



City of Seattle
Department of Planning and Development (DPD)
PLAN COVERSHEET

Updated
09/07/12

INSTRUCTIONS: Complete all areas of sections 1 - 7 that pertain to your project. Please note that sections 8 - 14 are to be completed by DPD staff.

1. APPLICANT INFORMATION

PROJECT ADDRESS: 806 OLIVE WAY PROJECT #

DESCRIPTION OF WORK: MODIFY SPRINKLERS FOR T.I.

OWNER: ADDRESS: PHONE: E-MAIL: CONTACT PERSON: MATT GREENE ADDRESS: 2707 70TH AVE E TACOMA, WA 98424 PHONE: 253-377-2272 FAX: 253-922-6150 E-MAIL: mattg@patriotfire.com PREVIOUS RELATED MUPs: RELATED STANDARD PLANS:

2. LAND USE CODE INFORMATION

ZONE: ASSESSOR'S PARCEL NO.: 0660000835 DESIGN REVIEW? Yes No

OVERLAY ZONING: HISTORIC OR LANDMARK DISTRICT: SHORELINE ZONE: Exempt Requires Shoreline review SEPA: Exempt Requires review

EXISTING USE	SQ. FT.	PROPOSED USE	SQ. FT.

DEPARTMENT OF NEIGHBORHOODS CERTIFICATE OF APPROVAL REQUIRED? Yes No
STREET/ALLEY IMPROVEMENTS OR WORK IN THE RIGHT OF WAY REQUIRED? Yes No

PARKING SPACES: Existing Onsite Offsite Accessible Existing Proposed New
Proposed Onsite Offsite Accessible Demolished Live/Work
Offsite Location: TOTAL:

3. HOUSING UNIT OCCUPANCY

DEFINITION: Housing unit means any dwelling unit, housekeeping unit, guest room, dormitory, or single room occupancy unit, and may include a residential unit in a commercial building, an artist's studio dwelling unit, or a live/work unit.

CHECK ONLY ONE BOX BELOW TO INDICATE HOUSING OCCUPANCY AT DATE OF PERMIT APPLICATION.

Unit(s) unoccupied Unit(s) occupied by residential tenant
Unit occupied by property owner Do not know
No units on property Refer to property owner/tenant assistance
Unit(s) on property not affected by permit scope

I certify, under penalty of perjury under the laws of the State of Washington, that the above information is true and correct.

Owner/Applicant Signature: Printed Name: Date: Place:

4. GROUND DISTURBANCE

GROUND DISTURBANCE: Yes No Excavation - cubic yards: Maximum height: Fill - cubic yards: Maximum height:

DISPOSAL SITE: Outside City of Seattle Inside City of Seattle Address and/or permit #:

Erosion control is required PRIOR to any ground disturbance. Please refer to Temporary Erosion and Sediment Control (TESC) Plan.

CUSTOMER ALERT!

Site Inspection Required Prior to First Ground Disturbance - Call (206) 684-8900
A DPD site inspection is required prior to any ground disturbance related to this permit, including clearing, grubbing or grading.

Preconstruction Conferences, When Required - Call (206) 684-8860
A DPD preconstruction conference should be scheduled prior to beginning work. A conference is required for the following types of work:
1. When any special inspections are indicated on the plan
2. When land use or design review conditions are indicated on the plan
3. When a DPD plans examiner specifies on plans unusual or complex inspection or occupancy requirements

Rules for Ufer Grounds - Call (206) 684-6383
If you have any questions or concerns regarding the rules (2005 NEC) for installation of ufer grounds, please contact DPD's Electrical Technical Backup Monday - Friday, 7:00 a.m. to 4:30 p.m.

Required SDOT Permits and Inspections
Street Tree Inspections
Protection and/or planting/pruning/removal of street trees requires Seattle Department of Transportation (SDOT) inspection and approval. Call prior to construction: Commercial/Multifamily Zones, (206) 684-5993 Single Family Zones, (206) 684-7997
Street Use Permits
Call prior to construction: (206) 684-5283

Water Service Inspection by SPU Required
All water service piping on property must be inspected prior to backfilling trench. For information and inspection, call Seattle Public Utilities (SPU) at (206) 684-8900. For water quality backflow protection information and inspection, call SPU at (206) 684-3536.

5. BUILDING CODE INFORMATION

MULTIPLE BUILDINGS IN THIS PROJECT? Yes No
If yes, fill out separate sheets and attach. Shown on plan sheet: CODE USED FOR DESIGN (select one)
2009 Seattle Building Code
2009 Seattle Residential Code
2009 SBC (struct) and 2009 SRC (arch)

PROVIDE THIS INFORMATION FOR EVERY BUILDING IN YOUR PROJECT

DPD building ID: (see building data sheet)

Existing # of above-grade stories: Proposed # of above-grade stories: Mezzanines? Yes No
Existing # of below-grade stories: Proposed # of below-grade stories: Location:

Building code type of construction:

FLOOR LEVEL	GROUP	OCCUPANCY/USE	FLOOR AREA	SPRINKLER (Y/N)	OTHER FIRE PROTECTION
1		MERCANTILE	4000 sq ft	Yes	

Remodel: Construction project value \$ 2,250
Sprinklers: NFPA 13 NFPA 13 R Partial system Fire alarm Other system Type:
Change of occupancy: Yes No From To
Posted occupancy:
EMERGENCY SYSTEMS PROVIDED
Elevator pressurization Exit and pathway lighting Stairway pressurization Smoke removal system Emergency generator

6. ENERGY/MECHANICAL CODE

SCOPE OF MECHANICAL WORK DESCRIPTION:

RELATED BUILDING PERMIT PROJECT #:
LOCATION OF DUCTWORK OR MECHANICAL EQUIPMENT:
Interior Yes No Exterior wall Yes No Rooftop Yes No
MECHANICAL-ONLY PERMIT Project value \$:
APPLICABLE OCCUPANCY:
Single-family/duplex Multi-family Non-residential

BUILDING ENVELOPE COMPLIANCE HEATED SEMI-HEATED UNHEATED SPACE
Existing envelope - no change
Existing envelope - altered
New envelope

Compliance method: System analysis Target UA/SHGCA/TA Prescriptive - Group R Provide option #:
HVAC MECHANICAL SYSTEM:
Not included with this application (if mech drawings are included with plans, please stamp "for reference only")
Included with this application (see scope description for detail)

Heating fuel type: Single-family/duplex Electric Other
Multi-family Electric Other
Non-residential Electric Other

OTHER MECHANICAL EQUIPMENT INCLUDED IN THIS APPLICATION:
Commercial kitchen hood exhaust system Fume hood
Spray paint booth Other Specify:

DOCUMENTS INCLUDED:
Residential equipment sizing calc (unit by unit) Noise compliance report (for mechanical equipment)
Non-residential cooling and heating load (for other than Group R) Commercial kitchen hood worksheet
Target UA/SHGCA/TA calculation Other
Structural load calculation (for mechanical equipment)

SINGLE-FAMILY/DUPLEX:
Min equipment size Max equipment size Gas or oil heating AFUE Table 9-1 option:
Separate permits are required for lighting, plumbing, gas piping, boiler, and refrigeration systems.

7. PRIORITY GREEN
(www.seattle.gov/dpd/prioritygreen)

PRIORITY GREEN EXPEDITED
Screening required prior to building permit intake appointment.
Rating anticipated:
Built Green
4 star
5 star
LEED
Gold
Platinum
DPD Alternative Path for Single Family
Using 3 credits for SEC Table 9-1

PRIORITY GREEN FACILITATED
Screening required prior to building permit or MUP intake appointment.
Rating anticipated:
Priority Green Building Matrix - 10 points
Living Building Challenge
Built Green 5 Star + 2030 Challenge
LEED Platinum + 2030 Challenge

8. LAND USE CONDITIONS (DPD staff use only)

Assigned planner: Phone:

NEW CURB CUT REQUIRED: Yes No Residential Commercial

9. SPECIAL INSPECTIONS (DPD staff use only)

10. DRAINAGE & SEWER REVIEW (DPD staff use only)

DPD SEWER AND DRAINAGE REVIEW DESK: (206) 684-6362

DRAINAGE REVIEW REQUIRED? Yes No
Flow control required
No flow control required
Impervious surface this project (new or replaced) in sq. ft.:
NOTE: The drainage system shown in these plans may be changed at the time of side sewer permit issuance to meet standard plans and methods.
Route for drainage review:
SIDE SEWER REVIEW REQUIRED? Yes No
No conflict with side sewer
Construction conflicts with applicant's side sewer. Contact Public Health Department at (206) 233-7914
Construction conflicts with side sewer serving another property. Contact DPD Sewer and Drainage Review Desk at (206) 684-5362
Construction conflicts with public utility main (requires buildover). Contact SPU at (206) 684-7563
Reviewed by: Date:

NOTE: A separate side sewer permit is required from DPD for ALL new drainage and sewer installations. For more information, call the Sewer and Drainage Review Desk at (206) 684-5362.

11. ENVIRONMENTALLY CRITICAL AREAS INFO (DPD staff use only)

ENVIRONMENTALLY CRITICAL AREAS (ECA)
Site is not located in ECA
Mapped ECA designation: 1 2 3 4 5 6 7 8 9 10 11
ECA identified by pre-application site visit report as:
ECA exemption (see review details in Hansen)
Reviewed by: Date:
Denied Granted Type:
Small project waiver:
New development coverage this permit (sq. ft.):
Previous development coverage (after 10/31/92) Permit # Sq. ft. Permit # Sq. ft. Total:

12. SHOP DRAWINGS, KEY AREA INSPECTION & BUILDING CONDITIONS (DPD staff use only)

Sprinkler drawings required for: NFPA 13 NFPA 13 R Partial system Location: Fire alarm
Required shop drawings/ key area inspections:

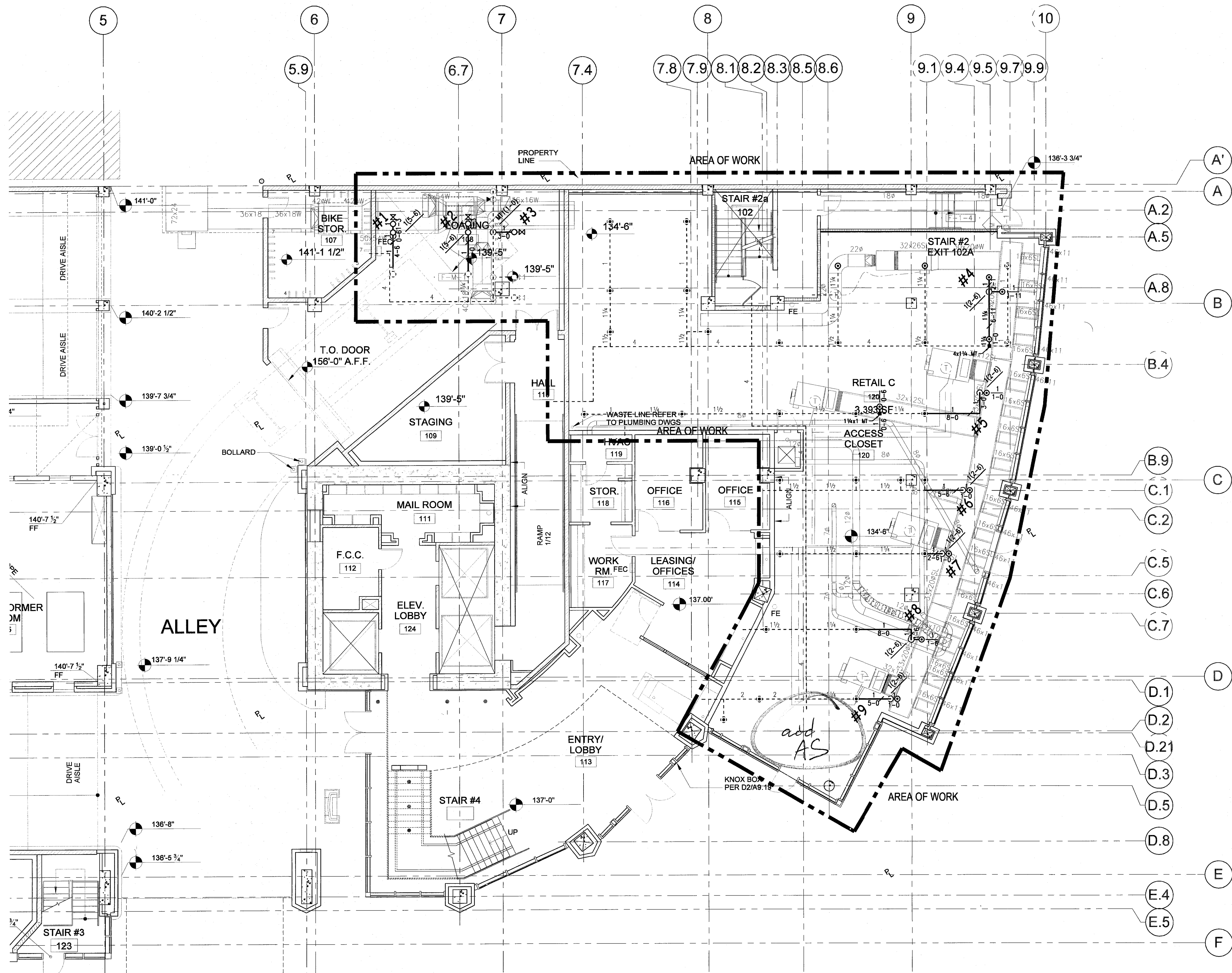
13. PERMIT ISSUANCE AUTHORIZATION (DPD staff use only)

REVIEW LOCATION	APPROVAL INITIALS	DATE	NOTES
ZONING (incl. street improvements)			
CURB CUT			
ORDINANCE			
STRUCTURAL			
ENERGY			
MECHANICAL			
DRAINAGE			
ECA			
GRADING			
WATER (SPU)			
FIRE		1/23/14	SOR 46448
HEALTH (King County)			
NOISE			
CONVEYANCE/ELEVATOR			
SHORING (SDOT)			
STREET IMPROVEMENT (SDOT)			
PARKS			
PROTECTED DISTRICTS (DON)			
SEPA EXEMPTION			
LAND USE			

14. DEPARTMENT SIGN OFFS (DPD staff use only)

ISSUED BY: DATE: 1/30/14

BUILDING PLANS EXAMINER MECHANICAL PLANS EXAMINER DATE RECEIVED AT INTAKE



LEVEL 1 FIRE SPRINKLER PLAN

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



SCOPE OF WORK

ADD AND RELOCATE SPRINKLERS FOR TENANT IMPROVEMENT.

PLAN APPROVED *SJR-46448*
 SUBJECT TO ORDINANCE REQUIREMENTS OF PLAN REVIEW
 AND FIELD INSPECTION. CALL 386-1443 FOR FIELD INSPECTION.
 HAVE COPY OF APPROVED PLAN AT JOB SITE.
 CHIEF OF FIRE DEPARTMENT
 BY *[Signature]* DATE *1/23/14*

HANGER LEGEND	
A	"U" HOOK
B	COACH SCREW ROD
D	BM. CLAMP W/ "STRAP"
E	EYELET
F	HDIP
G	CEILING FLANGE
H	SIDE BEAM BRACKET
K	SHORT CLIP
M	ALL THREAD ROD
N	TOGGLE NUT
P	POWDER DRIVEN STUD
R	EXPANSION BOLT
S	PIPE SPIKE
T	
U	
V	
X	
W	HEADER-SEE PLAN
Y	
Z	

STATE CERTIFICATION	
CERTIFICATE OF COMPETENCY FIRE PROTECTION SPRINKLER SYSTEMS Matthew Greene 9819-0311-C Level 3 Patriot Fire Protection, Inc. PATRIFF099CF <i>[Signature]</i>	
SPRINKLER LEGEND SPRINKLER ORIFICE SIZES AND TYPE 1/2" 3/8" 7/8" 1" 1 1/2" 2" 2 1/2" 3" 4" 5" 6" 8" 10" 12" 14" 16" 18" 20" 22" 24" 26" 28" 30" 32" 34" 36" 38" 40" 42" 44" 46" 48" 50" 52" 54" 56" 58" 60" 62" 64" 66" 68" 70" 72" 74" 76" 78" 80" 82" 84" 86" 88" 90" 92" 94" 96" 98" 100"	

FITTING LEGEND	
P	PIPE-0-LET
F	PLAIN END FITTING
SN	GROOVED SHAPED NIPPLE
TSN	THREADED SHAPED NIPPLE

APPROVAL REQUIRED	
CITY OF SEATTLE	

SPRINKLER HEADS USED									
SYM	MANUF	MODEL	TYPE	THREAD SIZE	ORIFICE SIZE	HEAD FINISH	ESCUTCH FINISH	TEMP	QTY
○	REULM	FTR 56	OR PENDENT	1/2"	K-5.6	BRONZE	N/A	155°	11
○	REULM	FTR 56	OR UPRIGHT	1/2"	K-5.6	BRONZE	N/A	155°	5
									TOTAL 16

QUALITY CONTROL BY	CLINT CARR	DATE	1/14/13
APPROVED FOR FABRICATION BY		DATE	

- GENERAL NOTES**
- ALL MATERIAL AND EQUIPMENT TO BE NEW AND UL LISTED OR FM APPROVED.
 - PIPING DIMENSIONS ARE CENTER TO CENTER EXCEPT RISERS AND DIMENSIONS SHOWN THUSLY (1-6) WHICH ARE END TO END.
 - EARTHQUAKE BRACING SHALL BE PROVIDED IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, 2010 EDITION.
 - PIPE HANGERS AND METHOD OF HANGING TO BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, 2010 EDITION.
 - PIPING SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, 2010 EDITION.
 - JOINING OF PIPE AND FITTINGS, THREADED OR WELDED, SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, 2010 EDITION.
 - OWNER TO PROVIDE ADEQUATE HEAT IN AREAS PROTECTED BY A WET PIPE SPRINKLER SYSTEM TO PREVENT WATER IN PIPES FROM FREEZING.
 - ALL WIRING OF ELECTRICAL DEVICES (IF REQUIRED) TO BE PROVIDED BY OTHERS.
 - PAINTING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PROVIDED BY OTHERS.
 - PAINTING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PROVIDED BY OTHERS.

- DESIGN CRITERIA**
- DESIGN PER NFPA 13 (2010 EDITION).

- PIPE NOTES**
- ALL THREADED PIPE TO BE SCH. 40 BLK.
 - ALL WELDED PIPE TO BE SCH. 10 BLK.

REVISIONS			
NO	DATE	BY	DESCRIPTION

CONTRACT WITH:
 TCI, INC.
 13500 BEL-RED ROAD SUITE 9
 BELLEVUE, WA 98005

PROJECT NAME:
 OLIVIAN TOWER T.I. *RECEIVED*
 809 OLIVE WAY
 SEATTLE, WA
 JAN 16 2014
 JIM 425-647-3800
 Dept. of Planning & Development

PATRIOT
 FIRE PROTECTION, INC.
 2707 70TH AVENUE EAST
 TACOMA, WA 98424
 TEL: (253) 926-2290
 FAX: (253) 922-6150

DESIGNER	MATT GREENE	SHEET	1 OF 1
DATE	1/14/14		
JOB NO.	12-16370		

FP-1