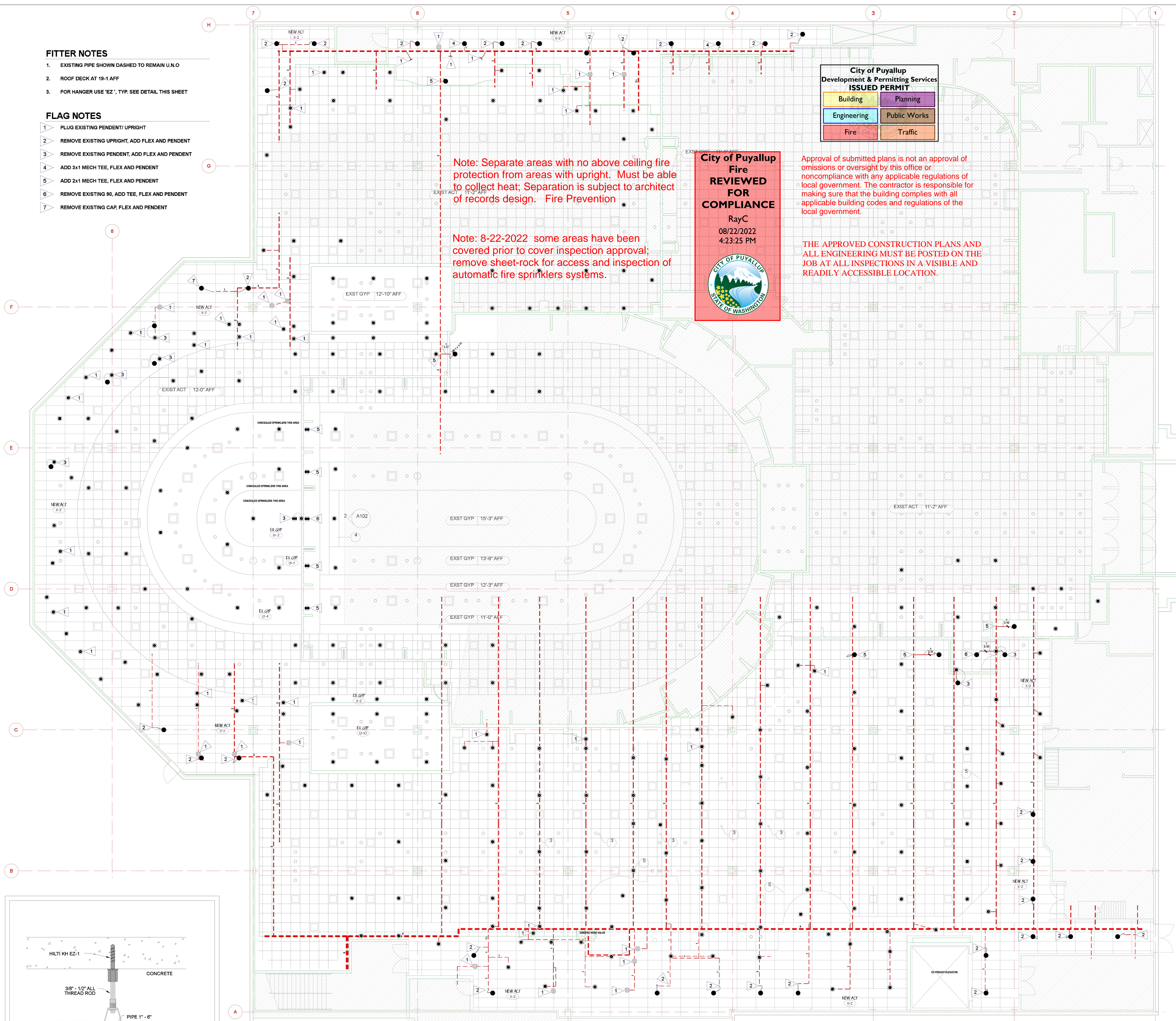


- FITTER NOTES**
- EXISTING PIPE SHOWN DASHED TO REMAIN I.N.O
 - ROOF DECK AT 19'-1 AFF
 - FOR HANGER USE 'EZ', TYP. SEE DETAIL THIS SHEET

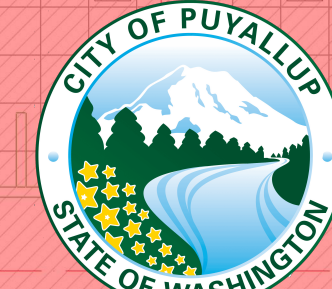
- FLAG NOTES**
- PLUG EXISTING PENDENT UPRIGHT
 - REMOVE EXISTING UPRIGHT, ADD FLEX AND PENDENT
 - REMOVE EXISTING PENDENT, ADD FLEX AND PENDENT
 - ADD 3x1 MECH TEE, FLEX AND PENDENT
 - ADD 2x1 MECH TEE, FLEX AND PENDENT
 - REMOVE EXISTING 90, ADD TEE, FLEX AND PENDENT
 - REMOVE EXISTING CAP, FLEX AND PENDENT



Note: Separate areas with no above ceiling fire protection from areas with upright. Must be able to collect heat; Separation is subject to architect of records design. Fire Prevention

Note: 8-22-2022 some areas have been covered prior to cover inspection approval; remove sheet-rock for access and inspection of automatic fire sprinklers systems.

City of Puyallup
Fire
REVIEWED FOR COMPLIANCE
RayC
08/22/2022
4:23:25 PM



Approval of submitted plans is not an approval of omissions or oversight by this office or noncompliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable building codes and regulations of the local government.

THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

SCOPE OF WORK

NORTHWEST FIRE SYSTEMS (NWFS) TO MODIFY EXISTING WET PIPE AUTOMATIC SPRINKLER SYSTEM TO ACCOMMODATE FOR NEW WALLS AND CEILING
NWFS WILL START WORK AT A THE OVER HEAD SYSTEM.
ALL AREAS PROTECTED BY A WET SYSTEM MUST BE MAINTAINED BY OTHERS AT A MINIMUM 40°F TO PREVENT FREEZING.

EXCLUSIONS

PAINTING OR LABELING OF PIPE AND/OR EQUIPMENT
ELECTRICAL WIRING OF ANY KIND INCLUDING BUT NOT LIMITED TO WATERFLOW SWITCH, ELECTRIC BELL, AND TAMPER SWITCHES
CENTRAL STATION MONITORING EQUIPMENT, WIRING AND SERVICES
ALL UNDERGROUND WORK INCLUDING BUT NOT LIMITED TO: BACKFILL, SELECT FILL, BREAKING PATCHING, SAW CUTTING, LAWN REPAIR, LANDSCAPING, TREE REMOVAL, STERILIZATION, DEVELOPMENT FEES AND CITY CONNECTION.

DESIGN CRITERIA

PER NFPA 13(2016), CITY OF PUYALLAP
EXISTING WET SYSTEM (MERCANTILE)
ORDINARY HAZARD II
DESIGN DENSITY: 0.20GPM / 1500 SF

TENANT IMPROVEMENT (MERCANTILE)
ORDINARY HAZARD II
DESIGN DENSITY: 0.20GPM / 1500 SF
ALTERATIONS TO SYSTEM DO NOT AFFECT HYDRAULIC PERFORMANCE
NO NEW HYDRAULIC CALCULATIONS WERE PERFORMED.



22645 83rd ave. S., Bldg D *Kent, WA 98032
Ph: 206.772.7502 * Fax: 206.772.7504
www.nwfire.com LIC # NORTHFS928CR

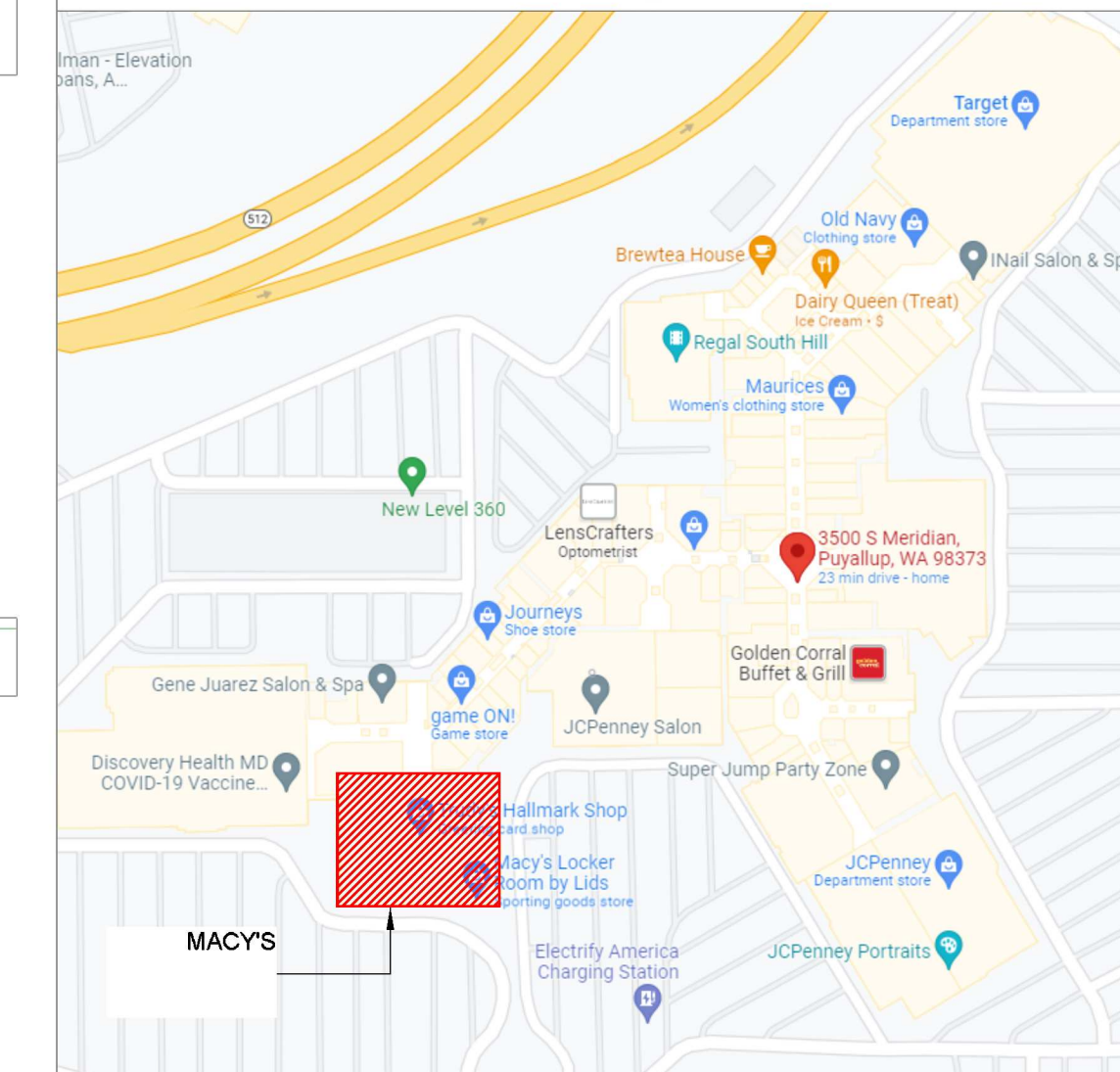
NICET Stamp



Approvals Required
PUYALLUP
OWNER / ARCHITECT

Revisions

VICINITY MAP



Contract With:
PINE RIDGE CONSTRUCTION

1000 COMMERCE PARK DRIVE,
SUITE 518
WILLIAMSPORT, PA 17701
CONSTRUCTION ESTIMATOR:
JESSE LOPEZ
Phone: 214-727-3375

Contract Name:

MACYS SOUTH HILL

3500 SOUTH MERIDIAN
PUYALLAP, WA

Drawing Title

**TENANT IMPROVEMENT
SPRINKLER PLAN**

Key Plan

Date: 08.15.2022

Job Number: 05238C

Designer: BRYAN FARMER

Building Permit:

Drawing No.

FP 1.0

SYMBOLS

SPRINKLER PLAN SYMBOLS

- SWAY BRACING
- PIPE HANGER
- BRANCHLINE RESTRAINT
- FLEXIBLE COUPLING
- RIGID COUPLING
- HYDRAULIC NODE
- LINE PIPE DESIGNATION LABEL
- MAIN PIPE DESIGNATION LABEL
- FLOW SWITCH (FS)
- CHECK VALVE
- BUTTERFLY VALVE
- BALL VALVE
- HOSE VALVE
- GROOVED ELL (LOOKING SIDWAYS)
- GROOVED ELL (LOOKING DOWN)
- GROOVED 45° ELL VERTICAL OFFSET
- GROOVED 45° ELL LATERAL OFFSET
- THREADED PIPE VERTICAL OFFSET
- EXISTING SPRINKLER PIPING
- NEW SPRINKLER PIPING
- CENTERLINE OF PIPE TO BOTTOM OF DECK
- CENTERLINE OF PIPE TO BOTTOM OF BEAM OR JOIST
- CENTERLINE OF PIPE ABOVE FINISHED FLOOR

ABBREVIATIONS

ATR	ALL-THREAD ROD	SN	GROOVED SHAPED NIPPLE
C	CENTERLINE	SS	STAINLESS STEEL
CTS	CLUT TO SLUIT	TYP	TYPICAL
FDC	FIRE DEPT. CONNECTION	UNO	UNLESS NOTED OTHERWISE
GAL	GALVANIZED	RN	RISER NIPPLE
IFOW	INSIDE FACE OF WALL	DR	DROP
MT	MECHANICAL TEE	DN	PIPE DOWN
O.C.	ON CENTER	UP	PIPE UP
PCL	PIPE-O-LET	THR	THREAD
RC	REDUCING COUPLING		

Sprinkler Legend-Existing										Sprinkler Legend-New									
SYM	MAN	SIN	ORIENT	TYPE	K-FACT	THD	TEMP	FIN.	Quantity	SYM	MAN	SIN	ORIENT	TYPE	K-FACT	THD	TEMP	FIN.	Quantity
●	Tyco	TY3251	Pendent	Standard	5.6	1/4	155°F	Chrome	269	●	Tyco	TY3251	Pendent	Standard	5.6	1/4	155°F	Chrome	44
○	Tyco	TY3111	Upright	Standard	5.6	1/4	165°F	Natural Brass	14	●	Reliable	RA3415	Pendent	Standard	5.6	1/4	165°F	Brass	6
┆	Tyco	TY3351	Sidewall	Standard	5.6	1/4	155°F	Chrome	3										70
Total = 286										Total = 50									

LEVEL 2 SPRINKLER PLAN
SCALE 1/8"=1'-0"

