

ANCHORAGE OF FIXED AND/OR MOBILE RETAIL SHELVING UNITS. THESE DRAWINGS CONTAIN ONLY THE PLANS AND DETAILS PERTAINING TO THE PROPER ANCHORAGE OF THE BACK-OF-HOUSE FIXED AND/OR MOBILE SHELVING RACK SYSTEMS. SEE PLANS FOR FULL EXTENT OF WORK. THESE SHELVING UNITS SHALL NOT BE EXPOSED TO THE GENERAL PUBLIC.

BUILDING CODES: 2018 IBC, ASCE 7-16 & RMI- ANSI MH 16.1-2012.

THE VALUE OF THE CONSTRUCTION WORK REQUIRED TO INSTALL THE STORAGE SHELVING NOTED WITHIN THESE PLANS AND CALCULATIONS IS ESTIMATED TO BE APPROXIMATELY: \$12,000.00

SCOPE & VALUATION OF WORK

PROJECT ADDRESS
BATH & BODY WORKS #737 - REMOTE STORAGE
SOUTH HILL MALL
3500 S. MERIDIAN STREET - SPACE #142
PUYALLUP, WASHINGTON 98373

ENGINEER
ECLIPSE ENGINEERING, PC
365 NE QUIMBY AVE.
BEND, OR 97701
TEL: 541-389-9659
CONTACT: NICHOLAS BURNAM, PE
EMAIL: nburnam@eclipseeng.com

MOBILE FIXED SHELVING SUPPLIER
PIPP MOBILE STORAGE SYSTEMS, INC.
2966 WILSON DRIVE NW
WALKER, MI 49544
TEL: 600-234-7477
FAX: 616-791-6703
CONTACT: LISA RAUB
EMAIL: lraub@ppmobile.com

BUILDING DESIGN DATA:
A. CBC OCCUPANCY TYPE(S) - II
B. TYPE OF CONSTRUCTION - II-B
C. FIRE SPRINKLER - YES
D. LEVEL 1 OF 1

BUILDING DATA

SHEET NO.	DESCRIPTION
1	TITLE SHEET
1	PARTIAL PLANS AND DETAIL SHEET

DRAWING INDEX

PROJECT CONTACTS

City of Puyallup
Development
Engineering
APPROVED

See permit for additional requirements.
Linda Lian
02/16/2023
9:04:30 AM



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.

BATH & BODY WORKS #737 - REMOTE STORAGE

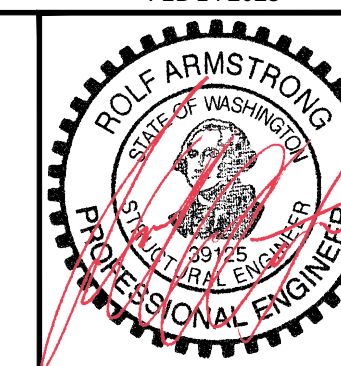
SOUTH HILL MALL

3500 S. MERIDIAN STREET - SPACE #142

PUYALLUP, WASHINGTON 98373

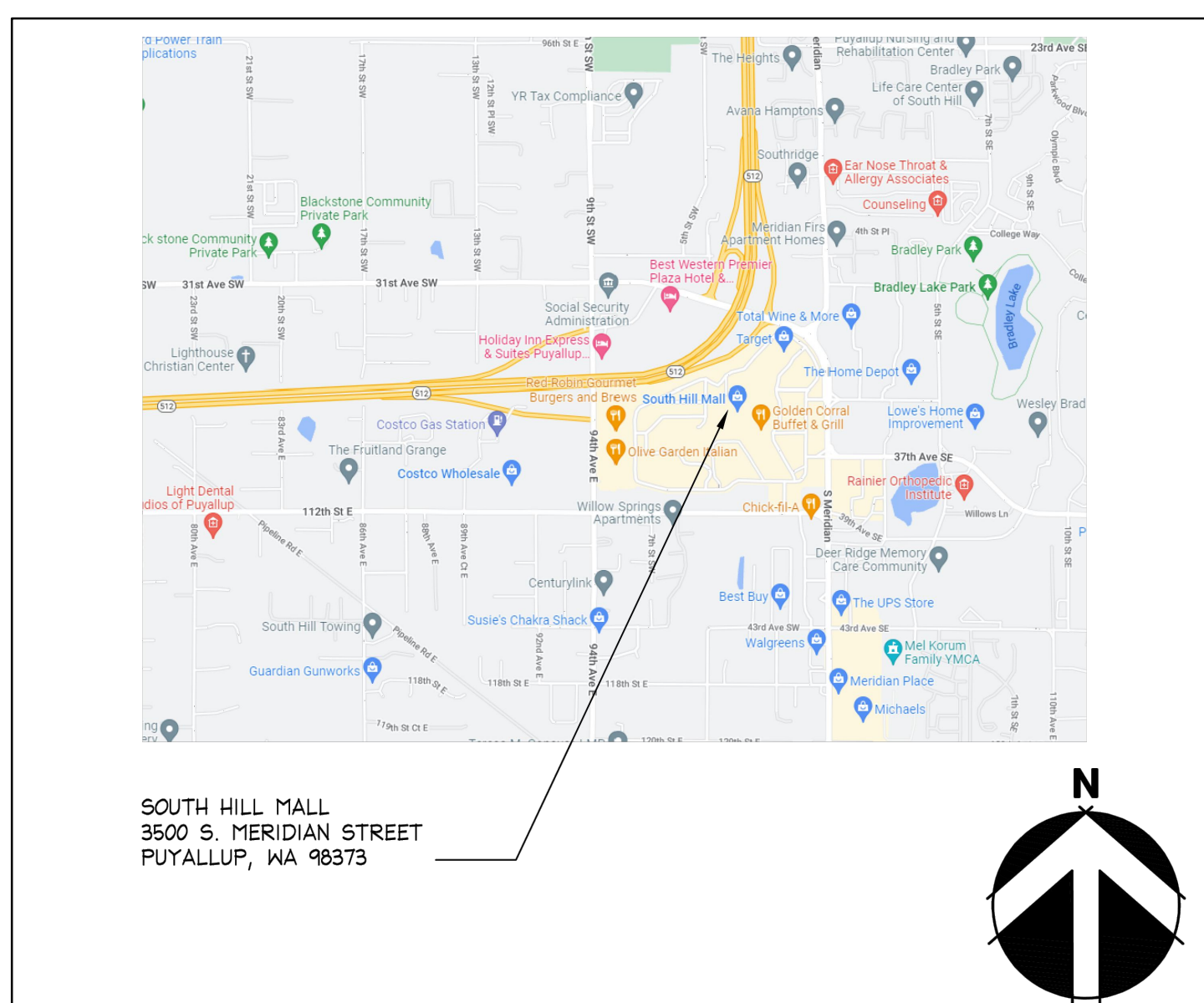
City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic



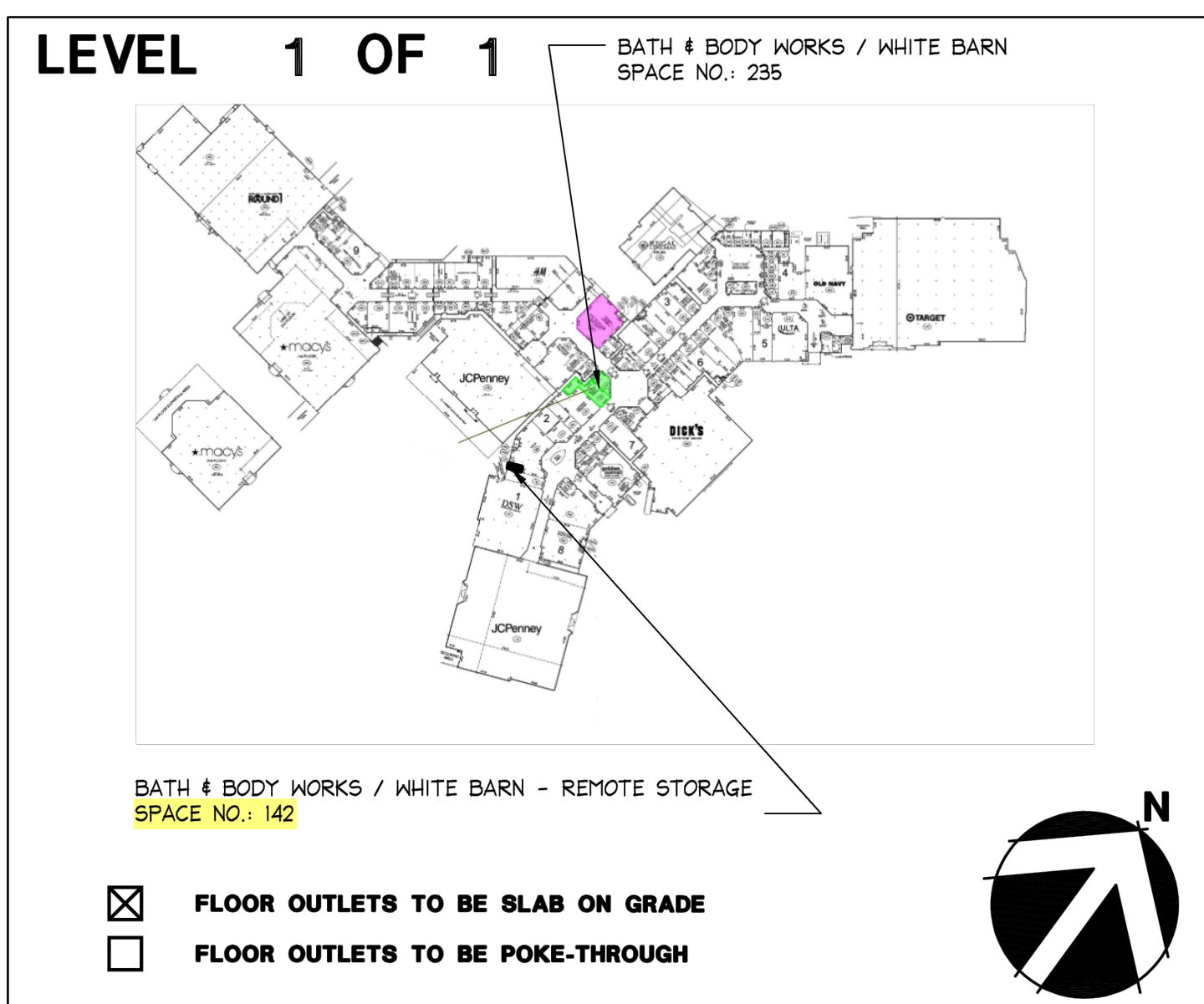
ECLIPSE ENGINEERING

365 NE QUIMBY AVE. BEND, OR 97701
ECLIPSE-ENGINEERING.COM
(541) 389-9659



SITE LOCATION

N.T.S.

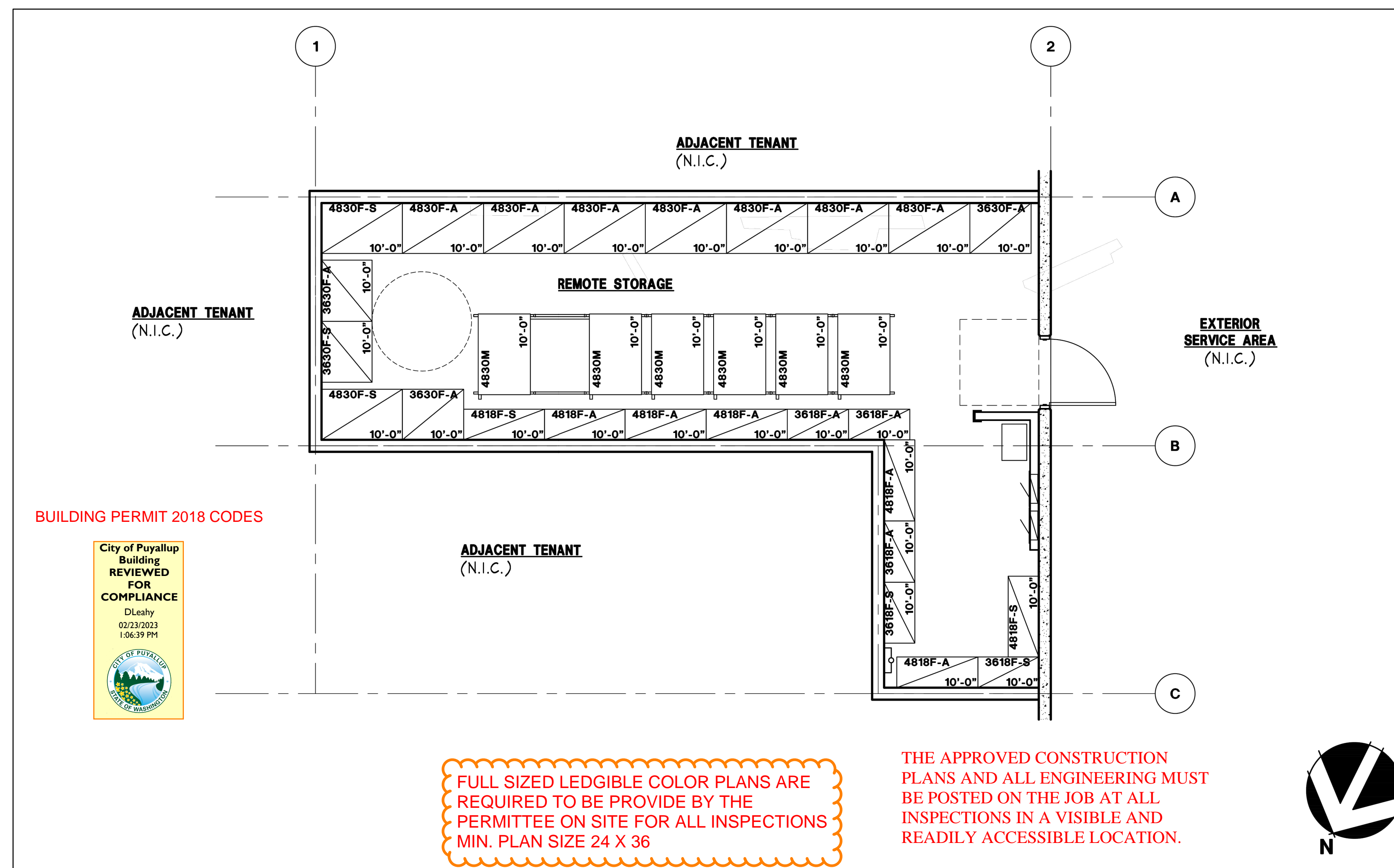


KEY PLAN

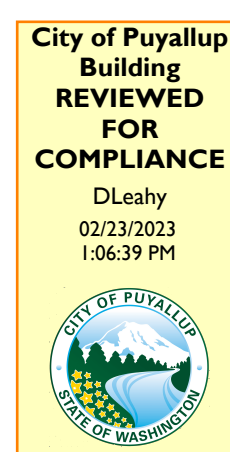
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TI PERMIT NUMBER: 20221802

THIS PERMIT ONLY FOR THIS SPACE #142 NOT RELATED TO OTHER RELATED PERMIT.



BUILDING PERMIT 2018 CODES



FULL SIZED LEDGIBLE COLOR PLANS ARE REQUIRED TO BE PROVIDED BY THE PERMITTEE ON SITE FOR ALL INSPECTIONS MIN. PLAN SIZE 24 X 36

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

SO # 140336

PO # 67120

BATH & BODY WORKS #737 - REMOTE STORAGE

SOUTH HILL MALL
3500 S. MERIDIAN STREET - SPACE #142
PUYALLUP, WASHINGTON 98373

PIPP FIXED/MOBILE STEEL STORAGE SHELVING TITLE SHEET

REVISED	REVISED
REVISED	REVISED

ECLIPSE ENGINEERING CONTACT INFO:
NICK BURNAM, PE
BEND, OREGON
(541) 389-9659

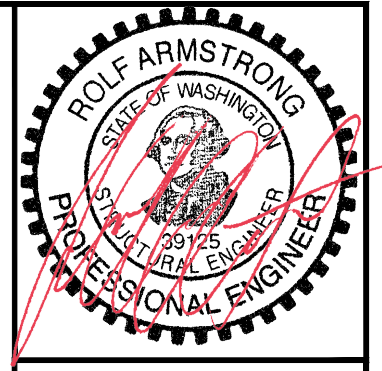
23-01-301
1/31/2023

SHEET

T

STORAGE ROOM ACCESSES

N.T.S.



ECLIPSE
ENGINEERING

365 NE QUINCY AVE. BEND, OR 97701
ECLIPSE-ENGINEERING.COM
(541) 389-9659

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building Planning
Engineering Public Works
Fire Traffic

SO # 140336

PO # 67120

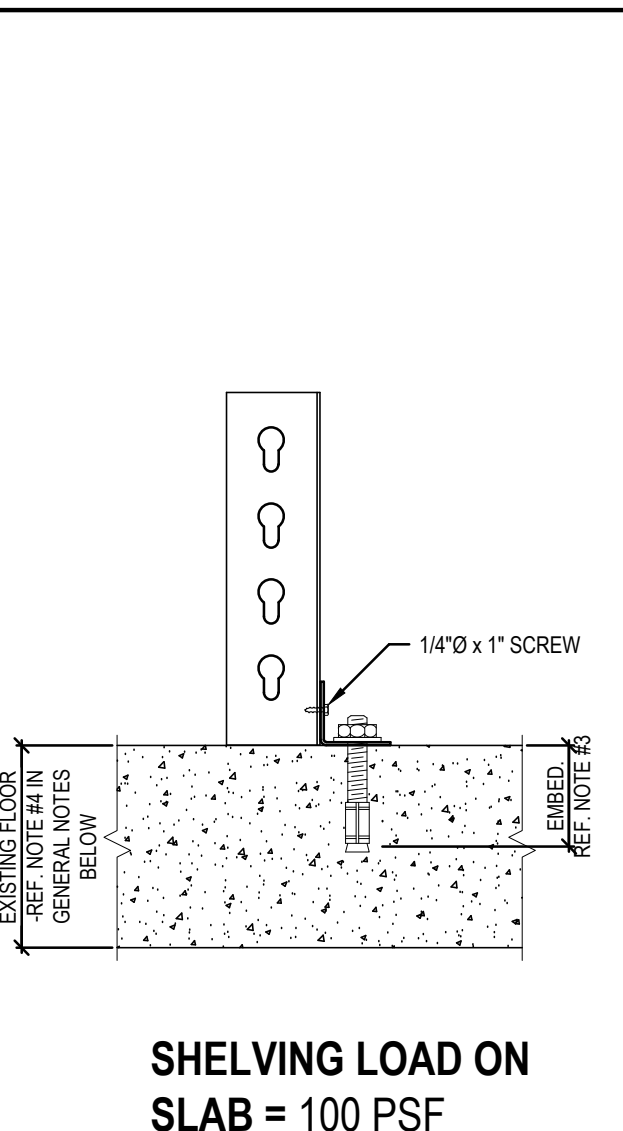
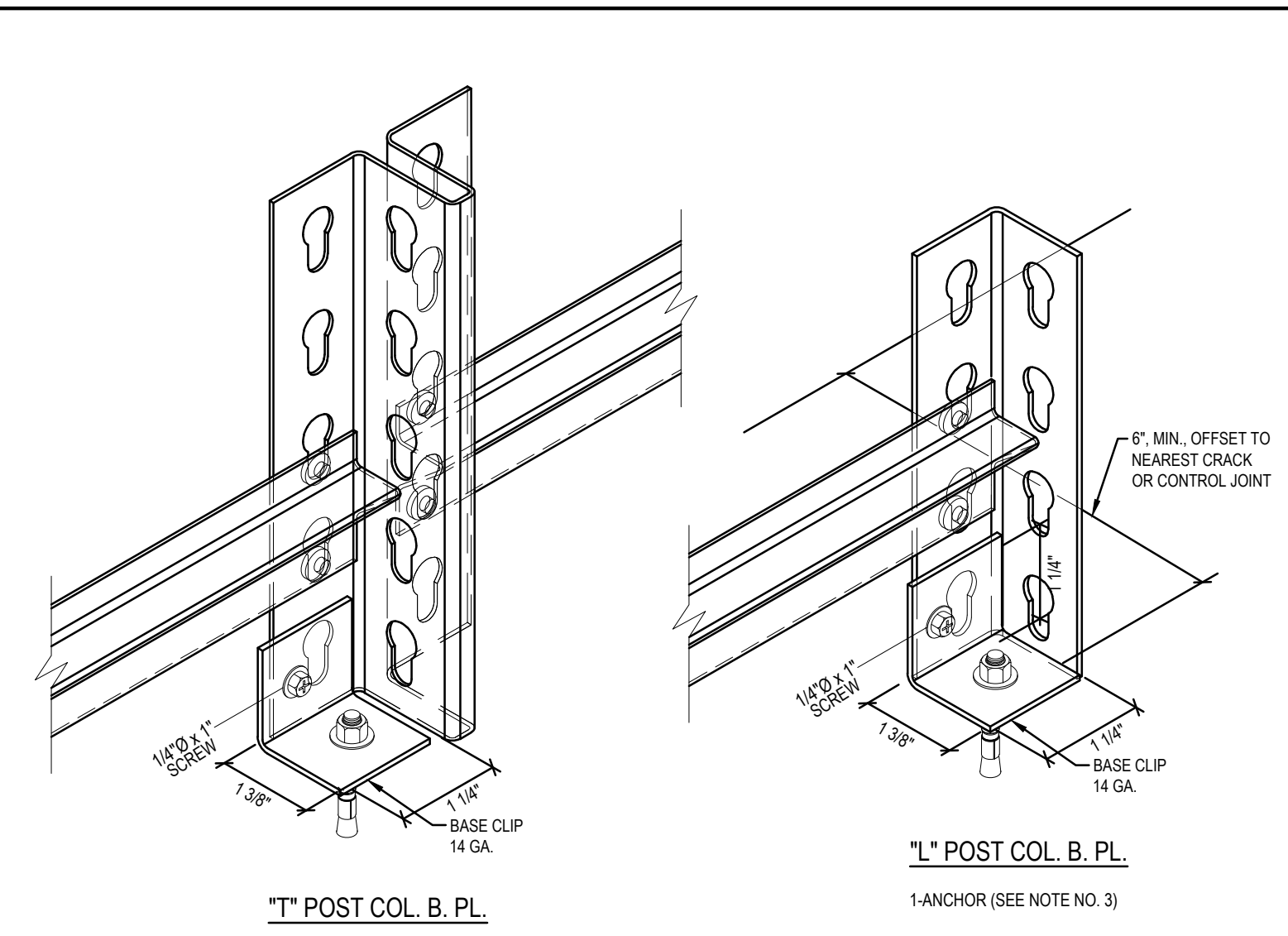
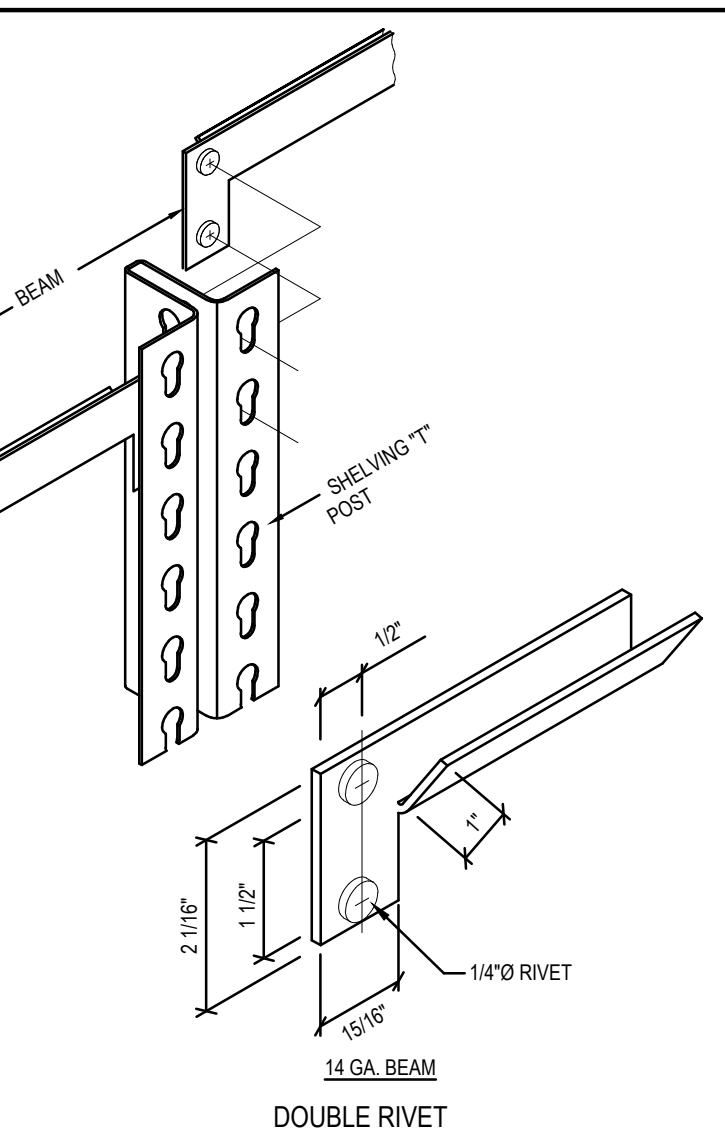
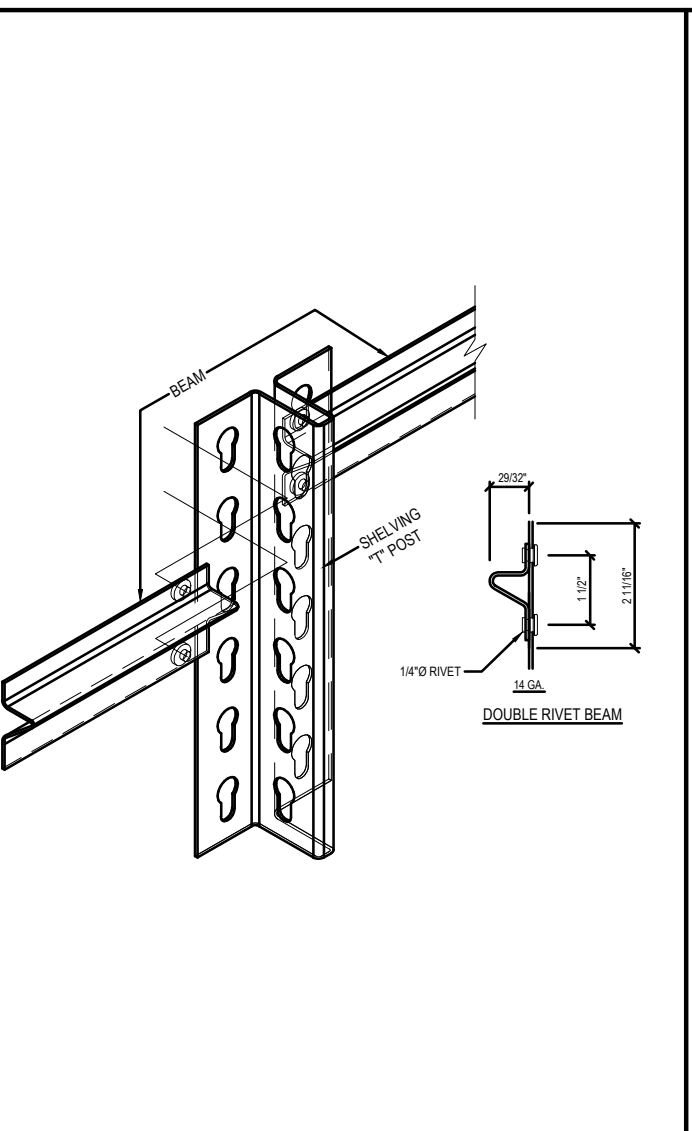
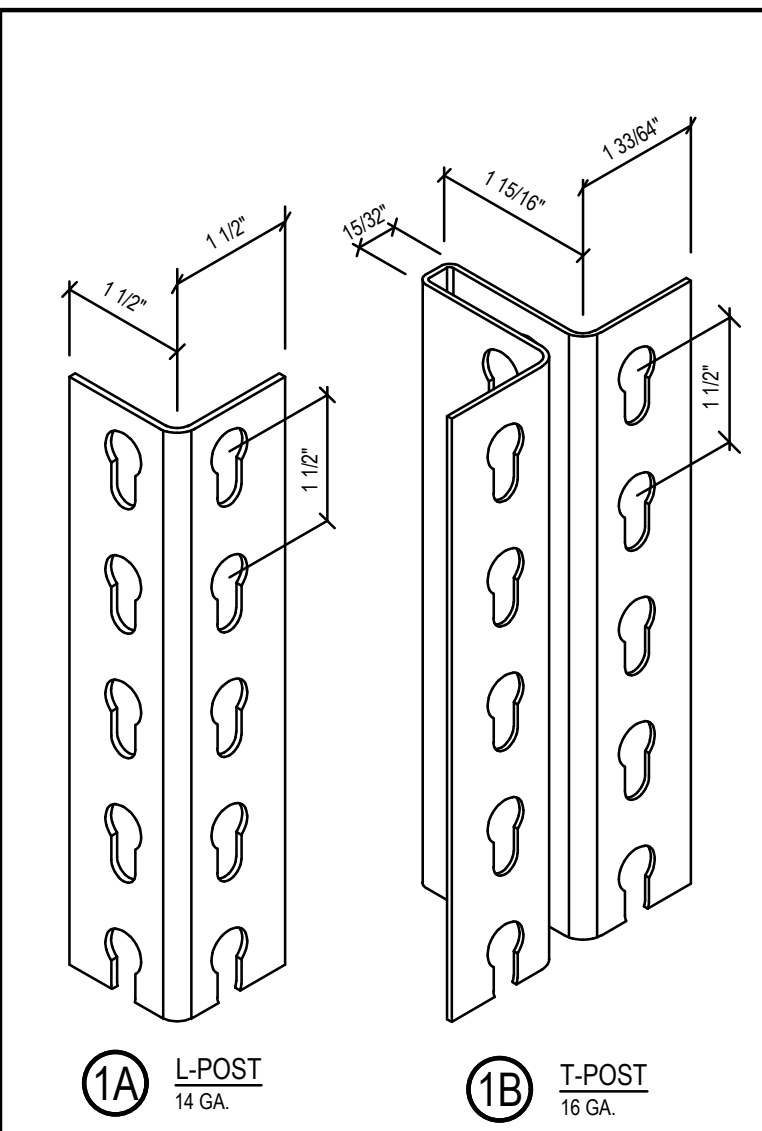
BATH & BODY WORKS #737 - REMOTE STORAGE
SOUTH HILL MALL
3500 S. MERIDIAN STREET - SPACE #142
PUYALLUP, WASHINGTON 98373

PIPP FIXED/MOBILE RIVET STYLE STEEL STORAGE SHELVING DETAILS	REVISION	REVISION

ECLIPSE ENGINEERING
CONTACT INFO:
NICK BURMAN, PE
BEND, OREGON
(541) 389-9659

23-01-301
1/31/2023

SHEET
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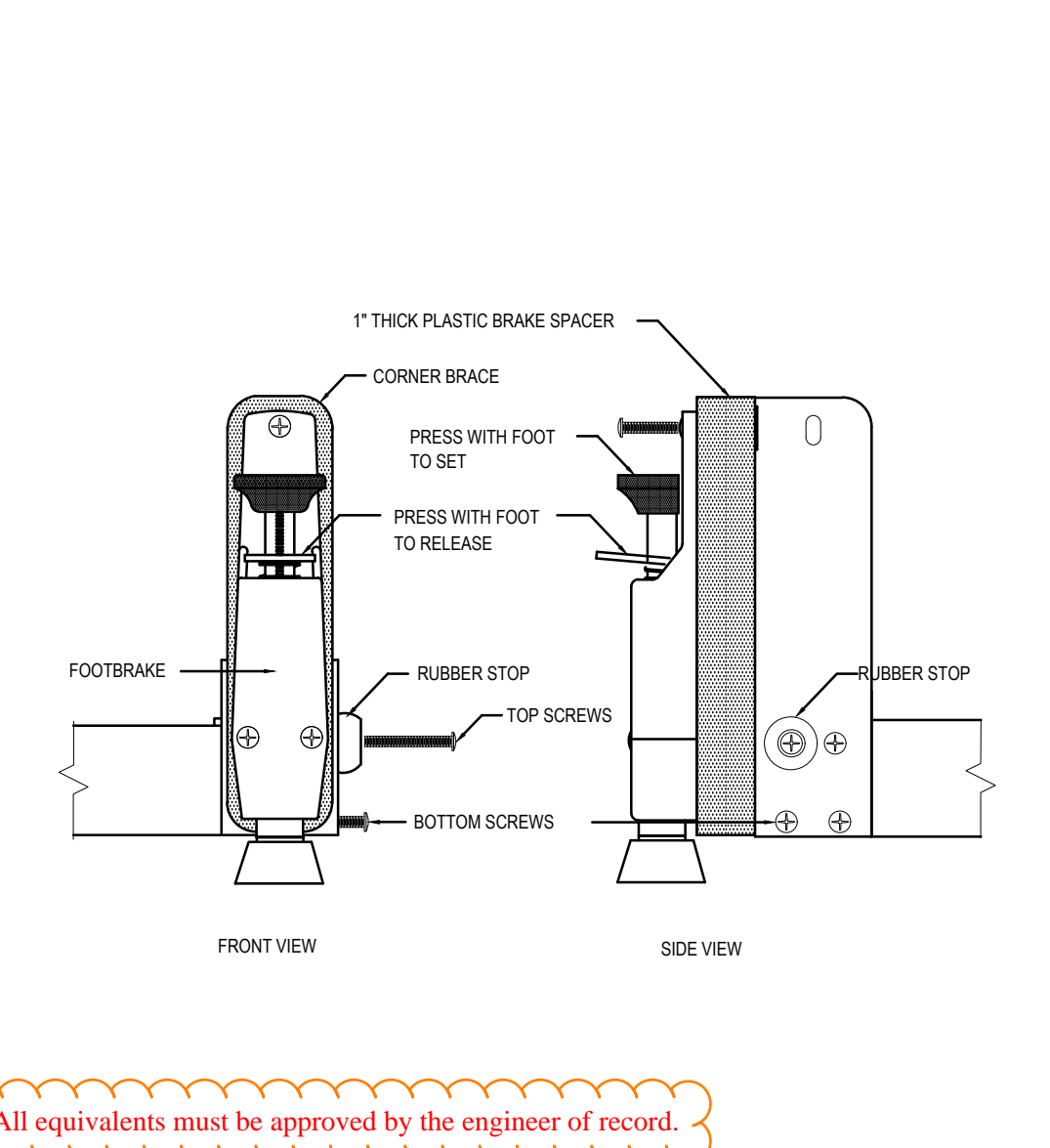
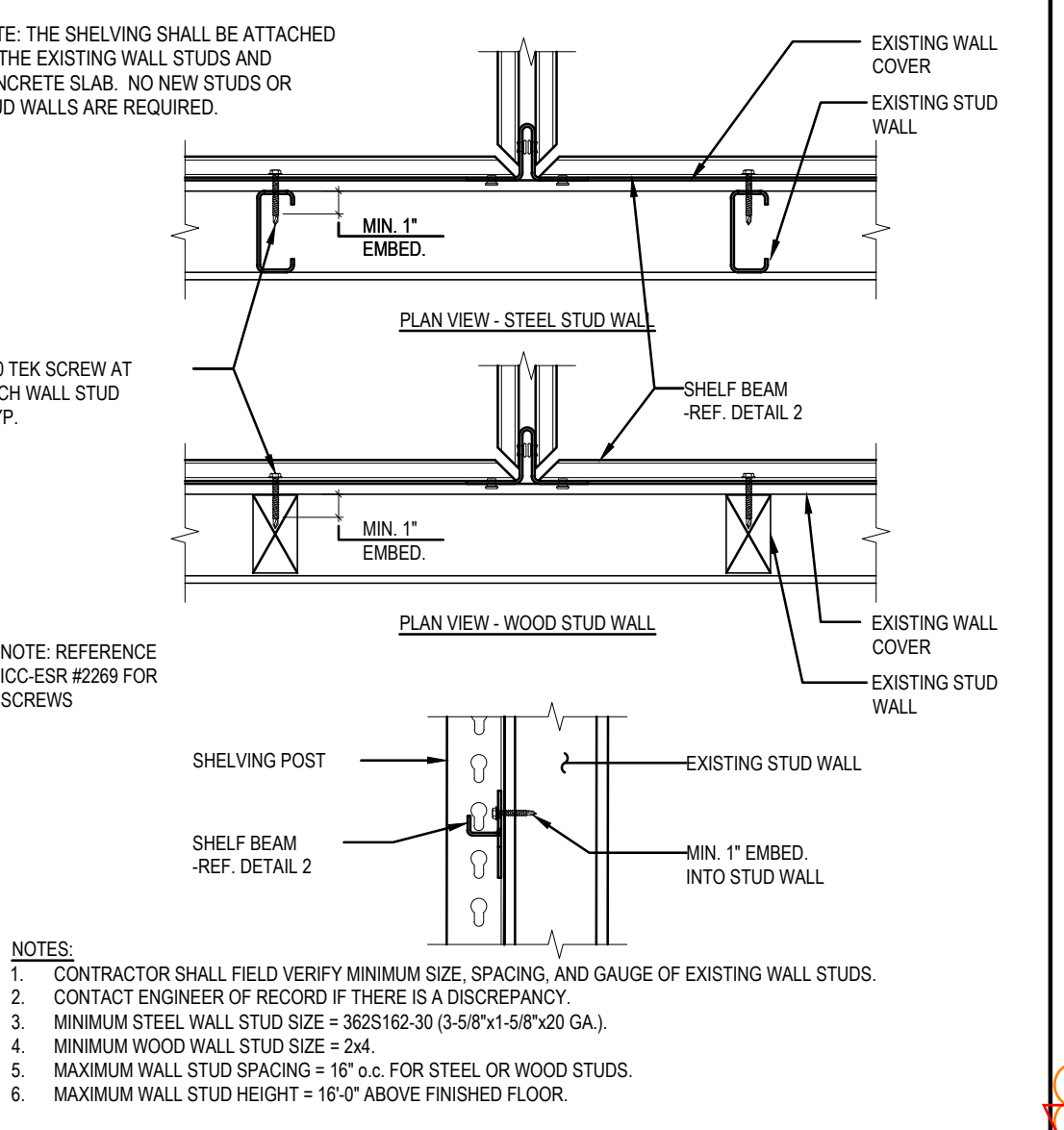
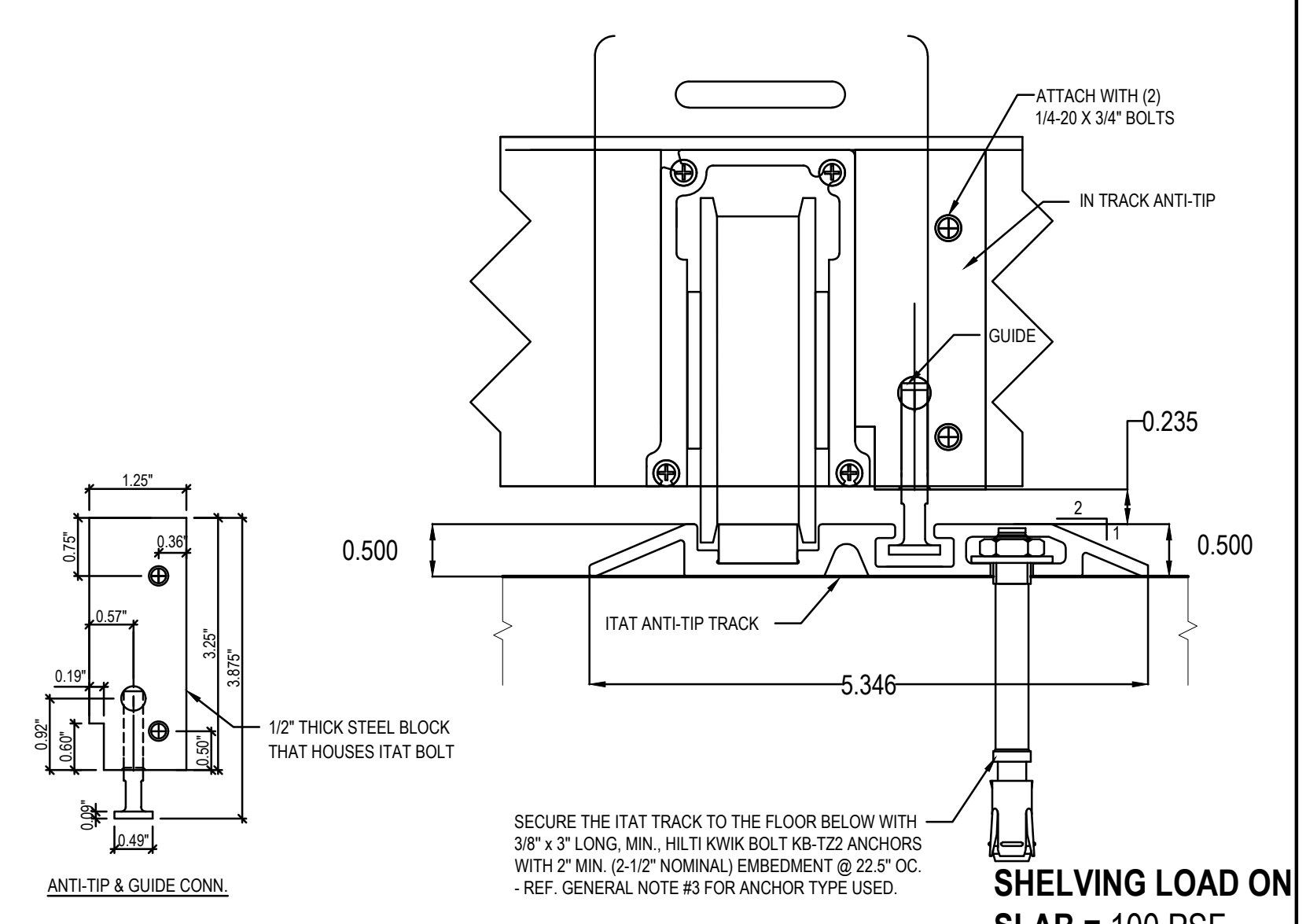
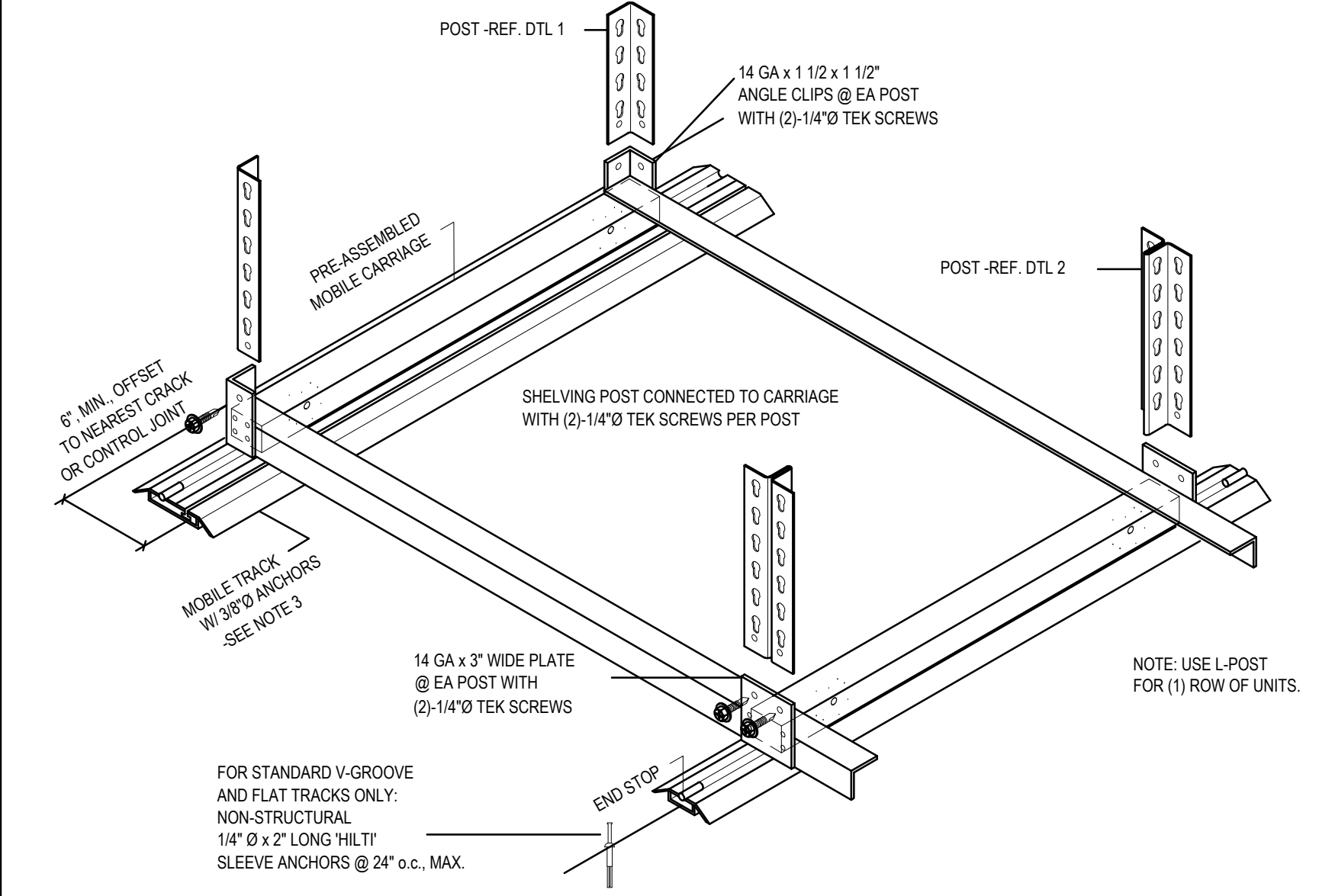
"L" & "T" POSTS

"DRZ" BEAM

"DRL" BEAM

BASE PLATE (FIXED UNITS)

SHELVING LOAD ON
SLAB = 100 PSF



ITAT - HEAVY CARRIAGE AND TRACK ASSEMBLY

WALL CONNECTION

ANTI-DRIFT MECHANISM

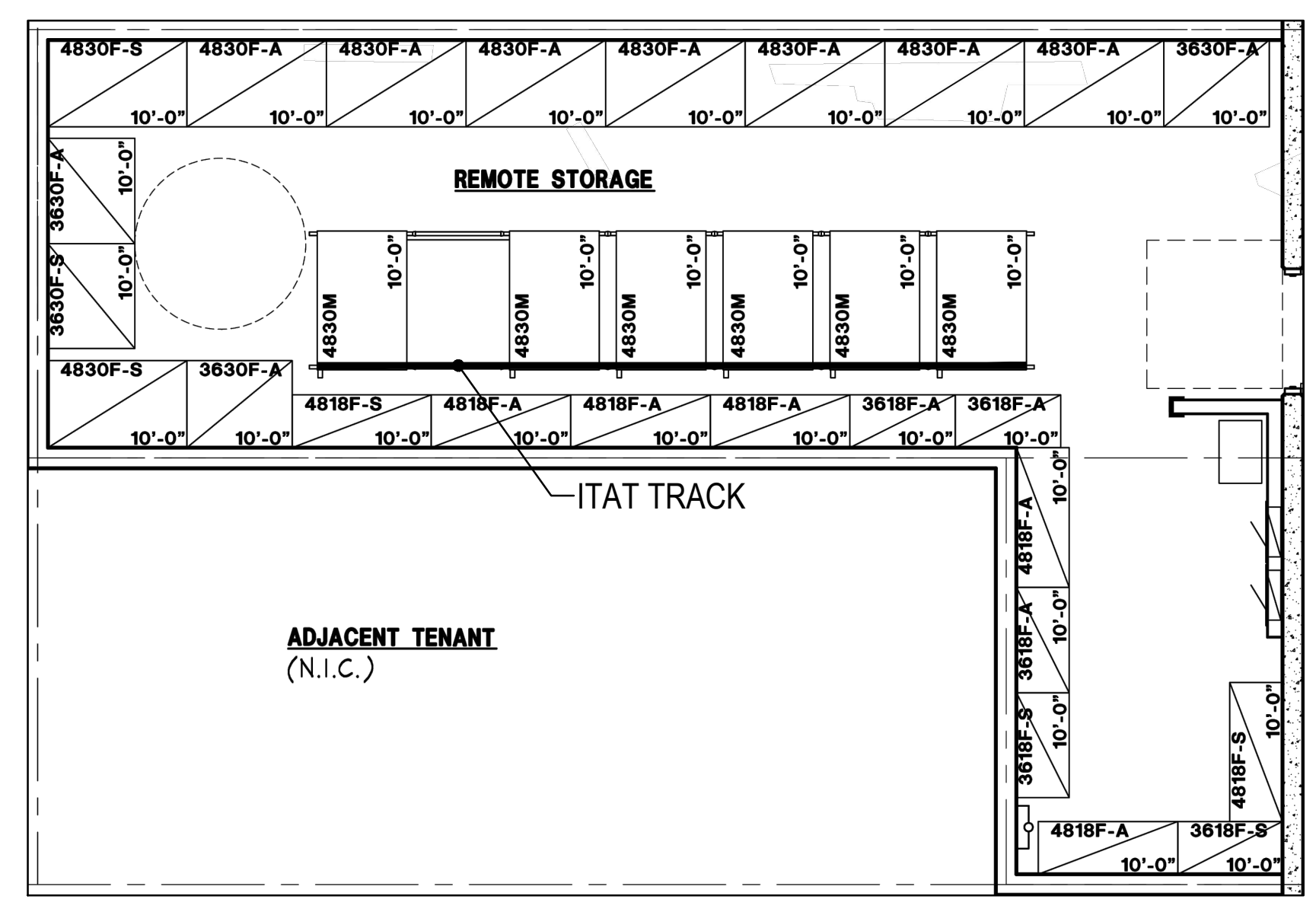
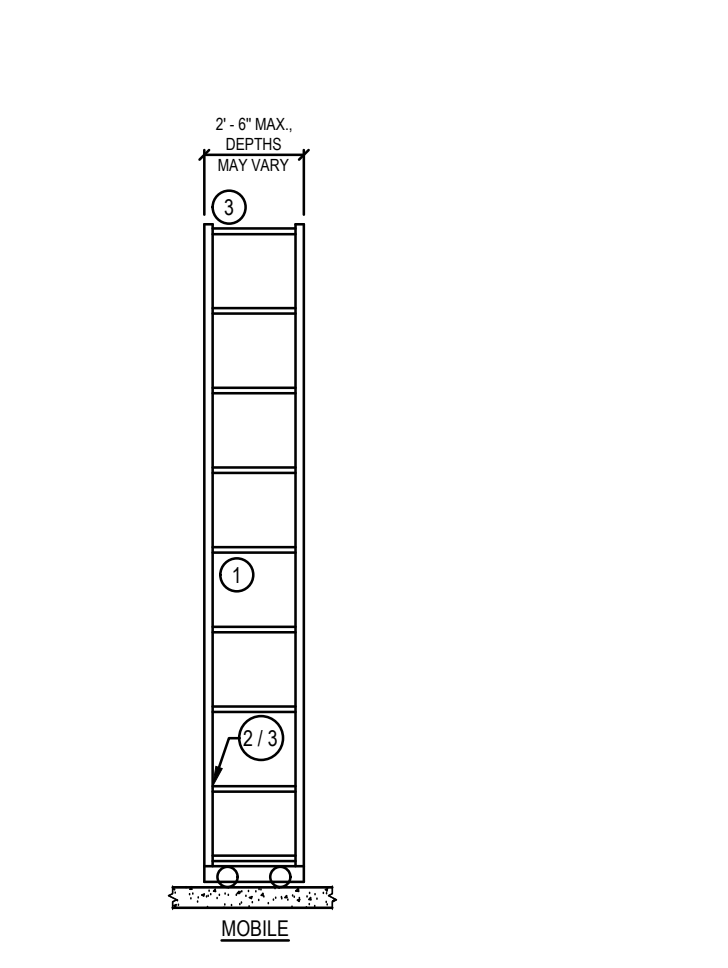
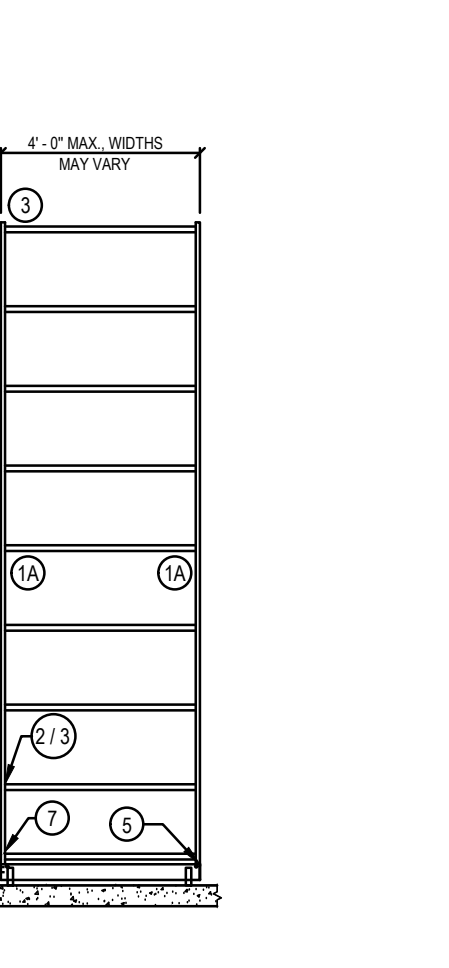
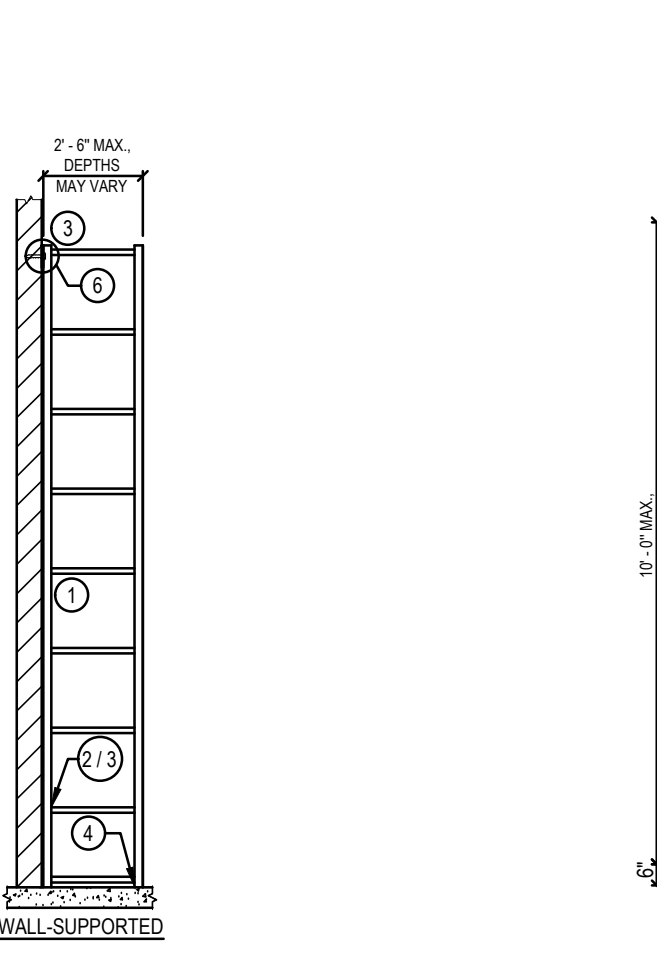
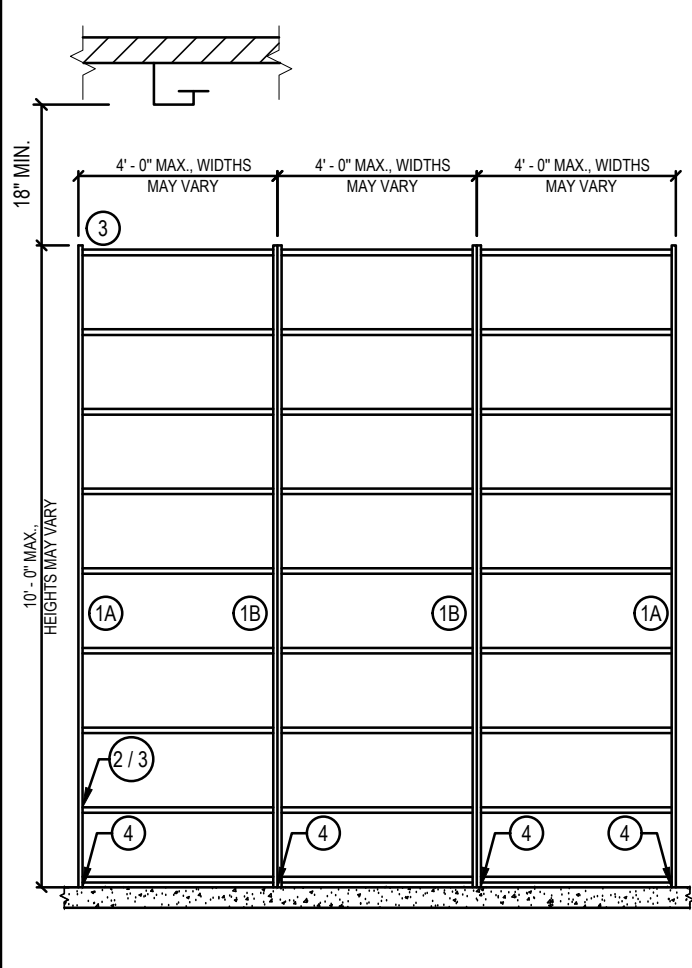
SHELVING LOAD ON
SLAB = 100 PSF

SHELVING UNITS SHALL BE MANUFACTURED BY EITHER:
• WESTERN PACIFIC 300 EAST ARROW HIGHWAY, SAN DIMAS, CALIFORNIA 91773.
800-732-9777 LA-APPROVED FABRICATORS LICENSE = "FB01173"
• TENNSCO CORPORATION, 1101 WEST FIRST STREET, DICKSON, TN 37055. 614-446-8000
LA-APPROVED FABRICATORS LICENSES = "FB02894", "FB02894-1", & "FB02894-2".

NOTE:
FIXED/MOBILE RENTAL SHELVES SHALL BE RESTOCKED BY HAND. DO NOT
USE A FORKLIFT OR OTHER MECHANIZED LOADER TO STOCK SHELVES.

INSTALLATION CONSISTS OF THE FOLLOWING SHELVING QUANTITIES:
• TOTAL LENGTH = 115 LINEAR FEET OF SHELVING
• TOTAL AREA = 245 SQUARE FEET OF SHELVING

SHELVING UNIT CONFIGURATIONS MAY VARY FROM ELEVATIONS SHOWN BELOW. REFERENCE THE SHELVING UNIT
CUT SHEETS IN THE CALCULATION PACKET FOR THE SHELVING UNIT CONFIGURATIONS COVERED BY THIS SUBMITTAL.



GENERAL NOTES:
1. DESIGN OF STEEL STORAGE SHELVING AS SHOWN BY THESE DRAWINGS AND CALCULATIONS ARE IN COMPLIANCE WITH THE REQUIREMENTS OF THE IRC, ASSESS 18 IN MIN AND 18 IN 2022.
2. STEEL WALL STUDS SHALL BE 16 GA (EXCEPT AS NOTED).
3. ALL SHELVING AND 3/8\"/>

EARTHQUAKE DESIGN DATA:
a) Seismic Proficiency Factor: E = 1
b) Max. Seismic Force: Not Governed by Public
c) Max. Seismic Response Acceleration: Sa = 1.54
d) 10% Short-Term Seismic Response Coefficient: R = 1.5
e) Seismic Design Category: I-D
f) Overlap Seismic Resistance Factor: phi = 1.0
g) Non-Building Structure: Steel Shelving
h) Seismic Response Coefficient: 0.14-0.22
i) Response Modification Factor: R = 1.5
j) Seismic Proficiency Factor: E = 1.5
k) Average Period: per ASCE 7-16, Section 15.5.1

INSPECTION MUST BE DONE BY A WABO CERTIFIED INSPECTOR, AS WELL AS VERIFIED BY CITY INSPECTOR.

STATEMENT OF SPECIAL INSPECTION				
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	STANDARD KWIK BOLT T22	INSPECTED BY
CONFIRM ANCHOR TYPE	X		HILTI KB-T22, 3/8\"/>	SPECIAL INSPECTOR
CONFIRM CONCRETE COMPRESSIVE STRENGTH	X		MINIMUM 2500 PSI	SPECIAL INSPECTOR
CONFIRM CONCRETE THICKNESS	X		MINIMUM 4\"/>	SPECIAL INSPECTOR
HOLE DIAMETER x LENGTH	X		7/16\"/>	SPECIAL INSPECTOR
CLEAN OUT OF HOLE	X		RUBBER STOP OUT, PER ICC-ES ESR-4266 SECTION 4.3.3.4.4	SPECIAL INSPECTOR
MINIMUM ANCHOR SPACING	X		5\"/>	SPECIAL INSPECTOR
MINIMUM EDGE DISTANCE	X		2 1/2\"/>	SPECIAL INSPECTOR
NOMINAL ANCHOR EMBEDMENT	X		2 1/2\"/>	SPECIAL INSPECTOR
TIGHTENING TORQUE	X		30 FT-LEBS - PER ICC-ES ESR-4266 SECTION 4.3.4.4, TABLE 9	SPECIAL INSPECTOR

NOTE: INSPECTION TO BE COMPLETED BY A 3rd PARTY INSPECTOR.

GENERAL NOTES