518

505 10TH AVE N

ADDRESS: 505 10th Ave N

TAX ACCOUNT/PARCEL NUMBER: 0034890000814

BUILDING PERMIT (NEW STRUCTURE): 19890162 3

COVENANTS (RECORDED) FOR:

CRITICAL AREAS : DETERMINATION: ☐ Conditional Waiver ☐ Study Required ☐ Waiver

DISCRETIONARY PERMIT #'S:

DRAINAGE PLAN DATED: 1·31·89

PARKING AGREEMENTS DATED:

EASEMENT(S) RECORDED FOR:

PERMITS (OTHER):

PLANNING DATA CHECKLIST DATED:

SCALED PLOT PLAN DATED: 1·16·89

SEWER LID FEE $: LID #: 95

SHORT PLAT FILE: LOT: C BLOCK:

SIDE SEWER AS BUILT DATED: 5·2·89

SIDE SEWER PERMIT(S) #: 7982

GEOTECH REPORT DATED:

STREET USE / ENCROACHMENT PERMIT #:

FOR:

WATER METER TAP CARD DATED: 5·1·89

OTHER:

M. Clayton 4/20/11

Zone RS-12 Corner ___ Flag ___

Setbacks	Required	Actual
Front E	25	25+
Sides N/S	10/10	11/10+
Rear W	25	32
Other		
Height	25	21

no change to existing

PLOT PLAN 1/8" = 1'-0"

LEGAL DESCRIPTION
LOT C. "SEE ATTACHED"

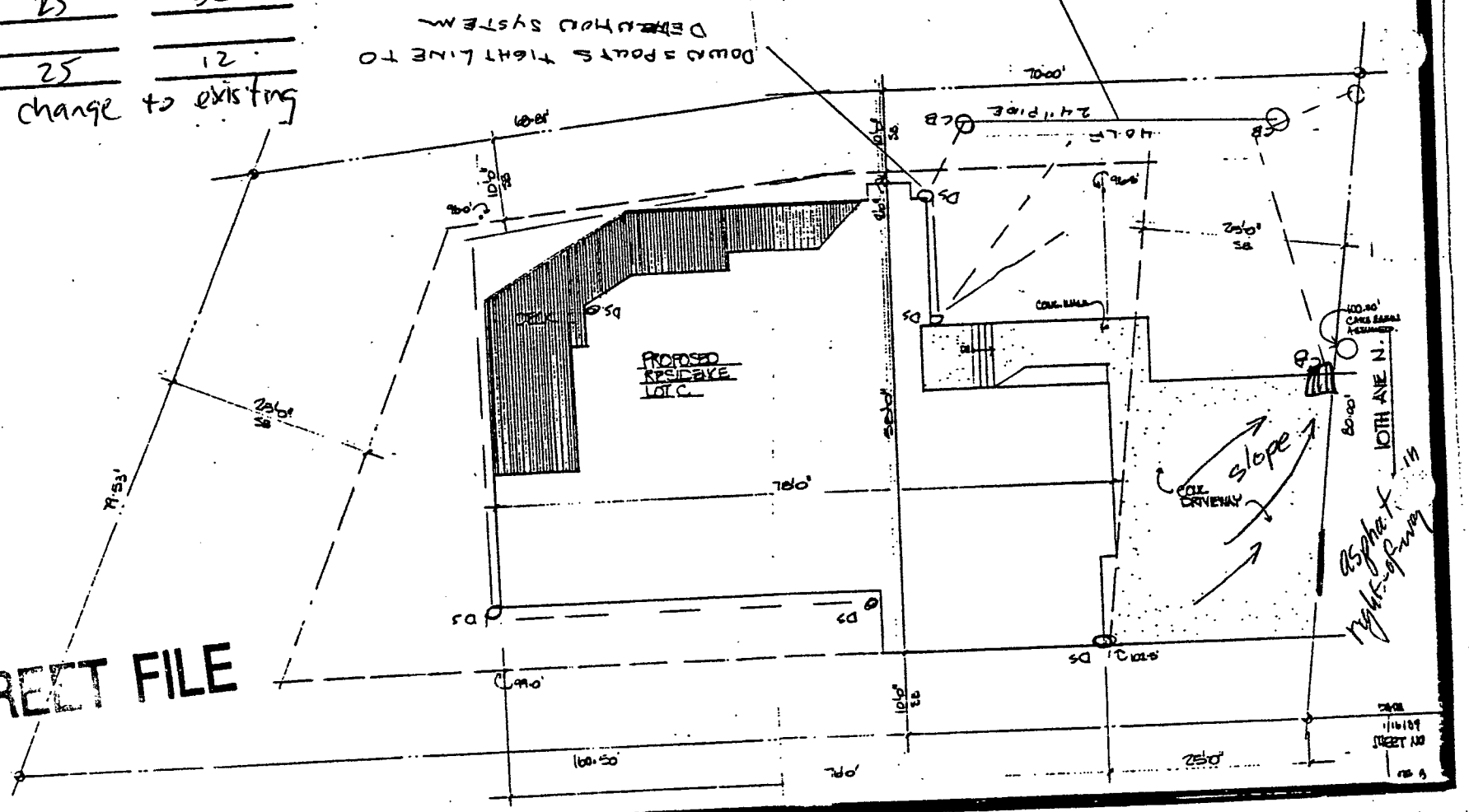
TAX ACCOUNT #

NORTH

96' + 96.5' + 102.5' + 99' = 394' ÷ 4 = 98.5' AVERAGE

MAX HEIGHT +25' = 123.5'
ACTUAL HEIGHT 123.5'
COVERAGE SLAB @ 104.0'

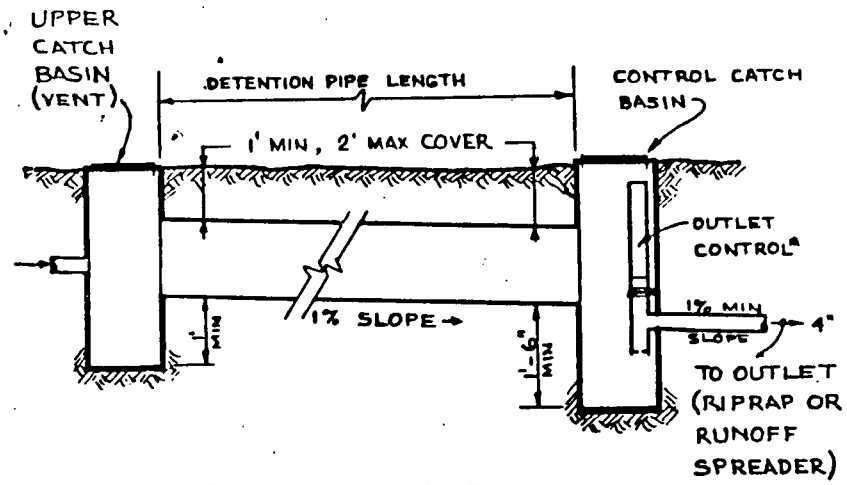
MAIN FLOOR @ 106'-9" LOWER SITE 98'-10"



STREET FILE

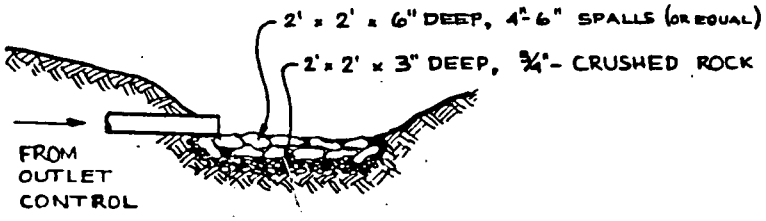
505 10th Ave N BLD 2011-0269 FOR Deck Repair/replace

PLOT PLAN
1/8" = 1'-0"
LEGAL DESCRIPTION
LOT C. "SEE ATTACHED"
96' + 96.5' + 102.5' + 34' + 4' = 334' + 4' = 98.5' AVERAGE
MAX HEIGHT +25' = 123.5'
ACTUAL HEIGHT 123.5'
GARAGE SLAB @ 104.0'
MAIN ROOF @ 106'-9" LOWER SLAB 98'-10"
TAX ACCOUNT #
DRY CONDITIONED AREA = 2.7 SQ. FOOT
NORTH
DETENTION SYSTEM
40'-24" W.H. CB
0 0.1 CFS 7/8
SYSTEM TIGHT LINE
TO EB COUNTING TO
SADDLE IN 10TH AVE
DOWN SPOUTS TIGHT LINE TO
DETENTION SYSTEM
10TH AVE N.
ASPHALT
PROPOSED
SPEC DRAKE
LOT C
DECK
COIL DRIVEWAY
SLOPE
COIL WALL
CB
DS
SD
TOP
BOT
100'-0"
70'-0"
40'-0"
10'-0"
8'-0"
28'-0"
77.53'

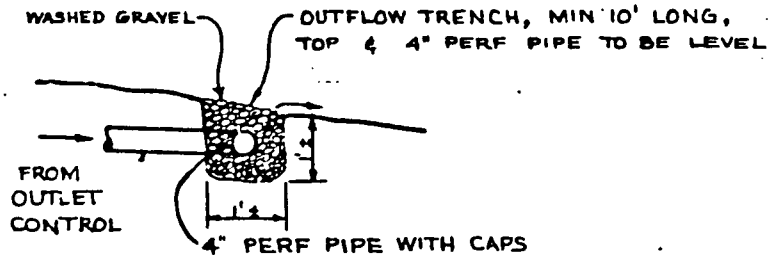


SYSTEM CROSS SECTION

*SEE PAGE 3 FOR OUTLET CONTROL DETAIL



RIPRAP OUTLET



RUNOFF SPREADER OUTLET

STANDARD DRAINAGE PLAN

DETENTION SYSTEM

PAGE 1 OF 2

for SEAWOOD HOMES INC

location Lot C. 10th & DALEY

plan by SEAWOOD HOMES

phone 778-7369

date 1/24/89

DESIGN DATA

System Number	Imperm Area	Pipe Diam	Pipe Length	Orifice Diameter
1.	5000	12.4	40	7/8

NOTES

1. Call Engineering Division (771-3202) for prebackfill and final inspections.
2. Responsibility for operation and maintenance of drainage systems on private property is the responsibility of the property owner(s). Material accumulated in the storage pipe must be flushed out and removed from catch basins to allow proper operation. The outlet control orifice must be kept open at all times.

Drainage approved

1/31/89

RECEIVED

JAN 24 RECD

PERMIT COUNTER

CITY OF EDMONDS

CITY of EDMONDS STREET FILE SIDE SEWER PERMIT

For Inspection Call 771-3202 PERMIT NO. 07982

Address of Construction: 505 10th Ave. N.

Property Legal Description (Include all easements): LOT C

Owner and/or Builder: Seawood Homes Inc

Contractor & License No: Seawchi 158 CD

890162

Single Family Residence ✓

Multi-Family _____ (No. of Units _____)

Commercial _____ (No. of fixture Units _____)

EDMONDS TREATMENT PLANT

Invasion into City Right-of-Way: No _____ Yes ✓ (If Yes, Right-of-Way Construction Permit required. Call One-Call-Center (1-800-424-5555) before any excavation.)

RW# 89-200

Cross other Private Property: No ✓ Yes _____ (If Yes, easement required, attach legal description and county easement number.)

PLEASE READ THE ITEMS LISTED ON THE BACK

Robert Bradwell

I certify that I have read and shall comply with the items listed on the back.

4-20-89
Date

Permit Fee: 30-

Trunk Charge: 25-

Assessment Fee: _____

Issued By: J

Date Issued: 4-20-89

Receipt No.: 10294

Partial Inspection: _____ Comments _____ Date _____ Initial

Final Inspection Approved: 5-2-89 Date EL Initial

Rejected: Partial Insp. By S. Highland Reason _____ Date _____ Initial

** PERMIT MUST BE POSTED ON JOB SITE **

White Copy - File Green Copy - Inspector Buff Copy - Applicant

Revised 10/84

The City of Edmonds

Side Sewer Drawing

EASEMENT NO. .....

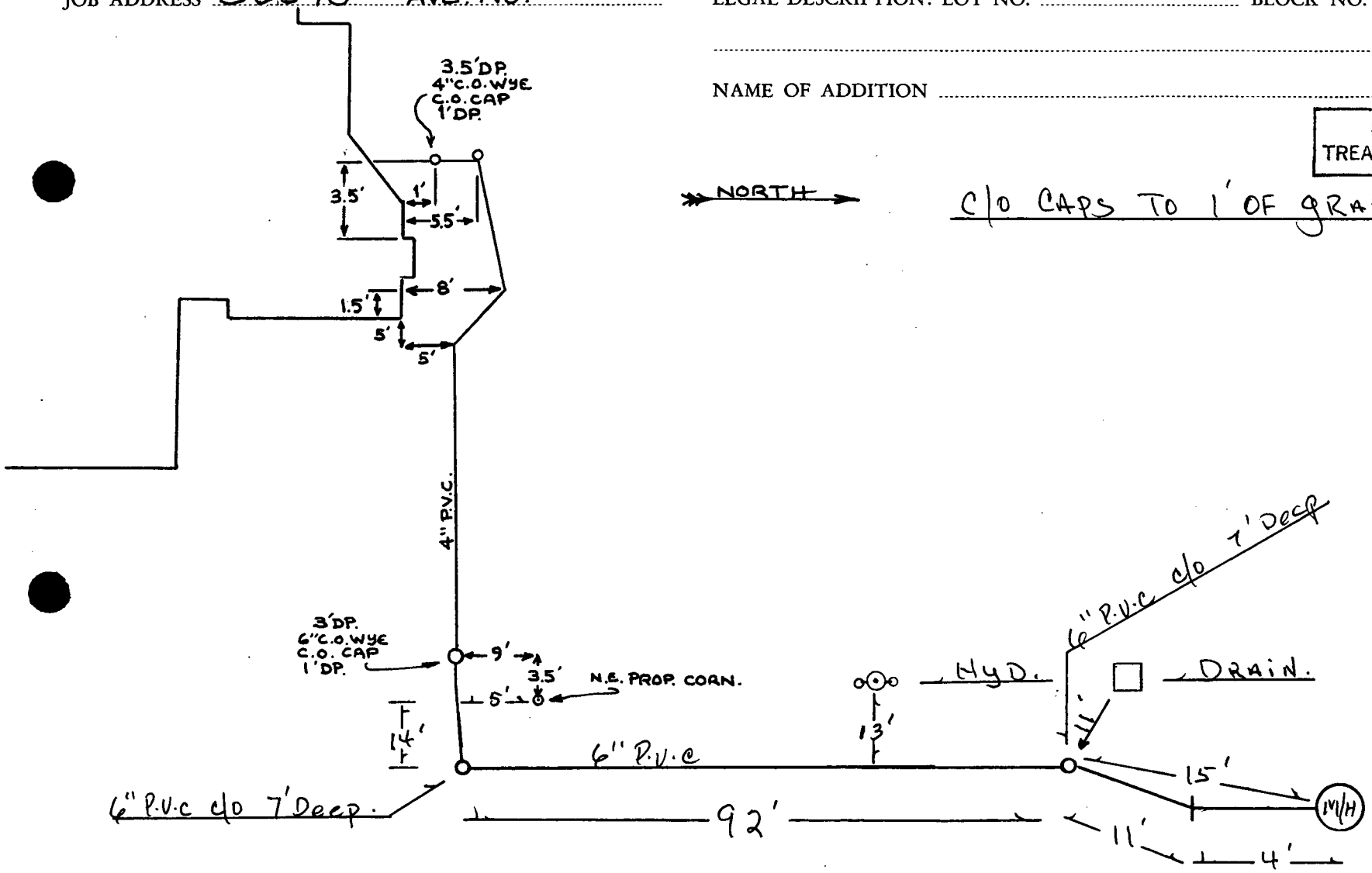
NEW CONSTRUCTION ☒ REPAIRS ☐ LID NO. ..... ASMT. NO. .....

OWNER ..... CONTRACTOR LUTZ BACKHOE PERMIT NO. 07982

JOB ADDRESS 505 10TH AVE. NO. LEGAL DESCRIPTION: LOT NO. ..... BLOCK NO. .....

NAME OF ADDITION .....

EDMONDS TREATMENT PLANT



Approved:

DATE 5-2-89 By

PARTIAL INSP. 4-24 & 25-1989 S.E.A.

5/11/89

PWW-0001-11/75 (REV.11/78)

PLANNING DATA

STREET FILE

SINGLE FAMILY RESIDENTIAL

Name: Demaray	Date: 8/6/14
Site Address: 505 10th Ave. N	Plan Check #: 2020140698
Project Description: Addn - ~~enclosed carport~~ enclose existing roof deck for office	
Reduced Site Plan Provided: (YES / NO)	Zoning: RS-12
Map Page: —	Corner Lot: (YES / NO) / Flag Lot: (YES / NO)

Critical Areas Determination #: _____

- ☐ Study Required
- ☐ Waiver

No ground disturbance

SEPA Determination: _____

- ☒ Exempt
- ☐ Needed (for over 500 cubic yards of grading)
  - ☐ Fee ☐ Checklist ☐ APO List with notarized form

Required Setbacks

Street: E 25	Side: S 10	Side: N 10	Rear: W 25

Actual Setbacks

Street: 27 existing	Side: 7.5 existing	Side: 19.5	Rear: 39.3 existing

- ☐ Detached Structures:
- ☐ Rockeries:
- ☐ Fences/Trellises:
- ☐ Bay Windows/Projecting Modulation:
- ☐ Stairs/Deck:

Building Height

Datum Point: Drain in driveway	Datum Elevation: 100
Maximum Height Allowed: 25 (122.51)	Actual Height: 23.82 (121.33)

Other

Parking Required: 2	Parking Provided: 3 enclosed
Lot Area: 11,605	Maximum Lot Coverage: 35% Proposed: 28.4%

Lot Coverage Calculations: house + deck - 2880 + 420 = 3300 sf

ADU Created: (YES / NO)

Subdivision: Puget Sound Machinery Repet 5 Acre Tracts

Legal Nonconforming Land Use Determination Issued: (YES / NO)

Comments

~~Height~~ calcs

A - 93.92
B - 98.5
C - 100.75
D - 96.88

390.05/4 = 97.51' avg orig
+25 = 122.51' max

Plan Review By: M. Chasto 8/6/14

SHANNON D. RAMEY, P.E.
8215 84th St. NE Marysville, Wa. 98270
ph. 425-327-4894 rampart.sdr@hotmail.com

STRUCTURAL DESIGN FOR REMODEL 7/7/14
DEMARAY RESIDENCE
EDMONDS, WA 98026

THESE CALCULATIONS ARE FOR DETERMINING THE TYPE OF CONSTRUCTION REQUIRED TO RESIST FORCES OF GRAVITY. DESIGN OF INDIVIDUAL ELEMENTS SUCH AS JOISTS, HEADERS, FLOORS, RFTERS, TRUSSES, CONCRETE FOOTINGS, ETC, ARE TO FOLLOW PRESCRIPTIVE INDUSTRY & CODE APPROVED METHODS. WHERE COMPONENTS HAVE BEEN DESIGNED, THE ANALYSIS IS INCLUDED WITH THESE CALCULATIONS.

CALCULATIONS, DETAILS, AND SUPPORTING INFORMATION ARE ATTACHED. THIS INFORMATION IS INCORPORATED BY REFERENCE HERE INTO THE DRAWINGS, PLANS, AND SPECIFICATIONS OF THE PROJECT.

SHANNON D. RAMEY, P.E.

LOADS, DEAD & LIVE

ROOF DEAD LOAD $R_D := \frac{429 + 327 + 103 + 129}{16.5 \cdot 13.5}$ $R_D = 4.4$

FLOOR DEAD LOAD $F_D := \frac{620 + 237}{158} + 1.5$ $F_D = 6.9$

SHANNON D. RAMEY
STATE OF WASHINGTON
28610
REGISTERED
PROFESSIONAL ENGINEER
9-7-14
8PGS

FLOOR LIVE LOAD, BEDROOM SPACE $F_{Lb} := 30$

ROOF LIVE LOAD (SNOW) $R_L := 25$

ATTIC LIVE LOAD $A_L := 0$

PARTITION WALL LOAD $P_w := 0$

ROOF LIVE LOAD (GROUND SNOW LOAD PER IRC2009 & ASCE 7-05)

GROUND SNOW LOAD = $p_g := 25$ $p_f = 0.7 \cdot C_e \cdot C_t \cdot I \cdot p_g$ FLAT ROOF SNOW LOAD, EQN. 7-1

$C_e := 0.9$ EXPOSURE FACTOR FROM TABLE 7-2, CATEGORY B

$C_t := 1.0$ THERMAL FACTOR FROM TABLE 7-3

$I := 1.0$ IMPORTANCE FACTOR FROM TABLE 7-4, CATEGORY II

$p_f := 0.7 \cdot C_e \cdot C_t \cdot I \cdot p_g$ $p_f = 15.75$ FLAT ROOF SNOW LOAD

$p_s = C_s \cdot p_f$ SLOPED ROOF SNOW LOAD, EQN. 7-2 $C_s := 1.0$ SLOPE FACTOR FOR COLD ROOF

$R_L := C_s \cdot p_f$

$R_L = 15.75$ DESIGN SNOW LOAD FOR ROOF

RESUB
SEP 15 2014
BUILDING DEPARTMENT
CITY OF EDMONDS

extra

Hurricane ties:

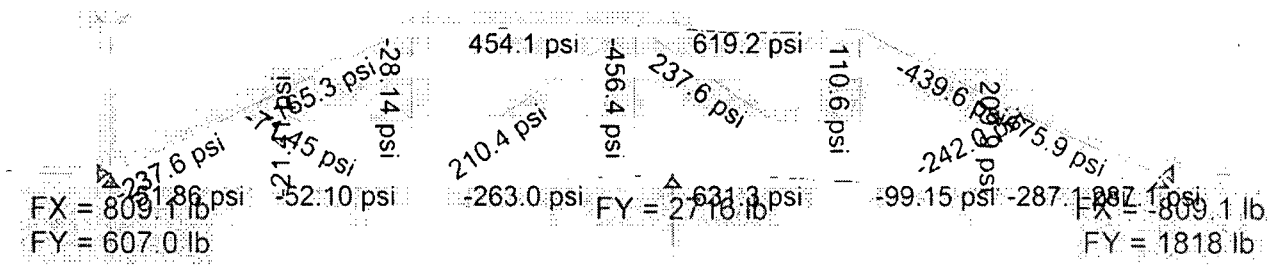
TABLE R802.11
REQUIRED STRENGTH OF TRUSS OR RAFTER CONNECTIONS TO RESIST WIND UPLIFT FORCES

BASIC WIND SPEED (3-second gust)	ROOF SPAN (feet)							OVERHANGS[d] (pounds/feet)
	12	20	24	28	32	36	40	
85	-72	-120	-145	-169	-193	-217	-241	-38.55
90	-91	-151	-181	-212	-242	-272	-302	-43.22
100	-131	-218	-262	-305	-349	-393	-436	-53.36
110	-175	-292	-351	-409	-467	-526	-584	-64.56

H-TIES AT TRUSS ROOF: $lift := (72 + 39 \cdot 2)$ $lift = 150$ USE #H3 EVERY TRUSS/RAFTER END

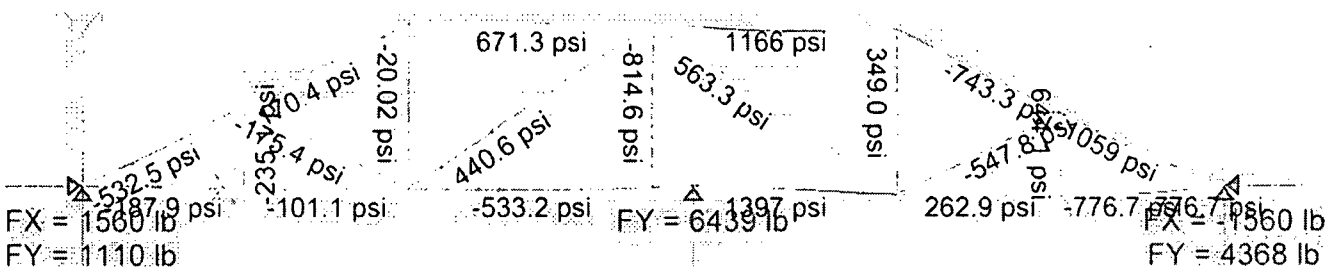
Demaray Truss Analysis: TR0 (North Truss) dead load
Bending Stresses
Loads:
12 psf roof load distributed across top
1/4 of addition roof load from TR1 (West Truss) & TR2
(East Truss) 678 lbs/truss, split for TR2
12 psf floor dead load distributed between TR1 & TR2
NOTE: Actual truss is double, calculated is single, therefore shown stresses are double that of actual

Max allowable bending stress: 1300psi
Max shown stress divided by 2 (for double truss): 314.9
Safety Factor: 4.12



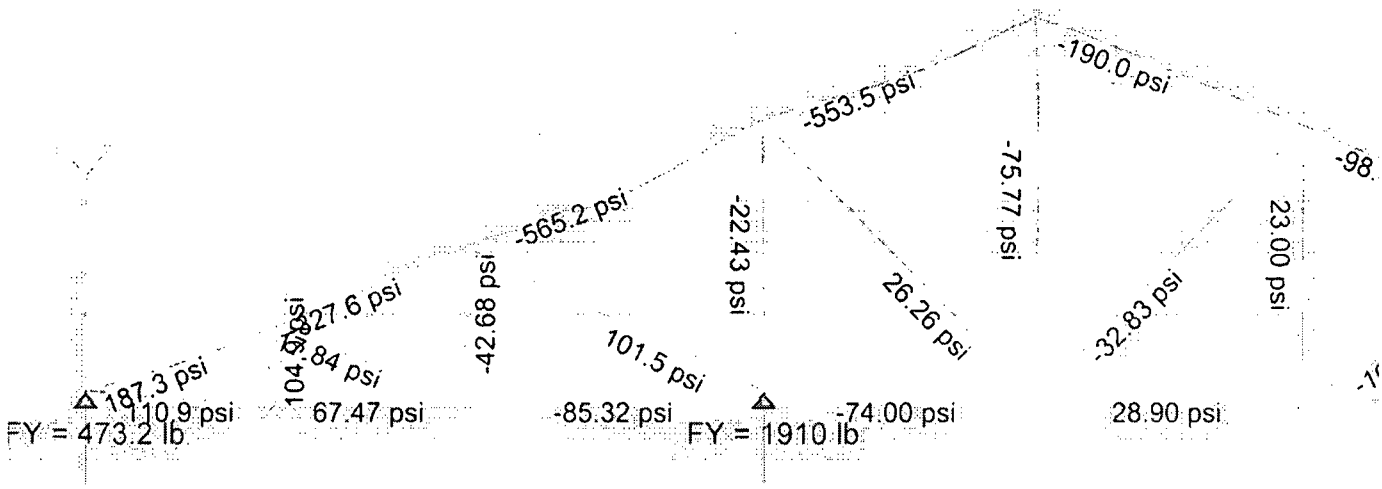
Demaray Truss Analysis: TR0 (North Truss) live load
Bending Stresses
Loads:
12 psf roof dead load, 25 psf roof live load distributed across top
1/4 of addition roof load, dead and live from TR1 & TR2, point loads
12 psf floor dead load, 30 psf floor live load distributed between TR1 & TR2
NOTE: Actual truss is double, calculated is single, therefore shown stresses are double that of actual

Max allowable bending stress: 1300 psi
Max shown stress divided by 2 (for double trusss): 698.5 psi
Safety Factor: 1.86



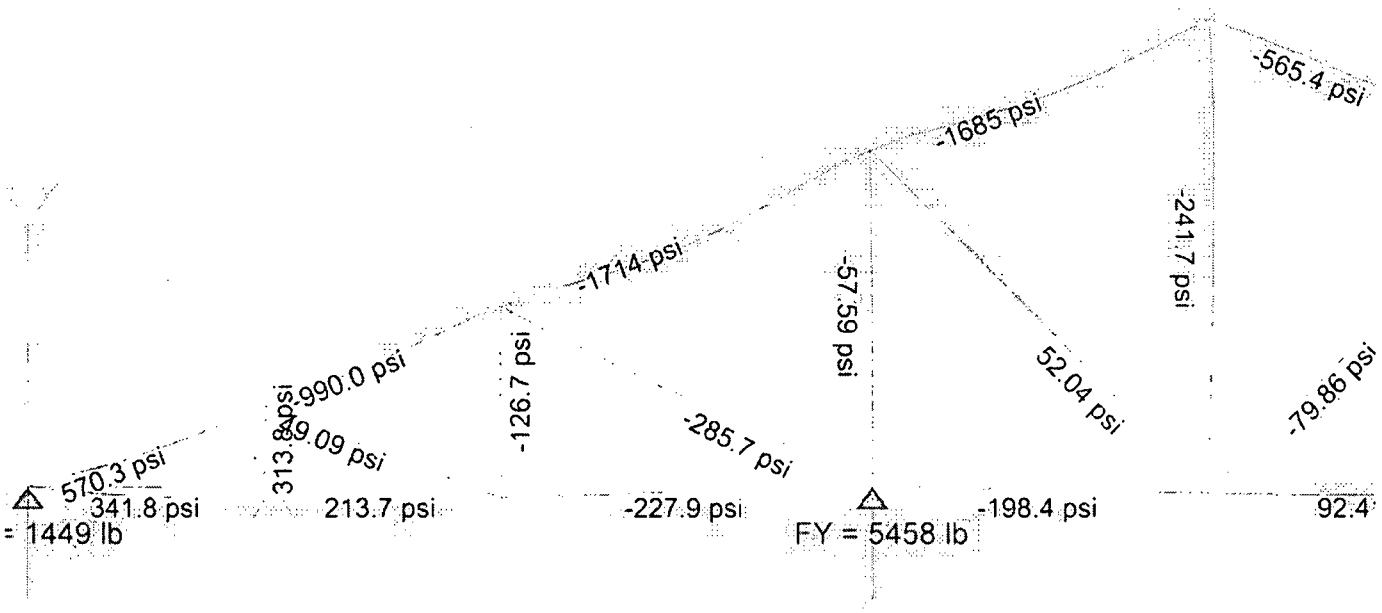
Demaray Truss Analysis: TR1 (West Truss) dead load
Bending Stresses
Loads:
12 psf roof dead load, 25 psf roof live load distributed across top
1/2 of addition roof load
NOTE: Actual truss is double, calculated is single, therefore shown stresses are double that of actual.
2x10 floor joist also attached to rafter, further increasing strength

Max allowable bending stress: 1300 psi
Max shown stress divided by 2 (for double trusss): 282.6 psi
Safety Factor: 4.6



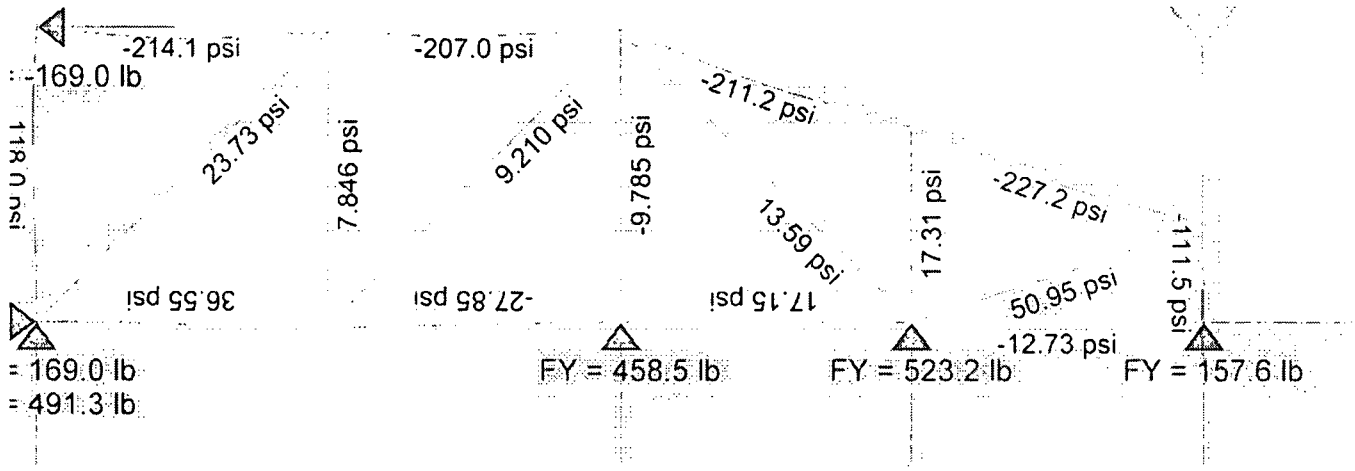
Demaray Truss Analysis: TR1 (West Truss) live load
Bending Stresses
Loads:
12 psf roof dead load, 25 psf roof live load distributed across top
1/2 of addition roof load
NOTE: Actual truss is double, calculated is single, therefore shown stresses are double that of actual. 2x10 floor joist also attached to rafter, further increasing strength

Max allowable bending stress: 1300 psi
Max shown stress divided by 2 (for double trusss): 857 psi
Safety Factor: 1.5



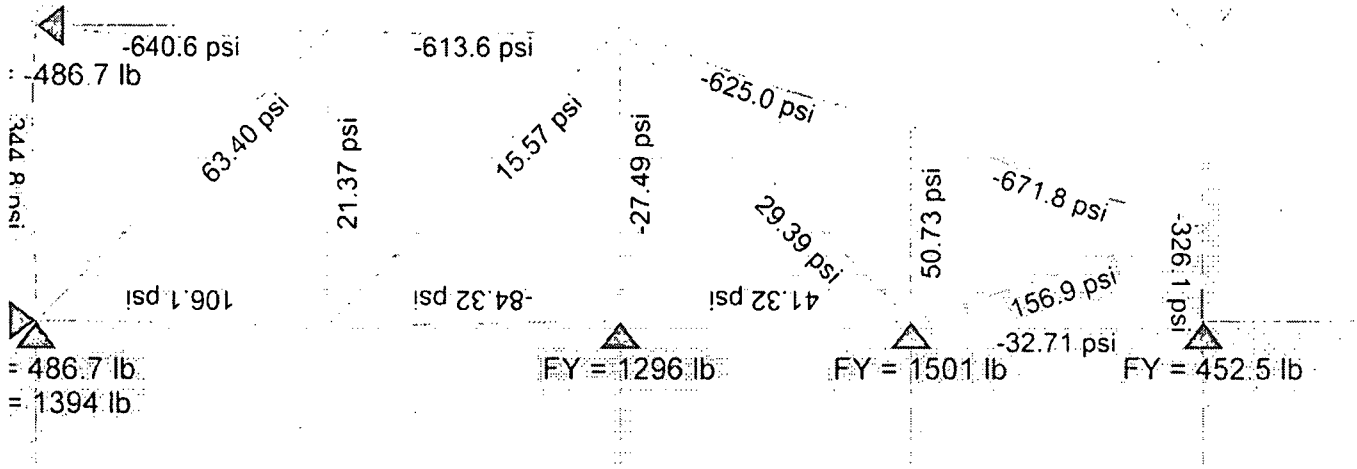
Demaray Truss Analysis: TR2 (East Truss) dead load
Bending Stresses
Loads:
12 psf roof dead load, 25 psf roof live load distributed across top
1/2 of addition roof load, distributed across top
Supported by wall underneath
NOTE: Actual truss is double, calculated is single, therefore shown stresses are double that of actual.
2x10 floor joist also attached to rafter, further increasing strength

Max allowable bending stress: 1300 psi
Max shown stress divided by 2 (for double trusss): 113.6 psi
Safety Factor: 11.45



Demaray Truss Analysis: TR1 (East Truss) live load
Bending Stresses
Loads:
12 psf roof dead load, 25 psf roof live load distributed across top
1/2 of addition roof load distributed across top, 12 psf dead load, 25 psf live load
Supported by wall below
NOTE: Actual truss is double, calculated is single, therefore shown stresses are double that of actual.
2x10 floor joist also attached to rafter, further increasing strength

Max allowable bending stress: 1300 psi
Max shown stress divided by 2 (for double trusss): 335.9 psi
Safety Factor: 3.87



DATE: 1-31-[illegible]

MEMO TO: Permit Coordinator, Building Division

FROM: Dan Smith, Engineering Inspector

ADDRESS: 511 10TH North

OWNER: SEAWOOD Homes

After review of the subject building permit application, we have the following comments:

1) Construction hours are: WEEKDAYS 7:00am to 10:00pm
WEEKENDS/HOLIDAYS 10:00am to 6:00pm

2) A Right-of-Way construction permit is required for any work on City property.

3) Connection to City water system required.

4) Connection to City sanitary sewer system required; obtain separate permit.

5) Water and sewer lines to be separated by 10 foot minimum.

6) Driveway must be paved a minimum of 20 feet back from City right-of-way; separate permit required.

7) Driveway slope not to exceed 14%.

8) Back water valve required if downstairs plumbing is below elevation of upstream manhole.

9) Builder/Owner responsible for containing all temporary runoff and erosion control on site. Construction may not impact neighboring properties in any way.

10) No burning of construction refuse without approval from Fire Dept.

11) Street to be kept clean of debris, dirt, mud, and construction materials. Contractor responsible for dust control.

12) Inspection required on drainage system, catch basin installation, driveways, and sidewalks. A final engineering inspection is required prior to the building division granting occupancy.

13) Underground wiring required

14) Run footing drain to separate onsite sump

15) Meet with city (DAN SMITH) + onsite to determine amount of pavement required on 10TH N.

PROJECT REVIEW CHECKLIST

12

PROJECT NAME: S/F DAWOOD [redacted] PROJECT ADDRESS: 511 10[redacted]e N

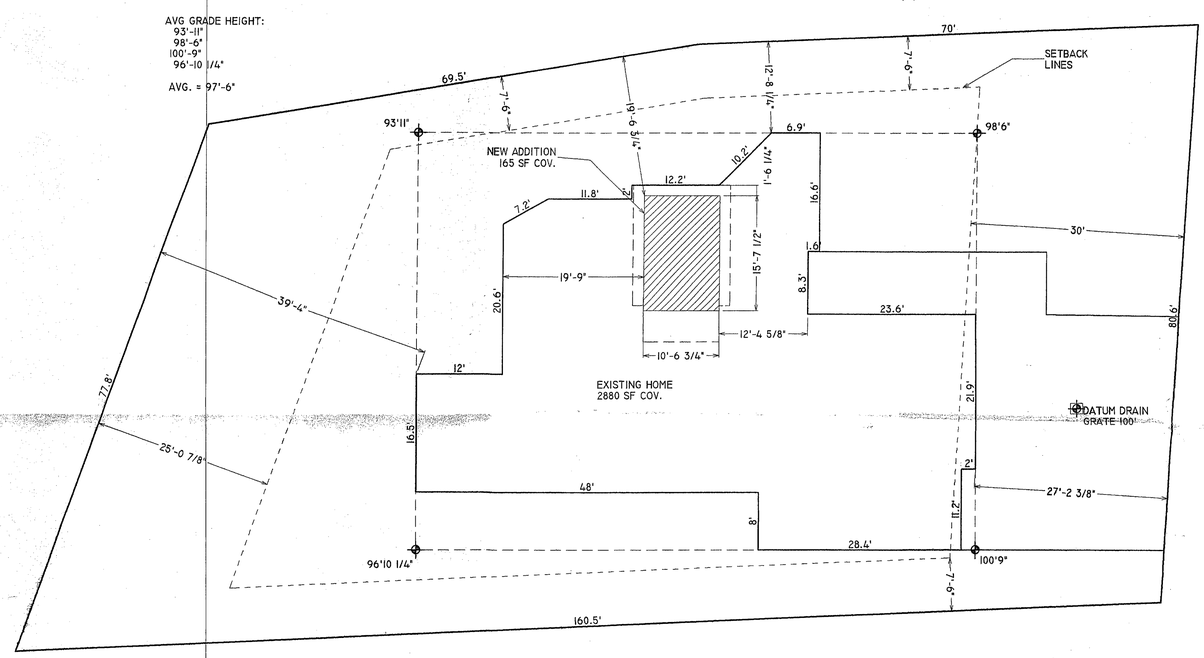
APPLICATION RECEIPT DATE: 1-24-89

12

COMMENTS	FIRE	PLANNING BUILDING	Reviewed by: (initial/date) WTR/SWR	STREET	ENGNRNG	
SINGLE FAMILY/MULTIPLE/COMMERCIAL - (Circle One)						
SETBACKS CHECKED - Planning VARIANCE/SETBACK ADJ.						1
CONDITIONAL USE PERMIT						2
ADB REQUIREMENTS CHECKED						3
OTHER ZONING REQUIREMENTS						4
ENVIRONMENTAL FEATURES —					Olmuch	5
ACCESS SLOPE & VEHICLE ACCESS OK to 10th						6
DRAINAGE PLAN (On Site) per appr plan						7
STREET FILE						8
LEGAL DESCRIPTION VERIFICATION ✓						9
QUIT CLAIM/DEDICATIONS N/R						10
EASEMENT - PUBLIC/PRIVATE						11
CALCULATE SEWER CONNECTION IF NO LID# 95						12
PLAT/SUBDIVISION REQUIREMENTS —						13
RIGHT-OF-WAY CONSTRUCTION PERMIT REQD yes				1/25/89		14
BOND REQD FOR PUBLIC IMPROVEMENTS no						15
SOILS CONDITIONS & GROUND WATER FIELD CHECKED						16
STREET PAVING REQUIRED						17
CURB AND GUTTER REQUIRED						18
SIDEWALK REQUIRED						19
CURB CUT FOR DRIVEWAY REQD						20
STREET NAME SIGN REQD						21
OTHER SIGNING REQD						22
SIDE SEWER AVAILABILITY						23
EXISTING WATER MAIN SIZE			6" D.I.			24
WATER METER SIZE			3/4"			25
SERVICE LINE SIZE			3/4"			26
HYDRANT REQUIRED						27
HYDRANT SIZE EXISTING			5 1/4"			28
CROSS CONNECTION INSPECTION REQD			TB			29
WATER METER CHARGE REQD			650.00			30
FIRE LINE CHARGE REQD - SPRINKLER			TB			31
STREET CUT			72.00			32
OPEN DITCH EXISTING						33
REQD						34
CULVERT REQD						35
SIZE						36
CATCH BASIN REQD						37
INDICATED ON SITE PLAN						38
SHOULDER DRAINAGE MAINTAIN SHALE OPEN RUNOFF						39
MISC:						40

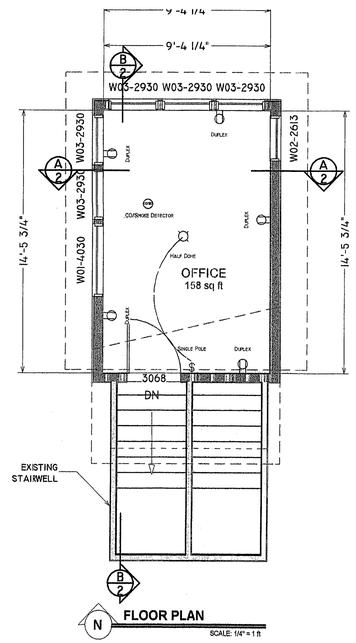
RECEIVED JAN 25 1989 PUBLIC WORKS

REVIEWED BY: _____ PLANNING MGR. _____ ENGINEERING MGR. Bobby E Mills PUBLIC WORKS MGR.



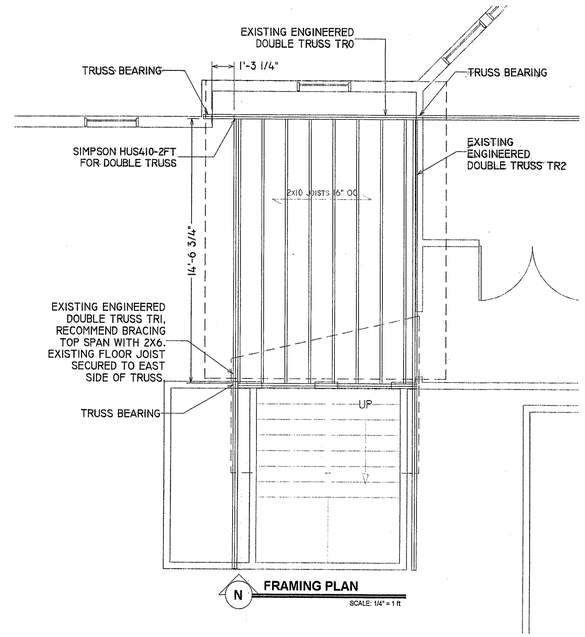
SITE PLAN

SCALE: 1" = 10 ft



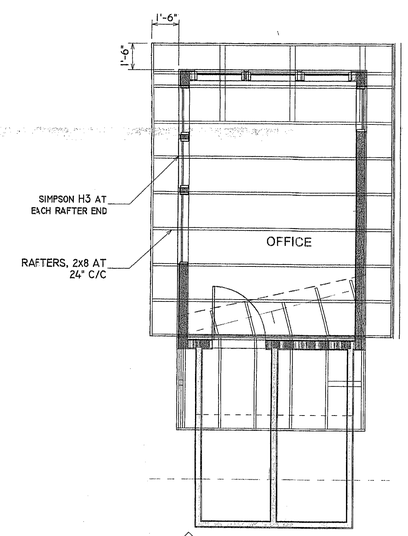
FLOOR PLAN

SCALE: 1/4" = 1 ft



FRAMING PLAN

SCALE: 1/4" = 1 ft



ROOF PLAN

SCALE: 1/4" = 1 ft

GENERAL STRUCTURAL NOTES:

1. ALL WORK TO COMPLY WITH 2012 IRC.
2. DESIGN LOADS:
   - ROOF = 25 PSF SNOW LOAD
     - 9 PSF DEAD LOAD
   - FLOOR = 40 PSF LIVE LOAD LIVING SPACES
     - 30 PSF SLEEPING SPACES
     - 12 PSF DEAD LOAD
   - DECK = 40 PSF LIVE LOAD
     - 15 PSF DEAD LOAD
   - WIND SPEED 85 MPH., EXPOSURE B, Kzt=1.0
   - SEISMIC CATEGORY D1, SITE CLASS D
   - SEISMIC RESPONSE FACTOR Ss=1.200
     - (FROM USGS FOR SITE LAT.& LON.)
   - SOIL BEARING CAPACITY 1500 PSF ASSUMED
   - SOIL ACTIVE PRESSURE 40 PSI/FT
   - SOIL DENSITY 130 PCF
   - SOIL PASSIVE PRESSURE 250 PSF
3. MATERIALS:
   - FRAMING LUMBER--HF#2
   - POSTS, HEADERS & BEAMS--DF#2
   - TRUSSES--ENGINEERED BY SUPPLIER
   - JOISTS--HF#2
   - SHEATHING--7/16 APA RATED OSB
   - SUBFLOOR--3/4 APA RATED T&G PLYWOOD
   - CONCRETE--2500 PSI, 5 1/2 SACK MIX
   - STEEL REINFORCEMENT FY = 60,000 PSI
4. NAIL/FASTEN STRUCTURAL PANELS & FRAMING PER TABLE R602.3(1) IN 2012 IRC
5. CORROSION PROTECTION: ALL FASTENERS, CONNECTORS, AND ANCHOR BOLTS IN CONTACT WITH PRESSURE TREATED LUMBER ARE TO BE GALVANIZED OR STAINLESS STEEL.

ENERGY CREDIT 5A PER TABLE 406.2 (CREDIT = 0.5):

1. REPLACE WATER HEATER WITH
   - A. A GAS, PROPANE, OR OIL WATER HEATER WITH MIN EF OF 0.62
   - B. OR AN ELECTRIC WATER HEATER WITH MIN EF OF 0.93
2. REPLACE ALL SHOWER HEADS AND SINK FAUCETS WITH ~~UNITS RATED AT 1.75~~ GPM OR LESS
3. REPLACE LAVATORY FAUCETS WITH UNITS RATED AT 1.0 GPM OR LESS

IMPERVIOUS SURFACE CALCS
LOT AREA = 11605.8
EXISTING HOME = 2880
EXISTING DRIVES/WALKS = 1210
EXISTING DECK = 420
ADDITION = 0
TOTAL COV. = 4510
NO NEW OR ADDITIONAL IMPERVIOUS SURFACE

LOT COVERAGE CALCS
LOT AREA = 11605.8
ALLOW. COV. = 35% = 4062
EXISTING HOME = 2880
EXISTING DECK = 420
ADDITION = 0
TOTAL COV. = 3300

OWNER: MARK & JILL DEMARAY
ADDRESS: 505 10TH ST., EDMONDS, WA 98020

PARCEL NO.: 0054890000814

LEGAL: PUGET SOUND MCHY DEPOT 5 AC TRS BLK 000 D-14 TH PTN TR 8 DAF - COM AT SE COR SD TR 8 TH N00*11 38WALG E LN SD TR 8 80FT TO TPB TH N89*50 54W PLW S LN SD TR 8 70FT TH S84*18 74W 68.81FT TH S23*31 56W 79.53FT TO INT WITH S LN SD TR 8TH S89*50 54E ALG SD S LN 160.50FT TAP WH IS 10FT WLY OF SE COR SD TR 8 TH N06*56 10E 80.56FT TO POB

WINDOW SCHEDULE

NUMBER	QTY	SIZE	EGRESS	DESCRIPTION	COMMENTS
W01	1	4030		FIXED GLASS	
W02	1	2613		AWNING	
W03	5	2930		SNGL CASEMENT-HR	

ELECTRICAL SCHEDULE

NUMBER	QTY	DESCRIPTION	COMMENTS
E01	5	DUPLEX	
E02	1	HALF DOME - LIGHTING WHITE	
E03	1	SINGLE POLE	
E04	1	CO/SMOKE DETECTOR	

APPROVED BY PLANNING
9/22/14

ENGINEERING DIVISION
APPROVED AS NOTED
Date: 9/29/14
Enclosure of 2nd Story Deck for office space – no new impervious

STREET FILE

Zone R5-12 Corner Flag

Setbacks	Required	Actual
Front E	25	27 existing
Sides N/S	10/10	9.5/7.5
Rear W	25	39.5
Other		
Height	25	23.82

SHANNON D. RAMER
STATE OF WASHINGTON
28610
REGISTERED PROFESSIONAL ENGINEER
9/15/14

RESUB

SEP 15 2014

BUILDING DEPARTMENT
CITY OF EDMONDS

DEMARAY ADDITION

DATE: 07-15-2014
REVISION: 09-07-14
SCALE: 1/4" = 1'-0"

A-1