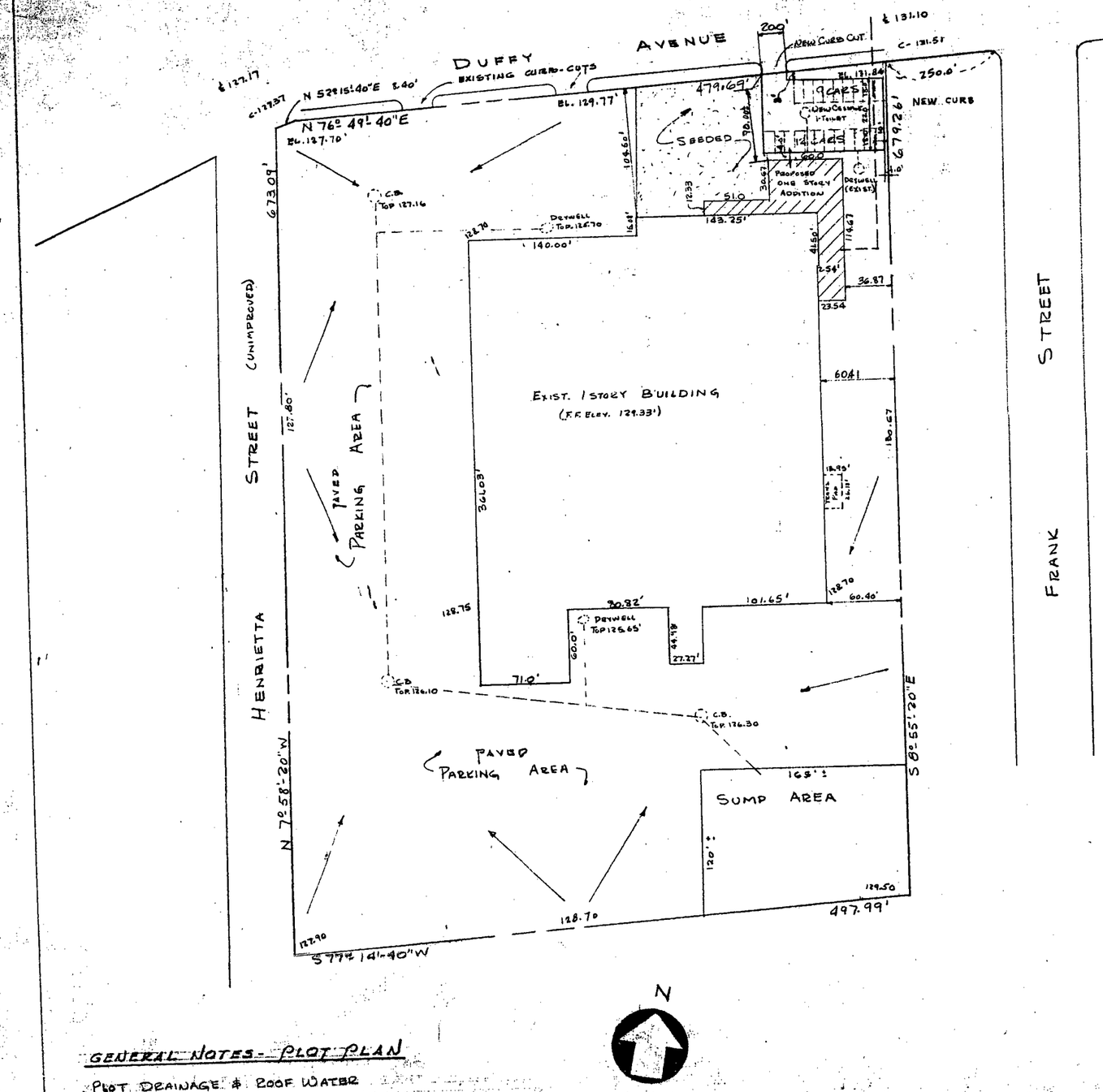
SECTION

NOTE - Leaching Pool - Pre-cast De Pasquale or equal - Units - 3 sections & conical crown with reinforced concrete cover, 338 # wall area. @ 4 gal. - 1352 gallons



PLOT PLAN

305/25



PLOT AREA: 325,000± SQ. FT.

EXIST. BLDG. AREA: 92,226 SQ. FT.

ADDITION TO EXISTING BLDG: 4,790 SQ. FT.

TOTAL BLDG. AREA: 97,016 SQ. FT.

PARKING AREA: EXISTING: 176,000 SQ. FT.
NEW: 5,568 SQ. FT.
TOTAL: 181,568 SQ. FT.

NO SURFACE DRAINAGE SHALL BE PERMITTED TO FLOW ONTO ADJOINING PROPERTY

SECTION - 11 BLOCK - H LOTS - 112 & 341

GENERAL NOTES - PLOT PLAN

PLOT DRAINAGE & ROOF WATER INTO EXIST. DRYWELLS

ADDITION FOR T.O.D. MANUF. Co., INC.
DUFFY AVE. HICKSVILLE, N.Y.

PROFESSIONAL ENGINEER JOHN A. GRAMMAS NO. 37830 UNIVERSITY OF THE STATE OF NEW YORK

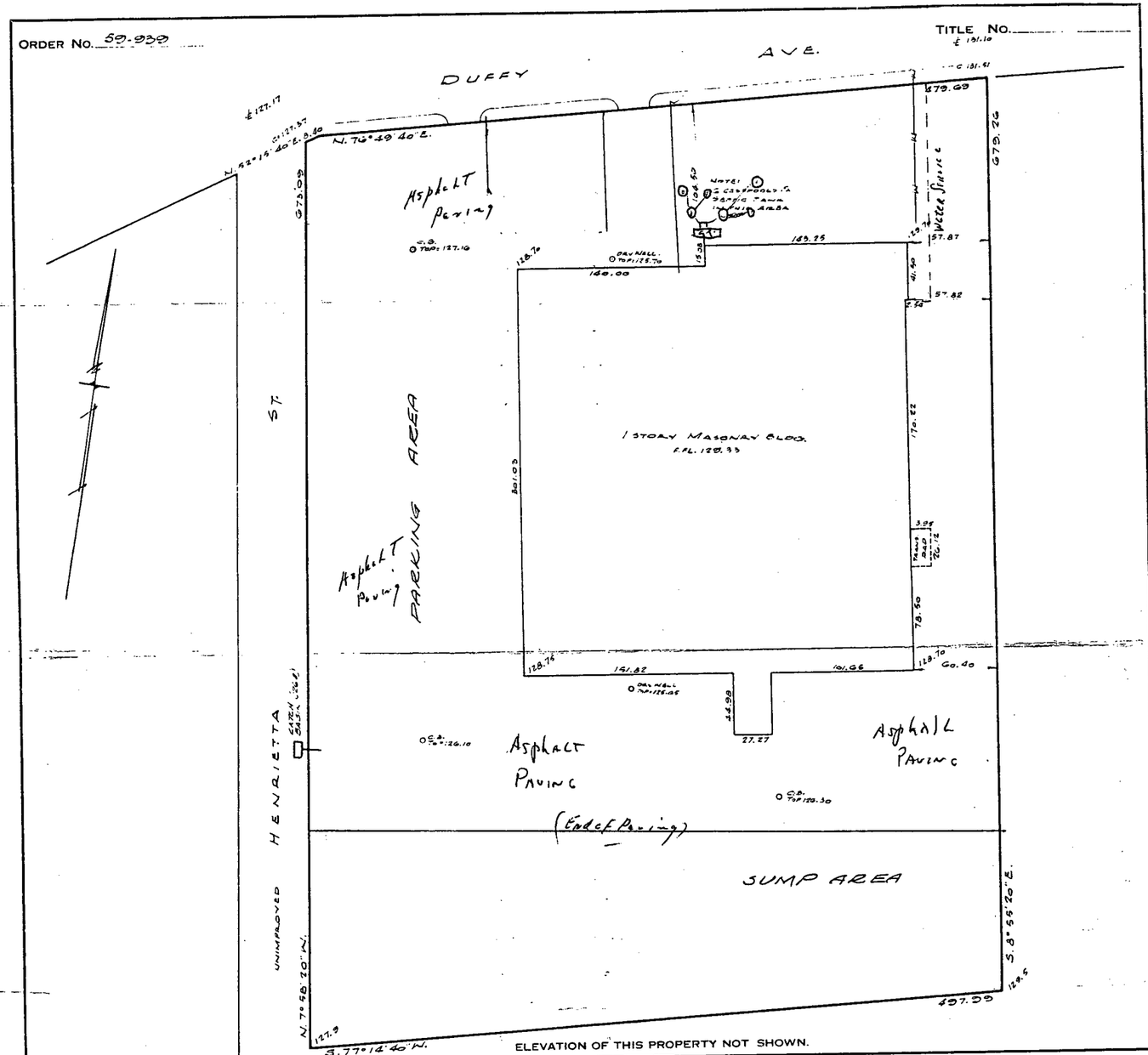
PLOT PLAN
SCALE 1" = 60'0

JOHN A. GRAMMAS
PROFESSIONAL ENGINEER
366 JERICHO TPKE. MINEOLA, N.Y.

JOB 2309
DWG. R1

ORDER No. 59-939

TITLE No.



ELEVATION OF THIS PROPERTY NOT SHOWN.

SIDNEY B. BOWNE

LIC. PRO. ENG'R & LAND SURVEYOR NO. 1772

MINEOLA, N. Y.

LOTS

BLOCK

MAP OF PROPERTY

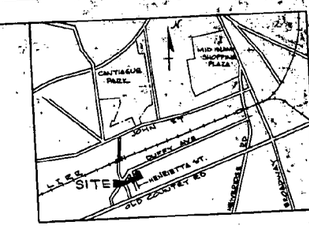
SCALE 1" = 60' DATE JAN. 20, 1949

MEASUREMENTS U. S. STANDARD

LOCATION HICKSVILLE, NASSAU CO., N.Y.

SURVEY GUARANTEED TO

DRAWN BY F. CHECKED BY MM. BOOK 186 PAGE 69-70



NOTES:

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2. LOCATIONS AND INVERT ELEVATIONS OF EXISTING SEWER MAIN AND HOUSE CONNECTIONS ARE TAKEN FROM THE COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS.
3. ACTUAL LOCATIONS AND ELEVATIONS OF EXISTING FACILITIES ARE SUBJECT TO VERIFICATION UPON EXPOSURE DURING CONSTRUCTION. PROPOSED DETAILS MAY THEN REQUIRE MODIFICATIONS.
4. NOTIFY LILCO OF 'INTENT TO DIG', SEVENTY TWO (72) HOURS IN ADVANCE. SEND EXCAVATION NOTICE TO:
   LILCO
   NOTIFICATION SECTION
   175 OLD COUNTRY ROAD
   HICKSVILLE, N.Y., 11801
   TEL. (516) 681-8000
5. ALL CESSPOOLS & SEPTIC TANKS ARE TO BE EMPTIED AND BOLTFILLED IN ACCORDANCE WITH SECTION II, PARAGRAPH 4, OF THE SEWER ORDINANCE.
6. SIX (6) INCH DIAMETER CLEANOUTS SHALL BE EXTRA HEAVY CAST IRON PIPE WITH BRASS PLUG AND FERRULE.
7. CLEANOUT FRAMES & COVERS SHALL BE CAST IRON, CAMBELL NO. 1739 OR APPROVED EQUAL, SET IN 3'x3'x8" THICK CONCRETE PAD AT FINISHED GRADE.
8. NO MATERIAL SHALL BE USED BY THE CONTRACTOR UNTIL IT HAS BEEN INSPECTED AND APPROVED BY THE NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS.
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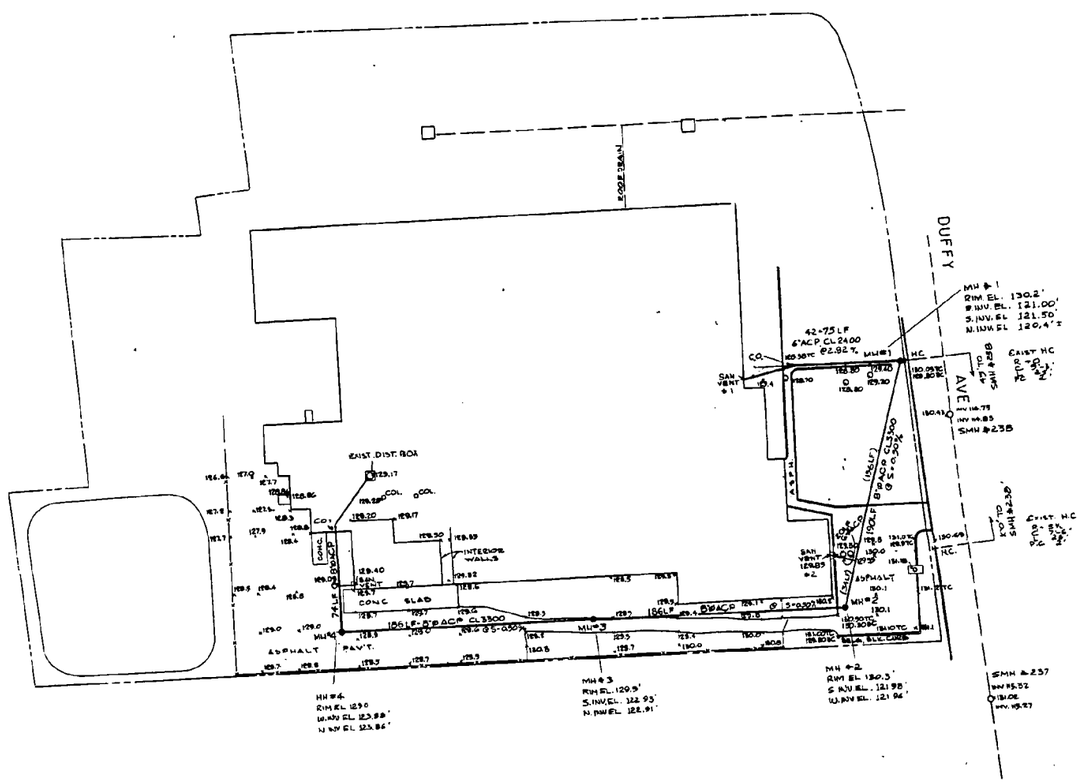
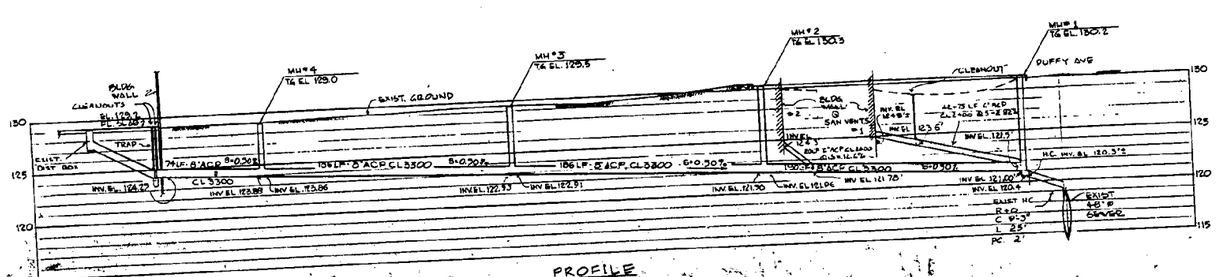
10. PERMISSION TO SUBSTITUTE PVC FOR ACP SEWER PIPE CAN BE OBTAINED BY WRITING:
    MR. JOHN P. CARUSO, DEPUTY COMMISSIONER
    NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
    DIVISION OF SANITATION AND WATER SUPPLY
    1 WEST STREET
    MINEOLA, NEW YORK 11501





PROFILE
SCALE: H 1"=40'-0"
V 1"=5'-0"

REV.	DATE	DESCRIPTION	BY	APP.

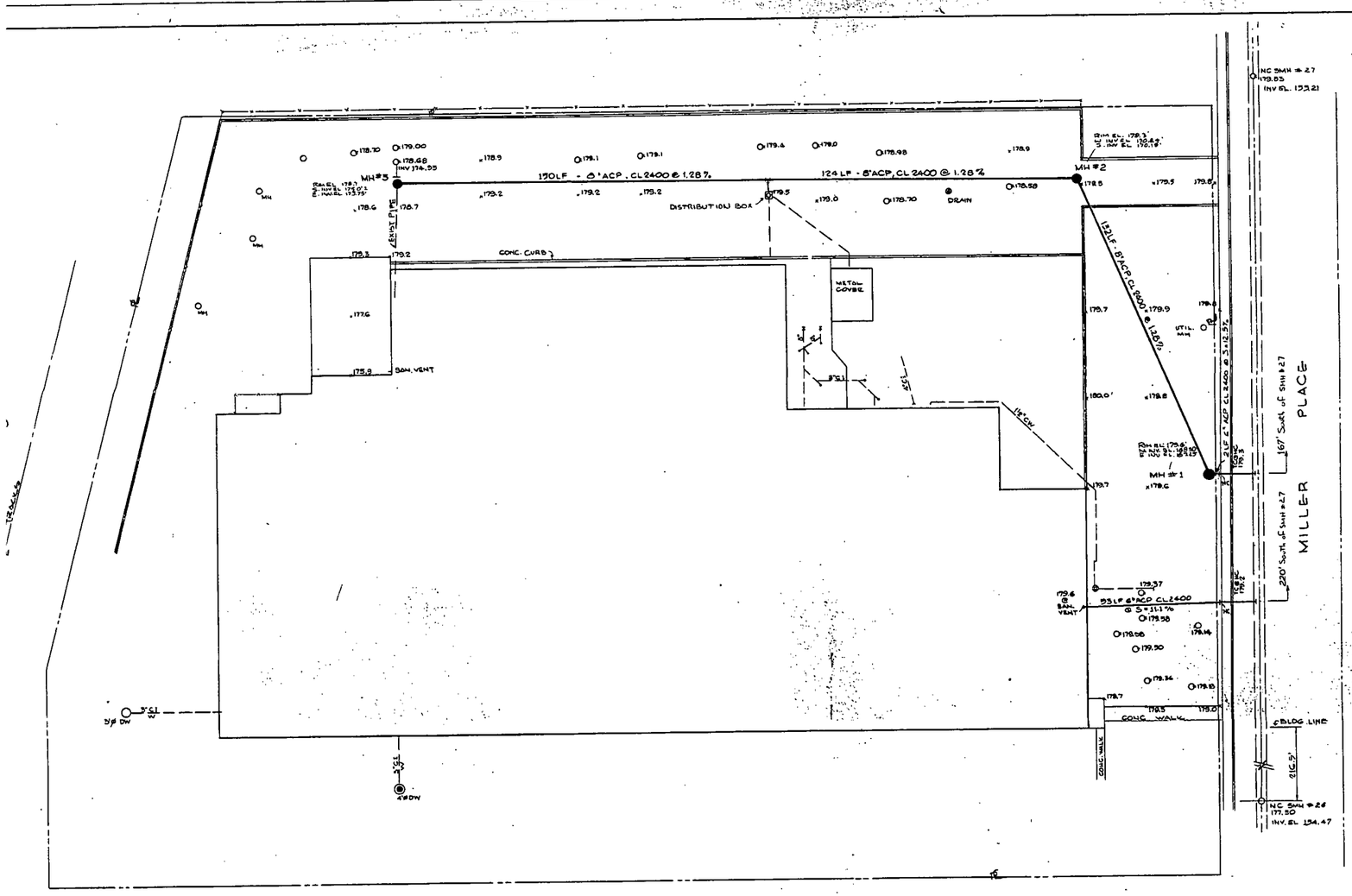
METCO INC.
1101 PROSPECT AVENUE, WESTBURY, NEW YORK

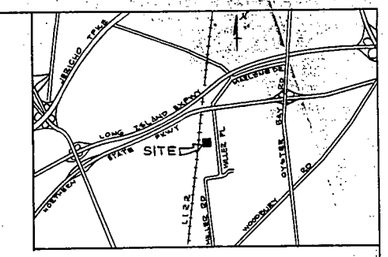
SANITARY SEWER CONNECTIONS
325 DUFFY AVENUE
HICKSVILLE, N.Y.

CHARLES J. DEFEO, PE
CONSULTING ENGINEER
ROSLYN, N.Y.

SCALE: H 1"=40'-0" V 1"=5'-0"
DATE: JULY 8, 1985
DRAWING NO. D-1
REVISION

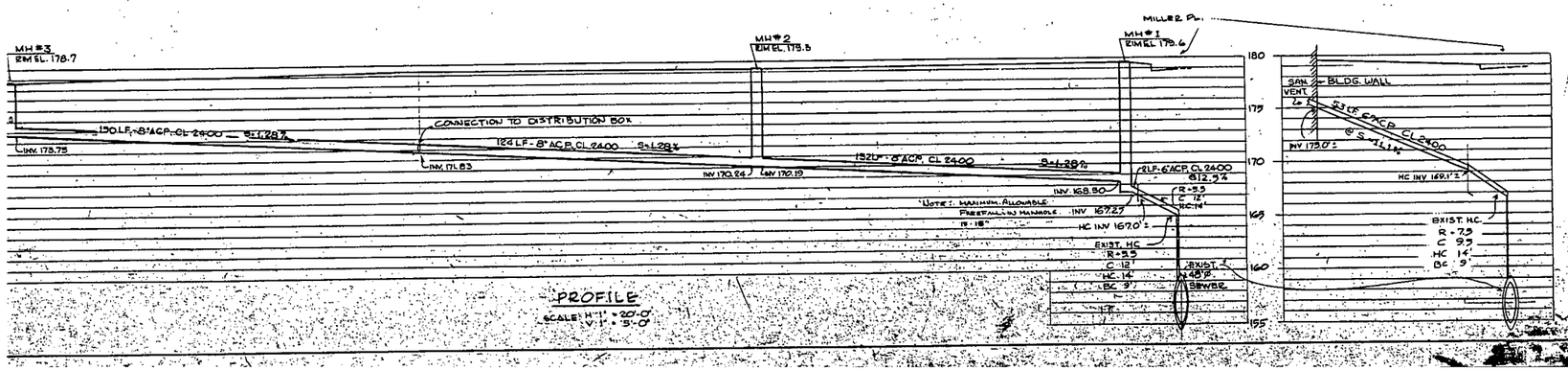
SEWER CONTRACT AREA 3-H-3B





NOTES:

1. SITE PLAN, LOCATIONS & SURFACE ELEVATIONS OF EXISTING FACILITIES ARE BASED ON A TOPOGRAPHIC SURVEY PREPARED BY BOHN & BONACCI, P.C., CONSULTING SURVEYORS, OF MINEOLA, N.Y., DATED 5/14/85
2. LOCATIONS AND INVERT ELEVATIONS OF EXISTING SEWER MAIN AND HOUSE CONNECTIONS TAKEN FROM MATERIAL OBTAINED FROM THE COUNTY OF NASSAU DEPARTMENT OF PUBLIC WORKS.
3. ACTUAL LOCATIONS AND ELEVATIONS OF EXISTING FACILITIES ARE SUBJECT TO VERIFICATION UPON EXPOSURE DURING CONSTRUCTION. PROPOSED DETAILS MAY THEN REQUIRE MODIFICATIONS.
4. NOTIFY LILCO OF INTENT TO DIG, SEVENTY TWO (72) HOURS IN ADVANCE. SEND EXCAVATION NOTICE TO:
   LILCO
   NOTIFICATION SECTION
   175 OLD COUNTRY ROAD
   HICKSVILLE, N.Y., 11801
   TEL. (516) 661-6000
5. ALL CESSPOOLS & SEPTIC TANKS ARE TO BE EMPTIED AND BACKFILLED IN ACCORDANCE WITH SECTION II, PARAGRAPH 4 OF THE SEWER ORDINANCE.
6. ALL PIPE, FITTINGS, ANCHORS, MANHOLES, CLEANOUTS, AND OTHER COMPONENTS USED ARE TO BE IN ACCORDANCE WITH NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS FOR CONSTRUCTION OF SANITARY SEWERS
7. NO MATERIAL SHALL BE USED BY THE CONTRACTOR UNTIL IT HAS BEEN INSPECTED AND APPROVED BY THE NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS.
8. PERMISSION TO SUBSTITUTE PVC FOR ACP SEWER PIPE CAN BE OBTAINED BY WRITING:
   MR. JOHN F CARUSO, DEPUTY COMMISSIONER
   NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
   DIVISION OF SANITATION AND WATER SUPPLY
   1 WEST STREET
   MINEOLA, NEW YORK 11501



PROFILE
SCALE: H 1" = 20'-0" V 1" = 5'-0"

REV	DATE	DESCRIPTION	BY	APP.

METCO INC.
1101 PROSPECT AVENUE, WESTBURY, NEW YORK

SANITARY SEWER CONNECTIONS
220 MILLER PLACE
HICKSVILLE, N.Y.

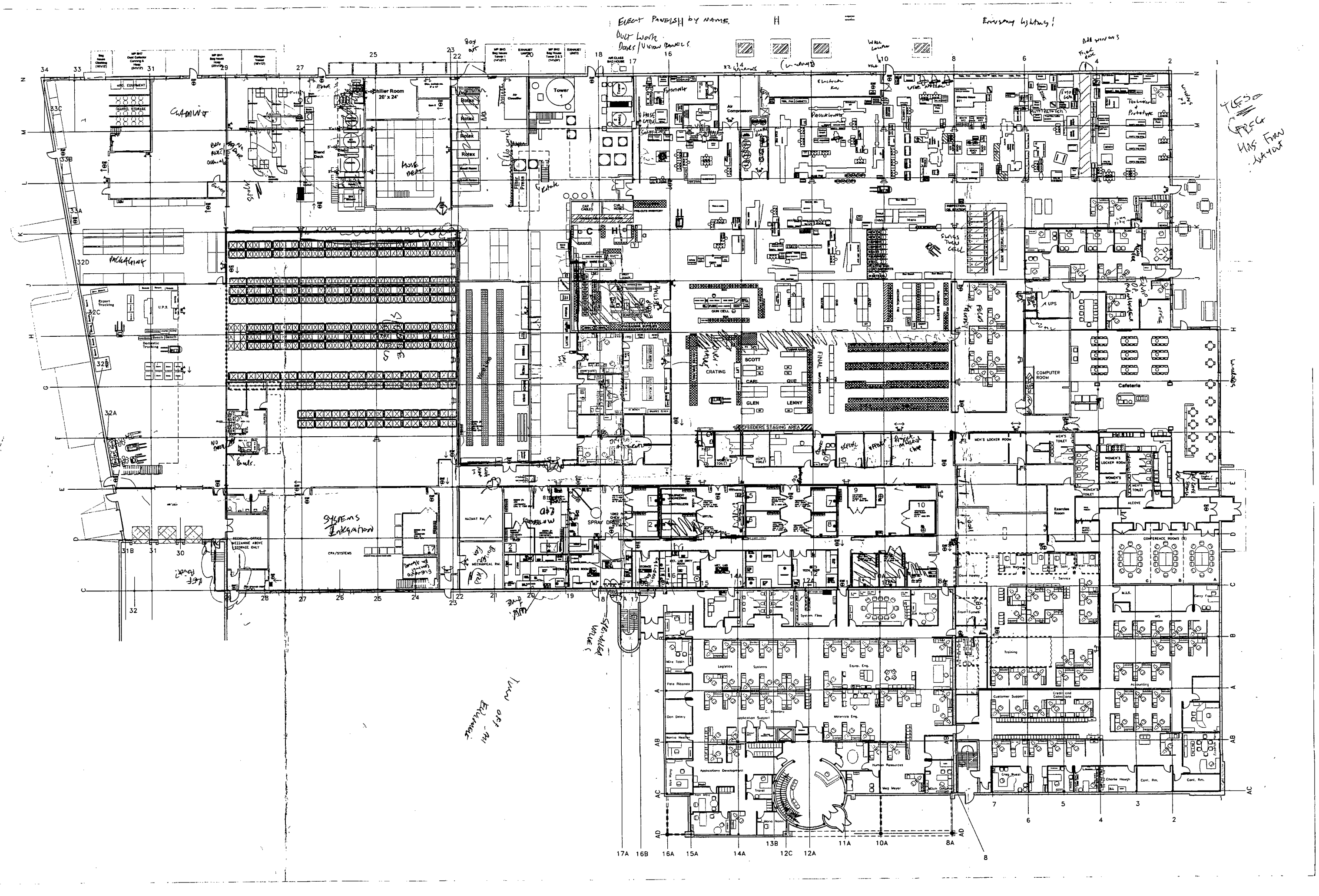
CHARLES J. DEFEO, P.E.
CONSULTING ENGINEER
ROSLYN, N.Y.

SCALE: H 1" = 20'-0" V 1" = 5'-0"
DATE: JULY 8, 1985
DRAWING NO. M-1
REVISION

SEWER CONTRACT AREA 3-B-4

Prospect

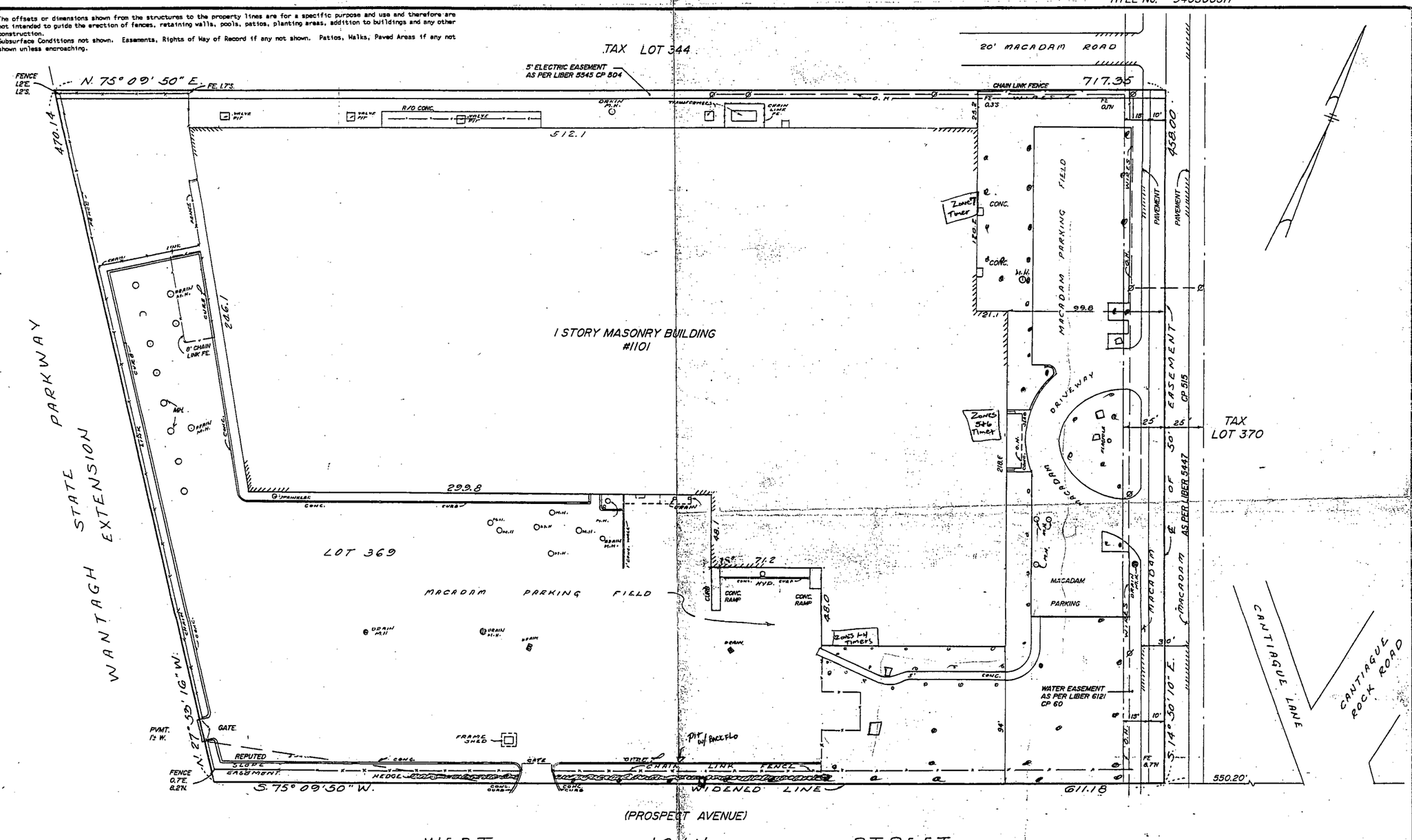
26



Elect Panels by name
Duct Work
Doors/Vision Panels
Emergency lighting!
Shiller Room 20' x 24'
Tower 1
Air Compressors
Rotex
Filter Press
Cladding
Packaging
Export Trucking
U.P.S.
Domestic Trucking
Systems Integration
CPA/SYSTEMS
MECHANICAL RM.
HAZMAT RM.
SPRAY DRY
CRATING
SCOTT
CARL
GLEN
QUE
LENNY
FEEDERS STAGING AREA
COMPUTER ROOM
Cafeteria
UPS
MEN'S LOCKER ROOM
WOMEN'S LOCKER ROOM
Exercise Room
CONFERENCE ROOMS (3)
Training
Customer Support
Credit and Collections
Accounting
Logistics
Systems
Equip. Eng.
Materials Eng.
Application Support
Applications Development
Human Resources
Meg Meyer
Mike Tobin
Pete Ribonda
Don Delery
Nantia Nestler
Mark Wong
Travel
Mario Nonn
Charlie Hough
Cont. Rm.
Gerry Fox
Dave Hawley
Bill Russell
Front Fumes
System Files
Turn off Mi Exclusive
Sprinkler Valves
Yes Greg Has Firm Layout

The offsets or dimensions shown from the structures to the property lines are for a specific purpose and use and therefore are not intended to guide the erection of fences, retaining walls, pools, patios, planting areas, addition to buildings and any other construction.
Subsurface Conditions not shown. Easements, Rights of Way of Record if any not shown. Patios, Walks, Paved Areas if any not shown unless encroaching.

TITLE No. 940500317



ALL THAT CERTAIN PLOT, PIECE, OR PARCEL OF LAND, SITUATE, LYING, AND BEING AT NEW CASSEL, TOWN OF NORTH HEMPSTEAD, COUNTY OF NASSAU AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING at a point on the northerly side of West John Street, as widened distant 550.20 feet westerly from the corner formed by the intersection of the northerly side of West John Street as widened and the westerly side of Cantague Lane;

RUNNING THENCE South 75°09'50" West along the northerly side of West John Street, as widened 611.18 feet to the easterly side of the Wantagh State Parkway Extension;

THENCE North 27°53'16" West along the easterly side of the Wantagh State Parkway Extension, 470.14 feet;

THENCE North 75°09'50" East 717.35 feet;

THENCE South 14°50'10" East, 458.00 feet to the northerly side of West John Street, as widened, at the point or place of beginning.

CERTIFIED TO:
CHICAGO TITLE INSURANCE CO.
SULZER METCO (WESTBURY) INC.

Certifications indicated hereon signify that this survey was prepared in accordance with the existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors. Said certifications shall run only to the person for whom the survey is prepared, and on his behalf to the title company, governmental agency and lending institution listed hereon, and to the assignees of the lending institution. Certifications are not transferable to additional institutions or subsequent owners

Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of section 7209, sub-division 2, of the New York State Education Law.

Copies from the original of this survey map not marked with an original of the land surveyor's embossed seal shall not be considered to be a valid copy.

REVISIONS
ADDED CERTIFICATIONS SEPT. 20, 1994

PLOTTED BY	DRAWN BY	CHECKED BY
	AM	JB

BARRETT BONACCI HYMAN & VANWEELE
516/435-1111
516/435-1022 FAX

Barrett, Bonacci, Hyman & Van Weele, P.C.
CONSULTING ENGINEERS / SURVEYORS / PLANNERS
175A Commerce Drive, Hauppauge, NY 11788

SURVEY NO.	SCALE	DATE
940243	1" = 40'	04/11/94

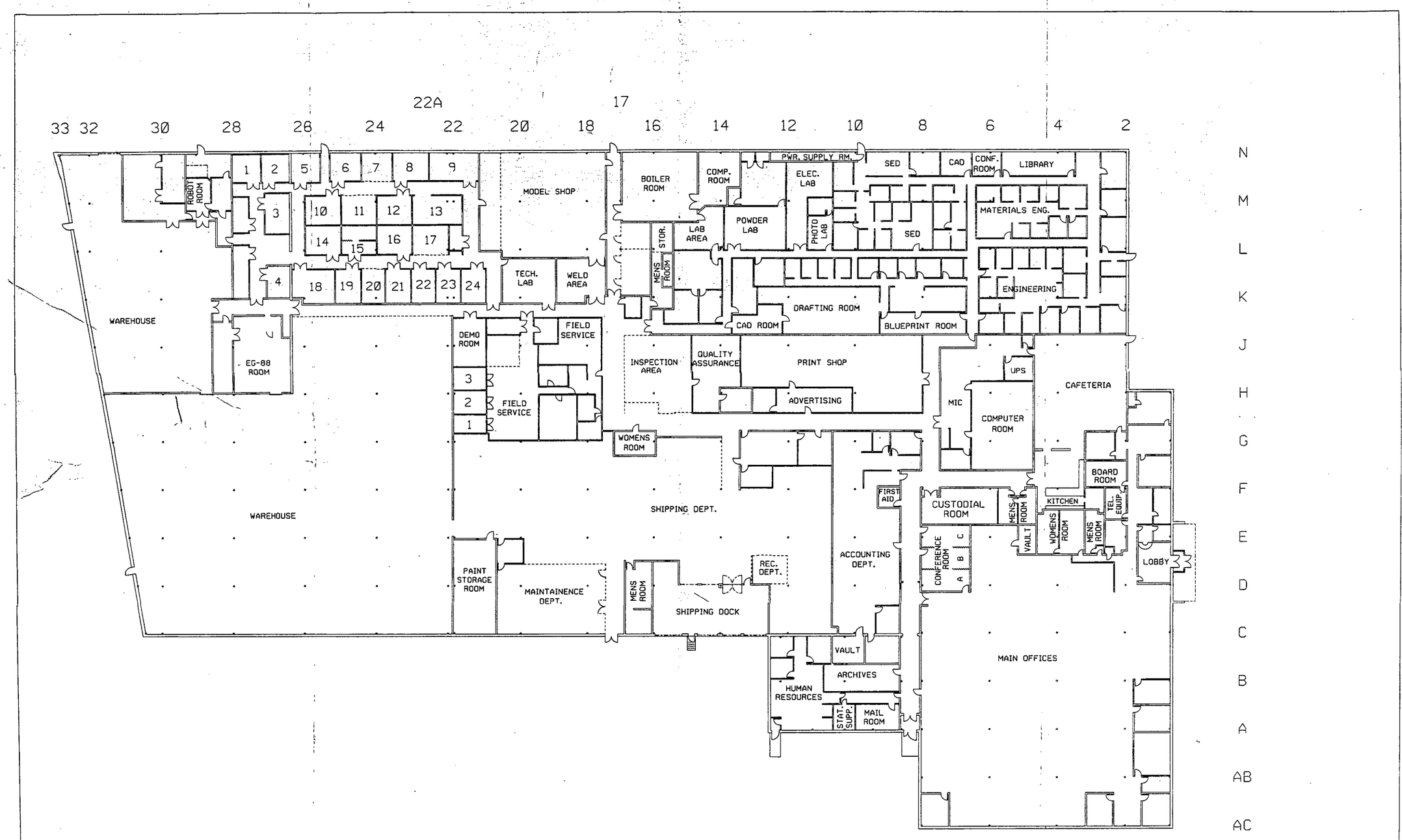
PREVIOUS JOB No. 63-821 10/25/61

SURVEY OF PROPERTY
SITUATE
NEW CASSEL
TOWN OF N. HEMPSTEAD, NASSAU COUNTY, N.Y.

Tax Map Designation:
SECTION 11
BLOCK 329
LOT 369

SHEET 1 OF 1

WANTAGH STATE PARKWAY EXTENSION
NEW LANE
WEST JOHN STREET
NEW BUILDING ADDITION
FLOOR EL. 159.0
41,171 □
EXISTING BUILDING
FLOOR EL. 159.0
95,710 □
PROPERTY LINE
PARKING 193 CARS
EXISTING GATE HOUSE
EXISTING FENCE
EXISTING CURB CUT
EXISTING W.O. BRIDGE
EXISTING 3" WATER MAIN
NEW WELL
EXISTING SEPTIC TANK
LANDSCAPED WELL
(1) 10' SECTION OF 4" TERRAFIX PIPE
(3) NEW CESSPOOLS 7-23-76
10' DIA x (3) 4' RINGS (12") + DOME
7000 GALS. EACH
ACCESS CAPS IN CENTER OF RING
TOTAL AREA OF PROPERTY
308,866.25 □ = 7.08 ACRES
136,439 □ BUILDING = 43% OF LOT
74,782 □ PARKING ~ 193 CARS = 24% OF LOT
SCALE ~ 1"=30'
PROSPECT
GENERAL NOTE
ALL CONTRACTS SHALL INCLUDE A COMPLETE PHASE OF OPERATIONS, AS NOTED UNDER VARIOUS CONTRACTS. IT IS UNDERSTOOD THAT THE CONTRACTORS SHALL COORDINATE AND COLLABORATE THEIR VARIOUS TRADES WITH EACH OTHER AND MAKE KNOWN THEIR COMMON INTEREST WITHOUT DELAY OR COST TO THE OTHER. THIS IS TO BE ACCEPTED AS PART OF THE CONTRACTUAL RELATIONS AND THEIR REPRESENTATIVES ON THE JOB SHALL BE INSTRUCTED ACCORDINGLY.
A CONTRACTOR AND SUBCONTRACTOR MUST BE AWARE THAT INFORMATION SHOWN ON EACH SHEET OF DRAWINGS AND SPECIFICATIONS IS PART OF THEIR WORK. FAILURE TO READ COMPLETE DOCUMENTS OR FAILURE TO VISIT SITE AND BE AWARE OF CONDITIONS OF WORK WILL NOT CONSTITUTE BASIS FOR EXTRA CHARGES LATER. INFERIOR WORK AND WORKMANSHIP WILL BE REPLACED AT NO EXTRA OR ADDITIONAL COSTS.
NO SUBCONTRACT ARRANGEMENT SHALL CHANGE THE INTENT OF THE ABOVE STATEMENT.
AXLUF CORPORATION
1101 PROSPECT AVENUE
WESTBURY, LONG ISLAND, NEW YORK
ADDITION TO MANUFACTURING BUILDING
SITE PLAN
EXISTING CONDITIONS DRAWING
OFFICE OF
ALFRED SHAKNIS
PETER S. VAN BLOEM
ARCHITECTS
PROFESSIONAL CENTER
GLEN HEAD, LONG ISLAND, NEW YORK
REGISTERED ARCHITECT
DRAWN BY H.L.C.
SCALE 1"=10'-0"
PROJECT
CHECKED BY
PRINT DATE
DRAWING NO.
DATE JULY 12, 1966
W.E.P.



COMPUTER GENERATED DRAWING

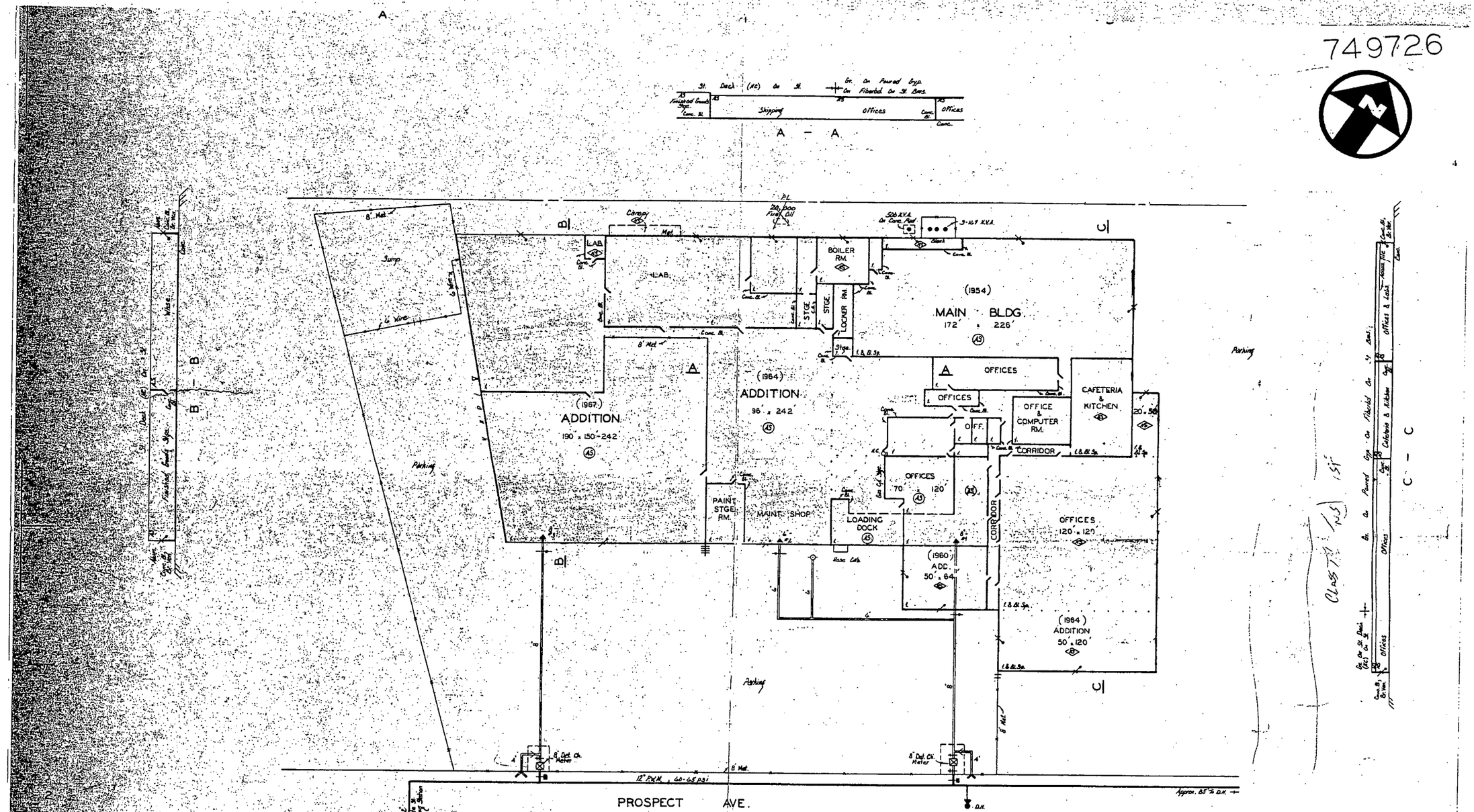
M.TURNER 25JAN89

PROSPECT AVE. BUILDING
AND PLAN LAYOUT

X42835

APPROX

749726



THIS PLAN WAS PREPARED FOR USE BY IRI PERSONNEL FOR PROPERTY INSURANCE PURPOSES ONLY AND IS NOT INTENDED TO BE AN EXACT REPRESENTATION OF THE FACILITY

CONFIDENTIAL

THIS PLAN SHOULD BE MADE AVAILABLE ONLY TO AUTHORIZED PERSONS

PERKINS-ELMER CORPORATION

METCO INC.

WESTBURY, NY

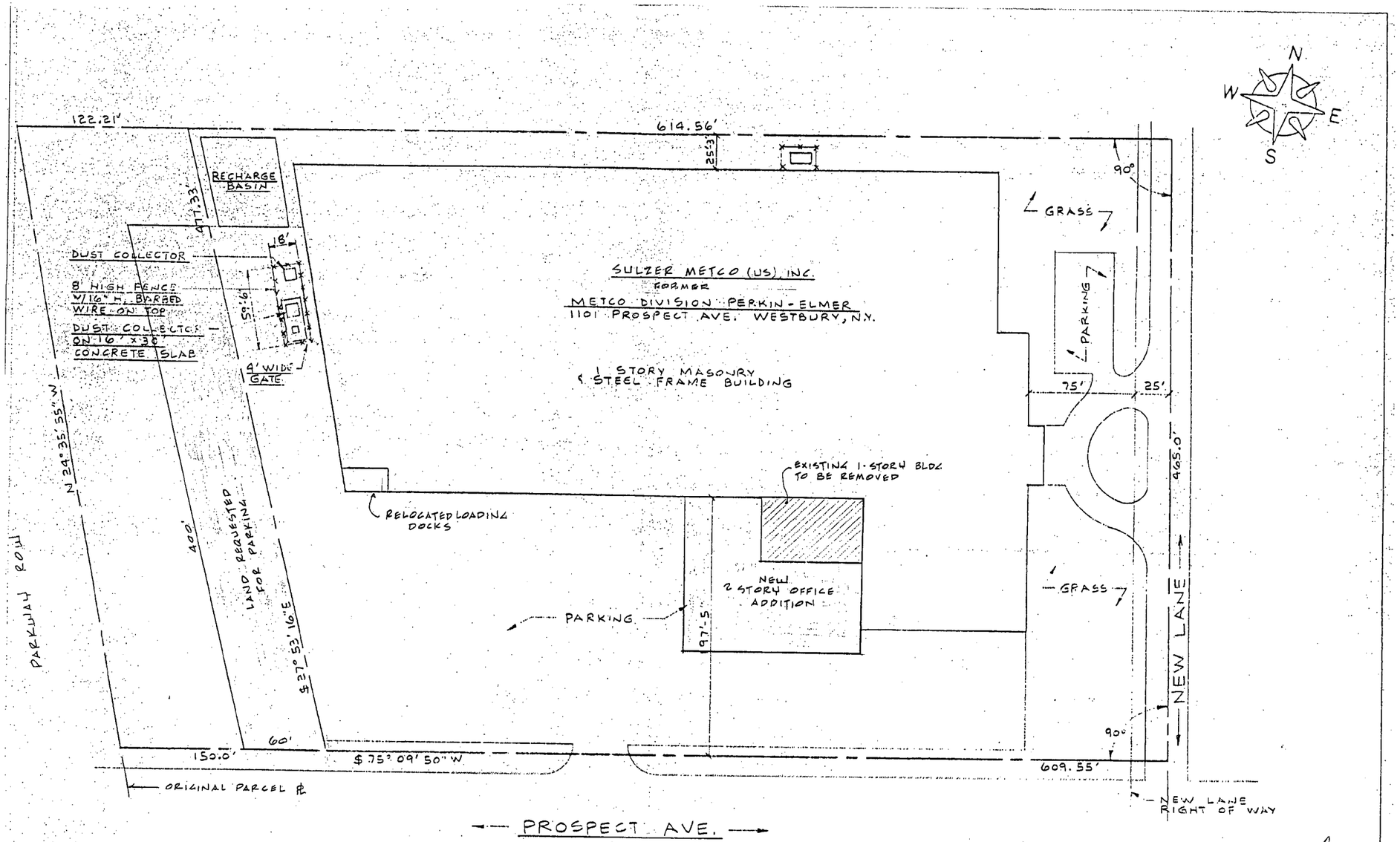
INDUSTRIAL RISK INSURERS

OCTOBER 5, 1981

SCALE 1 INCH = 50 FEET

709783 / 749726

17



S:
LOT PLAN TAKEN FROM PRELIMINARY
LOT PLAN FOR METALLIZING ENGINEERING
O, INC. BY BROWN, MATTHEWS, INC.
OB # 765, DWG # SK #3, DATED 10-12-52

"The original of this drawing is the exclusive property of the Donnelly Engineering Company. The originator of this print hereby certifies do not intend that it should be treated as a scientific conference document or be used for purposes other than those for the rendering or operation of work furnished by the Donnelly Engineering Company, or as authorized separately authorized, in writing by the Donnelly Engineering Company and that it is not to be communicated, or disclosed or copied except as separately authorized in writing by the Donnelly Engineering Company."

NO.	REVISION TITLE	BY	DATE
1	RELO. FENCE AT DUST COLLECTOR	MC	3/21/94

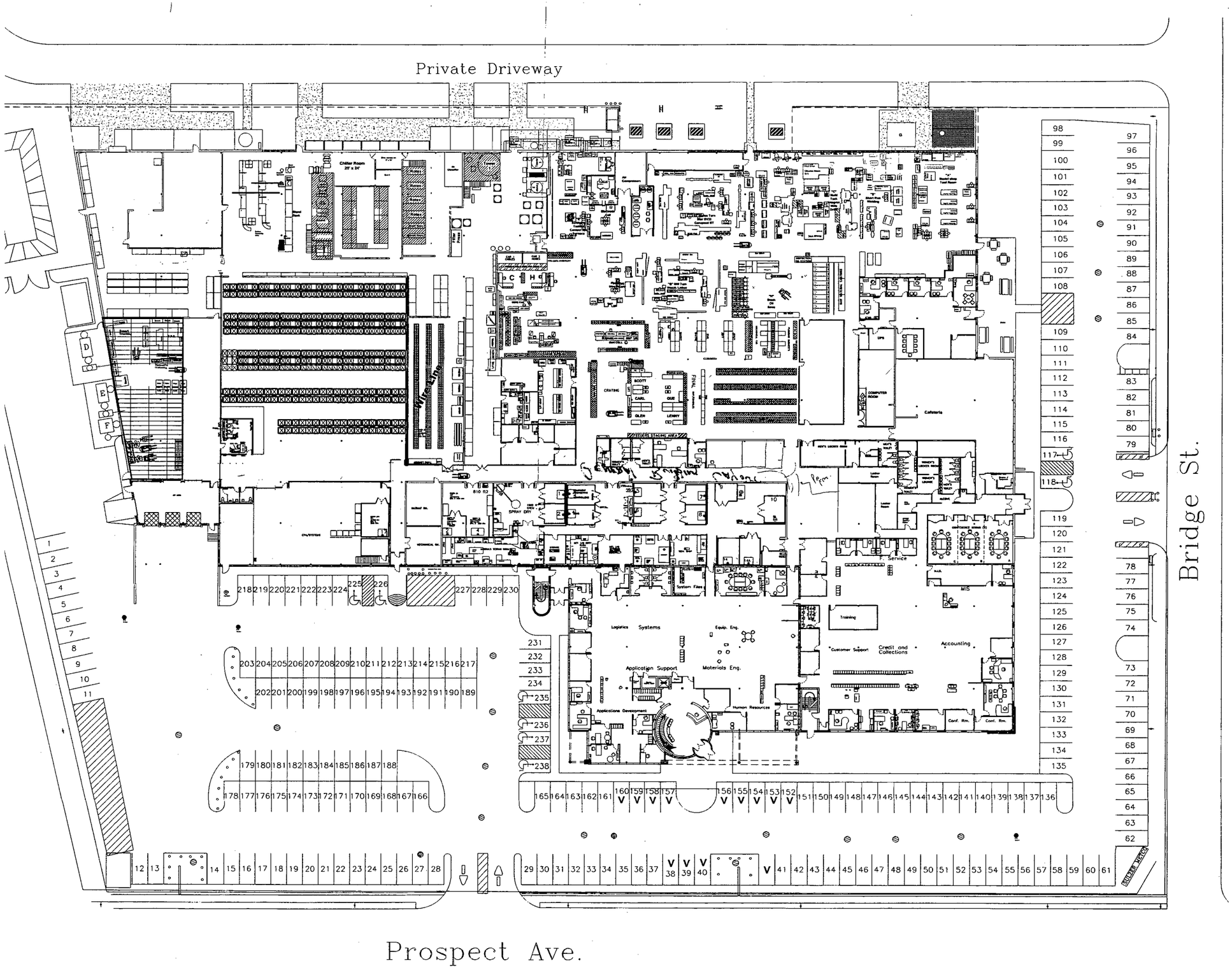
TITLE: PLOT PLAN

FOR: METCO DIVISION PERKIN-ELMER
1101 PROSPECT AVE. WESTBURY, N.Y.

BY: DONNELLY ENGINEERING COMPANY
NESCONSET NEW YORK

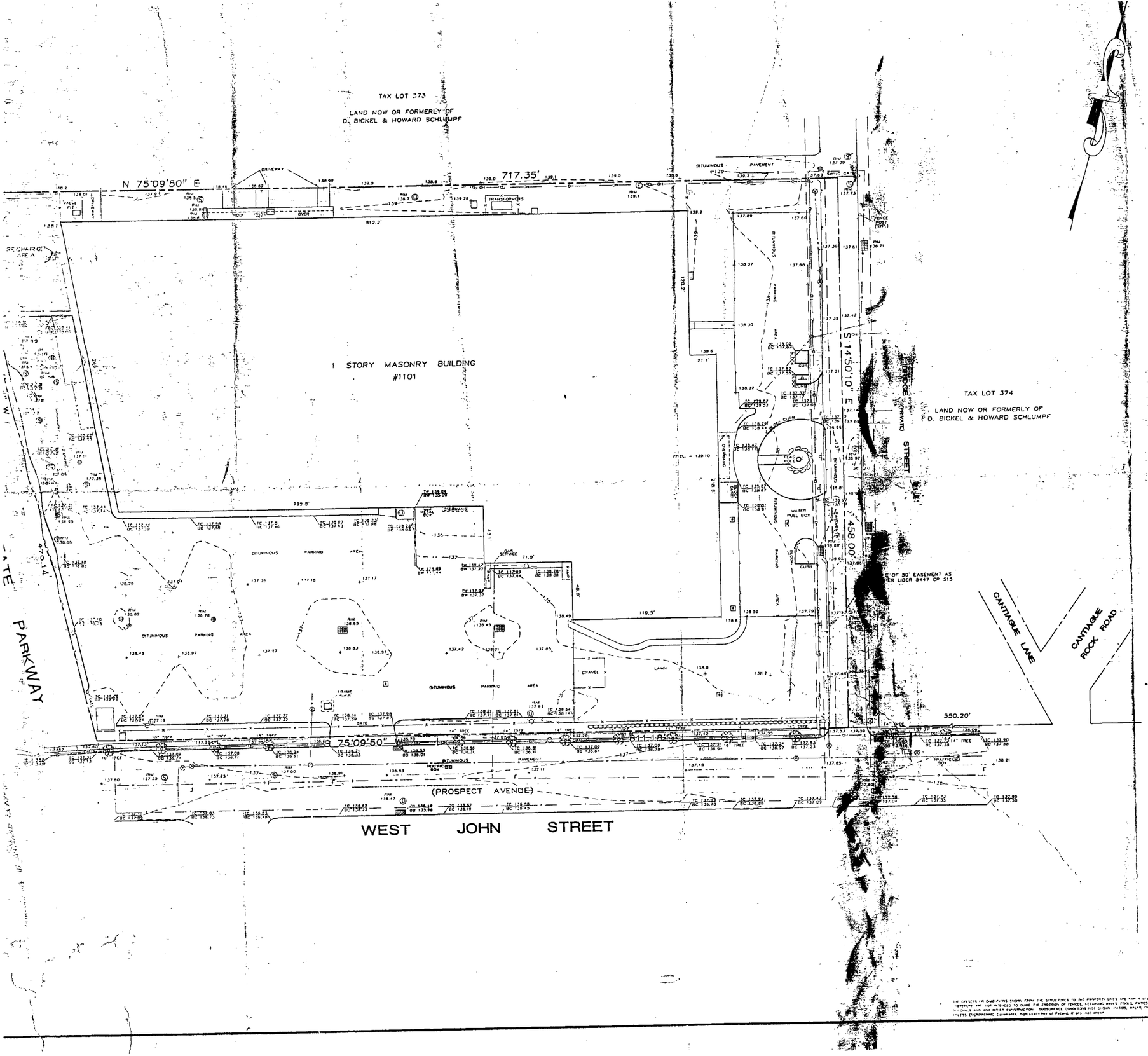
DATE MAR 31, 1993 SCALE 1" = 50' SH. 1 OF 1

DR. BY: M. CAPCTOSTO
APPVD: DWG. NO. MPE-08 REV. 1


Private Driveway
Bridge St.
Prospect Ave.
Wire Line
Chiller Room
Cafeteria
Logistics Systems
Equip. Eng.
Application Support
Materials Eng.
Applications Development
Human Resources
Customer Support
Credit and Collections
Accounting
Training
F. Service
MIS
Conf. Rm.
SPRAY DRY
CRATING
SCOTT
CARL
GLEN
LENNY
QUE
COMPUTER ROOM
System Files
SULZER METCO

General Building Layout

NEW BUILDING ADDITION
FLOOR EL. 139.0
EXISTING BUILDING
FLOOR EL. 139.0
PROPERTY LINE
PROSPECT AVENUE
SCALE 1" = 30'
THRUST CONCRETE BLOCK FOR HYDRANT
ALTERNATE : ROOFING
NO SCALE
N
TYPICAL ARRANGEMENT AT BASE OF RISER
SECTION
REINFORCED CONCRETE PIT
6'0" DEEP
SCALE 1/4" = 1'0"
GENERAL NOTE
ALL CONTRACTS SHALL INCLUDE A COMPLETE PHASE OF OPERATIONS, AS NOTED UNDER VARIOUS CONTRACTS. IT IS UNDERSTOOD THAT THE CONTRACTORS SHALL COOPERATE AND COLLABORATE THEIR VARIOUS TRADES WITH EACH OTHER AND MAKE KNOWN THEIR COMMON INTEREST WITHOUT DELAY OR COST TO THE OTHER. THIS IS TO BE ACCEPTED AS PART OF THE CONTRACTURAL RELATIONS AND THEIR QUALITATIVES ON THE JOB SHALL BE INSTRUCTED.
CONTRACTOR AND SUB CONTRACTOR MUST BE AWARE THAT INFORMATION SHOWN ON EACH SHEET OF DRAWINGS AND SPECIFICATIONS IS PART OF THEIR WORK. FAILURE TO READ COMPLETE DOCUMENTS OR FAILURE TO VISIT SITE AND BE AWARE OF CONDITIONS OF WORK WILL NOT CONSTITUTE BASIS FOR EXTRA CHARGES LATER. INFERIOR WORK AND WORKMANSHIP WILL BE REPLACED AT NO EXTRA OR ADDITIONAL CHARGE.
NO SUBCONTRACT ARRANGEMENT SHALL CHANGE THE INTENT OF THE ABOVE STATEMENT.
AS BUILT 6/1/67
A. X. LUF CORPORATION
1104 PROSPECT AVENUE
WESTBURY LONG ISLAND NEW YORK
ADDITION TO MANUFACTURING BLDG.
SITE PLAN
THE OFFICE OF
ALFRED SHAKNIS
PETER S. VAN BLOEM
ARCHITECTS
PROFESSIONAL ENGINEERS
CHRISTIAN W. FRANCK
CONSULTING ENGINEER
DRAWN BY
DATE AUGUST 1966
SCALE
PRINT DATE
SHEET NO.
P. SCHUYLER VAN BLOEM P.E. CONSULTANT
PLUMBING



LEGEND

- SHRUBS
- EDGE OF PAVEMENT
- CHAIN LINK FENCE
- TELEPHONE LINE
- GAS MAIN
- WATER MAIN
- OVERHEAD WIRES
- CONCRETE CURB
- DROP CURB
- CONCRETE WALL
- UTILITY POLE
- GUY WIRE
- STRUCTURE - DRAINAGE
- STRUCTURE - SANITARY
- SIGN
- STRUCTURE - TELEPHONE
- STRUCTURE - UNKNOWN
- WATER VALVE
- WATER METER
- GAS VALVE
- LIGHT POLE
- FIRE HYDRANT
- DRAINAGE INLET / STRUCTURE
- CATCH BASIN
- FIELD INLET
- CONCRETE
- SEWER CLEAN-OUT
- BOLLARD

NOTES

1) LOT AREA = 304,234 S.F. OR 6.98 ACRES
2) ELEVATIONS REFER TO NASSAU COUNTY DATUM.
3) UNDERGROUND UTILITIES SHOWN ARE LOCATED AS PER MARKOUT BY OTHERS. NOT CERTIFIED AND TO BE VERIFIED PRIOR TO CONSTRUCTION.

TAX MAP No.: SECTION 11, BLOCK 329, LOT 369

NOTE: THIS DRAWING CONTAINS PROPRIETARY COPYRIGHTED MATERIAL OWNED BY SOFTDESK, INC.

REVISIONS

BARRETT BONACCI VAN WEELE
CONSULTING ENGINEERS
LAND SURVEYORS
PLANNERS
TEL 516/435-1111
FAX 516/435-1022

BARRETT, BONACCI & VanWEELE, P.C.
175 A Commerce Drive, Hauppauge, New York 11788

© 1998 B.B.V., P.C.

Certifications indicated hereon signify that this survey was prepared in accordance with the existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors. Said Certifications shall run only to the person for whom the survey was prepared, and on his behalf, to the title company, governmental agency and lending institution listed hereon, and to the assignees of the lending institution. Certifications are not transferable to additional institutions or subsequent owners.

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Copies from the original of this survey map not marked with an original of the land surveyor's embossed seal shall not be considered to be a true and valid copy of the survey.

ALTERATION OF THIS DOCUMENT, EXCEPT BY LICENSED PROFESSIONAL LAND SURVEYOR IN ACCORDANCE WITH SECTION 7209 OF NYS EDUCATION LAW IS ILLEGAL

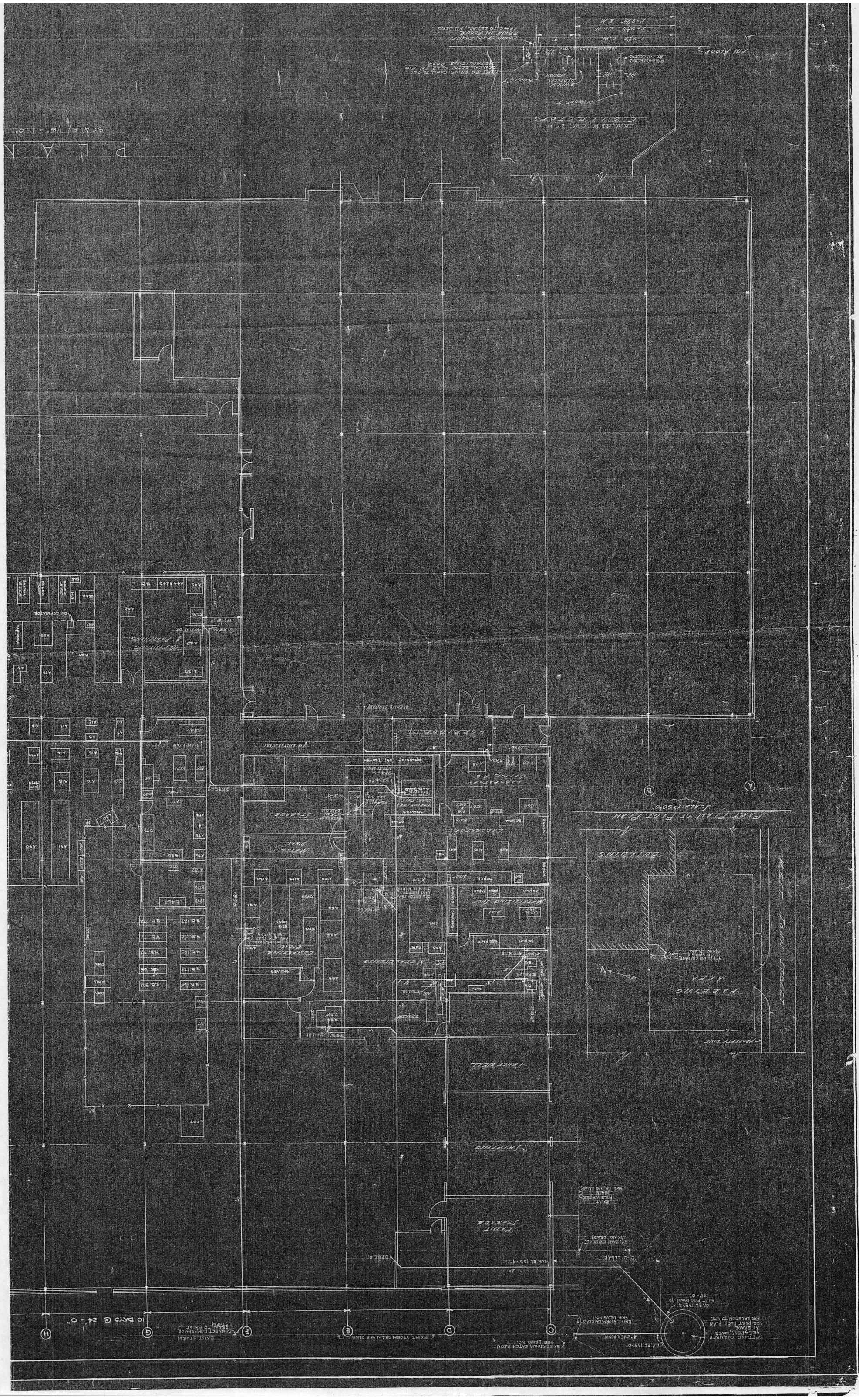
PROPERTY
SITUATE
NEW CASSEL

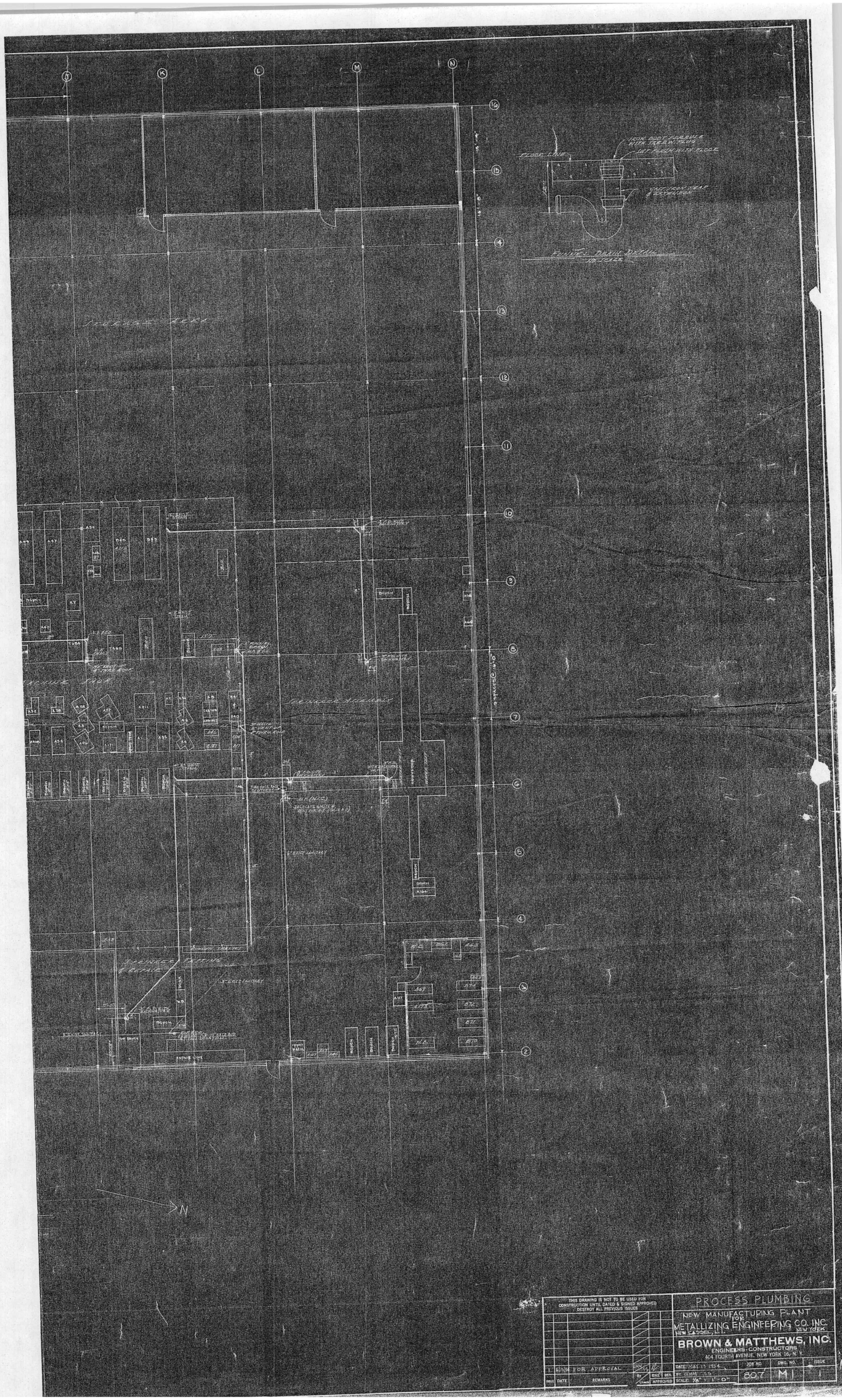
TOWN OF NORTH HEMPSTEAD NASSAU COUNTY, N.Y.

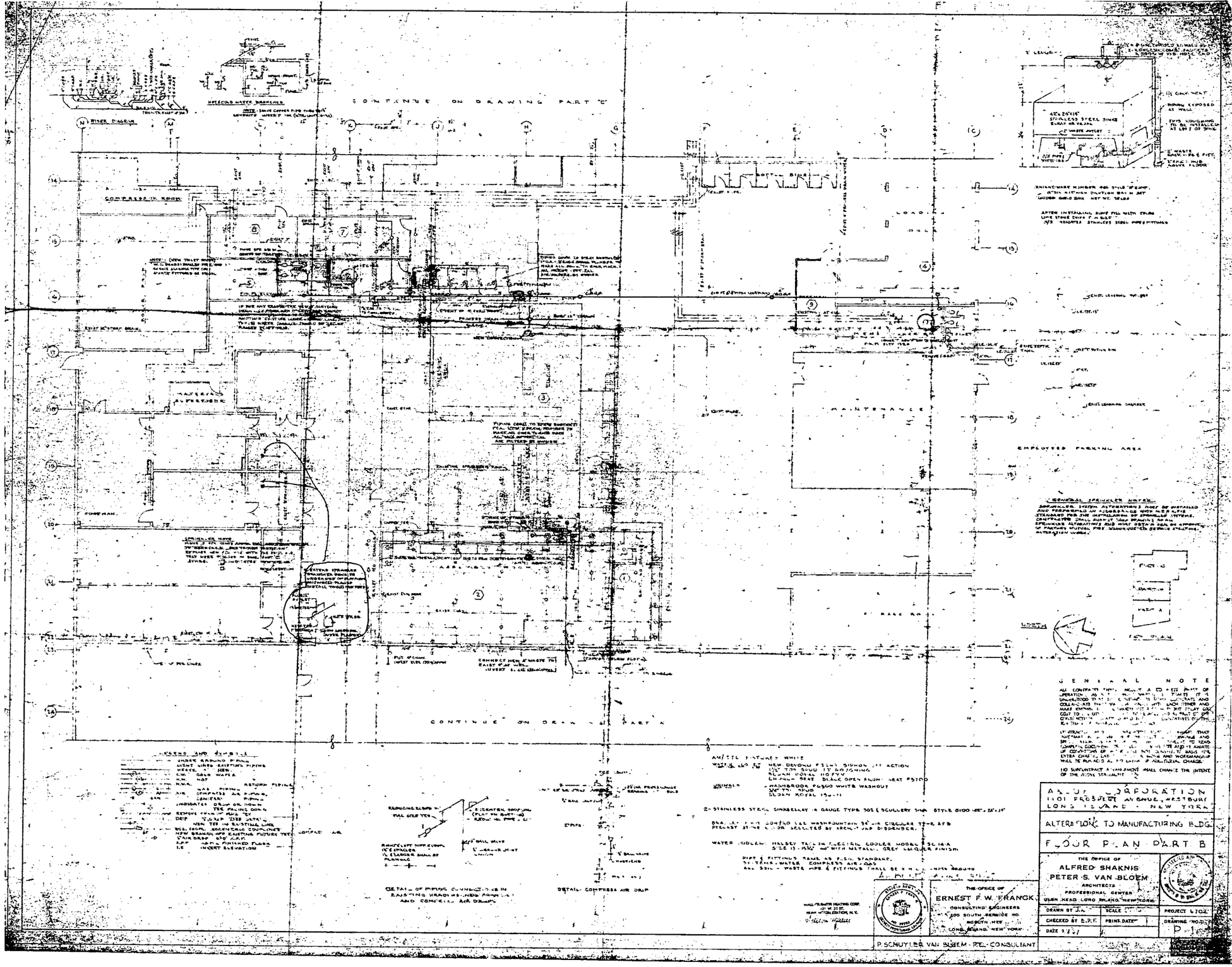
TOPOGRAPHIC SURVEY

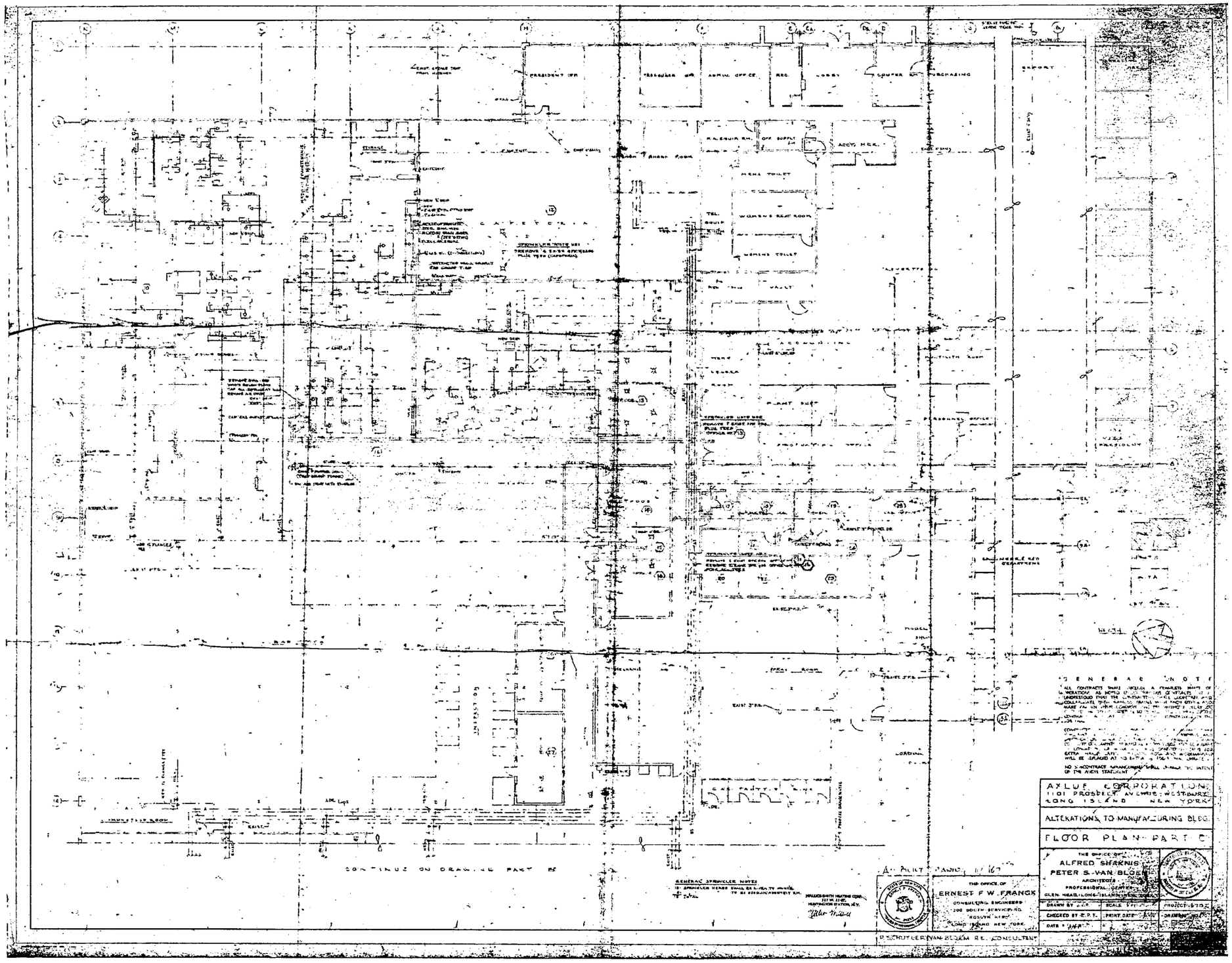
SHEET 1 OF 1

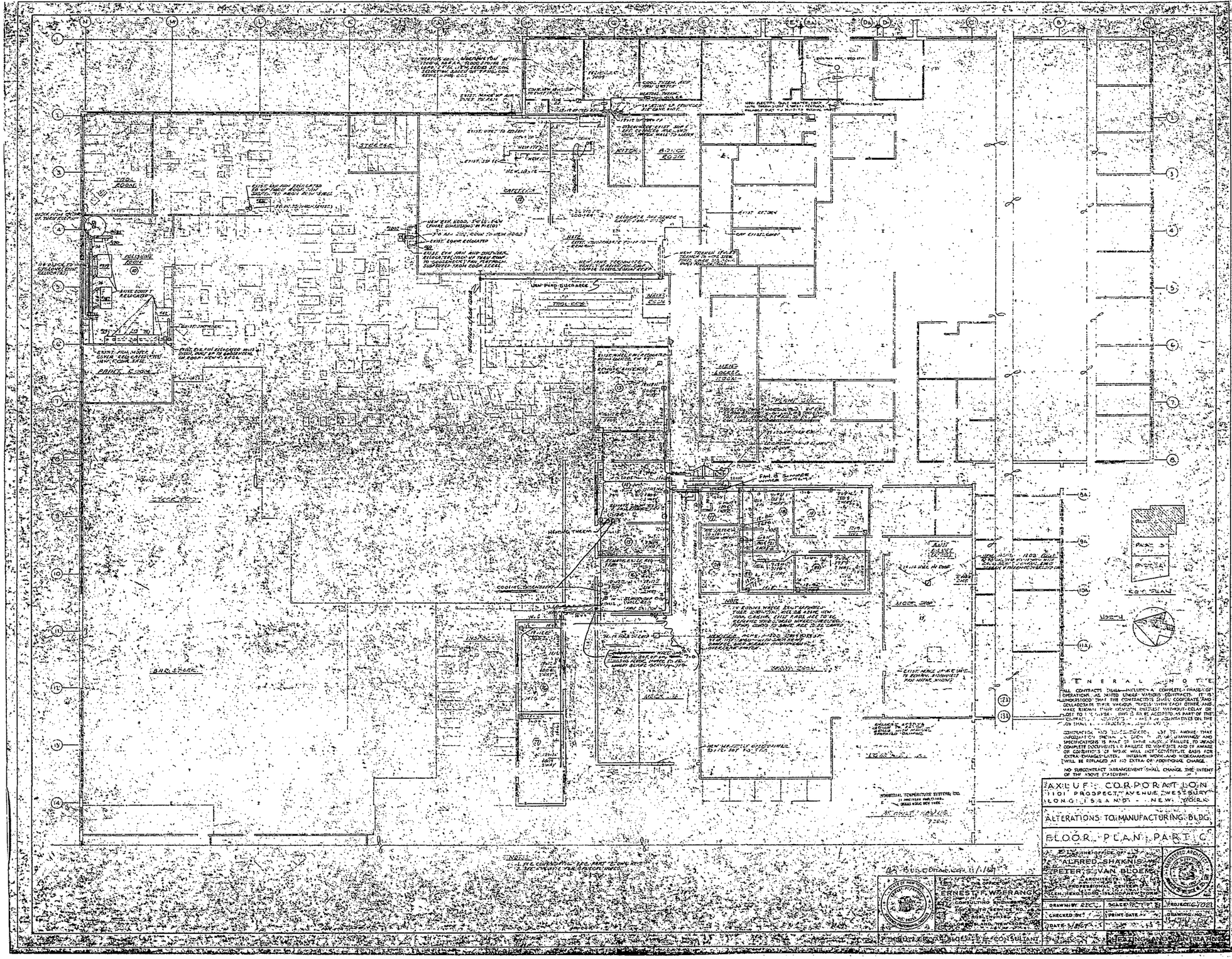
SURVEYED BY	DRAWN BY	CHECKED BY	DATE	SCALE	PROJECT NO.
RWE	EJW		JAN. 14, 1998	1" = 40'	940234B


PLAN
SCALE: 1/8" = 1'-0"
PLOT PLAN OF PLOT PLAN
Scale: 1"=20'-0"
BUILDING
PARKING AREA
PROPERTY LINE
TOWN STREET
WAREHOUSE
MACHINE SHOP
LABORATORY
CONTAINER FOODS
WAREHOUSING
PLANT STORAGE
JANITORIAL
FIRE EXIT
EXIT STORM
CONNECT TO EXISTING STORM
EXIST STORM BASIN SEE BLDG
EXIST STORM CATCH BASIN SEE BLDG No.1
EXIST STORM LATERALS SEE BLDG No.1
SETTLING CHAMBER
FOR ELEVATION TO SITE
SEE PART PLOT PLAN
AT GRADE
FIRE HYDRANT EXIST SEE
SEE BLDG. DETAILS
EXIST FIRE WATER
SEE BLDG DETAILS
10 BAYS @ 24'-0"

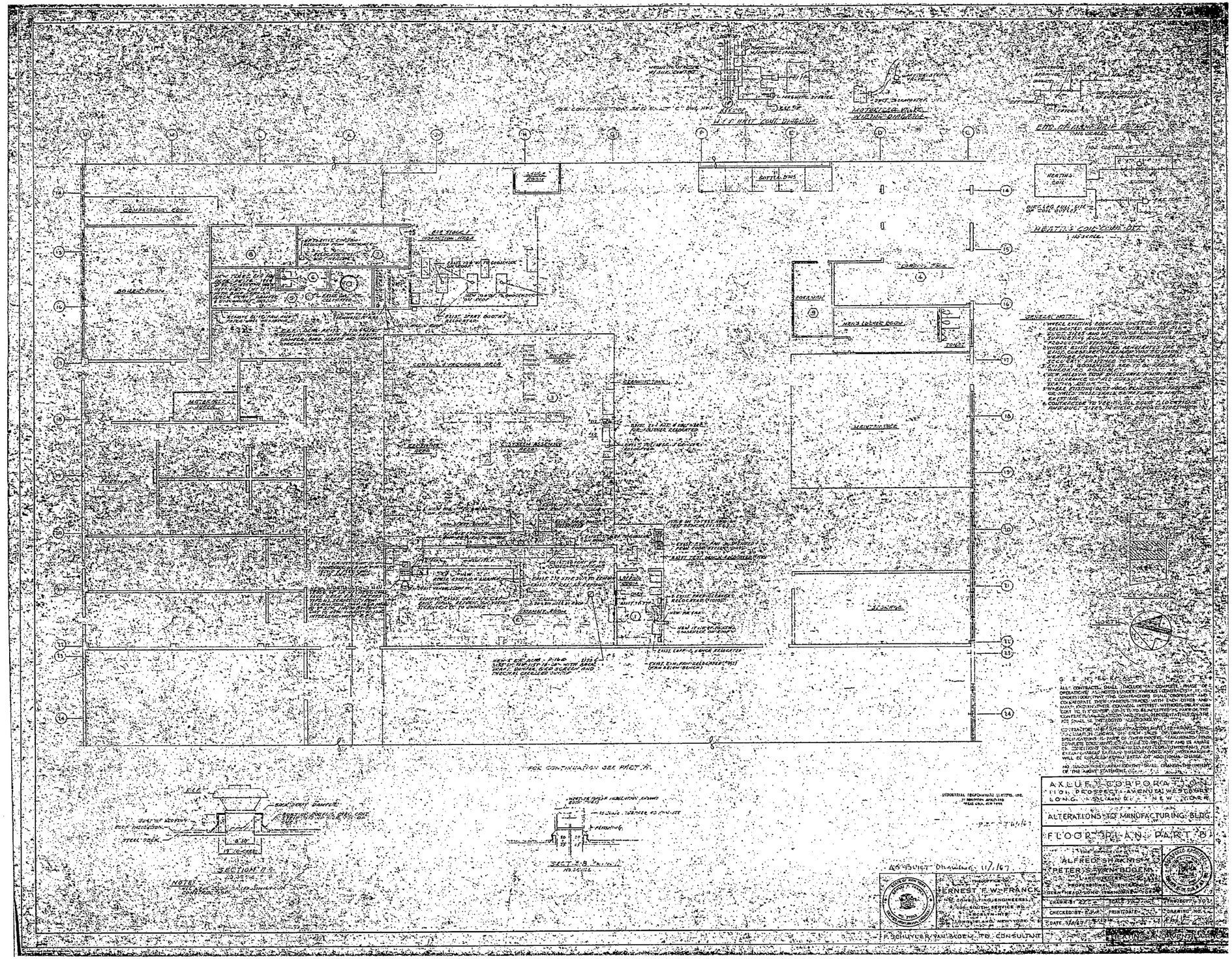

FLOOR LINE
IRON BODY FLUSH VALVE WITH SCREW PLUG
SET FLUSH WITH FLOOR
CAST IRON TRAP & EXTENSION
FUNNEL DRAIN DETAIL
1/8" = 1'-0"
STORAGE AREA
MACHINE SHOP
PRODUCTION AREA
MACHINE TESTING & REPAIR
REPAIR LINE
CONVEYOR
BENCH
N
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL DATED & SIGNED APPROVED DESTROY ALL PREVIOUS ISSUES
1 ISSUED FOR APPROVAL
ISSUE DATE REMARKS By Check ENG. APPROVED GEN.
PROCESS PLUMBING
NEW MANUFACTURING PLANT FOR METALLIZING ENGINEERING CO. INC.
NEW CASSEL, L.I. NEW YORK
BROWN & MATTHEWS, INC.
ENGINEERS-CONSTRUCTORS
404 FOURTH AVENUE, NEW YORK 16, N.Y.
DATE: MAY 13 1954
BY: GMM
SCALE: 1/8" = 1'-0"
JOB NO. 807
DWG. NO. M1
ISSUE 1


CONTINUE ON DRAWING PART "C"
COMPRESSOR ROOM
MAINTENANCE
EMPLOYEES PARKING AREA
CONTINUE ON DRAWING PART "A"
GENERAL NOTE
ALTERATIONS TO MANUFACTURING BLDG.
FLOOR PLAN PART B
THE OFFICE OF
ALFRED SHAKNIS
PETER S. VAN BLOEM
ARCHITECTS
PROFESSIONAL CENTER
GLEN HEAD, LONG ISLAND, NEW YORK
THE OFFICE OF
ERNEST F. W. FRANCK
CONSULTING ENGINEERS
200 SOUTH SERVICE RD.
ROSLYN, NEW YORK
LONG ISLAND, NEW YORK
P. SCHUYLER VAN BLOEM - P.E. - CONSULTANT
DRAWN BY J.A.
CHECKED BY E.P.F.
DATE
SCALE
PRINT DATE
PROJECT 6702
DRAWING NO.
P-1

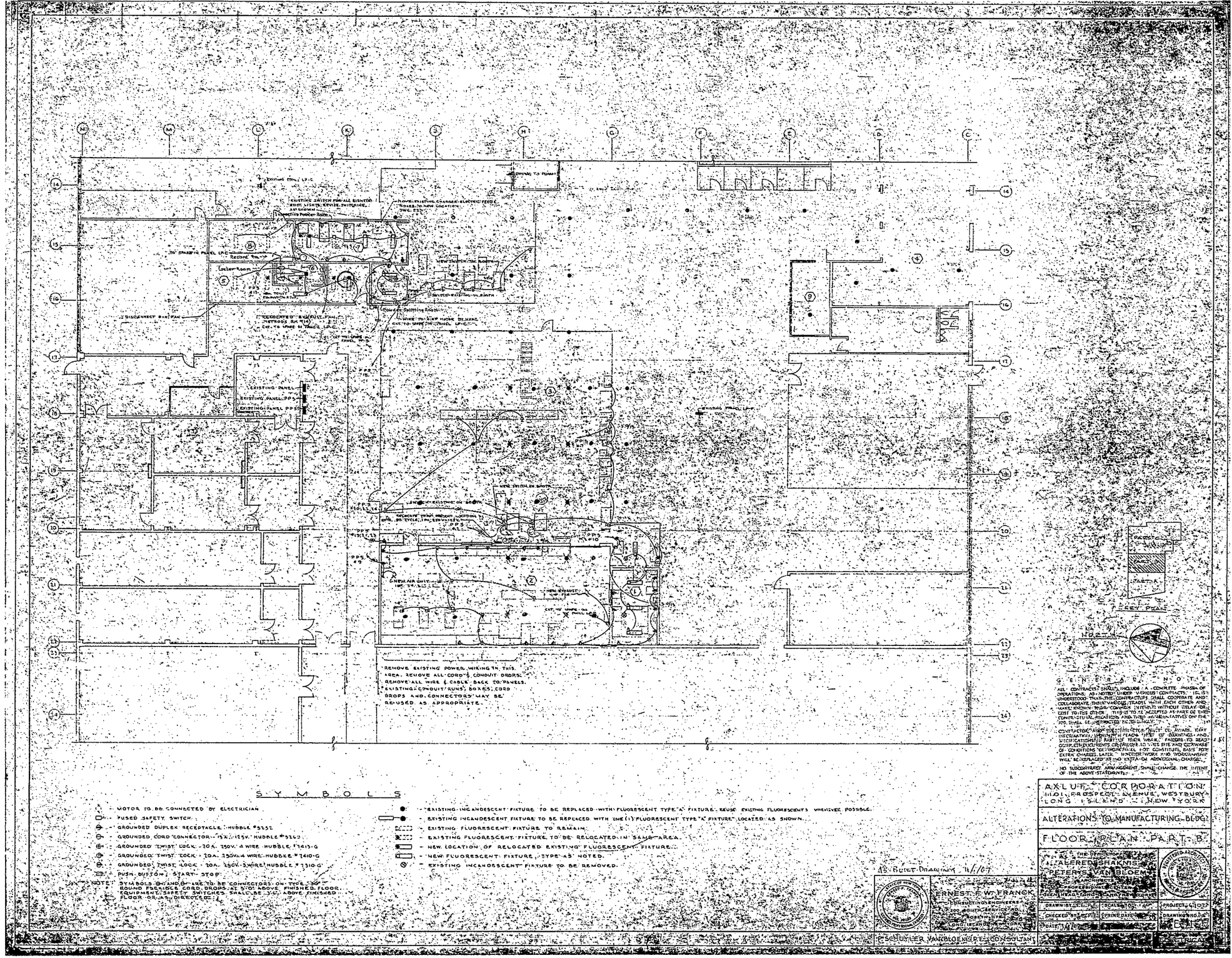

PRESIDENT OFF.
TREASURER OFF.
ADMIN. OFFICE
REC.
LOBBY
COUNTER RM.
PURCHASING
EXPORT
OFF. SUPPLY
ACCT. MGR.
MENS TOILET
WOMENS REST ROOM
WOMENS TOILET
VAULT
CAFETERIA
ACCOUNTING
PLANT SUPT.
PERSONNEL OFFICE
PRODUCTION OFFICE
SPRAY ROOM
CONTINUE ON DRAWING PART B
GENERAL NOTE
ALL CONTRACTS SHALL INCLUDE A COMPLETE SHAFT OF LIBERATION AS NOTED
NO SUBCONTRACT ARRANGEMENT SHALL CHANGE THE PATENT OF THE ABOVE STATEMENT
AXLUE CORPORATION
1101 PROSPECT AVENUE, WESTBURY
LONG ISLAND NEW YORK
ALTERATIONS TO MANUFACTURING BLDG.
FLOOR PLAN PART C
THE OFFICE OF
ALFRED SHAKNIS
PETER S. VAN BLOEM
ARCHITECTS
PROFESSIONAL CENTER
GLEN HEAD, LONG ISLAND, NEW YORK
THE OFFICE OF
ERNEST F. W. FRANCK
CONSULTING ENGINEERS
200 SOUTH SERVICE RD.
ROSLYN HEIGHTS
LONG ISLAND NEW YORK
DRAWN BY
SCALE
PROJECT
CHECKED BY
PRINT DATE
DRAWING NO.
DATE
P. SCHUYLER VAN BLOEM R.E. CONSULTANT
GENERAL SPRINKLER NOTES
HALLICK-SMITH HEATING CORP.
HUNTINGTON STATION, N.Y.



GENERAL NOTE
ALL CONTRACTS SHALL INCLUDE A COMPLETE PHASE OF OPERATION AS NOTED UNDER VARIOUS CONTRACTS. IT IS UNDERSTOOD THAT THE CONTRACTORS SHALL COOPERATE AND COLLABORATE THEIR VARIOUS TRADES WITH EACH OTHER AND MAKE KNOWN THEIR OPINION INTEREST WITHOUT DELAY OR COST TO THE OWNER. THIS IS TO BE ACCEPTED AS PART OF THE CONTRACT. [illegible] ON THE JOB SHALL BE [illegible]
CONTRACTOR AND SUBCONTRACTOR [illegible] BE AWARE THAT INFORMATION SHOWN ON EACH [illegible] OF DRAWINGS AND SPECIFICATIONS IS PART OF THEIR WORK. FAILURE TO READ COMPLETE DOCUMENTS OR FAILURE TO VISIT SITE AND BE AWARE OF CONDITIONS OF WORK WILL NOT CONSTITUTE BASIS FOR EXTRA CHARGES LATER. INFERIOR WORK AND WORKMANSHIP WILL BE REPLACED AT NO EXTRA OR ADDITIONAL CHARGE.
NO SUBCONTRACT ARRANGEMENT SHALL CHANGE THE INTENT OF THE ABOVE STATEMENT.
AXLUF CORPORATION
1101 PROSPECT AVENUE WESTBURY
LONG ISLAND - NEW YORK
ALTERATIONS TO MANUFACTURING BLDG.
FLOOR PLAN PART C
ALFRED SHAKNIS
PETER S. VAN BLOEM
ARCHITECTS
PROFESSIONAL CENTER
GLEN HEAD, LONG ISLAND, NEW YORK
DRAWN BY
SCALE
PROJECT
CHECKED BY
PRINT DATE
DATE
DRAWING NO.
ERNEST F. W. FRANCK
CONSULTING ENGINEER
PROJECT
HEATING AND VENTILATING



FOR CONTINUATION SEE PART "A"
SECTION "A"
SECT. "B"
NORTH
GENERAL NOTES
ALL CONTRACTS SHALL INCLUDE A COMPLETE PHASE OF OPERATIONS AS NOTED UNDER VARIOUS CONTRACTS. IT IS UNDERSTOOD THAT THE CONTRACTORS SHALL COOPERATE AND COLLABORATE THEIR VARIOUS TRADES WITH EACH OTHER AND MAKE ADDITIONAL COMMON INTEREST WITHOUT DELAY OR COST TO THE OWNER. IT IS TO BE ACCEPTED AS PART OF THE CONTRACTS AND SUBMITTED AND THESE REPRESENTATIVES ON THE JOB SHALL BE INSTRUCTED ACCORDINGLY.
CONTRACTORS AND SUBCONTRACTORS MUST BE AWARE THAT THE SUBMITTED SHOWN ON EACH SHEET OF DRAWINGS AND SPECIFICATIONS IS PART OF THEIR WORK. INCORRECTED AND COMPLETE DOCUMENTS ARE SUBJECT TO REVISION AND IS AWARE OF CONDITIONS OR WORK WILL NOT CONSTITUTE FOR EXTRA CHARGES BEFORE SUBMITTED WORK AND WORK MAKING WILL BE REPLACED AT NO EXTRA OR ADDITIONAL CHARGE.
NO SUBSEQUENT ARRANGEMENT SHALL CHANGE THE INTENT OF THE ABOVE STATEMENT.
AXLUFT CORPORATION
1101 PROSPECT AVENUE WESTBURY
LONG ISLAND NEW YORK
ALTERATIONS TO MANUFACTURING BLDG.
FLOOR PLAN PART B
THE OFFICE OF
ALFRED SHAKNIS
PETER S. VAN BOGEM
ARCHITECT
PROFESSIONAL ENGINEER
GLEN HEAD LONG ISLAND NEW YORK
DRAWN BY
SCALE
PROJECT
CHECKED BY
PRINT DATE
DRAWING NO.
DATE
AS BUILT DRAWING 11/1/67
THE OFFICE OF
ERNEST F. W. FRANCK
CONSULTING ENGINEERS
300 SOUTH SERVICE RD.
ROSLYN, N.Y.
LONG ISLAND, NEW YORK
P. SCHUYLER VAN BOGEM, P.E. CONSULTANT
HEATING AND VENTILATING



SYMBOLS

- MOTOR TO BE CONNECTED BY ELECTRICIAN
- FUSED SAFETY SWITCH
- GROUNDED DUPLEX RECEPTACLE - HUBBLE #5252
- GROUNDED CORD CONNECTOR - 15A. 125V. HUBBLE #5269
- GROUNDED TWIST LOCK - 20A. 250V. 4 WIRE HUBBLE #7413-G
- GROUNDED TWIST LOCK - 20A. 250V. 4 WIRE HUBBLE #7410-G
- GROUNDED TWIST LOCK - 20A. 250V. 3 WIRE HUBBLE #7310-G
- PUSH BUTTON, START STOP

NOTE: SYMBOLS ⊕ AND ⊕ ARE TO BE CONNECTORS ON TYPE "SO" ROUND FLEXIBLE CORD DROPS AT 5'-0" ABOVE FINISHED FLOOR. EQUIPMENT SAFETY SWITCHES SHALL BE 3'-0" ABOVE FINISHED FLOOR OR AS DIRECTED.

- EXISTING INCANDESCENT FIXTURE TO BE REPLACED WITH FLUORESCENT TYPE "A" FIXTURE. REUSE EXISTING FLUORESCENTS WHENEVER POSSIBLE.
- EXISTING INCANDESCENT FIXTURE TO BE REPLACED WITH ONE (1) FLUORESCENT TYPE "A" FIXTURE LOCATED AS SHOWN.
- EXISTING FLUORESCENT FIXTURE TO REMAIN.
- EXISTING FLUORESCENT FIXTURE TO BE RELOCATED IN SAME AREA.
- NEW LOCATION OF RELOCATED EXISTING FLUORESCENT FIXTURE.
- NEW FLUORESCENT FIXTURE, TYPE AS NOTED.
- EXISTING INCANDESCENT FIXTURE TO BE REMOVED.

GENERAL NOTE

ALL CONTRACTS SHALL INCLUDE A COMPLETE PHASE OF OPERATIONS AS NOTED UNDER VARIOUS CONTRACTS. IT IS UNDERSTOOD THAT THE CONTRACTORS SHALL COOPERATE AND COLLABORATE THEIR VARIOUS TRADES WITH EACH OTHER AND MAKE KNOWN THEIR COMMON INTERESTS WITHOUT DELAY OR COST TO ITS OTHER. THIS IS TO BE ACCEPTED AS PART OF THE CONTRACTUAL RELATIONS AND THEIR REPRESENTATIVES ON THE JOB SHALL BE INSTRUCTED TO DO SO.

CONTRACTOR AND SUBCONTRACTOR MUST BE AWARE THAT INFORMATION SHOWN IN PLACE THEY OF DRAWINGS AND SPECIFICATIONS IS PART OF THEIR WORK. FAILURE TO READ COMPLETE DOCUMENTS OR VISIT SITE AND BE AWARE OF CONDITIONS OF WORK WILL NOT CONSTITUTE BASIS FOR EXTRA CHARGES LATER. INFERIOR WORK AND WORKMANSHIP WILL BE REPLACED AT NO EXTRA OR ADDITIONAL CHARGE.

NO SUBCONTRACT ARRANGEMENT SHALL CHANGE THE INTENT OF THE ABOVE STATEMENTS.

AS BUILT DRAWING 11/1/67

AXLUF CORPORATION
1101 PROSPECT AVENUE, WESTBURY
LONG ISLAND - NEW YORK

ALTERATIONS TO MANUFACTURING BLDG.

FLOOR PLAN PART B

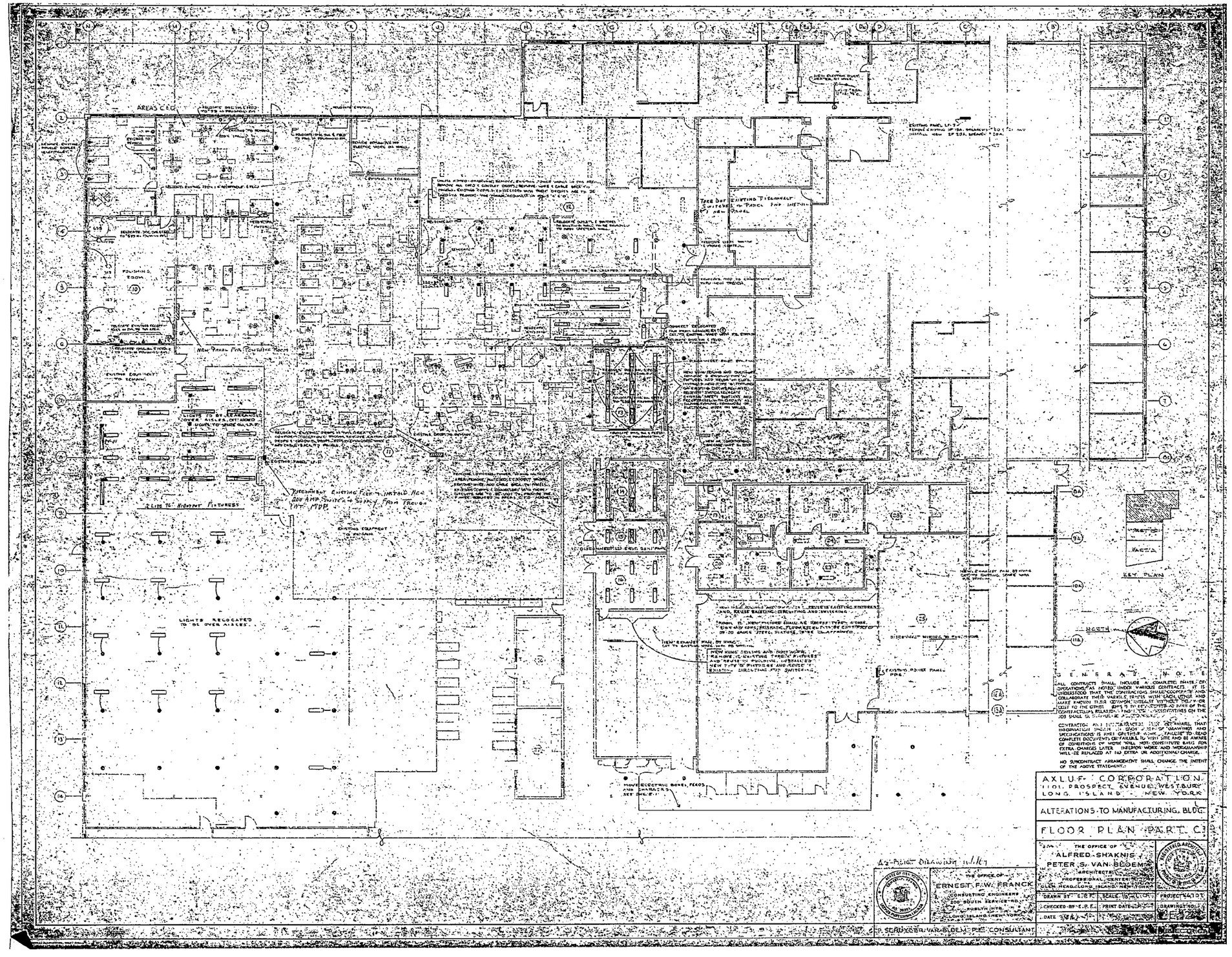
THE OFFICE OF
ALFRED SHAKNIS
PETER S. VAN BLOEM
ARCHITECTS
PROFESSIONAL ENGINEER
LONG ISLAND CITY, NEW YORK

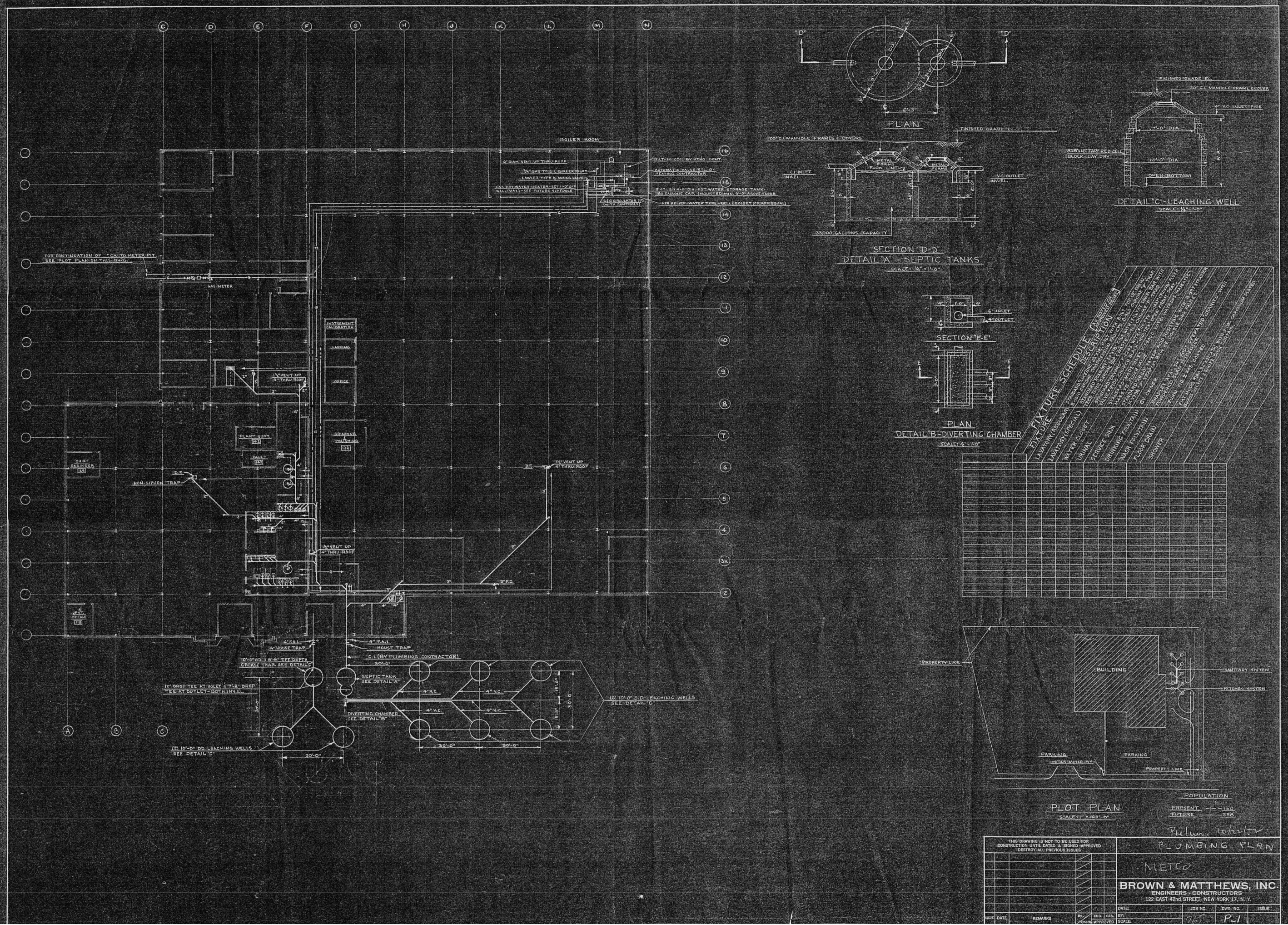
REGISTERED ARCHITECT
PETER S. VAN BLOEM
STATE OF NEW YORK
NO. 20123

DRAWN BY	SCALE 1/8"	PROJECT 4107
CHECKED BY	PRINT DATE	DRAWING NO.
DATE 3/8/67		

THE OFFICE OF
ERNEST F. W. FRANCK
CONSULTING ENGINEERS
200 SOUTH SERVICE RD.
ROSLYN, NEW YORK
LONG ISLAND, NEW YORK

P. SCHUYLER VAN BLOEM P.E. CONSULTANT


AREAS C & D
POLISHING ROOM
NEW PANEL FOR POLISHING ROOM
LIGHTS TO BE RELOCATED OVER AISLES
LIGHTS RELOCATED TO BE OVER AISLES
KEY PLAN
NORTH
GENERAL NOTE
ALL CONTRACTS SHALL INCLUDE A COMPLETE PHASE OF OPERATIONS AS NOTED UNDER VARIOUS CONTRACTS. IT IS UNDERSTOOD THAT THE CONTRACTORS SHALL COOPERATE AND COLLABORATE THEIR VARIOUS TRADES WITH EACH OTHER AND MAKE KNOWN THEIR COMMON INTEREST WITHOUT DELAY OR COST TO THE OTHER. [illegible] ON THE JOB SHALL BE [illegible]
CONTRACTOR AND SUBCONTRACTOR [illegible] AWARE THAT INFORMATION SHOWN IN [illegible] OF DRAWINGS AND SPECIFICATIONS IS MORE GRAPHIC [illegible] FAILURE TO READ COMPLETE DOCUMENTS OR FAILURE TO VISIT SITE AND BE AWARE OF CONDITIONS OF WORK WILL NOT CONSTITUTE BASIS FOR EXTRA CHARGES LATER. INFERIOR WORK AND WORKMANSHIP WILL BE REPLACED AT NO EXTRA OR ADDITIONAL CHARGE.
NO SUBCONTRACT ARRANGEMENT SHALL CHANGE THE INTENT OF THE ABOVE STATEMENT.
AXLUF CORPORATION
1101 PROSPECT AVENUE, WESTBURY
LONG ISLAND - NEW YORK
ALTERATIONS TO MANUFACTURING BLDG.
FLOOR PLAN PART C
THE OFFICE OF
ALFRED SHAKNIS
PETER S. VAN BLOEM
ARCHITECTS
PROFESSIONAL CENTER
GLEN HEAD, LONG ISLAND, NEW YORK
THE OFFICE OF
ERNEST F.W. FRANCK
CONSULTING ENGINEERS
200 SOUTH SERVICE RD.
ROSLYN HTS.
LONG ISLAND, NEW YORK
DRAWN BY E.P.F.
SCALE 1/8" = 1'-0"
PROJECT 4707
CHECKED BY E.P.F.
PRINT DATE
DRAWING NO.
DATE
P. SCHUYLER VAN BLOEM P.E. CONSULTANT
ELECTRICAL



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PLUMBING PLAN

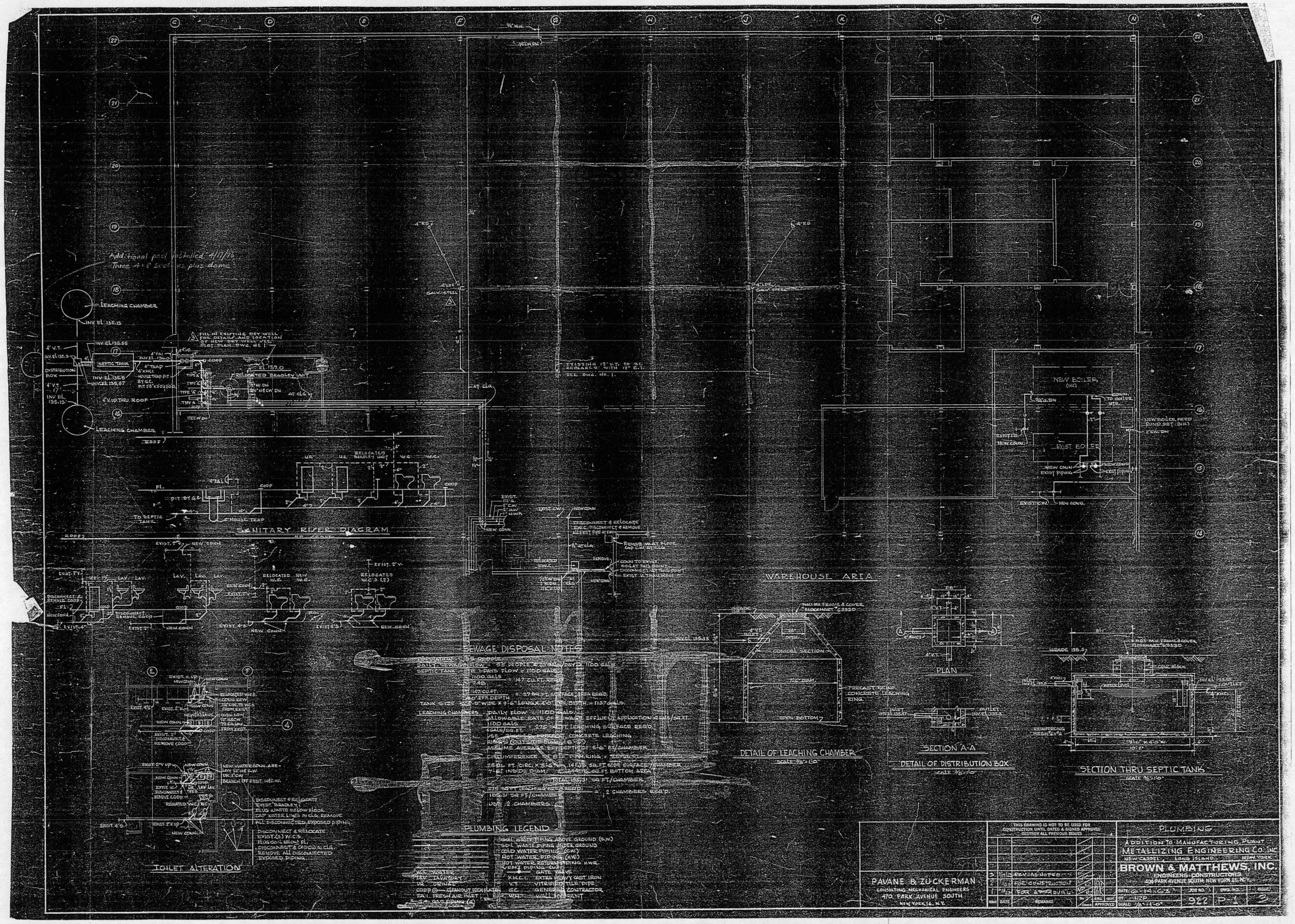
METCO

BROWN & MATTHEWS, INC.
ENGINEERS - CONSTRUCTORS
122 EAST 42nd STREET, NEW YORK 17, N. Y.

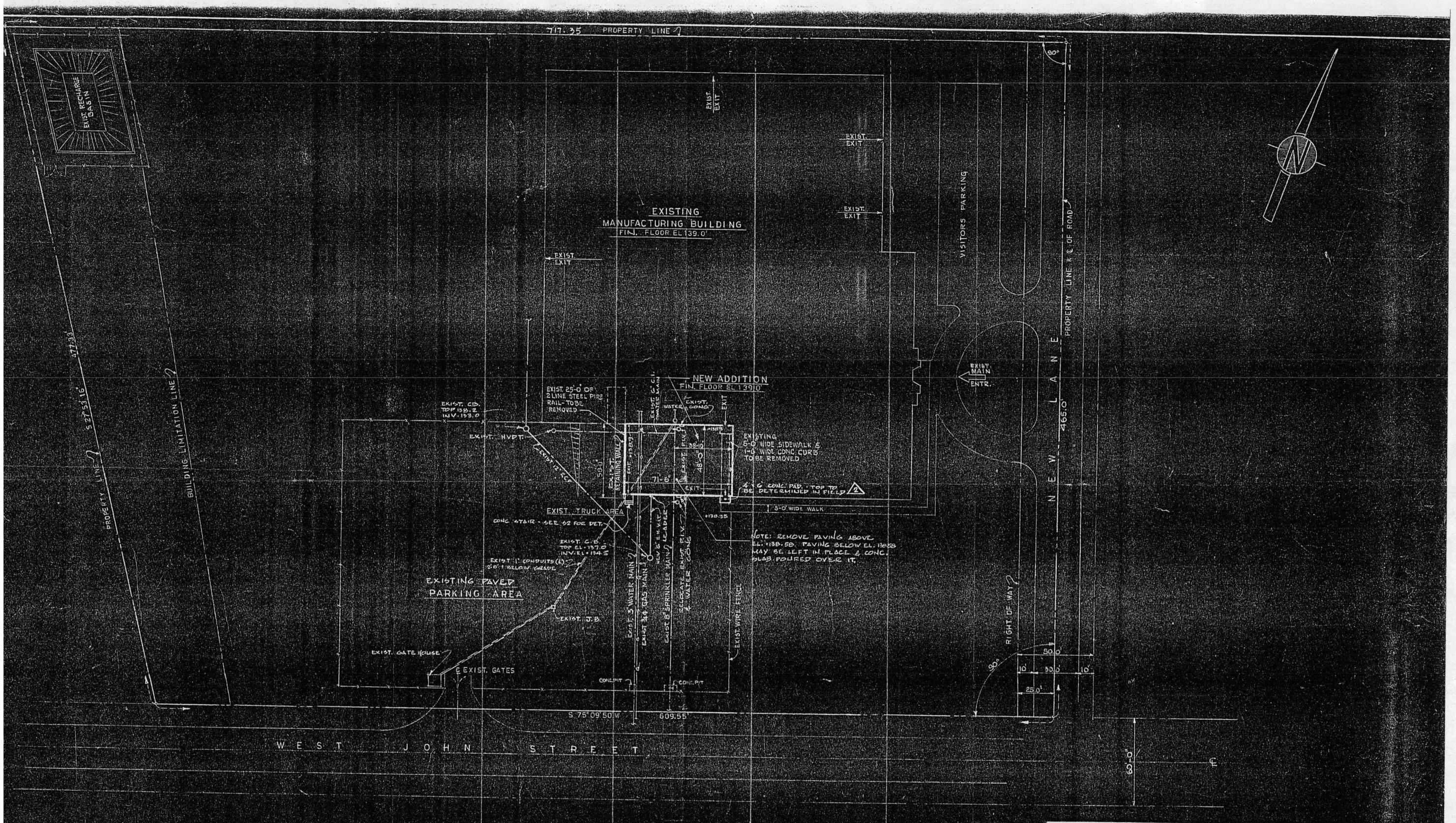
ISSUE	DATE	REMARKS	BY	CHECK	ENG.	GEN.	APPROVED

DATE: | JOB NO. | DWG. NO. | ISSUE
BY: | 75 | P-1
SCALE:

DEC 29 1955



Additional pool installed 4/11/76
Three 4 x 8 sections plus dome
LEACHING CHAMBER
INV. EL. 135.13
SEPTIC TANK
DISTRIBUTION BOX
LEACHING CHAMBER
ROOF
SANITARY RISER DIAGRAM
WAREHOUSE AREA
NEW BOILER
EXIST. BOILER
SEWAGE DISPOSAL NOTES
PLUMBING LEGEND
TOILET ALTERATION
DETAIL OF LEACHING CHAMBER
PLAN
SECTION A-A
DETAIL OF DISTRIBUTION BOX
SECTION THRU SEPTIC TANK
PAVANE & ZUCKERMAN
CONSULTING MECHANICAL ENGINEERS
470 PARK AVENUE SOUTH
NEW YORK 16, N.Y.
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL DATED & SIGNED APPROVED
DESTROY ALL PREVIOUS ISSUES
REV. AS NOTED
FOR CONSTRUCTION
FOR APPROVAL
REMARKS
PLUMBING
ADDITION TO MANUFACTURING PLANT
METALLIZING ENGINEERING CO. INC.
NEW CASSEL, LONG ISLAND, NEW YORK
BROWN & MATTHEWS, INC.
ENGINEERS-CONSTRUCTORS
406 PARK AVENUE SOUTH, NEW YORK 16, N.Y.
DATE: 6-14-63
JOB NO. 922
DWG. NO. P-1
ISSUE 3



PLOT PLAN

SCALE 1" = 30'-0"

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ISSUE	DATE	REMARKS	By / Check	ENG. / APPROVED	GEN.
2	6/17/60	ADDED CONC. PAD	[illegible]	[illegible]	
1	6/13/60	FOR ESTIMATING & APPROVAL	D.B. / JOM	[illegible]	

PLOT PLAN

OFFICE ADDITION FOR

METALLIZING ENGINEERING CO. IN

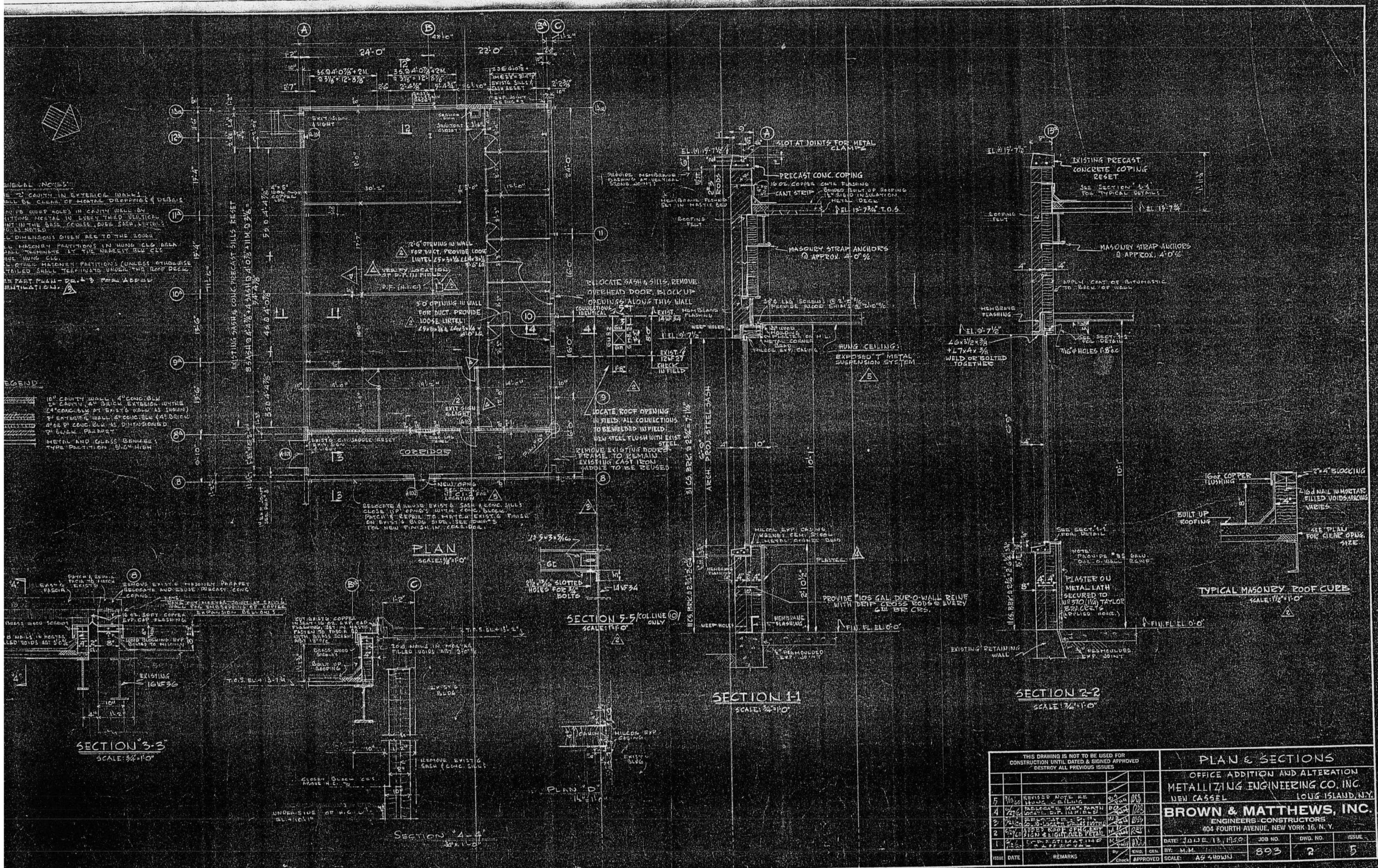
NEW CASSEL LONG ISLAND, N.Y

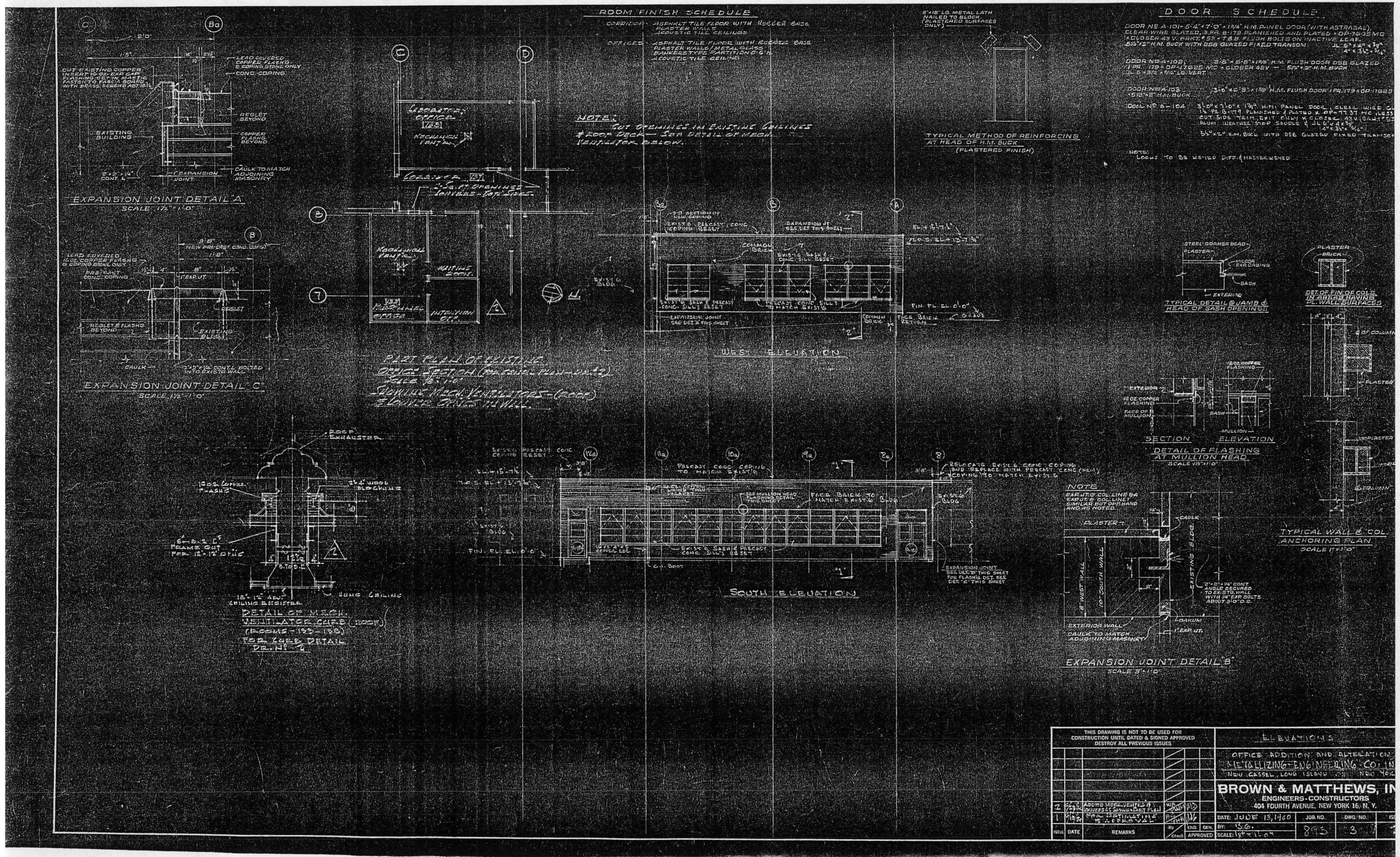
BROWN & MATTHEWS, INC

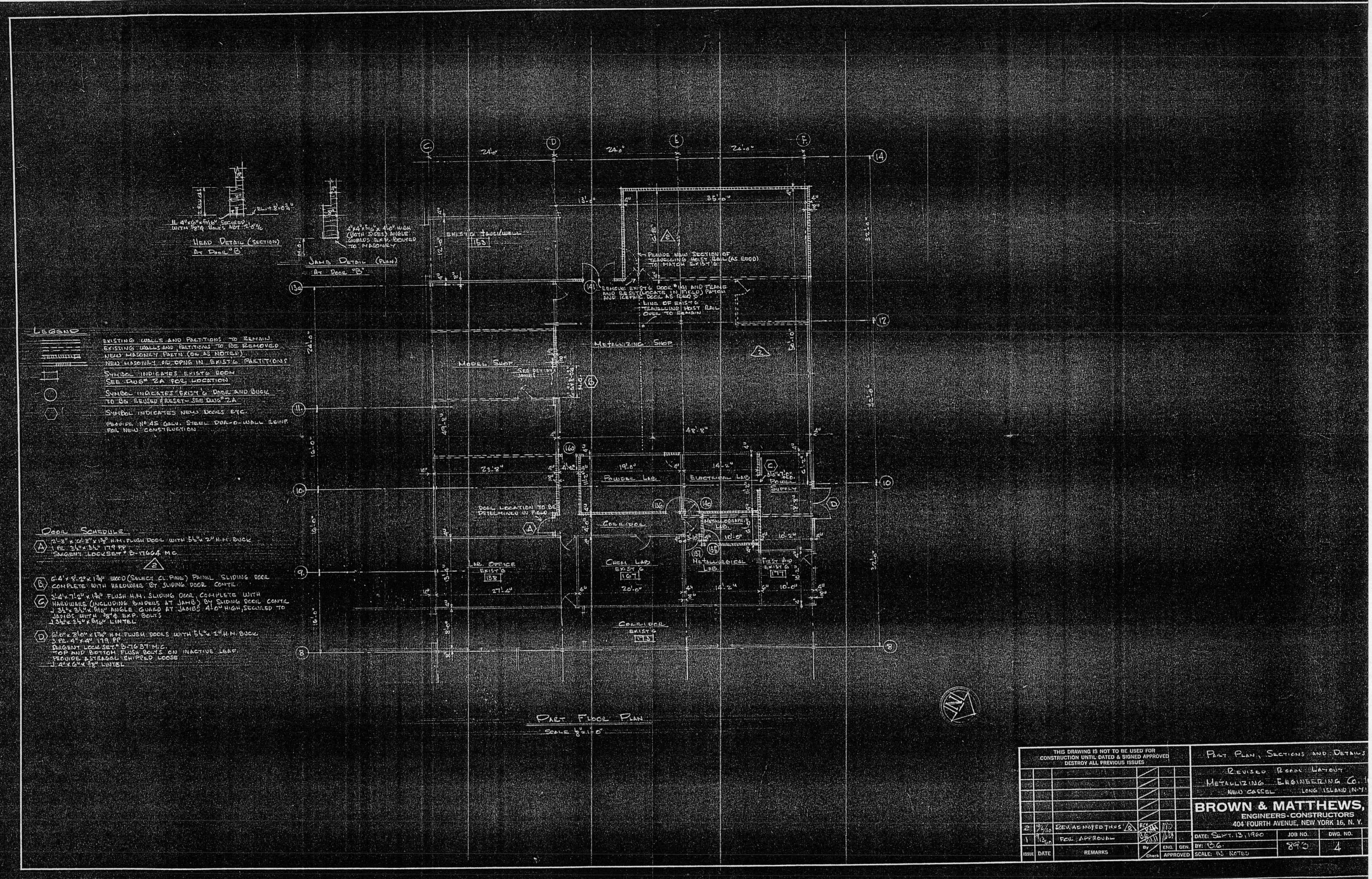
ENGINEERS - CONSTRUCTORS

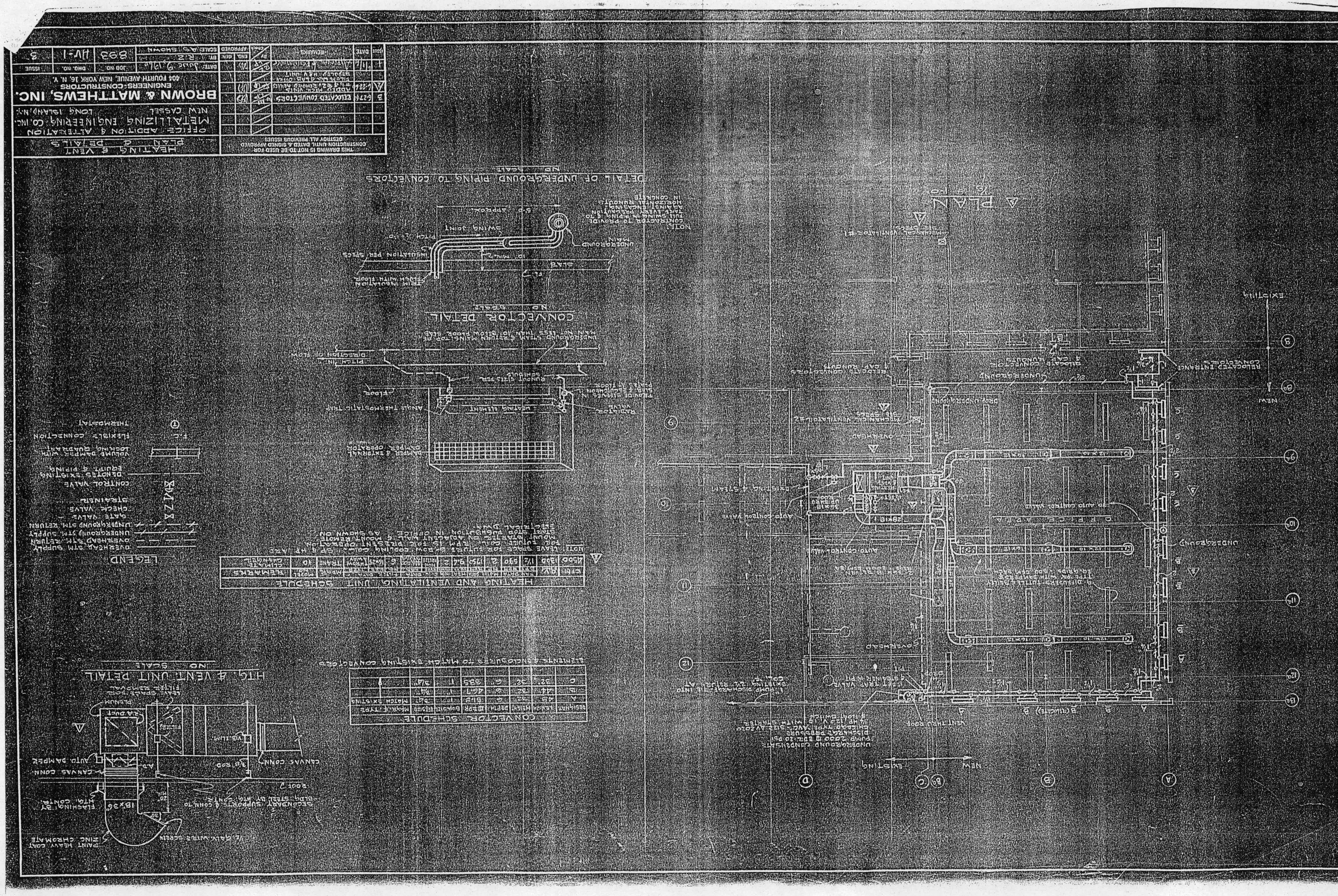
404 FOURTH AVENUE, NEW YORK 16, N.Y.

DATE: JUNE 13, 1960	JOB NO.	DWG. NO.	ISSUE
BY: D.B.	893	1	2
SCALE: 1" = 30'-0"			

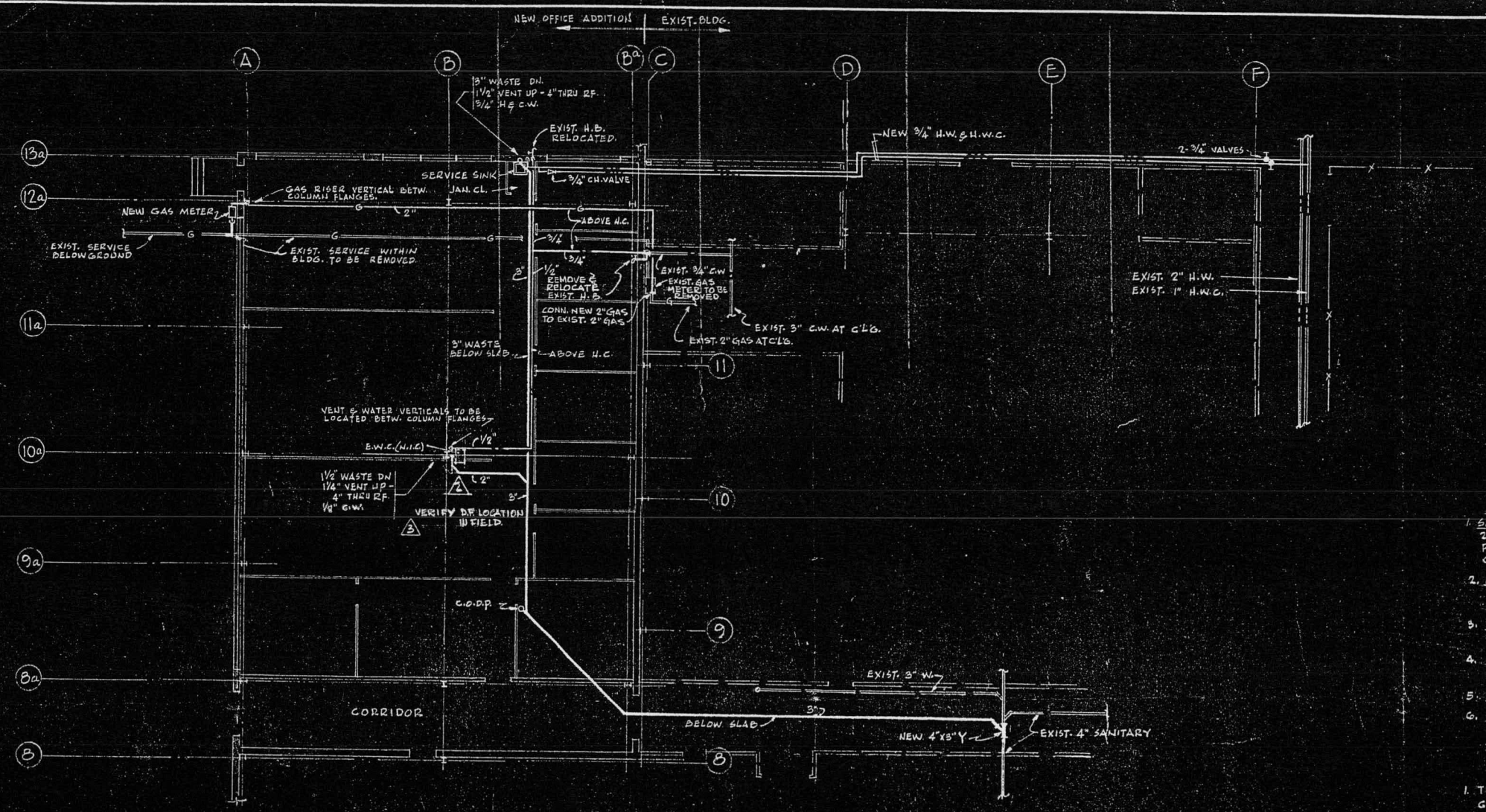

PLAN
SCALE: 1/8"=1'-0"
SECTION 1-1
SCALE: 3/4"=1'-0"
SECTION 2-2
SCALE: 3/4"=1'-0"
SECTION 3-3
SCALE: 3/4"=1'-0"
SECTION 4-4
SECTION 5-5
SCALE: 1"=1'-0"
PLAN "D"
TYPICAL MASONRY ROOF CURB
SCALE: 1 1/2"=1'-0"
CORRIDOR
PRECAST CONC. COPING
MASONRY STRAP ANCHORS @ APPROX. 4'-0" o/c
HUNG CEILING
EXPOSED "T" METAL SUSPENSION SYSTEM
EXISTING PRECAST CONCRETE COPING RESET
SLOT AT JOINTS FOR METAL CLAMPS
PLASTER ON METAL LATH SECURED TO No 370 (1 1/4) TAYLOR BRACKETS
EXISTING RETAINING WALL
BUILT UP ROOFING
SEE PLAN FOR CLEAR OPNG. SIZE
2"x4" BLOCKING
16d NAIL IN MORTAR FILLED VOIDS, SPACING VARIES
16oz COPPER FLASHING
MEMBRANE FLASHING
ROOFING FELT
WEEP HOLES
EXISTING 16WF36
EXISTING 12WF27 CHECK IN FIELD
LOCATE ROOF OPENING IN FIELD. ALL CONNECTIONS TO BE WELDED IN FIELD. NEW STEEL FLUSH WITH EXIST. STEEL
REMOVE EXISTING DOORS FRAME TO REMAIN. EXISTING CAST IRON SADDLE TO BE REUSED
RELOCATE SASH & SILLS, REMOVE OVERHEAD DOOR, BLOCK UP OPENINGS ALONG THIS WALL
PROVIDE "105 GAL. DUR-O-WALL REINF. WITH DRIP CROSS RODS @ EVERY 6TH BR. CRS.
FIN. FL. EL. 0'-0"
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL DATED & SIGNED APPROVED
DESTROY ALL PREVIOUS ISSUES
ISSUE | DATE | REMARKS | By / Check | ENG. | GEN. APPROVED
5 | 9/13/60 | REVISED NOTE RE HUNG CEILING
4 | 6/27/60 | RELOCATE MAT. PARTN LOCATE D.F. IN FIELD
3 | 7/21/60 | RELOCATE S.F. CONC. LOCATE D.F. AS SHOWN
2 | 6/27/60 | ADDED ROOF OPNG. EXIT SIGN & LIGHT CURB DETAIL
1 | 6/27/60 | CONSTRUCTION APPROVAL
PLAN & SECTIONS
OFFICE ADDITION AND ALTERATION
METALLIZING ENGINEERING CO. INC.
NEW CASSEL LONG ISLAND, N.Y.
BROWN & MATTHEWS, INC.
ENGINEERS-CONSTRUCTORS
404 FOURTH AVENUE, NEW YORK 16, N. Y.
DATE: JUNE 13, 1960
BY: M.M.
SCALE: AS SHOWN
JOB NO. 893
DWG. NO. 2
ISSUE 5


ROOM FINISH SCHEDULE
CORRIDOR - ASPHALT TILE FLOOR WITH RUBBER BASE
PLASTER WALLS
ACOUSTIC TILE CEILINGS
OFFICES - ASPHALT TILE FLOOR WITH RUBBER BASE
PLASTER WALLS / METAL GLASS
SHWESTYPE PARTITIONS 6'-0"
ACOUSTIC TILE CEILING
DOOR SCHEDULE
DOOR No A-101 - 5'-4" x 7'-0" x 1 3/4" H.M. PANEL DOOR (WITH ASTRASAL)
CLEAR WIRE GLAZED, 3 PR. B-179 PLANISHED AND PLATED x OP-7805 MC
x CLOSER 43 V. PARKT. # 55 x T&B FLUSH BOLTS ON INACTIVE LEAF.
5 3/4" x 2" H.M. BUCK WITH DSB GLAZED FIXED TRANSOM
DOOR No A-102 - 3'-8" x 6'-8" x 1 3/8" H.M. FLUSH DOOR DSB GLAZED
1 PR. 179 x OP-17825 MC x CLOSER 42V. - 5'-4" x 5" H.M. BUCK
DOOR No A-103 - 3'-0" x 6'-8" x 1 3/8" H.M. FLUSH DOOR 1 PR. 179 x OP-17823
5'-4" x 5" H.M. BUCK
DOOR No A-104 - 3'-0" x 7'-0" x 1 3/4" H.M. PANEL DOOR, CLEAR WIRE GL
1 1/2 PR. B-179 PLANISHED & PLATED x OP-7737 MC (LESS
CUT SIDE "TRIM", CUT CLOW x CLOSER 43 V. (CAM-TYPE
RUBR. WEATHER STRIP SADDLE & J L 6" x 4" x 3/8"
5 1/4" x 2" H.M. BUCK WITH DSB GLAZED FIXED TRANSOM
NOTES:
LOCKS TO BE KEYED DIFF. & MASTER KEYED
8" x 18" LG. METAL LATH NAILED TO BLOCK (PLASTERED SURFACES ONLY)
TYPICAL METHOD OF REINFORCING AT HEAD OF H.M. BUCK
(PLASTERED FINISH)
NOTE:
CUT OPENINGS IN EXISTING CEILINGS & ROOF DECK — SEE DETAIL OF MECH. VENTILATOR BELOW.
EXPANSION JOINT DETAIL "A"
SCALE 1 1/2" = 1'-0"
EXPANSION JOINT DETAIL "C"
SCALE 1 1/2" = 1'-0"
PART PLAN OF EXISTING OFFICE SECTION (PARTIAL PLAN-DR. #2)
SCALE 1/8" = 1'-0"
SHOWING MECH. VENTILATORS - (ROOF) & LOUVER GRILLS IN WALL
WEST ELEVATION
SOUTH ELEVATION
DETAIL OF MECH. VENTILATOR CURB (ROOF)
(ROOMS - 123 - 126)
FOR CURB DETAIL DR. No 6
TYPICAL DETAIL @ JAMB & HEAD OF SASH OPENING
DETAIL OF FLASHING AT MULLION HEAD
SCALE 1/8" = 1'-0"
SECTION
ELEVATION
TYPICAL WALL & COL. ANCHORING PLAN
SCALE 1" = 1'-0"
NOTE
EXP. JT. @ COL. LINE 8A EXP. JT. @ COL. LINE 1 SIMILAR BUT OPP. HAND AND AS NOTED.
EXPANSION JOINT DETAIL "B"
SCALE 3" = 1'-0"
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL DATED & SIGNED APPROVED
DESTROY ALL PREVIOUS ISSUES
ELEVATIONS
OFFICE ADDITION AND ALTERATION
METALLIZING ENGINEERING CO. INC.
NEW CASSEL, LONG ISLAND, N.Y.
BROWN & MATTHEWS, INC.
ENGINEERS-CONSTRUCTORS
404 FOURTH AVENUE, NEW YORK 16, N. Y.
DATE: JUNE 13, 1960
JOB NO. 893
DWG. NO. 3
SCALE: 1/8" = 1'-0"
ISSUE DATE REMARKS BY CHECK ENG. GEN. APPROVED


LEGEND
EXISTING WALLS AND PARTITIONS TO REMAIN
EXISTING WALLS AND PARTITIONS TO BE REMOVED
NEW MASONRY PARTN (OR AS NOTED)
NEW MASONRY OR OPNG IN EXIST'G PARTITIONS
SYMBOL INDICATES EXIST'G ROOM SEE DWG# 2A FOR LOCATION
SYMBOL INDICATES EXIST'G DOOR AND BUCK TO BE REUSED (RESET) - SEE DWG# 2A
SYMBOL INDICATES NEW DOORS ETC.
PROVIDE NO 45 GALV. STEEL DUR-O-WALL REINF. FOR NEW CONSTRUCTION
HEAD DETAIL (SECTION) AT DOOR "B"
JAMB DETAIL (PLAN) AT DOOR "B"
DOOR SCHEDULE
A 2'-8" x 6'-8" x 1 3/8" H.M. FLUSH DOOR WITH 5 3/4" x 2" H.M. BUCK 1 PR. 3 1/2" x 3 1/2" 179 PP SARGENT LOCKSET # B-17664 M.C.
B 6'-4" x 8'-2" x 1 3/4" WOOD (SELECT CL. PINE) PANEL SLIDING DOOR COMPLETE WITH HARDWARE BY SLIDING DOOR CONTR.
C 3'-4" x 7'-2" x 1 3/4" FLUSH H.M. SLIDING DOOR, COMPLETE WITH HARDWARE (INCLUDING BINDERS AT JAMB) BY SLIDING DOOR CONTR. JAMBS WITH 3/8" Φ EXP. BOLTS
D 6'-0" x 8'-0" x 1 3/4" H.M. FLUSH DOORS WITH 5 3/4" x 2" H.M. BUCK 3 PR. 4" x 4" 179 PP SARGENT LOCKSET # B-7637 M.C. TOP AND BOTTOM FLUSH BOLTS ON INACTIVE LEAF. PROVIDE ASTRAGAL SHIPPED LOOSE
EXIST'G TRUCKWELL 153
MODEL SHOP
METALLIZING SHOP
PROVIDE NEW SECTION OF TRAVELLING HOIST RAIL (AS REQD) TO MATCH EXIST'G
REMOVE EXIST'G DOOR # 141 AND FRAME AND RESET (LOCATE IN FIELD) PATCH AND REPAIR DOOR AS REQ'D
LINE OF EXIST'G TRAVELLING HOIST RAIL OVER TO REMAIN
POWDER LAB
ELECTRICAL LAB
POWER SUPPLY
METALLOGRAPHIC LAB
METALLURGICAL LAB
FIRST AID EXIST'G 144
CHEM LAB EXIST'G 167
LAB. OFFICE EXIST'G 138
CORRIDOR
CORRIDOR EXIST'G 175
DOOR LOCATION TO BE DETERMINED IN FIELD
PART FLOOR PLAN
SCALE 1/8" = 1'-0"
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL DATED & SIGNED APPROVED DESTROY ALL PREVIOUS ISSUES
2 10/6/60 REV. AS NOTED THUS
1 9/13/60 FOR APPROVAL
ISSUE DATE REMARKS By Check ENG. GEN. APPROVED
PART PLAN, SECTIONS AND DETAILS
REVISED ROOM LAYOUT
METALLIZING ENGINEERING CO. INC.
NEW CASSEL LONG ISLAND, N.Y.
BROWN & MATTHEWS,
ENGINEERS-CONSTRUCTORS
404 FOURTH AVENUE, NEW YORK 16, N. Y.
DATE: SEPT. 13, 1960
BY: B.G.
SCALE: AS NOTED
JOB NO. 893
DWG. NO. 4

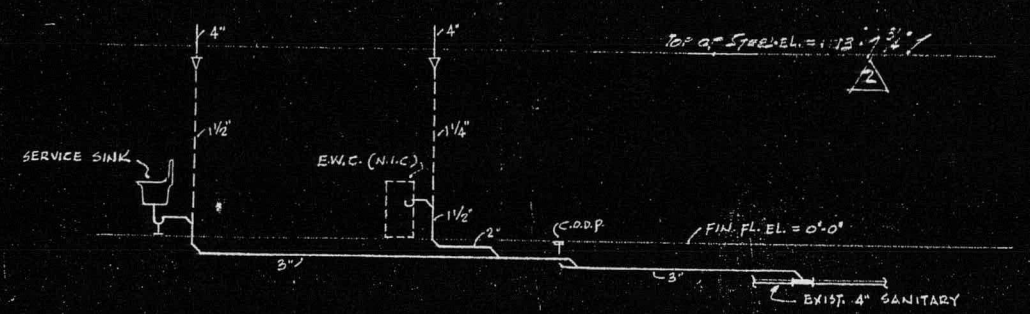


HEATING & VENT
PLAN & DETAILS
OFFICE ADDITION & ALTERATION
METALLIZING ENGINEERING CO. INC.
NEW CASSEL LONG ISLAND, N.Y.
BROWN & MATTHEWS, INC.
ENGINEERS-CONSTRUCTORS
404 FOURTH AVENUE, NEW YORK 16, N. Y.
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL DATED & SIGNED APPROVED
DESTROY ALL PREVIOUS ISSUES
DATE: JUNE 9, 1964
SCALE: AS SHOWN
893
HV-1
3
DETAIL OF UNDERGROUND PIPING TO CONVECTORS
NO SCALE
CONVECTOR DETAIL
NO SCALE
HEATING AND VENTILATING UNIT SCHEDULE
CONVECTOR SCHEDULE
HTG. & VENT UNIT DETAIL
NO SCALE
LEGEND
PLAN
EXISTING
NEW



PLAN

SCALE: 1/8" = 1'-0"



SANITARY RISER DIAGRAM

NO SCALE

FIXTURE & MATERIAL SPECIFICATIONS

1. SERVICE SINK - AMERICAN-STANDARD P-7100 "ARGO" 24"x20" IRON ENAMEL, ACID RESISTING; P-779B 3" P-TRAP STANDARD; B-997E STRAINER; B-914 HE COMBINATION FAUCET.
2. BELOWSLAB DRAINAGE SHALL BE EXTRA HEAVY CAST IRON PIPE & FITTINGS WITH CAULKED LEAD AND OAKUM JOINTS.
3. SANITARY VENTS SHALL BE GALVANIZED STEEL PIPE WITH GALVANIZED MALLEABLE IRON FITTINGS.
4. HOT AND COLD WATER PIPING SHALL BE GENUINE GALVANIZED WROUGHT IRON.
5. GAS PIPING SHALL BE BLACK STEEL.
6. INSULATION FOR WATER PIPING SHALL BE STANDARD ANTI-SWEAT COVERING.

NOTES

1. THE PLUMBING CONTRACTOR SHALL RELOCATE EXISTING GAS METER, WHERE SHOWN, COMPLETE WITH REGULATOR, VENT, SHUT-OFF VALVES, ETC., ALL IN ACCORDANCE WITH RULES AND REGULATIONS OF THE UTILITY CO.
2. PROVIDE ANGLE STOPS FOR HOT & COLD WATER AT FIXTURES.
3. ALL CUTTING AND PATCHING IN EXISTING BLDG. BY G.C.
4. ALL EXCAVATION BY G.C.

SYMBOLS & ABBREVIATIONS

═══	EXISTING PIPING
━━━	WASTE PIPING
—·—	COLD WATER
—··—	HOT WATER
—···—	HOT WATER CIRCULATION
—G—	GAS PIPING
C.O.D.P.	CLEANOUT DECK PLATE
H.C.	HUNG CEILING
H.B.	HOSE BIBB

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL DATED & SIGNED APPROVED
DESTROY ALL PREVIOUS ISSUES

ISSUE	DATE	REMARKS	BY / Check	ENG.	CON.	APPROVED
3	6/27/60	ADDED NOTE AS SHOWN				
2	5/3/60	REVISED PLAN & EXIST. TOP OF BLDG.				
1	1/9/60	PRELIMINARY ESTIMATING				

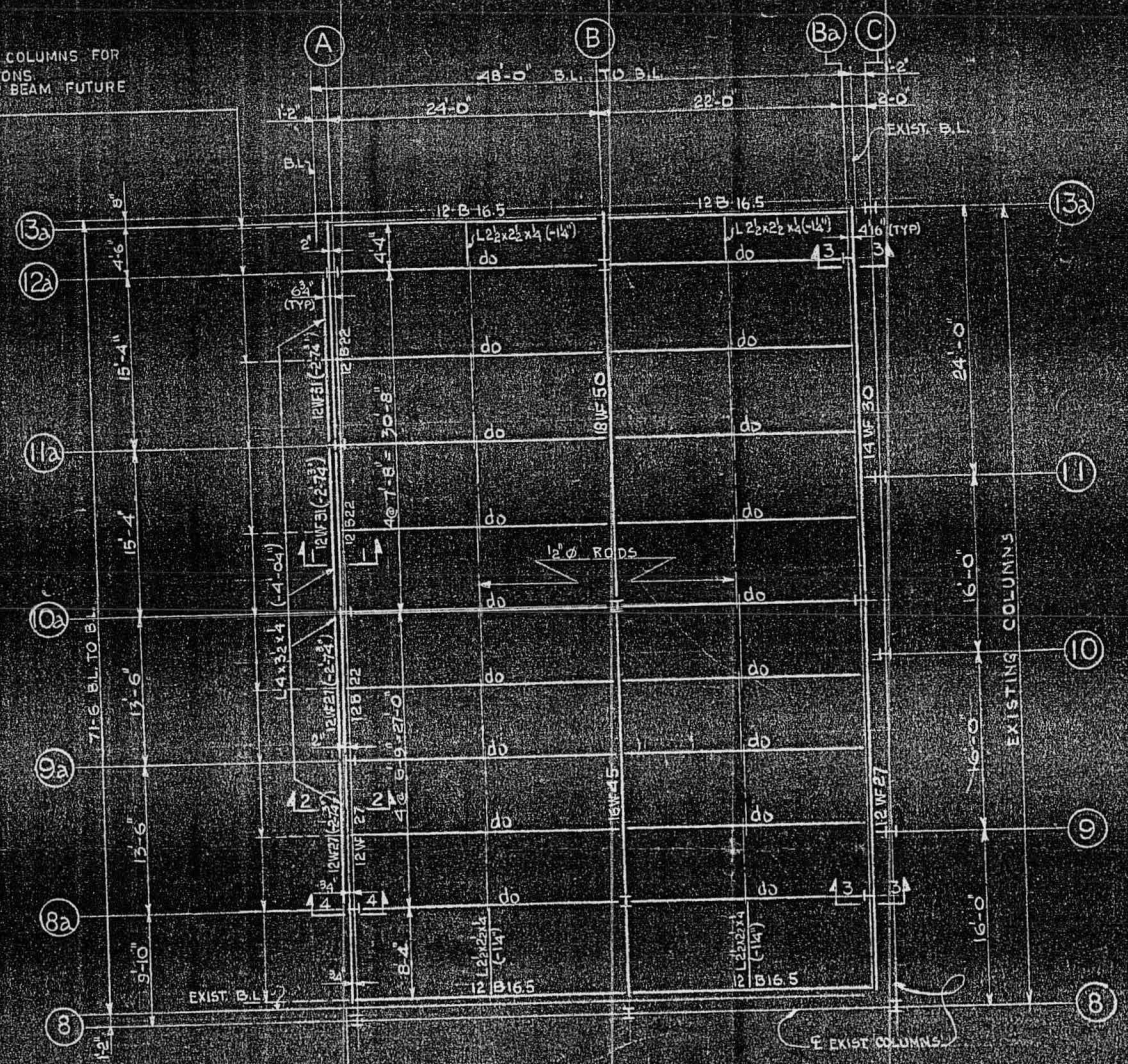
PLUMBING PLAN & DETAILS

OFFICE ADDITION AND ALTERATION
METALLIZING ENGINEERING CO. INC.
NEW CASSEL — LONG ISLAND, N.Y.

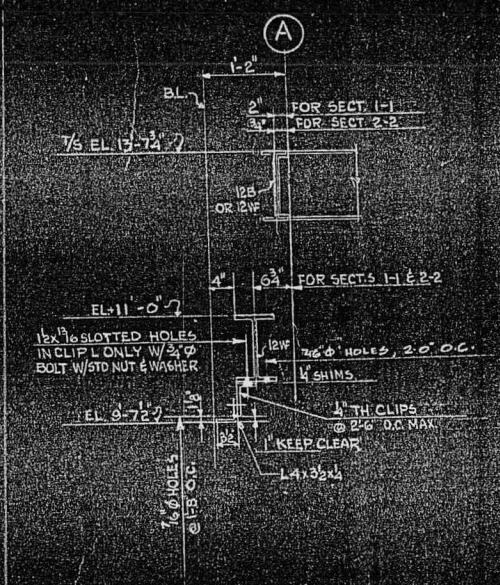
BROWN & MATTHEWS, INC.
ENGINEERS-CONSTRUCTORS
404 FOURTH AVENUE, NEW YORK 16, N. Y.

DATE:	JOB NO.	DWG. NO.	ISSUE:
DWN: A.E.D. SCALE: AS SHOWN	893	P-1	3

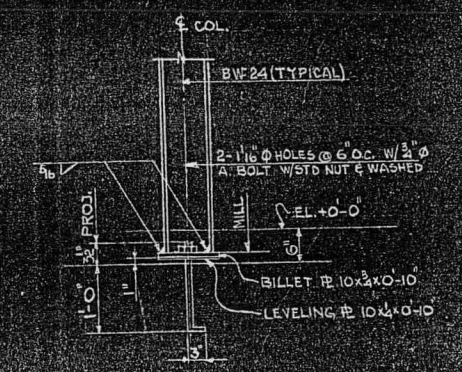
FUTURE FRAMING
PROVIDE HOLES IN COLUMNS FOR FUTURE CONNECTIONS
SEE DETAIL "A" FOR BEAM FUTURE CONNECTIONS



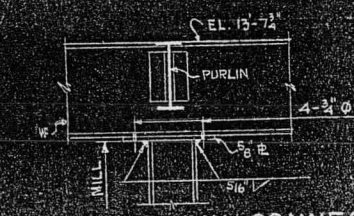
ROOF FRAMING PLAN
TOP OF STEEL EL. 13'-7¾" UNLESS OTHERWISE NOTED.
SCALE: 1/8" = 1'-0"



SECTION 1-1
SECTION 2-2
SCALE: ¾" = 1'-0"



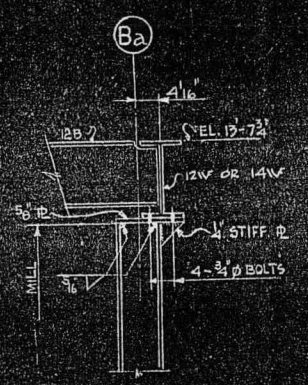
COLUMN BASE DETAIL
(TYPICAL)
SCALE: ¾" = 1'-0"



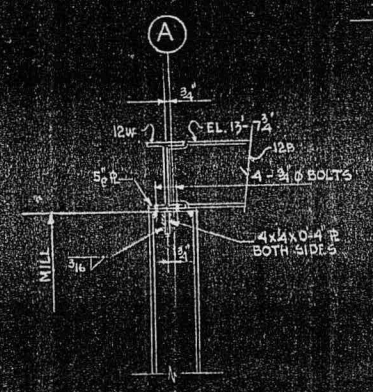
DETAIL OF COLUMN CONNECTION AT CANTILEVER
SCALE: ¾" = 1'-0"

GENERAL NOTES

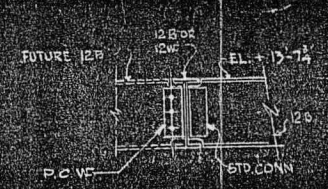
1. ALL SHOP AND FIELD WORK TO CONFORM TO THE REQUIREMENT OF THE A.I.S.C.
2. ALL BEAM AND GIRDER CONNECTIONS TO BE EQUIVALENT TO STD BEAM CONNECTION EXCEPT WHERE SPECIAL CONNECTIONS ARE REQUIRED.
3. STEEL DETAILS SHALL PROVIDE HOLES INCIDENTAL TO CONNECTING SASH ETC. (SEE ARCH. DETAILS)
4. ALL STRUCTURAL STEEL TO CONFORM TO STD SPECS OF A.S.T.M. FOR STEEL BUILDING
5. ANCHOR BOLTS AND LEVELING PLATES TO BE FURNISHED AS PRIOR SHIPMENT
6. ALL BOLTS TO BE ¾" ø UNLESS OTHERWISE NOTED
7. ALL FIELD CONNECTIONS TO BE BOLTED, ALL BOLTS TO BE DRAWN UP TIGHT.
8. ALL SHOP WORK TO BE RIVETED; NO CONNECTION TO HAVE LESS THAN TWO RIVETS
9. ALL STRUCTURAL STEEL TO RECEIVE ONE SHOP COAT RED LEAD AND OIL. FIELD COAT BY OTHERS.
10. FOR WALL SECTIONS, LENGTH OF SASH ANGLES, AND OTHER ADDITIONAL INFORMATION SEE ARCH. DWGS. ALL EXPOSED SASH ANGLES TO EXTEND 1" INTO BRICK WORK.
11. CONTRACTOR TO SUBMIT ANCHOR BOLT SETTING PLAN.
12. SHOP DRAWINGS TO BE SUBMITTED: TWO COPIES FOR APPROVAL AND FOUR COPIES FOR FINAL APPROVAL.



SECTION 3-3
SCALE: ¾" = 1'-0"



SECTION 4-4
SCALE: ¾" = 1'-0"



DETAIL "A"

DESIGN LOADS

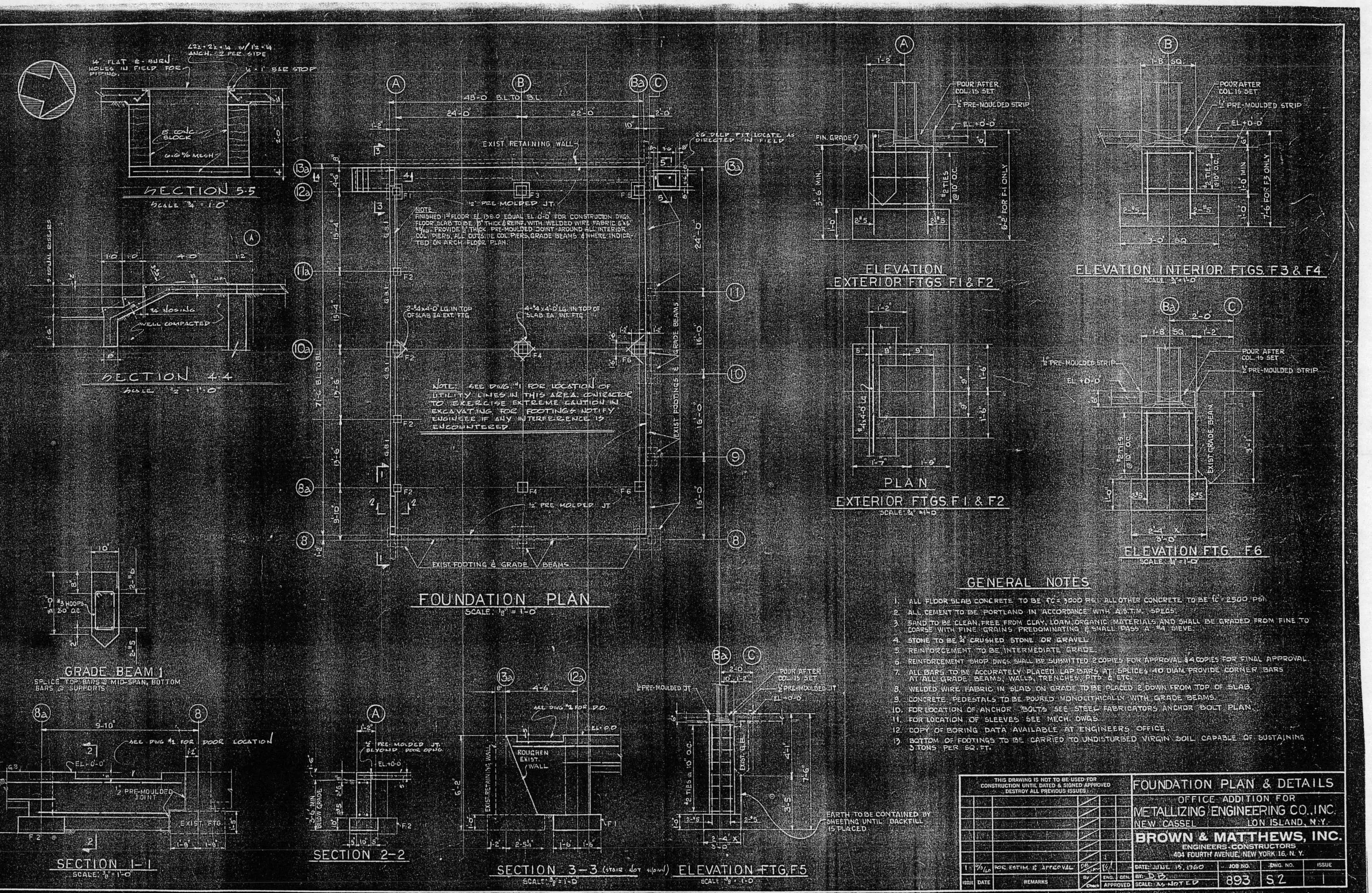
LIVE LOAD	40 lb/ft²
ROOFING	5.5 "
ROOF DECK	2.5 "
TOTAL	48.0 lb/ft²

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL DATED & SIGNED APPROVED
DESTROY ALL PREVIOUS ISSUES

ISSUE	DATE	REMARKS	By	Chkd	Eng.	Chf.	APPROVED
1	6/6/60	FOR ESTIMATING					

ROOF FRAMING PLAN & DETA
OFFICE ADDITION FOR
METALLIZING ENGINEERING CO.
NEW CASSEL LONG ISLAN
BROWN & MATTHEWS,
ENGINEERS-CONSTRUCTORS
404 FOURTH AVENUE; NEW YORK 16, N. Y.

DATE: JUNE 6, 1960	JOB NO.	DWG. NO.
BY: D.B.	893	S 1
SCALE: AS NOTED		



GENERAL NOTES

1. ALL FLOOR SLAB CONCRETE TO BE f'c = 3000 PSI. ALL OTHER CONCRETE TO BE f'c = 2500 PSI.
2. ALL CEMENT TO BE PORTLAND IN ACCORDANCE WITH A.S.T.M. SPECS.
3. SAND TO BE CLEAN, FREE FROM CLAY, LOAM, ORGANIC MATERIALS AND SHALL BE GRADED FROM FINE TO COARSE WITH FINE GRAINS PREDOMINATING & SHALL PASS A #4 SIEVE.
4. STONE TO BE 3/4" CRUSHED STONE OR GRAVEL.
5. REINFORCEMENT TO BE INTERMEDIATE GRADE.
6. REINFORCEMENT SHOP DWGS. SHALL BE SUBMITTED 2 COPIES FOR APPROVAL & 4 COPIES FOR FINAL APPROVAL.
7. ALL BARS TO BE ACCURATELY PLACED. LAP BARS AT SPLICES 40 DIAM. PROVIDE CORNER BARS AT ALL GRADE BEAMS, WALLS, TRENCHES, PITS & ETC.
8. WELDED WIRE FABRIC IN SLAB ON GRADE TO BE PLACED 2 DOWN FROM TOP OF SLAB.
9. CONCRETE PEDESTALS TO BE POURED MONOLITHICALLY WITH GRADE BEAMS.
10. FOR LOCATION OF ANCHOR BOLTS SEE STEEL FABRICATORS ANCHOR BOLT PLAN.
11. FOR LOCATION OF SLEEVES SEE MECH. DWGS.
12. COPY OF BORING DATA AVAILABLE AT ENGINEERS OFFICE.
13. BOTTOM OF FOOTINGS TO BE CARRIED TO UNDISTURBED VIRGIN SOIL CAPABLE OF SUSTAINING 3 TONS PER SQ. FT.

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL DATED & SIGNED APPROVED. DESTROY ALL PREVIOUS ISSUES.

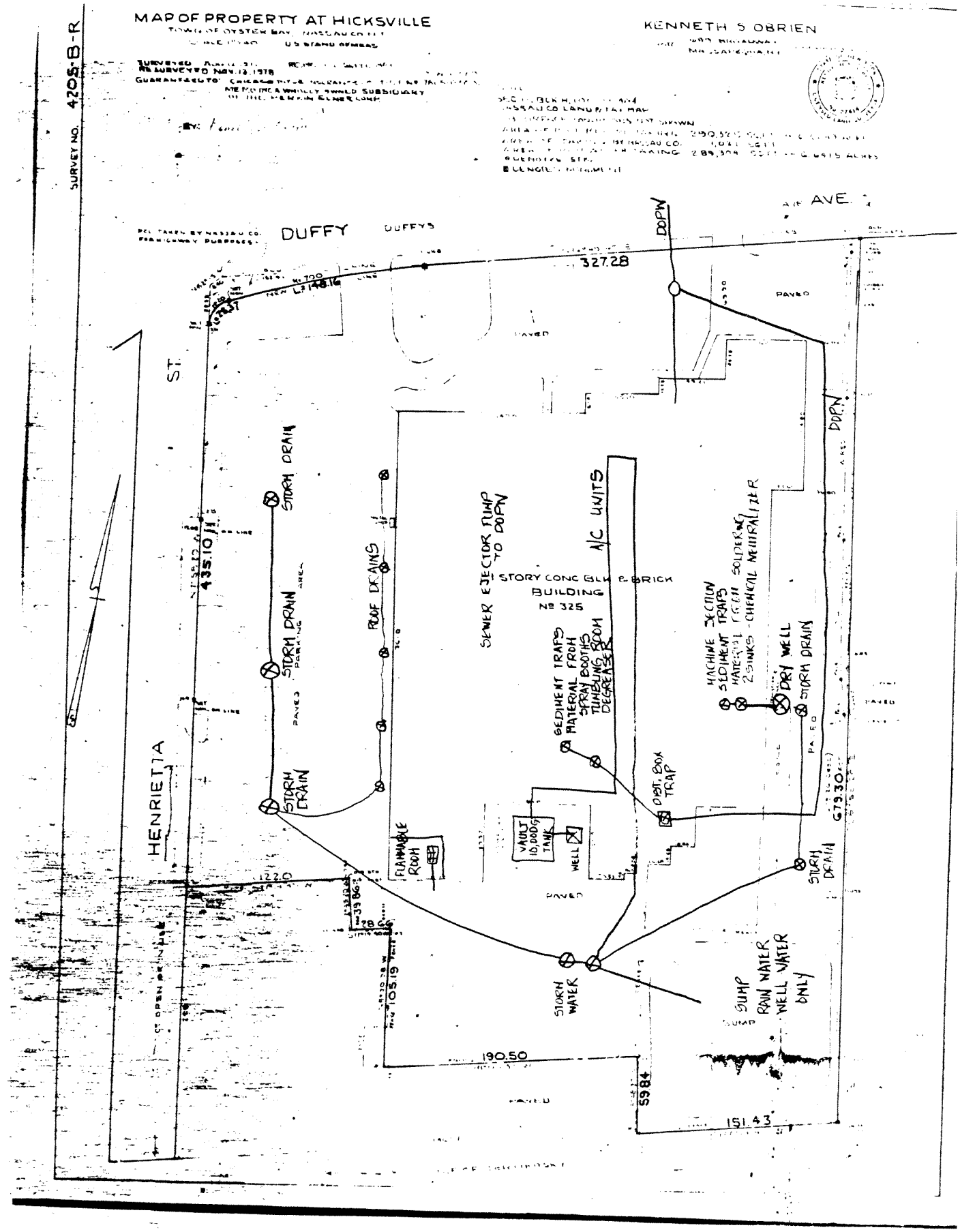
ISSUE	DATE	REMARKS	BY	CHECK	ENG.	GEN.	APPROVED
1	9/5/60	FOR ESTIM. & APPROVAL	DB				

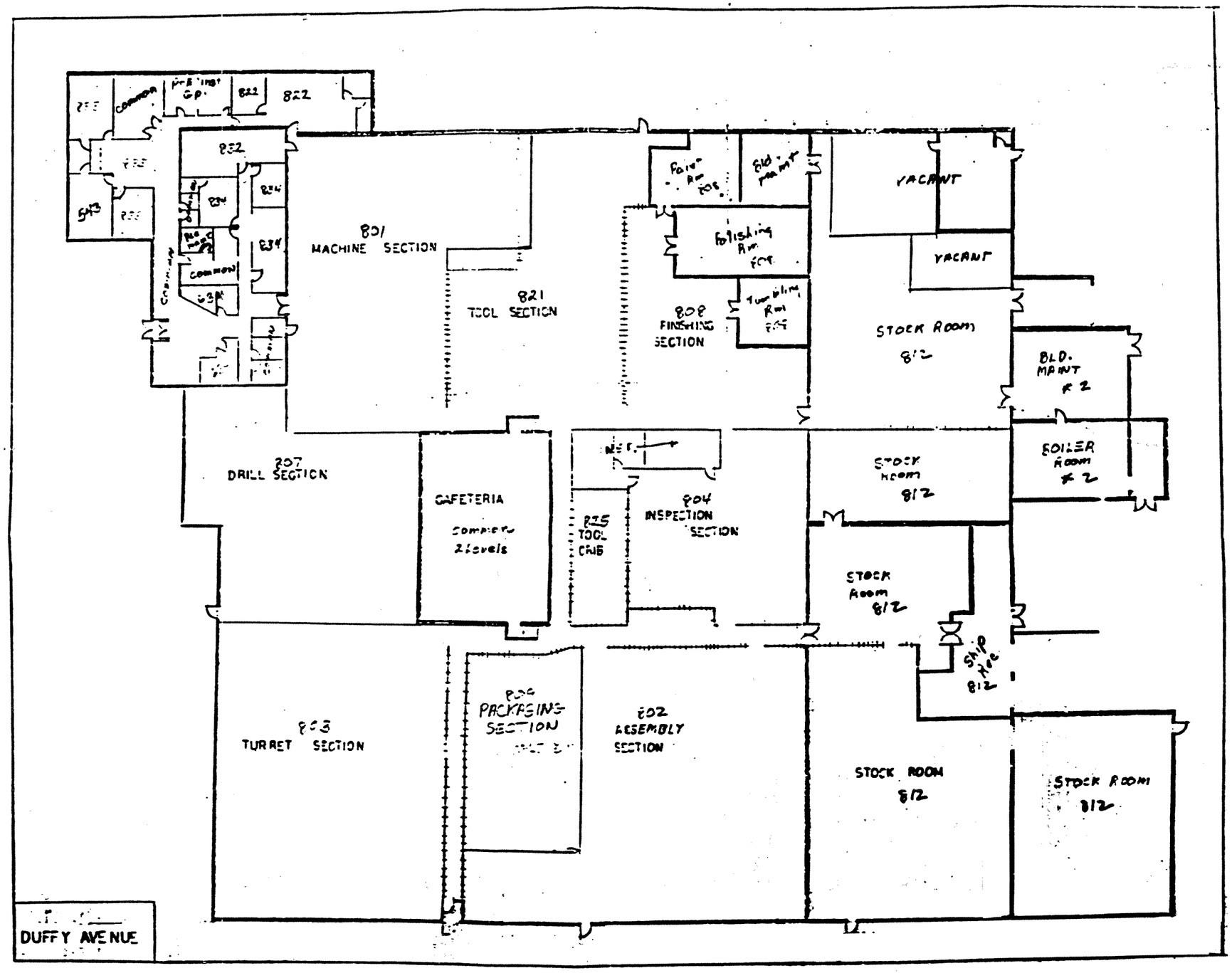
FOUNDATION PLAN & DETAILS

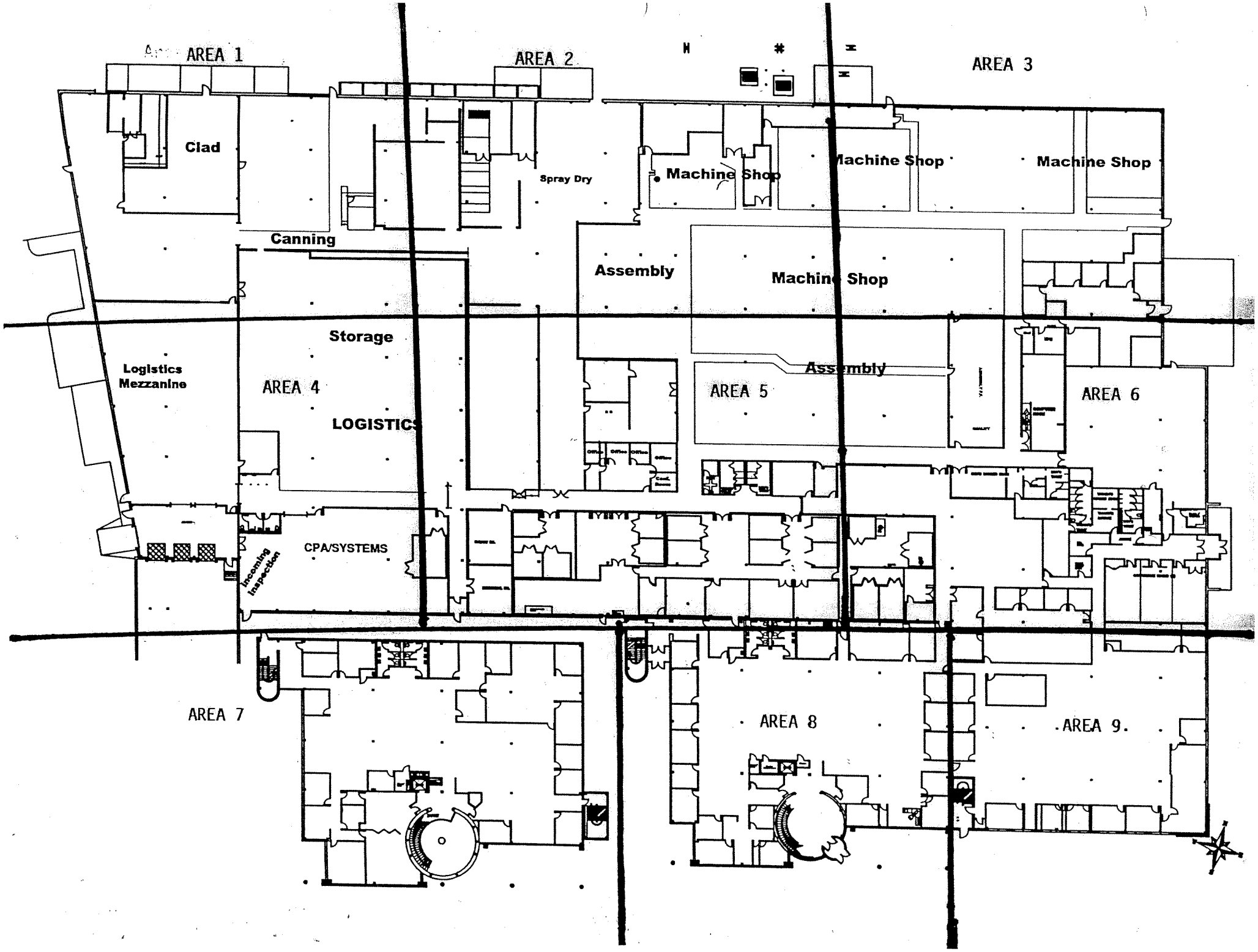
OFFICE ADDITION FOR
METALLIZING ENGINEERING CO., INC.
NEW CASSEL LON ISLAND, N.Y.

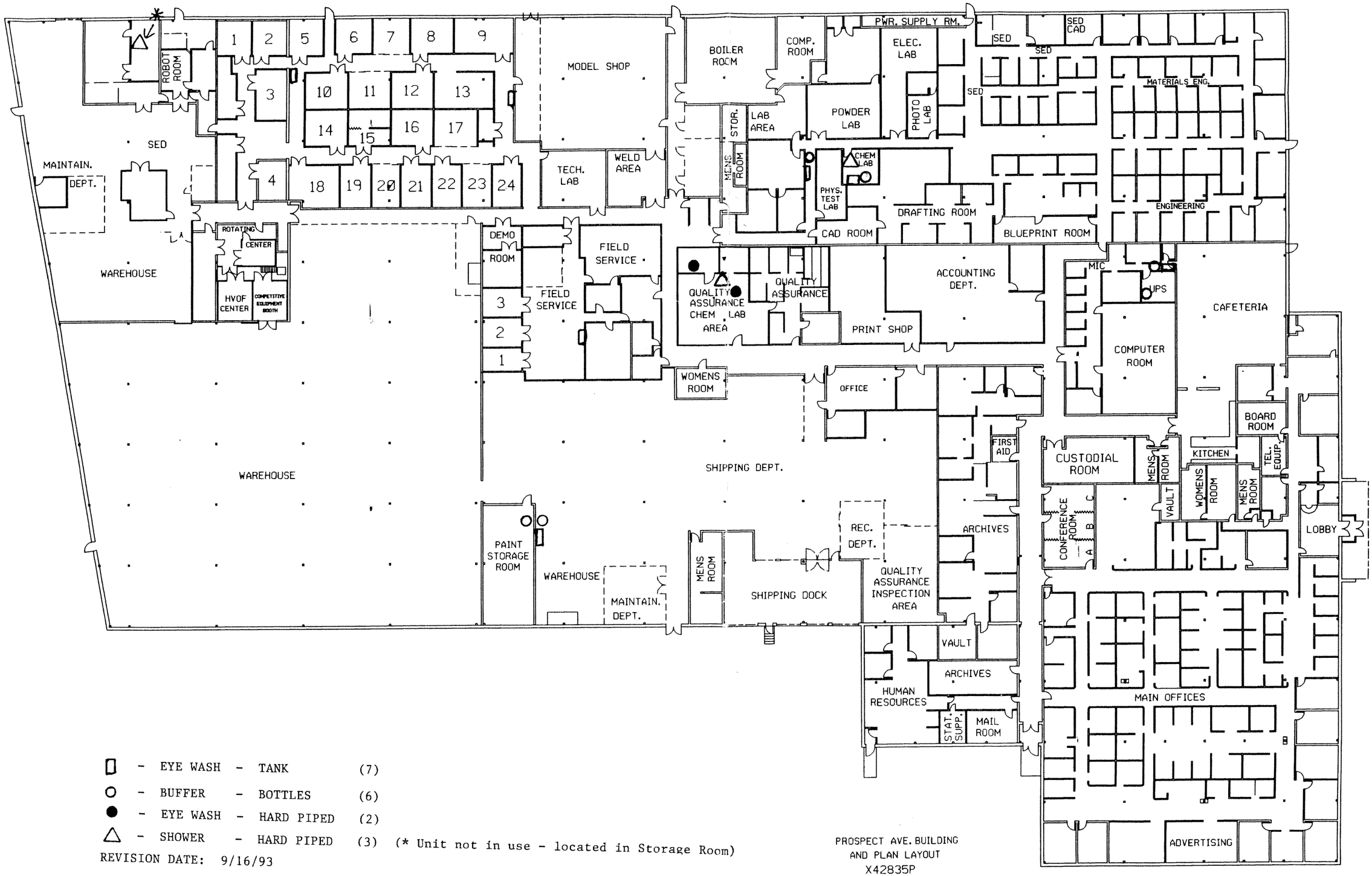
BROWN & MATTHEWS, INC.
ENGINEERS-CONSTRUCTORS
404 FOURTH AVENUE, NEW YORK 16, N. Y.

DATE: JUNE 13, 1960	JOB NO.	DWG. NO.	ISSUE
BY: D.B.	893	S2	1
SCALE: AS NOTED			


MAP OF PROPERTY AT HICKSVILLE
KENNETH S OBRIEN
SURVEY NO. 4205-B-R
DUFFY
DUFFYS
AVE.
ST.
HENRIETTA
327.28
DOPW
PAVED
STORM DRAIN
STORM DRAIN
STORM DRAIN
ROOF DRAINS
SEWER EJECTOR PUMP TO DOPW
A/C UNITS
1 STORY CONC BLK & BRICK BUILDING Nº 325
SEDIMENT TRAPS MATERIAL FROM SPRAY BOOTHS TUMBLING ROOM DEGREASER
MACHINE SECTION SEDIMENT TRAPS MATERIAL FROM SOLDERING 2 SINKS - CHEMICAL NEUTRALIZER
DRY WELL
STORM DRAIN
DIST. BOX TRAP
VAULT 10,000G TANK
WELL
FLAMMABLE ROOM
STORM DRAIN
STORM WATER
SUMP RAIN WATER WELL WATER ONLY
SUMP
435.10
122.0
39.86
28.66
105.19
190.50
59.84
151.43
679.30


822
832
834
801
MACHINE SECTION
821
TOOL SECTION
808
FINISHING SECTION
VACANT
VACANT
STOCK ROOM
812
BLD. MAINT
#2
BOILER ROOM
#2
807
DRILL SECTION
CAFETERIA
Complete 2 Levels
875
TOOL CRIB
804
INSPECTION SECTION
STOCK ROOM
812
STOCK ROOM
812
SHIP ROOM
812
803
TURRET SECTION
806
PACKAGING SECTION
802
ASSEMBLY SECTION
STOCK ROOM
812
STOCK ROOM
812
DUFFY AVENUE


AREA 1
AREA 2
AREA 3
Clad
Spray Dry
Machine Shop
Machine Shop
Machine Shop
Canning
Assembly
Machine Shop
Storage
Logistics Mezzanine
AREA 4
LOGISTICS
Assembly
AREA 5
AREA 6
CPA/SYSTEMS
Incoming Inspection
AREA 7
AREA 8
AREA 9



▯	- EYE WASH	- TANK	(7)
○	- BUFFER	- BOTTLES	(6)
●	- EYE WASH	- HARD PIPED	(2)
△	- SHOWER	- HARD PIPED	(3)

(* Unit not in use - located in Storage Room)

REVISION DATE: 9/16/93

PROSPECT AVE. BUILDING
AND PLAN LAYOUT
X42835P
30JUL92