

**ADDENDUM #1
TO THE
SPECIFICATIONS AND CONTRACT DOCUMENTS
FOR**

**Camas Library Building Improvements
City Project No. FAC23007**

October 14, 2024

IMPORTANT: *This page of the addendum must be signed and submitted with the proposal.*

TO ALL PLANHOLDERS:

The following changes, additions, deletions and/or clarifications are made a part of the contract documents and bid specifications for the construction of the *Library Building Improvements*, City of Camas Project No. FAC23007 as fully and completely as if the same were set forth therein:

CONTRACT DOCUMENTS – Part One – Bid Proposal

Make the following changes:

Replace the Proposal with the attached addendum #1 Bid Proposal form which has been modified to include added bid item #3 to Schedule A for Lead Abatement.

APPENDIX III – Plan Set – Sheets A221, A303

Make the following changes:

Replace sheets A221 and A303 in their entirety with the attached addendum #1 sheets A221 and A303.

APPENDIX III – Plan Set – Sheets L601, L602, L603, L604

Make the following changes:

As-builts for Appendix III Plan Set, Sheets L601, L602, L603, L604 are unclear. This Addendum does not replace but provides clean and clear copies for the information included on addendum #1 sheets L601, L602, L603, L604.

APPENDIX IV – Lead Survey

Make the following changes:

Add Lead Survey as addendum #1 Appendix IV.

APPENDIX V – Asbestos Survey

Make the following changes:

Add Asbestos Survey as addendum #1 Appendix V.

FILE TRANSFER LINK – Provide searchable bid document.

Make the following changes:

Add a file transfer link to provide searchable documents.

http://local.cityofcamas.us/filetransfer/Library_Building_Improvements.zip

CLARIFICATIONS – See the following clarifications in response to bidder questions:

In response to questions raised by potential Bidders:

Question: What is the projected start date for this project?

Answer: We are hoping to start the second week of January but will work with the selected GC to find a time that is realistic for them and their subs availability.

Question: Will lighting substitutions be considered for review?

Answer: Where only one product is listed it will be treated as a basis of design: Spec Section 016000 - Basis of Design: Supply named product.

1. Where specification sections state that comparable or equivalent products may be submitted for consideration, provide Product Data documenting equivalency to named product and compliance with specified requirements.

Question: Where are electrical panels “1N” and “1G” located?

Answer: On E401, existing panels 1N and 1G are located on the first floor behind the Lobby's circulation desk.

Question: Can we get a project manual and plan set that are not scanned/searchable?

Answer: This will be provided on 10/14 through BXWA.

Question: Have you identified each window that needs to be replaced?

Answer: Refer to window schedule. Some windows have been replaced already and may be able to be reused, however for the purpose of bid, anticipate all windows identified will require replacement.

Question: Will this project require historic review?

Answer: No.

Question: Does the integrated light on the 4th Ave monument sign required to be functional?

Answer: If we are doing the work, and it looks to be straightforward, there is interest in having it functional. However, we are also providing uplighting at the sign.

Question: Is there a lead and asbestos survey?

Answer: The lead and asbestos survey will be provided in the 10/14 bid addendum.

Addendum #1

Camas Library Building Improvements – Camas Project No. FAC23007

October 14, 2024

Question: When was the stucco done?
Answer: During the 2002/03 construction.

Question: Does painting in the non-fiction include the stacks?
Answer: No, the stacks do not need to be painted. Painting for baseboards should be included in base bid. Alternate painting in this area is for walls and ceilings only.

Question: What is the structure under the non-fiction flooring (in case of water damage)?
Answer: Based on record drawings, looks to be a concrete slab poured over sheathing on top of wood joists. Additional open web joists were added in 2003 for structural support of the non-fiction book stacks.

Question: Where can we find the sign-in sheet from the first pre-bid meeting?
Answer: This will be made available in the bid addendum on 10/14. (Attached)

Question: Is there an engineer's estimate on this project?
Answer: While not performed by an engineer, the City of Camas had a cost estimate prepared after the following documentation phases: schematic design, design development, and construction documentation. These estimates were based off the 100% construction documents and specifications - both of which are provided to interested bidding parties via BXWA.

Question: Are there any modifications to the Gallery/Meeting Rooms?
Answer: Refer to ALT-E and ALT-F for scope of work in the Gallery. Meeting rooms to receive new carpet, baseboard, and paint. Window scope provided on A800.

Question: What is the plan with the sidewalks?
Answer: The accessible walkways from the ADA parking to the north and front entries will need cross slopes to be evaluated and brought to compliance. ROW sidewalks have a number of street trees that have overgrown roots. These will need to be replaced along with associated resurfacing of impacted sidewalk. Refer to L001 for scope.

Question: Who is responsible for moving the library stacks?
Answer: While the Library will move the books and small, moveable furniture, it is requested that the contractor move stacks and large furniture until work is completed. They are then requesting that the contractor relocate stacks in the same place.

Question: What is the floor in the Children's Library?
Answer: Record drawings indicate a slab on grade condition. Exact thickness and make up of concrete are unknown.

Question: Do you have load limits on the concrete slab?
Answer: Not at this time. This can be procured if required.

Question: Are you demo'ing the arches in the Discovery Hallway?
Answer: Yes, refer to A210 and A11 for demolition scope in this hallway.

Question: Are you reusing the fire extinguisher cabinet in the Discovery Hallway?
Answer: We will need to provide a new, semi-recessed FEC per specifications.

Question: How do you prefer books be displaced?
Answer: Based on the construction phasing plan, we will work with the Connie to determine best approach.

Question: Do you already have an access control sub in place?
Answer: The library has a sub-contractor they have used for IT in the past. Johnston Architects has an IT consultant that can provide support in CA.

Question: Do you have a staging area, and where is it?
Answer: The staging area will be in the non-ADA parking stalls on NE Franklin Street.

Question: There is no line item for permitting. How would you like us to include the cost of permitting in the quote?
Answer: The only permit the City has obtained is the Building Permit. All other permits that are required for the scope of work to be obtained by the contractor. Permitting fees to be added to the interior and exterior work base bid accordingly.

Question: What is the most likely exit we'd be using during construction?
Answer: You will have access to the Courtyard exit throughout the duration of construction. However, there are exits closer to each room requiring work that may be easier for demolition. We will work with you to determine what is most convenient and accessible.

Question: Is the skylight currently leaking?
Answer: No. Skylight maintenance is a preventive measure to ensure no leaking happens in the future.

Question: What is the timeline and when will it be finished?
Answer: Refer to page 53 of the bid specification and contract documents: This project shall be physically completed by April 30, 2025.

Question: Do you have funding for the project?
Answer: Yes, funding has been procured.

Receipt of this addendum is hereby acknowledged:

Authorized Signature

PROPOSAL

To the Office of the City Clerk
Camas, Washington

The undersigned hereby certifies that he has examined the location of

**Camas Library Building Improvements
Project No. FAC23007**

and that the Plans, Specifications and contract governing the work embraced in this improvement, and the method by which payment will be made for said work is understood. The undersigned hereby proposes to undertake and complete the work embraced in this improvement, or as much thereof as can be completed with the money available in accordance with the said Plans, Specifications and contract, and the following schedule of rates and prices:

(Note: Unit prices for all items, all extensions, and total amount of bid should be shown. All entries must be typed or entered in ink.)

Schedule A BASE BID: Perform all work identified within contract documents.					
ITEM	QTY	DESCRIPTION	UNIT	UNIT PRICE	TOTAL
1	1	Interior Work	LS	\$	\$
2	1	Exterior Work	LS	\$	\$
3	1	Lead Abatement	LS	\$	\$
SUBTOTAL					\$
SALES TAX (8.5%)					\$
BASE BID TOTAL					\$

Schedule B ADDITIVE ALTERNATES: Include interior finishes, lighting fixtures, restroom accessories, and updates to the NE 5 th Ave Monument sign.					
ITEM	QTY	DESCRIPTION	UNIT	UNIT PRICE	TOTAL
1	1	Non-Fiction Rooms 121, 122, 123 (Patch, repair, and paint walls and ceilings)	LS	\$	\$
2	1	Totem Pole Room 107 & Fireplace Room 108 (Carpet and wall base)	LS	\$	\$
3	1	Totem Pole Room 107 & Fireplace Room 108 (Patch, repair, and paint walls and ceilings)	LS	\$	\$
4	1	NE 5 th Avenue Monument Sign (Refurbish existing lighting, uplighting, and lettering and backing)	LS	\$	\$
5	1	Gallery 215 (Carpet and wall base)	LS	\$	\$
6	1	Gallery 215 (Patch, repair, and paint walls and ceiling)	LS	\$	\$
SUBTOTAL					\$
SALES TAX (8.5%)					\$
ADDITIVE ALTERNATE TOTAL					\$

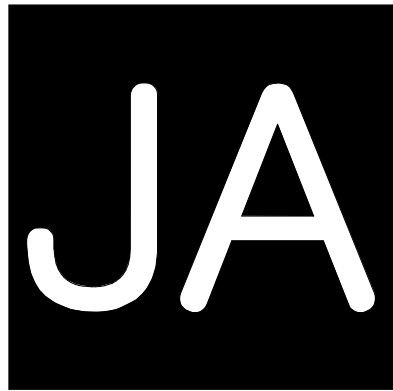
BASIS OF AWARD (Schedule A + Schedule B)	\$
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Signature of Owner or Authorized Corporate Officer
(This is required for a valid bid)

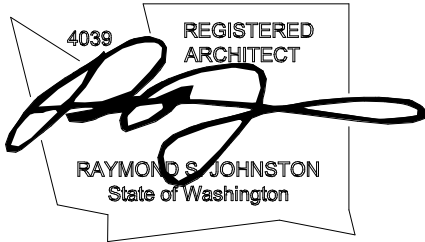
Receipt is hereby acknowledged of Addendum(s) No. _____, _____, & _____.

By signing the Bid Proposal, the bidder hereby declares, under penalty of perjury under the laws of the United States that the Non-Collusion Declaration and Notice to All Bidders statements, as provided in these Bid Specifications and Contract Documents, are true and correct.

The City of Camas reserves the right to reject any or all proposals if found to be higher than the estimated cost and to waive any formality or technicality in any proposal in the interest of the City. The City of Camas also reserves the right to delete any or all portions of individual bid items.



Johnston Architects, LLC
3131 Western Ave,
Suite 510
Seattle, WA 98121
t 206.523.6150
f 206.523.9382

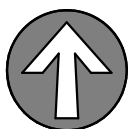


CAMAS LIBRARY

625 NE 4TH AVE.
CAMAS, WA 98607

DRAWING ISSUE

#	DATE	DESCRIPTION
	08/01/2024	PERMIT INTAKE
	08/28/2024	100% CONSTRUCTION DOCUMENTS
1	10/14/2024	BID ADDENDUM



0' 4' 8'

SHEET TITLE

LEVEL 1 -
ENLARGED PLANS

SHEET NO.

A221

Drawn
Checked

Author
Checker

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PLAN GENERAL NOTES

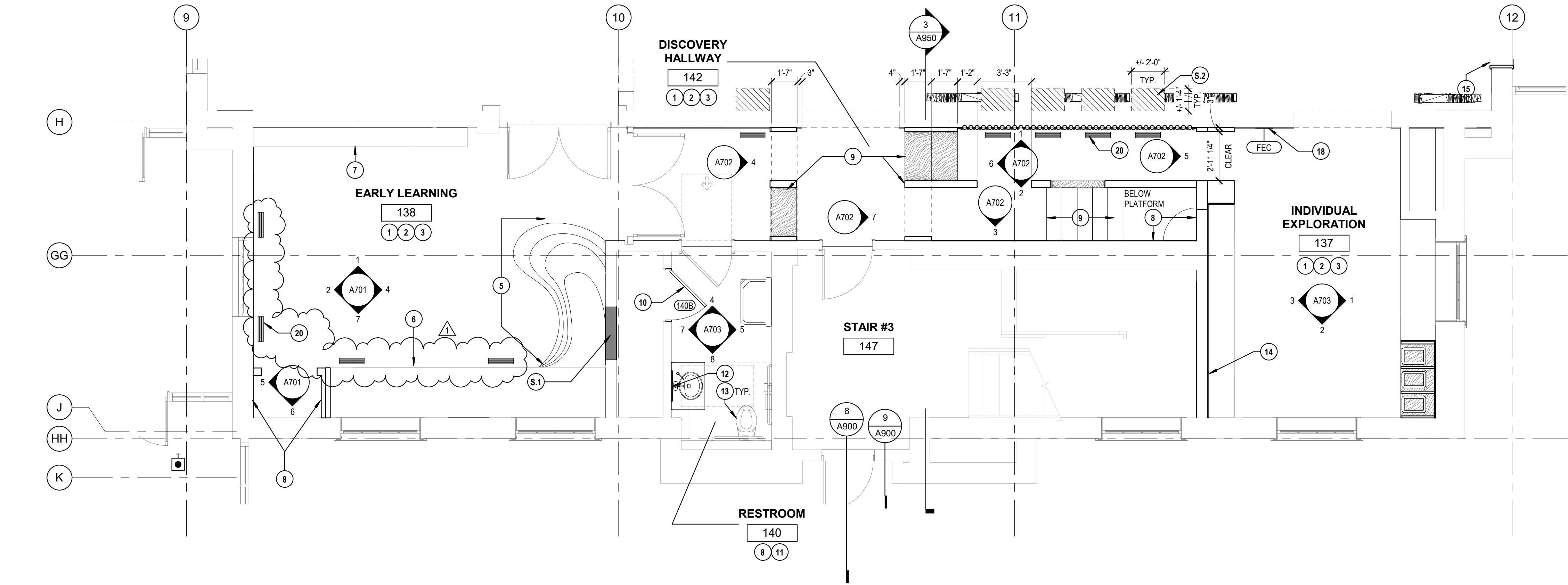
- REFER TO SHEET G001 FOR NOTES APPLICABLE TO ALL PORTIONS OF THE WORK.
- REFER TO G300 SERIES FOR TYPICAL ACCESSIBILITY CLEARANCES AND REQUIREMENTS.
- REFER TO A001 FOR WALL ASSEMBLIES. PATCH AND REPAIR ALL EXISTING WALLS AND NEW WALL INTERSECTIONS TO UNIFORM, LIKE-NEW APPEARANCE; PREPARE TO RECEIVE NEW PAINT AS SCHEDULED.
- MAINTAIN ACOUSTIC AND/OR FIRE RATINGS AROUND RECESSED FIXTURES, PIPING, DUCTWORK, PENETRATIONS AND ALL OBSTRUCTIONS.
- FLOOR TRANSITIONS TO OCCUR CENTERED UNDER DOOR PANEL. WHERE NO DOOR OCCURS, ALIGN FINISH TRANSITION WITH FINISHED FACE OF WALL BASE. FINISH TRANSITIONS MARKED WITH 'ALIGN' SHALL ALIGN WITH FACE OF ADJACENT WALL BASE, WHERE OCCURS, UNLESS NOTED OTHERWISE.
- GWB LEVEL OF FINISH SCHEDULE FOR WALLS AND CEILINGS IN THE FOLLOWING LOCATIONS:
 - LEVEL 4 (SMOOTH WALL); ALL AREAS NOT OTHERWISE NOTED
 - LEVEL 5 (SMOOTH WALL); BEHIND ANY WALLCOVERING LOCATIONS; REFER TO ROOM FINISH SCHEDULE.
- NEW POWER, DATA, AND PLUMBING CONNECTIONS TO BE COORDINATED WITH MEP.

KEYNOTES

- PATCH AND REPAIR ALL WALLS TO LIKE-NEW, UNIFORM, FINISH-READY APPEARANCE. ALL WALLS TO RECEIVE NEW PAINT AS SCHEDULED.
- PROVIDE AND INSTALL NEW CARPET TILE AS SCHEDULED.
- PROVIDE AND INSTALL NEW RUBBER BASE AS SCHEDULED.
- NEW FLOOR-MOUNTED UPHOLSTERED RISERS; SEE ELEVATIONS AND ROOM FINISH SCHEDULE.
- NEW BUILT-IN CASEWORK FEATURE WITH UPHOLSTERED SEAT. SEE ELEVATIONS AND ROOM FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
- PROVIDE AND INSTALL NEW CASEWORK STORAGE SHELVES AND CABINETS WITH SOLID SURFACE COUNTERTOP. SEE ELEVATIONS.
- PROVIDE AND INSTALL NEW WALLCOVERING; SEE ELEVATIONS FOR EXTENTS OF FINISH.
- PROVIDE AND INSTALL NEW CASEWORK PLAY STRUCTURE AND UPHOLSTERED RISER STAIRS. REFER TO ELEVATIONS, DETAILS, AND ROOM FINISH SCHEDULE. PASS-THROUGH CUT-OUT TO HAVE UPHOLSTERED EDGE OPENING.
- INSTALL SALVAGED DOOR, FRAME, AND HARDWARE.
- PROVIDE AND INSTALL NEW TILE FLOORING AND TILE WAJNSCOT. EDGES TO BE FINISHED WITH ALUMINUM FINISHING EDGE. SCHLUTER JOLLY OR EQUAL. SIZE AS REQUIRED BY TILE THICKNESS. SEE ROOM FINISH SCHEDULE.
- PROVIDE AND INSTALL NEW WALL-MOUNTED MIRROR. SEE ELEVATIONS.
- INSTALL SALVAGED RESTROOM FIXTURES INCLUDING, BUT NOT LIMITED TO: TOILET, SINK & COUNTER, GRAB BARS, CHANGING STATION, FAUCET, SOAP DISPENSER, ETC. INSTALL PER ELEVATIONS AND AS REQUIRED BY ANSI 117.1-2017.
- PROVIDE AND INSTALL NEW CUSTOM OVERSIZED PAINTED PEGBOARD AND FABRIC-WRAPPED ACOUSTIC WALL PANELS. SEE ELEVATIONS.
- PROVIDE AND INSTALL NEW CASEWORK PLINTHS AND UPHOLSTERED SURROUNDS. UPHOLSTERY TO WRAP ONTO NEW GWB SOFFIT (SEE RCP AND ELEVATIONS) AND TERMINATE AT FLOOR. JOINS BETWEEN CASEWORK AND ADJACENT GWB WALL TO BE FILLED WITH BONDO AND PAINTED TO MATCH; DESIGN INTENT IS FOR UNIFORM, SMOOTH FINISH ACROSS SURFACES.
- PROVIDE AND INSTALL NEW CASEWORK FEATURE WALL WITH LOCKING GLASS DOORS, ADJUSTABLE SHELVES, AND DISPLAY NOOKS. SEE ELEVATIONS.
- PROVIDE AND INSTALL NEW SEMI-RECESSED F.E.C., BOD: JL AMBASSADOR MODEL 1012
- INSTALL NEW FLOOR GRILLS FOR SUPPLY; COORDINATE WITH HVAC SUB

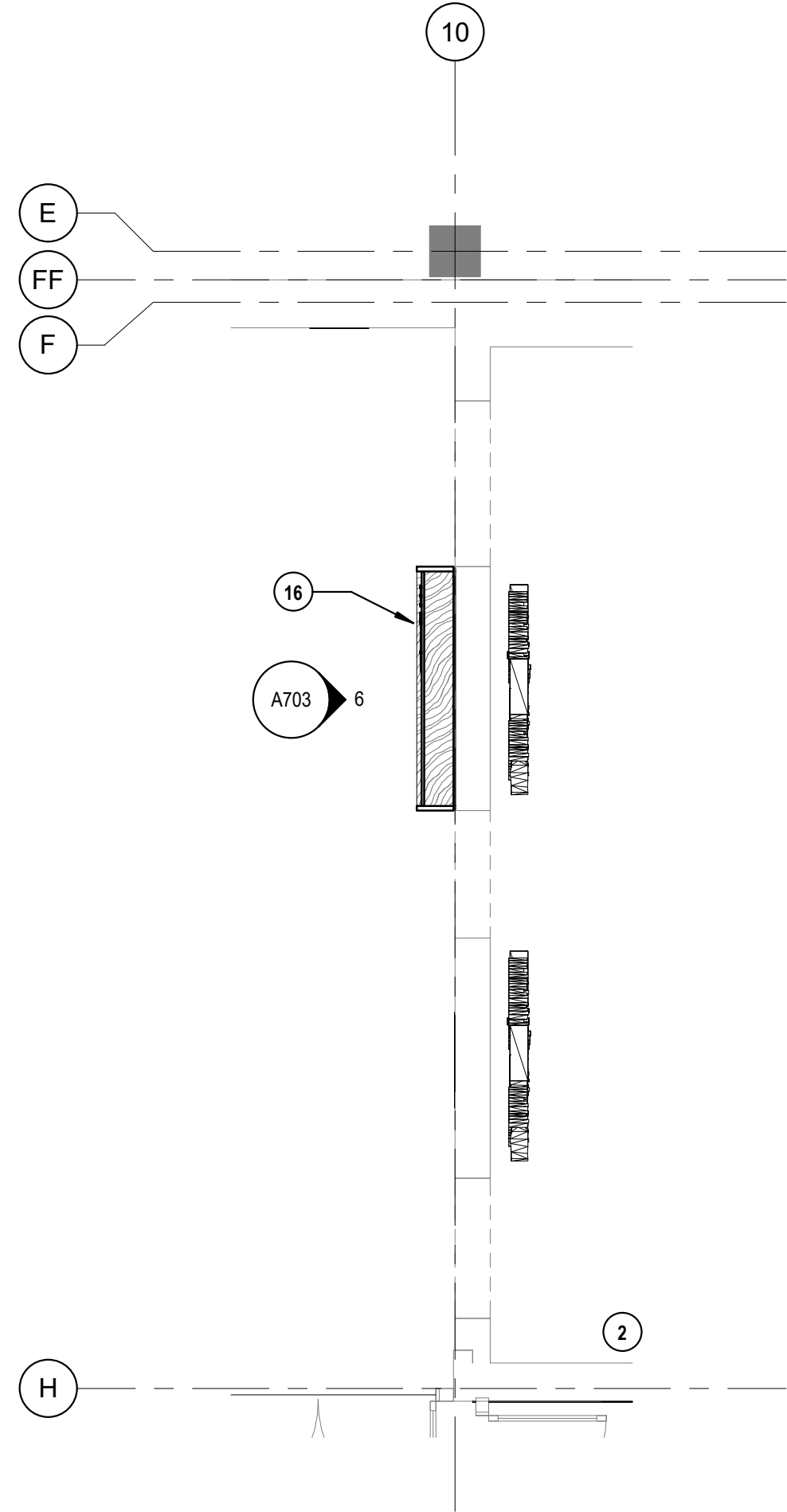
STRUCTURAL KEYNOTES

- S.1 INFILL (E) OPENING W/ 20 GA. MINIMUM METAL STUDS @16" O.C.
S.2 AT DUCT PENETRATION THROUGH (E) SLAB, SAWCUT AND REPLACE (E) SLAB WITH (N) CONC. SLAB ON GRADE TO MATCH THICKNESS OF EXISTING CONCRETE SLAB. REF DETAILS S-1; COORDINATE WITH HVAC SUB



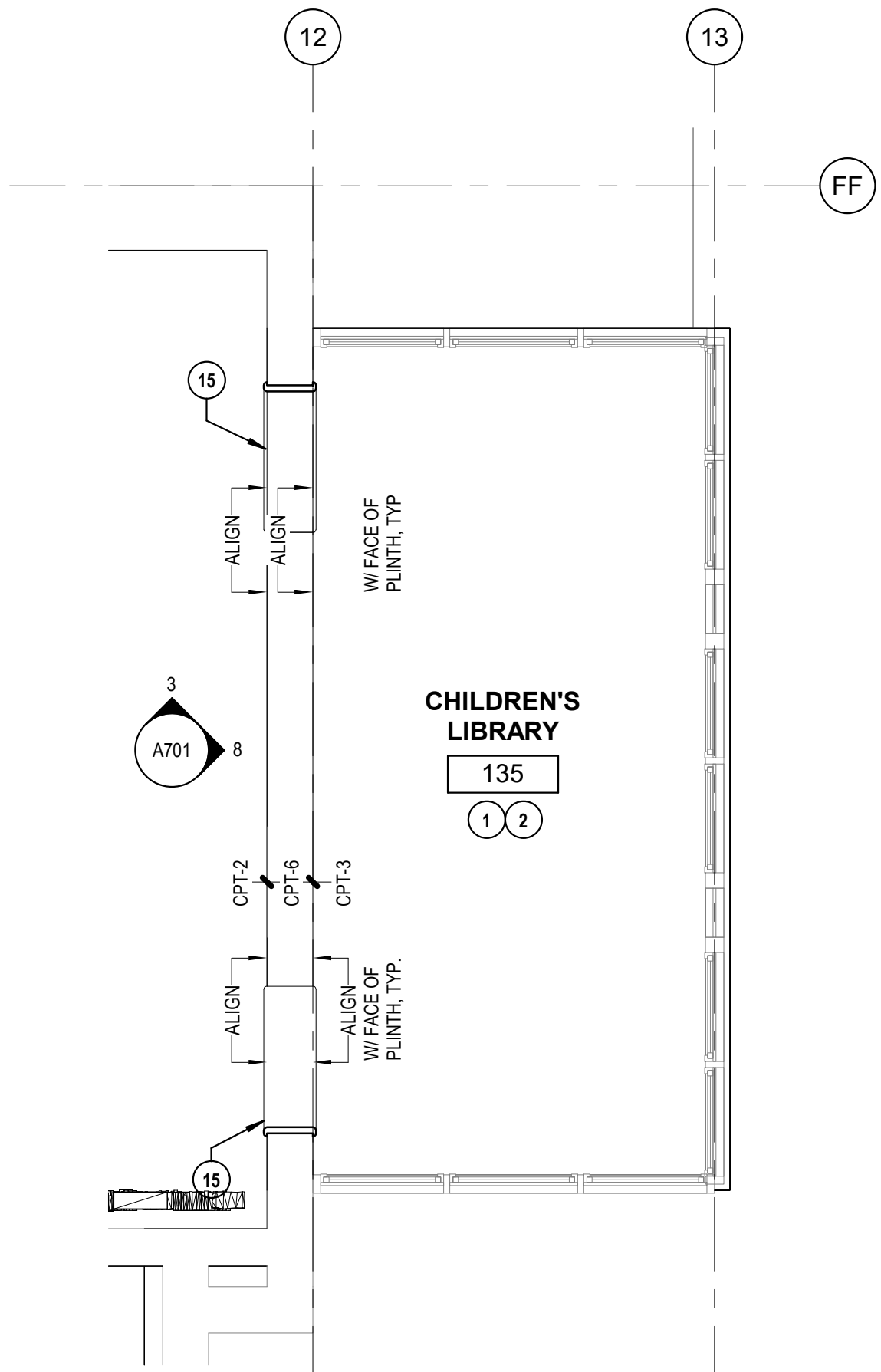
1 LEVEL 1 - FLOOR PLAN - LEARNING HIVE

SCALE: 1/4" = 1'-0"



3 LEVEL 1 - FLOOR PLAN - KID LIBRARIAN

SCALE: 1/4" = 1'-0"

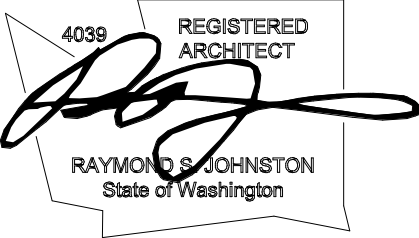


2 LEVEL 1 - FLOOR PLAN - COZY READING

SCALE: 1/4" = 1'-0"



Johnston Architects, LLC
3131 Western Ave,
Suite 510
Seattle, WA 98121
t 206.523.6150
f 206.523.9382



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#	DATE	DESCRIPTION
08/01/2024	PERMIT INTAKE	
08/28/2024	100% CONSTRUCTION DOCUMENTS	
1	10/14/2024	BID ADDENDUM

SHEET TITLE

ELEVATIONS

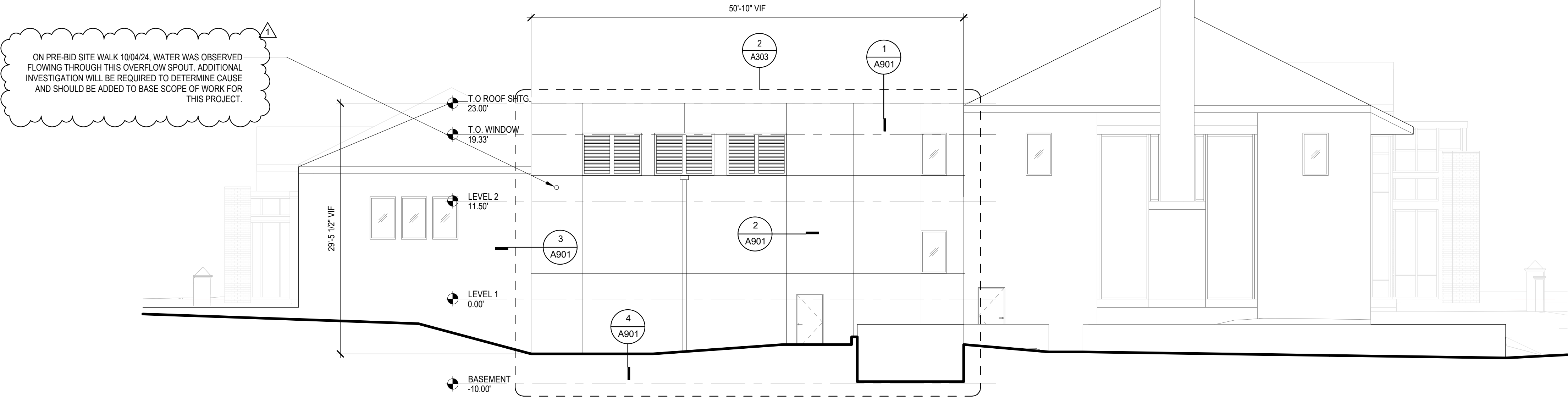
SHEET NO.

A303

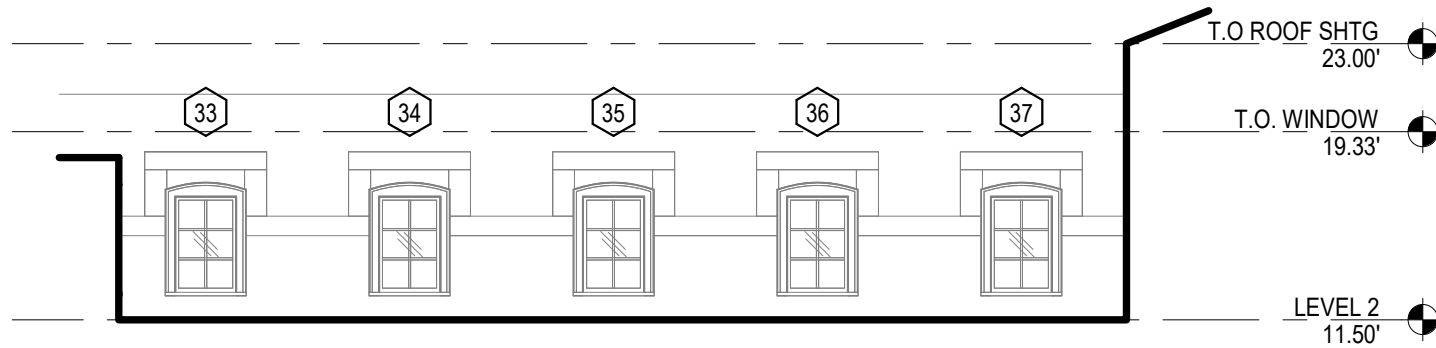
Drawn
Checked

Author
Checker

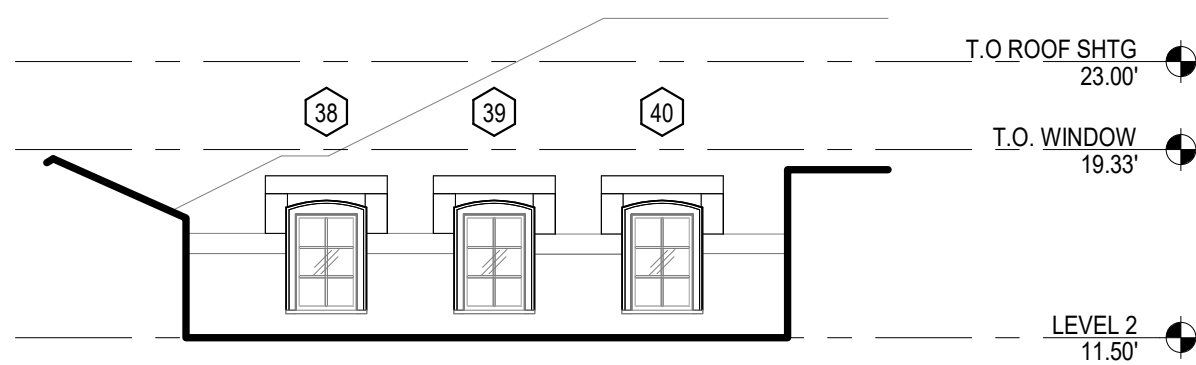
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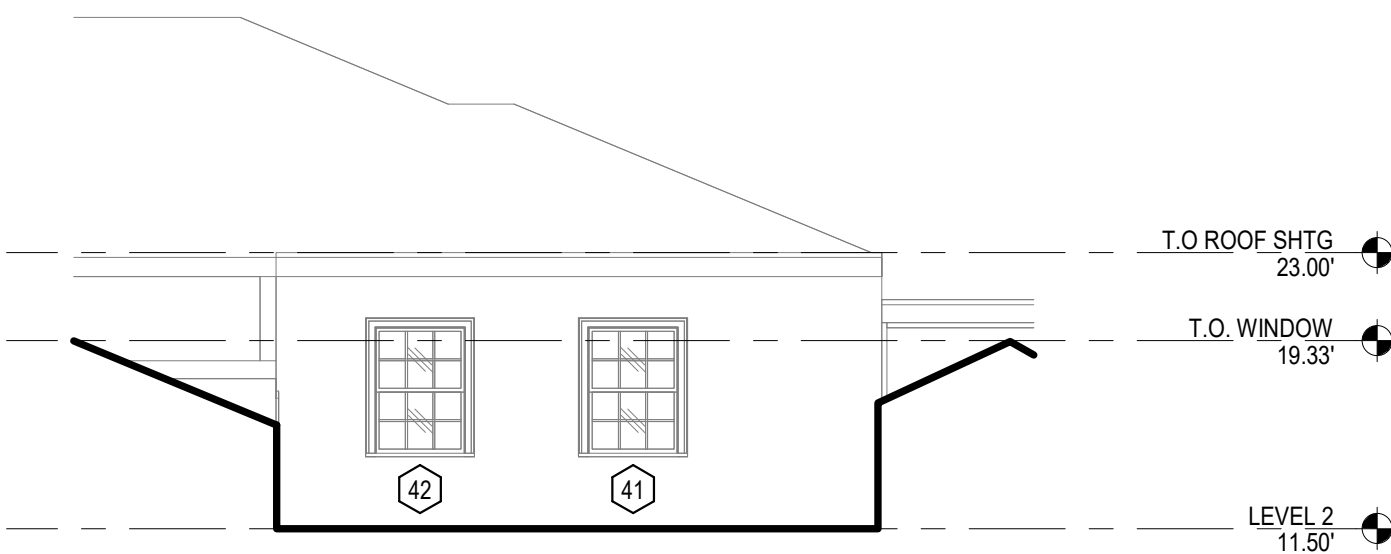
1 WEST ELEVATION
SCALE: 1/8" = 1'-0"



3 ATRIUM CLERESTORY WINDOWS - EAST
SCALE: 1/8" = 1'-0"



4 ATRIUM CLERESTORY WINDOWS - NORTH
SCALE: 1/8" = 1'-0"



5 ATRIUM CLERESTORY WINDOWS - SOUTH
SCALE: 1/8" = 1'-0"



REINSTALL ROOF DRAINAGE
OVERFLOW SPOUT IN SAME
LOCATION

DEMO STUCCO FINISH AND
VAPOR BARRIER; INSPECT BACK-
UP WALL FOR DAMAGE AND
REPAIR OR REPLACE IN-KIND

INSTALL NEW WEATHER RESISTIVE
BARRIER, DRAINAGE MAT AND
STUCCO



2 WEST ELEVATION - PHOTO CALLOUT

NOTE: SEE RDH BECA REPORT
(ADDENDUM TO SPECIFICATIONS) DATED
04/04/2024 PRIOR TO CONSTRUCTION

STREET CONSTRUCTION NOTES:

1. ENGINEERED FILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE MOST RECENTLY ADOPTED EDITION OF THE W.S.D.O.T STANDARD SPECIFICATIONS SECTION 2-03.3(14). FOR FILL AREAS WITHIN ROADWAYS, METHOD C OF (14)C SHALL BE USED. FOR FILL AREAS OUTSIDE OF ROADWAYS METHOD B SHALL BE USED. ALL FILL PLACED SHALL BE VERIFIED BY GEOTECHNICAL TESTING. TEST RESULTS SHALL BE FORWARDED TO THE CITY OF CAMAS PROJECT ENGINEER.
2. MATERIALS IN SOFT SPOTS WITHIN THE ROADWAY SHALL BE REMOVED TO THE DEPTH REQUIRED TO PROVIDE A FIRM FOUNDATION AND SHALL BE BACKFILLED WITH 1-1/2 INCH MINUS CRUSHED ROCK.
3. ALL SUBGRADE TO BE PROOF ROLLED AND APPROVED BY THE CITY INSPECTOR AND/OR BY A GEOTECHNICAL ENGINEER WITH THE CONSENT OF THE CITY ENGINEER. SUBGRADE FILLS ARE TO BE TESTED USING THE A.A.S.H.T.O. T-180 TEST METHOD.
4. ALL TRENCH LINES, FILL AREAS AND BASE COURSE LOCATED IN THE RIGHT-OF-WAY SHALL BE PER TRENCH DETAIL G2 AND THE STREET SECTION DETAILS AND SHALL MEET 95% OF A.A.S.H.T.O. T-180 COMPACTION. TRENCH LINES LOCATED WITHIN AN EXISTING ROADWAY SHALL BE PLATED OR TOPPED WITH COLD MIX. GRANULAR BACKFILL OVERNIGHT IS NOT ALLOWED. PLATES SHALL HAVE COLD MIX AROUND ALL EDGES.
5. THE CONTRACTOR SHALL NOTIFY THE CITY INSPECTOR A MINIMUM OF 24 HOURS PRIOR TO SUBGRADE PROOF ROLL OR GRADE CHECK INSPECTIONS.
6. THE AGGREGATE ROAD BASE SHALL BE COMPACTED IN ACCORDANCE WITH THE MOST RECENTLY ADOPTED EDITION OF THE W.S.D.O.T. STANDARD SPECIFICATIONS SECTION 4-04.3. THE CONTRACTOR SHALL SUBMIT TEST RESULTS TO THE ENGINEER AND CITY INSPECTOR. MAXIMUM DENSITY (95%) AS DETERMINED BY A.A.S.H.T.O. T-180 TEST METHOD.
7. ASPHALT CONCRETE PAVEMENT MIX SHALL BE DESIGNED FROM A MIX FORMULA APPROVED BY W.S.D.O.T. FOR MATERIAL USED. CONTRACTOR TO PROVIDE THE CITY WITH CERTIFICATE OF COMPLIANCE FROM THE ASPHALT PAVEMENT PLANT, UNLESS OTHERWISE INDICATED.
8. THE ASPHALT CONCRETE PAVEMENT MIX SHALL BE COMPACTED IN ACCORDANCE WITH THE MOST RECENTLY ADOPTED EDITION OF THE W.S.D.O.T STANDARD SPECIFICATIONS SECTION 5-04.3(10). CONTRACTOR SHALL SUBMIT TEST RESULTS TO THE ENGINEER AND THE CITY INSPECTOR.
9. ALL STORM SYSTEM IMPROVEMENTS AND STORMWATER DETENTION AND TREATMENT FACILITIES SHALL BE COMPLETED AND PROPERLY FUNCTIONING PRIOR TO ANY PAVING.
10. HALF STREET IMPROVEMENTS SHALL INCLUDE AN ANALYSIS OF THE EXISTING STRUCTURAL SECTION OUT TO CENTERLINE. IF FOUND TO BE SUBSTANDARD, THE DEVELOPER SHALL BE REQUIRED TO PROVIDE AN ADEQUATE STRUCTURAL SECTION TO CENTERLINE. THIS MAY CONSIST OF A STRUCTURAL OVERLAY OR A COMPLETE STREET RECONSTRUCTION AS DETERMINED BY A GEOTECHNICAL ANALYSIS AND AS APPROVED BY THE CITY ENGINEER.
11. ALL SIDEWALK AND CURB RAMPS SHALL COMPLY WITH THE MOST RECENT EDITION OF THE W.S.D.O.T. FIELD GUIDE FOR ACCESSIBLE PUBLIC RIGHTS OF WAY.



STREET DETAIL
STREET CONSTRUCTION NOTES

NOT TO SCALE

DETAIL NO.

ST1

Jim P. Crutcher 7-23-18
DETAIL APPROVED BY DATE

REVISION: 3 DATE: 7/17/2018

ST-NOTES 2018.DWG

LANDSCAPING GENERAL NOTES:

1. DEVELOPER SHALL SUBMIT A LANDSCAPE PLAN SHOWING PLANT TYPE, LOCATION, AND QUANTITY OF PLANTS, THAT IS DESIGNED BY A QUALIFIED LANDSCAPE DESIGNER.
2. SHOW THE LOCATION OF SIDEWALK, LIGHT POLES, MAIL BOXES, DRIVEWAYS, FIRE HYDRANTS, INTERSECTIONS, AND ANY OTHER APPURTENANCE THAT MAY INFLUENCE THE PLACEMENT OF PLANTS.
3. LANDSCAPING SHALL BE SELECTED AND LOCATED TO DETER SOUND, FILTER AIR CONTAMINANTS, CURTAIL EROSION, MINIMIZE STORM WATER RUN-OFF, CONTRIBUTE TO LIVING PRIVACY, REDUCE THE VISUAL IMPACTS OF BUILDINGS/EQUIPMENT AND PAVED AREAS, SCREEN, REDUCE GLARE, AND EMPHASIZE OR SEPARATE OUTDOOR SPACES OF DIFFERENT USES OR CHARACTER.
4. LANDSCAPING SHALL BE DESIGNED TO BE HARMONIOUS WITH THE LOCAL SETTING AND WITH NEIGHBORING DEVELOPMENTS.
5. PLANTS AND TREES SHALL COMPLEMENT OR SUPPLEMENT SURROUNDING NATURAL VEGETATION.
6. PLANTS AND TREES CHOSEN SHALL BE IN SCALE WITH THE STRUCTURES AND EQUIPMENT DEVELOPMENT, KEEPING IN MIND THE MATURE SIZE OF PLANTINGS.
7. MINIMUM LANDSCAPING AS A PERCENT OF GROSS SITE AREA SHALL BE 15%.
8. DEVELOPER SHALL PROVIDE AN IRRIGATION PLAN.
 - 8.1 APPROPRIATE IRRIGATION SYSTEMS SHALL BE INSTALLED WHERE NEEDED TO ASSURE LANDSCAPING SUCCESS.
 - 8.2 DESIGN OF LANDSCAPING THAT INCLUDES XERISCAPE PRINCIPLES IS ENCOURAGED TO REDUCE LONG-TERM MAINTENANCE DEMANDS AND TO CONSERVE WATER.
 - 8.3 XERISCAPE IS DEFINED AS LANDSCAPE DESIGN, WHICH WOULD INCORPORATE PLANT MATERIALS THAT REQUIRE LITTLE OR NO IRRIGATION AND RELY ON NATURAL MOISTURE AND RAINFALL FOR SURVIVAL ONCE ESTABLISHED.
9. LANDSCAPE SHALL BE DESIGNED WITH MAINTENANCE IN MIND:
 - 9.1 DEVELOPER SHALL PROVIDE A MAINTENANCE PLAN DESCRIBING FUNDING, RESPONSIBILITY, AND FREQUENCY OF MAINTENANCE.
 - 9.2 PLANTS AND TREES THAT MINIMIZE UPKEEP AND MAINTENANCE SHALL BE SELECTED.
 - 9.3 TREES, AS THEY GROW, SHALL BE PRUNED TO THEIR NATURAL FORM TO PROVIDE AT LEAST 10 FEET OF CLEARANCE ABOVE SIDEWALKS AND 12 FEET ABOVE STREET ROADWAY SURFACES.
 - 9.4 SHRUBS SHALL BE MAINTAINED TO A MAXIMUM HEIGHT OF 42 INCHES FROM TOP OF CURB TO TOP OF PLANT. ENSURE THAT SHRUBS ARE TRIMMED BACK FROM FACE OF CURB.
10. WHERE THERE ARE OVERHEAD UTILITY LINES, TREE SPECIES THAT WILL NOT INTERFERE WITH THOSE LINES SHALL BE CHOSEN. DEVELOPER IS TO VERIFY WITH UTILITY ON SPECIES SELECTION.
11. TREES SHALL NOT BE PLANTED WITHIN 2 FEET OF ANY PERMANENT HARD SURFACE PAVING OR WALKWAY.
12. PARKING AND LOADING AREAS SHALL BE SCREENED FROM HORIZONTAL VIEW WITH THE USE OF DENSE LANDSCAPING, MOUNDS OR BERMS.
13. PERIMETER AND SECURITY FENCING SHALL BE CONSTRUCTED TO MINIMIZE VISUAL IMPACT. WALLS OR FENCES SEPARATING ADJOINING PARCELS MAY BE LOCATED AT THE PROPERTY LINE. SECURITY FENCING SHALL BLEND INTO AND BE COMPATIBLE WITH LANDSCAPING AND SURROUNDING ENVIRONMENT. FENCING SHALL HAVE EARTH TONE COLORS OF BROWN, TAN GRAY, OR GREEN, WALLS SHALL BE CONSTRUCTED OF MATERIALS COMPATIBLE WITH THE BUILDING ARCHITECTURE, LANDSCAPING, AND SURROUNDING ENVIRONMENT.
14. SITE AND BUILDING LIGHTING SHALL BE DESIGNED TO MINIMIZE GLARE OR OBJECTIONABLE EFFECTS TO THE ADJACENT PROPERTIES. SITE LIGHTING POLES SHALL NOT EXCEED 20 FEET IN HEIGHT AND SHALL DIRECT THE LIGHT DOWNWARD. LIGHTING SOURCES VIEWED FROM ABOVE OR BELOW ON ADJACENT PROPERTY SHALL BE SHIELDED. BUILDING LIGHTING IS TO BE CONCEALED AND INDIRECT. SITE LIGHTING IS TO BE DESIGNED TO PROVIDE UNIFORM DISTRIBUTION AND THE LIGHT LEVELS SHALL BE ADEQUATE FOR REASONABLE SECURITY AND SAFETY ON THE PREMISES.
15. EARTH BERMS MAY BE USED TO PROVIDE VARIATION IN THE GROUND PLANE AND FOR SCREENING INTERIOR PROTRUSIONS OF THE SITE. CARE MUST BE TAKEN IN THEIR DESIGN TO AVOID CREATING AN ARTIFICIAL APPEARING LANDSCAPE. THE BERMED AREAS SHALL BE AS LONG, AS GRADUAL, AND AS GRACEFUL AS SPACE WILL ALLOW, AND SHOULD HAVE A MINIMUM HEIGHT ABOVE SURROUNDING GRADE OF THREE FEET. MAXIMUM SLOPES FOR BERMED AREAS SHALL BE 3:1 FOR TURF AREAS AND 2:1 FOR GROUND COVER AREAS.

LANDSCAPING W/IN R.O.W. NOTES:

1. TREES SHALL NOT BE PLANTED CLOSER THAN 25 FEET FROM THE CURB LINE OF THE INTERSECTIONS OF STREETS OR ALLEYS, AND NOT CLOSER THAN 10 FEET FROM DRIVEWAYS, FIRE HYDRANTS, OR UTILITY POLES.
2. STREET TREES SHALL NOT BE PLANTED CLOSER THAN 20 FEET TO LIGHT STANDARDS. EXCEPT FOR PUBLIC SAFETY, NO NEW LIGHT STANDARD SHOULD BE POSITIONED CLOSER THAN 10 FEET TO ANY EXISTING STREET TREE, AND PREFERABLY SUCH LOCATIONS WILL BE AT LEAST 20 FEET DISTANCE.
3. TREES SHALL NOT BE PLANTED CLOSER THAN 2-1/2 FEET FROM THE FACE OF THE CURB EXCEPT AT INTERSECTIONS, WHERE IT SHOULD BE 25 FEET FROM THE CURB IN A CURB RETURN AREA..
4. EXISTING TREES MAY BE USED AS STREET TREES IF THERE WILL BE NO DAMAGE FROM THE DEVELOPMENT WHICH WILL KILL OR WEAKEN THE TREE.
5. VISION CLEARANCE HAZARDS SHALL BE AVOIDED AND VISION CLEARANCE STANDARDS SHALL BE ADHERED TO.



LANDSCAPE DETAIL
LANDSCAPING NOTES

John E. Christopher 5-17-19
DETAIL APPROVED BY DATE

NOT TO SCALE

DETAIL NO.

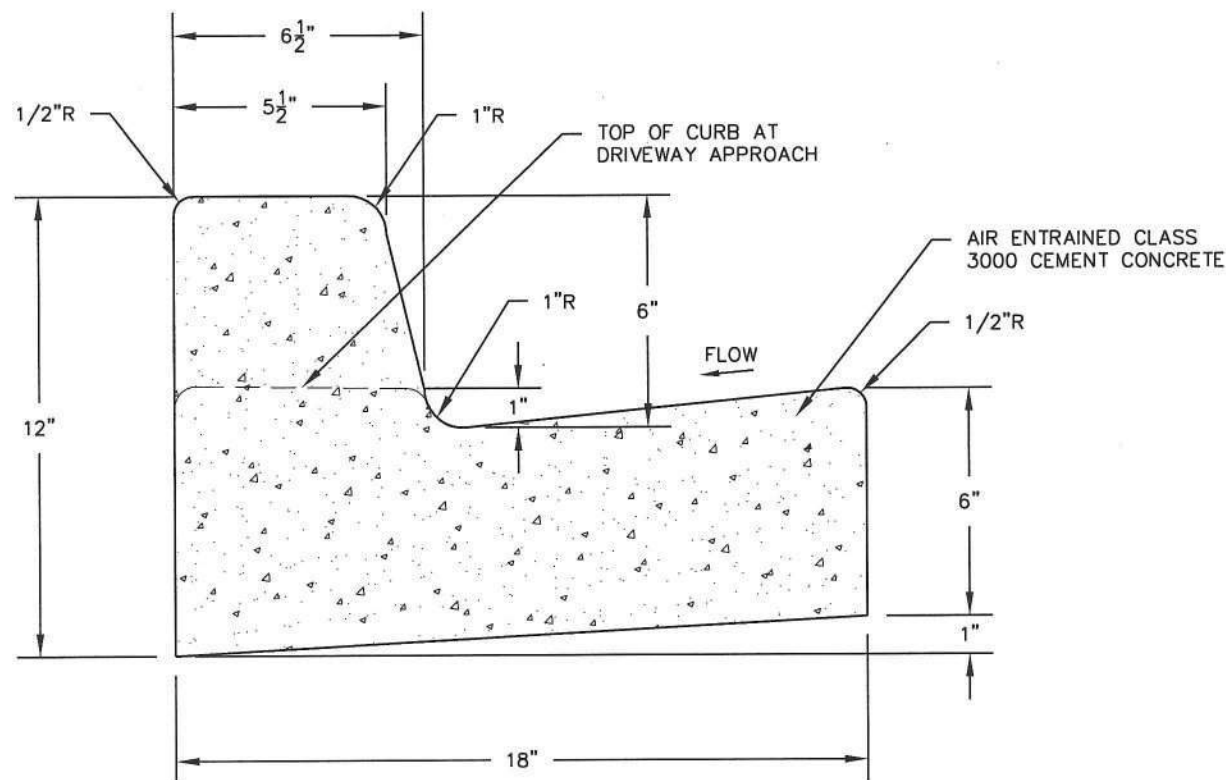
LS1

REVISION: 3

DATE: 5/17/2019

PLANTING NOTES:

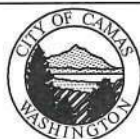
1. ALL PLANTING TO BE OF NURSERY STOCK GRADE NO. 1 OR BETTER AND MUST BE APPROVED PRIOR TO PLANTING.
2. ALL PLANTING HOLES SHALL BE EXCAVATED THREE TIMES THE DIAMETER OF THE TREE ROOT BALL OR ROOT SYSTEM.
3. DECIDUOUS TREES SHALL HAVE STRAIGHT TRUNKS, BE FULL BRANCHED, HAVE A MINIMUM CALIPER OF 2 INCHES AND BE ADEQUATELY STAKED FOR PLANTING. CALIPER OF TREES SHALL BE LARGER WHEN REQUIRED BY OTHER CITY STANDARDS OR PLANS.
4. EVERGREEN TREES SHALL BE A MINIMUM OF THREE FEET IN HEIGHT, FULLY BRANCHED AND ADEQUATELY STAKED FOR PLANTING.
5. DECIDUOUS TREES SHALL BE A MINIMUM 2" CALIPER UNLESS APPROVED BY THE CITY.
6. POTTED OR B&B PLANTS SHALL BE A MINIMUM SIZE OF 3 GALLONS UNLESS APPROVED BY THE CITY..
7. SHRUBS SHALL BE PLANTED ACCORDING TO RECOGNIZED LANDSCAPE STANDARD PRACTICE FOR MAINTENANCE, APPEARANCE, HEALTH OF THE PLANTS, AND OVERALL AESTHETICS.
8. PLANT UPRIGHT AND FACE TO GIVE BEST APPEARANCE OR RELATIONSHIP TO OTHER PLANTS AND STRUCTURES.
 - 8.1. LOOSEN AND REMOVE TWINE BINDING AND BURLAP FROM AROUND THE TOP OF EACH ROOT BALL.
 - 8.2. SET TREES AN INCH ABOVE FINISH GRADE.
 - 8.3. STAKE OR GUY TREES IMMEDIATELY AFTER PLANTING (SEE DETAIL PL3, PL4, & PL5)
 - 8.4. REMOVE STAKES OR GUY WIRES ONE YEAR AFTER INSTALLATION.
9. PLACE AND COMPACT BACKFILL SOIL MIXTURE CAREFULLY TO AVOID INJURY TO ROOTS, AND TO FILL ALL VOIDS. BACKFILL MIX SHALL CONSIST OF 1/4 APPROVED HUMUS MATERIAL TO 3/4 TOPSOIL, PLUS SOIL AMENDMENTS/FERTILIZERS AS PER SOIL ANALYSIS (TO BE PERFORMED PRIOR TO PLANTING TREES).
10. WHEN HOLE IS NEARLY FILLED, COMPLETELY SOAK AND ALLOW WATER TO DRAIN AWAY. FILL HOLE TO FINISH GRADE. PROVIDE 2 INCH HIGH BERM WATER RING AT THE BASE OF EACH TREE. REMOVE BERM AT THE END OF CONTRACT MAINTENANCE PERIOD.
11. GROUND COVER, SHALL BE PLANTED ACCORDING TO RECOGNIZED LANDSCAPE STANDARD PRACTICE FOR MAINTENANCE, APPEARANCE, OVERALL AESTHETICS, AND HEALTH OF THE PLANTS.
12. TREES, AS THEY GROW, SHALL BE PRUNED TO THEIR NATURAL FORM TO PROVIDE AT LEAST 10 FEET OF CLEARANCE ABOVE SIDEWALKS AND 14 FEET ABOVE STREET ROADWAY SURFACES.
13. TREE MAINTENANCE – IN ORDER TO INSURE ESTABLISHMENT, SURVIVAL AND GROWTH, TREES SHALL BE MULCHED WITH 4" DEEP COMPOST AND WATERED AS NECESSARY DURING THE FIRST TWO GROWING SEASONS. PRUNING TO BE AS FOLLOWS:
 - 13.1. YEAR 1 – ONLY DEAD, BROKEN, OR CROSSING BRANCHES SHALL BE PRUNED.
 - 13.2. YEAR 2 – A CLASS 1 PRUNE, PURSUANT TO NATIONAL ARBORIST ASSOCIATION STANDARDS, SHALL BE PERFORMED. THE PURPOSE OF THIS PRUNING IS TO ESTABLISH PROPER SCAFFOLD BRANCHING, RAISE THE CROWN FOR ROAD/SIDEWALK CLEARANCE, AND REMOVE ANY DEAD, DYING OR CROSSING BRANCHES.
 - 13.3. YEAR 3 – A CLASS 1 PRUNE, PURSUANT TO NATIONAL ARBORIST ASSOCIATION STANDARDS, SHALL BE PERFORMED. THE PURPOSE OF THIS PRUNING IS TO CONTINUE TO ESTABLISH THE PROPER SCAFFOLD BRANCHING, CONTINUE TO RAISE THE CROSSING FOR ROAD/SIDEWALK CLEARANCE, AND TO REMOVE ANY DEAD, DYING, OR CROSSING BRANCHES.
14. DEFINITIONS:
 - 14.1. BALLED AND BURLAPPED (B&B) – TREES AND SHRUBS WITH A LARGE BALL OF SOIL AROUND THE ROOTS WRAPPED IN BURLAP.
 - 14.2. BARE-ROOT – OFFERED BY NURSERIES IN WINTER AND EARLY SPRING WITH ALL THE SOIL REMOVED FROM THEIR ROOTS.
 - 14.3. CALIPER – THE DIAMETER OF THE TRUNK MEASURED AT 4- FEET FROM THE GROUND.
 - 14.4. GROUND COVER – LIVING MATERIAL THAT DOES NOT INCLUDE BARK CHIPS OR OTHER MULCH.



NOTES:

1. THERE SHALL BE EXPANSION JOINTS EVERY 45' & FALSE JOINTS EVERY 15'
2. STAMP A "W" OR "S" IN FACE OF CURB AT WATER AND SEWER SERVICE LOCATIONS.
3. SEE HIGH SIDE TRAFFIC CURB & GUTTER DETAIL FOR SHED SECTIONS.
4. SEE CURB TRANSITION DETAIL FOR TRANSITION TO TRAFFIC CURB OR ROLLED TRAFFIC CURB AND GUTTER

REV. NO.	DATE	BY	APPR.
1	9/18/07	SCD	JC
2	9/18/07	SCD	JC
3	1/1/11	SCD	JC



CITY OF CAMAS ~ STREET DETAIL
TRAFFIC CURB AND GUTTER

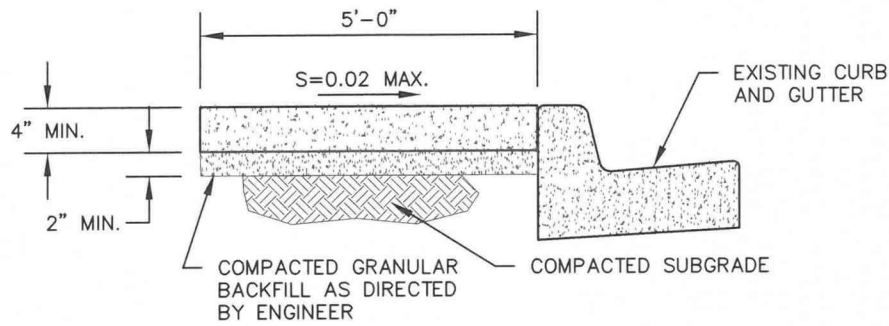
John P. Christensen 1-4-11
DETAIL APPROVED BY DATE

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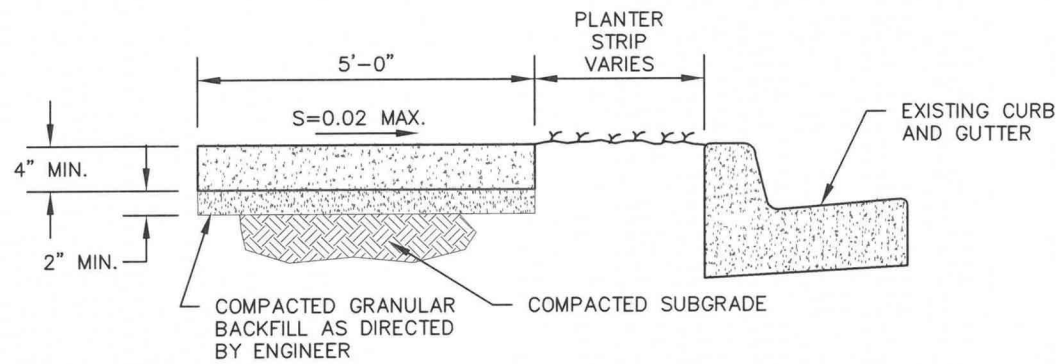
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ST7

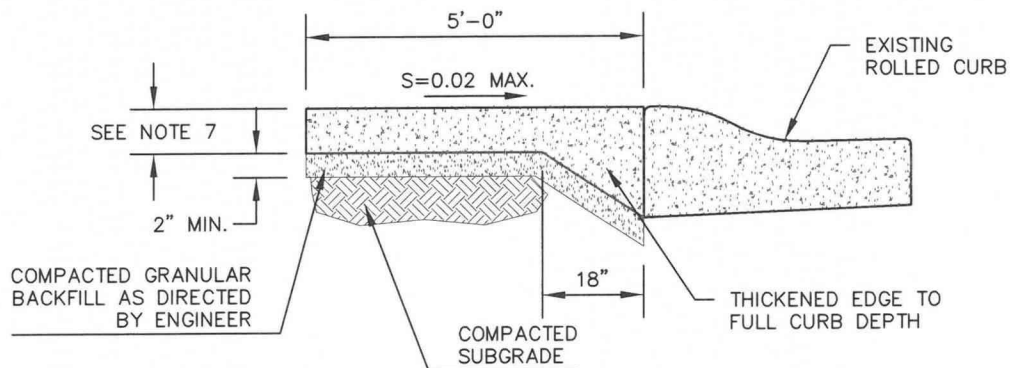
ST-CURBS.DWG



SITUATION A



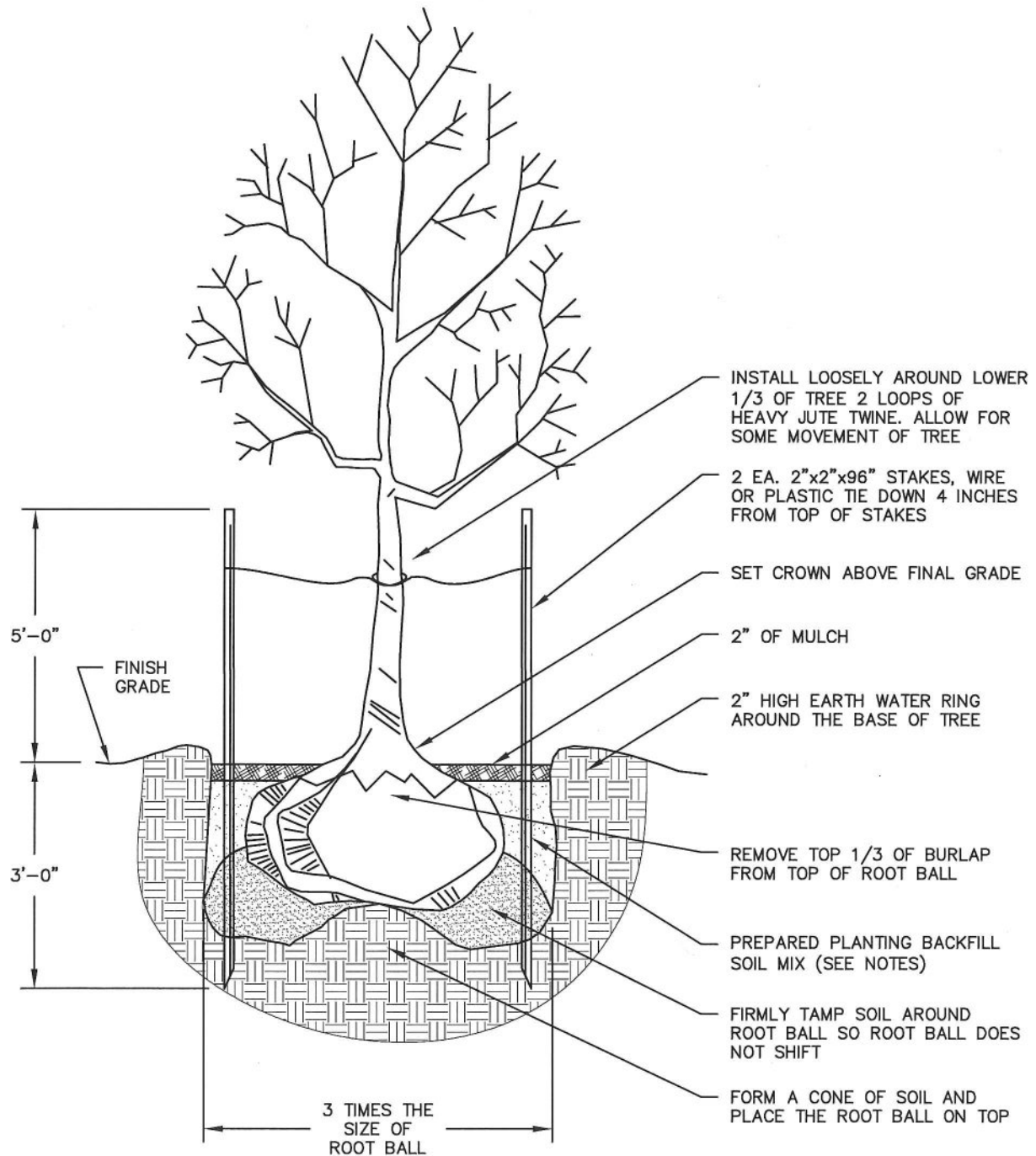
SITUATION B



SITUATION C

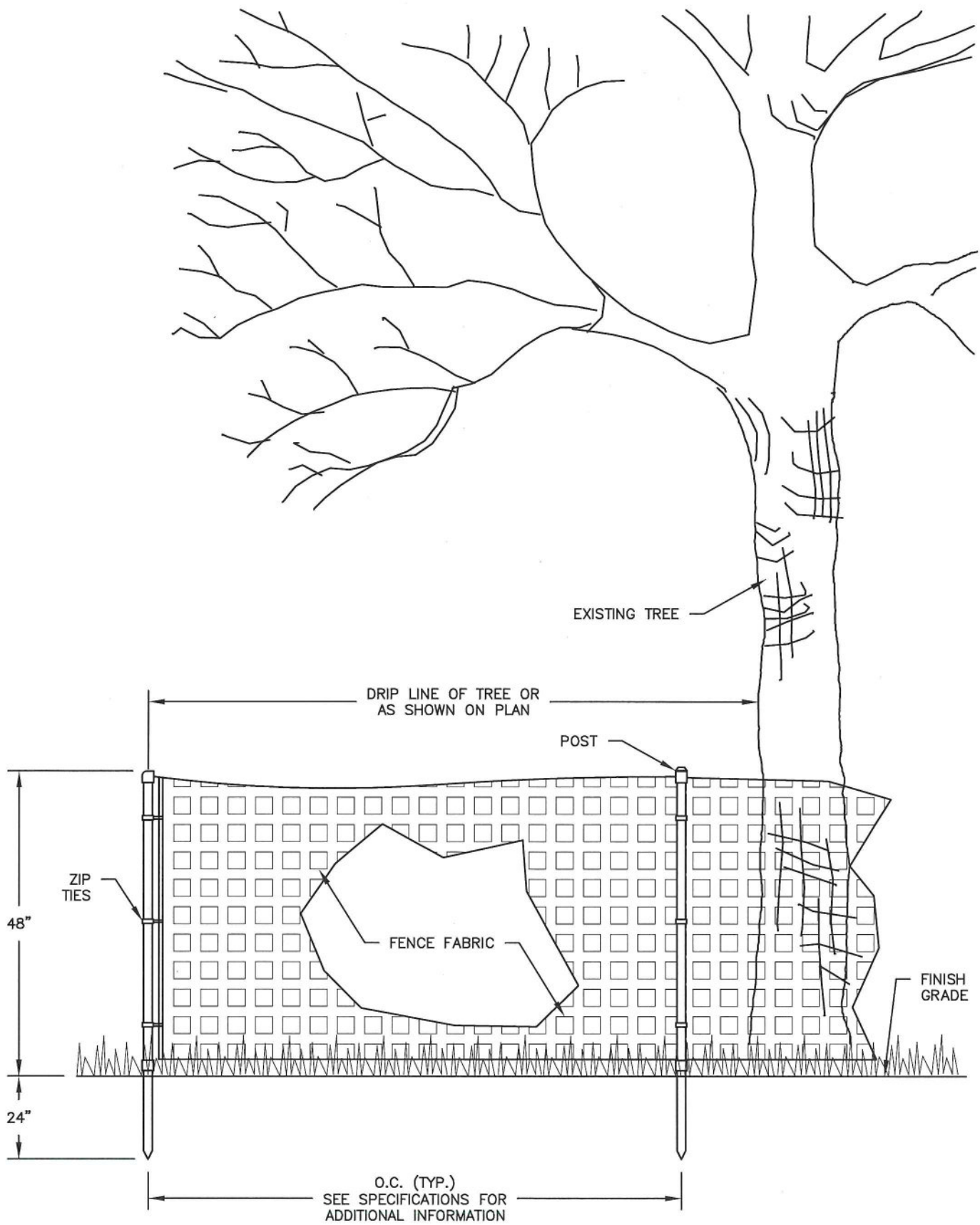
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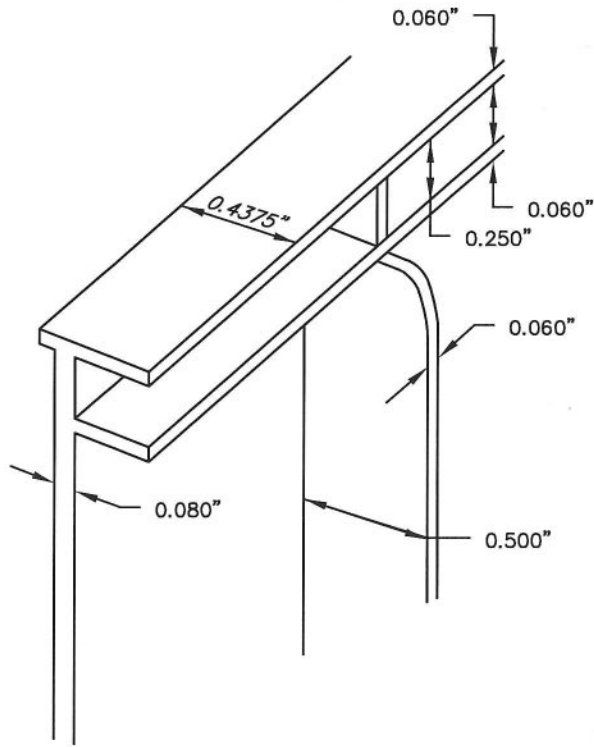
1. NOTIFY CITY INSPECTOR 24 HOURS PRIOR TO CONCRETE POUR FOR APPROVAL OF FORMS.
2. SUBGRADE SHALL BE SHAPED AND COMPACTED TO A FIRM EVEN SURFACE.
3. ALL SOFT AND YIELDING MATERIAL SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE MATERIAL.
4. CONCRETE FOR SIDEWALKS SHALL BE AIR ENTRAINED CONCRETE CLASS 3000.
5. PROVIDE EXPANSION JOINTS EVERY 15 FEET AND DUMMY JOINTS EVERY 5 FEET.
6. CONCRETE SURFACE SHALL BE TROWELED SMOOTH AND HAIR BROOMED.
7. DRIVEWAY APPROACHES AND SIDEWALKS = 6"
8. WEEP HOLES NOT PERMITTED ON ROLLED CURB



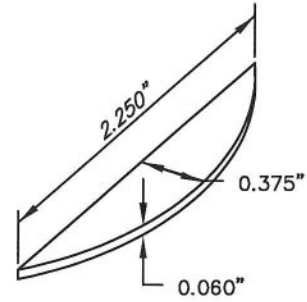
NOTES:

1. A ROOT BARRIER SHOULD BE INSTALLED AT THE EDGE OF PAVEMENT OR 4 FEET WIDE AND 6 FEET WIDE RECTANGLE AROUND THE TREE. SEE DETAILS PL7, PL8 & PL9
2. BACKFILL MIX SHALL CONSIST OF THE FOLLOWING: 0.75 PART TOPSOIL, 0.25 PART APPROVED HUMUS MATERIAL, SOIL AMENDMENTS/FERTILIZERS AS PER SOIL ANALYSIS (TO BE PERFORMED BEFORE PLANTING TREES).

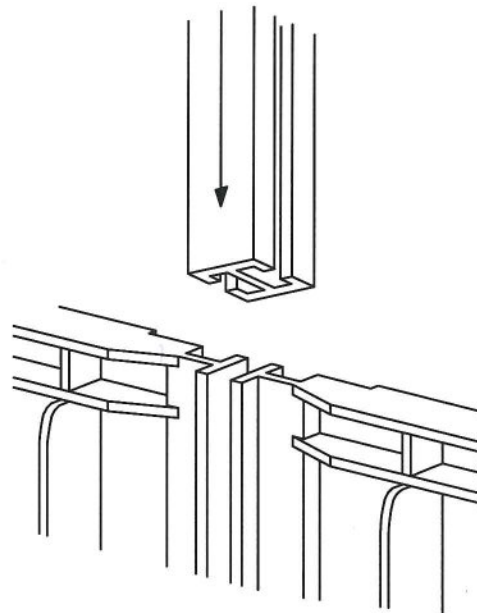




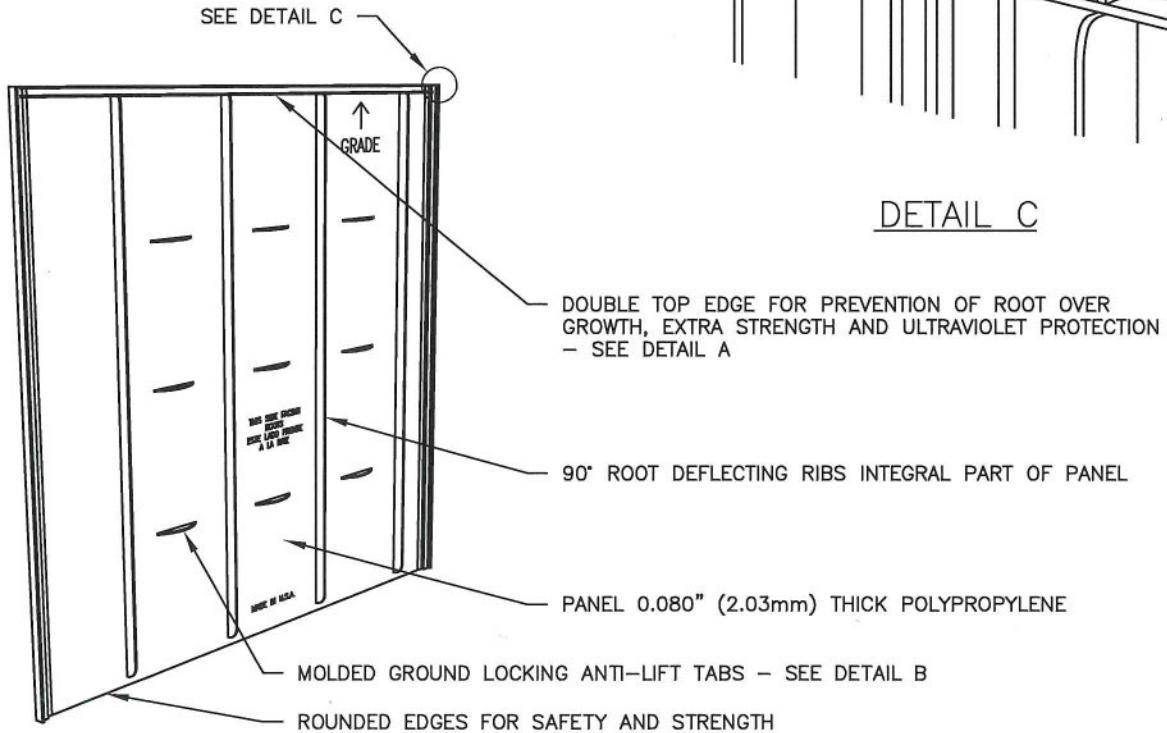
DETAIL A



DETAIL B



DETAIL C



NOTES:

1. SEE GENERAL NOTES AND INSTALLATION NOTES ON DETAIL PL8 AND PL9

ROOT BARRIER GENERAL NOTES:

1. SPECIFIED TREE ROOT BARRIERS ARE A MECHANICAL BARRIER AND ROOT DEFLECTOR TO PREVENT TREE ROOTS FROM DAMAGING HARDSCAPES AND LANDSCAPES. ASSEMBLED IN 2' LONG MODULES WITH RIGID JOINER STRIPS TO CREATE VARYING SIZES OF CYLINDERS FOR SURROUNDING ROOT BALLS (SURROUND PLANTING STYLE) OR FOR LINEAR APPLICATIONS DIRECTLY BESIDE A HARDSCAPE ADJACENT TO ONE SIDE OF THE TREES (LINEAR PLANTING STYLE).
2. DIMENSIONS ARE APPROXIMATE, SUBMIT SAMPLE FOR ENGINEERS APPROVAL PRIOR TO INSTALLATION.

A. MATERIALS

1. THE CONTRACTOR SHALL FURNISH AND INSTALL TREE ROOT BARRIERS AS SPECIFIED. THE TREE ROOT BARRIERS SHALL BE BLACK, INJECTION MOLDED PANELS, OF MINIMUM 0.080" WALL THICKNESS IN MODULES 24" LONG BY 18" DEEP; MANUFACTURED WITH A MINIMUM 50% POST CONSUMER RECYCLED POLYPROPYLENE PLASTIC WITH ADDED ULTRAVIOLET INHIBITORS; RECYCLABLE. EACH PANEL SHALL HAVE: NOT LESS THAN 4 MOLDED INTEGRAL VERTICAL ROOT DEFLECTING RIBS OF AT LEAST 0.06" THICKNESS PROTRUDING 1/2" AT 90° FROM INTERIOR OF THE BARRIER PANEL, SPACED 6" APART. (SEE PANEL DRAWING BELOW) A DOUBLE TOP EDGE CONSISTING OF TWO PARALLEL, INTEGRAL, HORIZONTAL RIBS AT THE TOP OF THE PANEL OF A MINIMUM 0.06" THICKNESS, 7/16" WIDE AND 1/4" APART WITH THE LOWER RIB ATTACHED TO THE VERTICAL ROOT DEFLECTING RIBS. (SEE DETAIL "A") A MINIMUM OF 9 ANTI-LIFT GROUND LOCK TABS CONSISTING OF INTEGRAL HORIZONTAL RIDGES OF A MINIMUM 0.06" THICKNESS IN THE SHAPE OF A SEGMENT OF A CIRCLE, THE 2 1/4" CHORD OF THE SEGMENT JOINING THE PANEL WALL AND THE SEGMENT, PROTRUDING 3/8" FROM THE PANEL. THE NINE GROUND LOCKS ON EACH PANEL SHALL BE ABOUT EQUALLY SPACED BETWEEN EACH OF THE VERTICAL ROOT DEFLECTING RIBS (3 BETWEEN EACH SET OF RIBS, SEE DETAIL "B"). A SELF LOCKING RIGID JOINER STRIP TO CONNECT ONE PANEL TO ANOTHER WITH A SEPARATION STRESS TEST OF 1000 POUNDS AT THE MOMENT OF SEPARATION. (SEE DETAIL "C"). TREE ROOT BARRIERS SHALL BE BY DEEPROOT OR APPROVED EQUAL.
2. THE BASIC PROPERTIES OF THE MATERIAL SHALL BE:

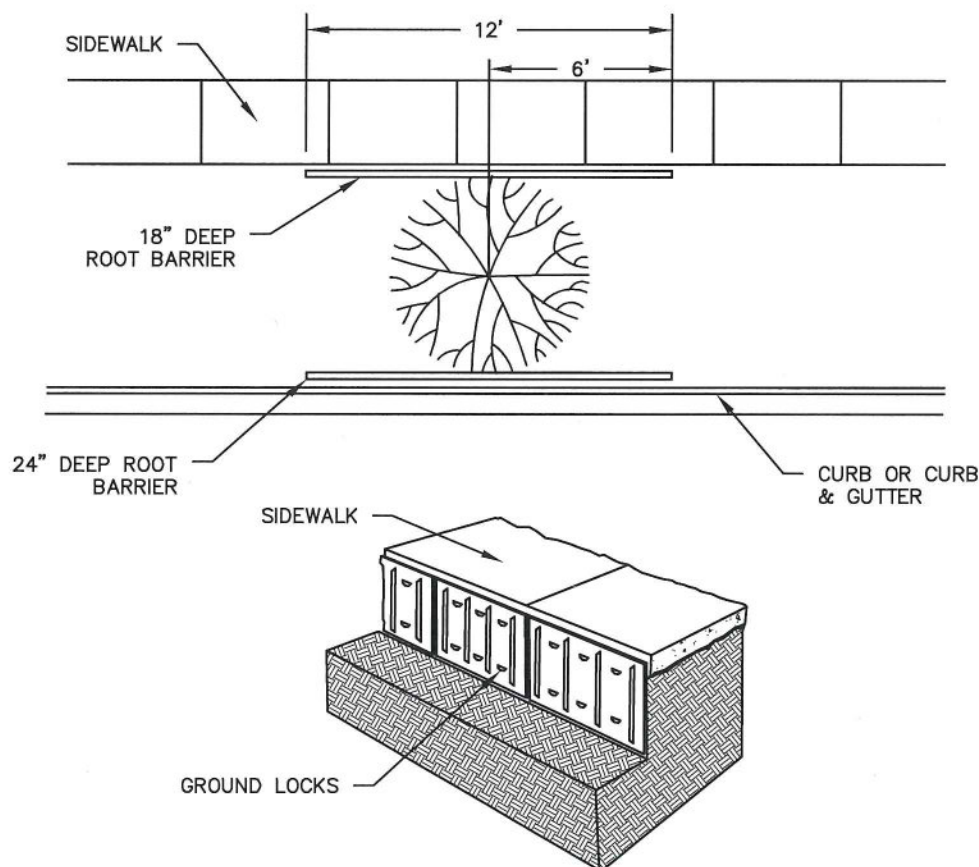
TEST	ASTM TEST METHOD	VALUE COPOLYMER POLYPROPYLENE
TENSILE STRESS AT YIELD	D638	3800 PSI
ELONGATION AT YIELD	D638	6.3%
FLEXURAL MODULUS	D790B	155,000 PSI
NOTCHED IZOD IMPACT	D256A	7.1
ROCKWELL HARDNESS R. SCALE	D785A	68

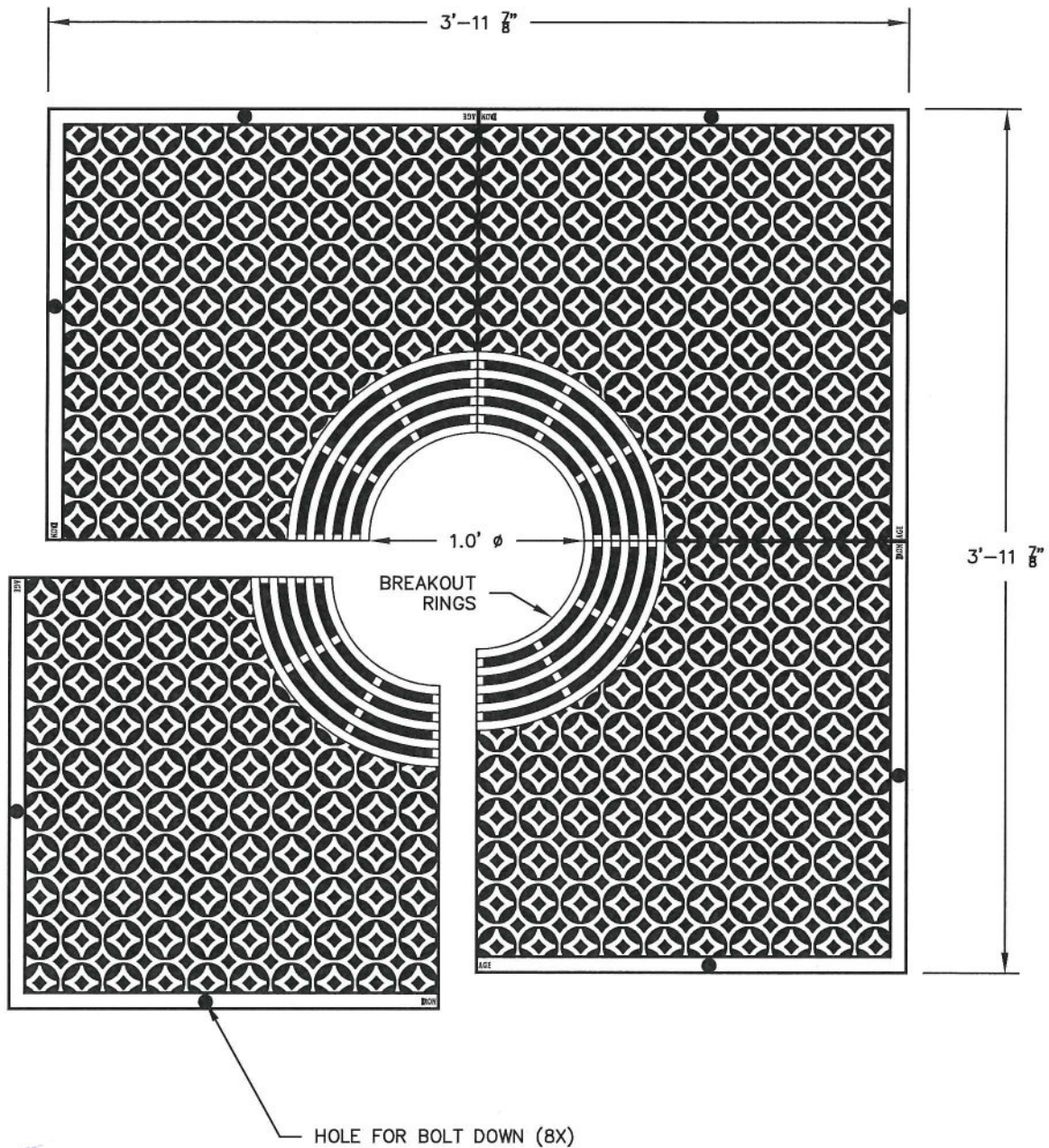
B. CONSTRUCTION AND INSTALLATION

1. THE CONTRACTOR SHALL INSTALL THE TREE ROOT BARRIERS WITH THE NUMBER OF PANELS AND IN THE MANNER SHOWN ON THE DRAWINGS. THE VERTICAL ROOT DEFLECTING RIBS SHALL BE FACING INWARDS TO THE ROOT BALL AND THE TOP OF THE DOUBLE EDGE SHALL BE 1/2" ABOVE GRADE. EACH OF THE REQUIRED NUMBER OF PANELS SHALL BE CONNECTED WITH THE RIGID JOINER STRIPS TO FORM A CIRCLE AROUND THE ROOT BALL OR WHERE SPECIFIED JOINED IN A LINEAR FASHION AND PLACED ALONG THE ADJACENT HARDSCAPE.
2. EXCAVATION AND SOIL PREPARATION SHALL CONFORM TO THE DRAWINGS.
3. THE TREE ROOT BARRIERS SHALL BE BACKFILLED ON THE OUTSIDE WITH 3/4" TO 1 1/2" GRAVEL OR CRUSHED ROCK AS SHOWN ON THE DRAWINGS. NO GRAVEL BACKFILL IS REQUIRED FOR A LINEAR PLANTING.

NOTES:

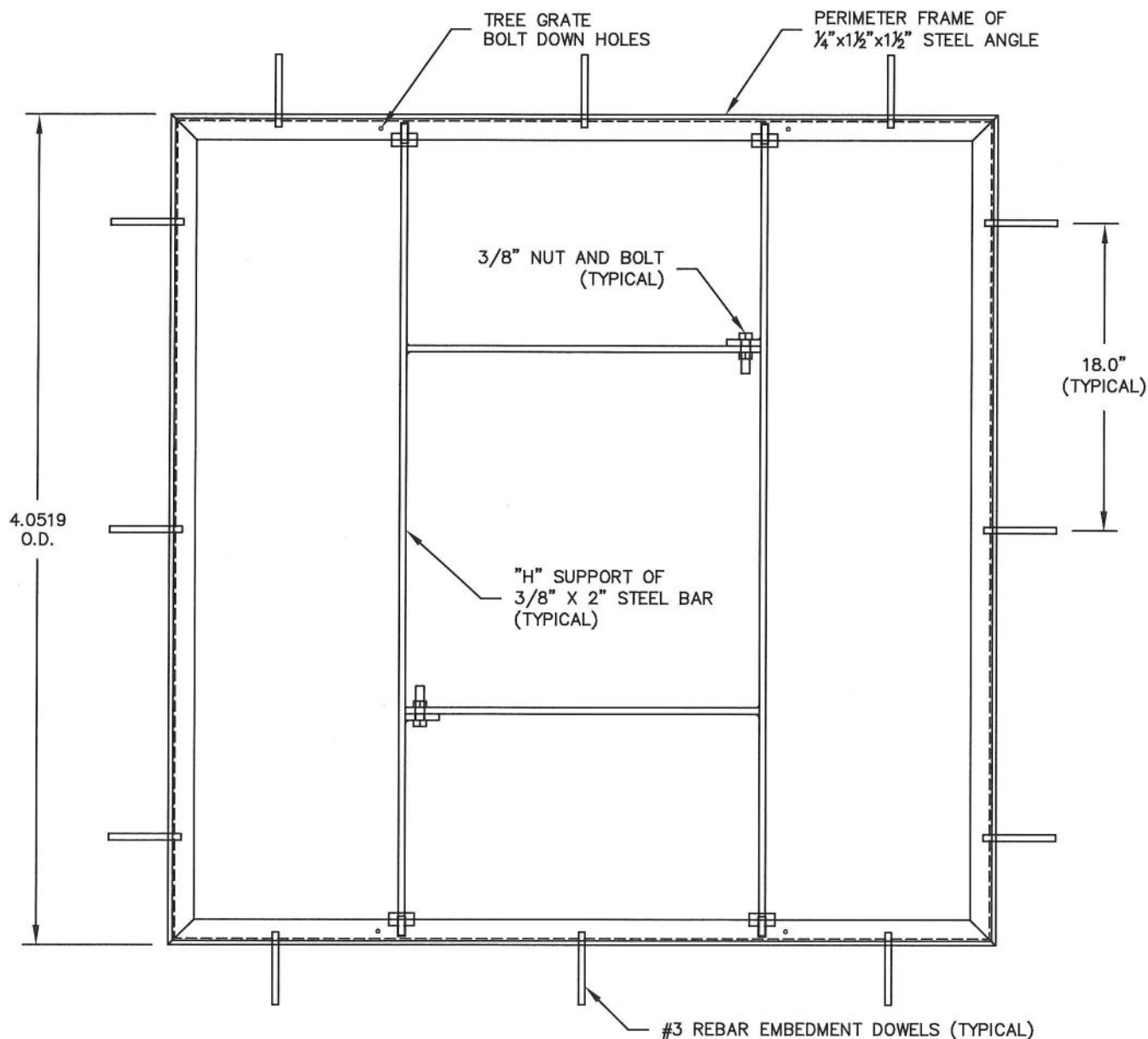
1. DETERMINE THE CORRECT NUMBER OF PANELS TO BE USED. DEPENDING UPON THE ACTUAL PLANTING PLAN AND THE NUMBER OF TREES INVOLVED THE LENGTH OF LINEAR BARRIER WILL VARY, BUT AS A GENERAL RULE OF THUMB TAKE THE ANTICIPATED MATURE CANOPY DIAMETER OF THE TREE AND ADD 2 FEET (61CM). THIS WILL BE THE NUMBER OF FEET NECESSARY FOR A LINEAR STYLE PLANTING APPLICATION. (SEE CHART BELOW.)
2. CHOOSE THE BARRIER THAT BEST SUITS THE APPLICATION. GENERALLY IF A SIDEWALK, PATIO OR DRIVEWAY IS TO BE PROTECTED, 18" IS SUFFICIENT DEPTH, WITH 12" AS AN ALTERNATE CHOICE FOR NON-AGGRESSIVE, DEEPER ROOTING TREES. HOWEVER FOR CURB AND GUTTER PROTECTION OR MORE AGGRESSIVE ROOTS 24" IS GENERALLY THE BETTER CHOICE.
3. DIG THE TRENCH TO THE DEPTH BASED UPON THE PARTICULAR BARRIER CHOSEN.
4. INSTALL THE BARRIER. WHEN USING DEEP ROOT LINEAR BARRIERS SIMPLY PULL THE APPROPRIATE NUMBER OF PANELS OUT OF THE BOX (THEY COME PRE-ASSEMBLED) AND SEPARATE THE JOINER AT THE CORRECT LENGTH. WHEN INSTALLING DEEP ROOT UNIVERSAL BARRIERS IN A LINEAR FASHION YOU WILL NEED TO JOIN THE APPROPRIATE NUMBER OF PANELS TOGETHER.
5. NEXT PLACE THE BARRIER IN THE TRENCH WITH THE VERTICAL RIBS FACING TOWARD THE TREE AND ALIGN IN A STRAIGHT FASHION. IT IS HELPFUL TO PLACE THE BARRIER AGAINST THE HARDSCAPE. USE THE HARDSCAPE AS A GUIDE AND BACKFILL AGAINST THE BARRIERS TO PROMOTE A CLEAN SMOOTH FIT TO THE HARDSCAPE. BE SURE TO KEEP THE BARRIER'S DOUBLE TOP EDGE AT LEAST 1/2" ABOVE GRADE TO ENSURE ROOTS DO NOT GROW OVER THE TOP.
6. PLANT THE TREE(S). THE LINEAR STYLE OFFERS A MORE EXPANSIVE ROOTING GROWTH AREA, HOWEVER ADVERSE SOIL AND DRAINAGE CONDITIONS MAY EXIST IN THE ACTUAL PLANTING AREA. TAKE STEPS TO ENSURE HEALTHY GROWTH OF THE TREE AT PLANTING. CONSULT WITH A LOCAL ARBORIST FOR PLANTING TIPS AND RECOMMENDATIONS.





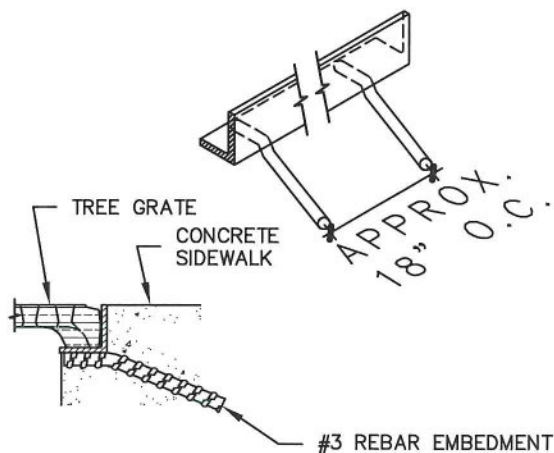
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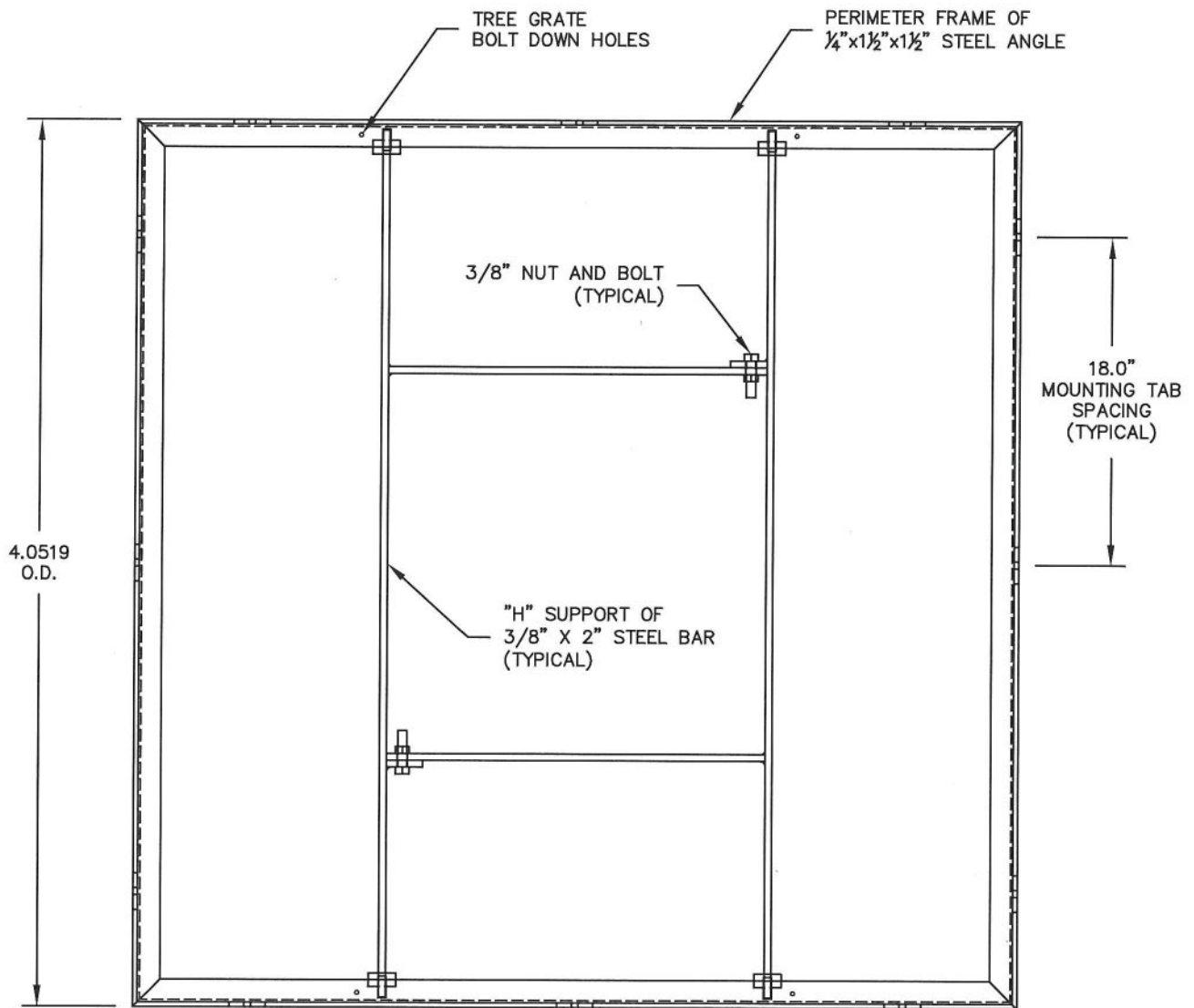
1. TREE GRATES SHALL BE INSTALLED AROUND TREES PLANTED WITHIN SIDEWALK AREAS.
2. MATERIAL: CAST IRON WITH A NATURAL FINISH. MANUFACTURER: IRON AGE GRATES; INTERLAKEN 4' X 4' TREE GRATE.
3. CAST IN 4 PIECES, 1" THICK, NO OPENINGS GREATER THAN 1/2", BREAK-OUT RINGS TO 20" DIAMETER
4. GRATE SHALL BE SET IN A TYPE "E" EMBEDMENT OR TYPE "R" RETROFIT PERIMETER FRAME. EMBEDMENT FRAME SHALL BE CAST INTO THE SURROUNDING CEMENT CONCRETE SIDEWALK WHEN POURED, AND SET FLUSH TO SURROUNDING GRADE. A RETROFIT PERIMETER FRAME SHALL BE SET FLUSH AND ANCHORED TO THE SURROUNDING SIDEWALK WITH 1/2" DIA. CONCRETE ANCHORS.
5. TYPE "E" PERIMETER EMBEDMENT FRAME: MILD STEEL WITH NATURAL FINISH, DESIGNED TO FIT 4' X 4' WITH #3 REBAR EMBEDMENT. MANUFACTURER: IRON AGE GRATES.
6. TYPE "R" OR "IR" PERIMETER RETROFIT FRAME: MILD STEEL WITH NATURAL FINISH, DESIGNED TO FIT 4' X 4' WITH 1/2" DIA. CONCRETE ANCHORS. MANUFACTURER: IRON AGE GRATES.



NOTES:

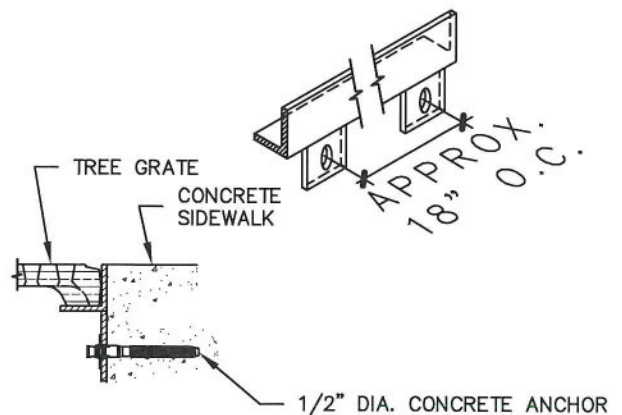
1. GRATE SHALL BE SET IN A TYPE "E" EMBEDMENT PERIMETER FRAME CAST INTO THE SURROUNDING CEMENT CONCRETE SIDEWALK WHEN POURED, AND SET FLUSH TO SURROUNDING GRADE.
2. TYPE "E" PERIMETER EMBEDMENT FRAME: MILD STEEL WITH NATURAL FINISH, DESIGNED TO FIT 4' X 4' WITH #3 REBAR EMBEDMENT. MANUFACTURER: IRON AGE GRATES.
3. PERIMETER FRAME SHALL HAVE AN "H" SUPPORT BRACKET INSTALLED IN THE FRAME TO SUPPORT THE TREE GRATE AROUND THE TREE OPENING.





NOTES:

1. GRATE SHALL BE SET IN A TYPE "R" RETROFIT PERIMETER FRAME AND SHALL BE ANCHORED TO THE SURROUNDING SIDEWALK WITH $\frac{1}{2}$ " DIA. CONCRETE ANCHORS.
2. TYPE "R" OR PERIMETER RETROFIT FRAME: MILD STEEL WITH NATURAL FINISH, DESIGNED TO FIT 4' X 4' WITH $\frac{1}{2}$ " DIA. CONCRETE ANCHORS. MANUFACTURER: IRON AGE GRATES.
3. PERIMETER FRAME SHALL HAVE AN "H" SUPPORT BRACKET INSTALLED IN THE FRAME TO SUPPORT THE TREE GRATE AROUND THE TREE OPENING.



APPENDIX IV: LEAD SURVEY

Limited Lead Paint Survey Report

Owner/Operator Name:

Johnston Architects

Owner/Operator Number:

406-781-3462

Limited Survey Date:

October 7, 2024

Survey Address:

625 NE 4th Ave, Camas, WA 98607

Survey Location:

Interior & Exterior From Different Locations. See Lead Results Attachment.

What is the building's description?

Commercial / Public Library

What is this structure's current use?

Public Library

What is this structure's past use?

Public Library

Building Square Footage:

Unk.

Number of Floors:

2

Area Surveyed:

Interior & Exterior From Different Locations. See Lead Results Attachment.

Approximate Build Date:

Unk.

Purpose of the Survey:

Renovation

Scope: Atlas Labs Inc. has performed lead paint testing to aid in the renovation of the Commercial / Public Library. The purpose of this survey is to determine the presence of any building components containing lead-based paint in the areas being impacted.

A total of fifty-eight (58) locations of representative building components were tested for the presence of leaded paint (including calibration checks). All surfaces (building components) tested were tested using an x-ray fluorescence (XRF) spectrum analyzer. The results of testing are reported in units of mg/cm². The US & EPA both define lead-based paint as: "any paint, varnish, shellac, or other coating that contains lead equal to or in excess of 1.0 mg/cm² as measured by XRF (or laboratory analysis) or 0.5 percent by weight by laboratory analysis".

Lead Paint Containing Building Material Identified During Survey:

**Please see the completed attached analysis report.*

POSITIVE XRF READINGS

The following table indicates lead based paint identified at the site.

Test #	Pb (Lead) mg/cm ²	Room/Location	Side (A/B/C/D)	Floor	Component
22	7	Nonfiction Room	B	1st	Baseboard
23	6.3	Nonfiction Room	D	1st	Baseboard
33	2.4	Exterior South Historic	A	1st	Door Wood Surrounding Left Side

***Note:** Some of the paint analyzed has paint with lead in it less than the 1.0 mg/cm² and is not considered lead based paint as defined by HUD & EPA.

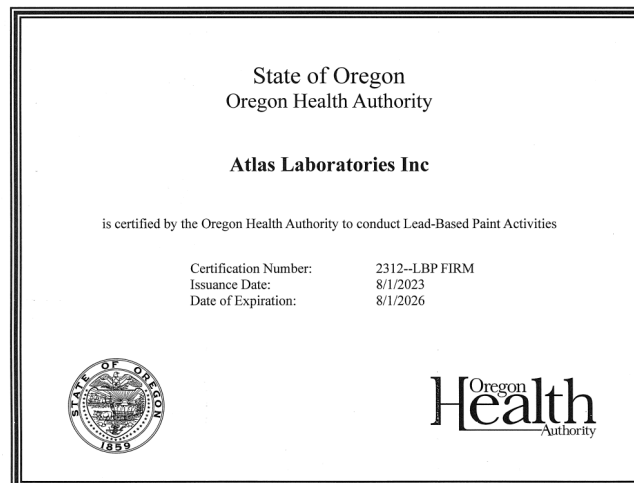
Recommended Response Action Plan:

Contract qualified and EPA lead-safe certified contractors for renovation work.

A copy of this survey report must be kept onsite during any remediation, renovation or demolition activities, as required by EPA.

Surveyed Performed By:

Jorge Camacho
Of
Atlas Labs Inc.
Environmental Testing Services
Jorge@atlaslabinc.com
(360) 953-0731
AHERA Cert #: 192797
CCB #: 231684



Date	Test #	Pass/Fail	Calibration	Pb mg/cm2	Pb P/F	Room/Location	Side	Floor	Component
10/7/2024 10:39	1	Pass	PCS Cal	1.1	Positive	N/A	N/A	N/A	N/A
10/7/2024 10:39	2	Pass	PCS Cal	1.1	Positive	N/A	N/A	N/A	N/A
10/7/2024 10:39	3	Pass	PCS Cal	1.1	Positive	N/A	N/A	N/A	N/A
10/7/2024 10:40	4	Pass	PCS Cal	1.1	Positive	N/A	N/A	N/A	N/A
10/7/2024 10:40	5		Lead Paint	0	Negative	Early Learning	A	1st	Wall
10/7/2024 10:41	6		Lead Paint	0	Negative	Early Learning	A	1st	Window
10/7/2024 10:41	7		Lead Paint	0	Negative	Early Learning	A	1st	Window Jamb
10/7/2024 10:41	8		Lead Paint	0	Negative	Early Learning	A	1st	Window Sill
10/7/2024 10:41	9		Lead Paint	0	Negative	Early Learning	A	1st	Baseboard
10/7/2024 10:42	10		Lead Paint	0	Negative	Early Learning Closet	D	1st	Door
10/7/2024 10:42	11		Lead Paint	0	Negative	Early Learning Closet	D	1st	Door Jamb
10/7/2024 10:42	12		Lead Paint	0	Negative	Early Learning Closet	D	1st	Door Trim
10/7/2024 10:43	13		Lead Paint	0	Negative	South Bathroom	B	1st	Wall
10/7/2024 10:43	14		Lead Paint	0	Negative	South Bathroom	N/A	1st	Ceiling Soffit
10/7/2024 10:44	15		Lead Paint	0	Negative	South Hallway	A	1st	Wall
10/7/2024 10:44	16		Lead Paint	0	Negative	South Hallway	N/A	1st	Ceiling Arc
10/7/2024 10:45	17		Lead Paint	0	Negative	South Hallway	A	1st	Baseboard
10/7/2024 10:46	18		Lead Paint	0	Negative	Studio	A	1st	Window
10/7/2024 10:46	19		Lead Paint	0	Negative	Studio	A	1st	Window Jamb
10/7/2024 10:47	20		Lead Paint	0	Negative	Studio	A	1st	Window Sill
10/7/2024 10:47	21		Lead Paint	0	Negative	Studio	A	1st	Baseboard
10/7/2024 10:51	22		Lead Paint	7	Positive	Nonfiction Room	B	1st	Baseboard
10/7/2024 10:51	23		Lead Paint	6.3	Positive	Nonfiction Room	D	1st	Baseboard
10/7/2024 10:52	24		Lead Paint	0	Negative	Nonfiction Room	A	1st	Wall
10/7/2024 10:53	25		Lead Paint	0	Negative	Nonfiction Room	C	1st	Wall
10/7/2024 11:00	26		Lead Paint	0	Negative	Exterior South	A	1st	Window
10/7/2024 11:01	27		Lead Paint	0	Negative	Exterior South	A	1st	Window Jamb
10/7/2024 11:01	28		Lead Paint	0	Negative	Exterior South	A	1st	Window Sill
10/7/2024 11:02	29		Lead Paint	0	Negative	Exterior South Historic	A	1st	Door
10/7/2024 11:02	30		Lead Paint	0	Negative	Exterior South Historic	A	1st	Door Jamb

10/7/2024 11:02	31	Lead Paint	0.6	Negative	Exterior South Historic	A	1st	Door Trim
10/7/2024 11:02	32	Lead Paint	0.7	Negative	Exterior South Historic	A	1st	Door Column Base
10/7/2024 11:02	33	Lead Paint	2.4	Positive	Exterior South Historic	A	1st	Door Wood Surrounding Left Side
10/7/2024 11:03	34	Lead Paint	0.4	Negative	Exterior South Historic	A	1st	Door Wood Surrounding Right Side
10/7/2024 11:06	35	Lead Paint	0.6	Negative	Exterior North Historic	C	1st	Door Wood Surrounding Right Side
10/7/2024 11:07	36	Lead Paint	0.8	Negative	Exterior North Historic	C	1st	Door Wood Surrounding Left Side
10/7/2024 11:07	37	Lead Paint	0	Negative	Exterior North Historic	C	1st	Door
10/7/2024 11:07	38	Lead Paint	0	Negative	Exterior North Historic	C	1st	Door Jamb
10/7/2024 11:07	39	Lead Paint	0	Negative	Exterior North Historic	C	1st	Door Trim Right Side
10/7/2024 11:07	40	Lead Paint	0.3	Negative	Exterior North Historic	C	1st	Door Trim Left Side
10/7/2024 11:08	41	Lead Paint	0	Negative	Exterior	C	1st	Window
10/7/2024 11:08	42	Lead Paint	0	Negative	Exterior	C	1st	Window Jamb
10/7/2024 11:08	43	Lead Paint	0.8	Negative	Exterior	C	1st	Window Sill
10/7/2024 11:09	44	Lead Paint	0	Negative	Exterior	C	1st	Window Trim
10/7/2024 11:12	45	Lead Paint	0	Negative	Interior North Historic	C	1st	Door
10/7/2024 11:12	46	Lead Paint	0	Negative	Interior North Historic	C	1st	Door Jamb
10/7/2024 11:16	47	Lead Paint	0	Negative	Meeting Room	C	2nd	Wall
10/7/2024 11:16	48	Lead Paint	0	Negative	Meeting Room	C	2nd	Window
10/7/2024 11:16	49	Lead Paint	0	Negative	Meeting Room	C	2nd	Window Jamb
10/7/2024 11:17	50	Lead Paint	0	Negative	Meeting Room	C	2nd	Window Sill
10/7/2024 11:17	51	Lead Paint	0	Negative	Meeting Room	C	2nd	Baseboard
10/7/2024 11:27	52	Lead Paint	0.2	Negative	Hallway	A	2nd	Window
10/7/2024 11:27	53	Lead Paint	0	Negative	Hallway	A	2nd	Window Jamb
10/7/2024 11:27	54	Lead Paint	0.2	Negative	Hallway	A	2nd	Window Sill
10/7/2024 11:32	55	Pass	1.1	Positive	N/A	N/A	N/A	N/A
10/7/2024 11:32	56	Pass	1.2	Positive	N/A	N/A	N/A	N/A
10/7/2024 11:32	57	Pass	1.1	Positive	N/A	N/A	N/A	N/A
10/7/2024 11:32	58	Pass	1	Positive	N/A	N/A	N/A	N/A

Performance Characteristic Sheet

EFFECTIVE DATE: February 1, 2022

MANUFACTURER AND MODEL:

Make: **SciAps**
 Models: **Model X-550**
 X-Ray Source: **Rhodium (Rh) or Gold (Au) Anode**

FIELD OPERATION GUIDANCE

ACTION LEVEL SETTING:

1.0 mg/cm²

OPERATING PARAMETERS:

Timed mode: fixed 10-second reading.

Quick mode: variable-time reading (approximately 2-6 seconds).

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm² (inclusive) on NIST SRM 2579 (1.02 mg/cm²)/NIST SRM 2573, or equivalent

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

Au Anode (quick) READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm²)
Results not corrected for substrate bias on any substrate	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0
Rh Anode (Timed or Quick), Au Anode (Timed) READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm²)
Results not corrected for substrate bias on any substrate	Brick	0.9
	Concrete	0.9
	Drywall	0.9
	Metal	0.9
	Plaster	0.9
	Wood	0.9

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*, 2012 Edition ("HUD Guidelines"). Performance parameters shown on this sheet are calculated using test results on building components in the HUD archive. Testing was conducted on 146 test samples in February 2022, with two separate instruments of each Anode type, operated in both Timed and Quick modes.

OPERATING PARAMETERS

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

XRF CALIBRATION CHECK:

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm² in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm² film; for NIST SRM 2579a, use film 2573 (1.04 mg/cm²)).

If the average (rounded to 1 decimal place) of three readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing.

Conduct XRF re-testing at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below. Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. In single-family and multi-family housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and the retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF readings.

Compute the average of all ten re-test XRF readings.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this

procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

The reading time in Archive tests was 10 seconds in Timed mode and from 2-6 seconds in Quick mode, for both the Rh Anode and Au Anode.

CLASSIFICATION OF RESULTS:

XRF results for the Au Anode in Quick mode are classified as **positive** if they are **greater than or equal** to 1.0 mg/cm² and **negative** if they are **less than** to 1.0 mg/cm². XRF results for the Au Anode in Timed mode and for the Rh Anode in Timed or Quick mode are classified as **positive** if they are **greater than or equal** to 0.9 mg/cm² and **negative** if they are **less than** to 0.9 mg/cm².

DOCUMENTATION:

A report titled *Methodology for XRF Performance Characteristic Sheets* (EPA 747-R-95-008) provides an explanation of the statistical methodology used to develop Performance Characteristic Sheets at the Federal standard (Action Level) of 1.0 mg/cm² and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. The report may be downloaded at <http://www2.epa.gov/lead/methodology-xrf-performance-characteristic-sheets-epa-747-r-95-008-september-1997>.

APPENDIX V: ASBESTOS SURVEY

Limited Asbestos Survey Report

Owner/Operator Name:

Johnston Architects

Owner/Operator Number:

406-781-3462

Limited Survey Date:

October 7, 2024

Survey Address:

625 NE 4th Ave, Camas, WA 98607

Survey Location:

Interior Early Learning Room, South Bathroom, South Hallway, Nonfiction Room, and 2nd Floor Meeting Room.

What is the building's description?

Commercial / Public Library

What is this structure's current use?

Public Library

What is this structure's past use?

Public Library

Building Square Footage:

Unk.

Number of Floors:

2

Area Surveyed:

Interior Early Learning Room Ceiling, Wall(s), and Floor. South Bathroom Ceiling Soffit(s), Wall(s), and Floor. South Hallway Floor. Nonfiction Room Floor. 2nd Floor Meeting Room Floor.

Approximate Build Date:

Unk.

Purpose of the Survey:

Renovation

Survey Limitations: Samples are collected based on a visual inspection of the work area as defined in the analysis report. Samples were collected from accessible, representative construction materials, which were suspected to contain asbestos. If additional materials are found during the demolition process that were inaccessible at time of inspection that are not listed in this report please have materials tested before they are impacted. Survey is subject to direction from contractor, homeowner or owners agent.

Asbestos Containing Building Material Identified During Survey: **Please see the completed attached analysis report.*

Sample #	Location	Asbestos Containing Material	Description (Color, Texture & Pattern)	Asbestos % & Asbestiform	Approx. Sq. Footage	Friable Y/N	Condition
N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D

Recommended Response Action Plan:**Contact a Licensed Abatement Contractor or SW Clean Air Agency**

Sw Clean Air Agency regulates the handling, removal and disposal of asbestos-containing material to protect public health and the environment.

<https://www.lni.wa.gov/licensing-permits/other-licenses-permits/asbestos-certification#certified-contractors-list> . For more information on asbestos removal, please refer to [SWCAA 476](#), specifically SWCAA 476-050. If you have any questions, please contact us at 360-574-3058



A copy of this survey report must be kept onsite during any remediation, renovation or demolition activities, as required by Southwest Clean Air Agency.

Surveyed Performed By:

Jorge Camacho
Of
Atlas Labs Inc.
Environmental Testing Services
Jorge@atlaslabinc.com
(360) 953-0731
AHERA Cert #: 192797
CCB #: 231684

Certificate of Completion

This is to certify that
Jorge Camacho
has satisfactorily completed
4 hours of refresher training as an
AHERA Building Inspector
to comply with the training requirements of
TSCA Title II, 40 CFR 763 (AHERA)
EPA Provider # 1085

192797
Certificate Number


Instructor: Ed Edinger

Mar 6, 2024 Expires in 1 year.
Date(s) of Training
Exam Score: N/A
(if applicable)



Atlas Laboratories Inc.
14795 SW 72nd Ave, STE B Portland, OR 97224
(503) 430-5290 www.atlaslabsinc.com
CCB #231684



Limited Survey Chain of Custody


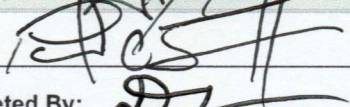

Name / Company Name: Johnston Architects		Phone: 406-781-3462
Contact Email: sburk@johnstonarchitects.com		
Project Name:		Batch: 22-1600301
Job/Project Address: 625 NE 4th Ave, Camas, WA 98607		
Inspector: Jorge Camacho Pichardo Ph: (360) 953-0731 AHERA Cert. #192797 Lead RRP Cert. #R-I-41R028-21-00048		
Survey Area Use: Commercial	Approx. Year Built: Unk	Reason for Survey: Renovation

<input type="checkbox"/>	Rush
<input type="checkbox"/>	Next Day
<input checked="" type="checkbox"/>	2-Day
<input type="checkbox"/>	5-Day

<input checked="" type="checkbox"/>	Asbestos PLM
<input type="checkbox"/>	Lead Paint
<input type="checkbox"/>	Other

#	Material Description	Friable Y/N	Location	Condition	Approx. SQ FT.
1-A	Ceiling Tile	N	Early Learning Room Ceiling	Good	322'
2-A	Plaster	Y	Early Learning Room Wall	Good	180'
2-B	Plaster	Y	Early Learning Room Wall	Good	-
2-C	Plaster	Y	Early Learning Room Wall	Good	-
3-A	Carpet Mastic	N	Early Learning Room Floor	Good	360'
4-A	Drywall	Y	South Bathroom Ceiling Soffit	Good	15'
4-B	Drywall	Y	South Bathroom Ceiling Soffit	Good	-
4-C	Drywall	Y	South Bathroom Ceiling Soffit	Good	-
5-A	Drywall	Y	South Bathroom Wall	Good	88'
5-B	Drywall	Y	South Bathroom Wall	Good	-

Notes: The plaster texture is homogeneous throughout the building. As well as the ceiling tile.

Inspector Signature: 	Date: 10-7-2024	Time: 12:15 PM
Accepted By: 	Date: 10/07/2024	Time: 12:38 PM
Lab Results Completed By: 	Date Sent Out: 10/07/2024	(Email) Mail

Limitations of Inspection: Atlas Labs Inc. AHERA certified inspector performed a limited survey at the site, date, time and cause as stated above in this document along with lab analysis of possible asbestos and/or lead containing material. Atlas Labs Inc. survey is limited to areas defined on the Chain of Custody form.

General NESHAPS Bulk Sampling Guidelines: Material sampling areas were grouped based on homogenous materials. A homogeneous area is one which contains material that seems by texture, color and surface wear to be uniform and applied during the same general time period. Samples are collected based on a visual survey of the work area as defined in this report. Samples were collected from accessible, representative construction materials, which were suspected to contain asbestos. If additional materials are found during the demolition process that were inaccessible at time of inspection that are not listed in this report please test before you cut. Survey is subject to direction from contractor, homeowner or owners agent.



Atlas Labs

[illegible]



Batch # 2022 *

22-1600301

Name / Company *

Johnston Architects

Analysis Date *

10/07/2024

Project Name

Project #

PO #

Analyst *

Dillon Lafever

Project Location *

625 NE 4th Ave, Camas,
WA 98607

Turnaround Time *

2-Day

Asbestos Analysis of Bulk Material by Polarized Light Microscopy

Sample*	Layer*	Description*	Non Asbestos*	Asbestos Type*	Asbestos %*
1-A	1	Ceiling Tile (Yellow) - Early Learning Room Ceiling	Fiberglass	None Present	N/D
1-A	2	Skim Coat (White) - Early Learning Room Ceiling	Cellulose	None Present	N/D
2-A	1	Plaster (Grey) - Early Learning Room Wall	Cellulose	None Present	N/D
2-A	2	Skim Coat (Green) - Early Learning Room Wall	Cellulose	None Present	N/D
2-A	3	Skim Coat (White) - Early Learning Room Wall	Cellulose	None Present	N/D
2-A	4	Texture (White) - Early Learning Room Wall	Cellulose	None Present	N/D
2-B	1	Plaster (Grey) - Early Learning Room Wall	Cellulose	None Present	N/D
2-B	2	Skim Coat (Green) - Early Learning Room Wall	Cellulose	None Present	N/D
2-B	3	Skim Coat (White) - Early Learning Room Wall	Cellulose	None Present	N/D
2-B	4	Texture (White) - Early Learning Room Wall	Cellulose	None Present	N/D

Sample*	Layer*	Description*	Non Asbestos*	Asbestos Type*	Asbestos %*
2-C	1	Plaster (Grey) - Early Learning Room Wall	Cellulose	None Present	N/D
2-C	2	Skim Coat (Green) - Early Learning Room Wall	Cellulose	None Present	N/D
2-C	3	Skim Coat (White) - Early Learning Room Wall	Cellulose	None Present	N/D
2-C	4	Texture (White) - Early Learning Room Wall	Cellulose	None Present	N/D
3-A	1	Carpet Mastic (Yellow) - Early Learning Room Floor	Cellulose	None Present	N/D
3-A	2	Leveling Compound (Grey) - Early Learning Room Floor	Cellulose	None Present	N/D
4-A	1	Drywall (Grey) - South Bathroom Ceiling Soffit	Cellulose / Fiberglass	None Present	N/D
4-A	2	Texture (White) - South Bathroom Ceiling Soffit	Cellulose	None Present	N/D
4-A	3	Joint Compound (White) - South Bathroom Ceiling Soffit	Cellulose	None Present	N/D
4-B	1	Drywall (Grey) - South Bathroom Ceiling Soffit	Cellulose / Fiberglass	None Present	N/D
4-B	2	Texture (White) - South Bathroom Ceiling Soffit	Cellulose	None Present	N/D
4-B	3	Joint Compound (White) - South Bathroom Ceiling Soffit	Cellulose	None Present	N/D
4-C	1	Drywall (Grey) - South Bathroom Ceiling Soffit	Cellulose / Fiberglass	None Present	N/D
4-C	2	Texture (White) - South Bathroom Ceiling Soffit	Cellulose	None Present	N/D
4-C	3	Joint Compound (White) - South Bathroom Ceiling Soffit	Cellulose	None Present	N/D
5-A	1	Drywall (Grey) - South Bathroom Wall	Cellulose / Fiberglass	None Present	N/D
5-A	2	Texture (White) - South Bathroom Wall	Cellulose	None Present	N/D
5-A	3	Joint Compound (White) - South Bathroom Wall	Cellulose	None Present	N/D
5-B	1	Drywall (Grey) - South Bathroom Wall	Cellulose / Fiberglass	None Present	N/D
5-B	2	Texture (White) - South Bathroom Wall	Cellulose	None Present	N/D
5-B	3	Joint Compound (White) - South Bathroom Wall	Cellulose	None Present	N/D
5-C	1	Drywall (Grey) - South Bathroom Wall	Cellulose / Fiberglass	None Present	N/D
5-C	2	Texture (White) - South Bathroom Wall	Cellulose	None Present	N/D
5-C	3	Joint Compound (White) - South Bathroom Wall	Cellulose	None Present	N/D

Sample*	Layer*	Description*	Non Asbestos*	Asbestos Type*	Asbestos %*
6-A	1	Tile (White / Grey) - South Bathroom Floor	None Present	None Present	N/D
6-A	2	Mortar (Grey) - South Bathroom Floor	Cellulose	None Present	N/D
6-A	3	Grout (Grey) - South Bathroom Floor	Cellulose	None Present	N/D
7-A	1	Carpet Mastic (Yellow) - South Hallway Floor	Cellulose	None Present	N/D
7-A	2	Carpet Mastic (White) - South Hallway Floor	Cellulose	None Present	N/D
8-A	1	Cork Flooring (Tan / Brown) - Nonfiction Room Floor	Cellulose	None Present	N/D
8-A	2	Mastic (Clear / Yellow) - Nonfiction Room Floor	Cellulose	None Present	N/D
8-A	3	Leveling Compound (Grey) - Nonfiction Room Floor	Cellulose	None Present	N/D
9-A	1	Carpet Mastic (Yellow) - 2nd Floor Meeting Room Floor	Cellulose	None Present	N/D
9-A	2	Leveling Compound (Grey) - 2nd Floor Meeting Room Floor	Cellulose	None Present	N/D

To Be Filled by the Technician
Technician *



Atlas Laboratories maintains liability to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full without written permission by Atlas. Atlas bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval or endorsement by NVLAP, NIST, NIOSH or any other agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore Atlas recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Transmission Electron Microscopy asbestos identification and lead paint analysis will be available and performed by laboratories by proxy. Original analysis documents are available upon request of the client.



Pre-Bid Meeting Camas Library Building Improvements

September 20, 2024 10:00am
Meeting at the Camas Library
625 NE 4th Ave. Camas, WA – South Building Steps on NE 4th Ave

Name	Representing	Phone No. & Email
Erica Cheek	Skyward Construction	760-691-6324 bids@skyward.biz
David Bridgman	First Cascade Corp	NickC@firstcascade.com
Brendan Drake	Cedar Mill Construction	Brendan@cedarmillcc.com
Phil Hadaway	STONER ELECTRIC	phil.hadaway@stongroup.com
John Hartman	TRUEBECK CONSTRUCTION	JOHN.HARTMAN@TRUEBECK.COM 971-888-3508
April Termini	Christensen Inc.	360-709-0330 Bids@cincgc.com
Jared Lamb	Kirby Nagelhout Construction	541-389-7119 Bids@KirbyNagelhout.com
CODY CLARK	YC	503 341 4001 CODYC@VORKEANDCURTIS.COM
KATIE DIBARTOLO	YC	
Cliff de Hoog	CREATIVE CONTRACTING INC	503-407-1447 bids@ccitrans.com
Eric Ross	Ross Builders NW	bids@rossbuildersnw.com 503-430-0316
JAMES HODGES	CITY OF CAMAS	-



Pre-Bid Meeting Camas Library Building Improvements

September 20, 2024 10:00am
Meeting at the Camas Library
625 NE 4th Ave. Camas, WA – South Building Steps on NE 4th Ave

Name	Representing	Phone No. & Email
Richard Brainard	Norkote	Richard@Norkote.com
Ken Tapani	capture con.	kenny@captureeng.com
Jason Birkes	M&C Construction	Jason.Birkes@MandCconstructionLLC.com
Haley Erickson	Construction Services Group, Inc.	haley@csg-pnw.com 360-910-5437
Elroy Klemetsen	Net Compliance	ElroyK@Net-Compliance.com demo-sub
Raulo Saeudo	Net Compliance	
ALEX SCHMIDT	DISTRICT PAINTING CO.	541-740-4070 ALEX@DISTRICTPAINTINGCO.COM



Pre-Bid Meeting Camas Library Building Improvements

October 4, 2024 10:00am
Meeting at the Camas Library
625 NE 4th Ave. Camas, WA – South Building Steps on NE 4th Ave

Name	Representing	Phone No. & Email
Jessie Reeves	JH Kelly	3604335154 jreeves@JH Kelly.com
Vernon Nielsen	Unitus Services, LLC	360-229-5840 Bids@unitus-services.com
PATRICK FEYFANT	IRS ENVIRONMENTAL	503-693-6388 patrick@irsenvironmental.com
Joe Adesida	Merit Contractor of Oregon Inc	503-282-0338 meritservices@yahoo.com
BYCE NISKANEN	BCN CONSTRUCTION	425-350-3148 BCNCONSTRUCTIONOFFICE@GMAIL.COM
OCTAVIAN LAWRENCE	HURLEY CONSTRUCTION	360 947-4846 OCTAVIAN@HURLEYCONSTRUCTION.COM
Mike Lipk	MJ Electrical INC	360-608-5510 mike@mjelectricalinc.com
GARY Smith	GR Smith Construction	503-803-5029 GARY@GRSmithConstruction.com
Roger Starch	Temporary Wall Systems	(971) 319-9857 roger.starch@tempwallsystems.com
Will Wheeler	North Star	503 496 8155 wwheeler@northstar.com
Kelly McGinness	Endres Northwest, Inc.	503-557-1700 kellymcginness@endresnw.com