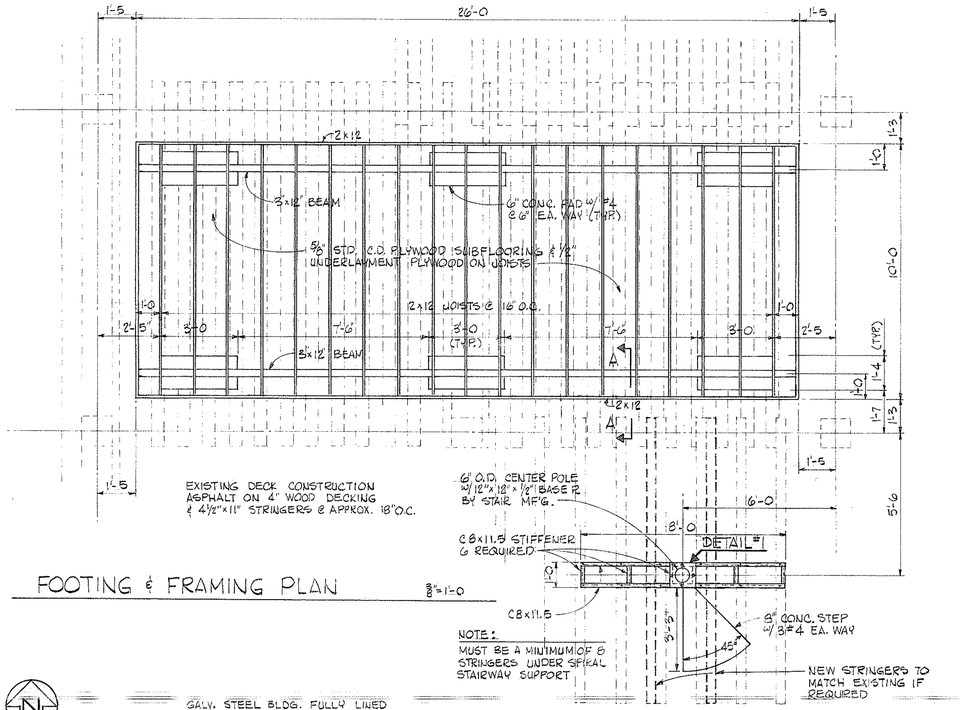
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PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 07348

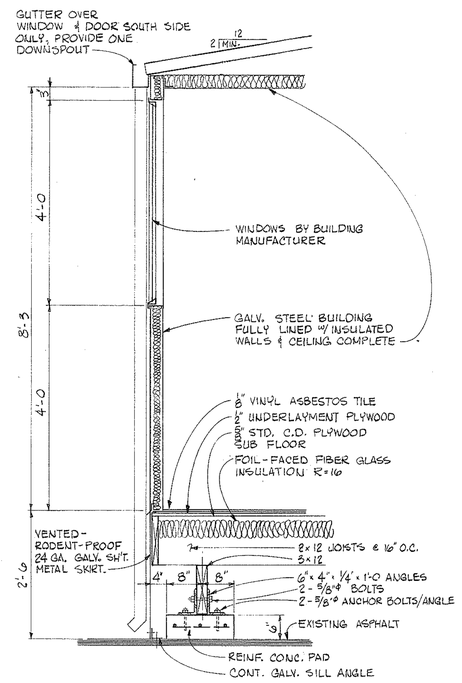
DRAWING NUMBER
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 07348

DRAWING NUMBER
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 07348

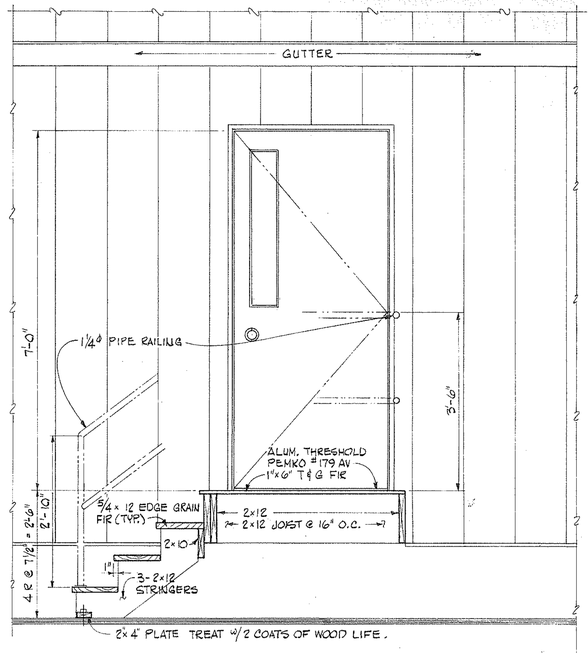
DRAWING NUMBER
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 07348



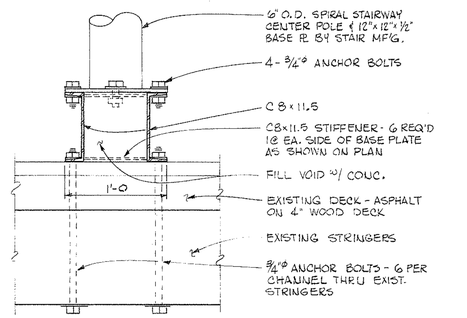
FOOTING & FRAMING PLAN 3/8"=1'-0



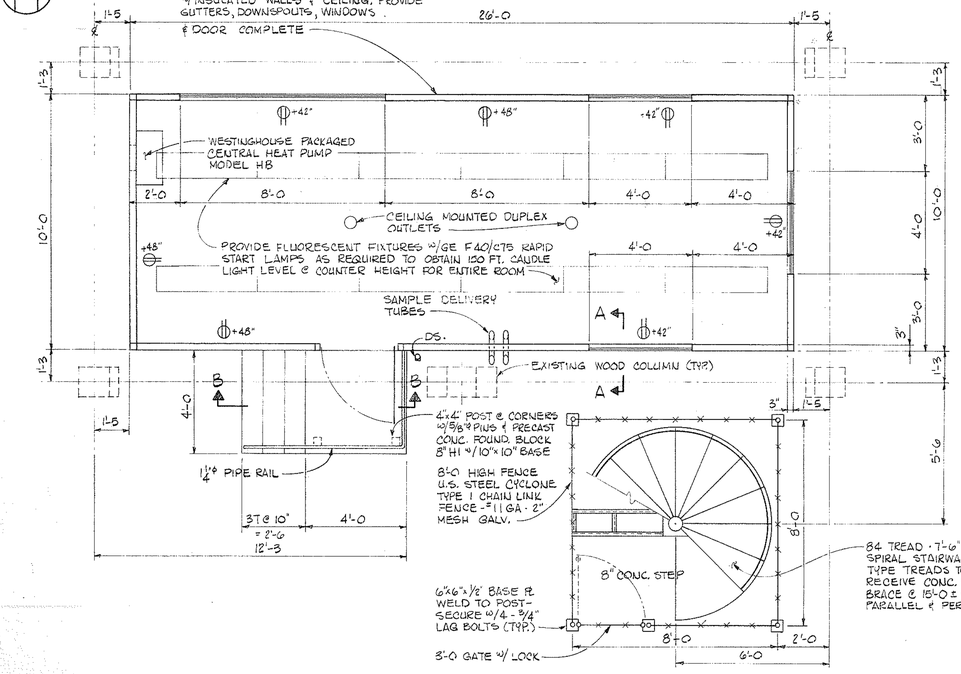
SECTION A-A 3/4"=1'-0



SECTION B-B 3/4"=1'-0



DETAIL # 1 1½"=1'-0



FLOOR PLAN 3/8"=1'-0

10/8/75
Brian
O.B.H.

OCT 3 1975

KENNETH F. PACQUER STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER

CONTINENTAL GRAIN CO.
LONGVIEW, WASHINGTON

PLANS, SECTIONS & DETAILS
SAMPLING LABORATORY

MARSHALL, BARR & PACQUER
915 LLOYD BUILDING
SEATTLE, WASHINGTON 98101
MB CONSULTING ENGINEERS

JOB NO.	
1357	
DRAWN	TRACED
LWC	BRIAN
CHECKED	DATE
LWC	3 OCT 75
SCALE	
AS NOTED	
DWG. NO.	ISSUE
1	A

A REDRAWN - BRIAN - 10/2/75

DIETZGEN POST 21128.003 2000 9/72

DRAWING NUMBER B352

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REVISION NUMBER 07348

DRAWING NUMBER

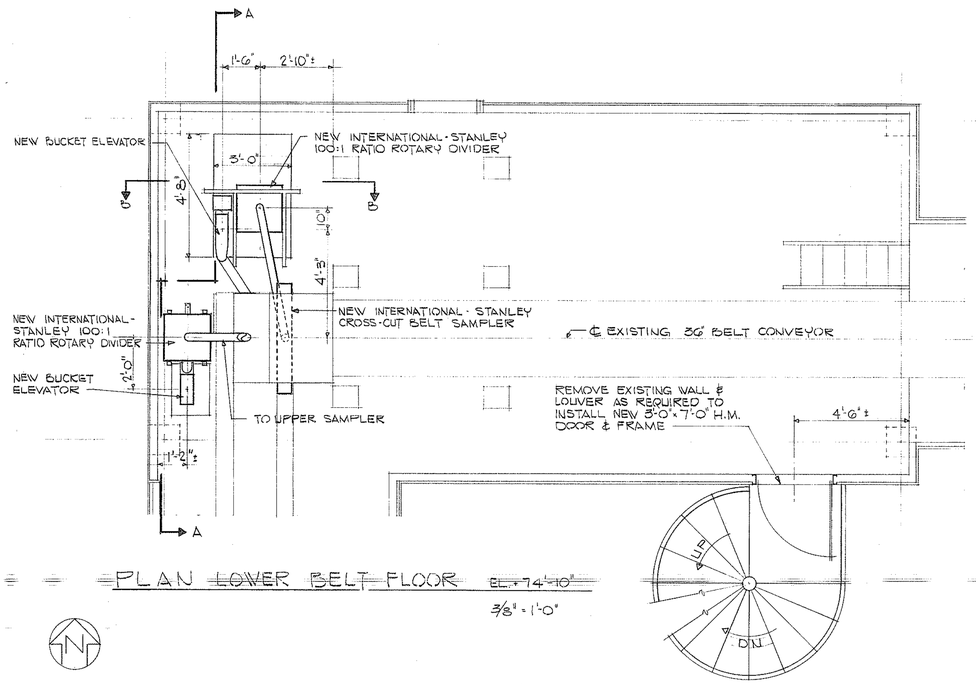
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REVISION NUMBER 07348

DRAWING NUMBER

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REVISION NUMBER 07348

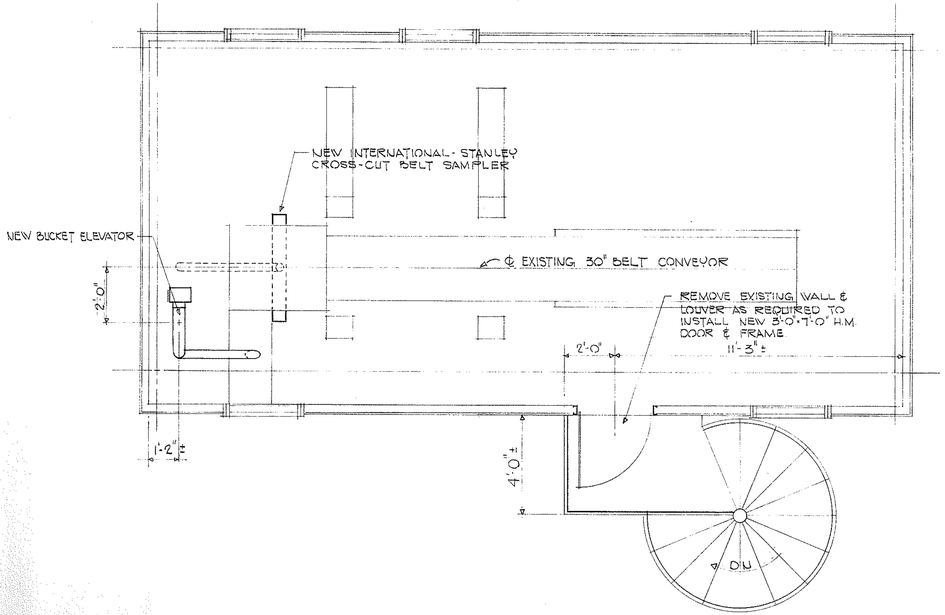
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PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REVISION NUMBER 07348

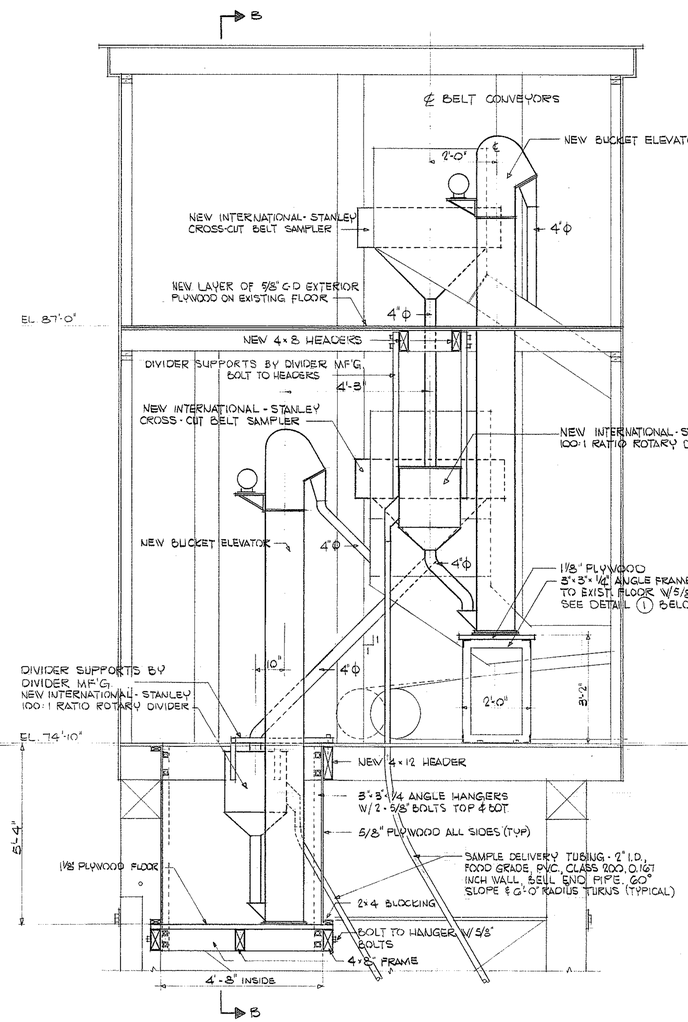


PLAN LOWER BELT FLOOR EL. +74'-10"

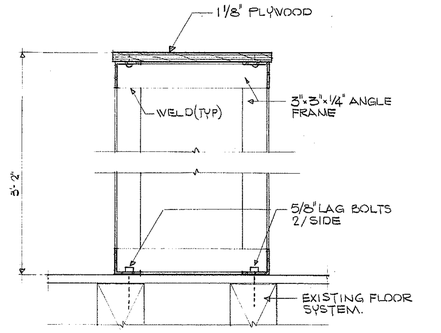
3/8" = 1'-0"



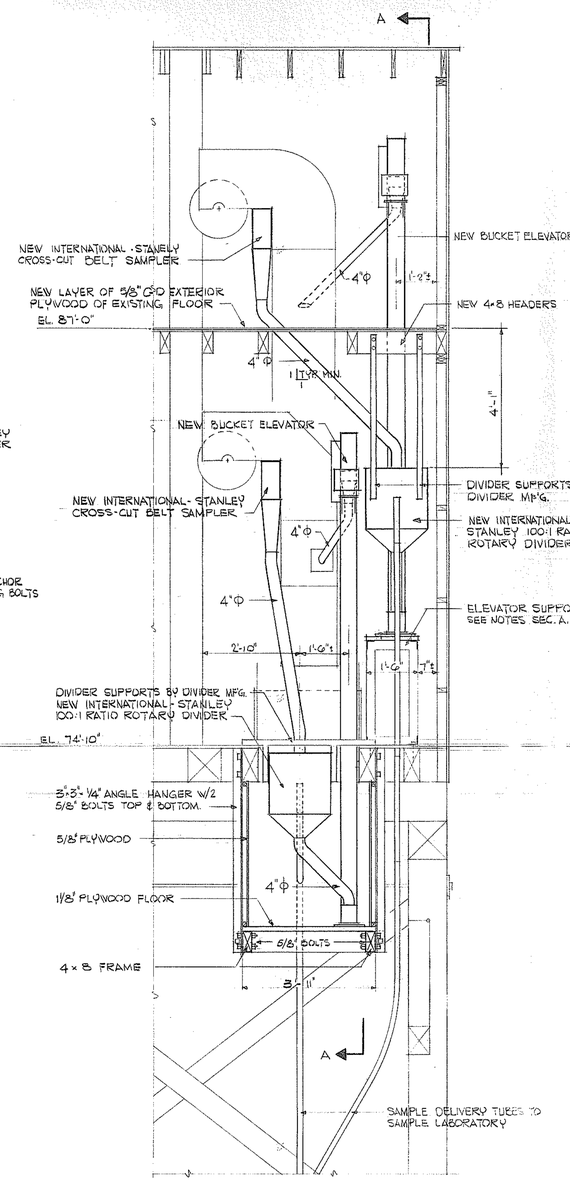
PLAN UPPER BELT FLOOR EL. +87'-0" 3/8" = 1'-0"



SECTION A-A 1/2" = 1'-0"



(1) DETAIL ELEVATOR SUPPORT 1 1/2" = 1'-0"



SECTION B-B 1/2" = 1'-0"

OCT 8 1975

CONTINENTAL GRAIN CO.

LONGVIEW WASHINGTON

BELT FLOORS PLANS & SECTIONS

JOB NO.	
1357	
DRAWN	TRACED
LWC	
CHECKED	DATE
LWC	8 MAY 75
SCALE	
AS NOTED	
DWG. NO.	ISSUE
2	A

KENNETH F. PACQUER STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER

MARSHALL, BARR & PACQUER
915 LLOYD BUILDING
SEATTLE, WASHINGTON 98101
MB CONSULTING ENGINEERS

DIETERICH POST 21128.003 2000 9/72

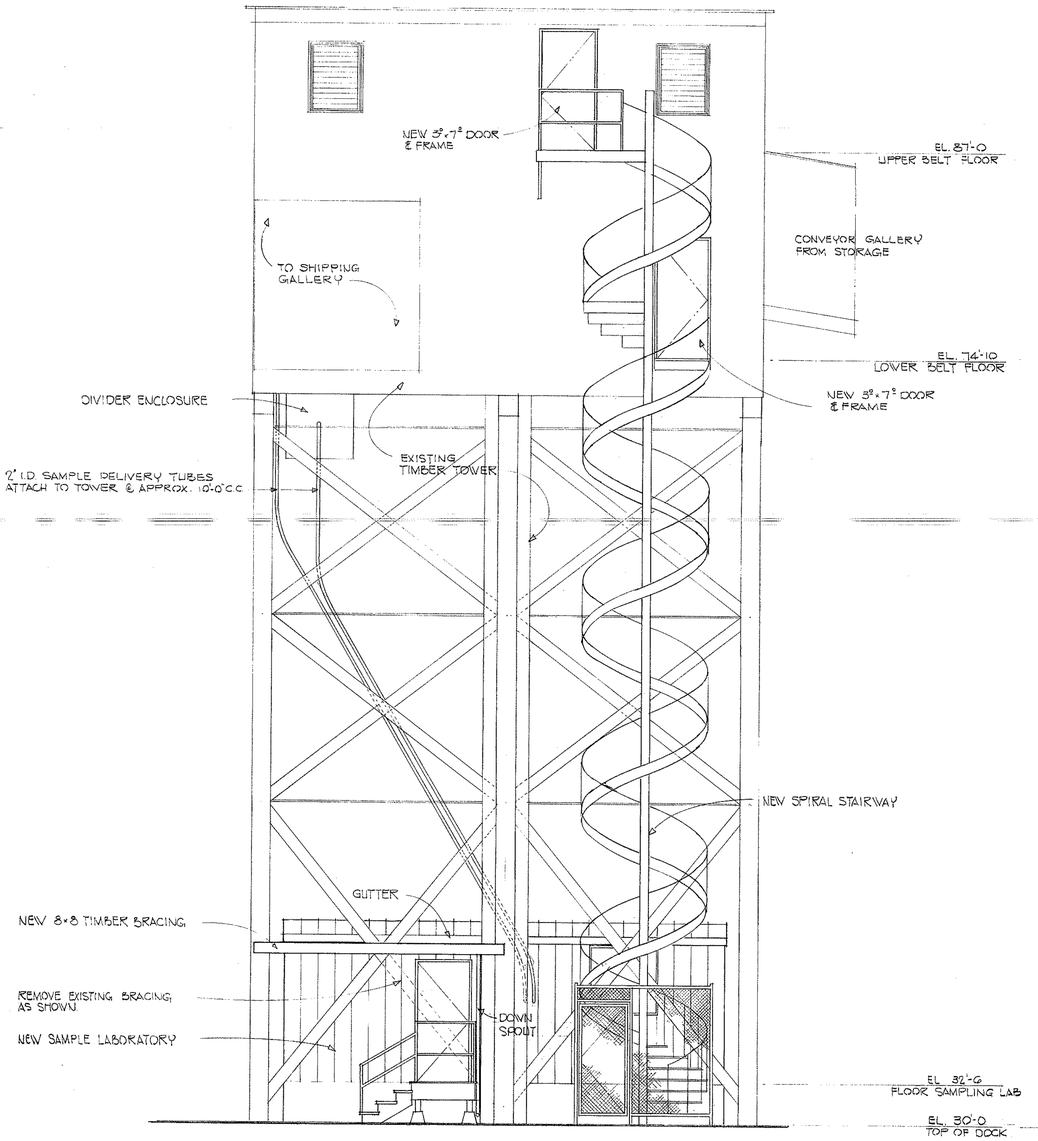
RELOCATE STAIR & SAMPLE [illegible] 8OCT75

DRAWING NUMBER B353
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 07341

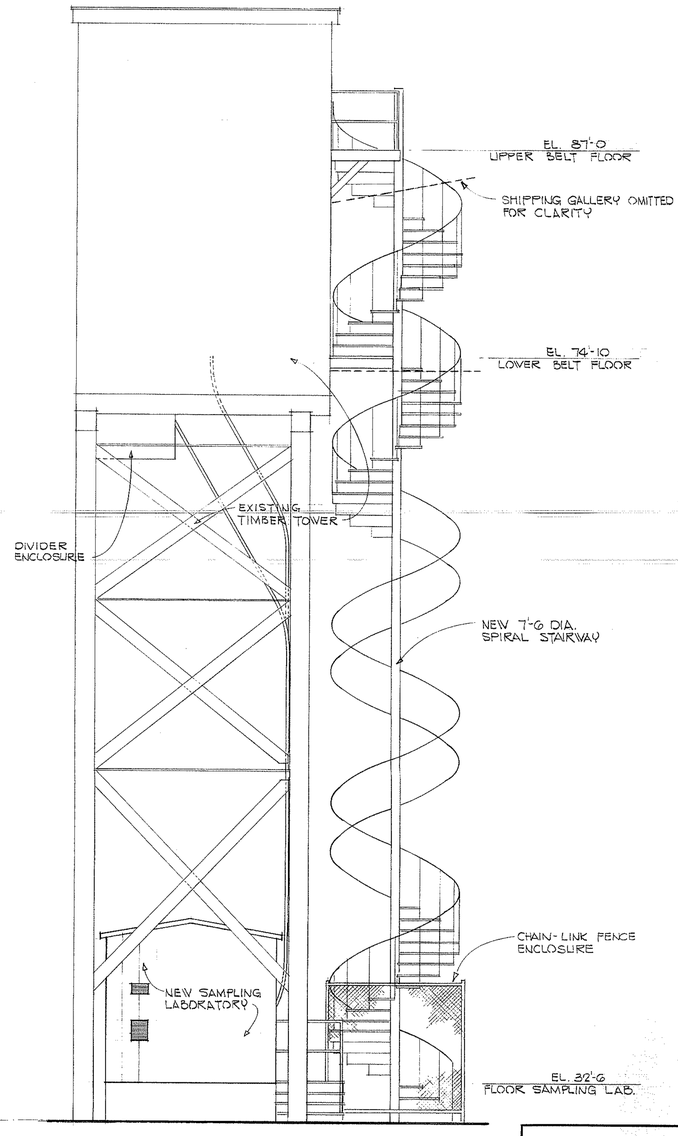
DRAWING NUMBER
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 07341

DRAWING NUMBER
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 07341

DRAWING NUMBER
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 07341



SOUTH ELEVATION TOWER 1"=1'-0"



WEST ELEVATION TOWER 1"=1'-0"

OCT 3 1975

KENNETH F. PACQUER STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER

CONTINENTAL GRAIN CO.
LONGVIEW WASHINGTON

ELEVATIONS

MARSHALL, BARR & PACQUER
915 LLOYD BUILDING
SEATTLE, WASHINGTON 98101
MB CONSULTING ENGINEERS

JOB NO.	
1357	
DRAWN	TRACED
LWC	
CHECKED	DATE
LWC	30CT75
SCALE	
AS NOTED	
DWG. NO.	ISSUE
3	A

REDRAWN 30CT75 LWC

DIETERICH POST 21120.003 2000 9/72

DRAWING NUMBER B 355

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA

DRAWING NUMBER

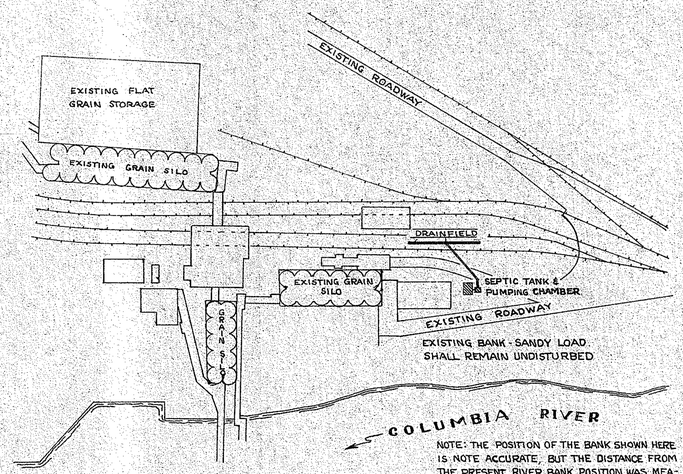
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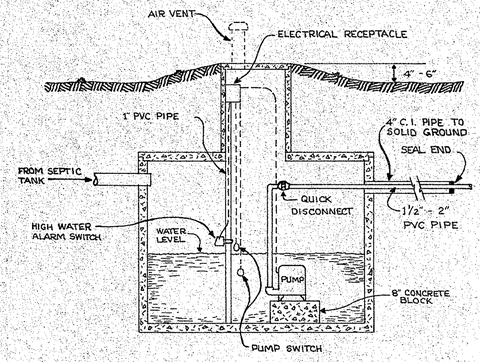
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA

DRAWING NUMBER

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA



SITE PLAN AND SYSTEM LAYOUT



CROSS SECTION OF PUMPING CHAMBER

SPECIFICATIONS FOR PRESSURE INJECTION SYSTEMS IN NATURAL SOILS

I DISTRIBUTION LINE

A. DIAMETER - 1.0 INCH
B. LENGTH - 76.0 FEET
C. NUMBER - 1
D. DISTRIBUTION LINE SHALL FOLLOW SLOPE CONTOURS AND BE LEVEL
E. 30.0 INCHES BETWEEN HOLES
F. 0.25 INCH HOLES ON THE BOTTOM OF THE LINE
G. DISTRIBUTION LINE TO RUN IN THE MIDDLE OF THE TRENCH
H. THE BOTTOM OF THE DISTRIBUTION LINE TO BE 4.0 INCHES ABOVE THE BOTTOM OF THE GRAVEL
I. SCHEDULE 40 PVC PIPE TO BE USED
J. ENDS OF PIPE TO BE SECURELY CAPPED
K. TRANSMISSION LINE TO BE MANIFOLDED TO THE CENTER OF THE DISTRIBUTION LINE

II TRENCHS

A. WIDTH - 3.0 FEET
B. DEPTH - 2.0 FEET
C. LENGTH - 78.0 FEET
D. DEPTH OF GRAVEL - 12.0 INCHES
E. DEPTH OF COVER - 17 INCHES
F. SIDES AND BOTTOMS TO BE SCARRED BY A RAKE IMMEDIATELY BEFORE THE DISTRIBUTION LINES ARE PLACED THEREIN

III TRANSMISSION LINE

A. 2.0 INCHES DIAMETER, SOLID, SCHEDULE 40 PVC PIPE
B. MANIFOLDED TO CENTER OF THE DISTRIBUTION LINE

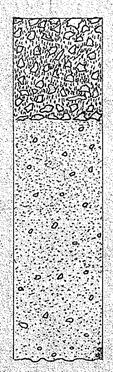
IV PUMPING CHAMBER

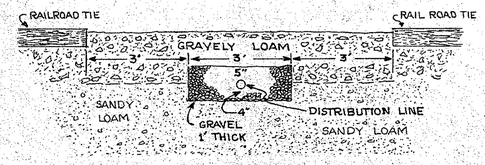
A. CAPACITY - 750 GALLON
B. SEE CROSS SECTION DRAWING

V EQUIPMENT

A. SWITCH - MEYERS AWS-1 (OR EQUIVALENT)
B. ALARM - 61487 BARNES (OR EQUIVALENT)
C. PUMP - KERCO MODEL 84

SOIL LOG FROM THE DRAINFIELD SITE





CROSS SECTION VIEW OF DRAINFIELD

CONTINETAL GRAIN COMPANY, LONGVIEW WASHINGTON
1500 GALLON SEPTIC TANK DRAINFIELD SYSTEM

DENNIS AND HEDGES INC., P.O. BOX 659, KELSO WASH.
CONTACT PERSON: WILLIAM DENNIS, TELEPHONE 636-2820

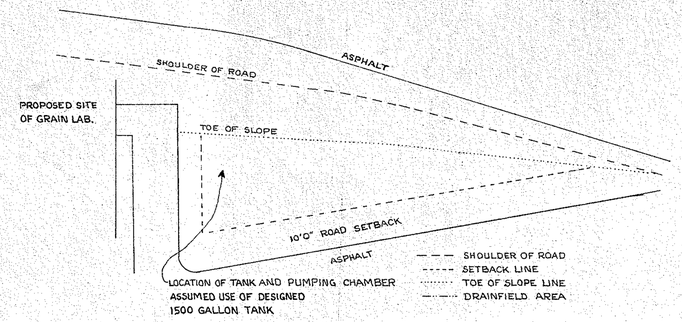
DATE: MARCH 10, 1978 | SCALE:

DRAWN BY: EZM | DRAWING NO. ____ | SHEET 2 OF 2

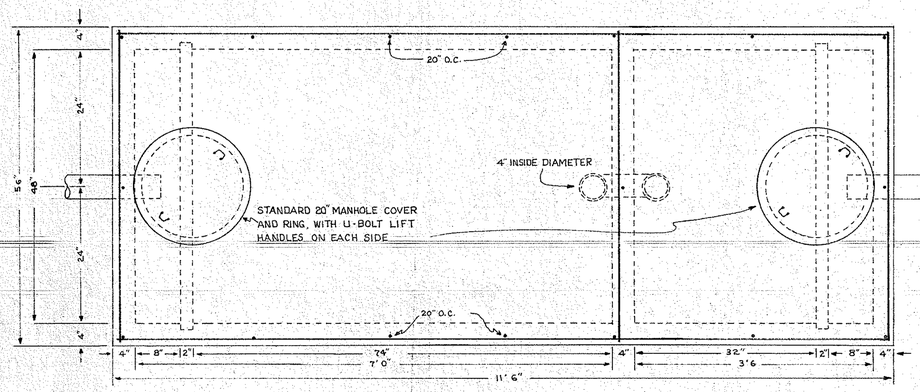
DRAWING NUMBER B354
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 07549

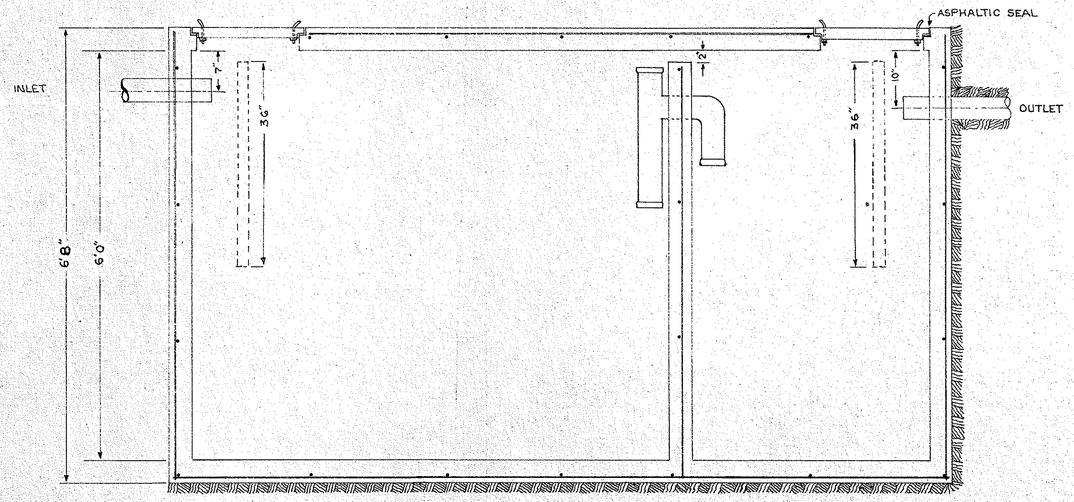
PLOT PLAN OF DRAINFIELD AND SEPTIC TANK LOCATION

SCALE: 1" = 20'



NOTE: A 1,000 GALLON SINGE COMPARTMENT SEPTIC TANK FOLLOWED IN SERIES BY A 500 GALLON OR LARGER SINGLE COMPARTMENT TANK MAY BE SUBSTITED FOR THE DESIGNED TANK IF AVAILABLE.





SPECIFICATIONS

OUTSIDE DIMENSIONS		INSIDE DIMENSIONS	
DEPTH	6'8"	DEPTH	6'0"
WIDTH	4'8"	WIDTH	4'0"
LENGTH	11'6"	LENGTH	10'10"

DIMENSION OF TOP, BOTTOM, ENDS AND SIDES IS TO BE FOUR (4") INCHS THICK

PARTITION

CENTER OF PARTITION TO BE SEVEN (7') FEET, TWO (2") INCHS FROM INSIDE WALL OF INLET PARTITION IS TO BE FOUR (4") INCHS THICK, OPENING BETWEEN COMPARTMENTS IS TO BE A TWO (2") INCH GAP BETWEEN TOP OF PARTITION AND INSIDE OF ROOF OF TANK PASSAGE BETWEEN COMPARTMENTS IS ACCOMPLISHED BY A FOUR (4") INCH SUBMERGED SANITARY TEE

BAFFLES

BAFFLES ARE TO BE LOCATED EIGHT (8") INCHS FROM ENDWALLS OF TANK, BAFFLES ARE TO BE TWO (2") IN WIDTH, WITH A VERTICAL DEPTH OF THIRTY-SIX (36") INCHS, AND ARE TO BE FITTED INTO PRE-FORMED SLOTS IN SIDEWALLS OF TANK.

IN-LET

IN-LET TO BE FOUR (4") INCHS INSIDE DIAMETER, WITH BOTTOM OF IN-LET TO BE LOCATED NINE (9") INCHS DOWN FROM INSIDE TOP OF TANK

OUT-LET

OUT-LET TO BE FOUR (4") INCH INSIDE DIAMETER, WITH BOTTOM OF OUT-LET TO BE LOCATED TWELVE (12") INCHS DOWN FROM INSIDE TOP OF TANK

MANHOLES

MANHOLES IS TO BE STANDARD TWENTY (20") INCHS DIAMETER LID AND RING, FITTED WITH U-BOLT LIFT HANDLES ON TWO SIDES. MANHOLES TO BE LOCATED IMMEDIATLY ADJACENT TO ENDS OF TANK

REINFORCING STEEL

REINFORCING STEEL TO BE ONE-HALF (½") INCH STANDARD RE-BAR, SET TWENTY-FOUR (24") INCHS ON CENTERS, UNLESS OTHERWISE NOTED. ALL RE-BAR TO BE TIED WITH CONSTRUCTION WIRE.

RE-BAR LIST

TOP OF TANK	BOTTOM OF TANK	BOTH SIDEWALLS
2 BARS 11'4"	3 BARS 11'4"	8 BARS 11'4"
1 BAR 7'4"	7 BARS 4'6"	14 BARS 6'6"
7 BARS 4'6"		

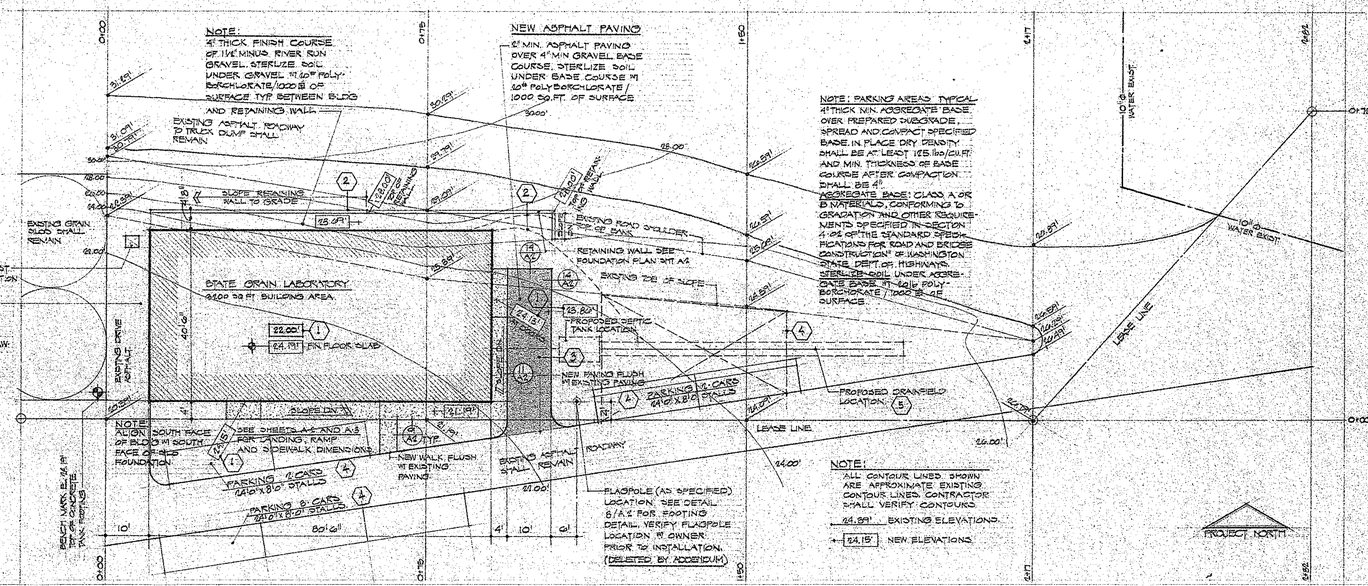
IN-LET WALL	OUTLET WALL	PARTITION
2 BARS 6'6"	2 BARS 6'6"	3 BARS 4'6"
1 BAR 3'4"	1 BAR 3'4"	1 BAR 3'4"
4 BARS 4'6"	4 BARS 4'6"	

APPROVED BY:

HEALTH DISTRICT OFFICER

CONTINENTAL GRAIN COMPANY, LONGVIEW WASHINGTON 1500 GALLON SEPTIC TANK DRAINFIELD SYSTEM		
DENNIS AND HEDGES INC., P.O. BOX 659, KELSO WASH. CONTACT PERSON: WILLIAM DENNIS, TELEPHONE 636-2820		
DATE : MARCH 10, 1978	SCALE:	
DRAWN BY: EEM	DRAWING NO ___	SHEET 1 OF 2

DRAWING NUMBER B356 PLAN HOLD CORPORATION • IRVINE, CALIFORNIA REORDER BY NUMBER ITEM#
DRAWING NUMBER PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
DRAWING NUMBER PLAN HOLD CORPORATION • IRVINE, CALIFORNIA REORDER BY NUMBER ITEM#
DRAWING NUMBER PLAN HOLD CORPORATION • IRVINE, CALIFORNIA REORDER BY NUMBER ITEM#

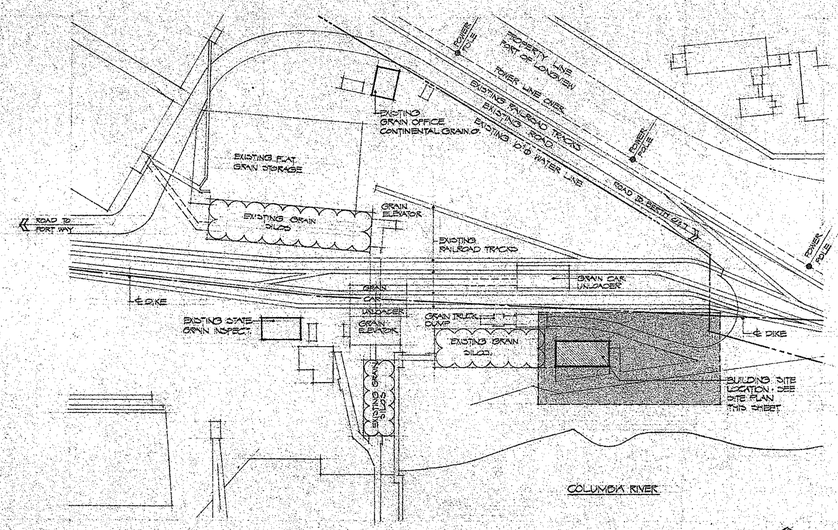


SITE PLAN

SCALE: 1"=10'

LEGAL DESCRIPTION

LY. OL. N°119. S53.575,44'S 1006.08'W, LSM. N°68 SET TP N/A, RK. NE COR. SEC. 8-7-1W. TH. S 41°49'10 E. 1415.81' TH. S 35°09'40 551.09' TH. N. 57°18.0 W. 1348.00' TH. N. 64°30.0W. 508.50' TH. N. 64° DEG. W 504.00' TH N 40° W. 43.50' TH. N. 54°05.0 E. 539' TH. S. 50°53.42 E. 1115.50' TH N. 31°07.0 E. 1035.87' TO POB. 41.05 AC.



VICINITY MAP

SCALE: 1"=100'

CODE REVIEW

GENERAL

BUILDING CODE: UNIFORM BUILDING CODE - 1973 EDITION
ORDINANCE: CITY OF LONGVIEW MUNICIPAL CODE TITLE 17: ZONING
FIRE ZONE: III
USE ZONE: M-1
OCCUPANCY CLASSIFICATION: B-2
CONSTRUCTION CLASSIFICATION: TYPE 2-N

ALLOWABLE AREA

BASIC ALLOWABLE AREA	9000 SF
INCREASE 66⅔% FOR FIRE ZONE 3	6000 SF
TOTAL ALLOWABLE AREA	9000 SF
PROPOSED BUILDING AREA	9400 SF

EXIT REQUIREMENTS

OFFICE 924.44 SF ÷ 100 SF/PERSON = 9.24 PEOPLE
DINING 2967 SF ÷ 15 SF/PERSON = 197.8 PEOPLE
STORAGE 91.5 SF ÷ 200 SF/PERSON = 3.05 PEOPLE
44.015 PEOPLE TOTAL
2 EXITS REQ'D

LEGEND TO SYMBOLS

- (1) REFERENCE TO DOOR SCHEDULE
- F-1 REFERENCE TO ROOM FINISH SCHEDULE
- A REFERENCE TO WINDOW SCHEDULE
- (1) REFERENCE TO EXTERIOR FINISH CODE
- ELEV. N° / SHT. N° REFERENCE TO INTERIOR ELEVATIONS
- DETAIL N° / SHT. N° REFERENCE TO DETAILS
- SECTION / SHT. N° REFERENCE TO BUILDING SECTIONS

INDEX TO DRAWINGS

A-1 SITE PLAN - CODE REVIEW - INDEX TO DRAWINGS - LEGEND TO SYMBOLS
A-2 FOUNDATION PLAN - FOOTING DETAILS - ROOF FRAMING PLAN - DETAILS
A-3 FLOOR PLAN
A-4 DOOR SCHEDULE - ROOM FINISH SCHEDULE - WINDOW SCHEDULE - KEYING PLAN - INTERIOR ELEVATIONS
A-5 CABINET ELEVATIONS
A-6 INTERIOR ELEVATIONS - CABINET DETAILS - DOOR DETAILS
A-7 CROSS SECTIONS - WINDOW DETAILS - FRAMING DETAILS
A-8 EXTERIOR ELEVATIONS - REFLECTED CEILING PLAN - DETAILS
MECHANICAL
M-1 SITE PLAN, PLUMBING FIXTURE SCHEDULE FLOOR PLAN PLUMBING
M-2 FLOOR PLAN, HVAC
ELECTRICAL
E-1 SITE PLAN
E-2 FLOOR PLAN, LIGHTING
E-3 FLOOR PLAN, POWER

REVISIONS — APRIL 20, 1978.

1. REVISE FINISH FLOOR SLAB ELEV. TO ELEV. 25.00'. REVISE ELEV. OF INTERIOR WALKS TO MAINTAIN LOYOS RELATIONSHIP.
2. DELETE CONC. RETAINING WALL & GUARD RAILING. REVISE EXTERIOR GRADE AS INDICATED. DELETE GRAVEL SURFACING INDICATED BETWEEN BLDG. & RETAINING WALL. SLOPE FINISH GRADE OF BLDG. WALL AWAY FROM BLDG.
3. DELETE ASPHALTIC CONC. PAVING @ DRIVE & REPLACE W/ GRAVEL SURFACING NOTED FOR PARKING AREAS.
4. DELETE PARKING AREAS SHOWN & PROVIDE GRAVEL SURFACING IN THEN AREA INDICATED FOR FIVE CARS.
5. THIS AREA WILL NOT BE USED FOR SEPTIC DRAINFIELD.

CONSULTING ENGINEERS
MECHANICAL ENGINEERING INC
ELECTRICAL
LANGTON, MERLO AND ASSOC
WADE, IN MAXEY AND ASSOC
1806 OLYMPIA WAY
LONGVIEW, WASHINGTON 98632
TELEPHONE 360-636-0700

SHT. NO
DRAWN BY
CHK'D
DATE 6/2/78
REVISED

REGISTERED PROFESSIONAL ENGINEER
STATE OF WASHINGTON

STATE GRAIN LABORATORY
CONTINENTAL GRAIN COMPANY
PORT OF LONGVIEW
LONGVIEW, WASHINGTON

SHEET A-1 OF EIGHT SHEETS

DRAWING NUMBER B357

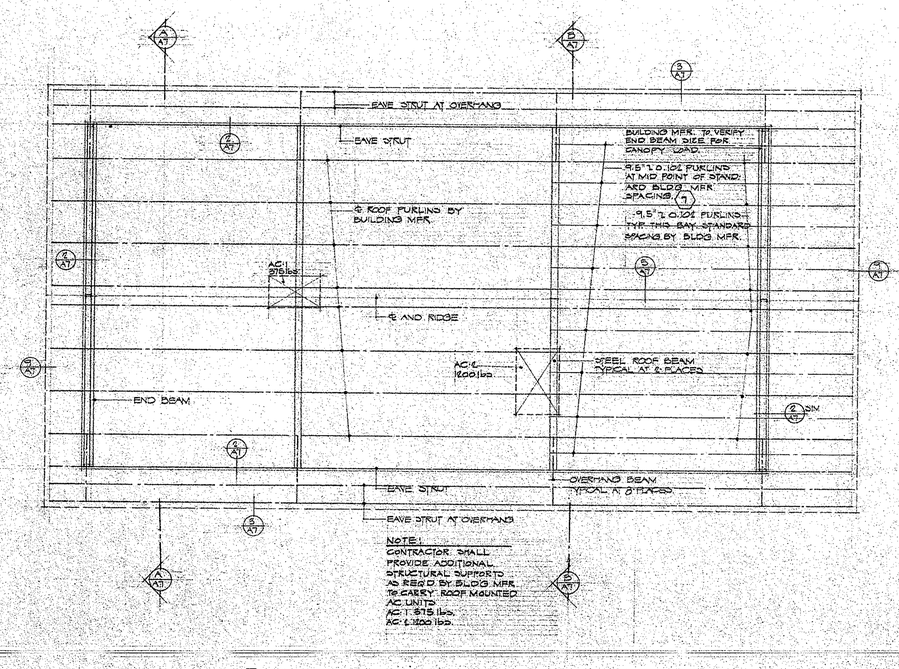
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REORDER BY NUMBER B357

DRAWING NUMBER

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REORDER BY NUMBER B357

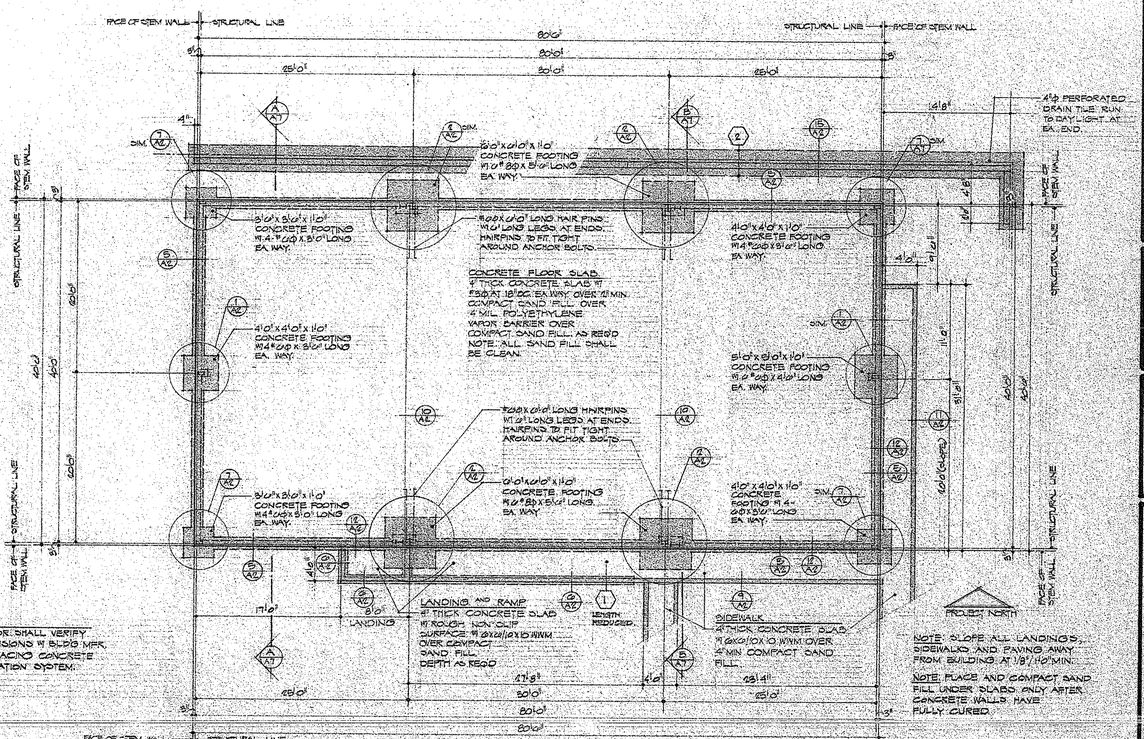
DRAWING NUMBER

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REORDER BY NUMBER B357



NOTE:
CONTRACTOR SHALL PROVIDE ADDITIONAL STRUCTURAL SUPPORTS AS REQ'D BY BLDG MFR. TO CARRY ROOF MOUNTED AC UNITS.
AC-1: 1,875 lbs.
AC-6: 1,200 lbs.

ROOF FRAMING PLAN (6)
SCALE: 1/8"=1'-0"

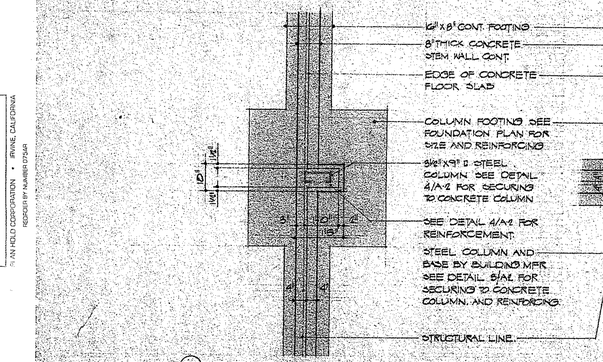


NOTE:
CONTRACTOR SHALL VERIFY ALL DIMENSIONS W/ BLDG MFR. PRIOR TO PLACING CONCRETE FOR FOUNDATION SYSTEM.

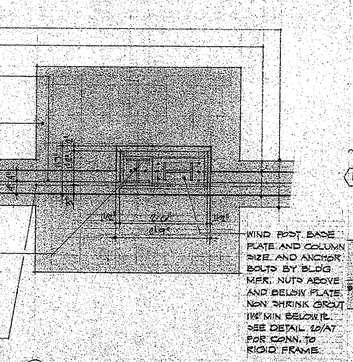
NOTE: SLOPE ALL LANDINGS, SIDEWALKS AND PAVING AWAY FROM BUILDING AT 1/8" / 1'-0" MIN.

NOTE: PLACE AND COMPACT SAND FILL UNDER SLABS ONLY AFTER CONCRETE WALLS HAVE FULLY CURED.

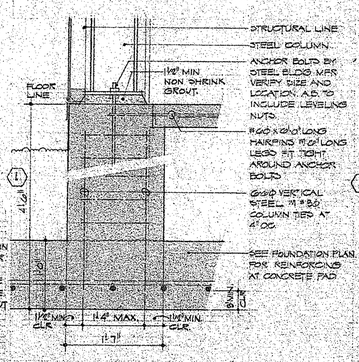
FOUNDATION PLAN (6)
SCALE: 1/8"=1'-0"



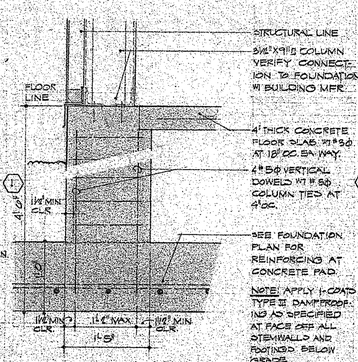
(1) END WALL COLUMN PLAN
SCALE: 1/2"=1'-0"



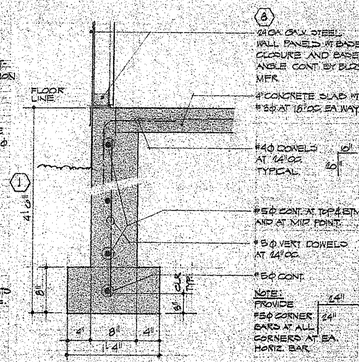
(2) STEEL COLUMN PLAN
SCALE: 1/2"=1'-0"



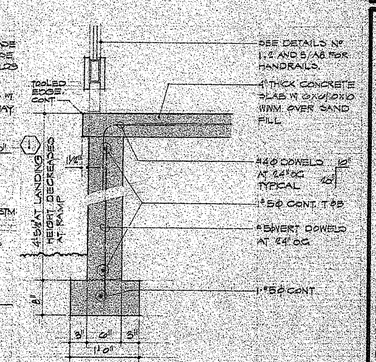
(3) FOOTING AT STEEL COLUMN
SCALE: 1"=1'-0"



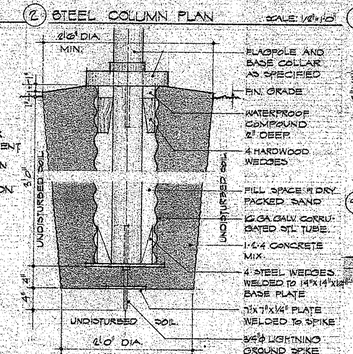
(4) FOOTING AT END WALL COLUMNS
SCALE: 1"=1'-0"



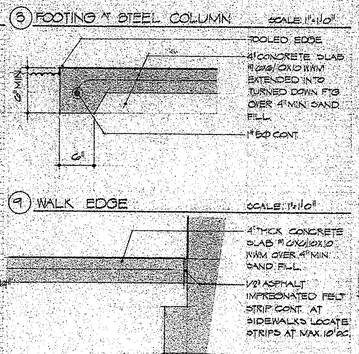
(5) TYPICAL FOOTING
SCALE: 1"=1'-0"



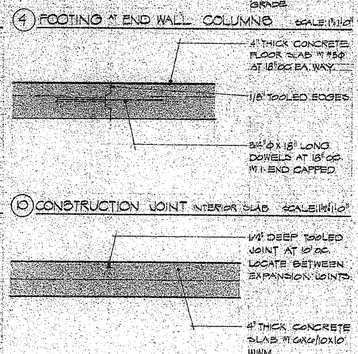
(6) FOOTING AT LANDING AND RAMP
SCALE: 1"=1'-0"



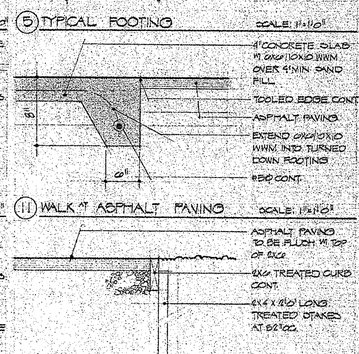
(8) FLAGPOLE FOOTING
SCALE: 1"=1'-0"



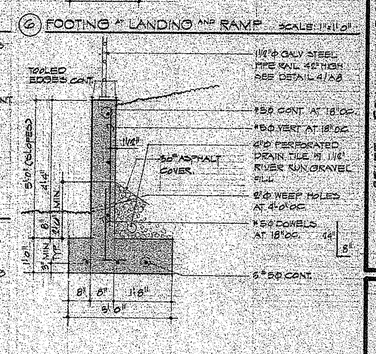
(9) WALK EDGE
SCALE: 1"=1'-0"



(10) CONSTRUCTION JOINT INTERIOR SLAB
SCALE: 1"=1'-0"



(11) WALK AT ASPHALT PAVING
SCALE: 1"=1'-0"



(12) WALK AT FOUNDATION WALL
SCALE: 1"=1'-0"

(13) CONSTRUCTION JOINT EXTERIOR WALKS
SCALE: 1"=1'-0"

(14) ASPHALT PAVING EDGE
SCALE: 1"=1'-0"

(15) RETAINING WALL (2) (14)
SCALE: 1/2"=1'-0"

REVISIONS
1 ADD DETAILS 4 & 5/A1 APRIL '10 SPMS
2 ADD DETAILS 1, 2 & 3/A1 SEE REVISION SHEET A1 SPMS
3 REVISE FOUNDATION & FLOOR FRAMING PLANS PER MFR MAY '10 SPMS
4 REVISE FOUNDATION PLAN PER ADDENDUM #1 JUNE '10 SPMS
5 CHANGE ALL TYPE EMBEDMENTS TO 3'-0" DELETE INTERSECTION PLAN NOTE PER ADDENDUM #1 JUNE '10 SPMS
6 REVISE INTERIOR WALL SYSTEM TO 20 GA STUDS W/ GYP BOARD @ INTERIOR FACES JULY '10 SPMS
7 REVISE RETAINING WALL SYSTEM TO 20 GA STUDS W/ GYP BOARD @ INTERIOR FACES JULY '10 SPMS

DRAWN BY: DMD
DATE: 12/28/18

REGISTERED ARCHITECT
JAMES W. MAHEY
STATE OF WASHINGTON

ARCHITECT
JAMES W. MAHEY AND ASSOC
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LONGVIEW, WASHINGTON 98632
TELEPHONE 360-636-0818

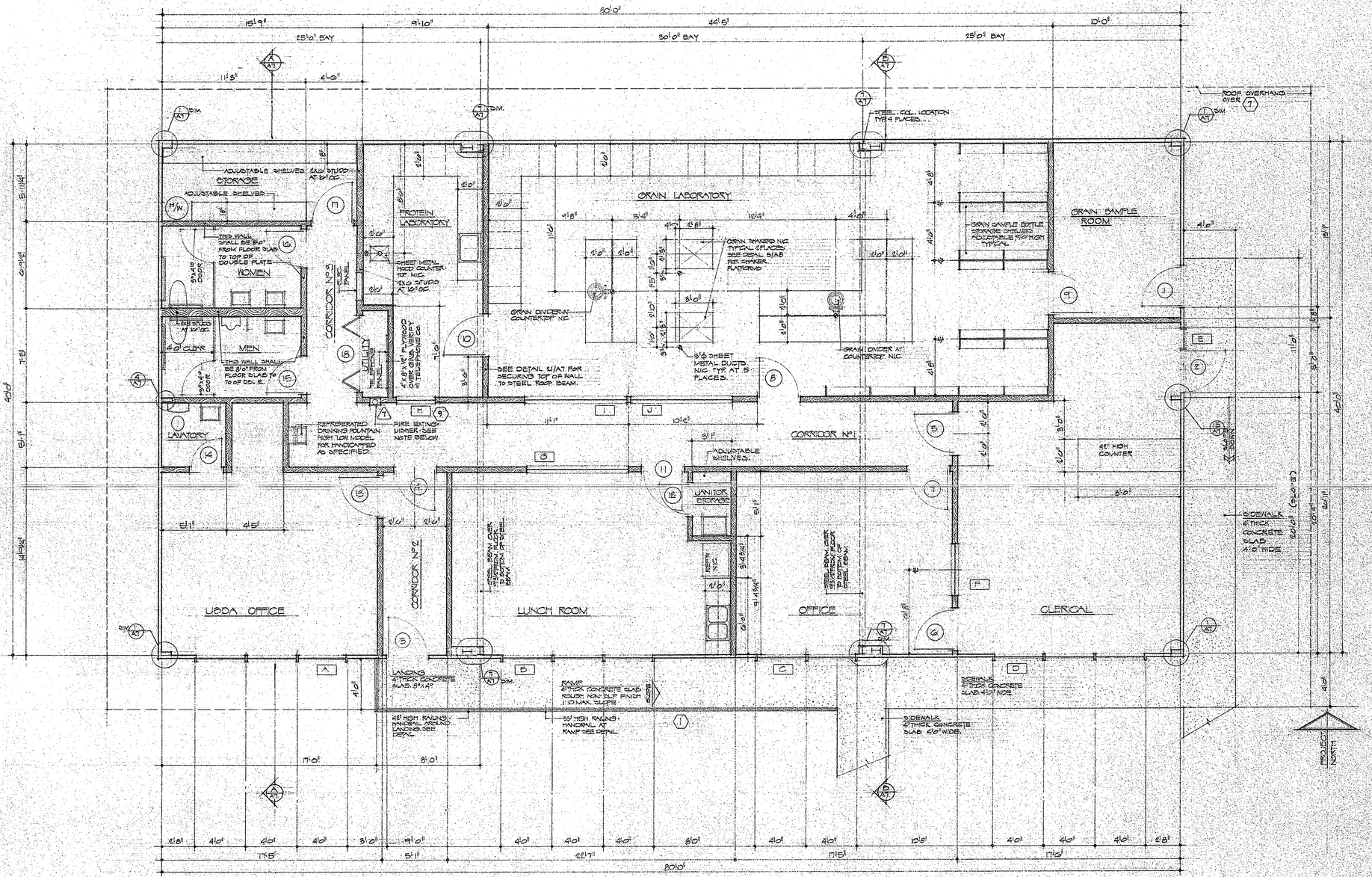
STATE GRAIN LABORATORY
STATE OF WASHINGTON
CONTINENTAL GRAIN COMPANY
PORT OF LONGVIEW
LONGVIEW, WASHINGTON

SHEET
A-2
OF EIGHT SHEETS

DRAWING NUMBER
B358
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REORDER BY NUMBER ONLY



FLOOR PLAN

NOTE:

1. ALL EXTERIOR DIMENSIONS ARE FROM STRUCTURAL LINE TO STRUCTURAL LINE. ALL EXTERIOR GLAZING DIMENSIONS ARE CENTER TO CENTER.
2. ALL INTERIOR DIMENSIONS ARE TO FACE OF STUDS.
3. 2X4 HORIZONTAL FIRESTOPS AT 8'-0" FROM FLOOR TYPICAL AT ALL INTERIOR PARTITIONS. NOTE: 4X8 AT 2X8 STUD WALL.
4. PLASTIC SNAP CAPS SHALL BE USED AT ALL RIBS OF SIDING, AS MANUFACTURED BY BLDG MFR., WHERE GWB IS TO BE SECURED. SNAP CAPS HOLD INSUL. IN PLACE AND SHALL EXTEND FULL HEIGHT OF RIB. SECURE GWB. TO RIBS W/ CADMIUM PLATED SHEETROCK SCREWS.
5. ALL STUD WALLS SHALL BE 9'-8 1/4" FROM FLOOR SLAB TO TOP OF DOUBLE PLATE UNLESS OTHERWISE INDICATED ON FLOOR PLAN.
6. PROVIDE 2X4 BRACING BETWEEN WALLS PARALLEL TO CORRIDOR N°1 AND WALLS PARALLEL TO CORRIDOR N°4. BRACING SHALL BE LOCATED AT 4'-0" O.C. AND SECURED TO TOP OF PLATES AT EA. WALL W/ SIMPSON H1 TIES.

(1) 2A. 7B. CLASS, DRY CHEMICAL FIRE EXTINGUISHER SHALL BE "LARSEN'S MPID "10 lb CAPACITY W/ "LARSEN'S" FULL GLASS DOOR, SEMI-RECESSED STEEL CABINET W/ BAKED-ON #1 6/16" ROLLED EDGE W/ 2 COATS SEMI-GLOSS ENAMEL, OR APPROVED.

REVISIONS:
SEE REVISIONS SHEET A-1
SEE REVISIONS SHEET A-2
DELETE WINDOW TYPE H. CHANGE TRANDS 4 FRAMES SPECIFIED.

APRIL 20 1978

DRAWN BY: DJD
DATE: 06/03/78

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TELEPHONE 360 636-1010

STATE GRAIN LABORATORY STATE OF WASHINGTON
CONTINENTAL GRAIN COMPANY
PORT OF LONGVIEW
LONGVIEW, WASHINGTON

SHEET
A-3
OF EIGHT SHEETS

DRAWING NUMBER B359

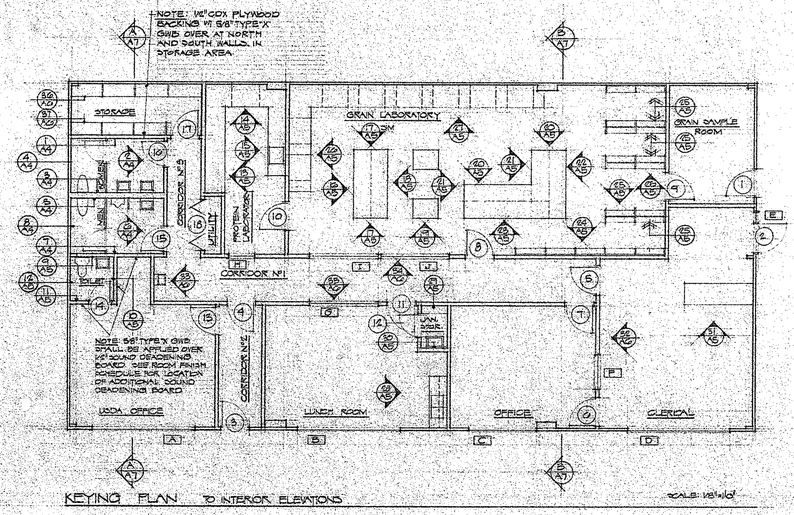
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA

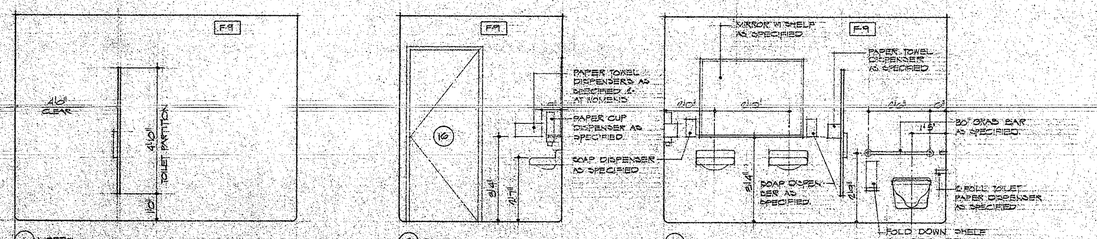
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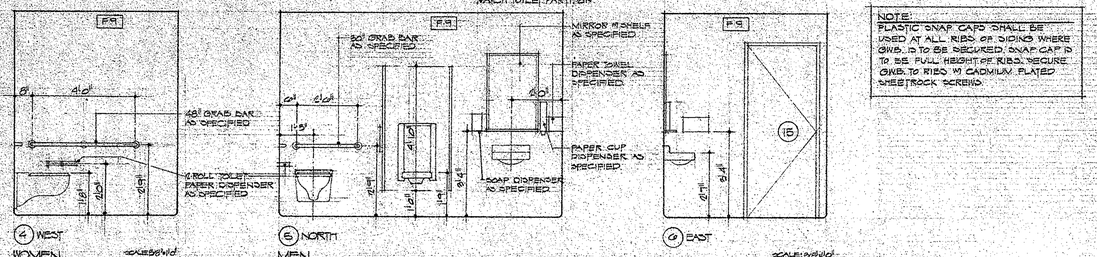
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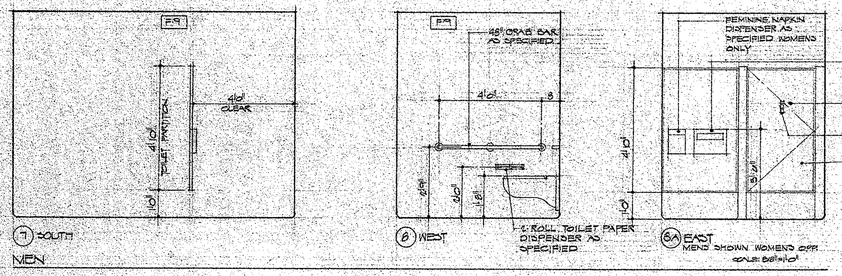
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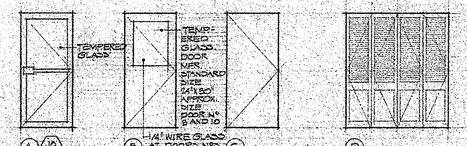


NOTE:
PLASTIC SNAP CAPS SHALL BE USED AT ALL RIBS OR SIDING WHERE GWB. IS TO BE SECURED. SNAP CAP IS TO BE FULL HEIGHT OF RIBS. SECURE GWB. TO RIBS W/ CADMIUM PLATED SHEETROCK SCREWS



DOOR SCHEDULE

NO	LOCATION FROM	LOCATION TO	SIZE WIDTH	SIZE HGT	SIZE THK	DOOR TYPE	DOOR DESCRIPTION	DOOR FINISH	FRAME MATL	FRAME FINISH	REMARKS
(16) 1	EXTERIOR	SAMPLE GRAIN RM.	3'0"	7'0"	1 3/4"	C	HOLLOW METAL	PAINT	2"x6 3/4" H.M.	PAINT	DOOR AND FRAME BY BLDG MFR. HARDWARE AS SPECIFIED
(16) 2	EXTERIOR	CLERICAL	3'4"	7'0"	MFR.	A	ALUM. NARROW STILE	MFR.	2"x4 1/2" ALUM.	MFR.	DOOR, FRAME AND HARDWARE BY BLDG MFR. AS SPECIFIED. TEMP. GLASS
(16) (15) 3	EXTERIOR	CORRIDOR N°2	3'0"	7'0"	1 3/4"	B	HOLLOW METAL	PAINT	2"x5 3/4" H.M.	PAINT	DOOR AND FRAME BY BLDG MFR. HARDWARE AS SPECIFIED. TEMP. GLASS
(16) (15) 4	CORRIDOR N°2	CORRIDOR N°1	3'0"	6'8"	1 3/4"	B	SOLID CORE BIRCH VENEER	STAIN	2"x5 3/4" H.M.	PAINT	20 MIN. FIRE RATING - 1/4" WIRE GLASS
5	CLERICAL	CORRIDOR N°1	3'0"	6'8"	1 3/4"	B					20 MIN. FIRE RATING - 1/4" WIRE GLASS
6	CLERICAL	OFFICE	3'0"	6'8"	1 3/4"	C					
7	CORRIDOR N°1	OFFICE	3'0"	6'8"	1 3/4"	C					20 MIN. FIRE RATING - 1/4" WIRE GLASS
(15) 8	CORRIDOR N°1	GRAIN LABORATORY	3'0"	6'8"	1 3/4"	B					20 MIN. FIRE RATING
9	GRAIN LABORATORY	SAMPLE GRAIN RM.	3'0"	6'8"	1 3/4"	C					
10	GRAIN LABORATORY	PROTEIN LAB.	3'0"	6'8"	1 3/4"	B					TEMPERED GLASS
(13) 11	CORRIDOR N°1	LUNCH ROOM	3'0"	6'8"	1 3/4"	B	SOLID CORE BIRCH VENEER				20 MIN. FIRE RATING - 1/4" WIRE GLASS
12	LUNCH ROOM	JANITOR STORAGE	2'-4"	6'8"	1 3/8"	C	HOLLOW CORE BIRCH VENEER				DOOR SIGN AS SPECIFIED "JANITOR"
13	CORRIDOR N°2	USDA OFFICE	3'0"	6'8"	1 3/4"	C	SOLID CORE BIRCH VENEER		2"x 5 3/4" H.M.		20 MIN. FIRE RATING
14	USDA OFFICE	LAVATORY	2'-4"	6'8"	1 3/4"	C			2"x 6 3/4" H.M.		
(16) 15	CORRIDOR N°3	MEN	2'8"	6'8"	1 3/4"	C			2"x 6 3/4" H.M.		DOOR SIGN AS SPECIFIED "MEN"
16	CORRIDOR N°3	WOMEN	2'8"	6'8"	1 3/4"	C	SOLID CORE BIRCH VENEER		2"x 6 3/4" H.M.		DOOR SIGN AS SPECIFIED "WOMEN"
17	CORRIDOR N°3	STORAGE ROOM	3'0"	6'8"	1 3/8"	C	SOLID CORE BIRCH VENEER		2"x 6 3/4" H.M.	PAINT	
(15) 18	CORRIDOR N°3	UTILITY	2'0"	6'8"	1 1/8"	D	LOUVERED* WOOD BI-FOLD	STAIN	3'4" x 6 5/4" O.F.	STAIN	* SEE DOOR TYPES FOR LOUVERS. DOOR SIGN AS SPECIFIED "UTILITY" SHALL BE LOCATED AT WALL OVER DOOR AND SHALL BE CENTERED W/ BI-FOLD DOOR



(12) DELETE ALL METAL FRAMES & ALL INTERIOR DOORS & REPLACE W/ STD. PREHUNG - PREFINISHED W.BOOD SYSTEM W/ STD. WOOD SANITARY TRIM & STD HARDWARE PACKAGE. REFER TO GLOSSARY, DOOR, CORE & PAINTS SYSTEM GROUP W/ SPECIFIED.

(15) SYMBOL DOOR TYPE FROM DOORS 5 & 11 TO DOOR TYPE C

NOTE:
SEE SPECIFICATIONS FOR COMPLETE FINISH REQUIRED FOR DOORS AND FRAMES.
SEE SPECIFICATIONS FOR HARDWARE SCHEDULED FOR DOORS.

ROOM FINISH SCHEDULE

ROOM	FLOOR FINISH	FLOOR BASE	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING FINISH	CEILING HGT.	REMARKS
CLERICAL	F-5	F4/F10	F-7	F-9	F-7	F-7	F-10 *	9'-0"	
CORRIDOR N°1	F-6	F-4	F-7	F-7	F-7	F-9	F-10 *	8'0"	* HR SUSPENDED CEILING AS SPECIFIED
OFFICE	F-5	F4/F10	F-7	F-7	F-7	F-7	F-10	9'0"	* HR SUSPENDED CEILING AS SPECIFIED.
LUNCH ROOM	F-12	F4/F10	F-7	F-8	F-7	F-7	F-10	9'0"	
CORRIDOR N°2	F-6	F-4	F-7	F-7	F-7	F-7	F-10 *	8'0"	* HR SUSPENDED CEILING AS SPECIFIED.
USDA OFFICE	F-12	F4/F10	F-7 *	F-7	F-7	F-7 *	F-10	9'0"	* 5/8" TYPE X GWB OVER 1/2" SOUND DEADENING BOARD. SEE KEYING PLAN.
USDA LAVATORY	F-11	F-4	F-9 *	F-9 *	F-9 *	F-9	F-8	8'0"	* 5/8" TYPE X GWD OVER 1/2" SOUND DEADENING BOARD.
MEN	F-1	F-4	F-9 *	F-9 *	F-9 *	F-9	F-8	8'0"	* 5/8" TYPE X GWB OVER 1/2" SOUND DEADENING BOARD
WOMEN	F-1	F-4	F-9 *	F-9 *	F-9 *	F-9	F-8	8'0"	* 5/8" TYPE X GWB OVER 1/2" SOUND DEADENING BOARD
STORAGE ROOM	F-6	F-4	F-1 **	F-7	F-1 **	F-7	F-7	8'0"	** 5/8" TYPE X GWD OVER 1/2" CDX PLYWOOD SHEAR PANELS AT SIDES
CORRIDOR N°3	F-6	F-4	F-7	F-7	F-7	F-7 *	F-10 *	8'0"	* 5/8" TYPE X GWB SHALL BE APPLIED OVER 1/2" SOUND DEADING BOARD
UTILITY	F-6	F-4	F-7	F-7	F-7	F-7	F-7	8'0"	* HR. SUSPENDED CEILING AS SPECIFIED.
PROTEIN LABORATORY	F-6	F-4	F-7	F-7	F-7	F-7	F-10	9'0"	
GRAIN LABORATORY	F-6	F-4	F-7	F-7	F-7	F-7	F-10	9'0"	
GRAIN SAMPLE ROOM	F-6	F-4	F-7	F-7	F-7	F-7	F-10	9'0"	
JANITOR STORAGE	F-11	F-5	F-8	F-8	F-8	F-8	F-8	8'0"	

■ INTERIOR FINISH CODE

F-1 1/8" SHEET VINYL GOODS AS SPECIFIED, OVER 4" CONCRETE FLOOR SLAB COLOR TO BE SELECTED

F-2 1/8" VINYL ASBESTOS TILE AS SPECIFIED OVER 4" CONCRETE FLOOR SLAB COLOR TO BE SELECTED

F-3 GLUE DOWN CARPET AS SPECIFIED COLOR TO BE SELECTED

F-4 4" RUBBER BASE, AS SPECIFIED.

F-5 1/8" SHEET VINYL (SEE F-1) TURNED UP WALL 6"

F-6 ALUMINUM BASE BY BLDG MFR. AS WINDOW PANELS

F-7 5/8" TYPE X GWB OVER FRAMING AT BLDG. W. BLDG STRAY FINISH PAINT AS SPECIFIED

F-8 5/8" TYPE X MOISTURE RESISTANT GWB OVER FRAMING AT 16"OC. BLDG STRAW FINISH PAINT AS SPECIFIED

F-9 VINYLITE TAPELING AS SPECIFIED OVER 5/8" TYPE X GWB MOISTURE GUARD TAPE ONLY OVER FRAMING AT BLDG SEE SCHEDULE FOR SOUND DEADING BOARD.

F-10 SUSPENDED CEILING W/ 24"x 48" x 5/8" LAY IN ACOUSTICAL PANEL IN STANDARD T BAR GRID AS SPECIFIED

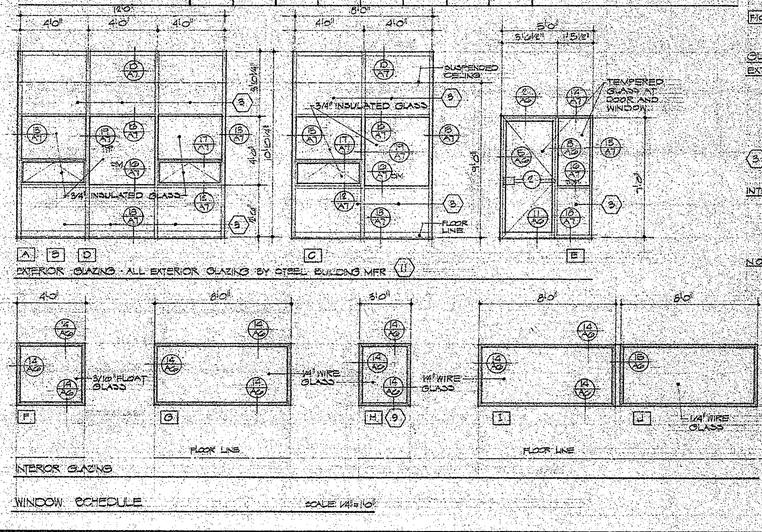
GLAZING NOTES:

EXTERIOR:
ALL FRAMES SHALL BE EXTRUDED ALUMINUM W/ BRONZED DEEP BRONZE FINISH SCREENS SHALL BE 16x18 MESH ALUMINUM W/ EXTRUDED ALUMINUM FRAMES. FRAMS SHALL BE FINISHED W/ ENAMELED DEEP BRONZE, ALUMINUM STRIPS AND NEOPRENE BEADS SHALL BE PROVIDED FOR FIELD GLAZING ALL GLAZING SHALL BE AS NOTED.

(3) INFILL PANELS SHALL BE TEMPERED HARDBOARD PANELS W/ 3 1/4" FOAM INSULATION BETWEEN, FINISH AS SPECIFIED.

INTERIOR:
ALL FRAMES SHALL BE 2"x 3 1/8" HM. STEEL FRAMES AS SPECIFIED, SEE DETAILS N°S 14 AND 15 SHEET A-6 FINISH AS SPECIFIED SAME AS H.M. DOOR FRAMES. GLAZING SHALL BE AS NOTED.

NOTE: ALL EXTERIOR WINDOWS SHALL HAVE LOUVERDRAPES AS SPECIFIED AND INSTALLED AS DETAILED ON SHEET A-7



WINDOW SCHEDULE

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

APRIL 10, 1978

REVISIONS
1 DETAIL DOOR TYPES FOR DOORS 1, 2 & 3 AND SEE REMARKS SHEET A-5
2 DETAIL DOOR TYPES FOR DOORS 5, 8, 11, 12, 13, 14, 15, 16 & 17 ALL SAME AS DOOR TYPE 4 EXCEPT DOOR THICKNESS
11 ALL INT. WALLS TO BE STUD FRAMED FOR MAN. HAN. DELETE ITEM 2 & ALL INSULATION, WALL & MISC. NOT STD. WALL CONSTRUCTION.

DRAWN BY: DVP
DATE: 2/20/78

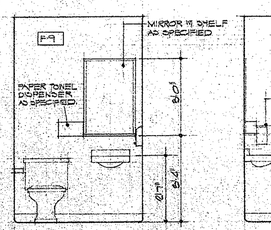
REGISTERED ARCHITECT JAMES A. MAXEY STATE OF WASHINGTON 1685

WADE IN MAXEY AND ASSOC
3141 OLYMPIA WAY
LONGVIEW, WASHINGTON 98632
TELEPHONE (206) 425-1440

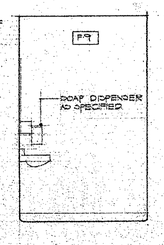
STATE GRAIN LABORATORY STATE OF WASHINGTON
CONTINENTAL GRAIN COMPANY
EAST OF LONGVIEW
LONGVIEW, WASHINGTON

SHEET A-4 OF EIGHT SHEETS

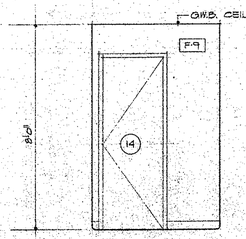
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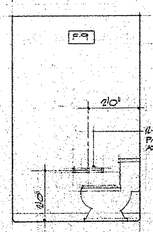
⑨ NORTH



⑩ EAST



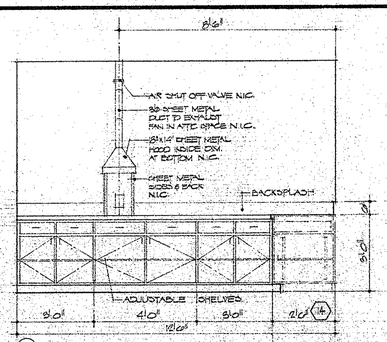
⑪ SOUTH



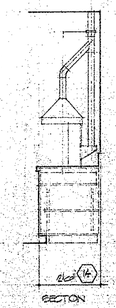
⑫ WEST

SCALE: 3/8"=1'-0"

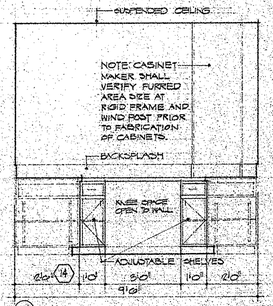
LAVATORY AT USDA OFFICE



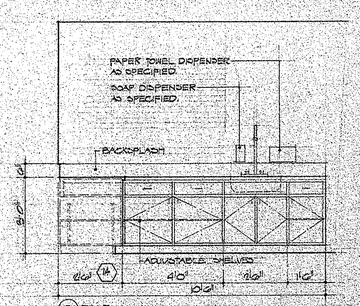
⑮ WEST



SECTION



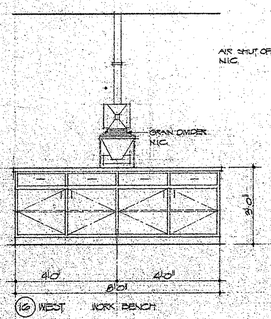
⑭ NORTH



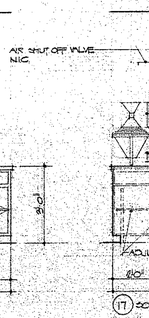
⑬ EAST

SCALE: 3/8"=1'-0"

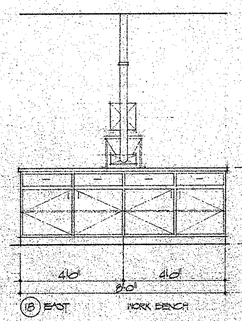
PROTEIN LABORATORY



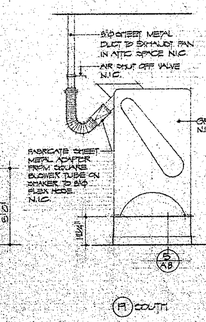
⑯ WEST WORK BENCH



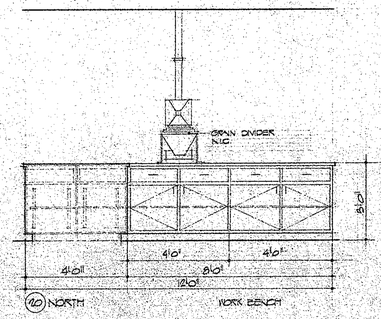
⑰ SOUTH WORK BENCH



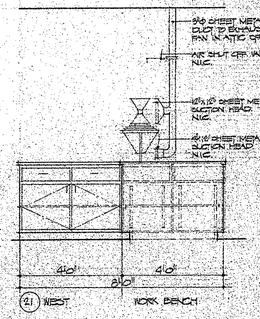
⑱ EAST WORK BENCH



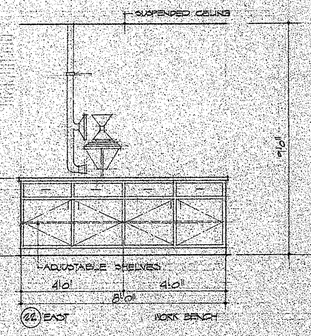
⑲ SOUTH



⑳ NORTH WORK BENCH



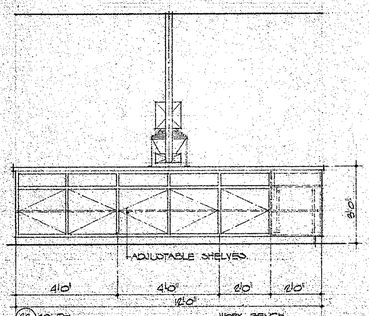
㉑ WEST WORK BENCH



㉒ EAST WORK BENCH

SCALE: 3/8"=1'-0"

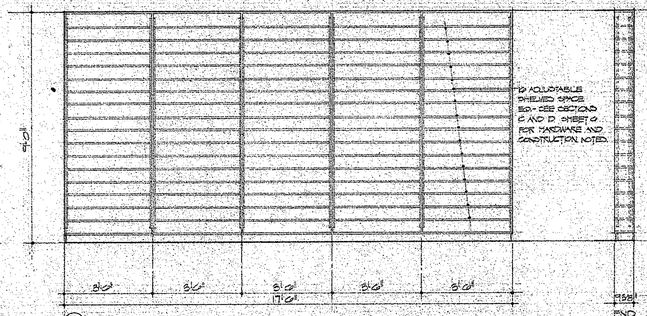
GRAIN LABORATORY



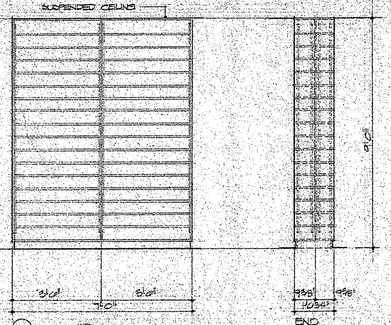
㉓ SOUTH WORK BENCH

SCALE: 3/8"=1'-0"

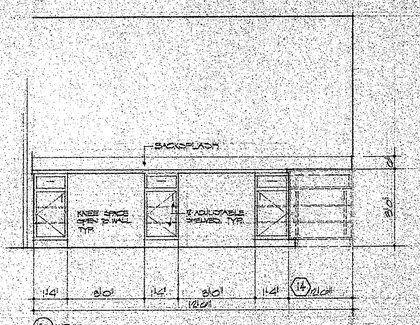
GRAIN LABORATORY



㉔ NORTH GRAIN SAMPLE STORAGE

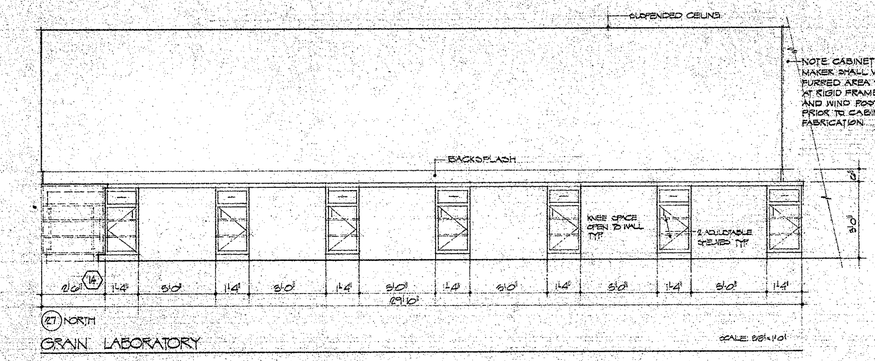


㉕ NORTH AND SOUTH GRAIN SAMPLE STORAGE



㉖ WEST

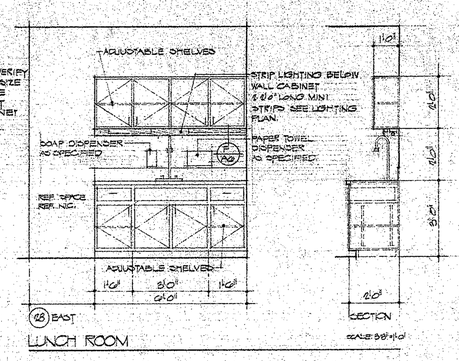
NOTE:
SEE SHEET A-12 FOR TYPICAL CABINET SECTIONS



㉗ NORTH

GRAIN LABORATORY

SCALE: 3/8"=1'-0"

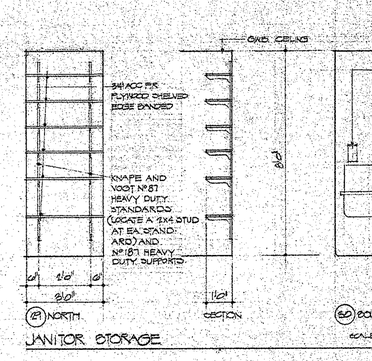


㉘ EAST

LUNCH ROOM

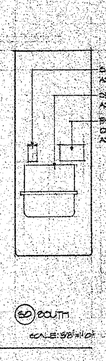
SECTION

SCALE: 3/8"=1'-0"



㉙ NORTH

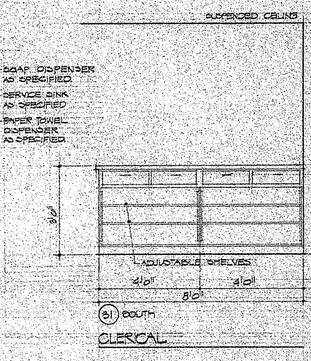
JANITOR STORAGE



SECTION

㉚ SOUTH

SCALE: 3/8"=1'-0"



㉛ SOUTH

CLERICAL

DRAWING NUMBER

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER ONLY

DRAWING NUMBER

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER ONLY

DRAWING NUMBER

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER ONLY

WADE W. MAXEY AND ASSOC.
1542 OLYMPIA WAY
OLYMPIA, WASHINGTON 98501
TELEPHONE 357-3552

STATE GRAIN LABORATORY
CONTINENTAL GRAIN COMPANY
PORT OF LONGVIEW
LONGVIEW, WASHINGTON

SHEET
A-5
OF EIGHT SHEETS

REGISTERED ARCHITECT WADE W. MAXEY STATE OF WASHINGTON 1883

DRAWN BY: DDD
DATE: 05/20/78

REVISIONS:
APRIL 20, 1978
(12) WATER CLOSET CENTERS TO BE 15" FROM SIDE WALLS, TYPICAL
(13) CABINET DEPTHS TO BE 24" AT SINKS, 18" AT BASE CABINETS, AND 12" AT WALL CABINETS. ALL DOORS AND DRAWERS TO BE FLUSH INSET, TYP.
(14) DELETE FURR-DOWN AT SINKS, HANG 9 PIECE WINDOW TO BE FLUSH.

DRAWING NUMBER
B361
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER B7361

DRAWING NUMBER
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER B7361

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REORDER BY NUMBER B7361

DRAWING NUMBER
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER B7361

SUSPENDED CEILING
F-7
9'-0"
32 WEST
CLERICAL SCALE: 1/4"=1'0"

SUSPENDED CEILING
F-9
8'-0"
33 WEST
CORRIDOR N°1 SCALE: 1/4"=1'0"

8'-0"
15'-5"
34 NORTH
STORAGE SCALE: 1/4"=1'0"

17
11'-6"
35 SOUTH
STORAGE SCALE: 1/4"=1'0"

SUSPENDED CEILING
F-7
FIRE EXTING. LIGHTER & CAB. SEE FLOOR PLAN.
5'-6"
9'-0"
34 NORTH
CORRIDOR N°1 SCALE: 1/4"=1'0"

SUSPENDED CEILING
F-7
9'-0"
35 SOUTH
CORRIDOR N°1 SCALE: 1/4"=1'0"

VERIFY ALL COUNTER DIMENSIONS W/ DIMENSIONS ON FLOOR PLAN.
PLASTIC LAMINATE COUNTER TOP & BACKSPLASH OVER 3/4" PLYWOOD
2x2 FRAME - DRAWER UNIT
3/4" BIRCH FACE TRIM
3/4" BIRCH VENEER PLYWOOD DOORS AND DRAWER FRONTS.
3/4" FIR PLYWOOD BOTTOM W 3/4" BIRCH EDGE BAND
2x4 FIR BASE W/ BASE MATL. & FRONT TO MATCH BACK & WALL
A SECTION STANDARD CABINET SCALE: 1"=1'-0"

CONT. PLASTIC LAMINATE OVER 3/4"x 6 1/2" PLYWOOD
2x2 FRAME CONT.
1x2 NAILER
KNAPE AND VOGT N°685 PLASTER STANDARDS W/ N°281 SUPPORTS TYPICAL
3/4" BIRCH VENEER PLYWOOD @ FRONT AND ENDS
2x4 BASE W/ BASE MATL. TO MATCH WALL BASE
PLASTIC LAMINATE COUNTER TOP
3/4" FIR PLYWOOD
ADJUSTABLE SHELVES 3/4" BIRCH VENEER EDGE BANDED PLYWOOD SHELVES
3/4" BIRCH VENEER EDGE BANDED PLYWOOD BOTTOM
3/4"x2 1/2" BIRCH TRIM
3/4" BIRCH VENEER PLYWOOD DRAWER FACE
NOTE: SHIM BASE FRAME 1/2" (TYPICAL)
B SECTION CABINET @ RECEPTIONIST AREA SCALE: 1"=1'-0"

KNAPE AND VOGT N°685 PLASTER STANDARDS W/ N°281 SUPPORTS TYPICAL
SUSPENDED CEILING
3/4" FIR EDGE BANDED PLYWOOD
3/4" FIR EDGE BANDED PLYWOOD ADJUSTABLE SHELVED W REDI-CAB SEE ELEVATION
3/4" FIR EDGE BANDED PLYWOOD BOTTOM
3/4" FIR PLYWOOD BACK
1x4 BASE W/ BASE MATL. TO MATCH WALL BASE
C SECTION SAMPLE BOTTLE STORAGE SCALE: 1"=1'-0"

1x4 BASE CONT. W BASE MATL. TO MATCH WALL BASE.
D SECTION SAMPLE BOTTLE STORAGE SCALE: 1"=1'-0"

3/4" D-FIR PLYWOOD SHELVES W HARDWOOD EDGE BAND CONT.
KNAPE AND VOGT N° 87 HEAVY DUTY STANDARDS AND N° 181 HEAVY DUTY SUPPORTS
NOTE: 5/8" TYPE 'X' GWB. SHALL BE APPLIED OVER 1/2" PLYWOOD OVER FRAMING AT 16" O.C. NORTH AND SOUTH WALLS. SEE ROOM FINISH SCHEDULE
FLR. TANK LOCATION
E SECTION SCALE: 1"=1'-0"

WALL CABINET
1x4 V.G. D-FIR CONT. @ 5 COATS SEMI TRANSPARENT STAIN "OLYMPIC" W 1 COAT SATIN FINISH WHITEWASH.
#18 NAILER CONT.
6'-0" LONG MINI-STRIP (6) SEE LIGHTING PLAN.
COUNTER TOP
PLASTIC LAMINATE COUNTER TOP & BACKSPLASH OVER 3/4" PLYWOOD
F STRIP LIGHTING AT WALL CABINET SCALE: 1"=1'-0"

GENERAL NOTES

MATERIAL
ALL CABINETRY SHALL BE CONSTRUCTED OF 3/4" BIRCH PLYWOOD EDGE BANDED WHERE EXPOSED. ALL OTHER PLYWOOD SHALL BE 3/4" D-F PLYWOOD AND EDGE BANDED AS NOTED. ALL EXPOSED TRIM SHALL BE SOLID BIRCH. ALL FRAMING SHALL BE D-FIR, SIZE AS NOTED.
ALL CABINET DOORS AND DRAWERS SHALL HAVE EDGE LAPPED FRONTS. (15)

FINISH
ALL CABINETRY SHALL BE FINISHED W 5 COAT SEMI TRANSPARENT STAIN "OLYMPIC" COLOR TO BE SELECTED) AND 6 COATS SATIN FINISH WHITEWASH, UNLESS OTHERWISE NOTED.

HARDWARE
ADJUSTABLE SHELF BRACKETS AS SPECIFIED
DRAWER GUIDES AS SPECIFIED
HINGES AS SPECIFIED (15)
PULLS AS SPECIFIED (15)

NOTE: ALL EDGE BANDING SHALL BE HARDWOOD (ALDER)

STRUCTURAL LINE
5/8" TYPE 'X' GWB. W METAL BOGE BEAD
24 GA GALV. STEEL SIDING PANELS.
BASE CLOSURE SHALL BE PROVIDED BY BUILDING MFR.
CONTRACTOR SHALL PROVIDE "L" ANGLE 4"L x 3/16" CONT. AT HEADER.
6"x 6 3/4" HOLLOW METAL FRAME W REINFORCEMENT SLEEVES SEE SCHED.
CAULKING CONT.
DRIP GUTTER 16 GA GALV. STEEL
DOOR AS SCHEDULED
1 HEADER AT DOOR N° 1 AND 3 SCALE: 3"=1'0"

STRUCTURAL LINE
24 GA. GALV. STEEL SIDING PANELS.
5/8" TYPE 'X' GWB. W METAL EDGING BEAD CONT.
CONTRACTOR SHALL PROVIDE 6"x 6"x 1/8" L CONT.
CONTRACTOR SHALL PROVIDE 4" x 3/16" ANGLE x 18" CONT. @ 18" CENT.
6"x 6 3/4" HOLLOW METAL FRAME W REINFORCEMENT SLEEVES MIN 3 ANCHORS/JAMB.
DOOR AS SCHEDULED
CAULKING CONT.
4" FILLER PANEL
4 TYP JAMB AT DOOR N° 1 & 3 SCALE: 3"=1'0"

DOOR AS SCHEDULED
ENTRANCE THRESHOLD PER N°171A x 222 AV OR APPROVED
FLOOR LINE
CONT. FIN FLOOR UNDER THRESHOLD
1/2" ASPHALT IMPREGNATED FELT STRIP CONT.
7 SILL AT DOOR N° 1 & 3 SCALE: 3"=1'0"

5/8" TYPE 'X' GWB OVER 2x4 STUDS AT 16" O.C.
DASHED LINE INDICATES 5/8" TYPE 'X' GWB. OVER 1/2" SOUND DEADENING BOARD OVER 2x4 STUDS AT SINGLE WALL SEE ROOM FINISH SCHED.
MASONITE PANELING AS SPECIFIED AT TOILET ROOMS
2-2x6 HEADER W 1/2" CDX PLYWOOD BTWN.
6"x 6 3/4" HOLLOW METAL FRAME W 4 3/4" THROAT (TYP.)
6"x2 3/4" HOLLOW METAL FRAME W 5 3/4" THROAT AT DOORS N° 14,15, 16 AND 17
DOOR AS SCHEDULED
REVISIONS
1 SEE REVISION SHEET A-5
2 SEE REVISION SHEET A-5
3 SEE REVISION SHEET A-5
4 SEE REVISION SHEET A-5
APRIL 16, 1973

STRUCTURAL LINE
BASE CLOSER SHALL BE PROVIDED BY BUILDING MFR.
ALUM. HORIZONTAL TRANSITION FLASHING
5/8" TYPE 'X' GWB. W METAL EDGING BEAD CONT.
5 1/2" x 1 1/4" ALUM. FRAME
ALUM. DOOR AS SCHEDULED
2 HEADER AT DOOR N° 2 SCALE: 3"=1'0"

STRUCTURAL LINE
24 GA. GALV. STEEL SIDING PANELS
5/8" TYPE 'X' GWB. W METAL EDGING BEAD CONT.
CAULKING CONT.
TRANSITION FRAME BY BLDG MFR. TO MATCH DOOR FRAME
1 1/4" X 5" DOOR FRAME
ALUM. DOOR AS SCHEDULED
STRUCTURAL LINE
5 JAMB AT DOOR N° 2 SCALE: 3"=1'0"

DOOR AS SCHEDULED
STRUCTURAL LINE
ALUM. DOOR AS SCHEDULED
6"x6 3/4" ALUM. FRAME
6 MULLION AT DOOR N° 2 SCALE: 3"=1'0"

5/8" TYPE 'X' GWB OVER 2x4 STUDS AT 16" O.C.
EXTERIOR WALL VINYL AS SCHEDULED
6x6 FRAMING W 2x6 BLOCKING BETWEEN
5/8" TYPE 'X' GWB OVER 2x4 STUDS
6"x6 3/4" HOLLOW METAL FRAME W 5 3/4" THROAT AND 3 ANCHORS/JAMB AT DOORS N° 14,15, 16 AND 17
6"x 6 3/4" HOLLOW METAL FRAME W 4 3/4" THROAT OPENING PROVIDE MIN. 3 ANCHORS/JAMB (TYP.)
DOOR AS SCHEDULED
12
3 HEADER INTERIOR DOORS SCALE: 3"=1'0"

14 GA GALV. STEEL SIDING PANELS
5/8" TYPE 'X' GWB. W METAL EDGING BEAD CONT.
CAULKING CONT.
6x6 FRAMING W 2x6 BLOCKING BETWEEN
5/8" TYPE 'X' GWB OVER 2x4 STUDS
6"x6 3/4" HOLLOW METAL FRAME W 4 3/4" THROAT OPENING PROVIDE MIN. 3 ANCHORS/JAMB (TYP.)
DOOR AS SCHEDULED
12
12 JAMB INTERIOR DOOR SCALE: 3"=1'0"

DOOR AS SCHEDULED
STRUCTURAL LINE
6"x6 3/4" HOLLOW METAL FRAME W 5 3/4" THROAT AND 3 ANCHORS/JAMB AT DOORS N° 14,15, 16 & 17
6"x6 3/4" HOLLOW METAL FRAME W 4 3/4" THROAT (TYP.)
5/8" TYPE 'X' GWB OVER 2x4 STUDS AT 16" O.C.
CAULKING AND ROUTER 5/8" TYPE 'X' GWB OVER 1/2" SOUND DEADENING BOARD OVER 2x4 STUDS AT DOOR SEE ROOM FINISH SCHEDULE
MASONITE PANELING AS SPECIFIED AT TOILET ROOMS
9 JAMB INTERIOR DOORS SCALE: 3"=1'0"

5/8" TYPE 'X' GWB OVER 2x4 STUDS AT 16" O.C.
2x6 STUD W 2x4 BLOCKING BETWEEN
6"x6 3/4" HOLLOW METAL FRAME W 5 3/4" THROAT AND 3 ANCHORS/JAMB AT DOORS N° 14,15, 16 AND 17
6"x 6 3/4" HOLLOW METAL FRAME W 4 3/4" THROAT OPENING PROVIDE MIN. 3 ANCHORS/JAMB (TYP.)
DOOR AS SCHEDULED
12
12 JAMB INTERIOR DOOR SCALE: 3"=1'0"

5/8" TYPE 'X' GWB OVER 2x4 STUDS AT 16" O.C.
1 x 6 HEADER W 1/2" CDX PLYWOOD BETWEEN
SHIM AS REQ'D
1 1/2" CLEAR V.G. D-FIR CONT. TYP. EA. SIDE
3 1/4" x 6 3/4" CLEAR V.G. D-FIR FRAME CONT.
TRACK BY BI-FOLD DOOR MFR.
1" CLEAR V.G. D-FIR TRIM CONT.
BI-FOLD DOOR AS SCHEDULED
10 HEADER AT DOOR N° 18 SCALE: 3"=1'0"

STRUCTURAL LINE
ALUM. DOOR AS SCHEDULED
CIRCUIT NON SHRINK
5" x 3/4" EXTRUDED ALUM. THRESHOLD RECESSED / SUPPLIED BY DOOR SUPPLIER
GASKET W METAL EDGE STRIP
10
11 SILL AT DOOR N° 2 SCALE: 3"=1'0"

5/8" TYPE 'X' GWB OVER 2x4 FRAMING AT EACH
1 x 6 HEADER W 1/2" CDX PLYWOOD BETWEEN
6 x 6 STUD AT JAMB AND 2 x 4 FRAMING AT SILL
6"x 6 3/4" HOLLOW METAL FRAME W 4 3/4" THROAT W ANCHORS/HEADER AND JAMBS AND METAL STOPS.
GLAZING AS SCHEDULED
14 HEADER/JAMB/SILL NON FIGHU SCALE: 3"=1'0"

GLAZING AS SCHEDULED
6"x 6 3/4" HOLLOW METAL FRAME W 4 3/4" THROAT AND 3 ANCHORS/JAMB AT HEADER AND JAMBS IN METAL STOPS
5/8" TYPE 'X' GWB OVER 2 x 4 FURR
GLAZING AS SCHEDULED
15 MULLION WINDOW 1 W SCALE: 3"=1'0"

DRAWN BY: DWG
DATE: 2-20-78

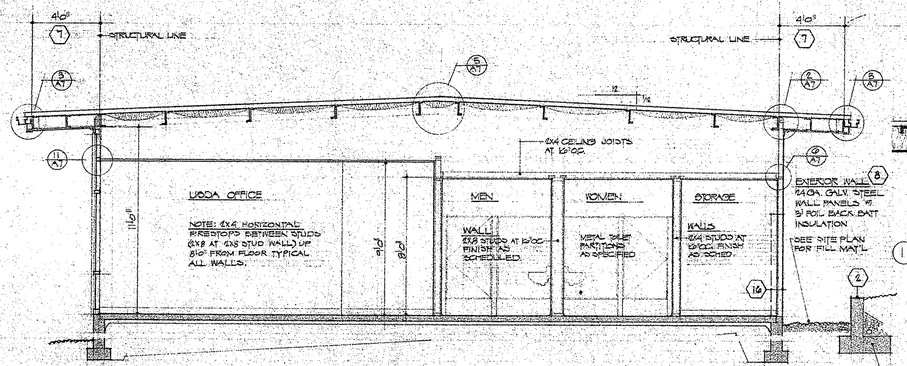
REGISTERED ARCHITECT
WADE M. NAXEY
STATE OF WASHINGTON
1981

WADE M. NAXEY AND ASSOC
1524 OLYMPIA WAY
LONGVIEW, WASHINGTON 98632
TELEPHONE 206-577-0707

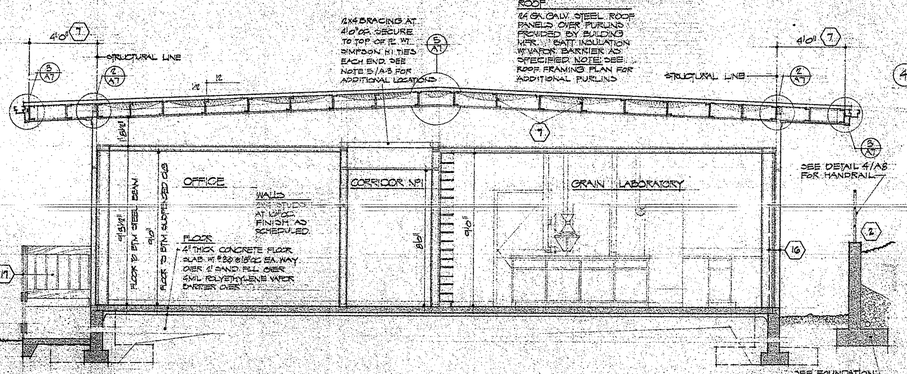
STATE GRAIN LABORATORY
STATE OF WASHINGTON
CONTINENTAL GRAIN COMPANY
LONGVIEW, WASHINGTON
REMODELING OF EXISTING BUILDING

SHEET
A-6
OF EIGHT SHEETS

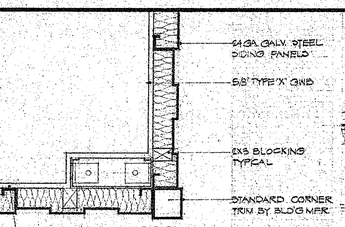
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PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 07549
DRAWING NUMBER
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 07549
DRAWING NUMBER
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DRAWING NUMBER
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 07549



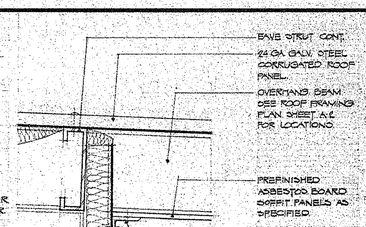
A SECTION SCALE: 1/4"=1'-0"



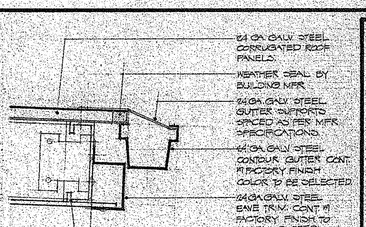
B SECTION SCALE: 1/4"=1'-0"



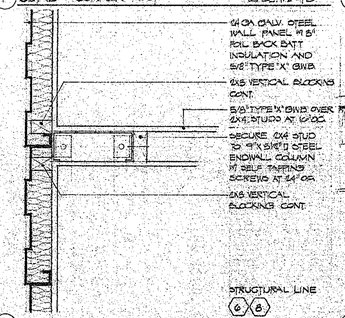
1 DETAIL AT CORNER POST SCALE: 1½"=1'-0"



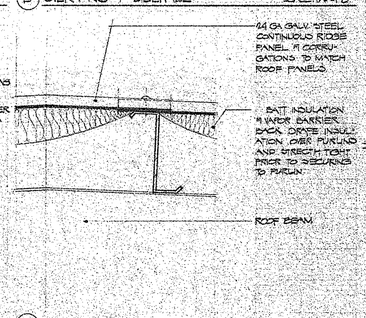
2 OVERHANG AT SIDEWALL SCALE: 1½"=1'-0"



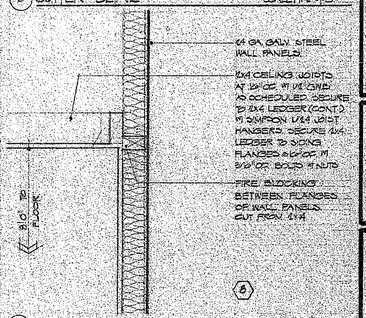
3 GUTTER DETAIL SCALE: 1½"=1'-0"



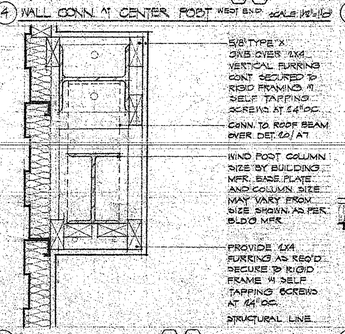
4 WALL CONN. AT CENTER POST W/EAST END SCALE: 1½"=1'-0"



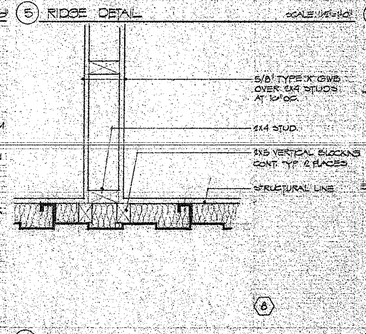
5 RIDGE DETAIL SCALE: 1½"=1'-0"



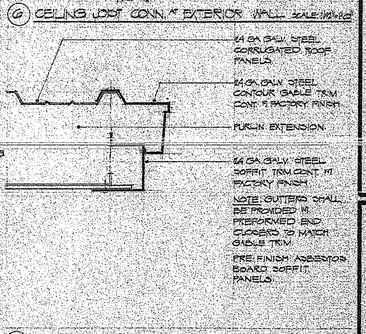
6 CEILING JOIST CONN. AT EXTERIOR WALL SCALE: 1½"=1'-0"



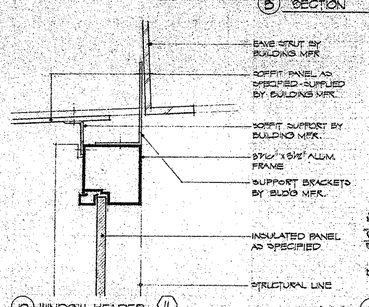
7 COLUMN DETAIL SCALE: 1½"=1'-0"



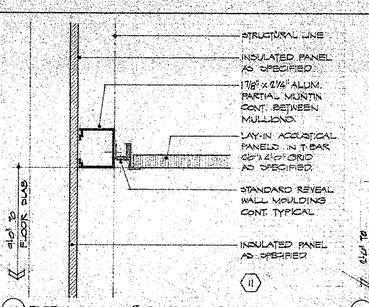
8 INTERIOR WALL AT EXTERIOR WALL SCALE: 1½"=1'-0"



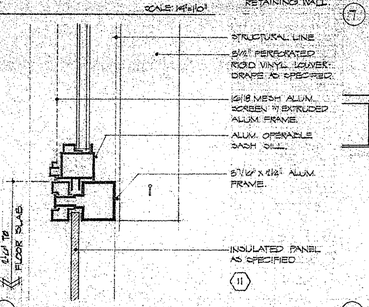
9 GABLE TRIM DETAIL SCALE: 1½"=1'-0"



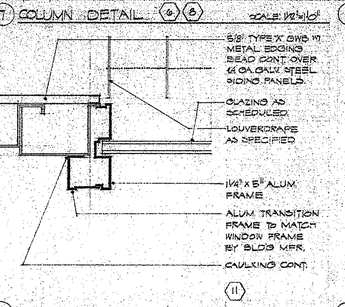
10 WINDOW HEADER SCALE: 3"=1'-0"



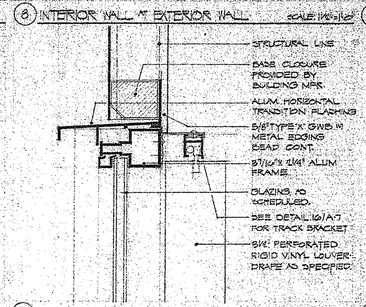
11 PARTIAL MUNTIN AT SUSPENDED CEILING SCALE: 3"=1'-0"



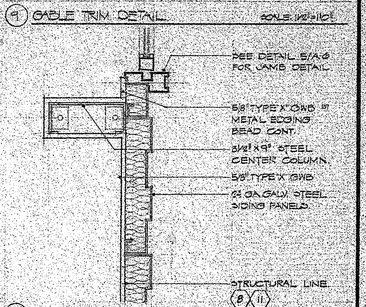
12 OPERABLE SASH / SILL SCALE: 3"=1'-0"



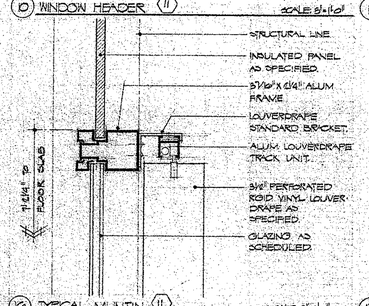
13 WINDOW JAMB SCALE: 3"=1'-0"



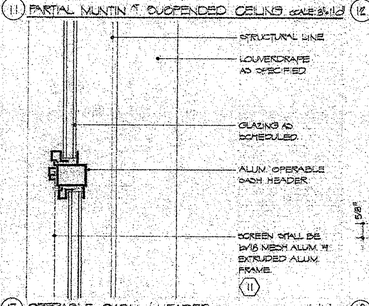
14 WINDOW HEADER SCALE: 3"=1'-0"



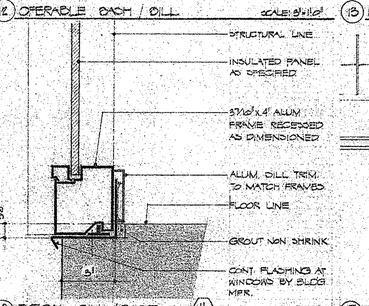
15 CENTER POST DETAIL EAST END SCALE: 1½"=1'-0"



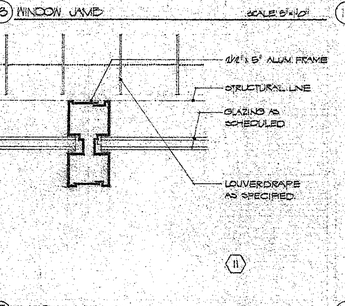
16 TYPICAL MUNTIN SCALE: 3"=1'-0"



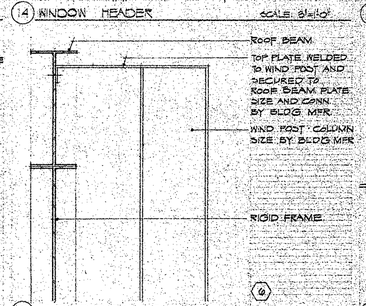
17 OPERABLE SASH / HEADER SCALE: 3"=1'-0"



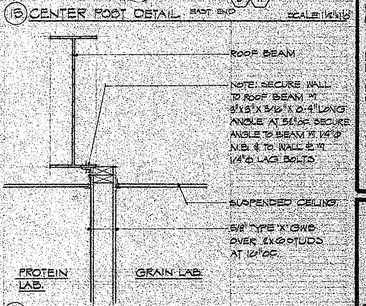
18 TYPICAL SILL / BASE SCALE: 3"=1'-0"



19 TYPICAL MULLION SCALE: 3"=1'-0"



20 WIND POST CONN TO ROOF BEAM SCALE: 1½"=1'-0"



21 WALL CONN TO ROOF BEAM SCALE: 1½"=1'-0"

REVISIONS:
1 ADD REFERENCE SHEET A1
2 SEE REVISED SHEET A1.5
3 SEE REVISED SHEET A1.4
4 PROVIDE 6" THICK x 6'-0" WIDE CONC. WALL BTWN. GR. PWWK. COLUMNS + REINFORCE W/ #5 @ 8" O.C. EA. WAY, E.W. PROVIDE 12" THICK CONC. FOOTING UNDER WALL AS DETAILED TO SOLDIERS 1'-6" OFF PLATE W/ 2 #5 CONTS. TYPE 'S' SHEARWORK. NOTE: CONN TYP. TO BLDG.
APRIL 20, 1972

DRAWN BY: DVD
DATE: 8/20/71

REGISTERED PROFESSIONAL ARCHITECT
WADE M. NAXEY
STATE OF WASHINGTON
2881

WADE M. NAXEY AND ASSOC.
1521 OLYMPIA WAY
LONGVIEW, WASHINGTON 98632
TELEPHONE (206) 636-0440

STATE GRAIN LABORATORY
STATE OF WASHINGTON
CONTINENTAL GRAIN COMPANY
PORT OF LONGVIEW
LONGVIEW, WASHINGTON

SHEET
A-7
OF EIGHT SHEETS

DRAWING NUMBER 8363

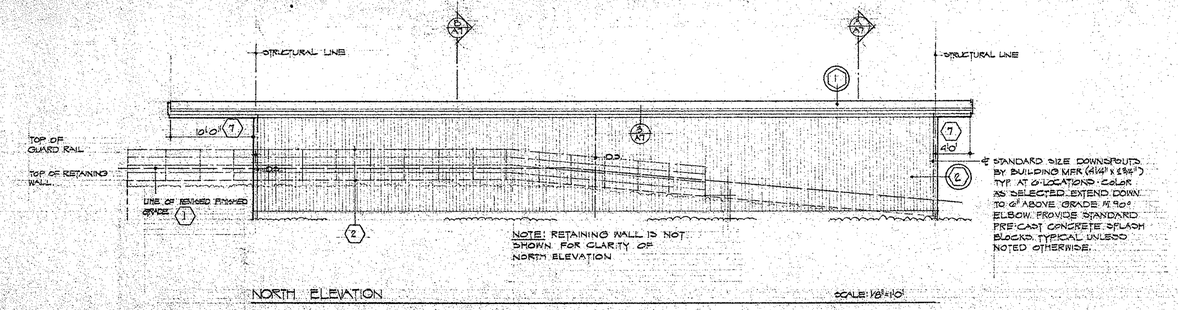
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REPORTS BY ALBERT STOVER

DRAWING NUMBER

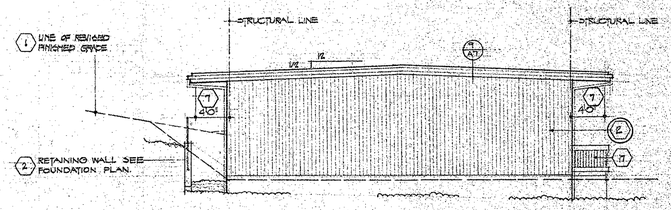
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NORTH ELEVATION SCALE: 1/8"=1'0"

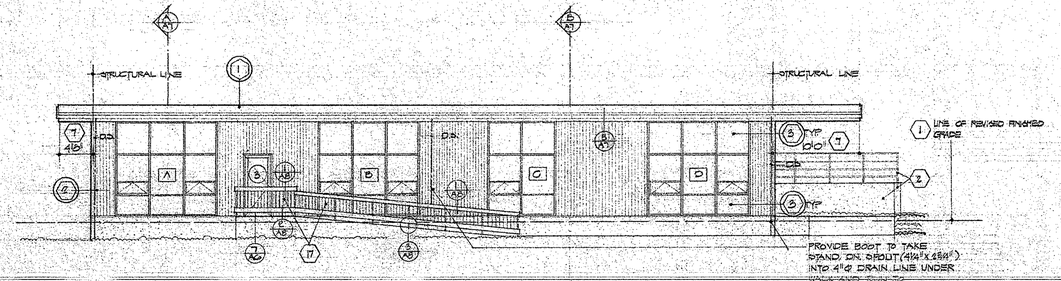


WEST ELEVATION SCALE: 1/8"=1'0"

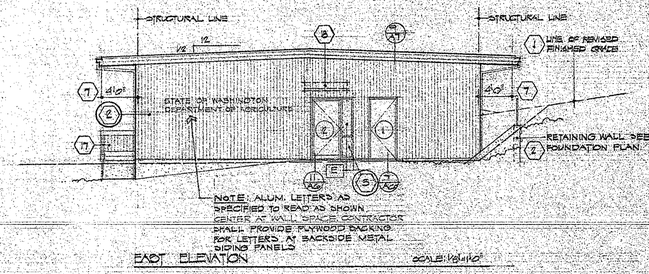
EXTERIOR FINISH CODE

1. 24 GA. GALV. CORRUGATE STEEL 3'-0" WIDE PANELS AS SPECIFIED, COLOR AS SELECTED
2. 24 GA. GALV. CORRUGATED STEEL 12" WIDE PANELS AS SPECIFIED, COLOR AS SELECTED
3. TEMPERED HARDBOARD PANELS W/ 5/4" FOAM INSULATION BETWEEN PANELS AS SPECIFIED, COLOR AS SELECTED

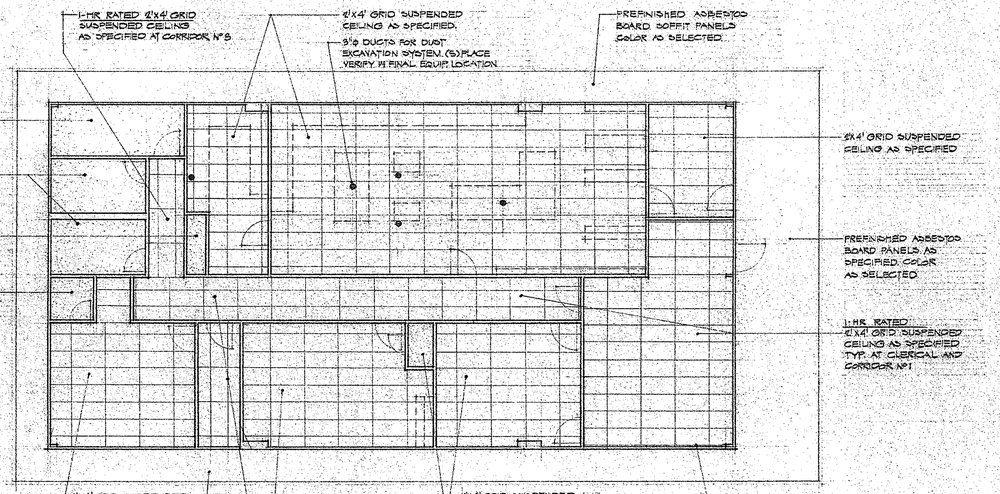
SOFFITS:
CEMENT ASBESTOS BOARD SOFFIT PANELS PREFINISHED AS SPECIFIED, COLOR AS SELECTED.



SOUTH ELEVATION SCALE: 1/8"=1'0"

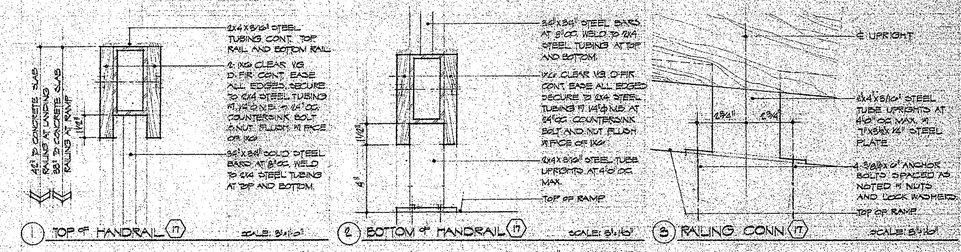


EAST ELEVATION SCALE: 1/8"=1'0"

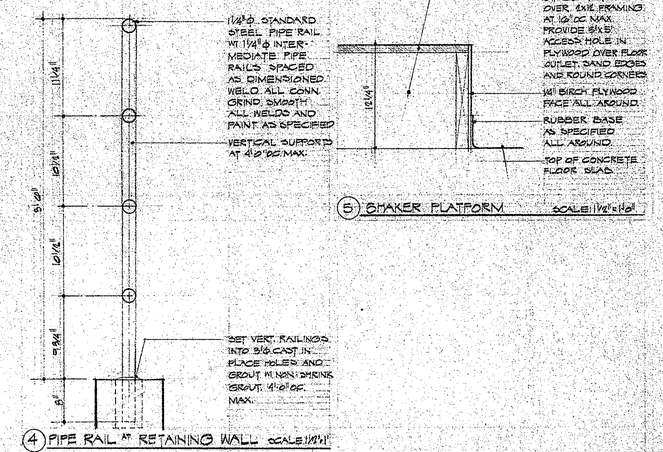


REFLECTED CEILING PLAN SCALE: 1/8"=1'0"

NOTE: SEE ELECTRICAL DWGS SHT. E-2 FOR LIGHTING PLAN
SEE MECHANICAL DWGS SHT. M-2 FOR REGISTERS.



1 TOP OF HANDRAIL (17) SCALE: 3"=1'-0" 2 BOTTOM OF HANDRAIL (17) SCALE: 3"=1'-0" 3 RAILING CONN (17) SCALE: 3"=1'-0"



4 PIPE RAIL AT RETAINING WALL SCALE: 1"=1'-0" 5 SHAKER PLATFORM SCALE: 1 1/2"=1'-0"

REVISIONS:
- 1 SEE REVISIONS - SHEET A-1
- 2 SEE REVISIONS - SHEET A-2
- 3 SEE REVISIONS - SHEET A-4
- 4 BULLETIN #1 DATED 3 APR 75 & LANDING & RAMP
- 5 BULLETIN #2 DATED 9 APR 75 & RAMP & LANDING
- 6 REVISE STD. 24" SLOPE AT LANDING (ARCH. ITEM) COOK No. 6

APRIL 22, 1975

DRAWN BY: DWD
DATE: 2/20/75

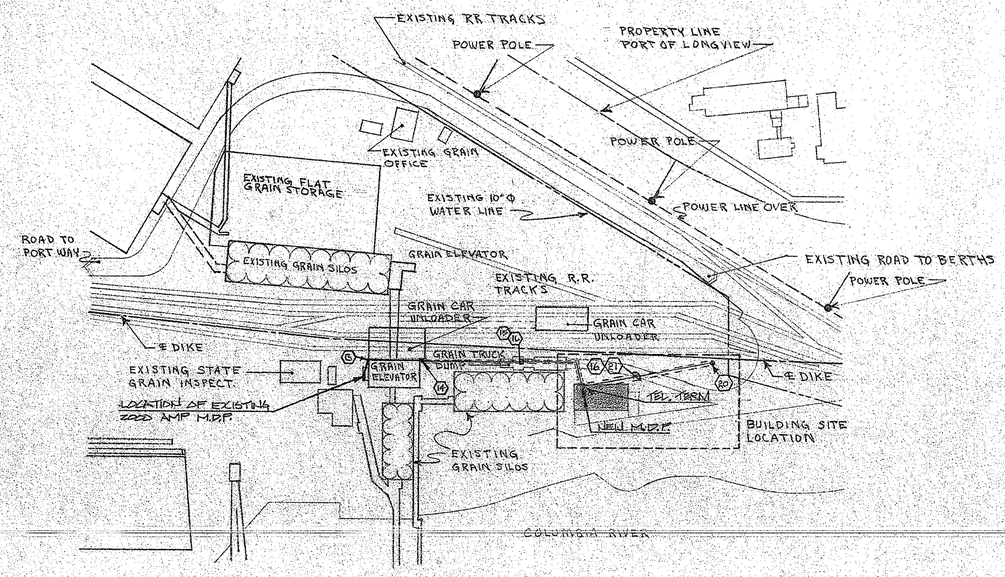
REGISTERED ARCHITECT WARREN H. KNOWLES STATE OF WASHINGTON 3951

WARREN H. KNOWLES AND ASSOC.
1545 OLYMPIA WAY
LONGVIEW, WASHINGTON 98632
TELEPHONE 360-636-0440

STATE GRAIN LABORATORY STATE OF WASHINGTON
CONTINENTAL GRAIN COMPANY
PORT OF LONGVIEW
LONGVIEW, WASHINGTON

SHEET
A-8
OF EIGHT SHEETS

DRAWING NUMBER B364
JAN HOLT CORPORATION • IRVINE, CALIFORNIA
DRAWING NUMBER
JAN HOLT CORPORATION • IRVINE, CALIFORNIA
DRAWING NUMBER
JAN HOLT CORPORATION • IRVINE, CALIFORNIA
DRAWING NUMBER
JAN HOLT CORPORATION • IRVINE, CALIFORNIA



ELECTRICAL SITE PLAN
SCALE 1"=100'-0"

ELECTRICAL SYMBOLS

- CEILING FIXTURE WITH OUTLET
- CEILING FIXTURE RECESSED
- WALL MOUNTED FIXTURE WITH OUTLET
- FLUORESCENT STRIP FIXTURE
- FLUORESCENT FIXTURE, TO SCALE WITH OUTLET
- DUPLEX RECEPTACLES
- DOUBLE DUPLEX RECEPTACLES
- FLUSH FLOOR RECEPTACLES
- TELEPHONE OUTLET WITH 3/4" C. STUBBED TO CEILING SPACE
- TELEPHONE FLUSH FLOOR OUTLET
- S SINGLE POLE SWITCH
- S_2 DOUBLE POLE SWITCH
- S_3 THREE WAY SWITCH
- (J) JUNCTION BOX WITH BLANK COVER
- (C) CLOCK HANGER OUTLET AT 7'-6" WITH 10" FACE
- FUSED DISCONNECT SWITCH WITH DUAL ELEMENT FUSES SIZED AS REQUIRED
- S_{TT} MANUAL MOTOR STARTER
- MAGNETIC MOTOR STARTER
- MOTOR CONNECTION
- FLEXIBLE CONNECTION TO EQUIPMENT
- CONDUIT ELLED UP
- BRANCH CIRCUIT CONCEALED IN WALLS OR CEILING
- BRANCH CIRCUIT CONCEALED UNDER FLOOR
- W.P. WEATHERPROOF
- BRANCH CIRCUIT PANELBOARD
- TELEPHONE TERMINAL BOARD
- FLUSHDLP OUTLETS @ 48" ON CENTER
- HEATER

LOAD SUMMARY

LIGHTING	14.7 KW
RECEPTACLE	34.6 KW
WATER HEATER	4.5 KW
MECHANICAL	.9 KW
HVAC	27.0 KW
DUST COLLECTOR (5 HP)	6.2 KW

FIXTURE SCHEDULE

TYPE "A": 2'x4' RECESSED FLUORESCENT FIXTURE WITH 4F40T12 LAMPS KSH12, 100% PURE VIRGIN ACRYLIC LENS, MINIMUM THICKNESS OF .125" FRAMED DOOR LIFT AND SHIFT TYPE. COORDINATE MOUNTING WITH CEILING CONTRACTOR. LITHONIA "2GS" SERIES OR APPROVED EQUAL.

TYPE "B": SAME AS TYPE "A" EXCEPT WITH 3-F40T12 LAMPS.

TYPE "C": SAME AS TYPE "A" EXCEPT 2x2 RECESSED FIXTURE WITH TWO - F40 "U" LAMPS.

TYPE "D": SURFACE MOUNTED FLUORESCENT WRAP-AROUND WITH 2F40T12 LAMPS, 100% VIRGIN PRISMATIC ACRYLIC DIFFUSER PROVIDE LOW DENSITY RATING FOR MOUNTING ON COMBUSTIBLE CEILING, LITHONIA WA SERIES OR APPROVED EQUAL.

TYPE "F": SURFACE MOUNTED FLUORESCENT STRIP FIXTURE WITH ONE F96T12 LAMP. PROVIDE LOW DENSITY RATING WHERE MOUNTED ON LOW COMBUSTIBLE CEILING. LITHONIA L196, OR APPROVED EQUAL.

TYPE "G": INCANDESCENT WALL BRACKET FIXTURE WITH 2-100 WATT I.F. LAMPS. OPAL GLASS DIFFUSER. MOUNT THREE INCHES ABOVE MIRROR. PRESCOLITE WB-19, MARCO OR APPROVED EQUAL.

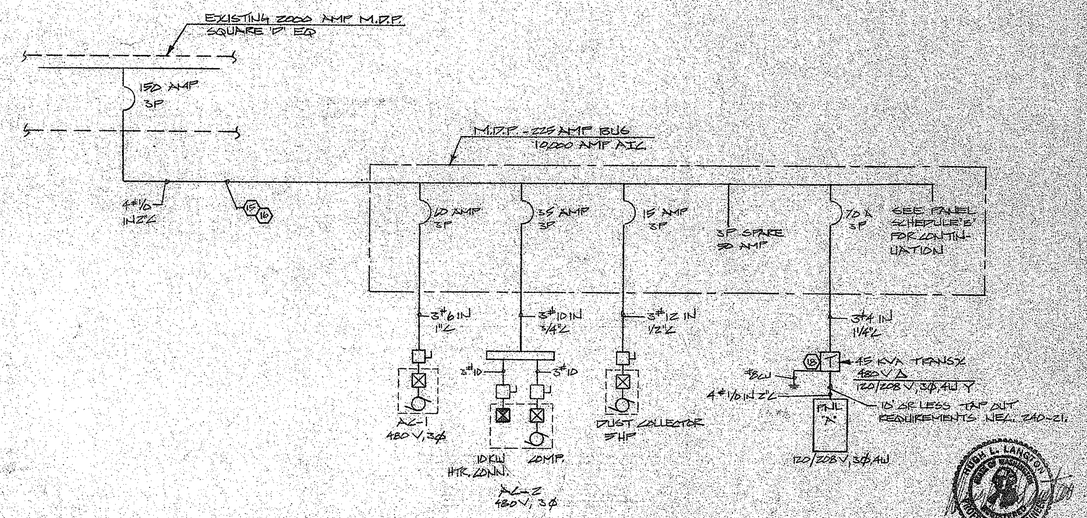
TYPE "H": INCANDESCENT WALL BRACKET, 1-150 WATT LAMP. THERMOPAL GLASS DIFFUSER. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT, DAMP LABEL REQUIRED FOR EXTERIOR USE. PRESCOLITE WB-28 OR APPROVED EQUAL.

TYPE "I": PORCELAIN KEYLESS FIXTURE, 1-150 WATT LAMP.

TYPE "K": FLUORESCENT UNDER CABINET LIGHT 1-F20T12. COORDINATE MOUNTING WITH ARCHITECT ALKO 100 SERIES, OR APPROVED EQUAL.

ELECTRICAL NOTES

1. PROVIDE AND INSTALL 2 CIRCUIT PLUGMOLD WITH OUTLETS ON 4 FOOT CENTERS, WIREMOLD 2000 SERIES LENGTH AS SHOWN ON DRAWINGS. ALTERNATE CIRCUITS EVERY OTHER OUTLET.
2. MOUNT J-BOX ABOVE ACCESSIBLE CEILING, EXTEND HOMERUN AS REQUIRED. COORDINATE WITH ARCHITECT.
3. ELECTRICAL DRINKING FOUNTAIN CONNECTION. IF FREE-STANDING TYPE PROVIDE DUPLEX RECEPTACLE, IF RECESSED TYPE, COORDINATE OUTLET LOCATION WITH MECHANICAL CONTRACTOR SO ALL WORK IS CONCEALED.
4. MOUNT OUTLET 3 INCHES ABOVE BACKSPLASH, IF CABINET DOES NOT HAVE BACKSPLASH, MOUNT 3-INCHES ABOVE CABINET TOP.
5. OUTLET FOR COFFEE POT, OUTLET TO BE ON SEPARATE CIRCUIT.
6. RESIDENTIAL TYPE REFRIGERATOR IN LUNCH ROOM.N.I.C.
7. 4'x8'x1/2" PLYWOOD FOR TELEPHONE TERMINAL PER TELEPHONE COMPANY'S SPECIFICATIONS.
8. MECHANICAL EQUIPMENT CONNECTION, COORDINATE TYPE AND LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
9. 3/4" CONDUIT UNDERFLOOR AND UP NEAREST WALL TO J-BOX.
10. CONNECT CIRCUIT THRU P.E. CELL. SEE NOTE 11 & 19
11. PHOTO-ELECTRIC CELL, 1800 VOLT AMPERE, 120 VOLT, MOUNT ON 3/4" CONDUIT AND FACE NORTH.
12. CENTER LAMP OF THREE LAMP FIXTURE CONNECTED TO ONE BALLAST, REMAINING LAMPS CONNECTED TO OTHER BALLAST. CONTROL CENTER LAMP WITH SEPARATE SWITCH FOR TWO LEVELS OF LIGHTING.
13. MOUNT 2" RIGID CONDUIT TO EXTERIOR OF BUILDING. CONDUIT TO BE MOUNTED 6" ABOVE EXISTING MINIMUM VERTICAL CLEARANCE.
14. EXTEND CONDUIT TO BELOW GRADE, SEE NOTE 13.
15. PROVIDE 1-2" P.V.C. CONDUIT WITH GROUND WIRE. PROVIDE ALL PULLBOXES NECESSARY. PULLBOXES TO HAVE STEEL COVER AND BE FLUSH WITH GRADE.
16. ELECTRICAL CONTRACTOR TO PROVIDE TRENCHING AND BACKFILL AS REQUIRED. PAVING PROVIDED BY GENERAL CONTRACTOR, COORDINATE PRIOR TO BIDDING.
17. PROVIDE RELAY TO SWITCH EF-1 WITH EITHER BATHROOM LIGHTS.
18. TRANSFORMER TO BE LOCATED ABOVE CEILING. COORDINATE ALL REQUIREMENTS WITH ARCHITECT.
19. PHOTO-ELECTRIC CELL LOCATED ABOVE PANEL 'N' ON ROOF SEE NOTE 11.
20. EXISTING TELEPHONE POLE #14. VERIFY IN FIELD AND WITH PHONE CO. PRIOR TO BIDDING
21. 6" P.V.C. UNDERGROUND TELEPHONE CONDUIT. LEAVE PULL WIRE IN CONDUIT.



RISER DIAGRAM
277/480 V, 3Φ 4W, 120/208 V, 3Φ, 4W

JOB NO. 77-307 MARTINEZ
LANGTON, MEHLIG & ASSOC. INC.
ELECTRICAL ENGINEERS
6552 S.E. Lake Road
Milwaukie, Oregon 97222
Ph. 659-6384

ELECTRICAL ENGINEERS
LANGTON, MEHLIG & ASSOC. INC.
6552 S.E. LAKE ROAD
MILWAUKIE, OREGON 97222
TELEPHONE (503) 659-6384

DATE 6/20/77

MADE IN VANCEY & ASSOC.

STATE GRAIN LABORATORY STATE OF WASHINGTON
CONTINENTAL GRAIN COMPANY
PORT OF LONGVIEW
LONGVIEW, WASHINGTON

SHEET E-1
OF THREE SHEETS

DRAWING NUMBER B365

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
ASSIGNED BY NUMBERSTAR

DRAWING NUMBER

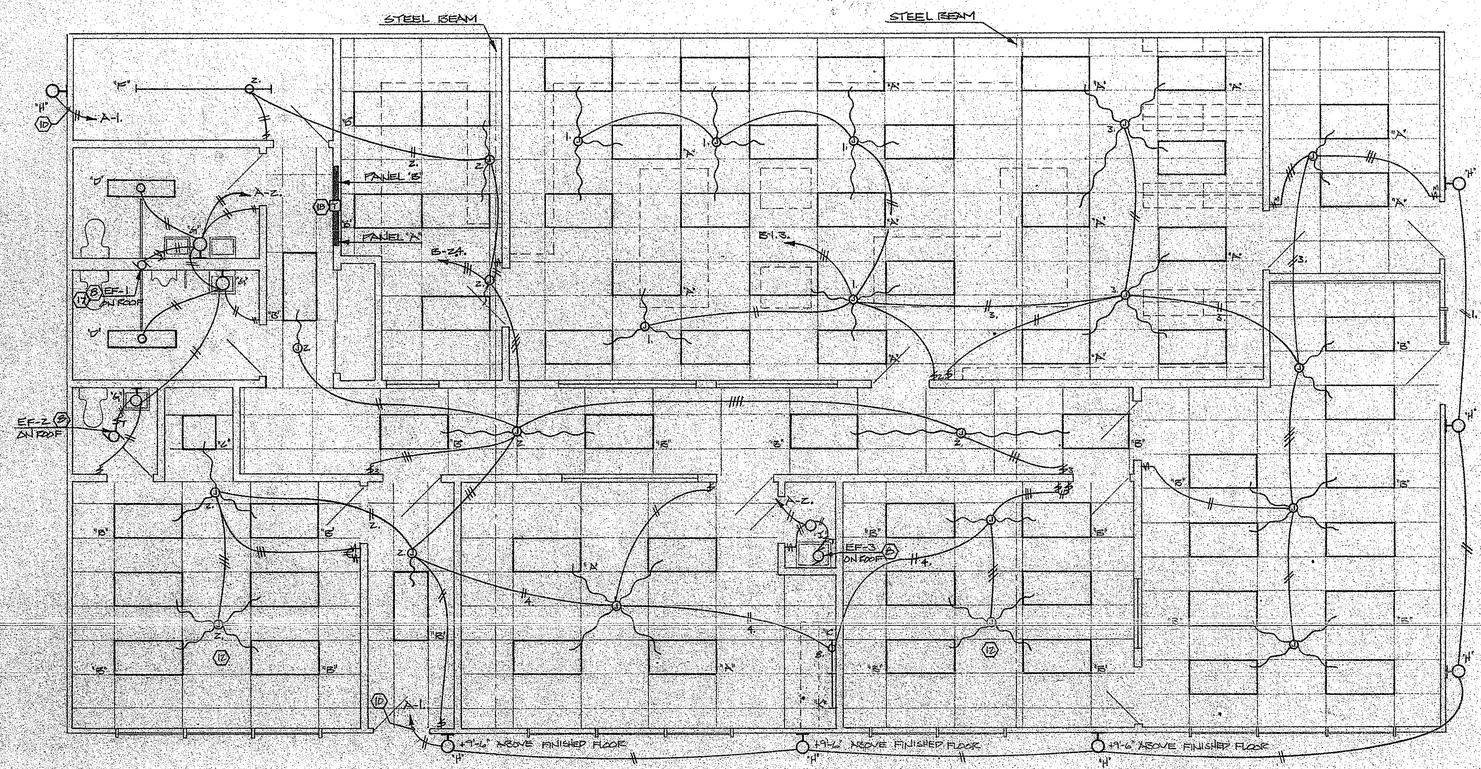
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
ASSIGNED BY NUMBERSTAR

DRAWING NUMBER

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
ASSIGNED BY NUMBERSTAR

DRAWING NUMBER

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ASSIGNED BY NUMBERSTAR



LIGHTING FLOOR PLAN

SCALE 1/4"=1'-0"

PANEL "A" VOLTAGE 120/208 3Ø 4W ☐ SURFACE ☒ FLUSH

ITEM	AMP	POLE	CIR NO	WATTS A	WATTS B	WATTS C		WATTS A	WATTS B	WATTS C	CIR NO	AMP	POLE	ITEM
L EXTERIOR LIGHTS			1	1080				1260			2			L REST ROOMS
SPACE			3						1920		4			R ARMY LAB
E PLUGMOLD			5		1600					1920	6			E
E			7	1620				1920			8			E
R CLERICAL OFFICE			9		1620				1920		10			E
R LAB & STORAGE			11			1440				1920	12			E
R CHIEF'S OFFICE			13	1440				1440			14			E
R OFFICE			15		1440				1920		16			E
R COFFEE POT			17			1600				1920	18			E
E BOFFIA			19	1600				1920			20			E
E LUNCH OFFICE			21		1200				1440		22			E PROTEIN LAB
E DRINKING FOUN.			23			1600				1200	24			E TEST RISE TOWER
E TABLE TENN.			25	1320				1200			26			E LUNCH RM
E			27		1440				1800		28			E OFFICE
WATER HEATER	30	2	29			2250					30			SPACE
			31	2250							32			
SPACE			33								34			SPACE
SPACE			35								36			
			37								38			
			39								40			
			41								42			
TOTALS				PHASE A 18000		PHASE B 15700		PHASE C 16120			PANEL 125920 WATTS OR 1049.3 AMPS			

BUS SIZE 225 AMP MAIN BREAKER "150" AMP LUGS "_____"

PANEL "B" VOLTAGE 277/480 3Ø 4W ☐ SURFACE ☒ FLUSH

ITEM	AMP	POLE	CIR NO	WATTS A	WATTS B	WATTS C		WATTS A	WATTS B	WATTS C	CIR NO	AMP	POLE	ITEM
L			1	5700				2700			2			L
L			3		5700				1800		4			L
SPACE			5								6			SPACE
SPACE			7								8			SPACE
			9								10			
			11								12			
TOTALS				PHASE A 8700		PHASE B 7500		PHASE C			PANEL 16200 WATTS OR 12.39 AMPS			

BUS SIZE 100 AMP MAIN BREAKER "60" AMP LUGS "_____"

NOTE: ALL BREAKERS SHALL BE 20 AMP 1 POLE UNLESS NOTED OTHERWISE.
"L" DENOTES LIGHTING, "R" DENOTES RECEPTACLES "GFI" DENOTES GROUND FAULT BREAKER.
"HLO" DENOTES BREAKER WITH LOCK ON/OFF HANDLE.

WAC: W. WAYS AND ACCESS

DATE 9/26/15

OCTOBER 20, ECONOMIC TESTING LABORATORY ADDITION

STATE GRAIN LABORATORY, STATE OF WASHINGTON
CONTINENTAL GRAIN COMPANY
PORT OF LONGVIEW
LONGVIEW, WASHINGTON

HUGH A. LANGTON REGISTERED PROFESSIONAL ENGINEER STATE OF WASHINGTON

JOB NO 77-307 MARTINEZ

LANGTON, MEHLIG & ASSOC. INC.
ELECTRICAL ENGINEERS
6552 S.E. Lake Road
Milwaukie, Oregon 97222
Ph. 659-6394

SHEET E1-2 OF THREE SHEETS

DRAWING NUMBER

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 075AR

DRAWING NUMBER

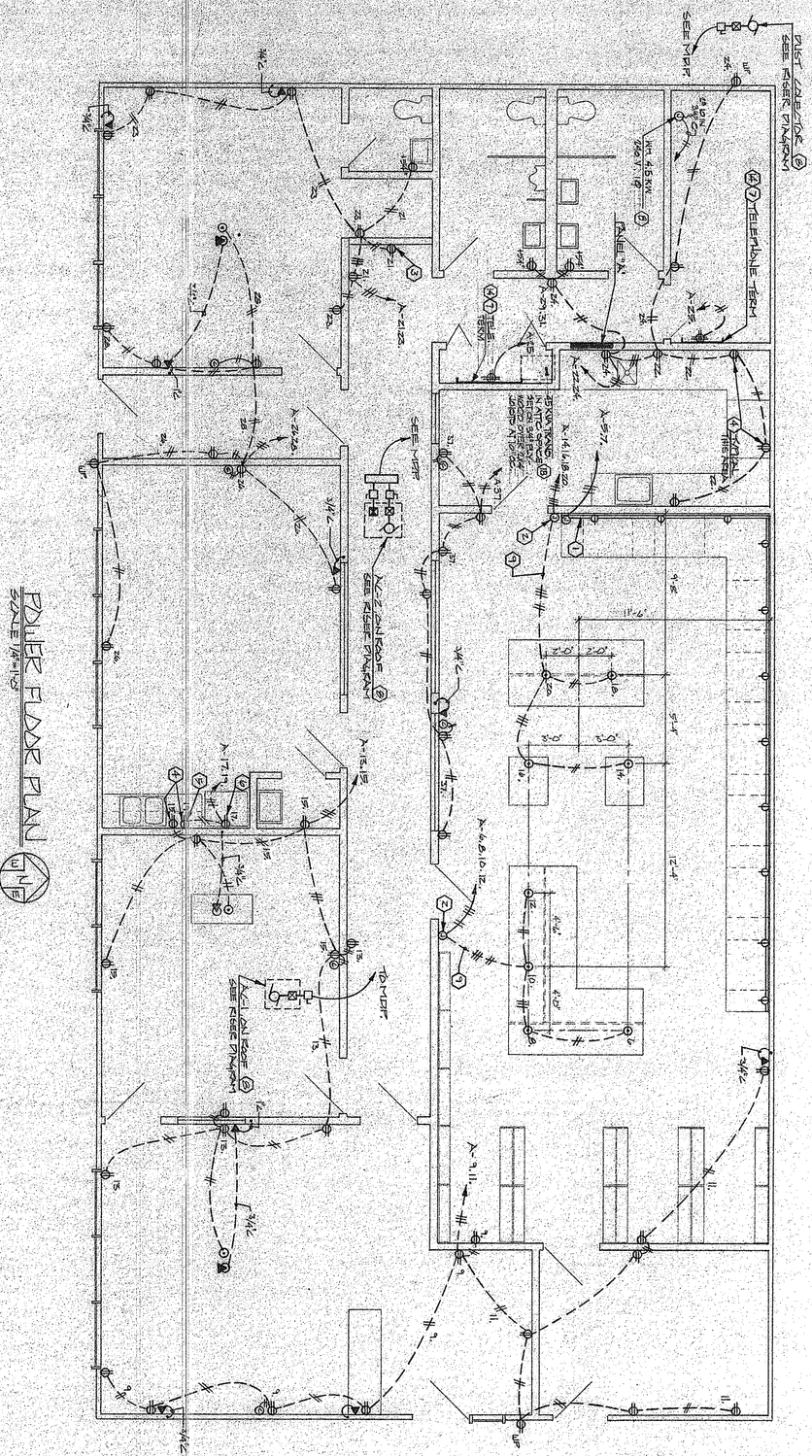
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 075AR

DRAWING NUMBER

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 075AR

DRAWING NUMBER
B366

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 075AR



POWER FLOOR PLAN
SCALE 1/4"=1'-0"

LOS NO. 77-327 MANTHEI

LANGTON, MELLIS & ASSOC., INC.
ELECTRICAL ENGINEERS
6802 S.E. Lake Road
Portland, Oregon 97222
Ph: 659-3084

STATE GRAIN LABORATORY STATE OF WASHINGTON
CONTINENTAL GRAIN COMPANY

PORT OF LONGVIEW
LONGVIEW, WASHINGTON

WADE W. MAXEY AND ASSOC.
1501 OLYMPIA WAY
LONGVIEW, WASHINGTON 98632
TELEPHONE: (206) 636-4160

DATE 080478

SHEET E-3

SHEETS

DRAWING NUMBER B367

PLAN-HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER ITEM

DRAWING NUMBER

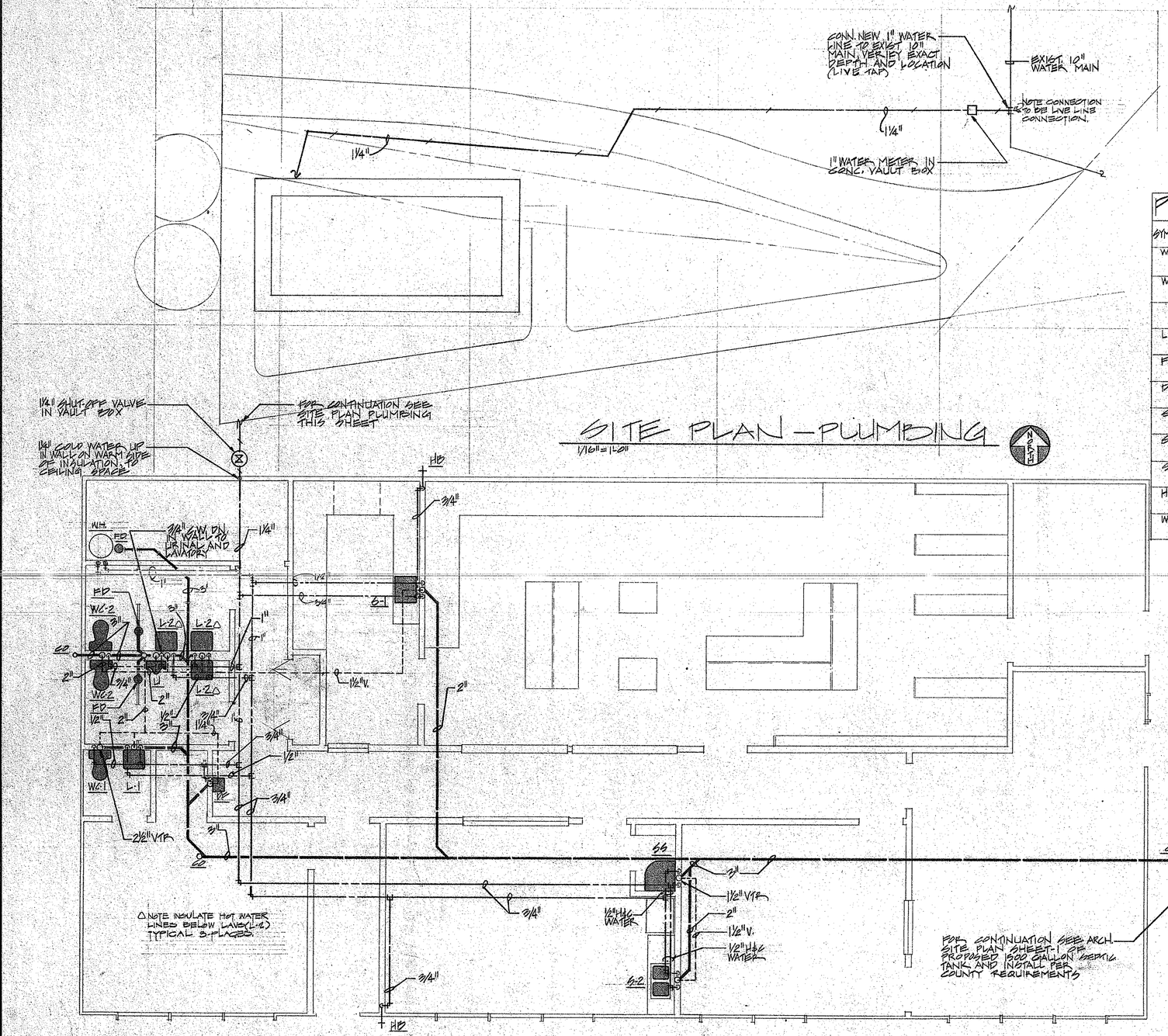
PLAN-HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER ITEM

DRAWING NUMBER

PLAN-HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER ITEM

DATAPRINT STOCKDRAFTING FORM NO. 101-24

DATAPRINT CORP. 600 LITTLEFIELD AVE. SO. SAN FRANCISCO, CA. 94080



SITE PLAN — PLUMBING

1/16" = 1'-0"

FLOOR PLAN - PLUMBING

1/4" = 1'-0"

PIPING LEGEND

- WASTE PIPING BELOW GRADE
- COLD WATER BELOW GRADE
- COLD WATER
- HOT WATER
- VENT

PLUMBING FIXTURE & EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION	CONNECTIONS W	V	HW	CW	Δ	MANUFACTURE	FITTINGS	REMARKS
WC-1	WATER CLOSET	3	2	—	½	—	AMERICAN STANDARD CADET WATER SAVER #2122.448	CHURCH #5330.002 SEAT WITH SPEEDWAY STOPS AND SUPPLIES	
WC-2	WATER CLOSET	3	2	—	½	—	AMERICAN STANDARD ELONGATED WATER SAVER #2108.058	CHURCH #5330.003 SEAT WITH SPEEDWAY STOPS AND SUPPLIES	(18" HGT FOR ELDERLY)
U	URINAL	2	1½	—	¾	—	AMERICAN STANDARD TRIMBROOK WATER SAVER #6540.015	SLOAN ROYAL 186 FLUSH VALVE	
L-1&2	LAVATORY	1½	1½	½	½	—	AMERICAN STANDARD ECHO #2131.222	HERITAGE #8606.295 PANDEL SPEEDWAY STOPS AND SUPPLIES	INSULATE HW SUPPLY AND TAILPIECE ON L-2 ONLY
FD	FLOOR DRAIN	3	1½	—	—	—	JOSAM #30000-A	SATIN BRONZE TOP VANDEL PROOF PRIMER TRAP	PRIME.
DF	DRINKING FOUNTAIN	1½	1¼	—	½	—	HAWS #1107.6 *		STAINLESS STEEL
S-1	SINK	2	1½	½	½	—	ELKAY #DLR-2222-10 STAINLESS STEEL	CHICAGO #50-E3, GINEA-E3, #369 HANDLES	SPEEDWAY STOPS AND SUPPLIES
S-2	SINK	2	1½	½	½	—	ELKAY #DLR-3319 STAINLESS STEEL	CHICAGO #50-E3, GINEA-E3, #369 HANDLES	SPEEDWAY STOPS AND SUPPLIES
SS	SERVICE SINK	3	1½	½	½	—	AMERICAN STANDARD #7745.011	CHICAGO #897 FAUCET WITH VACUUM BREAKER AND #369 KIT	
HB	HOSE BIBB	—	—	—	¾	—	WOODFORD #15 SERIES		FREEZELESS, WALL FAUCET
WH	WATER HEATER	—	—	¾	¾	—	NATIONAL NRG1-52-10	INSTALL TEMP & PRESS. RELIEF VALVE PER A.S.M.E. CODE	

*MOUNT @ CENTER @ 42" OFF FLOOR AND PROVIDE W/ LEVER HANDLE.

MECHANICAL ENGINEER
KEN ENGINEERING INC
2625 PIKE AVE
WILLOWS, OREGON

TELEPHONE (503) 833-0101

DATE: 2-20-78

WASTE W MAKEY & ASSOCIATES
562 CAPITOL WAY
OLYMPIA, WASHINGTON 98502

TELEPHONE 206-

STATE CRAIN LABORATORY - STATE OF WASHINGTON
CONTINENTAL GRAIN CO
PORT OF KALAMA
KALAMA, WASHINGTON 98625

KEN-DA ENGINEERING, INC.
Mechanical-Engineering Consultants
(503) 833-0101
CONTACT DAN PICKETT

ROBERT A. ANDREWS
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL ENGINEER

SHEET
M-1
OF TWO SHEETS

DRAWING NUMBER B 368

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER ATOMR

DRAWING NUMBER

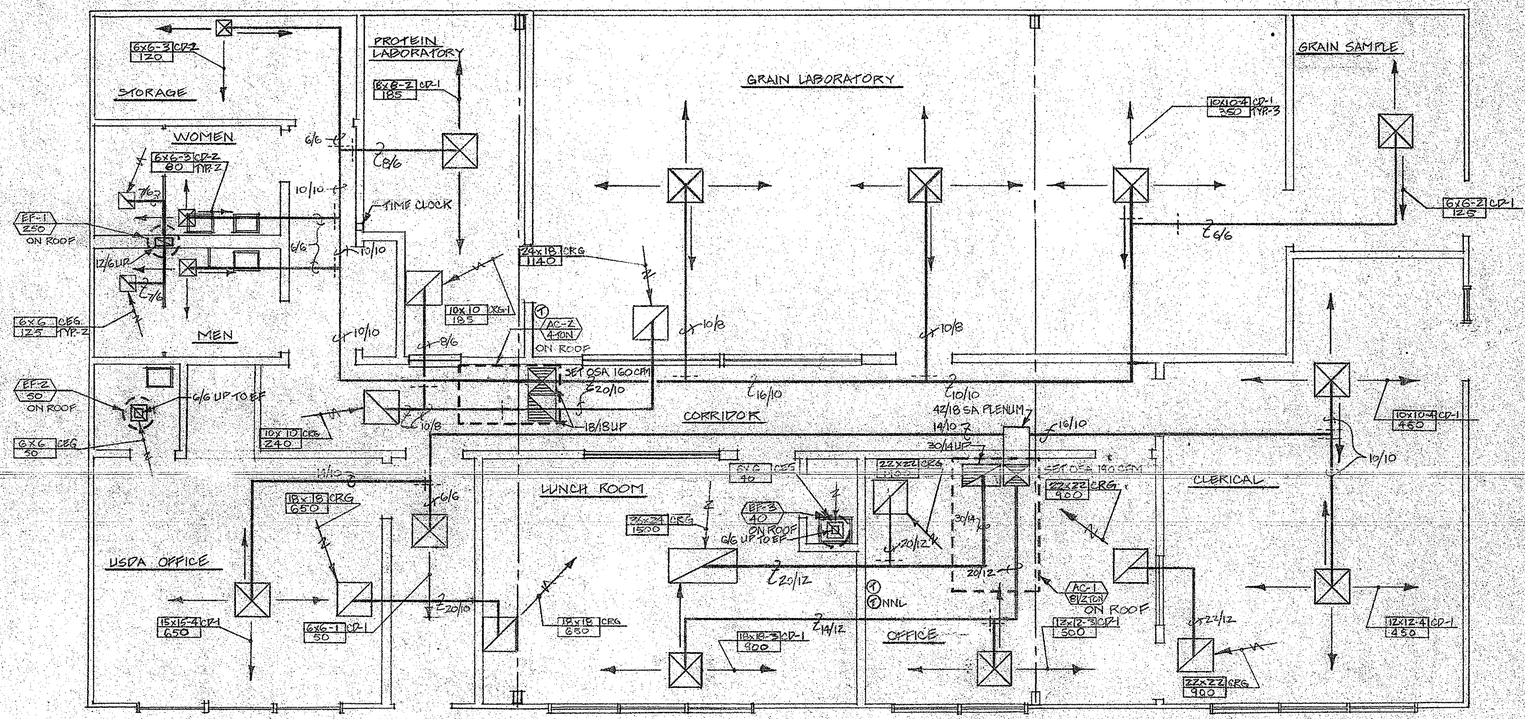
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER ATOMR

DRAWING NUMBER

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER ATOMR

DATAPRINT CORP. 400 LITTLEFIELD AVE SO. SAN FRANCISCO CA 94080

DATAPRINT STOCKDRAFTING FORM NO. 101-84



FLOOR PLAN — HVAC
1/4" = 1'0"

NORTH

EQUIPMENT SCHEDULE

SYMBOL	NOMINAL SIZE	DESCRIPTION	SERVING	ELECTRICAL
AC-1	8-1/2 Ton	ROOFTOP AC UNIT: 3000 CFM at 0.5" E.S.P. Cooling Capacity: 101 TC, 86 SHC at 95° OSA, 64° WB entering evaporator. Heating Capacity: 19 KW input, 65.1 MBH output. Carrier 50 DP 009.	Offices, Lunch Rm.	240V/3ø 71 MWA
AC-2	4 Ton	ROOFTOP AC UNIT: 1600 CFM at 0.4" E.S.P. Cooling Capacity: 44 TC, 37 SHC at 95° OSA, 64° WB entering evaporator. Heating Capacity: 10 KW input, 24 MBH output. Carrier 50 MH 048.	Lab & Storage	240V/3ø 35 MWA
EF-1		ROOF EXHAUST FAN: 2500 CFM at 0.18" E.S.P. Pace DD 350-R.	Restroom	1/50 HP 115V/1ø
EF-2		ROOF EXHAUST FAN: 50 CFM at 0.14 E.S.P. Pace DD-100R.		1/50 HP 115V/1ø
EF-3		ROOF EXHAUST FAN: 40 CFM at 0.14 E.S.P. Pace DD-100R.		1/50 HP 115V/1ø

GRILLE & DIFFUSER SCHEDULE

CEILING DIFFUSER (CD-1): Perforated face diffuser with standard white finish, to fit T-Bar ceiling. Tuttle and Bailey Model CTL4.

CEILING DIFFUSER (CD-2): Same as CD-1 except surface mount. Tuttle and Bailey Model CTE-5.

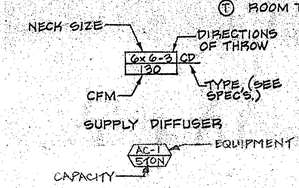
CEILING RETURN GRILLE (CRG): Perforated face grille with standard white finish, to fit T-Bar ceiling. Tuttle and Bailey AN-CT.

CEILING EXHAUST GRILLE (CEG): Same as CRG except surface mount. Tuttle and Bailey T-CT.

DUCT LEGEND

SUPPLY EXHAUST OUTSIDE AIR RETURN AIR

T ROOM THERMOSTAT



MG-AM ENGINEERING, INC.
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STATE GRAIN LABORATORY, STATE OF WASHINGTON
CONTINENTAL GRAIN CO
PORT OF LONGVIEW
LONGVIEW, WASHINGTON 98632

DATE: 12/20/84

SHEET M-2 OF TWO SHEETS