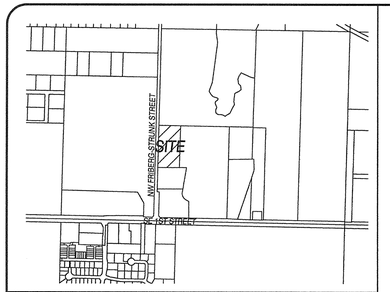
EXHIBIT 4
CUP17-03



VICINITY MAP SEC. 29 T2N R3E W.M.
NTS

EXISTING CONDITIONS NOTES

EXISTING SITE DATA:

PRESENT USE:	VACANT AND UNUSED
EXISTING ZONING:	COMMUNITY COMMERCIAL (CC)
GROSS SITE AREA:	PARCEL 176190000 IS 3.62 ACRES ACCORDING TO SURVEY BY OLSON ENGINEERING, INC.

EXISTING IMPROVEMENTS NOTES:

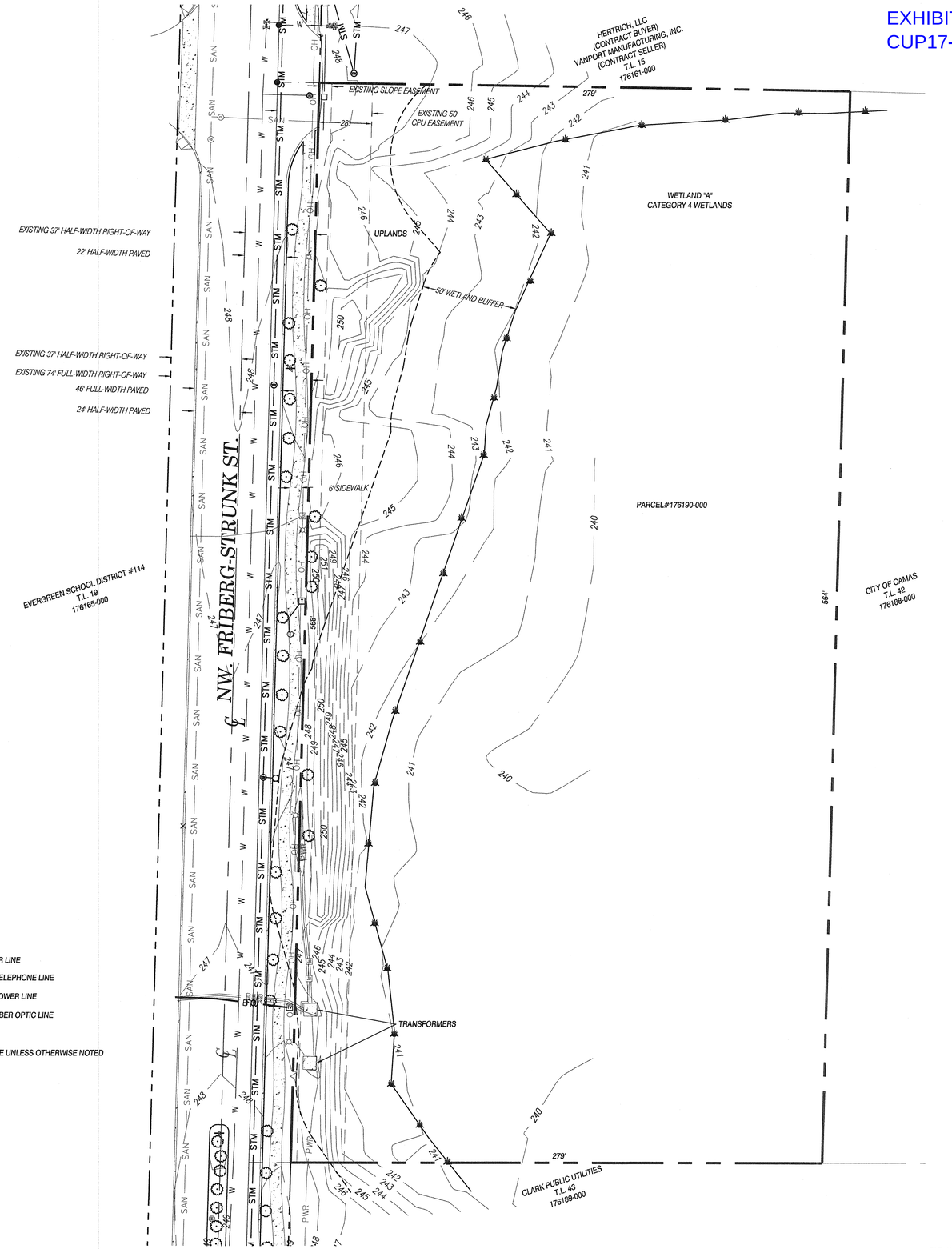
EXISTING STRUCTURES:	NONE
EXISTING DRIVEWAYS:	AS SHOWN
EXISTING EASEMENTS:	AS SHOWN

ENVIRONMENTAL & SIGNIFICANT NATURAL CONDITIONS NOTES:

TOPOGRAPHY:	AS SHOWN
WATERCOURSES AND DRAINAGE PATTERNS:	NO MAPPING INDICATORS
100 YEAR FLOODPLAIN:	NO MAPPING INDICATORS
DESIGNATED SHORELINES AREAS:	NO MAPPING INDICATORS
WATER BODIES AND KNOWN WETLANDS:	AS SHOWN
WETLAND DELINEATION:	AS SHOWN
UNSTABLE GROUND, LANDSLIDE HAZARD AREAS & AREAS HAVING SEVERE EROSION POTENTIAL:	NO MAPPING INDICATORS
AREAS HAVING WEAK FOUNDATIONAL SOILS:	NO MAPPING INDICATORS
SLOPES EXCEEDING 15%:	NONE
SIGNIFICANT VEGETATION OR WILDLIFE HABITAT:	NO MAPPING INDICATORS
SIGNIFICANT HISTORIC, CULTURAL OR ARCHAEOLOGICAL RESOURCES:	NONE KNOWN

NOTES:

THE SITE ADDRESS IS: 6250 NW FRIBERG-STRUNK STREET, CAMAS, WA 98607.
THE WETLANDS SHOWN ON THIS SURVEY WERE DELINEATED BY CASCADIA ECOLOGICAL SERVICES, INC. DURING JUNE 2016. REFER TO THE WETLAND DELINEATION REPORT BY CASCADIA ECOLOGICAL SERVICES, INC. DATED JUNE 14, 2016. FOR MORE INFORMATION ON WETLANDS AND BUFFERS.
THE LOCATION OF EXISTING UTILITY FACILITIES HAS NOT BEEN RESEARCHED. UNDERGROUND UTILITIES SHOWN HEREON ARE FROM TIES TO UTILITY PAINT MARKS MADE IN RESPONSE TO "ONE-CALL CONCEPTS" UTILITY NOTIFICATION TICKET NO. 16189924. THE SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE DELINEATION OF SUCH UNDERGROUND UTILITIES BY THE RESPECTIVE UTILITY OWNERS, NOR THE EXISTENCE OF BURIED OBJECTS WHICH ARE NOT SHOWN ON THIS PLAN.
THIS SURVEY REFLECTS INFORMATION SHOWN ON ALTA COMMITMENT FOR TITLE INSURANCE ISSUED BY FIDELITY NATIONAL TITLE COMPANY, ORDER NO: 612836814, DATED APRIL 21, 2016 AT 8:00 AM.
FIELD WORK BY OLSON ENGINEERING, INC. FOR THIS SURVEY WAS PERFORMED IN JUNE 2016.



LEGEND

	LINES	DESCRIPTION	LINES	DESCRIPTION
POWER POLE		PROPERTY LINE	OH OH	OVERHEAD POWER LINE
GUY ANCHOR		ADJACENT TAX LOT	TEL TEL	UNDERGROUND TELEPHONE LINE
POWER J-BOX		EXISTING EASEMENT	PWR PWR	UNDERGROUND POWER LINE
STORM MANHOLE		RIGHT-OF-WAY	FO FO	UNDERGROUND FIBER OPTIC LINE
(D.W.) STORM DRYWELL	245	CONTOURS		TRANSFORMER
(C.I.) STORM CURB INLET		WETLANDS		2" HORNBEAM TREE UNLESS OTHERWISE NOTED
CLEANOUT		WETLAND BUFFER		
SANITARY AARV MANHOLE	℄	ROAD CENTERLINE		
WATER VALVE	STM STM	STORM SEWER LINE		
WATER METER	SAN SAN	SANITARY SEWER LINE		
WATER BLOW OFF	W W	WATER LINE		
WATER MANHOLE	BTV BTV	UNDERGROUND CABLE TV LINE		
SIGN AS NOTED				
TELEPHONE VAULT				
TELEPHONE RISER				
CABLE/TV RISER				

APPLICANT:
UNION STORAGE, LLC
23801 NE 42ND COURT
RIDGEFIELD, WA 98642
(360) 787-3465
tstrassenberg@msn.com

OWNER:
UNION STORAGE, LLC
200 SE 197TH PLACE
CAMAS, WA 98607

CONTACT:
OLSON ENGINEERING, INC.
ATTN: GAYLE GERKE
222 E. EVERGREEN BLVD.
VANCOUVER, WA 98660
(360) 695-1385
FAX (360) 695-8117
gayleg@olsonengr.com

GRAPHIC SCALE
0 30 60 120
(IN FEET)
1 inch = 30 ft.

FILE: J:\Data\9000\9400\9410\9417\Planning\9417.p.prelim.extg.cond.dwg
PLOT: consultant3.ctb

EXISTING CONDITIONS PLAN AND TREE SURVEY FOR:
UNION SELF-STORAGE

OLSON ENGINEERING INC.
LAND SURVEYORS
ENGINEERS
360-695-1385
503-289-9936
222 E. EVERGREEN BLVD., VANCOUVER, WA 98660

KURT F. STONEX
STATE OF WASHINGTON
26352
REGISTERED
PROFESSIONAL LAND SURVEYOR
3/29/17

CHANGES / REVISIONS

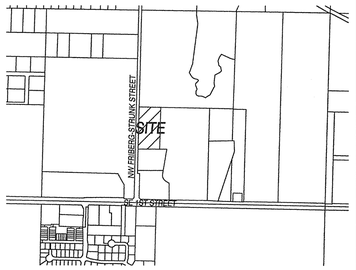
DESCRIPTION:	DATE:

DESIGNED: N/A
DRAWN: JKT,GEG
CHECKED: KFS
DATE: MARCH 2017
SCALE: H: 1" = 30' V:

COPYRIGHT 2017, OLSON ENGINEERING, INC.

UNION SELF-STORAGE
JOB NO. 9417.01.01

SHEET
EX1



VICINITY MAP SEC. 29 T2N R3E W.M.
NTS

SITE PLAN NOTES

EXISTING SITE DATA:

PRESENT USE:	VACANT AND UNUSED
EXISTING ZONING:	COMMUNITY COMMERCIAL (CC)
GROSS SITE AREA:	PARCEL 176190000 IS 3.62 ACRES ACCORDING TO SURVEY BY OLSON ENGINEERING, INC.

PROPOSED SITE DATA:

PROPOSED USE:	60,100 SF MINI-STORAGE BUILDING WITH SELF STORAGE, OFFICE, CARETAKER'S RESIDENCE, AND RV STORAGE
WETLAND, STREAM, STEEP BANK BUFFER AREAS/PROTECTED AREAS, AND PLANNED ENHANCEMENT AREAS:	AS SHOWN, SEE NOTE #1
PROPOSED PRIVATE ROADS:	NONE PROPOSED
PROPOSED EASEMENTS:	AS SHOWN
PROPOSED ON-SITE ROAD RIGHTS-OF-WAY:	AS SHOWN
PROPOSED PEDESTRIAN AND BICYCLE FACILITIES:	AS SHOWN
PROPOSED EASEMENTS FOR ACCESS, DRAINAGE, UTILITIES, ETC:	AS SHOWN
PROPOSED VEHICLE PARKING:	AS SHOWN, REFER TO NARRATIVE FOR MORE INFORMATION
PROPOSED BICYCLE PARKING:	NONE PROPOSED
PROPOSED LOADING ZONES:	NONE PROPOSED
PROPOSED SEPTIC SYSTEMS:	NONE PROPOSED
PROPOSED OPEN SPACE/PARK/RECREATIONAL FEATURES:	AS SHOWN
PROPOSED TRANSIT FACILITIES:	NONE PROPOSED
PROPOSED SIGNS:	NONE PROPOSED AT THIS TIME
PROPOSED LIGHTING:	SEE NOTE #2
PROPOSED LOTS, TRACTS, ETC:	NONE PROPOSED AT THIS TIME
EXISTING BUILDINGS TO REMAIN:	NONE
PROPOSED LANDSCAPING	REFER TO PRELIMINARY LANDSCAPE PLAN
PROPOSED BUILDINGS:	AS SHOWN

1. REFER TO THE WETLAND DELINEATION REPORT DATED JUNE 14, 2016 AND CRITICAL AREAS REPORT DATED FEBRUARY 16, 2017 BY CASCADIA ECOLOGICAL SERVICES, INC. FOR MORE INFORMATION ON WETLANDS, BUFFERS AND PLANNED ENHANCEMENT AREAS.

2. EXTERIOR LIGHTS SHALL BE SHIELDED AND DIRECTED TO PREVENT OFF-SITE GLARE.

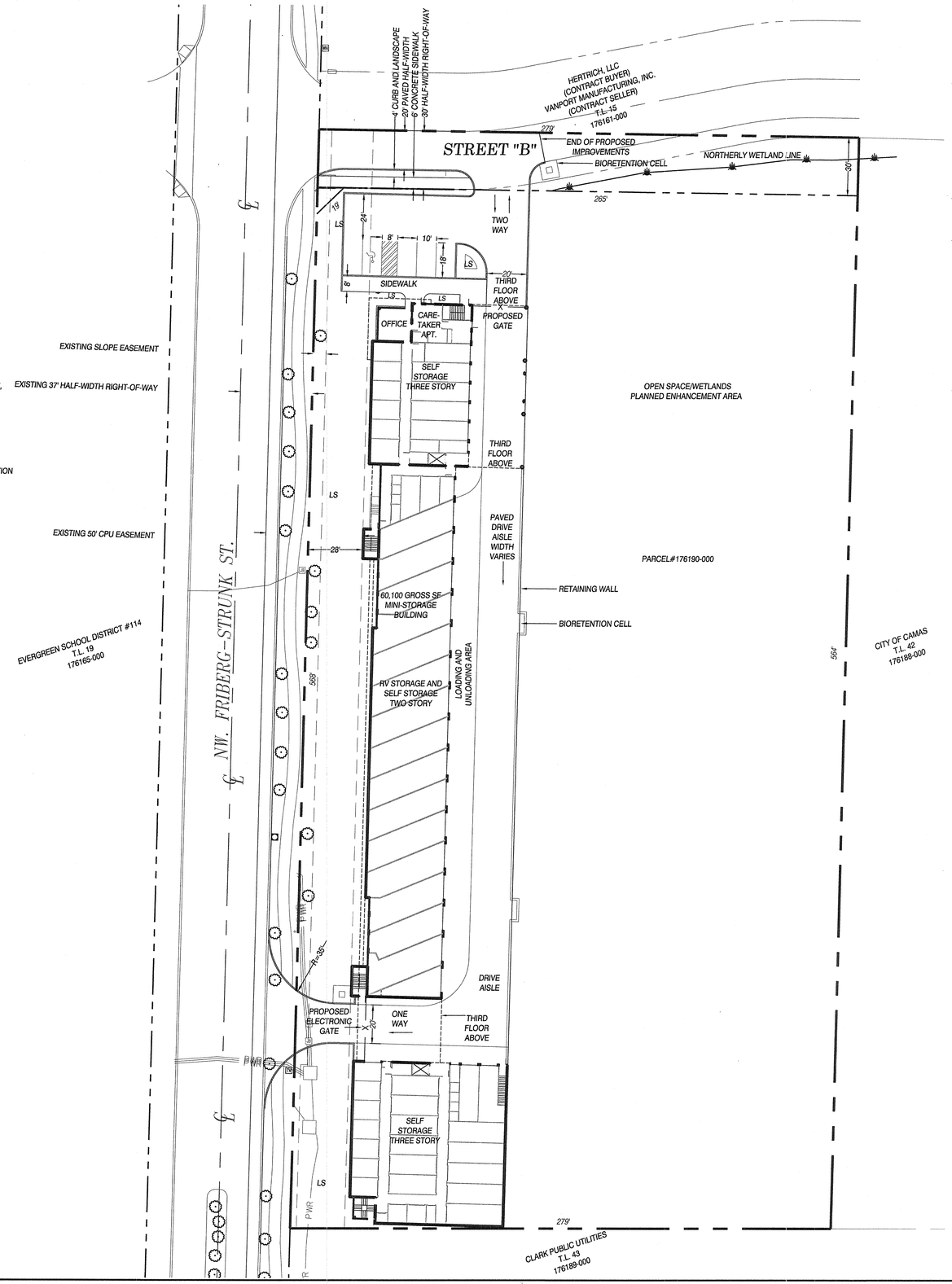
3. IF ANY CULTURAL RESOURCES AND/OR HUMAN REMAINS ARE DISCOVERED IN THE COURSE OF UNDERTAKING THE DEVELOPMENT ACTIVITY, THE DEPARTMENT OF ARCHAEOLOGY AND HISTORIC PRESERVATION IN OLYMPIA SHALL BE NOTIFIED. FAILURE TO COMPLY WITH THESE STATE REQUIREMENTS MAY CONSTITUTE A CLASS C FELONY, SUBJECT TO IMPRISONMENT AND/OR FINES.

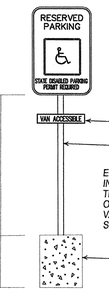
4. REFER TO THE PRELIMINARY DEVELOPMENT PLAN FOR MORE INFORMATION ON PROPOSED UTILITIES AND PROPOSED BIORETENTION CELLS FOR STORMWATER TREATMENT.

LEGEND

LINES	DESCRIPTION
	PROPOSED BUILDING
	ROAD CENTERLINE
	EXISTING EASEMENT
	ADJACENT TAXLOT
	SIDEWALK
—x—x—x—	PROPOSED FENCE
	ROAD RIGHT-OF-WAY
	PROPERTY LINE
	PARKING LOT CURB
☼	LIGHT
-	SIGN
LS	PROPOSED LANDSCAPE

SITE PLAN BASED ON LAYOUT PROVIDED BY PLANNING SOLUTIONS, INC.





1) HANDICAPPED SIGN SHALL BE 70 SQ.IN.(MIN) PORCELAIN ON STEEL.

2) BEADED TEXT OR EQUAL DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AND TEXT STATING "STATE DISABLED PARKING PERMIT REQUIRED".

3) SIGN PROVIDED BY CONTRACTOR.

VAN PARKING (WHERE REQUIRED)

2" (ID) STANDARD GALVANIZED PIPE

EVERY ACCESSIBLE PARKING SPACE WILL BE IDENTIFIED BY A SIGN, LOCATED AT 60 INCHES TO THE BOTTOM OF THE SIGN ABOVE THE PARKING SURFACE, LOCATED AT THE HEAD OF THE PARKING SPACE. THE SIGN SHALL INCLUDE INTERNATIONAL SYMBOL OF ACCESS AND THE PHRASE "STATE DISABLED PARKING PERMIT REQUIRED". VAN ACCESSIBLE SPACES SHALL HAVE AN ADDITIONAL SIGN IDENTIFYING THE SPACES AS "VAN ACCESSIBLE" WAC 51-20-3107(C).

18" DIAMETER POURED CONCRETE BASE

ADA AISLE WIDTHS SHALL BE 8' FOR VAN ACCESSIBLE AND 5' OTHERWISE. SLOPES SHALL BE LESS THAN 5%. THE INTERNATIONAL SYMBOL USED WITHIN A PARKING SPACE SHALL BE 'WHITE ON BLUE' BACKGROUND. SEE ENGINEERING PLANS FOR RAMP AND SYMBOL DETAILS.

NOT TO SCALE

APPLICANT:
UNION STORAGE, LLC
23801 NE 42ND COURT
RIDGEFIELD, WA 98642
(360) 787-3465
tstrassenberg@msn.com

OWNER:
UNION STORAGE, LLC
200 SE 197TH PLACE
CAMAS, WA 98607

CONTACT:
OLSON ENGINEERING, INC.
ATTN: GAYLE GERKE
222 E. EVERGREEN BLVD.
VANCOUVER, WA 98660
(360) 695-1385
FAX (360) 695-8117
gayleg@olsonengr.com

GRAPHIC SCALE
0 15 30 60
(IN FEET)
1 inch = 30 ft.

FILE: J:\data\9000\9400\9410\9417\Planning\9417.p.prelim.siteplan.dwg
PLOT: consultant3.ctb

PRELIMINARY SITE PLAN AND CONDITIONAL USE PERMIT PLAN FOR:

UNION SELF-STORAGE

OLSON ENGINEERING INC.
LAND SURVEYORS
ENGINEERS
222 E. EVERGREEN BLVD., VANCOUVER, WA 98660
360-695-1385
503-289-9598

KURT F. STONEX
STATE OF WASHINGTON
28632
REGISTERED PROFESSIONAL ENGINEER
3/29/17

CHANGES / REVISIONS

DESCRIPTION:	DATE:

DESIGNED: PLANNING SOLUTIONS, INC.
DRAWN: GEG
CHECKED: KFS
DATE: MARCH 2017
SCALE: H: 1" = 30'
V:

COPYRIGHT 2017, OLSON ENGINEERING, INC.

UNION SELF-STORAGE
JOB NO. 9417.01.01

SHEET
SP1

LANDSCAPE LEGEND

SYMBOL	COMMON NAME	SIZE/COND.	SPACING
TREES			
ER	Eastern Redbud 'Forest Pansy' Cercis canadensis 'Forest Pansy'	2" CAL.	As Shown
SHRUBS			
AW	Anthony Waterer Spiraea Spiraea x bumalda 'Anthony Waterer'	3 GAL.	3' O.C.
OG	Oregon Grape Mahonia aquifolium	3 GAL.	3' O.C.
RGB	Rose Glow Barberry Berberis thunbergii atropurpurea 'Rose Glow'	24"-30"	4' O.C.
SAR	Sarcococca Sarcococca ruscifolia	5 GAL.	4' O.C.
SB	Snowberry Symphoricarpos albus	2 GAL.	4' O.C.
SF	Sword Fern Polystichum munitum	1 GAL.	3' O.C.
GROUNDCOVER			
	Bearberry Cotoneaster Cotoneaster dammeri	1 GAL.	30" O.C.
	Fine Seeded/Sod Lawn Oregon Ryegrass Blend		
BIORETENTION FACILITY			
	Common Rush Juncus effusis	PLUGS	24" O.C.
	Compact Oregon Grape Mahonia aquifolium 'Compacta'	1 GAL.	3' O.C.
	Deer Fern Blechnum spicant	1 GAL.	24" O.C.
	Kelsey Dogwood Cornus sericea 'Kelseyi'	1 GAL.	3' O.C.
	Common Rush Juncus effusis	PLUGS	24" O.C.
	Kelsey Dogwood Cornus sericea 'Kelseyi'	1 GAL.	3' O.C.
	Small Fruited Bull Rush Cornus sericea 'Kelseyi'	PLUGS	18" O.C.
	Sword Fern Polystichum munitum	1 GAL.	3' O.C.
	Light		
	Sign		
	Existing Tree		
	Existing landscape area Maintain existing trees, shrubs and groundcovers		
	Bark/Mulch dressing area		

NOTES

1. Installation shall fully comply with all landscape code requirements and any City of Camas conditions of approval.
2. Irrigation shall be provided as required to ensure establishment and survivability of the required landscaping. (Irrigation shall be provided by a fully automatic underground system design/build by the landscape contractor).
3. All landscaping shall be installed in a sound workman-like manner, and according to accepted good planting procedures with quality plant materials.
4. The owner, or his agent, shall be responsible for the maintenance of all landscaping which shall be maintained in good condition so as to present a healthy, neat, and orderly appearance, and shall be kept free from refuse and debris.
5. All existing vegetation shall be removed from areas to receive construction activities.
6. There are no berms or fences proposed at this time.
7. The proposed stormwater facilities are surface water management features integrated with the landscape.
8. There are no active or passive recreational features proposed.
9. Plants shall be spaced as indicated above unless otherwise shown on the plan. If a discrepancy exists, the plan shall prevail.
10. Contractor shall verify species and quantities of all plant material prior to bid.
11. Install jute erosion control fabric on all slopes 2-1/2:1 and greater. Refer to Civil Engineering plans.
12. Prior to installation of topsoil, cross-rip at 18" o.c. or rototill subgrade to an 8"-12" depth.
13. Install minimum 12" depth on-site and/or imported topsoil in all shrub and groundcover planting areas, 6" in lawn areas. Amend topsoil with 2" minimum layer composted yard debris prior to installation of plant material. Imported topsoil shall be a sandy loam topsoil with a combined silt and clay content less than 20% and medium to very fine sand 60%-70% which shall be percentages by weight of those particles passing a 2mm screen. The remaining percentages shall be particles larger than medium to very fine sand (coarse or very coarse sand or gravel sized particles). All particles shall pass a 1/2" screen. All topsoil shall be free from subsoil, debris, turf, mushrooms, weeds or any other objectionable material. If subgrade is comprised of rock, rock fill or cement treated soil, remove subsoil from site and deposit topsoil to the following depths: 24" minimum depth in all planting areas. Allow no cross contamination of cement treated soil with placed topsoil.
14. On-site topsoil shall be defined as being a friable loam surface soil found at a depth, in its natural state, of less than 18 inches. Topsoil shall be free from subsoil, clay lumps larger than 2 inches, debris, turf, weeds, roots, contaminants or other objectionable material. Topsoil on-site meeting these specifications may be used.
15. Install minimum 2" bark mulch in all new landscape areas within 2 days of planting.
16. Prune/shape, remove dead wood, dangerous, branches, etc. of existing trees to remain. Remove debris, weeds, undesirable brush, etc.
17. Refer to the Critical Areas Report by Cascadia Ecological Services, Inc. for landscaping within wetland areas.
18. Refer to Civil Engineering plans for soil requirements for bioretention facilities.

APPLICANT/OWNER:
UNION STORAGE, LLC
23801 NE 42ND COURT
RIDGEFIELD, WA 98642
(360) 787-3465
tstrassenberg@msn.com

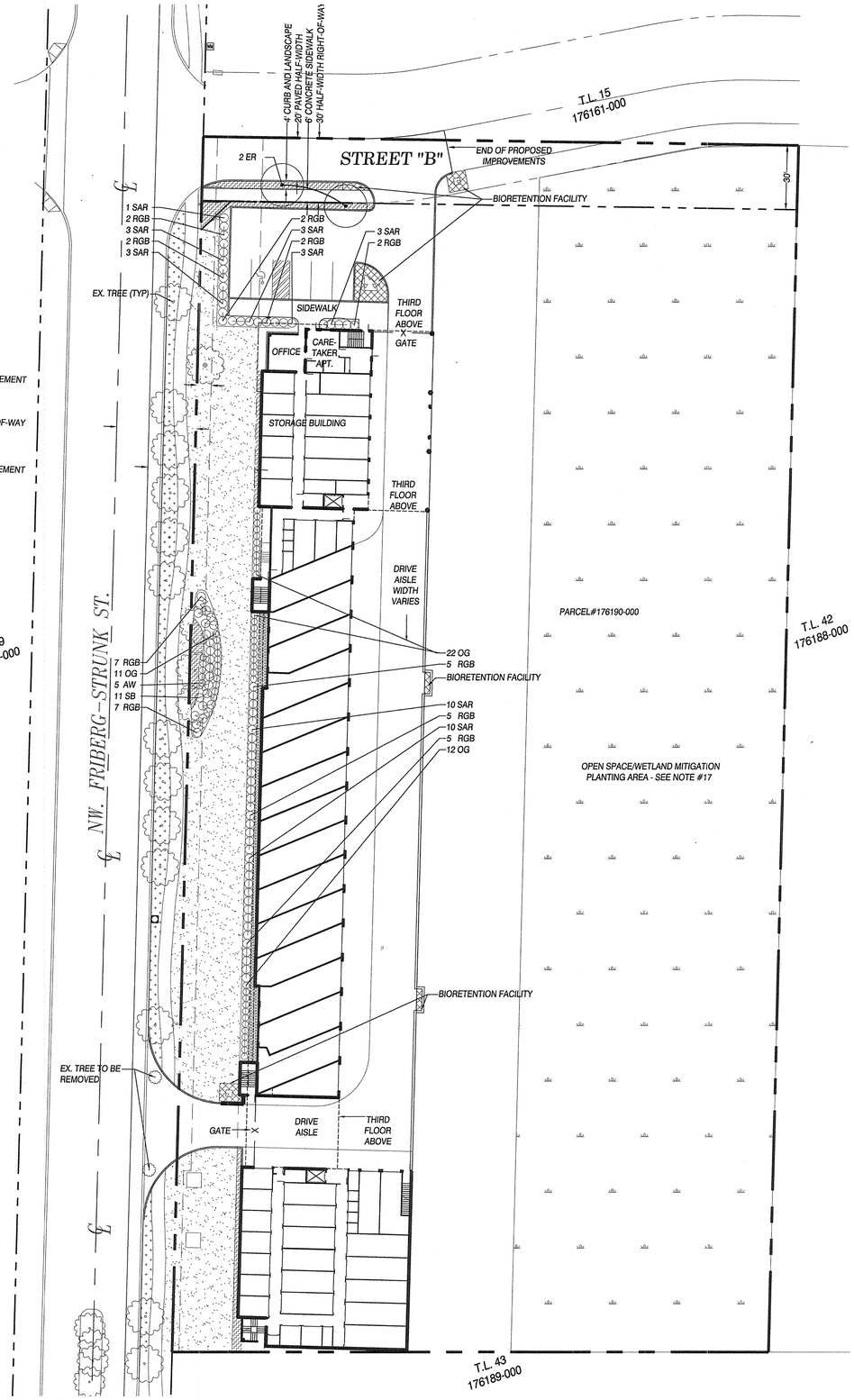
CONTACT:
OLSON ENGINEERING, INC.
ATTN: GAYLE GERKE
222 E. EVERGREEN BLVD.
VANCOUVER, WA 98660
(360) 695-1385
FAX (360) 695-8117
gayleg@olsonengr.com

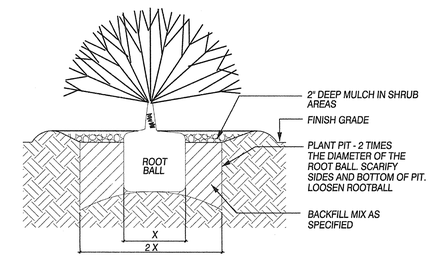
GRAPHIC SCALE

0 15 30 60

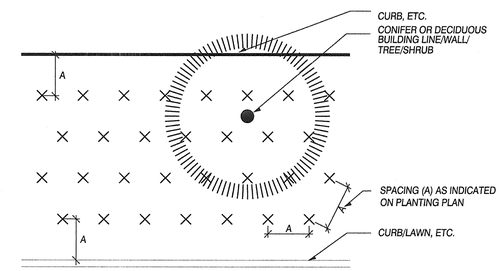
(IN FEET)
1 inch = 30 ft.

SITE PLAN BASED ON LAYOUT PROVIDED BY PLANNING SOLUTIONS, INC.

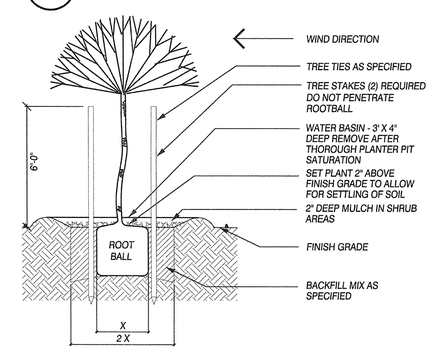




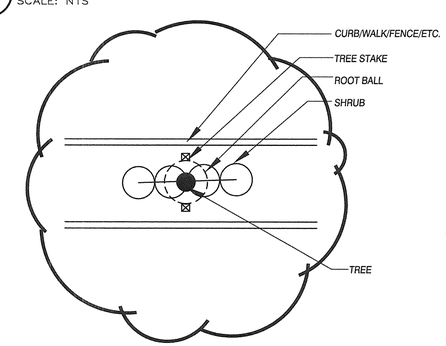
1 SHRUB/GROUNDCOVER PLANTING
SCALE: NTS



2 GROUNDCOVER PLANTING
SCALE: NTS



3 DECIDUOUS/CONIFER TREE PLANTING
SCALE: NTS



NOTE -- WHERE TREES ARE INDICATED IN SHRUB BED OR HEDGE, MAINTAIN SHRUB SPACING INDICATED. OFFSET TREE STAKES AS REQUIRED.

4 TREE STAKING DETAIL
SCALE: NTS

FILE: J:\data\9000\9400\9410\9417\Landscape\9417.p.prelim.landscape.dwg
PLOT: consultant3.ctb

PRELIMINARY LANDSCAPE PLAN FOR:

UNION SELF-STORAGE

OLSON LAND SURVEYORS ENGINEERS ENGINEERING INC.
360-695-1385
FAX 360-695-8117
222 E. EVERGREEN BLVD., VANCOUVER, WA 98660

STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
3/31/17
REBECCA J. WAHLSTROM
CERTIFICATE NO. 1141

CHANGES / REVISIONS

DESCRIPTION:	DATE:

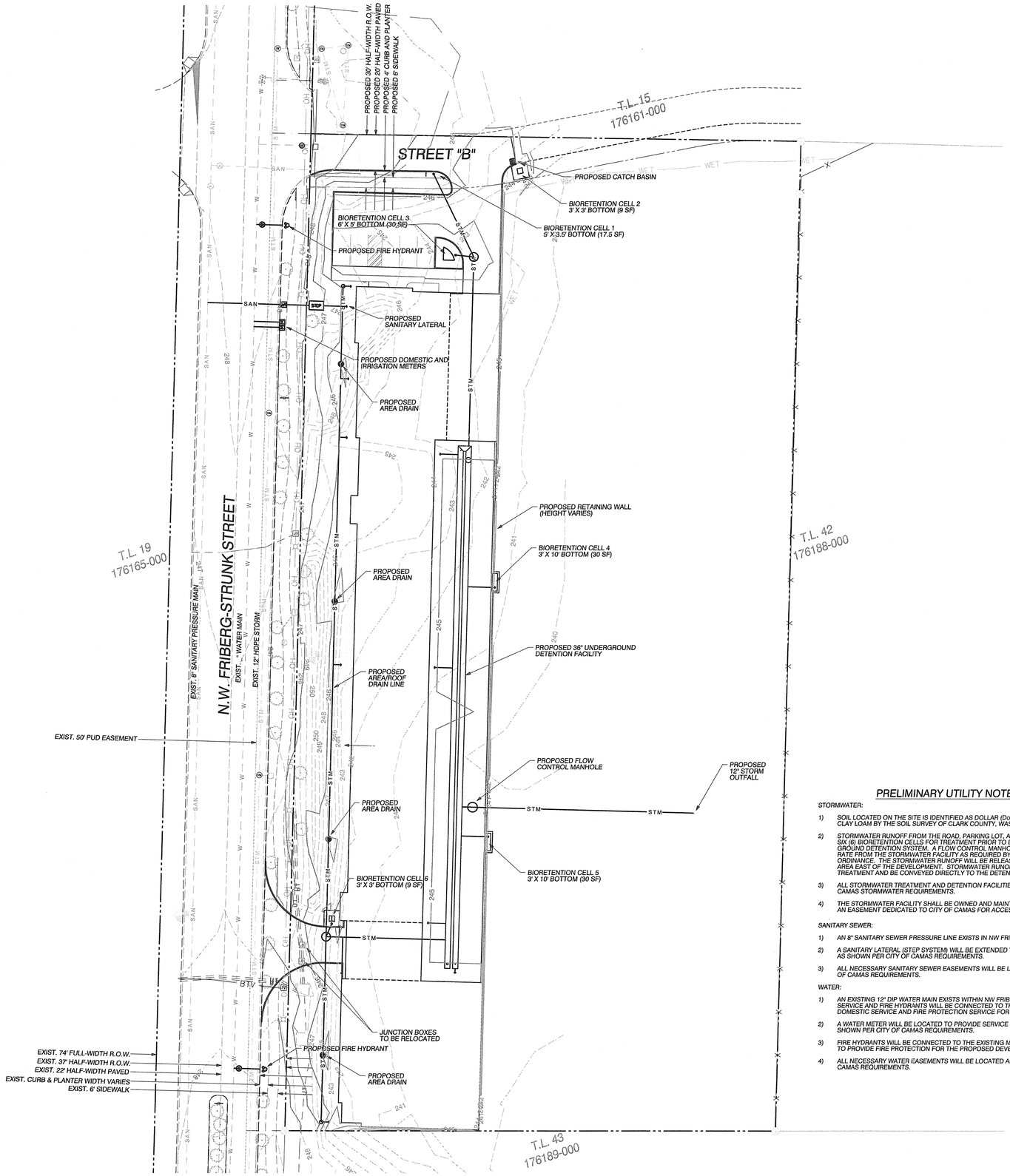
DESIGNED: RJW
DRAWN: RJW, GEG
CHECKED: SAH
DATE: MARCH 2017
SCALE: H: 1" = 30'
V:

COPYRIGHT 2017, OLSON ENGINEERING, INC.

UNION SELF-STORAGE

JOB NO. 9417.01.01

SHEET
LS1



PRELIMINARY UTILITY NOTES:

STORMWATER:

1) SOIL LOCATED ON THE SITE IS IDENTIFIED AS DOLLAR (DoB) LOAM AND COVE (CwA) SILTY CLAY LOAM BY THE SOIL SURVEY OF CLARK COUNTY, WASHINGTON.

2) STORMWATER RUNOFF FROM THE ROAD, PARKING LOT, AND SIDEWALKS WILL BE ROUTED TO SIX (6) BIORETENTION CELLS FOR TREATMENT PRIOR TO BEING CONVEYED TO A 36" UNDERGROUND DETENTION SYSTEM. A FLOW CONTROL MANHOLE WILL REGULATE THE RELEASE RATE FROM THE STORMWATER FACILITY AS REQUIRED BY THE CITY OF CAMAS STORMWATER ORDINANCE. THE STORMWATER RUNOFF WILL BE RELEASED TO THE EXISTING WETLAND AREA EAST OF THE DEVELOPMENT. STORMWATER RUNOFF FROM THE ROOF WILL BYPASS TREATMENT AND BE CONVEYED DIRECTLY TO THE DETENTION FACILITY.

3) ALL STORMWATER TREATMENT AND DETENTION FACILITIES WILL BE DESIGNED TO MEET CITY OF CAMAS STORMWATER REQUIREMENTS.

4) THE STORMWATER FACILITY SHALL BE OWNED AND MAINTAINED BY THE PROPERTY OWNER WITH AN EASEMENT DEDICATED TO CITY OF CAMAS FOR ACCESS AND INSPECTION AS REQUIRED.

SANITARY SEWER:

1) AN 8" SANITARY SEWER PRESSURE LINE EXISTS IN NW FRIBERG-STRUNK STREET.

2) A SANITARY LATERAL (STEP SYSTEM) WILL BE EXTENDED TO THE PROPOSED OFFICE BUILDING AS SHOWN PER CITY OF CAMAS REQUIREMENTS.

3) ALL NECESSARY SANITARY SEWER EASEMENTS WILL BE LOCATED AND DEDICATED PER CITY OF CAMAS REQUIREMENTS.

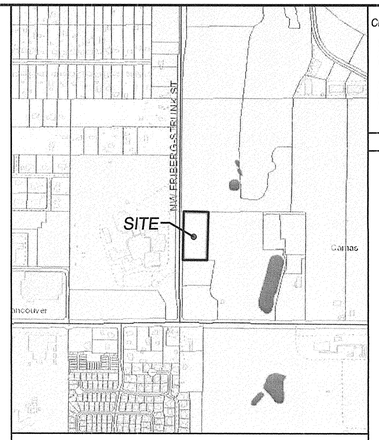
WATER:

1) AN EXISTING 12" DIP WATER MAIN EXISTS WITHIN NW FRIBERG-STRUNK STREET. A WATER SERVICE AND FIRE HYDRANTS WILL BE CONNECTED TO THIS MAIN IN ORDER TO PROVIDE DOMESTIC SERVICE AND FIRE PROTECTION SERVICE FOR THE DEVELOPMENT.

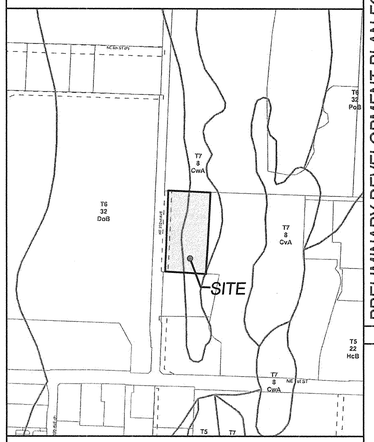
2) A WATER METER WILL BE LOCATED TO PROVIDE SERVICE TO THE OFFICE BUILDING AS SHOWN PER CITY OF CAMAS REQUIREMENTS.

3) FIRE HYDRANTS WILL BE CONNECTED TO THE EXISTING MAIN AT THE LOCATIONS SHOWN TO PROVIDE FIRE PROTECTION FOR THE PROPOSED DEVELOPMENT.

4) ALL NECESSARY WATER EASEMENTS WILL BE LOCATED AND DEDICATED PER CITY OF CAMAS REQUIREMENTS.



VICINITY MAP



SOILS MAP

LEGEND

- PERIMETER OF SITE
- RIGHT-OF-WAY LINE
- CENTERLINE OF ROAD
- FACE OF CURB
- LOT LINE
- EASEMENT LINE
- STM — STORM SEWER LINE
- STM — EXIST STORM SEWER
- SAN — SANITARY SEWER LINE
- SAN — EXIST SANITARY SEWER
- W — WATER SERVICE LINE
- W — EXIST WATER LINE
- 123 — GRADED CONTOUR LINE
- 123 — EXIST CONTOUR LINE
- MANHOLE
- WATER VALVE AND BOX
- FIRE HYDRANT ASSEMBLY
- CLEAN OUT
- CATCH BASIN
- THRUST BLOCK
- WATER SERVICE METER
- TELEPHONE RISER
- GAS RISER
- ELECTRIC RISER
- UTILITY POLE
- UTILITY POLE W/ LIGHT
- SIGN POST

SCALE: 1"=30'

-30 0 30 60

J:\data\9000\9400\9410\9417\Engineering\Prelim\9417.e.border,prelim.dgn
M:\MicroStation V8\pen tables\OCE table setup\OCE conceptual.tbl

CLIENT:
UNION SELF STORAGE, LLC
23801 NE 42ND COURT
RIDGEFIELD, WA 98642

PH: (360) 787-3465
CONTACT: TOM STRASSENBERG
EMAIL: tstrassenberg@msn.com

PRELIMINARY DEVELOPMENT PLAN FOR:

UNION SELF STORAGE

OLSON LAND SURVEYORS ENGINEERS ENGINEERING INC.
360-695-1385
503-288-9036
222 E. EVERGREEN, VANCOUVER, WA 98660

CHRIS R. WONDERLY
STATE OF WASHINGTON
32827
REGISTERED PROFESSIONAL ENGINEER
2/28/17

CHANGES / REVISIONS	
DESCRIPTION:	DATE:

DESIGNED: CRW

DRAWN: CRW

CHECKED: PAT

DATE: FEBRUARY 2017

SCALE: H: 1"=30'
V:

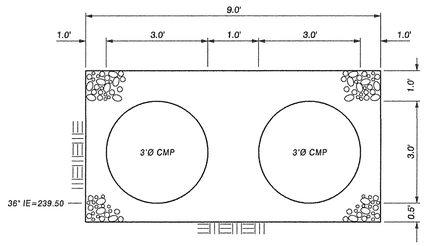
COPYRIGHT 2017, OLSON ENGINEERING, INC.

UNION SELF STORAGE

JOB NO.: 9417.01.01

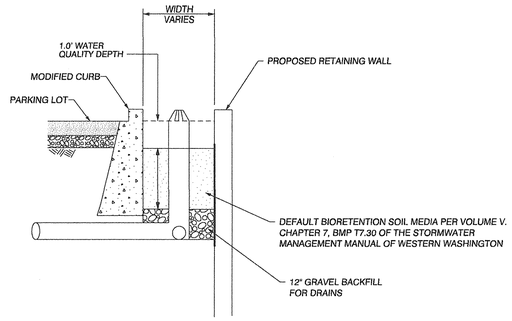
SHEET

C1.0



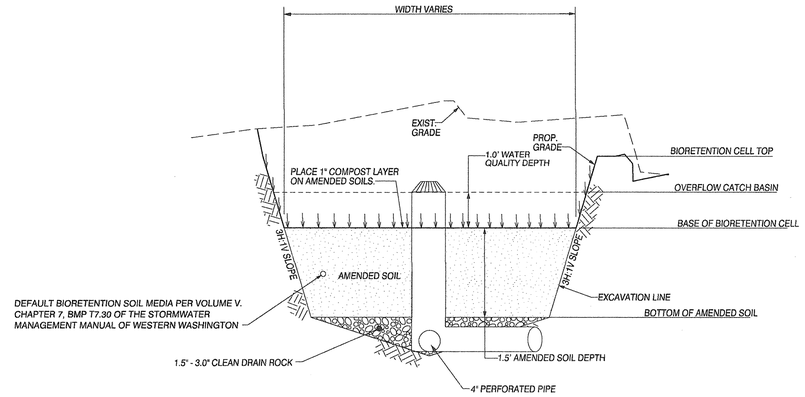
DETENTION FACILITY

NTS



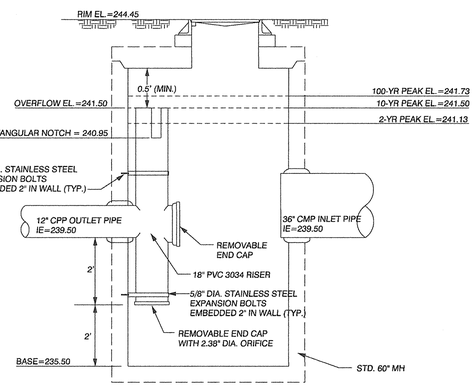
BIORETENTION CELL (1, 4 AND 5)

NTS



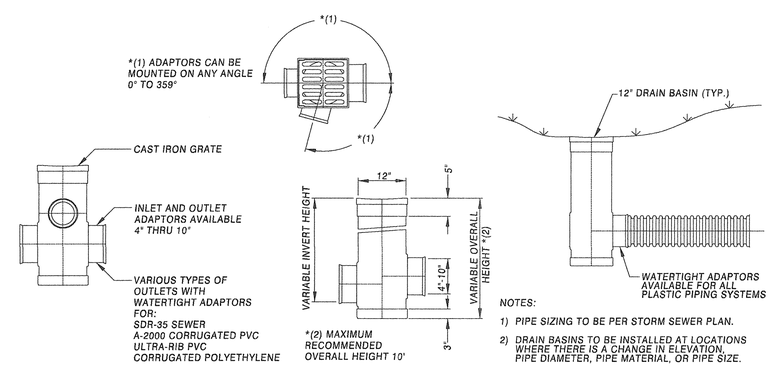
BIORETENTION CELL (2, 3 AND 6)

NTS



FLOW CONTROL MANHOLE

NTS



NOTES:

1) PIPE SIZING TO BE PER STORM SEWER PLAN.
2) DRAIN BASINS TO BE INSTALLED AT LOCATIONS WHERE THERE IS A CHANGE IN ELEVATION, PIPE DIAMETER, PIPE MATERIAL, OR PIPE SIZE.

12" DRAIN BASIN

TYPICAL INSTALLATION OF NYLOPLAST DRAIN BASIN

NYLOPLAST AREA DRAIN DRAIN DETAILS

NTS

J:\data\9000\9400\9410\9417\Engineering\Prelim\9417.e.border.prelim.details.dgn
M:\MicroStation V8\pen tables\OCE table setup\OCE mono.tbl

CLIENT:

UNION SELF STORAGE, LLC
23801 NE 42ND COURT
RIDGEFIELD, WA 98642

PH: (360) 787-3465
CONTACT: TOM STRASSENBERG
EMAIL: tstrassenberg@msn.com

PRELIMINARY STORM SYSTEM DETAILS FOR:

UNION SELF STORAGE

OLSON LAND SURVEYORS ENGINEERS ENGINEERING INC.
360-695-1385
503-289-9535
222 E. EVERGREEN, VANCOUVER, WA 98660

CHRIS R. WONG
STATE OF WASHINGTON
32827
REGISTERED PROFESSIONAL ENGINEER
2/28/17

CHANGES / REVISIONS	
DESCRIPTION:	DATE:

DESIGNED: CRW

DRAWN: CRW

CHECKED: PAT

DATE: FEBRUARY 2017

SCALE: H: 1"=30'
V:

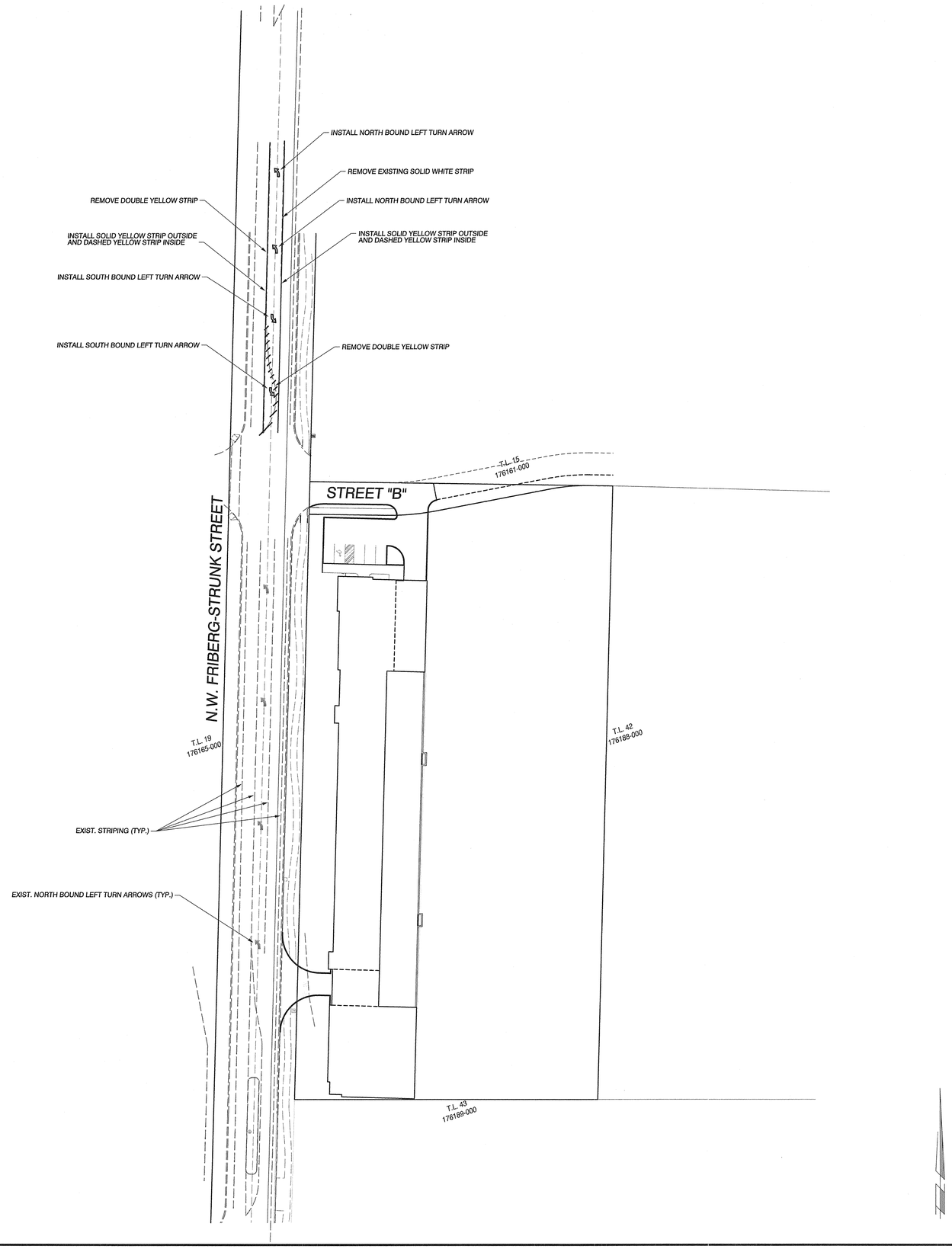
COPYRIGHT 2017, OLSON ENGINEERING, INC.

UNION SELF STORAGE

JOB NO.: 9417.01.01

SHEET

C1.1



SCALE: 1"=50'

-50 0 50 100

J:\data\9000\9400\9410\9417\Engineering\Prelim\9417.e.border.prelim.striping.dgn
M:\MicroStation V8\pen tables\OCE table setup\OCE striping.tbl

CLIENT:

UNION SELF STORAGE, LLC
23801 NE 42ND COURT
RIDGEFIELD, WA 98642

PH: (360) 787-3465
CONTACT: TOM STRASSENBERG
EMAIL: tstrassenberg@msn.com

PRELIMINARY N.W. FRIBERG-STRUNK STREET STRIPING FOR:

UNION SELF STORAGE

OLSON ENGINEERING INC.
LAND SURVEYORS
ENGINEERS
222 E. EVERGREEN, VANCOUVER, WA 98660
360-695-1385
503-289-9089

CHRIS R. WONDERLY
STATE OF WASHINGTON
32827
REGISTERED
PROFESSIONAL ENGINEER

2/28/17

CHANGES / REVISIONS	
DESCRIPTION:	DATE:

DESIGNED: CRW

DRAWN: CRW

CHECKED: PAT

DATE: FEBRUARY 2017

SCALE: H: 1"=50'
V:

COPYRIGHT 2017, OLSON ENGINEERING, INC.

UNIOR SELF STORAGE

JOB NO.: 9417.01.01

SHEET

C1.2