

2611 SW RAVENS VIEW DR. REV01 RS01-159450

01-159450-REV-01-RS

Form MIT Revised September 1, 2000 Impervious Surface Mitigation Measures

Instructions

1. Enter total site area (sf) into Box A.
2. Enter square footage of all impervious site elements in Box B.
3. Enter square footage of each proposed mitigation measure in the appropriate box under Column 1.
4. Add the surface areas (square footage) of all the mitigation measures in Column 1. Enter the total in Box C.
5. Subtract the amount in Box C from amount in Box B and enter in Box D.
6. Enter the square footage of the proposed pervious area in Box E.
7. Add the numbers in Box C, Box D, and Box E. This number should be the same as the number in Box A.
8. If porous pavement or trees are proposed as mitigation measures, enter the appropriate SBUH curve number from back of form in Column 2.
9. Multiply the surface area of each mitigation measure by the curve number in Column 2 and enter the totals in Column 3.
10. Add the numbers in Column 3 and enter the total in Box F.
11. Divide the amount in Box F by the amount in Box C to get the composite curve number for the mitigated impervious area. Enter this number in Box G.
12. For the proposed pervious area enter the appropriate SBUH curve number from back of form in Box H. Note: This number may be an area weighted composite curve number.
13. Fill out Boxes I and J. (Information in the shaded boxes (D, I, J, and K) will be used as input for the HYD program referenced in chapters 5.0 and 6.0.)

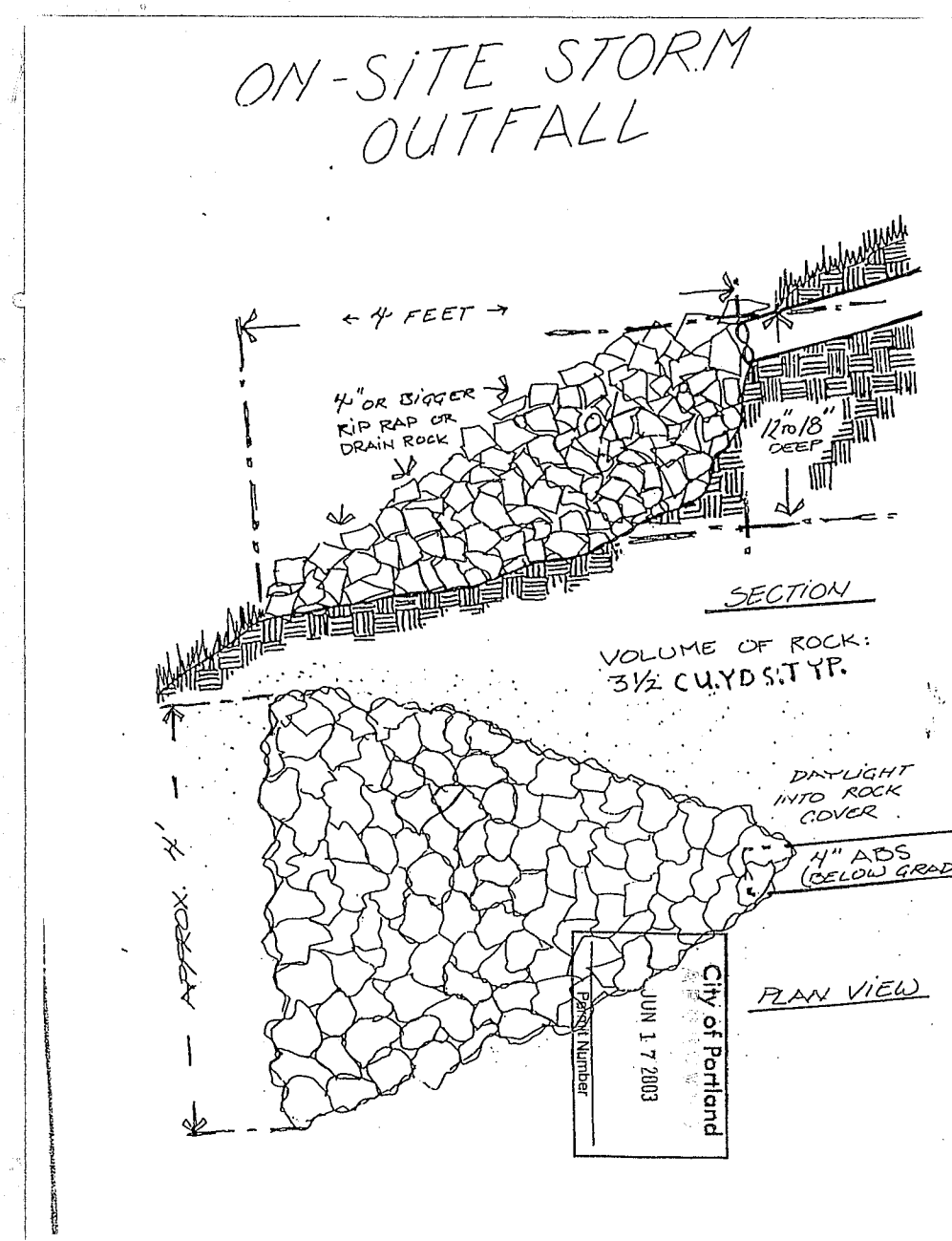
Enter total site area (sf) into Box A Box A

Enter site impervious area (sf) into Box B Box B

Proposed Mitigation Measure	Surface Area	Unit	Column 2 SBUH Curve Number	Column 3 Area x Curve Number
Eco-roof		sf	x	=
Roof Garden		sf	x	=
Landscape Planter		sf	x	=
Stormwater Planter (planter at x 20 = surface area sf)		sf	x	=
Porous Pavement		sf	x	=
New Evergreen Trees (200 sf per tree)		sf	x	=
New Deciduous Trees (100 sf per tree)		sf	x	=
Existing Evergreen Trees (One-half area of total tree canopy left in place)		sf	x	=
Existing Deciduous Trees (One-half area of total tree canopy left in place)		sf	x	=
Mitigated Impervious Area	Box C	sf	Box G	Box F
Unmitigated Impervious Area	Box D	sf	Box K	
Proposed Pervious Area	Box E	sf	Box H	
Post-development Pervious Area = Box C + Box E			Box I	
CN (perv) = (Box C x Box G + Box E x Box H) / Box I			Box J	

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SBHU - Santa Barbara Unit Hydrograph; a method to determine the size of stormwater facilities.
 These planners manage runoff from an impervious area 20 times the size of the surface area of the planter.
 If the amount in Box C is less than 500 sf, there are no further requirements for water quality or flow management. If the amount in Box D is between 500 and 15,000 sf, the simplified approach may be used to design the required pollution reduction facilities. If the amount is greater than 15,000 sf or the designer chooses not to use the simplified approach, proceed to the next step. Total credit is given unless trees will cover impervious surfaces. To get full credit, trees must be planted within 200 feet of impervious surfaces.



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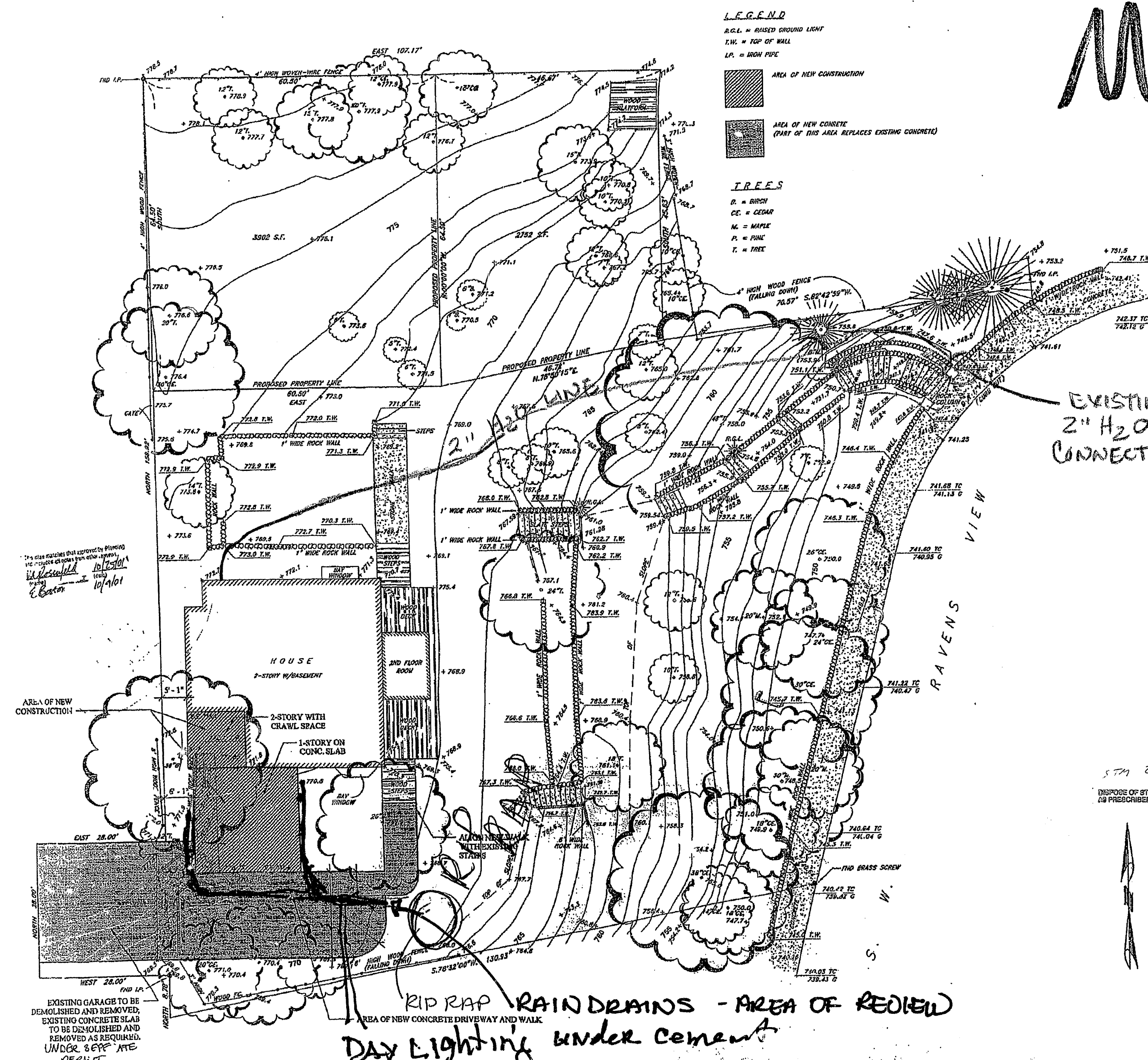
JUN 18 2003
MICROFILMED

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JUN 19 2003
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JUN 18 2003
MICROFILMED



- LEGEND**
- R.G.L. = RAISED GROUND LIGHT
 - T.W. = TOP OF WALL
 - L.P. = IRON PIPE
- AREA OF NEW CONSTRUCTION**
- AREA OF NEW CONCRETE**
(PART OF THIS AREA REPLACES EXISTING CONCRETE)
- TREES**
- B. = BIRCH
 - CE. = CEDAR
 - M. = MAPLE
 - P. = PINE
 - T. = TREE

PROJECT LOCATION:
2611 SW RAVENSVIEW DRIVE
PORTLAND, OREGON 97201

PROJECT DESCRIPTION:
ADD 12' X 12' TWO STORY
HOUSE TO INCLUDE FAN
FLOOR AND MASTER BATH
SINGLE STORY ATTACHED GARAGE AT SAME CORNER AS
TWO STORY ADDITION. MOVE ONE WALL IN MAIN
FLOOR KITCHEN, INCREASE KITCHEN WINDOW SIZE,
IMPROVE TWO BEAMS AT EXISTING KITCHEN OPENINGS.

CONTRACTOR:
OWNER/CONTRACTOR
PATRICK DOLAN
2611 SW RAVENSVIEW DRIVE
PORTLAND, OREGON 97201
PHONE: 503-455-1342
FAX: 503-455-1340
CONTACT: SHANE BARP

DESIGN:
ESLINGER JONES & ASSOCIATES
1414 WASHINGTON STREET
OREGON CITY, OREGON 97045
PHONE: 503-455-1222
FAX: 503-455-4700
CONTACT: TERRY AMUNDSON

STRUCTURAL ENGINEER:
LEE ENGINEERING, INC.
100 JOHN ADAMS STREET
OREGON CITY, OREGON 97045
PHONE: 503-455-1342
FAX: 503-455-1340
CONTACT: SHANE BARP

- OWNER:**
PATRICK AND ANNE DOLAN
2611 SW RAVENSVIEW DRIVE
PORTLAND, OREGON 97201
PHONE: 503-455-4000
- GENERAL NOTES:**
1. PRESCRIPTIVE RATH / INSULATION STANDARDS:
FLAT CEILING AREAS: R-38
VAULTED CEILING AREAS: R-30
WALLS: R-21
BASEMENT WALLS: R-25
SLAB ON GRADE: R-15 (PERIMETER)
EXTERIOR DOORS: U-0.34
ENTRY: U-0.20
OTHER: U-0.40
WINDOWS: U-0.40
 2. CONTRACTOR(S) VERIFY ALL NOTES, EXISTING DIMENSIONS, AND CONDITIONS OF PLANS RELATIVE TO SITE CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
 3. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE INFORMATION FROM DRAWINGS.
 4. ALL EXPOSED INSULATION TO HAVE A FLAME SPREAD RATING LESS THAN 25 AND A SMOKE DENSITY RATING LESS THAN 450.
 5. PROVIDE NEW SMOKE DETECTOR AT EACH FLOOR OF ADDITION, INTERCONNECTED AND TIED INTO ELECTRICAL SYSTEM.
 6. CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL OSHA AND SAFETY REQUIREMENTS.
- INSTALL AT LEAST ONE SMOKE DETECTOR IN EACH SLEEPING ROOM, IN AREAS IMMEDIATELY OUTSIDE OF SLEEPING ROOMS AND AT LEAST ONE ON EACH LEVEL.**
- GARAGE ROOF TRUSSES TO BE DEFERRED SUBMITTAL**

City of Portland
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DI-159450-RS
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- DRAWING INDEX:**
- A1.1 SITE PLAN / GENERAL INFORMATION
 - A2.1 MAIN FLOOR PLAN / CROSS SECTION
 - A2.2 UPPER FLOOR PLAN / CROSS SECTION
 - A3.1 EXTERIOR ELEVATIONS
 - S1 STRUCTURAL NOTES / FOUNDATION PLAN
 - S2 STRUCTURAL PLANS / DETAILS

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01-159450-RS-10

01-159450-RS-10

REV. DATE: 06/25/01
REV. D:
DATE: 06/25/01
CHECKED: TLA
DRAWN BY: TLA
PROJECT #: Dolan

01-159450-RS-10

rip RAP RAIN DRAINS - AREA OF REVIEW
DAY LIGHTING UNDER CEMENT