

**PROJECT INFORMATION:**

APPLICANT: COSSER, DAVID T.  
 SITE ADDRESS: 2945 JACKSON HWY. CHEHALIS, WA 98532  
 PARCEL NUMBER: 017808001006  
 ZONING (CITY): UGA, URBAN GROWTH AREA  
 LOTS: 1 EXISTING  
 SITE SOILS: REED SILTY CLAY LOAM

**ABBREVIATIONS:**

AC ACRES  
 AC ASPHALT CONCRETE  
 BCR BEGIN CURB RETURN  
 BM BENCHMARK  
 BVCS BEGIN VERTICAL CURVE STATION  
 BCVE BEGIN VERTICAL CURVE ELEVATION  
 CATV CABLE TELEVISION  
 CB CATCH BASIN  
 CIP CAST IRON PIPE  
 CL CENTERLINE  
 CMP CORRUGATED METAL PIPE  
 CO CLEAN OUT  
 CY CUBIC YARD  
 ° DEGREES  
 ∅ DIAMETER  
 DIP DUCTILE IRON PIPE  
 EE ELECTRICAL  
 ECR END CURB RETURN  
 EL ELEVATION  
 EVCS END VERTICAL CURVE STATION  
 EVCE END VERTICAL CURVE ELEVATION  
 EX EXISTING  
 FF FINISH FLOOR  
 FG FINISH GRADE  
 FH FIRE HYDRANT  
 FL FLOW LINE  
 FM FORCE MAIN  
 G GAS  
 GB GRADE BREAK  
 GM GAS METER  
 GV GATE VALVE  
 HP HIGH POINT  
 K CALCULATED CURVE VALUE  
 L LENGTH  
 LCV LENGTH VERTICAL CURVE  
 LF LINEAR FEET  
 M METER  
 MH MAN HOLE  
 MJ MECHANICAL JOINT  
 NFC NOT FOR CONSTRUCTION  
 OHP OVER HEAD POWER  
 P POWER  
 PC POINT OF CURVATURE  
 PI POINT OF INTERSECTION  
 PL PROPERTY LINE  
 POB POINT OF BEGINNING  
 POC POINT OF CONNECTION  
 PRC POINT OF REVERSE CURVATURE  
 PT POINT OF TANGENCY  
 PVC POLY-VINYL CHLORIDE  
 R RADIUS  
 RCP REINFORCED CONCRETE PIPE  
 RFC RELEASED FOR CONSTRUCTION  
 R/W RIGHT OF WAY  
 RD ROOF DRAIN  
 S SLOPE  
 SF SQUARE FOOT  
 SD STORM DRAIN  
 SS SANITARY SEWER  
 ST STORM  
 STA STATION  
 STEP SEPTIC TANK EFFLUENT PUMP  
 DTL STANDARD DETAIL  
 T TELEPHONE  
 TB THRUST BLOCK  
 TC TOP OF CURB/CONCRETE  
 TESC TEMPORARY EROSION AND SEDIMENT CONTROL  
 TG TOP OF GRATE  
 TYP TYPICAL  
 UGP UNDERGROUND POWER  
 W WATER  
 WM WATER METER  
 WV WATER VALVE  
 ± APPROXIMATELY  
 % PERCENT  
 Δ DELTA

**GEOTECHNICAL INFORMATION:**

A GEOTECHNICAL REPORT WAS NOT PREPARED FOR THIS PROJECT. IN LIEU OF A REPORT ALL CONSTRUCTION SHALL COMPLY WITH STANDARD SPECIFICATIONS.

**TOPOGRAPHIC INFORMATION:**

TOPOGRAPHIC INFORMATION DEPICTED IN THESE DRAWINGS WAS PROVIDED BY K. GERMUNSON SURVEYING INC. TOPOGRAPHIC INFORMATION WAS NOT FIELD VERIFIED BY FULLER DESIGNS.

**LEGEND:**

**LINETYPES:**

EXISTING	PROPOSED	DESC.
---	---	LOT LINE
-X-X-	-□-□-	EASEMENT
->->-	->->-	FENCING
---	---	DITCH
---	---	CULVERT
---	---	ROAD CENTERLINE
---	---	RIGHT OF WAY
E	E	ELECTRICAL UNDERGROUND
OE	OE	ELECTRICAL OVERHEAD
OT	OT	TELECOMMUNICATION
G	G	GAS MAIN
W	W	WATER MAIN
SS	SS	SEWER MAIN
FM	FM	FORCE MAIN
ST	ST	STORM MAIN
	SF	SILT FENCE

**SYMBOLS:**

EXISTING	PROPOSED	DESC.
xxx-xxx	xxx-xxx	SURFACE FLOW
⊙	⊙	SPOT ELEVATION
⊙	⊙	SEWER MANHOLE
⊙	⊙	STORM MANHOLE
⊙	⊙	CATCH BASIN
⊙	⊙	INSPECTION PORT
⊙	⊙	WELL
⊙	⊙	WATER METER BOX
⊙	⊙	VALVE
⊙	⊙	HYDRANT
⊙	⊙	RPBA
⊙	⊙	POLE
⊙	⊙	TREE
→	→	FLOW DIRECTION ARROW

**HATCH:**

EXISTING	PROPOSED	DESC.
[Pattern]	[Pattern]	AC PAVEMENT
[Pattern]	[Pattern]	GRAVEL AREA
[Pattern]	[Pattern]	CONCRETE SIDEWALK
[Pattern]	[Pattern]	ENHANCED BUFFER

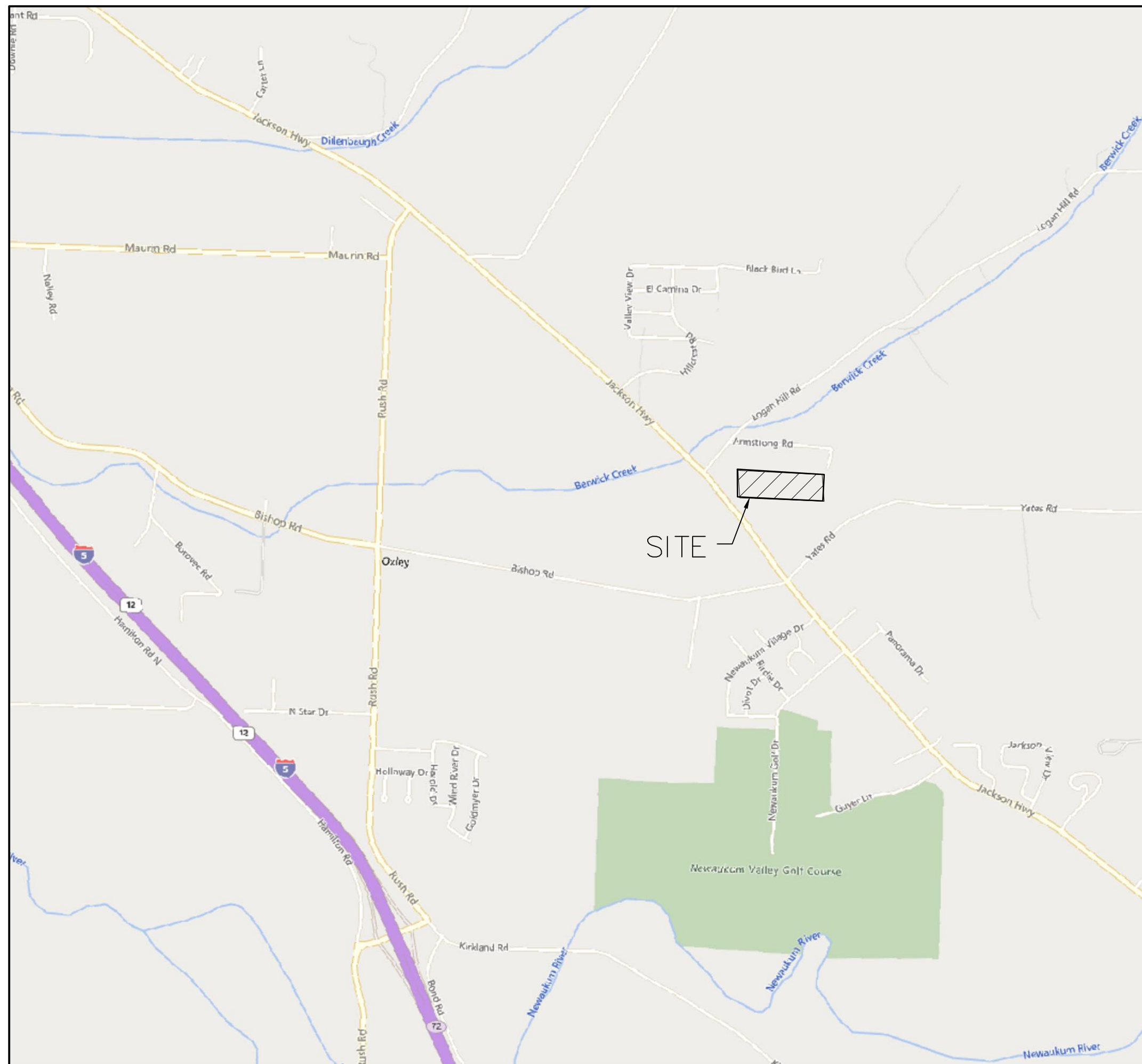
**DRAWING CONTENTS:**

- C0.1 COVER SHEET
- C1.1 OVERALL SITE AND TEMPORARY EROSION CONTROL PLAN
- C2.1 ROADWAY AND GRADING PLAN AND PROFILE
- C3.1 STORM DRAINAGE PLAN
- C4.1 SEWER PLAN
- C5.1 WATER PLAN

# JACKSON HIGHWAY TINY HOMES

SECTION 11 TOWNSHIP 13N RANGE 02W PT SE4 LT 4 SP  
 CHEHALIS, WASHINGTON

**VICINITY MAP**



**UTILITIES LOCATE NOTE:**

EXISTING UTILITIES LOCATION SHOWN IN THIS PLAN SET IS BASED ON INFORMATION OBTAINED FROM VARIOUS RECORDS RESEARCH, ASBUILT DATA, AND FIELD MEASUREMENTS. FULLER DESIGNS ASSUMES NO RESPONSIBILITY FOR EXACT LOCATION OF UTILITIES EITHER SHOWN OR NOT SHOWN IN THESE DRAWINGS. CONTRACTOR SHALL VERIFY THE EXACT SIZE, DEPTH, LOCATION, AND ARRANGEMENT OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CALL UNDERGROUND LOCATE AT 811 PRIOR TO PERFORMING CONSTRUCTIONS ACTIVITIES.

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**PROJECT SPECIFICATIONS:**

THE WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, 2020 WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) (HEREAFTER "STANDARD SPECIFICATIONS").

ALSO INCORPORATED INTO THESE CONTRACT DOCUMENTS BY REFERENCE ARE:

- A. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
- B. CITY ROAD STANDARDS
- C. CITY DRAINAGE STANDARDS
- D. THE INTERNATIONAL BUILDING CODE (IBC)

CURRENT EDITIONS OF THESE STANDARDS SHALL BE USED WHICH EXIST ON THE DATE OF CONTRACT ACCEPTANCE.

CONTRACTOR SHALL OBTAIN COPIES OF THESE PUBLICATION AT CONTRACTOR'S OWN EXPENSE.

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, TRANSPORTATION, SUPPLIES AND INCIDENTALS REQUIRED TO COMPLETE ALL WORK SHOWN ON THESE DRAWINGS. ONCE WORK IS COMPLETED CONTRACTOR SHALL OBTAIN ACCEPTANCE BY THE COUNTY AND PROJECT ENGINEER.

THE INTENT OF THESE DRAWINGS IS TO PRESCRIBE A COMPLETE PROJECT. OMISSIONS FROM THE DRAWINGS OF DETAIL OF WORK WHICH IS NECESSARY TO CARRY OUT THE INTENT OF THE DRAWINGS SHALL NOT RELIEVE THE CONTRACTOR FROM PROVIDING THE OMITTED WORK.

ANY PROPOSED ALTERATIONS BY THE CONTRACTOR AFFECTING THE REQUIREMENTS AND INFORMATION IN THESE DRAWINGS SHALL BE IN WRITING AND WILL REQUIRE APPROVAL OF THE ENGINEER AND INSPECTOR.

**WORK IN RIGHT OF WAY:**

CONTRACTOR SHALL OBTAIN A RIGHT OF WAY PERMIT PRIOR TO COMMENCING ANY WORK LOCATED IN RIGHT OF WAY. ALL WORK PERFORMED IN THE RIGHT OF WAY SHALL ADHERE TO DRAWINGS, STANDARD SPECIFICATIONS, AND REQUIREMENTS OUTLINED IN THE RIGHT OF WAY PERMIT.

**RECORD DRAWINGS:**

FULLER DESIGNS IS REQUIRED BY THE CITY TO PROVIDE RECORD DRAWING CERTIFICATION PRIOR TO FINAL CITY ACCEPTANCE. FULLER DESIGNS WILL NOT CERTIFY RECORD DRAWINGS WITHOUT INSPECTION OF BELOW GRADE UTILITIES AND STRUCTURES. PRIOR TO BACKFILLING, CONTRACTOR SHALL NOTIFY FULLER DESIGNS OF NECESSARY INSPECTIONS.

CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD AND NOTIFY ENGINEER OR INSPECTOR OF INCONSISTENCIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL MAINTAIN ONE SET OF THE CONTRACT DRAWINGS THAT SHALL INCLUDE: ANY ALTERATIONS OR LOCATION OF UNDERGROUND UTILITIES ENCOUNTERED DURING THE PROGRESS OF THE PROJECT, ANY ALTERATIONS MADE TO THE IMPROVEMENTS BEING INSTALLED. MARKED DRAWINGS SHALL BE CLEAR AND LEGIBLE. DRAWINGS SHALL BE MARKED "RECORD DRAWINGS" AND SHALL BE SUBMITTED TO THE ENGINEER UPON PROJECT COMPLETION.

**CONTRACTOR LIABILITY NOTE:**

CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY THROUGHOUT PROJECT EXECUTION AND NOT BE LIMITED TO WORKING HOURS. CONTRACTOR SHALL PROGRESS WORK IN A MANNER THAT SHALL INDEMNIFY AND HOLD FULLER DESIGNS HARMLESS FROM ALL LIABILITY IN CONNECTION WITH CONTRACTOR'S PERFORMED WORK.

**REMOVAL OF UNSUITABLE MATERIALS:**

IF UNSUITABLE MATERIALS AS DEFINED BY THE STANDARD SPECIFICATIONS ARE ENCOUNTERED, THIS MATERIAL SHALL BE REMOVED TO THE DEPTH REQUIRED BY THE ENGINEER OR INSPECTOR AND REPLACED WITH SUITABLE MATERIAL.

UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE SITE AND HAULED TO A WASTE SITE OBTAINED BY THE CONTRACTOR. PRIOR TO REMOVAL, CONTRACTOR SHALL NOTIFY PROJECT OWNER SO MEASUREMENT/PAYMENT CAN BE MADE PER TON OF UNSUITABLE MATERIAL REMOVED.

**EROSION CONTROL NOTE:**

EROSION CONTROL MEASURES ARE NOT LIMITED TO THE ITEMS ON THESE PLANS. CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES. NO SILTATION OF EXISTING OR PROPOSED DRAINAGE STRUCTURES WILL BE PERMITTED. CARE SHALL BE TAKEN TO PREVENT MIGRATION OF SOILS TO ADJACENT PROPERTIES. DISTURBED EARTH SHALL BE STABILIZED AS REQUIRED BY THE STANDARD SPECIFICATIONS. INDIVIDUAL DESIGNATED TO MONITOR EROSION CONTROL FACILITIES DURING CONSTRUCTION SHALL HAVE CESCL CERTIFICATION.

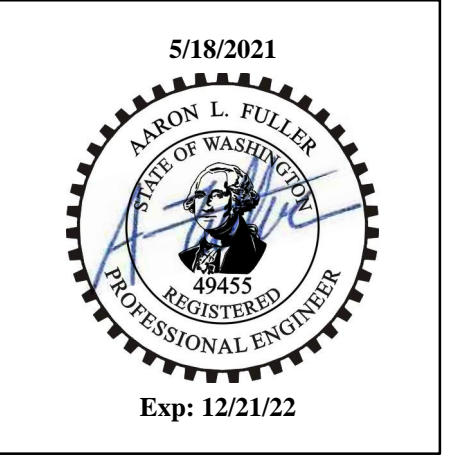
**GENERAL NOTES:**

CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH ADJACENT PROPERTY OWNERS, DRIVEWAYS AND UTILITY SERVICES SHALL REMAIN ACCESSIBLE AT ALL TIMES.

AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL PRE-CONSTRUCTION STATE OR BETTER UPON COMPLETION OF WORK.

THESE DRAWINGS AND ALL ACCOMPANYING MATERIALS ARE COPYRIGHTED. UNAUTHORIZED COPYING OF THESE DOCUMENTS IS FORBIDDEN WITHOUT THE WRITTEN CONSENT OF FULLER DESIGNS.

DRAWING TITLE:	COVER SHEET	CHECKED: ALF
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	DATE: 05/10/21	PROJECT NAME: JACKSON HIGHWAY TINY HOMES

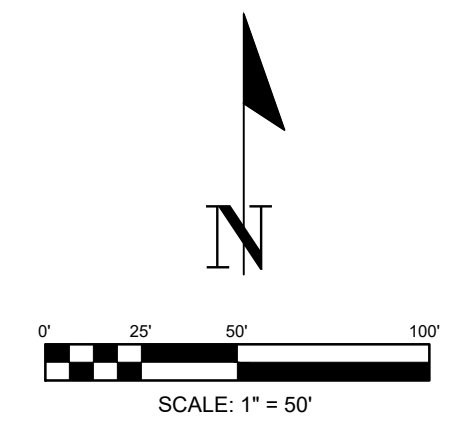
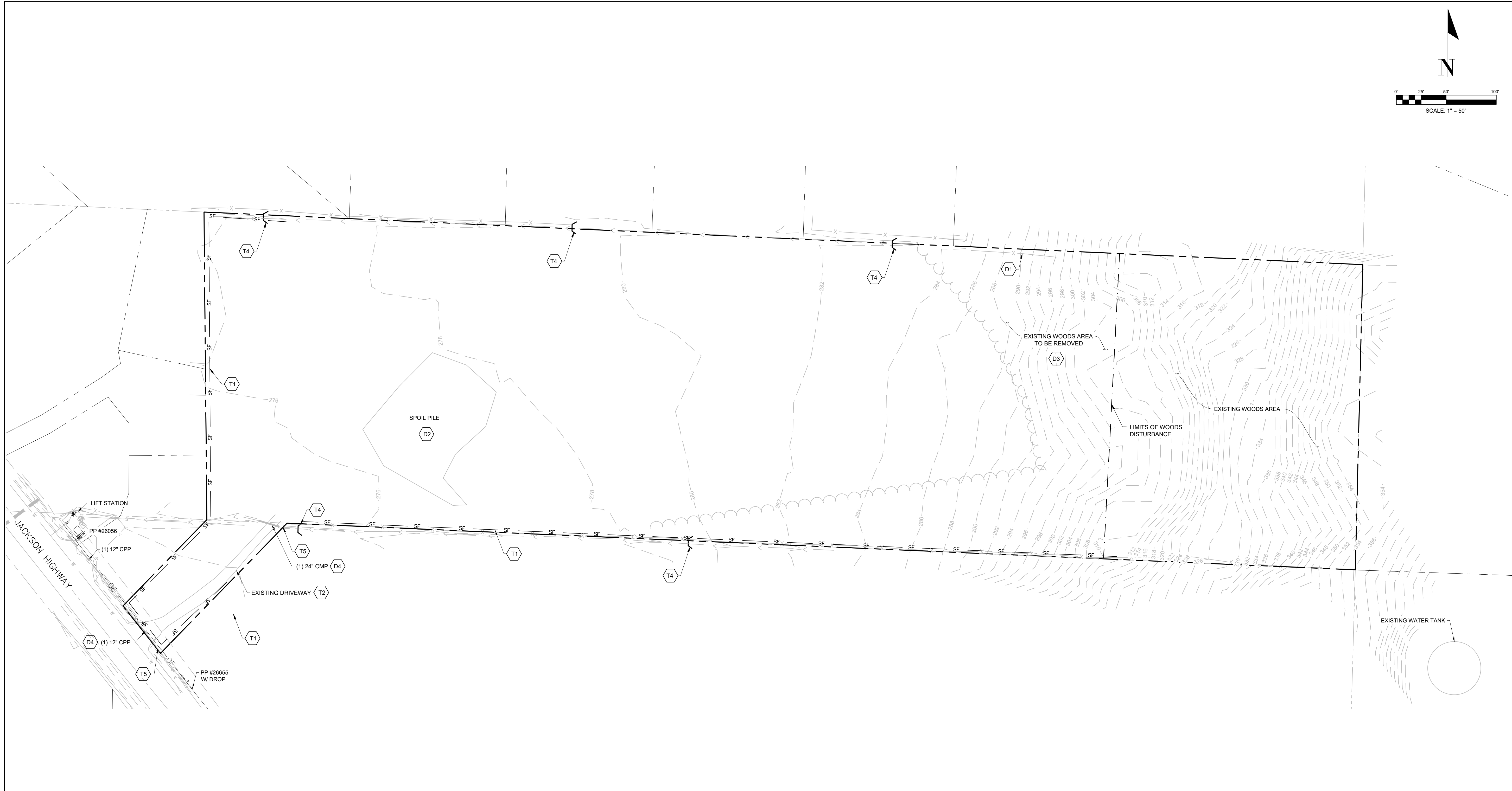


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 (360) 807-4420

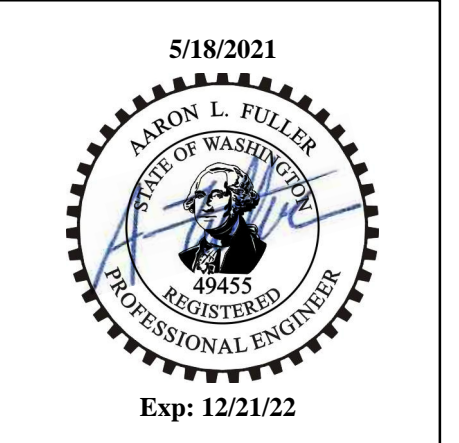
REV.	DESCRIPTION	DATE
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**C0.1**  
 1 OF 6





DRAWING TITLE:		OVERALL SITE AND TEMPORARY EROSION CONTROL PLAN	
SCALE:	1" = 50'	DRAWN:	MM
DATE:	05/10/21	CHECKED:	ALF
PROJECT NAME:		JACKSON HIGHWAY TINY HOMES	



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- TEMPORARY EROSION AND SEDIMENTATION CONTROL (TESC) NOTES:**
- (T1) INSTALL SILT FENCE.
  - (T2) INSTALL 100' LONG CONSTRUCTION ENTRANCE.
  - (T3) INSTALL STRAW BALE BARRIER AS SHOWN. BALES TO BE INSTALLED ALONG EXISTING DITCH SHOWN ON THIS SHEET. BALES WILL BE REMOVED ONCE SITE IS STABILIZED.
  - (T4) INSTALL TWO LAYERS OF WATTLES AND A SWATH OF SILT FENCE AROUND THE INLET FOR CULVERT INLET PROTECTION.

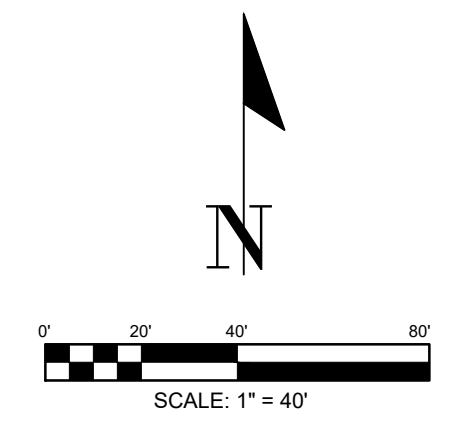
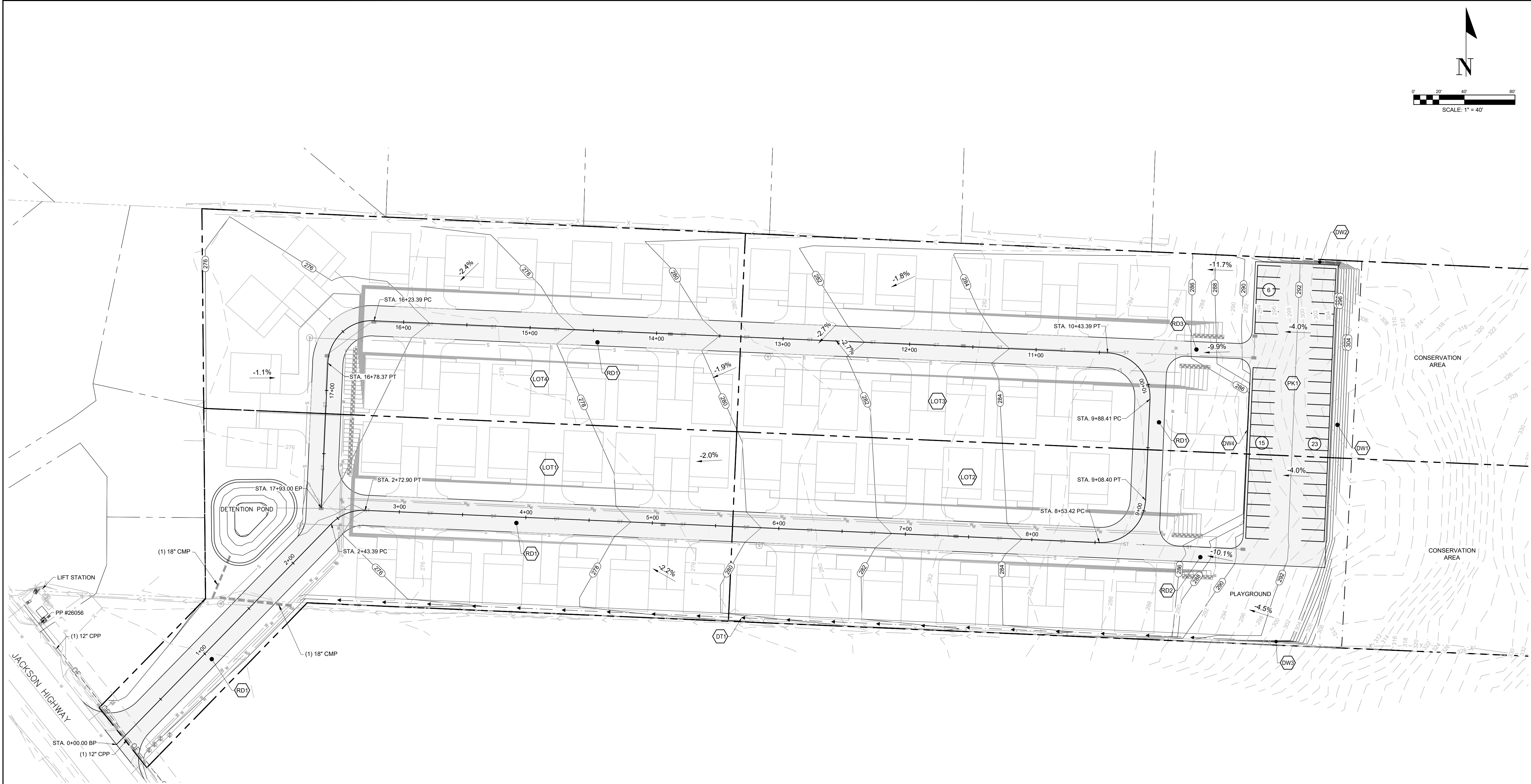
- DEMOLITION NOTES:**
- (D1) EXISTING FENCE TO BE REMOVED.
  - (D2) EXISTING SPOIL PILE TO BE REMOVED.
  - (D3) EXISTING TREES TO BE REMOVED.
  - (D4) EXISTING PIPES UNDER EXISTING ENTRANCE ROAD.

- EROSION CONTROL NOTES:**
1. ALL EXPOSED SOIL SURFACES SHALL BE SEEDED WITH AN EROSION CONTROL SEED MIX OR HYDROSEEDED IF NOT WORKED WITHIN 7 CALENDAR DAYS FROM MAY 1 TO SEPTEMBER 30. SOIL SHALL BE COVERED WITHIN 2 DAYS FROM OCTOBER 1 TO APRIL 30.
  2. SEEDED AREAS WILL BE COVERED WITH MULCH, HAY OR OTHER PROTECTIVE COVERING APPROVED BY THE ENGINEER TO PREVENT WASHOUT DURING RAIN EVENTS.
  3. CONTRACTOR SHALL APPLY WATER TO GRAVEL SURFACES DURING CONSTRUCTION TO MINIMIZE FUGITIVE DUST.
  4. ROUTINE INSPECTION AND MAINTENANCE OF ALL INSTALLED EROSION AND SEDIMENT CONTROL BMPs, ESPECIALLY AFTER STORMS, IS REQUIRED.
  5. PERIODIC STREET CLEANING MAY BE NECESSARY TO REMOVE ANY SEDIMENT TRACKED OFF SITE.
  6. IN THE EVENT PROPOSED BMPs FAIL, APPROPRIATE MEASURES MUST BE TAKEN TO STOP SEDIMENTS FROM ENTERING WATERWAYS.

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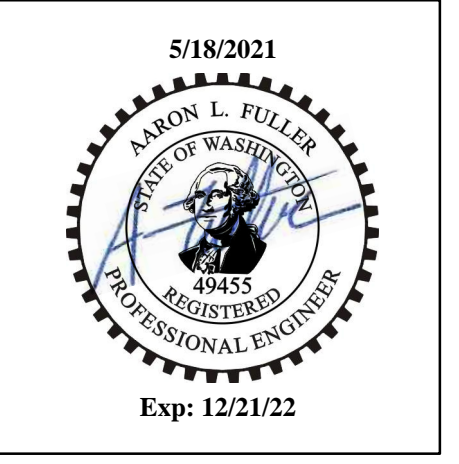
**ROAD AND GRADING NOTES:**

- (RD1) 1,793 L.F. OF ASPHALT ROAD  
24' WIDE  
2% MIN. INVERTED CROWN
- (RD2) 65 L.F. OF ASPHALT ROAD  
12' WIDE
- (RD3) 65 L.F. OF ASPHALT ROAD  
12' WIDE
- (PK1) ASPHALT PARKING LOT  
65' WIDE  
240' LONG  
44 SPACES
- (DW1) ±305' DETENTION WALL
- (DW2) ±65' DETENTION WALL
- (DW3) ±65' DETENTION WALL
- (DW4) ±95' DETENTION WALL
- (DT1) ±230' DITCH

**DEVELOPMENT CONCEPT NOTES:**

- EXISTING 8.34 ACRES TOTAL TO BE DIVIDED INTO 4 LOTS
- (LOT1) 1.65 ACRES  
13 TINY HOUSES  
1 POND  
ENTRANCE ROAD
  - (LOT2) 2.53 ACRES  
14 TINY HOUSES  
PARKING LOT  
PLAYGROUND  
CONSERVATION AREA
  - (LOT3) 2.62 ACRES  
14 TINY HOUSES  
PARKING LOT  
PLAYGROUND  
CONSERVATION AREA
  - (LOT4) 1.54 ACRES  
15 TINY HOUSES

DRAWING TITLE: <b>ROADWAY AND GRADING PLAN</b>	
SCALE: 1" = 40'	PROJECT NAME: <b>JACKSON HIGHWAY TINY HOMES</b>
DATE: 05/10/21	CHECKED: ALF
DRAWN: MM	



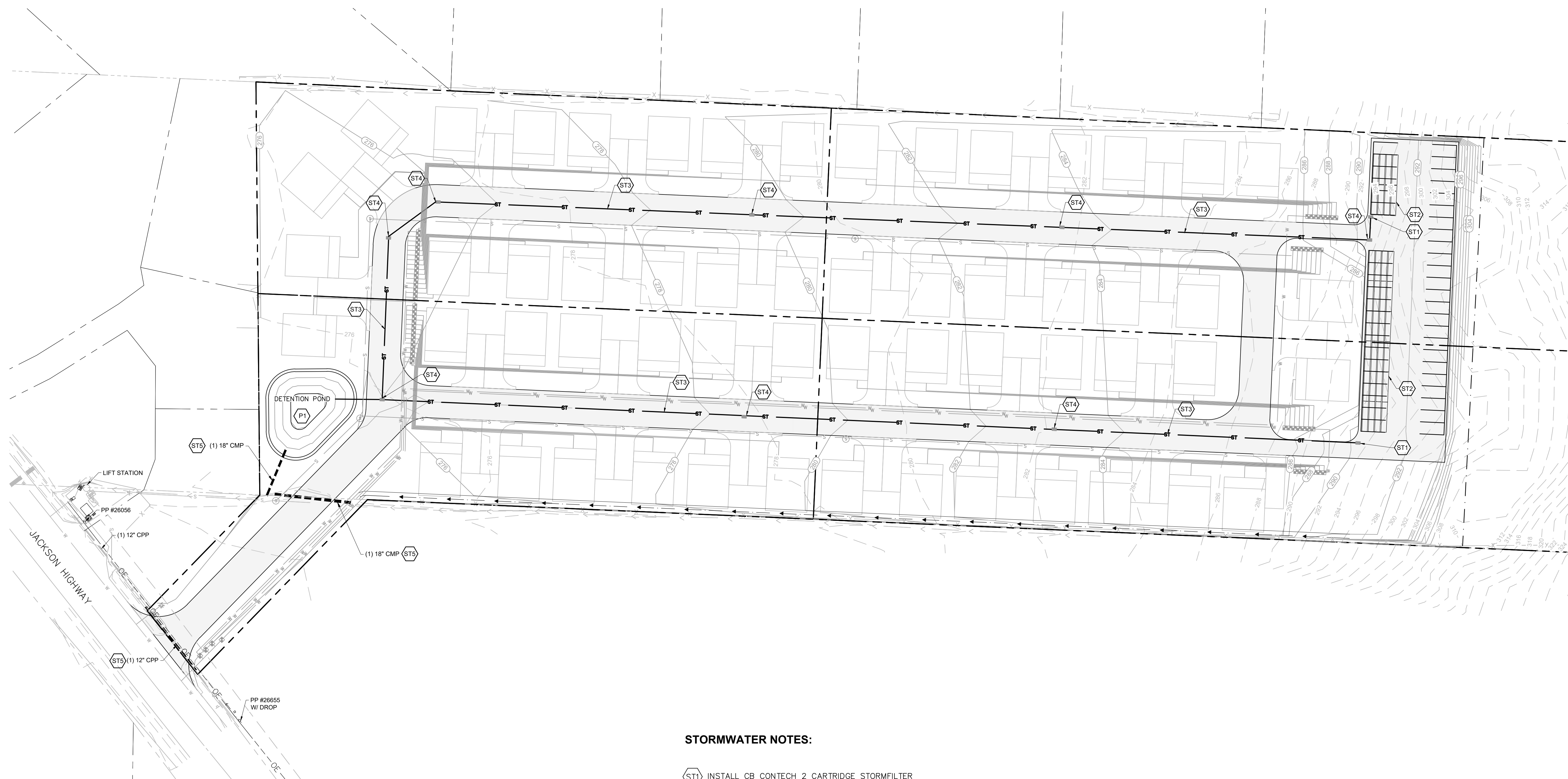
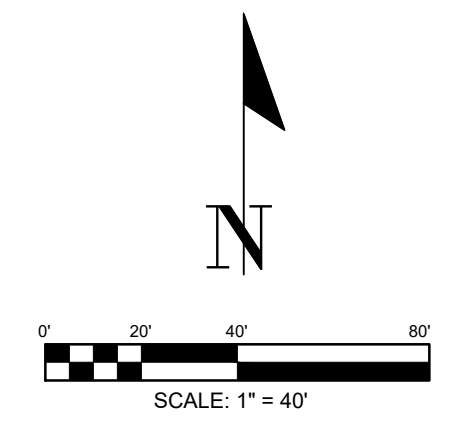
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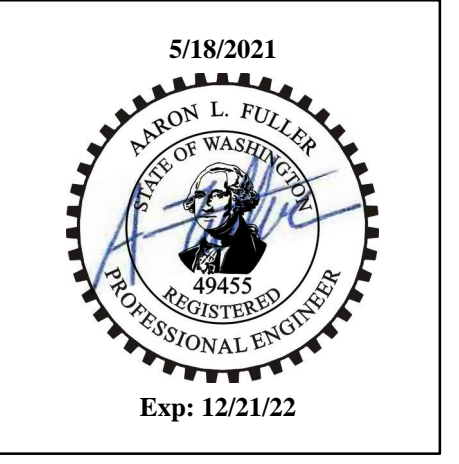


**STORMWATER NOTES:**

- (ST1) INSTALL CB CONTECH 2 CARTRIDGE STORMFILTER
- (ST2) INSTALL CONTECH CHAMBERMAXX STORMWATER RETENTION SYSTEM
- (ST3) INSTALL STORM PIPE
- (ST4) INSTALL CB GRATE LID
- (ST5) INSTALL CULVERT
- (P1) DETENTION POND  
5.5' DEPTH (INCLUDED 1' FREEBOARD)  
3:1 SIDE SLOPES  
400 S.F. BOTTOM AREA

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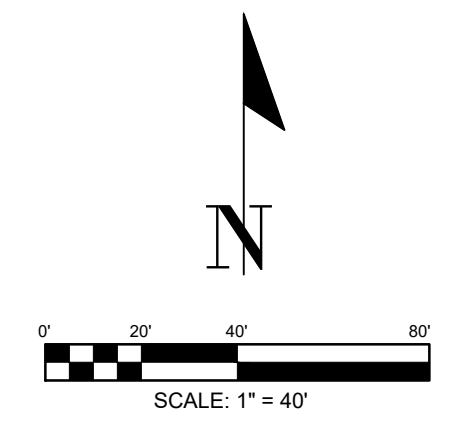
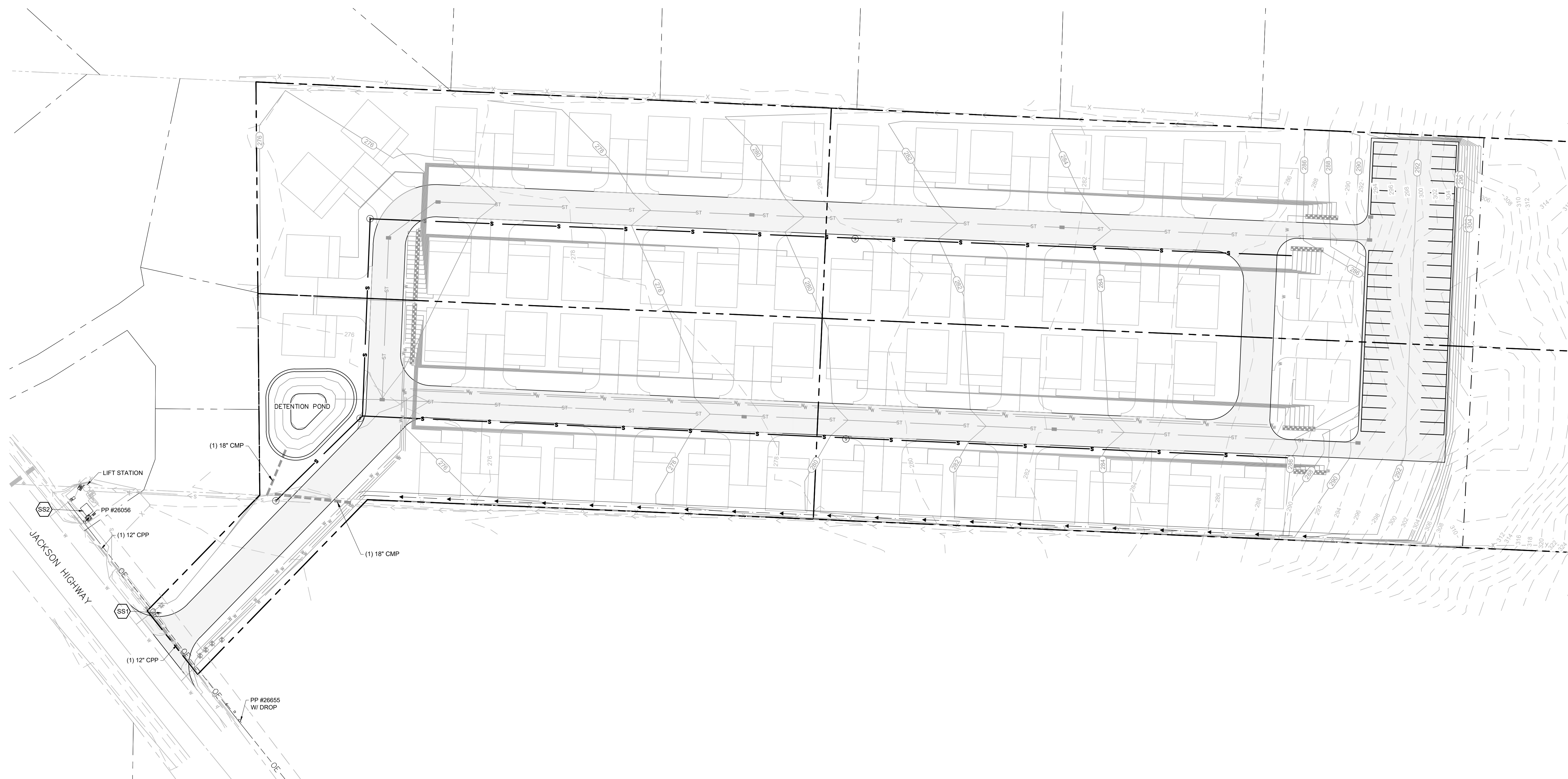
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SCALE: 1" = 40'	DATE: 05/10/21	DRAWN: MM	CHECKED: ALF
PROJECT NAME: <b>JACKSON HIGHWAY TINY HOMES</b>			



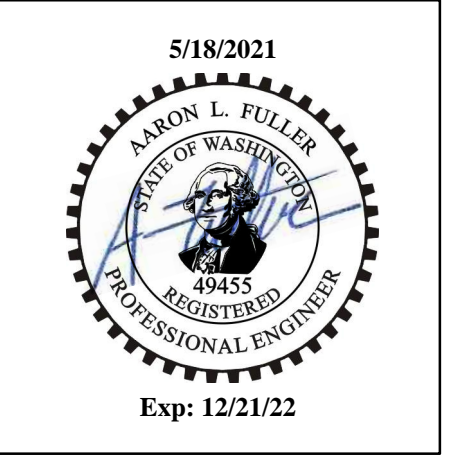
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DRAWING TITLE: <b>SEWER PLAN</b>			
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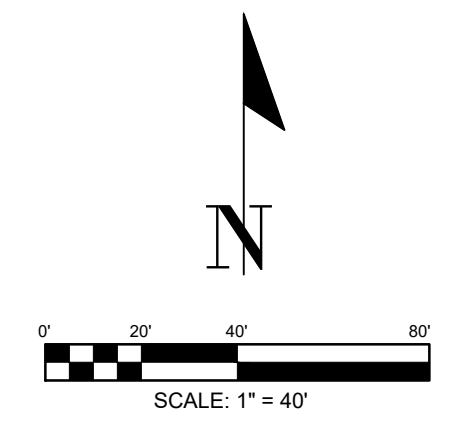
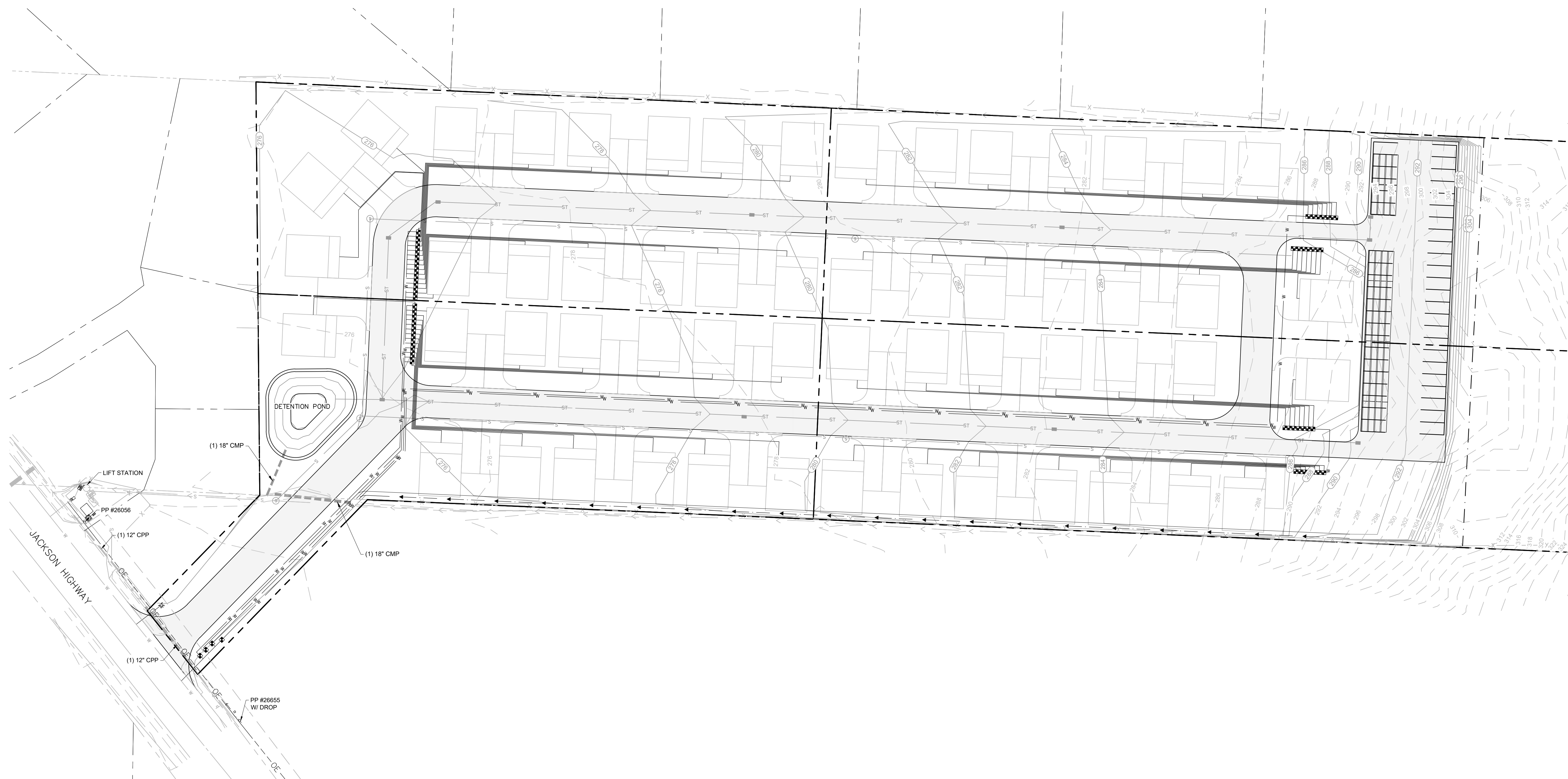
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- SEWER NOTES:**
- SS1 INSTALL MANHOLE TIE TO EXISTING SEWER LINE APPROX. FL 267.75
  - SS2 EXISTING LIFT STATION @ STA. 191+50.45 PER LEWIS CO. SEWER DIST. #1, LOGAN HILL SEWAGE COLLECTOR PLANS. BASE EL. 252.00

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DRAWING TITLE: WATER PLAN

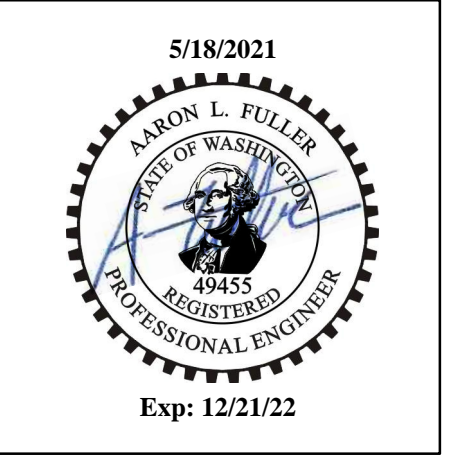
SCALE: 1" = 40'

DATE: 05/10/21

DRAWN: MM

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