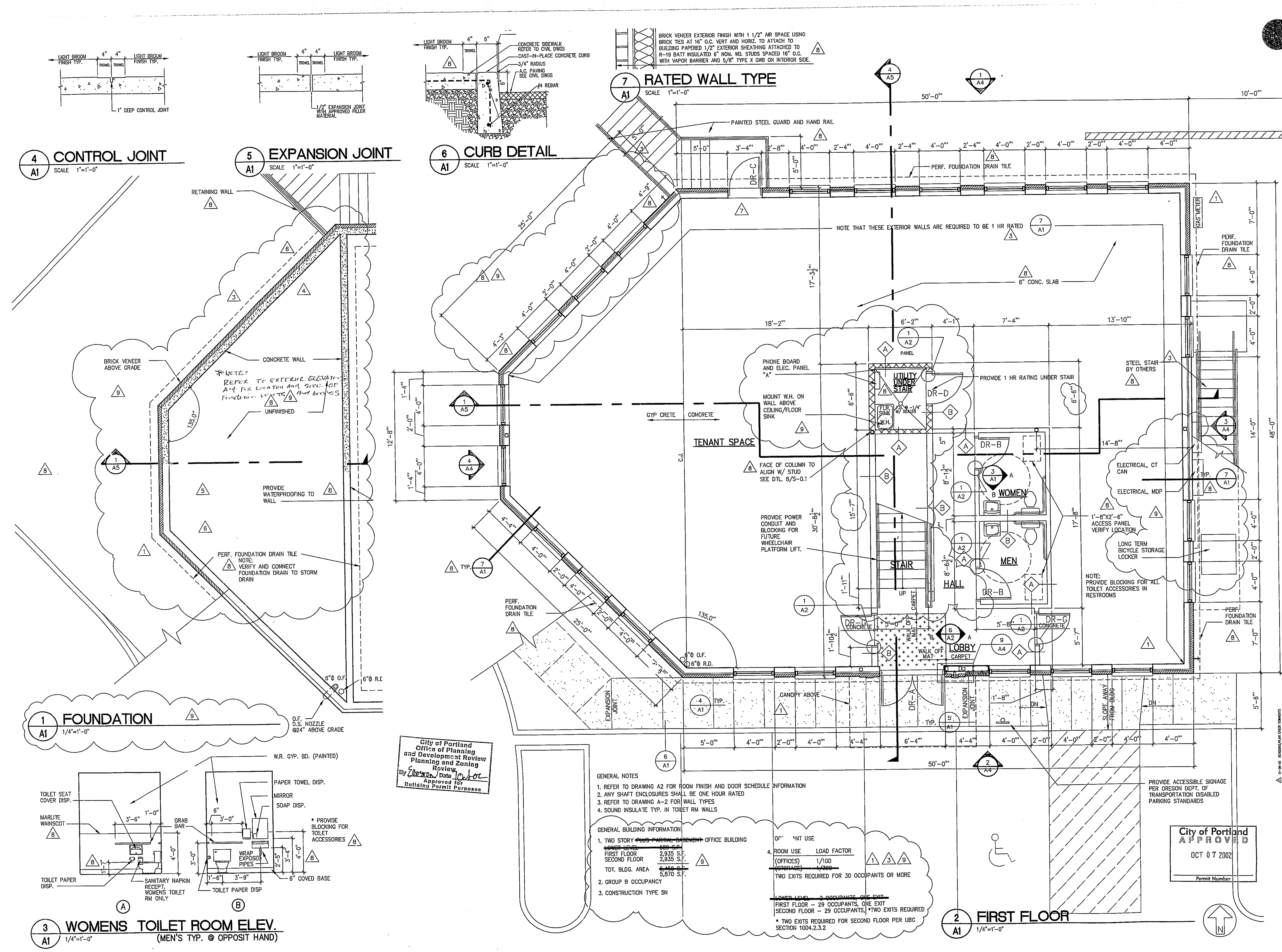


4 CONTROL JOINT SCALE 1"=1'-0"
5 EXPANSION JOINT SCALE 1"=1'-0"
6 CURB DETAIL SCALE 1"=1'-0"
7 RATED WALL TYPE SCALE 1"=1'-0"
BRICK VENEER EXTERIOR FINISH WITH 1 1/2" AIR SPACE USING BRICK TIES AT 16" O.C. VERT AND HORIZ. TO ATTACH TO BUILDING PAPERED 1/2" EXTERIOR SHEATHING ATTACHED TO R-19 BATT INSULATED 6" NOM. WD. STUDS SPACED 16" O.C. WITH VAPOR BARRIER AND 5/8" TYPE X GWB ON INTERIOR SIDE.
1 FOUNDATION 1/4"=1'-0"
3 WOMENS TOILET ROOM ELEV. 1/4"=1'-0" (MEN'S TYP. @ OPPOSIT HAND)
2 FIRST FLOOR 1/4"=1'-0"
NOTE THAT THESE EXTERIOR WALLS ARE REQUIRED TO BE 1 HR RATED
TENANT SPACE
STAIR
HALL
WOMEN
MEN
LOBBY
UTILITY UNDER STAIR
PROVIDE 1 HR RATING UNDER STAIR
PROVIDE ACCESSIBLE SIGNAGE PER OREGON DEPT. OF TRANSPORTATION DISABLED PARKING STANDARDS
GENERAL NOTES
1. REFER TO DRAWING A2 FOR ROOM FINISH AND DOOR SCHEDULE INFORMATION
2. ANY SHAFT ENCLOSURES SHALL BE ONE HOUR RATED
3. REFER TO DRAWING A-2 FOR WALL TYPES
4. SOUND INSULATE TYP. IN TOILET RM WALLS
GENERAL BUILDING INFORMATION
1. TWO STORY ~~PLUS PARTIAL BASEMENT~~ OFFICE BUILDING
~~LOWER LEVEL 580 S.F.~~
FIRST FLOOR 2,935 S.F.
SECOND FLOOR 2,935 S.F.
TOT. BLDG. AREA ~~6,450 S.F.~~ 5,870 S.F.
2. GROUP B OCCUPANCY
3. CONSTRUCTION TYPE 5N
4. ROOM USE LOAD FACTOR
(OFFICES) 1/100
~~(STORAGE) 1/300~~
TWO EXITS REQUIRED FOR 30 OCCUPANTS OR MORE
~~LOWER LEVEL – 2 OCCUPANTS, ONE EXIT~~
FIRST FLOOR – 29 OCCUPANTS, ONE EXIT
SECOND FLOOR – 29 OCCUPANTS, *TWO EXITS REQUIRED
* TWO EXITS REQUIRED FOR SECOND FLOOR PER UBC SECTION 1004.2.3.2
City of Portland Office of Planning and Development Review Planning and Zoning Review Approved for Building Permit Purposes
City of Portland APPROVED OCT 07 2002

STOA International ☆ EKA
Architects Managers Planners

1100 BUILDING
S.W. BARBUR BLVD.
PORTLAND, OREGON

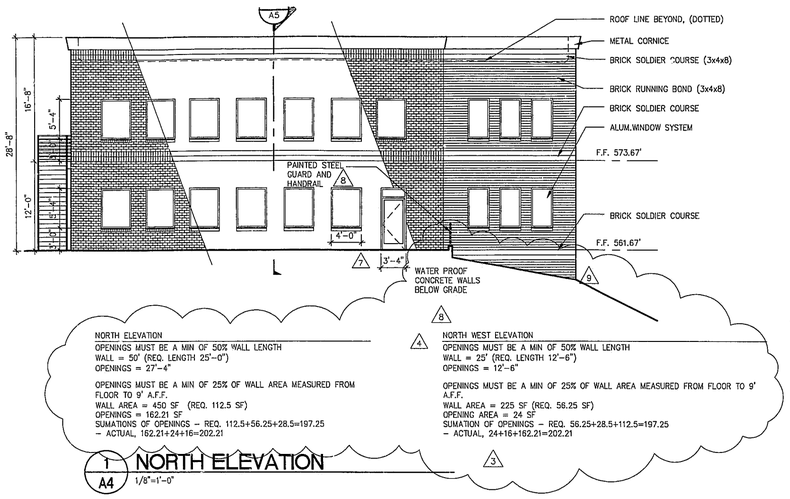
01-159024 RI-CO

Revised:
- 7 05-14-02 MISC. REVISIONS
- 8 07-29-02 MISC. REVISIONS
- 9 09-26-02 VALUE ENGINEERING

Job No: 01-58
Date: 09-04-01
File: 0158 A1
DRAWN: NYL
CHECKED: RRK

Sheet Title
FIRST FLOOR AND BASEMENT PLAN

Sheet Number
A-1



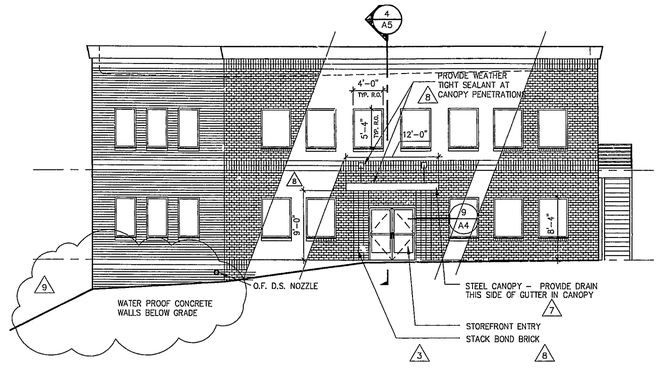
NORTH ELEVATION
OPENINGS MUST BE A MIN OF 50% WALL LENGTH
WALL = 50' (REQ. LENGTH 25'-0")
OPENINGS = 27'-4"

OPENINGS MUST BE A MIN OF 25% OF WALL AREA MEASURED FROM FLOOR TO 9' A.F.F.
WALL AREA = 450 SF (REQ. 112.5 SF)
OPENINGS = 162.21 SF
SUMATIONS OF OPENINGS - REQ. 112.5+56.25+28.5=197.25
- ACTUAL, 162.21+24+16=202.21

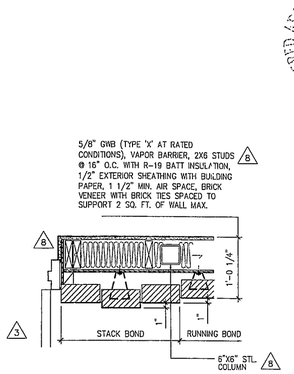
NORTH WEST ELEVATION
OPENINGS MUST BE A MIN OF 50% WALL LENGTH
WALL = 25' (REQ. LENGTH 12'-6")
OPENINGS = 12'-6"

OPENINGS MUST BE A MIN OF 25% OF WALL AREA MEASURED FROM FLOOR TO 9' A.F.F.
WALL AREA = 225 SF (REQ. 56.25 SF)
OPENING AREA = 24 SF
SUMATION OF OPENINGS - REQ. 56.25+28.5+112.5=197.25
- ACTUAL, 24+16+162.21=202.21

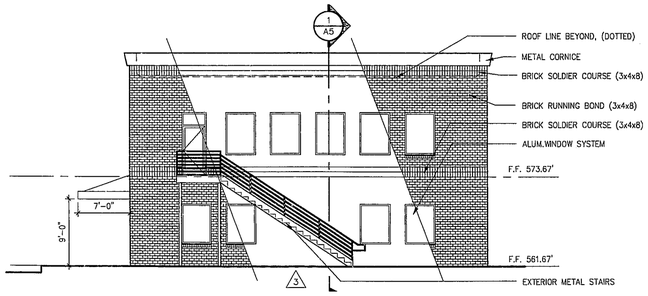
1 A4 NORTH ELEVATION
1/8"=1'-0"



2 A4 SOUTH ELEVATION
1/8"=1'-0"

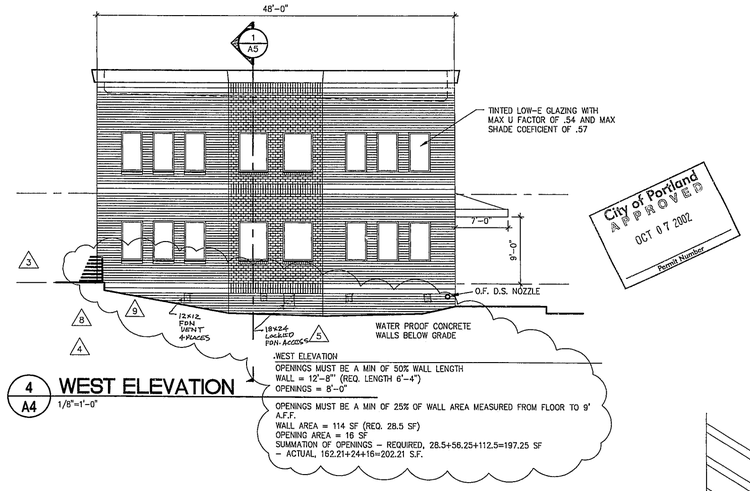


9 A4 PILASTER DETAIL
1"=1'-0"



3 A4 EAST ELEVATION
1/8"=1'-0"

City of Portland
Office of Planning and Development Review
Planning and Zoning Review
By Date 10-07
Approved for Building Permit Purposes

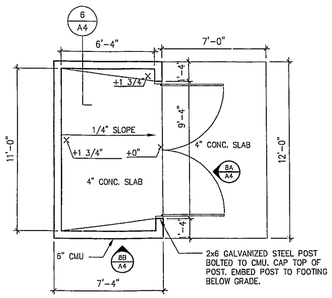


WEST ELEVATION
OPENINGS MUST BE A MIN OF 50% WALL LENGTH
WALL = 12'-8" (REQ. LENGTH 6'-4")
OPENINGS = 8'-0"

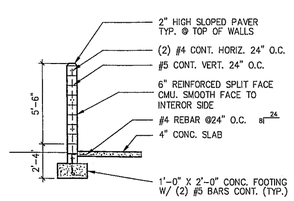
OPENINGS MUST BE A MIN OF 25% OF WALL AREA MEASURED FROM FLOOR TO 9' A.F.F.
WALL AREA = 114 SF (REQ. 28.5 SF)
OPENING AREA = 16 SF
SUMMATION OF OPENINGS - REQUIRED, 28.5+56.25+112.5=197.25 SF
- ACTUAL, 162.21+24+16=202.21 S.F.

4 A4 WEST ELEVATION
1/8"=1'-0"

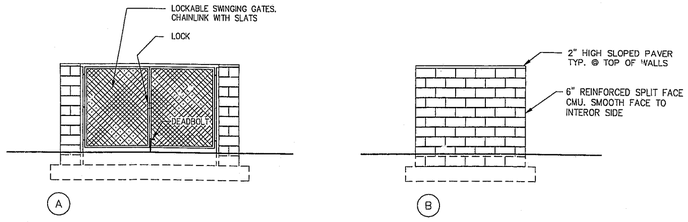
City of Portland
APPROVED
OCT 07 2002
Permit Number



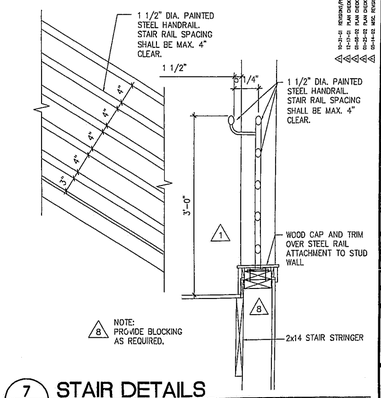
5 A4 TRASH ENCLOSURE PLAN
1/4"=1'-0"



6 A4 TRASH ENCLOSURE SECTION
1/4"=1'-0"



8 A4 TRASH ENCLOSURE ELEVATION
1/4"=1'-0"



7 A4 STAIR DETAILS
1"=1'-0"

STO. international ☆ EKA
Architects Managers Planners
6775 S.W. 111th AVENUE - SUITE 20
BEAVERTON, OREGON 97008
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11000 BUILDING
S.W. BARBUR BLVD.
PORTLAND, OREGON

Revised:
07-29-02 MISC. REVISIONS
09-26-02 VALUE ENGINEERING

Job No: 01-58
Date: 09-04-01
File: 0158 A4
DRAWN: NYL
CHECKED: RRK

Sheet Title
EXTERIOR ELEVATIONS

Sheet Number
A-4

OCT 25 2002
MICROFILMED

V. 49.

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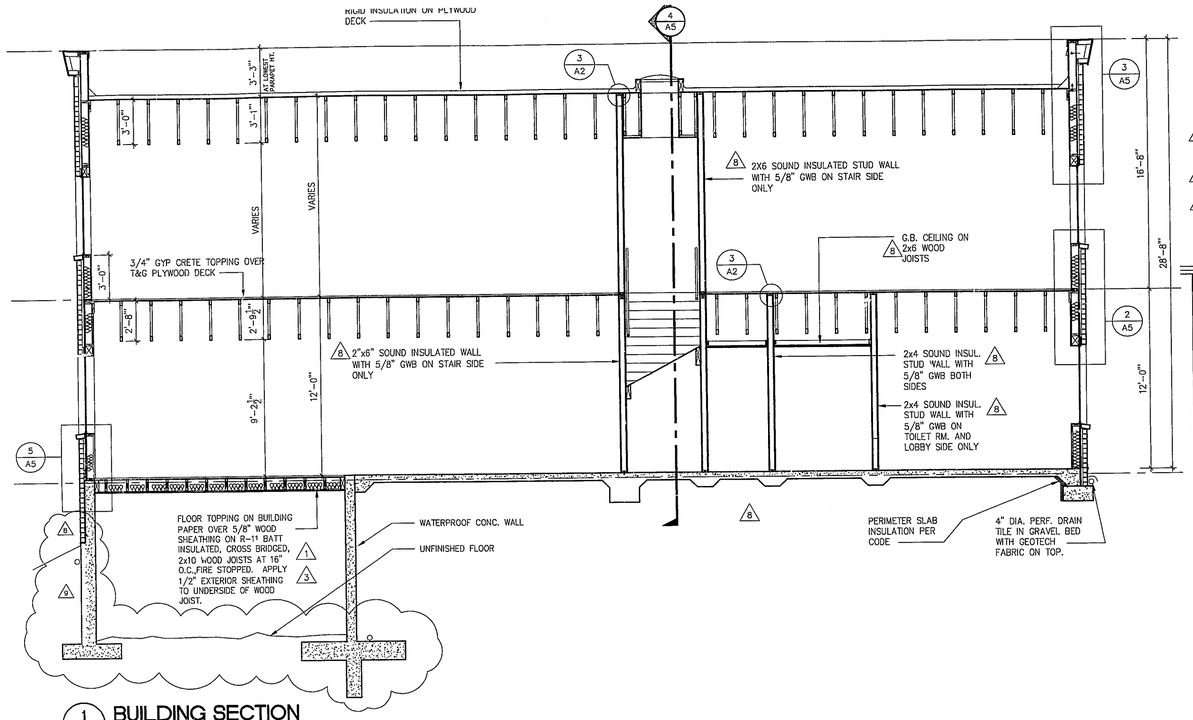
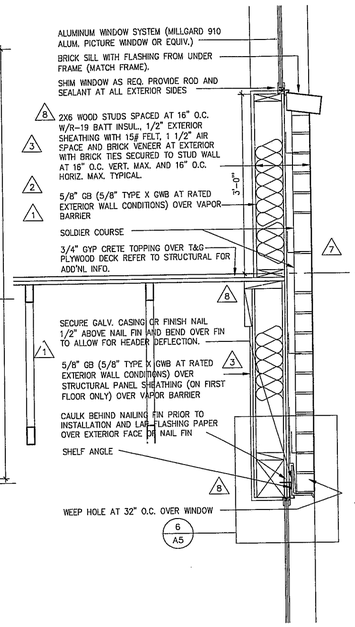


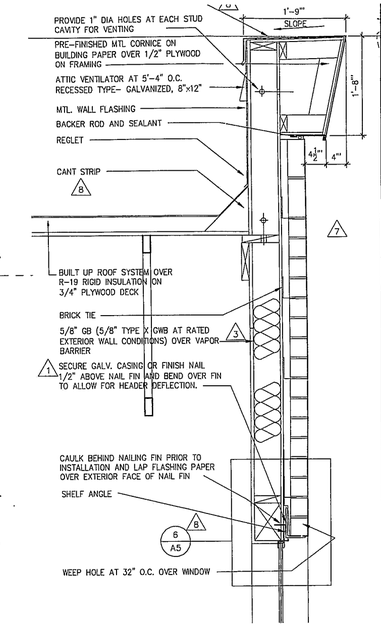
1 A5 BUILDING SECTION

1/4"=1'-0"



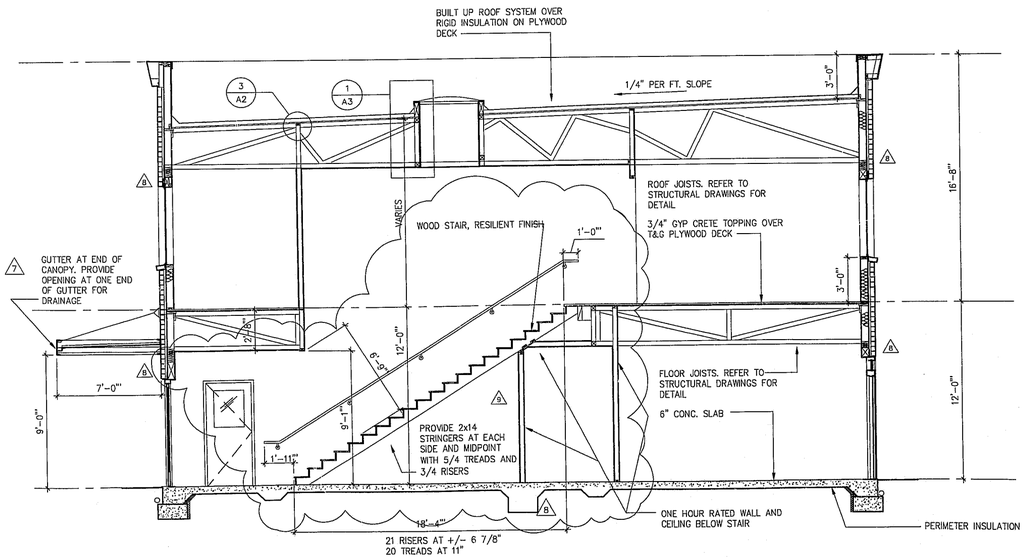
2 A5 WINDOW SILL DETAIL

1" = 1'-0"



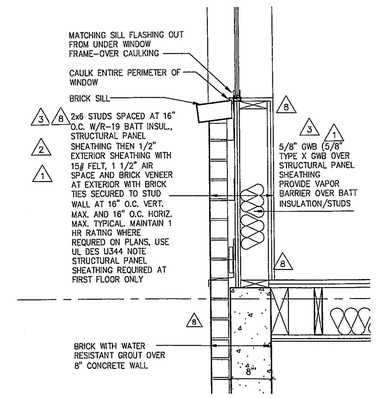
3 A5 CORNICE DETAIL

1" = 1'-0"



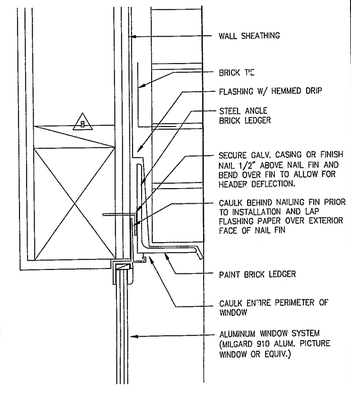
4 A5 BUILDING SECTION

1/4"=1'-0"



5 A5 DETAIL

1" = 1'-0"



6 A5 DETAIL

1 1/2" = 1'-0"

City of Portland
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OCT 07 2002
Permit Number

STOA International ☆ EKA
Architects Managers Planners
6775 S.W. 111th AVENUE, SUITE 20
BEAVERTON, OREGON 97008
PHONE 5035944-4222 FAX 5035944-5957 E-MAIL stoa@teleport.com

11000 BUILDING

S.W. BARBUR BLVD.
PORTLAND, OREGON

Revised:
09-26-02 VALUE ENGINEERING

Job No: 01-58
Date: 09-04-01
File: 0158 A5
DRAWN: NYL
CHECKED: RRK

Sheet Title
SECTIONS

Sheet Number
A-5

11-08-01 REVISIONS/PLAN CHECK COMMENTS
11-14-01 REVISIONS/PLAN CHECK COMMENTS
12-17-01 PLAN CHECK COMMENTS
01-14-02 MISC REVISIONS
07-08-02 MISC REVISIONS

OCT 25 2002
MICROFILMED

V. 49

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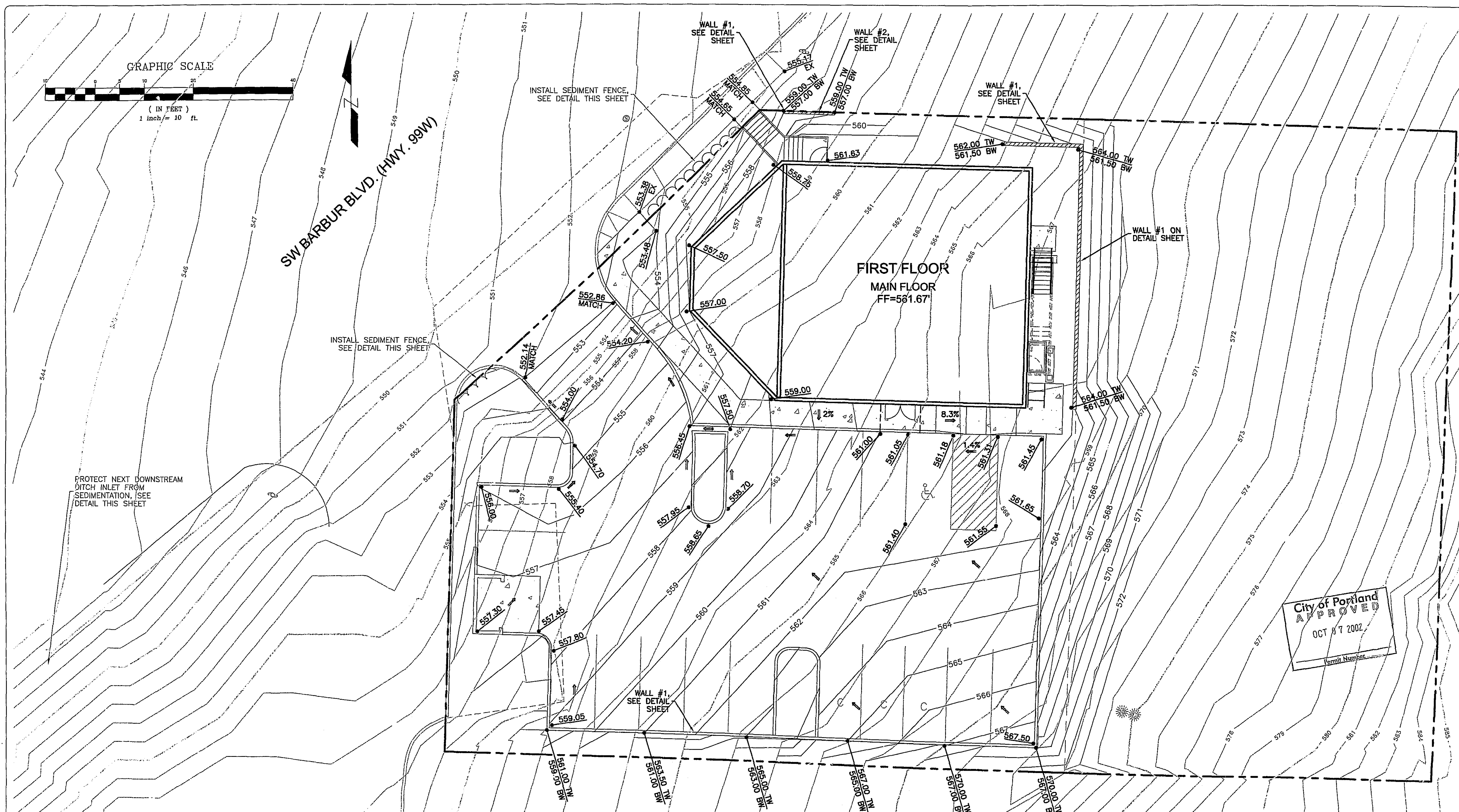
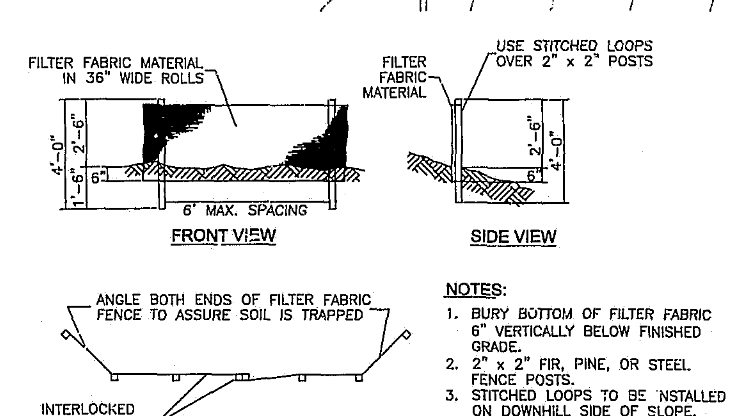
V. 49.





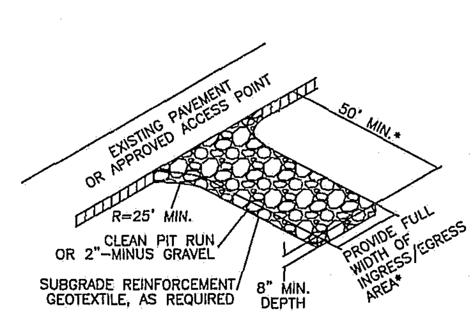
NOTES:

–EXISTING CONTOURS SHOWN FADED
–FINISHED GRADE CONTOURS SHOWN BOLD
–ALL GRADING SHALL BE DONE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT FROM ADAPT ENGINEERING DATED 9/30/99

NOTES:

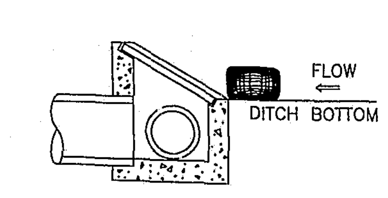
1. BURY BOTTOM OF FILTER FABRIC 6" VERTICALLY BELOW FINISHED GRADE.
2. 2" x 2" FIR, PINE, OR STEEL. FENCE POSTS.
3. STITCHED LOOPS TO BE INSTALLED ON DOWNHILL SIDE OF SLOPE.
4. COMPACT ALL AREAS OF FILTER FABRIC TRENCH.

SEDIMENT FENCE



*20' MIN. FOR SINGLE FAMILY AND DUPLEX RESIDENTIAL

GRAVEL CONSTRUCTION ENTRANCE



DITCH INLET PROTECTION

EROSION CONTROL NOTES:

1. CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION/SEDIMENTATION CONTROL DURING CONSTRUCTION PER THE EROSION CONTROL TECHNICAL GUIDANCE *HANDBOOK (ECHB) DATED FEBRUARY 1994. THE MINIMUM* EROSION/SEDIMENTATION CONTROL MEASURES SHALL BE AS FOLLOWS:
2. APPROVAL OF THIS EROSION/SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. SIZE AND LOCATION OF ROADS, PIPES, RESTRICTIONS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.)
3. THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND VEGETATION/LANDSCAPING IS ESTABLISHED.
4. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN *CONJUNCTION WITH ALL CLEARING* AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
5. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, *THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED* STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT–LADEN WATER DO NOT LEAVE THE SITE.
6. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
7. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 48 HOURS FOLLOWING A STORM EVENT.
8. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A TRAPPED CATCH BASIN. ALL CATCH BASINS AND *CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING* OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
9. STABILIZED GRAVEL CONSTRUCTION ENTRANCES SHALL REINSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURE MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
10. STORM DRAIN INLETS, BASINS AND AREA DRAINS SHALL BE PROTECTED UNTIL PAVEMENT SURFACES ARE COMPLETED AND/OR VEGETATION IS REESTABLISHED.
11. PAVEMENT SURFACES AND VEGETATION ARE TO BE PLACED AS RAPIDLY AS POSSIBLE.
12. SEEDING, MULCHING AND REVEGETATION SHALL BE PERFORMED AS SOON AS GRADING IS COMPLETED FOR EACH PHASE OF CONSTRUCTION.
13. STRAW BALES MAY BE NEEDED TO REDUCE VELOCITY OF RUNOFF IF SHEET FLOWS BECOME CHANNELLED. ADDITIONAL LAYERS OF SEDIMENT FENCE SHALL BE CONSTRUCTED NEAR THE OUTLET OF THESE AREAS.

W...in Engineering, P.C.
PLANNERS, CIVIL ENGINEERS, AND SURVEYORS
8000 S.W. PFAFFLE STREET, PORTLAND, OREGON 97223
PHONE (503) 598-1866 FAX (503) 598-1868

REGISTERED PROFESSIONAL ENGINEER 16166 OREGON SEPTEMBER 1992 EDWARD K. CHRISTENSEN
VALID THROUGH 12–31–03

11000 BUILDING

GRADING AND EROSION CONTROL PLAN

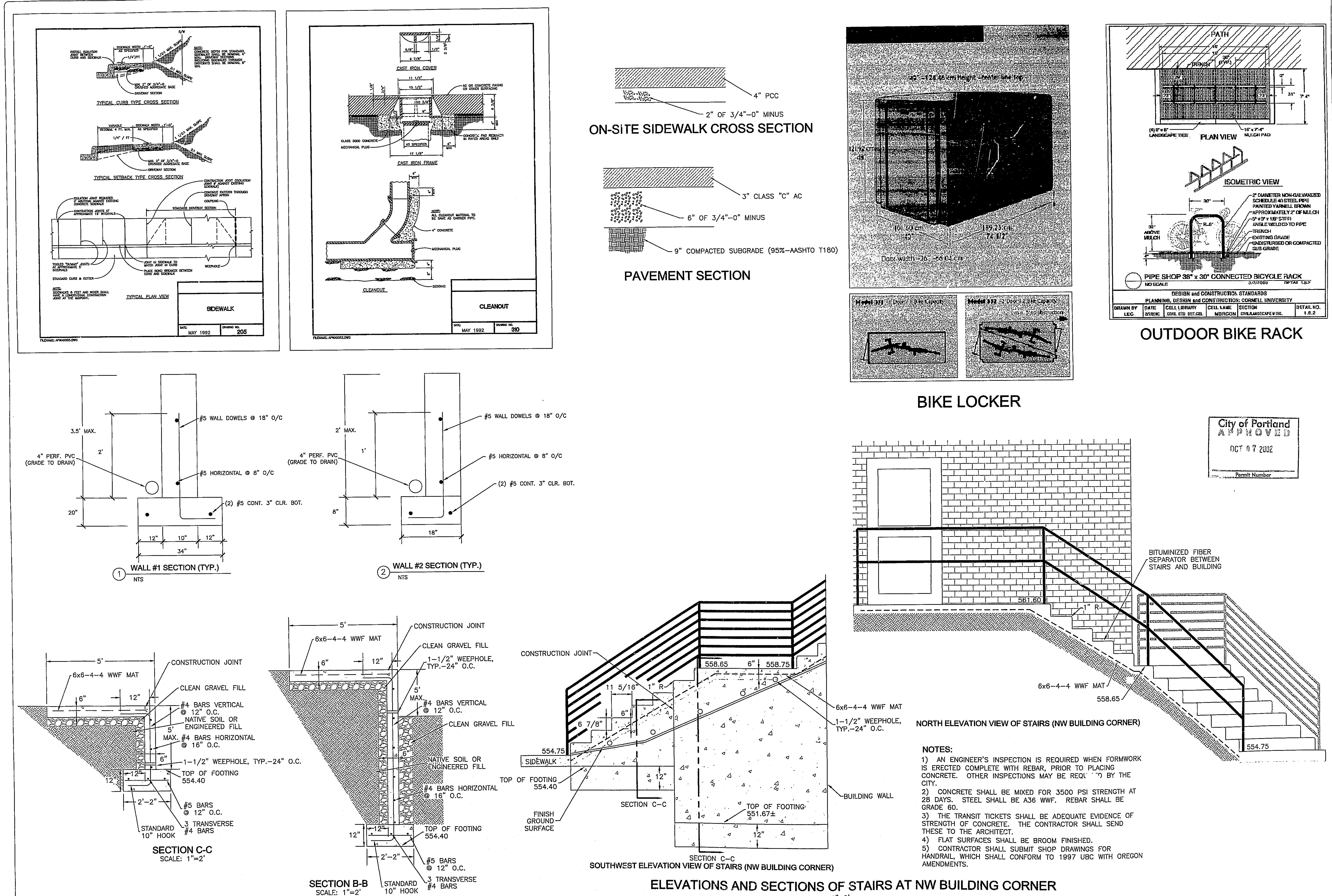
CITY OF PORTLAND
BUREAU OF PLANNING
1900 S.W. 5TH AVE., SUITE 4100
PORTLAND, OR 97201
PHONE: (503) 823-7700

NO.	DATE	DESCRIPTIONS	CHECKED
1	11/6/01	city redlines	EKC
2	12/14/01	city redlines	EKC
3	1/3/02	city redlines	EKC
4	5/14/02	door removed + bike rack adjusted	EKC
5	10/2/02	basement removed	EKC

HOR. SCALE: 1"=10'
VERT. SCALE: N/A
DESIGNED BY RH
DRAWN BY RH
CHECKED BY EKC
FLD. BK. NO. N/A

DATE: 6/21/01
PROJECT NO. 97-500.23
DRAWING NO. 750023SIT

SHEET C4



NOTES:

1) AN ENGINEER'S INSPECTION IS REQUIRED WHEN FORMWORK IS ERECTED COMPLETE WITH REBAR, PRIOR TO PLACING CONCRETE. OTHER INSPECTIONS MAY BE REQU[illegible]D BY THE CITY.
2) CONCRETE SHALL BE MIXED FOR 3500 PSI STRENGTH AT 28 DAYS. STEEL SHALL BE A36 WWF. REBAR SHALL BE GRADE 60.
3) THE TRANSIT TICKETS SHALL BE ADEQUATE EVIDENCE OF STRENGTH OF CONCRETE. THE CONTRACTOR SHALL SEND THESE TO THE ARCHITECT.
4) FLAT SURFACES SHALL BE BROOM FINISHED.
5) CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR HANDRAIL, WHICH SHALL CONFORM TO 1997 UBC WITH OREGON AMENDMENTS.

City of Portland APPROVED OCT 07 2002 Permit Number

Welkin Engineering, P.C.
PLANNERS, CIVIL ENGINEERS, AND SURVEYORS
8000 S.W. PFAFFLE STREET, PORTLAND, OREGON 97223
PHONE (503) 598-1866 FAX (503) 598-1868

REGISTERED PROFESSIONAL ENGINEER 15680 OREGON HARRIS HYMAN EXPIRES 06-30-03

11000 BUILDING
DETAIL SHEET

CITY OF PORTLAND
BUREAU OF PLANNING
1900 S.W. 5TH AVE., SUITE 4100
PORTLAND, OR 97201
PHONE: (503) 823-7700

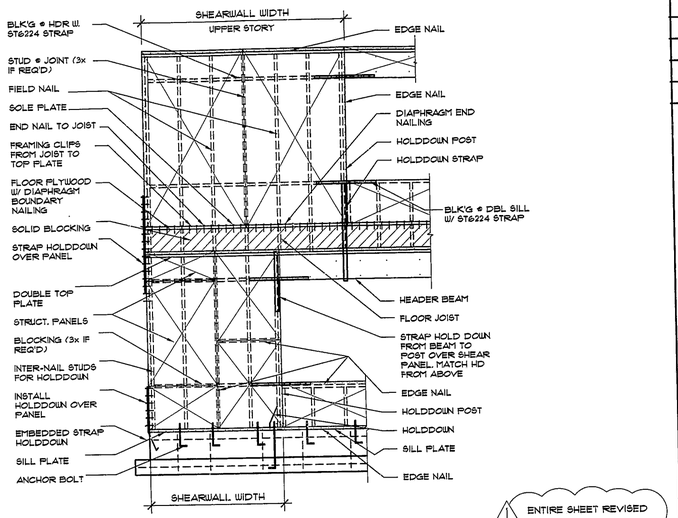
NO.	DATE	DESCRIPTIONS	CHECKED
1	11/6/01	city redlines	EKC
2	12/14/01	city redlines	EKC
3	1/9/02	city redlines	EKC
4	1/24/02	city redlines	EKC
5	8/1/02	stair cross-section added	RH
6	8/9/02	stair elevations added	RH
7	9/11/02	stairs changed	RH
8	10/2/02	storage area removed	RH

HOR. SCALE: 1"=10'
VERT. SCALE: N/A
DESIGNED BY RH
DRAWN BY RH
CHECKED BY EKC
FLD. BK. NO. N/A

DATE: 6/21/01
PROJECT NO. 97-500.23
DRAWING NO. 750023SIT
SHEET C6

49.

V.

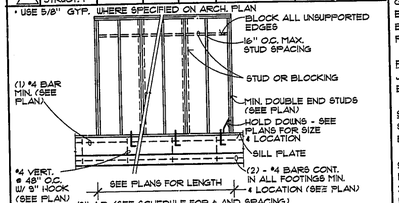


ENTIRE SHEET REVISED

(18) OFFSET SHEARWALL ELEVATION

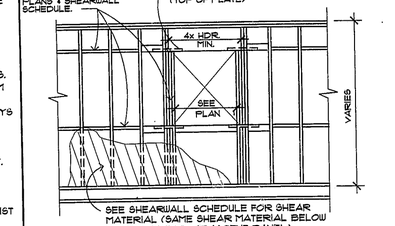
TYPE	SHEAT'G	SIDE (S)	STUD BLK'G	SILL PLATE	EDGES NAIL'G	WALL ANCHOR
1	1/2" GYP.	ONE	2X	2X	7d COOLER NAILS @ 5" O.C.	1/2"ø @ 48" 16d @ 12"
2	1/2" GYP.	BOTH	2X	2X	7d COOLER NAILS @ 5" O.C.	1/2"ø @ 48" 16d @ 6"
3	15/32" APA RATED	ONE	2X	2X	10d @ 6" O.C.	1/2"ø @ 36" 16:1 @ 6"
4	15/32" APA RATED	ONE	2X	2X	10d @ 4" O.C.	1/2"ø @ 24" 16d @ 4"
5	15/32" APA RATED	BOTH	2X	2X	10d @ 6" O.C.	1/2"ø @ 16" 16d @ 3"
6	15/32" APA RATED	BOTH	2X	3X	10d @ 4" O.C.	5/8"ø @ 12" (2) 20d @ 4"
7	15/32" STRUCT. I	BOTH	3X	3X	10d @ 4" O.C.	5/8"ø @ 12" (2) 20d @ 3"

* USE 5/8" GYP. WHERE SPECIFIED ON ARCH. PLAN



1. ALL EXTERIOR WALLS TO BE SHEATHED WITH 15/32" APA-RATED CD-X SHEATHING, MIN. SEE PLANS.
2. WALL ANCHOR - ANCHOR BOLTS TO BE USED AT WALLS OVER FOUNDATION WALL 16d NAILS USED AT BOTTOM PLATES TO FLOOR FRAMING BELOW. 1/2"ø x10" AB @ 4'-0" O.C., EXCEPT AS NOTED.
3. "△" SYMBOL INDICATES THE SHEARWALL. THE NUMBER INSIDE OF THE SYMBOL INDICATES THE TYPE OF SHEAR MATRIAL AS SHOWN ON THE SHEARWALL SCHEDULE.
4. 10d AND 16d NAILS SHALL BE COMMON NAILS.
5. NAIL "COLLECTOR" BLOCKING TO PLYWOOD WITH SAME AS EDGE NAILING. SEE PLAN FOR LOCATION.
6. SHEARWALLS SHALL EXTEND FROM SILL PLATE TO ROOF OR SECOND FLOOR DIAPHRAGM. USE SHEAR MATERIAL, BLOCKS OR OTHER STRUCTURAL ELEMENTS TO PROVIDE A POSITIVE CONNECTION BETWEEN DIAPHRAGM AND WALLS. SEE DETAIL.
7. WHERE PLYWOOD IS APPLIED ON BOTH FACES OF WALL AND NAIL SPACING IS LESS THAN 6", PANEL JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS OR FRAMING SHALL BE 3x.
8. WHERE 2 ROWS OF NAILS ARE REQUIRED, THEY MUST BE STAGGERED.

(10) SHEARWALL SCHEDULE



(11) WINDOW IN SHEARWALL FRAMING

LUMBER:

ALL LUMBER SHALL BE AS FOLLOWS: GRADED IN ACCORDANCE WITH WESTERN WOOD PRODUCTS ASSOCIATION (WWPA) OR WEST COAST LUMBER BOARD GRADING RULES (WCLIB). EACH PIECE SHALL BEAR THE STAMP OF AN APPROVED GRADING AGENCY.

FRAMING:
A. STUDS.....DOUGLAS FIR LARCH #2 (DRY)
B. 5x OR SMALLER.....DOUGLAS FIR LARCH #2 OR BTR (DRY)
C. 6x OR LARGER.....DOUGLAS FIR LARCH #1 OR BTR (DRY)

ROOF PLYWOOD: 5/8" APA-RATED C-D INDEX 32/16 WITH EXTERIOR GLUE (OR OSB EQUIVALENT) WITH ONE FLY CLIP AT UNBLOCKED EDGE. NAIL WITH 10d COMMON NAILS @ 6" O.C. EDGES AND BOUNDARY AND 12" O.C. FIELD, UNLESS OTHERWISE NOTED ON THE PLANS.

FLOOR PLYWOOD: 7/8" COMPLY WITH TJI JOISTS. PLYWOOD GLUE TO JOISTS AND NAIL WITH 10d COMMON NAILS @ 6" O.C. BOUNDARY AND EDGES AND 12" O.C. FIELD, UNLESS OTHERWISE NOTED ON THE PLANS.

SHEARWALL PLYWOOD: APA-RATED 15/32"; SEE SHEARWALLS SCHEDULE FOR FOR NAILING PATTERN. ALL EXTERIOR WALLS ARE TO BE ASSUMED TO BE A MINIMUM OF TYPE 1 UNLESS OTHER WISE NOTED.

GLULAM LUMBER: SHOULD THIS PRODUCT BE SPECIFIED ON THESE PLANS, USE WESTERN SPECIES DF, 24F-V4 FOR SIMPLE SPANS AND 24F-V8 FOR CONTINUOUS SPANS OVER SUPPORTS. GLU LAMINATED LUMBER SHALL CONFORM TO THE PROVISIONS OF ANSI/AITC A190.1 CURRENT EDITION.

PROVIDE AITC CERTIFICATES FOR GLU-LAM BEAMS TO OWNER, ARCHITECT AND BUILDING DEPARTMENT.

CONNECTIONS: ALL METAL CONNECTORS WILL BE BY SIMPSON STRONG-TIE.

NAILING: ALL NAILS REFERRED TO ON THIS PLAN SHALL BE COMMON. TYPICAL NAILING SHALL FOLLOW 1997 UBC TABLE 23-II-B-1. THIS TABLE IS REPRODUCED IN PART BELOW. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE ENTIRE TABLE AND THE RELATED COMMENTS

CONNECTION	NAILING
1. JOIST TO SILL OR GIRDER, TOENAIL	3-8d
2. BRIDGING TO JOIST, TOENAIL EACH END	2-8d
3. 1x6 SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL	2-8d
4. WIDER THAN 1x6 SUBFLOOR TO EACH JOIST, FACE NAIL	3-8d
5. 2" SUBFLOOR TO JST OR GIRDER, BLIND AND FACE NAIL	2-16d
6. SOLE PLATE TO JST OR BLKING, TYP. FACE NAIL	16d@16"O.C.
SOLE PLATE TO JST OR BLKING, @BRACED WALL PNLS	3-16d/16"
7. TOP PLATE TO STUD, END NAIL	2-16d
8. STUD TO SOLE PLATE	4-8d TOENAIL OR 2-16d END NAIL
9. DOUBLE STUD, FACE NAIL	16d@24"O.C.
10 DBL TOP PLATE, TYP. FACE NAIL	16d@16"O.C.
DBL TOP PLATE, TYP. LAP SPLICE	8-16d
11 BLKING BTWN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL	3-8d
12 RIM JOIST TO TOP PLATE, TOENAIL	8d@6"O.C.
13 TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	2-16d
14 CONTINUOUS HEADER, TWO PIECES	16d@16"O.C. ALONG EACH END
15 CEILING JOIST TO PLATE, TOENAIL	5-8d
16 CONTINUOUS HEADER TO STUD, TOENAIL	4-8d
17 CEILING JOIST LAP OVER PARTITIONS, FACE NAIL	3-16d
18 CEILING JOIST TO PARALLEL RAFTERS, FACE NAIL	3-16d
19 RAFTER TO PLATE, TOENAIL	3-8d
20 1" BRACE TO EACH STUD AND PLATE, FACE NAIL	2-8d
21 1x8 SHEATHING OR LESS TO EA. BEARING, FACE NAIL	2-8d
22 WIDER THAN 1x8 SHEATHING TO EACH BEARING, FACE NAIL	3-8d
23 BUILT-UP CORNER STUDS	16d@24"O.C.
24 BUILT UP GIRDERS AND BEAMS	20d@ TOP & BOTT. AND STAGGERED 2-20d @ ENDS & @ EACH SPLICE
25 2" PLANKS	2-16d@ EACH BEARING

PRE-ENGINEERED TRUSSES:

PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE 1997 UNIFORM BUILDING CODE AND THESE CONSTRUCTION DOCUMENTS.

THREE SETS EACH OF WET STAMPED SHOP DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED TO THE ARCHITECT, LOCAL JURISDICTION BUILDING DEPARTMENT REPRESENTATIVE, THE GENERAL CONTRACTOR AND THE ENGINEER-OF-RECORD. PRODUCTION OF THESE TRUSSES SHALL NOT PROCEED UNTIL THE SHOP DRAWINGS HAVE BEEN REVIEWED BY THE PARTIES NAMED ABOVE.

GEOTECHNICAL OBSERVATION:

THE SOILS ENGINEER, KRAZEN AND ASSOCIATES, SHALL HAVE A REPRESENTATIVE ON-SITE DURING EXCAVATION TO REVIEW THE CONDITIONS AND VERIFY EXCAVATIONS ARE SUITABLE BASED ON THEIR REPORT, THE UNIFORM BUILDING CODE AND THE APPROVED PLANS AND SPECIFICATIONS. A COPY OF THEIR OBSERVATION REPORT SHALL INCLUDE COPIES TO THE CITY'S SPECIAL INSPECTION DIVISION, THE OWNER, CIVIL ENGINEER AND STRUCTURAL ENGINEER.

GENERAL NOTES:

CODE:
COMPLY WITH THE 1997 EDITION OF THE UNIFORM BUILDING CODE AS AMENDED BY THE LOCAL JURISDICTION AND THE STATE OF OREGON.

DESIGN LOADS:
SEISMIC ZONE: ZONE 3. WIND LOAD: 80 MPH EXP. B
ROOF DL: 20 PSF ROOF SL: 25 PSF
FLOOR DL: 20 PSF FLOOR LL: 50 PSF
PARTITION LOAD: 20 PSF

FOUNDATION:
DESIGNED PER ALL CONDITIONS AND RECOMMENDATIONS PRESENTED IN THE SOILS REPORT PREPARED BY KRAZEN AND ASSOCIATES, INC. (KRAZEN NO. 00202002. PHONE: 360.254.3200) AND CHAPTER 18 OF THE 1997 UBC. CONTRACTOR SHALL REVIEW THESE DOCUMENTS AND ALL WORK SHALL CONFORM ITS REQUIREMENTS AND RECOMMENDATIONS. SEE S1.0 FOR ADDITION REQUIREMENTS.

SAFETY:
PROJECT SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR OR PERSON IN CHARGE OF THE DAY TO DAY CONSTRUCTION. UNSECURED ROOF OR FLOOR JOISTS ARE THE SUBJECT TO ROLLOVER AND THEREFORE SHOULD NOT BE USED AS A WALKING SURFACE UNTIL THEY ARE SECURED AT BOTH SUPPORTS AND LATERALLY BRACED.

NOTE TO THE CONTRACTOR:
IF FOR ANY REASON THE DETAILS AND THE INFORMATION CONTAINED IN THESE PLANS DO NOT CONFORM TO THE CONSTRUCTION SITE CONDITIONS, IT SHALL BE THE TOTAL RESPONSIBILITY OF THE CONTRACTOR TO PROMPTLY NOTIFY THE ENGINEER OR ARCHITECT. THERE IS NO ACCEPTABLE EXCUSE FOR UNAUTHORIZED FIELD MODIFICATION.

THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING, GUYING OR OTHER MEANS TO AVOID EXCESSIVE STRESSES AND TO HOLD STRUCTURAL ELEMENTS IN PLACE DURING ERECTION. ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR MECHANICAL, ELECTRICAL AND PLUMBING WITH APPROPRIATE TRADES AND SUBCONTRACTORS PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL VERIFY IN FIELD ALL EXISTING CONDITIONS SHOWN IN DRAWINGS.

ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF AND ENGINEER REGISTERED IN THE STATE OF OREGON.

CONCRETE:

ALL CONCRETE FOUNDATIONS, GRADE BEAMS AND SLABS SHALL BE NORMAL WEIGHT CONCRETE AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI IN 28 DAYS AFTER PLACEMENT. THE W/C RATIO SHALL NOT EXCEED 0.50.

ALL CONCRETE SHEARWALLS, RETAINING WALLS AND STRUCTURAL SLABS SHALL BE NORMAL WEIGHT CONCRETE AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS AFTER PLACEMENT. THE W/C RATIO SHALL BE 0.41.

THE CONCRETE SHALL HAVE A 3" TO 4" SLUMP AT THE TIME OF PLACEMENT. SLUMP SHALL BE CONSISTENT FROM TRUCK TO TRUCK.

THE MAXIMUM AGGREGATE SIZE SHALL BE 3/4"ø AND CONFORM WITH ASTM C33.

PORTLAND CEMENT SHALL CONFORM TO ASTM C150, TYPE II.

WATER SHALL BE FREE OF DELETERIOUS MATERIAL AND BE IN ACCORDANCE WITH ACI 301, SECTION 23

MINIMUM CONCRETE PROTECTION FOR REINFORCING BAR SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED.

A. 3" FOR SURFACES CAST AGAINST EARTH.
B. 2" FOR FORMED SURFACES EXPOSED TO EARTH OR WEATHER
C. 1" FOR SLABS.
D. 1/2" FOR ALL OTHER SURFACES.

PROVIDE CONTROL JOINTS IN SLABS AT 10 FEET ON CENTER (MAX.) IN EACH DIRECTION. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR AREAS REQUIRING SPECIFIC LAYOUT.

REINFORCING:
THE REINFORCING SHALL BE DEFORMED AND CONFORM TO ASTM A615: GRADE 40 FOR #3 AND #4. GRADE 60 FOR #5 AND LARGER.

GRADE 60 REINFORCING BAR SHALL NOT BE FIELD BENT.

WIRE MESH SHALL CONFORM TO ASTM A-185.

THE MINIMUM REINFORCING FOR THE SLAB ON GRADE IS #4 @18" ON CENTER, EACH WAY, PLACE ONE INCH BELOW TOP OF SLAB.

THE LATEST ACI CODE AND DETAILING SHALL APPLY.

LAP SPLICES SHALL BE IN ACCORDANCE WITH THE FOLLOWING TABLE, UNLESS OTHERWISE. WHERE CLASSES ARE NOT CALLED OUT ON DRAWINGS, USE "B" SPLICES

SPLICES ARE BASED ON: f'c=2500PSI: fy=40 KSI FOR #3 AND #4.
f'c=2500PSI: fy=60KSI FOR #5 AND LARGER.

BARS SIZE	TENSION SPLICES (INCHES) TOP BARS A	TOP BARS B	OTHER BARS A	OTHER BARS B	COMPRESSION SPLICES (INCHES)
#3.	16	21	13	16	
#4.	22	28	17	22	
#5.	27	35	21	27	
#6	35	46	27	35	

STRUCTURAL OBSERVATION:

STRUCTURAL OBSERVATION IS NOT REQUIRED BY THE ENGINEER FOR THIS PROJECT. THE OWNER AND CONTRACTOR ARE TO CONTACT THE LOCAL JURISDICTION AND VERIFY IF THERE ARE PHASES OF THE PROJECT WHICH THE LOCAL JURISDICTION REQUIRES OBSERVATION. NOTIFY THE ENGINEER-OF-RECORD OF ANY REQUIRED OBSERVATIONS.

(19) STRUCTURAL SUBMITTALS:

STRUCTURAL SUBMITTALS ARE REQUIRED TO BE REVIEWED PRIOR TO PRODUCTION. THREE COPIES EACH ARE TO BE PROVIDED TO THE CONTRACTOR, ARCHITECT AND ENGINEER-OF-RECORD FOR THERE REVIEW. ALLOW 10 BUSINESS DAYS FOR THE REVIEW OF EACH SUBMITTAL. REJECTED AND/OR REVISE AND RESUBMIT NOTES ON THE SUBMITTAL WILL REQUIRE AND ADDITIONAL 10 BUSINESS DAY REVIEW PERIOD FOR EACH SUBMITTAL. THE FOLLOWING SUBMITTALS ARE REQUIRED.

1) CONCRETE MIX DESIGNS.
2) SHOP DRAWINGS FOR REINFORCING STEEL. INCLUDE WALL ELEVATIONS, SLAB PLANS,
3) WET STAMPED SHOP DRAWINGS AND CALCULATIONS FOR PRE-ENGINEERED WOOD FLOOR AND ROOF TRUSSES.
4) SHOP DRAWING STRUCTURAL STEEL BRACED FRAME. INCLUDE STEEL SPECIFICATIONS.
5) SUBSTITUTIONS.

SPECIAL INSPECTION:

SPECIAL INSPECTION IS REQUIRED BY THE ENGINEER FOR THIS PROJECT. THE OWNER, OR HIS REPRESENTATIVE, SHALL RETAIN THE SERVICES OF A LOCAL JURISDICTION APPROVED SPECIAL INSPECTION FIRM. SPECIAL INSPECTION IS REQUIRED FOR THE FOLLOWING:

1) INSPECT THE GRADE, SIZE, LOCATION AND SPACING OF THE REINFORCING PLACED IN THE FOUNDATIONS, WALLS AND FLOORS.
2) DURING CONCRETE POURS VERIFY MIX SUPPLIED MEETS MINIMUM REQUIREMENTS OF THE GENERAL NOTES AND 1997 UBC.
3) TEST CONCRETE SPECIFIED GREATER THAN 2800 PSI AT 28 DAYS AS FOLLOWS AND IN ACCORDANCE WITH ACI 318 AND THESE SPECIFICATIONS:
   A) SLUMP
   B) TAKE FOUR TEST CYLINDERS PER 100 CYD POURED/DAY. TEST CYLINDERS AT 3 DAYS, 7 DAYS AND 28 DAYS. HOLD ONE CYLINDER OF EACH SAMPLING IN RESERVE.

AG ROLIN CONSULTING SHALL BE PLACED ON THE DISTRIBUTION LIST FOR ALL SPECIAL INSPECTION REPORTS AND TESTING REPORTS.

AG ROLIN CONSULTING SHALL BE NOTIFIED AT THE TIME OF FIELD SPECIAL INSPECTION OF ANY DEFICIENCIES FOUND IN THE CONSTRUCTION.

AG ROLIN CONSULTING SHALL BE PROVIDED COPIES OF ALL REPORTS PRODUCED BY THE TESTING AGENCY WITHIN 24 HOURS, DEFICIENCIES ARE CLEARLY IDENTIFIED IN LARGE BOLD TYPE IN THE REPORT. ALSO NOTE THESE DEFICIENCIES, UNDER SEPARATE COVER, ON THE TESTING AGENCIES LETTER HEAD AND FAX TO THOSE ON THE DISTRIBUTION LIST.

THE SELECTED TESTING AGENCY AND THE INDIVIDUAL(S) PROVIDING SPECIAL INSPECTION SERVICES SHALL BE CURRENT ON THE CBOA-SIP LIST AND IN GOOD STANDING WITH THAT ORGANIZATION. THIS IS IN ADDITION TO ANY REQUIREMENTS OF THE LOCAL JURISDICTION.

THE OWNER AND CONTRACTOR ARE TO CONTACT THE LOCAL JURISDICTION AND VERIFY IF THERE ARE OTHER PHASES OF THE PROJECT WHICH THE LOCAL JURISDICTION REQUIRES INSPECTION. NOTIFY THE ENGINEER-OF-RECORD OF ANY ADDITIONAL REQUIRED INSPECTIONS.

(20) STRUCTURAL GENERAL NOTES AND SPECIFICATIONS

REVISIONS	BY
0 IFC 08/31/01	JMW
1 MAT'L CHG 01/24/02	JMW

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STRUCTURAL
REGISTERED PROFESSIONAL ENGINEER
10122
OREGON
JULY 10, 1981
AGALI G. ROLIN
EXPIRES: 12-31-20

GENERAL NOTES AND DETAILS

City of Portland
APPROVED
OCT 07 2002
Permit Set

BREEZE HILL
BUSINESS CENTER
PORTLAND, OR

DATE 8-31-00
SCALE 1"=1'-0"
DRAWN JMW
JOB B0121

S-0.0

V. 49.

V. 49.

REVISIONS	BY
1 ADDED SHEET 9/27/02	JMW

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STRUCTURAL
REGISTERED PROFESSIONAL ENGINEER
70129
OREGON
OCT. 10, 1995
ADAM G. ROLIN
EXPIRES: 12-31-02

City of Portland
APPROVED
OCT 07 2002
Permit Number

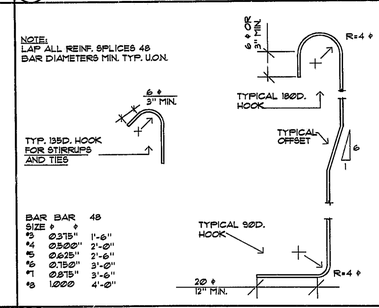
(17) (13) (9) (5) (1)

(18) (14) (10) (6) (2)

(19) (15) (11) (7) (3)

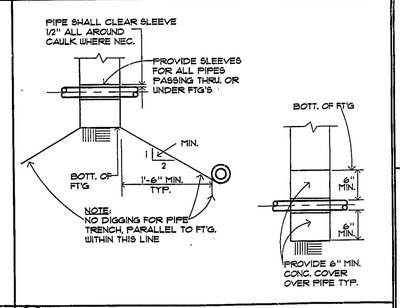
(20) (16) (12) (8) (4)

NOTE:
LAP ALL REINF. SPLICES 48 BAR DIAMETERS MIN. TYP. U.O.N.

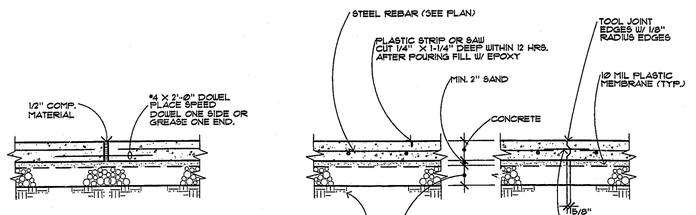


BAR SIZE	BAR ϕ	48 ϕ
#3	Ø.375"	1'-6"
#4	Ø.500"	2'-0"
#5	Ø.625"	2'-6"
#6	Ø.750"	3'-0"
#7	Ø.875"	3'-6"
#8	1.000	4'-0"

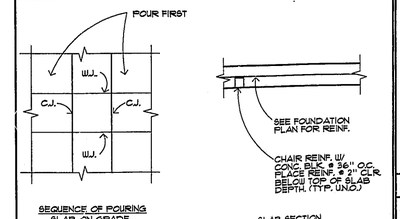
7 TYP. BAR BENDS AND LAPS



3 PIPE CLR. AT FTG.



12 TYP. CONC. SLAB JOINT DETAILS.



NOTES:
1. SLAB IS TO BE POURED IN STRIP PATTERN SHOWN
2. PROVIDE W.J. AS REQUIRED AT 12'-0" O.C. MAX.

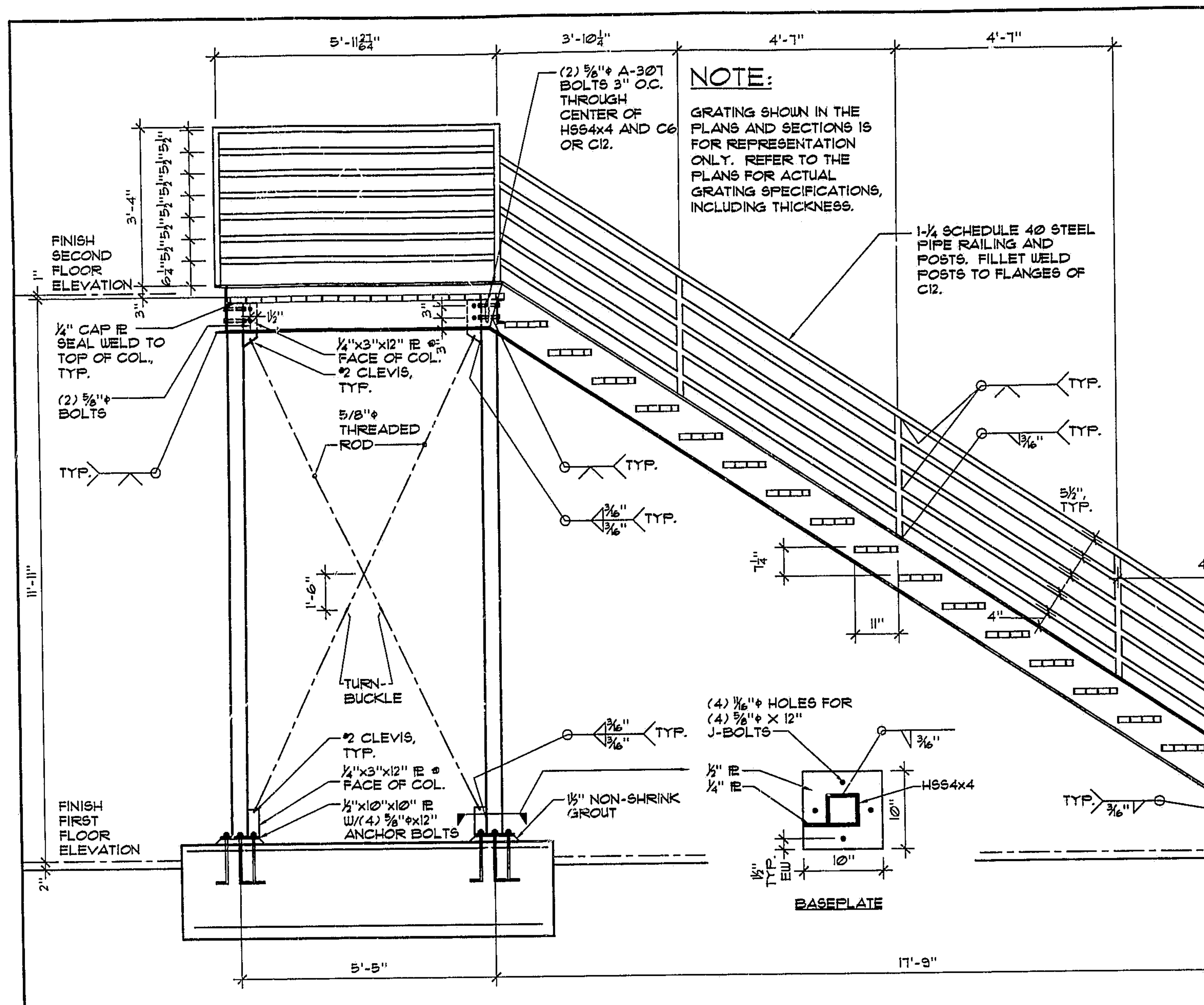
4 SLAB POUR

BREEZE HILL BUSINESS CENTER PORTLAND, OR

SECTIONS AND DETAILS

DATE	7-10-02
SCALE	1"=1'-0"
DRAWN	JMW
JOB	B0121

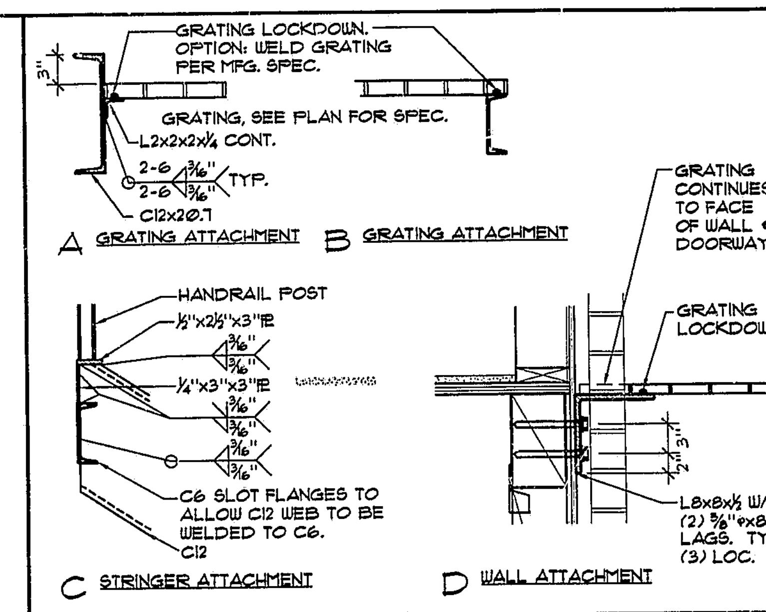
S-0.2



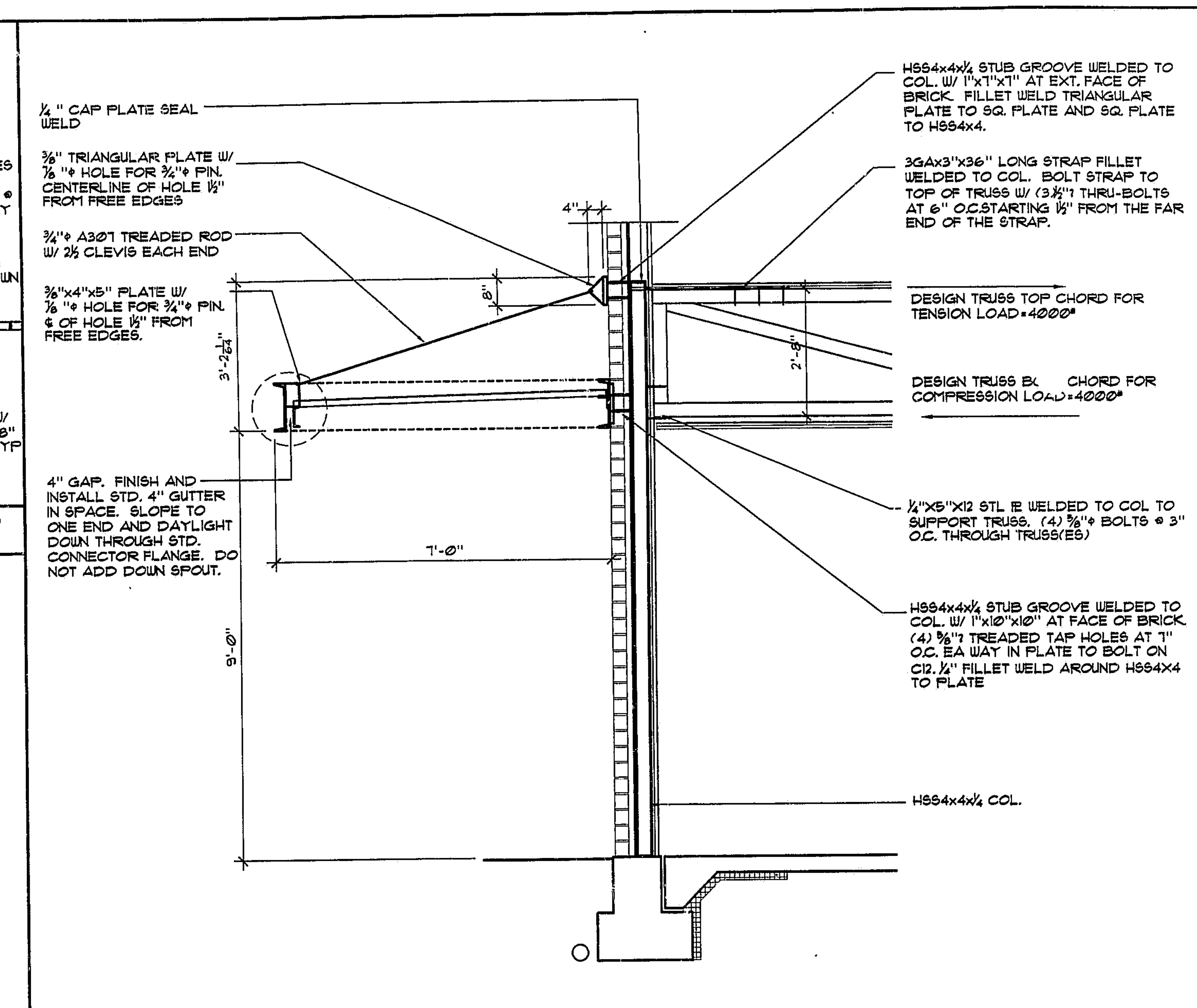
(C) EXTERIOR STAIR SECTION

NOTE:

GRATING SHOWN IN THE PLANS AND SECTIONS IS FOR REPRESENTATION ONLY. REFER TO THE PLANS FOR ACTUAL GRATING SPECIFICATIONS, INCLUDING THICKNESS.

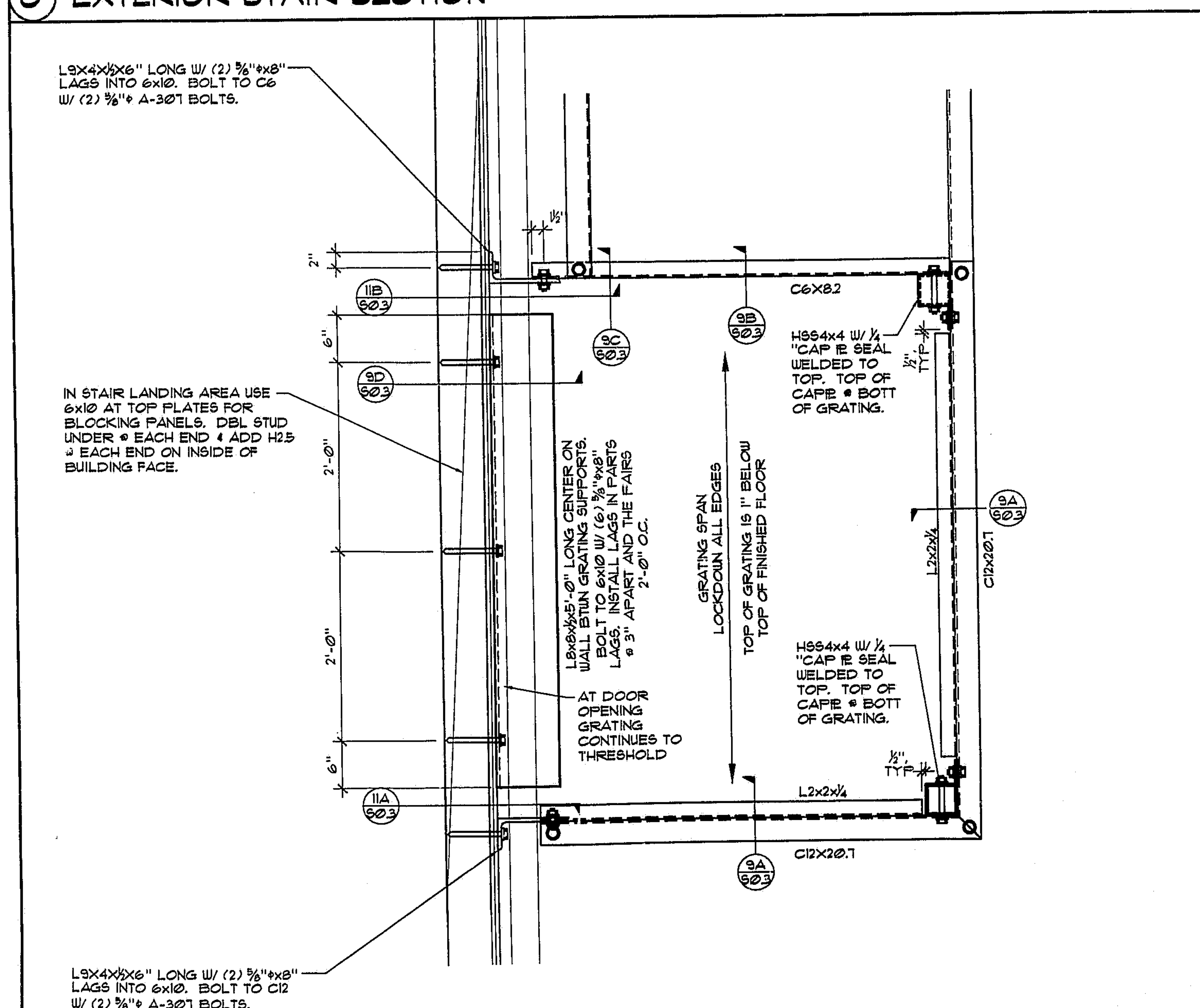


(9) MISC. STAIR DETAILS SCALE: 1" = 1'-0"

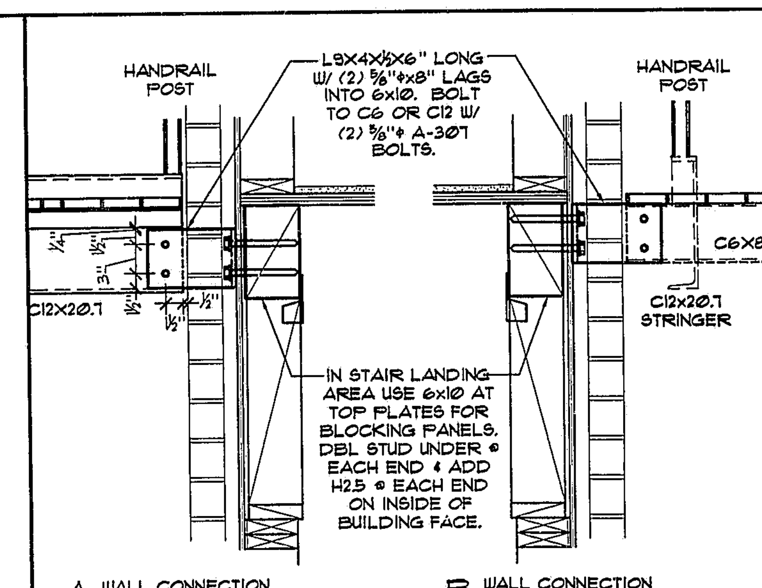


(A) FIRST FLOOR CANOPY SECTION

GRATING, SEE PLAN FOR SPEC.



(20) ENLARGED STAIR LANDING PLAN SCALE: 1" = 1'-0"



(11) MISC. STAIR DETAILS SCALE: 1" = 1'-0"

⚠2 DETAIL REMOVED

(12)

⚠2 DETAIL REMOVED

(B)

REVISIONS	BY
1 ADDED SHEET 08/14/02	JMW
2 ADDED SHEET 09/27/02	JMW

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Written dimensions on these documents shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and shall notify and obtain clarification from Architect prior to commencing Work. Shop drawings must be submitted to this office for review before proceeding with fabrication.

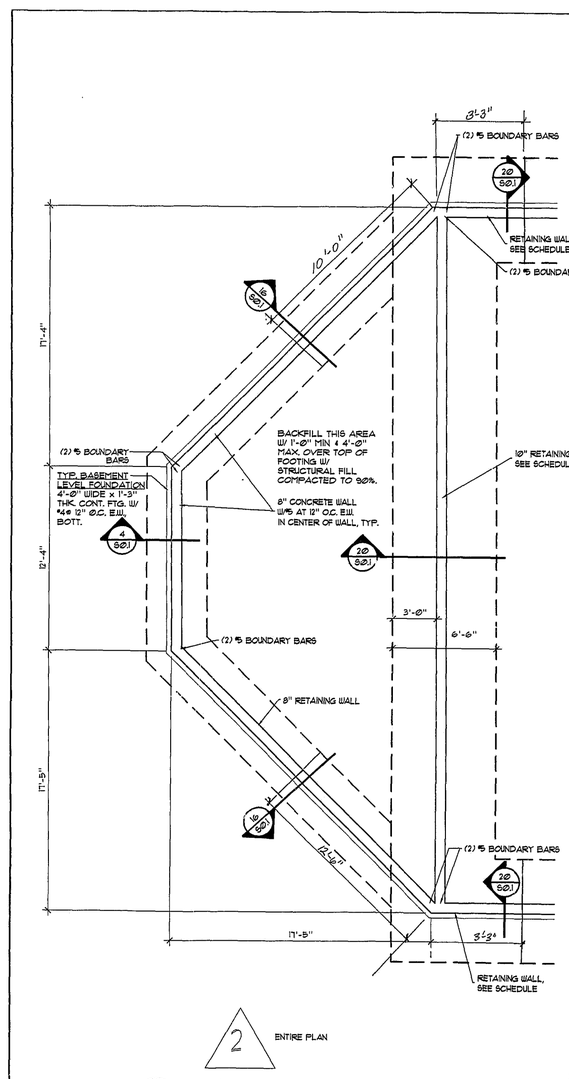
CANOPIES AND STAIRS

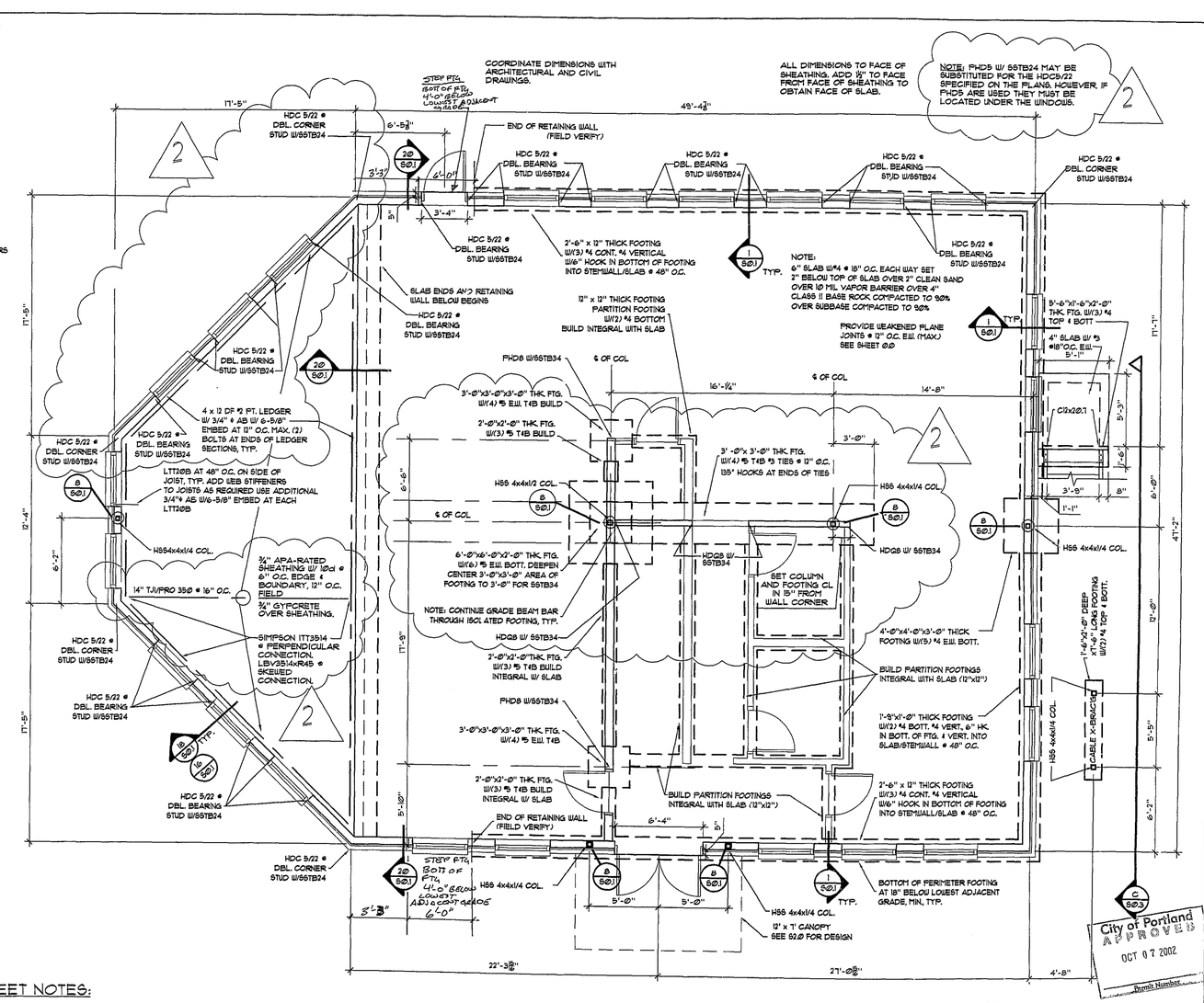
BREEZE HILL BUSINESS CENTER PORTLAND, OR

DATE 7-10-02
SCALE 1/2"=1'-0"
DRAWN JMW
JOB B0121

S-0.3

V. 49





SHEET NOTES:

1) SEE SHEETS S0.0 AND S0.1 FOR GENERAL NOTES AND TYPICAL DETAILS. THESE STRUCTURAL NOTES SUPERSEDE OTHER STRUCTURAL NOTES FOUND IN THIS PLAN SET.

2) FLOOR FRAMING BY OTHERS. THIS IS A DEFERRED SUBMITTAL. SUBMIT FIVE (5) SETS OF WET STAMPED SHOP DRAWINGS AND CALCULATIONS TO THE ARCHITECT FOR REVIEW. THREE (3) SHALL BE FORWARDED TO AG ROLIN CONSULTING FOR THEIR REVIEW. SEND THREE (3) REVIEWED SETS TO THE CITY FOR THEIR REVIEW. DO NOT FABRICATE TRUSSES UNTIL REVIEWED SHOP DRAWINGS AND CALCULATIONS HAVE BEEN APPROVED BY THE CITY.

3) DESIGN FLOOR LOADS (MIN.)
DL = 20 PSF
PARTITION LOAD = 20 PSF
TOTAL DL = 40 PSF
LIVE LOAD = 80 PSF TYP.
100 PSF AT EXIT

4) DESIGN DEFLECTION FOR FLOOR FRAMING
Δ = L/360 FOR TL
Δ = L/600 FOR LL

5) A SOILS REPORT HAS BEEN PREPARED FOR THIS PROJECT BY KRAZEN AND ASSOCIATES, INC. (KRAZEN@SBCGLOBAL.NET, PHONE NO.: 360/254-3200). ALL FOUNDATIONS SHALL CONFORM FORT TO THIS REPORT'S RECOMMENDATIONS AND IN ADDITION CONFORM TO 1997 UBC CHAPTER 18 (ESPECIALLY SECTION8 REGARDING DEPTH OF FOOTING REQUIREMENTS AT SLOPING GRADES). THE SOILS ENGINEER SHALL BE PRESENT ON SITE TO REVIEW THE EXCAVATIONS TO INSURE THEY MEET THE REQUIREMENTS OF THEIR REPORT AND THE BUILDING CODE. THE BOTTOM OF ALL FOOTINGS SHALL BE A MINIMUM OF 18" BELOW LOWEST ADJACENT GRADE. IN ADDITION, THE BOTTOM ALL FOOTINGS SHALL BE A MINIMUM OF 10FT (MEASURED HORIZONTALLY) TO DAYLIGHT OF THE SLOPE, ALL DIRECTIONS.

6) SEE S2.0 FOR SHEARWALL DESIGNATIONS AT FIRST FLOOR WALLS.

7) DESIGN, DIMENSIONS, AND ELEVATIONS FOR CANOPIES AND STAIRS PER STRUCTURAL DRAWINGS (S0.0 THROUGH S0.3.) UNLESS OTHERWISE NOTED ON SHEETS S0.0 THROUGH S0.3.

8) SHOP DRAWINGS ARE REQUIRED FOR ALL STRUCTURAL STEEL. SEE S0.0 FOR SPECIFICATION.

NOTE:
ALL EXTERIOR WALLS AND INTERIOR SHEAR WALL SHALL BE CONSTRUCTED OF 2 x 6 DF STUD GRADE @ 16" O.C.

IMPORTANT NOTICE REGARDING PENETRATION OF SHEARWALLS.

SHEARWALLS AT THE FIRST FLOOR ARE VERY HIGHLY STRESSED. ONLY (1) 12"X12" OR (2) 8"X8" PENETRATIONS PER SHEARWALL. NO PENETRATIONS IN SHEARWALLS LESS THAN 4 FT WIDE. PENETRATIONS THROUGH SHEARWALLS SHALL BE BLOCKED W/ 4x SOLID MEMBERS AND EDGE NAILED W/ 10d COMMON @ 4" O.C. ALL PENETRATIONS ARE TO BE BETWEEN STUD. DO NOT CUT STUDS TO CREATE PENETRATIONS. THE EDGE OF ANY PENETRATION SHALL BE 18" FROM THE SIDE AND 36" FROM THE TOP OR BOTTOM OF THE SHEARWALL.

2 ENTIRE PLAN REVISED FOR CONSTRUCTION WITH WOOD STUDS INSTEAD OF METAL STUDS.

REVISIONS		BY
1	IFC 08/31/01	JMW
	MATL CHG. 09/14/02	JMW
2	OWNER CHG. 09/27/02	JMW

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STRUCTURAL
REGISTERED PROFESSIONAL ENGINEER
OREGON
JANUARY 10, 1986
ADAM G. ROLIN
EXPIRES: 12-31-20

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BASEMENT & FIRST FLR. FND. PLANS

BREEZE HILL
BUSINESS CENTER
PORTLAND, OR

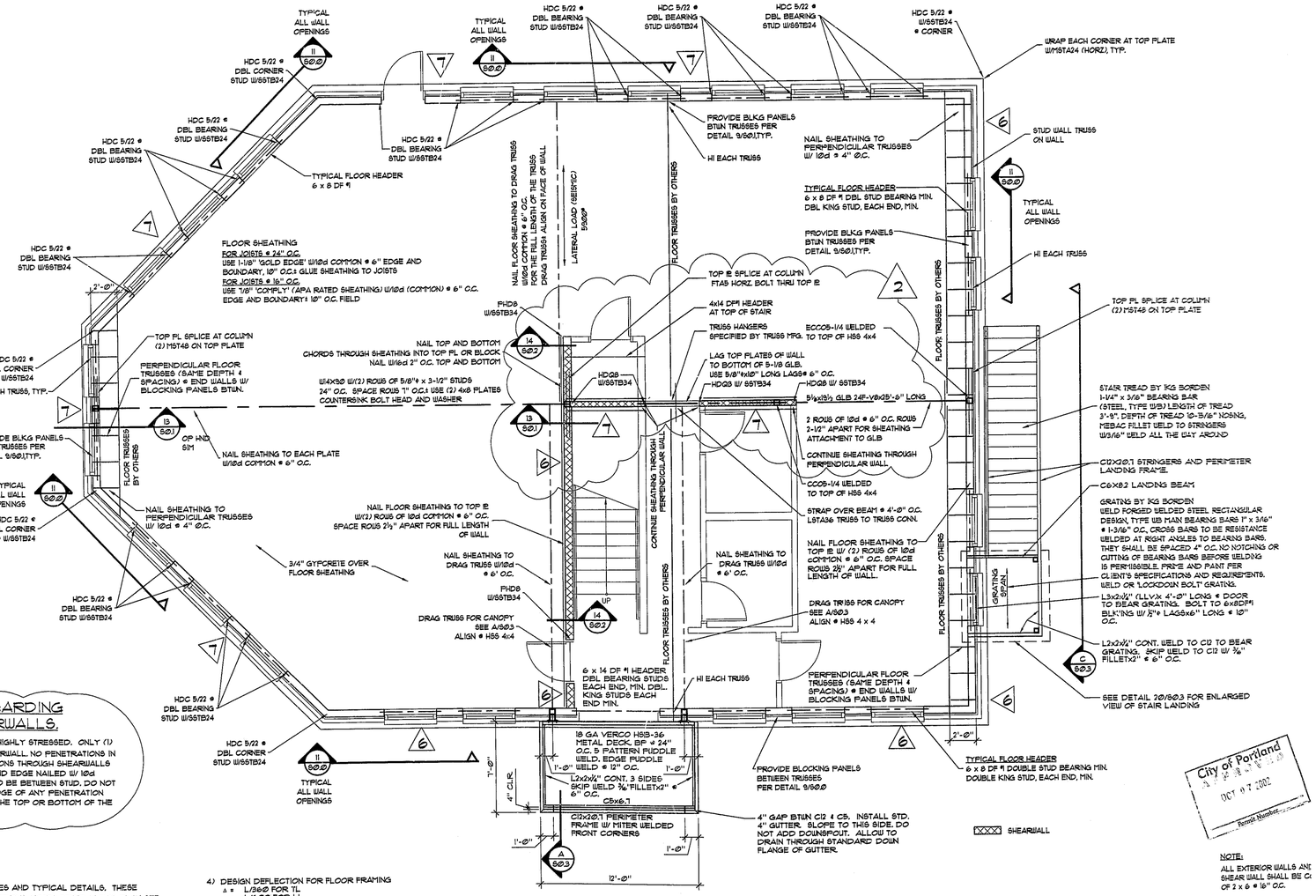
DATE 8-31-00
SCALE 1"=1'-0"
DRAWN JMW
JOB 0121

S-1.0

City of Portland APPROVED OCT 07 2002 Permit Number

49.

V.



IMPORTANT NOTICE REGARDING PENETRATION OF SHEARWALLS.

SHEARWALLS AT THE FIRST FLOOR ARE VERY HIGHLY STRESSED. ONLY (1) 12"x12" OR (2) 8"x8" PENETRATIONS PER SHEARWALL. NO PENETRATIONS IN SHEARWALLS LESS THAN 4 FT WIDE. PENETRATIONS THROUGH SHEARWALLS SHALL BE BLOCKED W/ 4x SOLID MEMBERS AND EDGE NAILED W/ 10d COMMON @ 4" O.C. ALL PENETRATIONS ARE TO BE BETWEEN STUD. DO NOT CUT STUDS TO CREATE PENETRATIONS. THE EDGE OF ANY PENETRATION SHALL BE 18" FROM THE SIDE AND 36" FROM THE TOP OR BOTTOM OF THE SHEARWALL.

SHEET NOTES:

1) SEE SHEETS S00 AND S01 FOR GENERAL NOTES AND TYPICAL DETAILS. THESE STRUCTURAL NOTES SUPERCEDE OTHER STRUCTURAL NOTES FOUND IN THIS PLAN SET.

2) FLOOR FRAMING BY OTHERS. THIS IS A DEFERRED SUBMITTAL. SUBMIT FIVE (5) SETS OF WET STAMPED SHOP DRAWINGS AND CALCULATIONS TO THE ARCHITECT FOR REVIEW. THREE (3) SHALL BE FORWARDED TO AG ROLIN CONSULTING FOR THEIR REVIEW. SEND THREE (3) REVIEWED SETS TO THE CITY FOR THIER REVIEW. DO NOT FABRICATE TRUSSES UNTIL REVIEWED SHOP DRAWINGS AND CALCULATIONS HAVE BEEN APPROVED BY THE CITY.

3) DESIGN FLOOR LOADS (MIN)
DL = 20 PSF
PARTITION LOAD = 20 PSF
TOTAL DL = 40 PSF
LIVE LOAD = 50 PSF TYP.
100 PSF AT EXIT

4) DESIGN DEFLECTION FOR FLOOR FRAMING
Δ = L/360 FOR TL
Δ = L/600 FOR LL

5) TOP PLATE SPLICE, SEE DETAIL

6) DESIGN, DIMENSIONS, AND ELEVATIONS FOR CANOPIES AND STAIRS PER STRUCTURAL DRAWINGS (S00 THROUGH S03) UNLESS OTHERWISE NOTED ON SHEETS S00 THROUGH S03.

7) SHOP DRAWINGS ARE REQUIRED FOR ALL STRUCTURAL STEEL. SEE S00 FOR SPECIFICATION.

1 ENTIRE PLAN REVISED FOR CONSTRUCTION WITH WOOD STUDS INSTEAD OF METAL STUDS.

REVISIONS	BY
0 IFC 08/31/01	JMW
1 MAT'L CHG. 09/14/02	JMW
2 OWNER CHG. 09/27/02	JMW

A.G. ROLIN CONSULTING
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P.O. BOX 358
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STRUCTURAL
REGISTERED PROFESSIONAL ENGINEER
13122
OREGON
OCT. 10, 1989
ALAN G. ROLIN
EXPIRES: 12-31-20 22

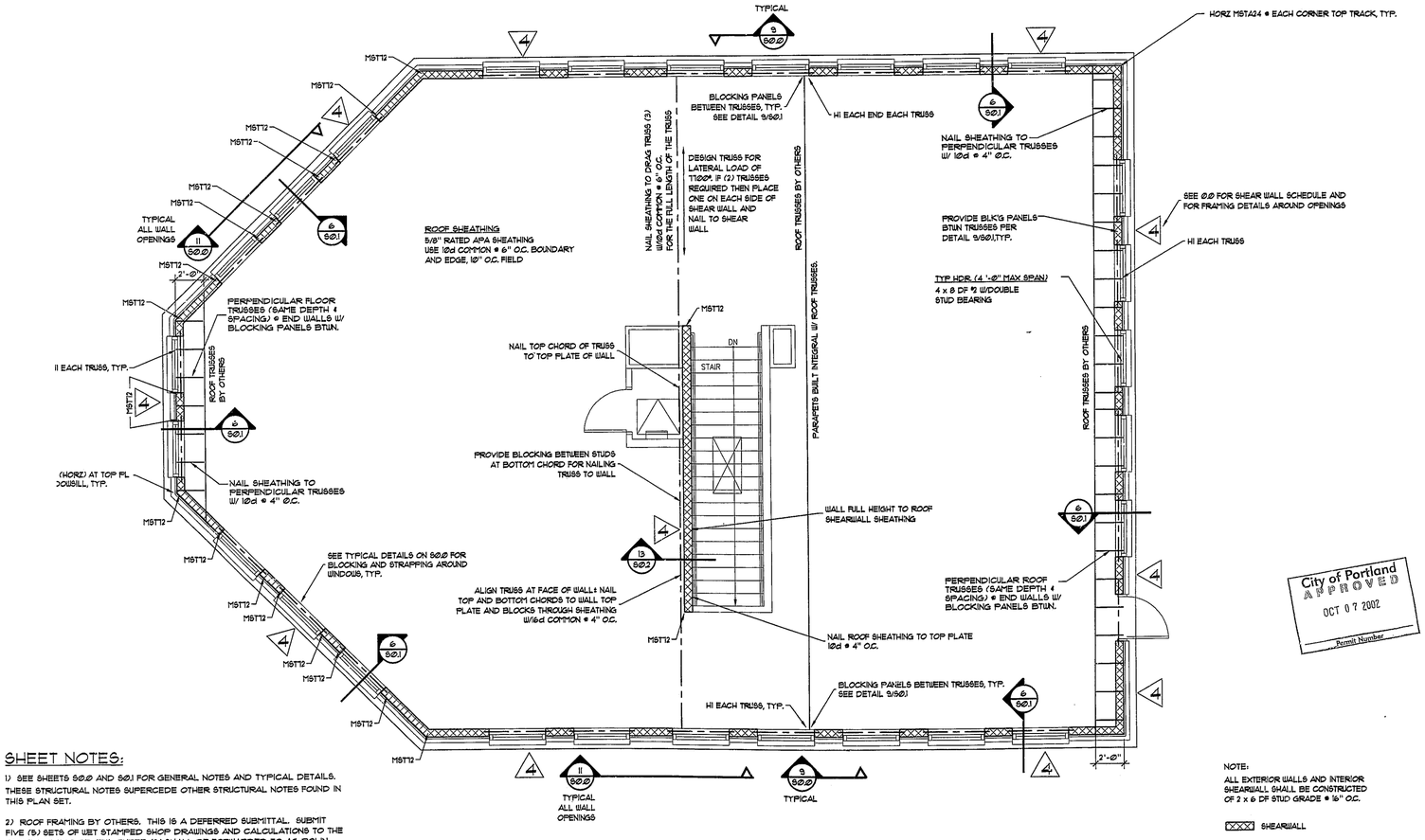
SECOND FLOOR FRAMING PLAN

BREEZE HILL BUSINESS CENTER PORTLAND, OR

DATE 8-31-00
SCALE 1"=1'-0"
DRAWN JMW
JOB B0121

S-2.0

V. 49.



SHEET NOTES:

1) SEE SHEETS S0.0 AND S01 FOR GENERAL NOTES AND TYPICAL DETAILS. THESE STRUCTURAL NOTES SUPERCEDE OTHER STRUCTURAL NOTES FOUND IN THIS PLAN SET.

2) ROOF FRAMING BY OTHERS. THIS IS A DEFERRED SUBMITTAL. SUBMIT FIVE (5) SETS OF WET STAMPED SHOP DRAWINGS AND CALCULATIONS TO THE ARCHITECT FOR REVIEW. THREE (3) SHALL BE FORWARDED TO AG ROLIN CONSULTING FOR THEIR REVIEW. SEND THREE (3) REVIEWED SETS TO THE CITY FOR THIER REVIEW. DO NOT FABRICATE TRUSSES UNTIL REVIEWED SHOP DRAWINGS AND CALCULATIONS HAVE BEEN APPROVED BY THE CITY.

3) DESIGN ROOF LOADS (MIN)
DEADLOAD = 20 PSF
SNOWLOAD = 25 PSF
MECHANICAL LOADS, SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS AND SPECIFICATIONS

4) DESIGN DEFLECTION FOR ROOF FRAMING
D = L/240 FOR TL
D = L/360 FOR LL

5) TOP PLATE SPLICE, SEE DETAIL

6) DESIGN, DIMENSIONS, AND ELEVATIONS FOR CANOPIES AND STAIRS PER STRUCTURAL DRAWINGS (S0.0 THROUGH S2.3) UNLESS OTHERWISE NOTED ON SHEETS S0.0 THROUGH S0.3.

7) SHOP DRAWINGS ARE REQUIRED FOR ALL STRUCTURAL STEEL. SEE S0.0 FOR SPECIFICATION.

ROOF TRUSSES
ROOF TRUSSES TO INCLUDE PARAPETS BUILT INTEGRAL INTO TRUSSES. SEE NOTES BELOW FOR LOADING AND OTHER ISSUES FOR TRUSSES.
LATERAL LOADS ON PARAPETS
WIND LOAD = 16.2 PSF
SEISMIC LOAD = 6.0 PSF

NOTE:
ALL EXTERIOR WALLS AND INTERIOR SHEARWALL SHALL BE CONSTRUCTED OF 2 x 6 DF STUD GRADE @ 16" O.C.

SHEARWALL

1 ENTIRE PLAN REVISED FOR CONSTRUCTION WITH WOOD STUDS INSTEAD OF METAL STUDS.

City of Portland APPROVED OCT 07 2002 Permit Number

REVISIONS	BY
0 IFC 08/31/01	JMW
1 MATL CHG. 08/14/02	JMW

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10126
OREGON
SEPT. 10, 1981
ALAN G. ROLIN
EXPIRES: 12-31-20

ROOF FRAMING PLAN

BREEZE HILL BUSINESS CENTER PORTLAND, OR

DATE 8-31-00
SCALE 1"=1'-0"
DRAWN JMW
JOB B0121

S-3.0

V. 49.