# PROJECT INFORMATION PROPERTY OWNER EDWARD C. BRANHART APPLICANT/PRIMARY CONTACT AIDAN WILLIS 4201 NE 66TH AVE, #105 VACOUVER, WA 98661 (503) 957-0966 AWILLIS@TEAMCONSTRUCTION.COM CIVIL ENGINEER JOLMA DESIGN, LLC 10 S. PARKWAY AVENUE, STE 102 PO BOX 1281 BATTLE GROUND, WA 98604 (360) 723-0392 ADMIN@JOLMADESIGN.COM PROJECT NAME GOERIG APARTMENTS SITE INFORMATION PARCEL NO: 50630 1776 N GOERIG ST, WOODLAND, WA 98674 PARCEL AREA: 0.90 AC MEDIUM DENSITY RESIDENTIAL (MDR) **NOTES** 1. TO THE EXTENT PRACTICABLE, STORMWATER WILL BE MANAGED ON SITE USING LID BMPs. 2. GRADING WILL BE MINIMIZED TO THAT WHICH IS NECESSARY TO PROMOTE DRAINAGE AWAY FROM STRUCTURES AND TOWARD STORMWATER FACILITIES. 3. EROSION CONTROL MEASURES WILL BE DETERMINED AT THE TIME OF CONSTRUCTION PLAN SUBMITTAL. MEASURES WILL BE TAKEN TO ENSURE SEDIMENT OR SEDIMENT-LADEN RUNOFF DOES NOT LEAVE THE SITE. 4. SANITARY SEWER AND WATER SERVICES WILL BE PROVIDED BY THE CITY OF WOODLAND. SITE DATA: LOT SUMMARY: TOTAL AREA = $39,411 \pm SF (0.90 \pm AC)$ (PER SURVEY) **ZONING SUMMARY:** ZONING: PROPOSED BUILDINGS: BUILDING A: 24-UNIT, 3-STORY APARTMENT BUILDING B: 6-UNIT, 3-STORY APARTMENT SETBACKS & LOT DIMENSIONS: REQ'D SETBACKS WITH VARIANCE: FRONT = 14'

SEWER MANHOLE RIM ELEV.=34.98'

BOLTED SHUT

(I.E.=26.38' PER AS-BUILT WITH ASSUMED DATUM ADJUSTMENT)

DIAMETER IRON PIPE,

BELOW SURFACE 0.4'

N61°55'40"W, 1.22' FROM



- FOUND 1/2" REBAR WITH YELLOW PLASTIC CAP

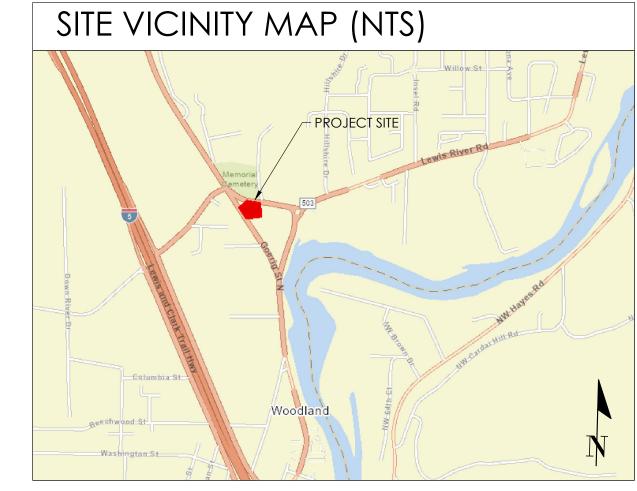
INSCRIBED K BLUHM, HELD

INSIDE CUT ROCK,

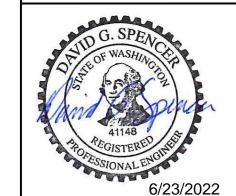
ASPHAL7

DRIVEWAY

SCOTT AVENUE







PROJECT: 22046 DESIGNED: DGS DRAWN: CHECKED: DGS

SCALE SCALE AS NOTED

SHEET TITLE

**COVER SHEET** 

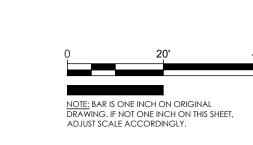
C01.01

SHEET

PRELIMINARY SITE PLAN REVIEW

YELLOW PLASTIC CAP INSIDE CUT ROCK, INSCRIBED K BLUHM, HELD LINE, S04°11'46"E, 0.25' SHEET INDEX SHEET TITLE SHEET NO. **COVER SHEET** C01.01 C01.02 EXISTING CONDITIONS PLAN C01.03 DEMOLITION & EROSION CONTROL PLAN C01.04 PRELIMINARY SITE PLAN STORMWATER MANAGEMENT PLAN C01.05 GRADING PLAN C01.06 UTILITY PLAN C01.07 LIGHTING PLAN C01.08 EROSION CONTROL DETAILS C02.01 STREET DETAILS C02.02 STREET DETAILS C02.03 UTILITY DETAILS C02.04

- FOUND 1/2" REBAR WITH YELLOW PLASTIC CAP INSIDE CUT ROCK, INSCRIBED K BLUHM, HELD



MEDIUM-DENSITY RESIDENTIAL (MDR)

SIDE (INTERIOR) = 3.5'

= 17.5'

PARKING PROVIDED

STANDARD PARKING (9' X 20') = 43 SPACES = 2 SPACES ADA PARKING (9' X 20') TOTAL PARKING PROVIDED = 45 SPACES

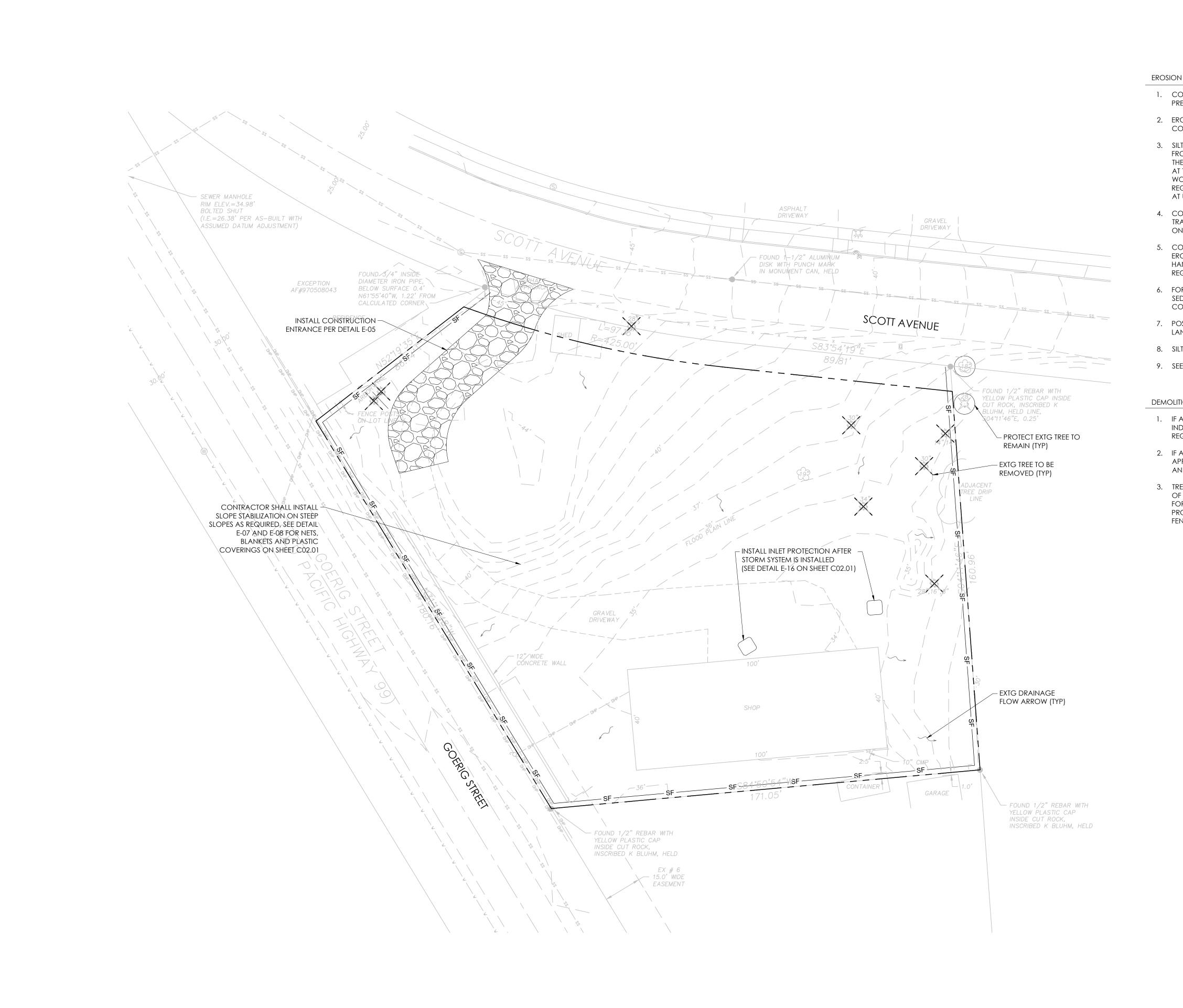
LANDSCAPE SUMMARY:

9,674 SF (0.22 ACRES) LANDSCAPING PROVIDED (25%)



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#### **EROSION CONTROL NOTES:**

- 1. CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES AS NECESSARY TO PREVENT SEDIMENT LADEN RUNOFF FROM LEAVING THE PROJECT SITE.
- 2. EROSION CONTROL MEASURES SHALL BE KEPT IN PLACE AT ALL TIMES DURING CONSTRUCTION, AND SHALL NOT BE REMOVED UNTIL SITE HAS BEEN FULLY STABILIZED.
- 3. SILT FENCE IS SHOWN AT THE PROPERTY LINES. IF SILT FENCE IS SHOWN UPGRADIENT FROM SITE, IT MAY NOT BE NECESSARY AT THE DISCRETION OF THE CONTRACTOR. IN THE CASE WHERE IT IS NOT NECESSARY, SOME SORT OF DEMARCATION SHALL BE MADE AT THE PROPERTY LINE (IE CONSTRUCTION FENCING) TO PREVENT CONSTRUCTION WORK FROM CROSSING ONTO ADJACENT PROPERTY. SITE GRADING LIMITS ARE REQUIRED TO BE SHOWN, HIGH VISIBILITY FENCE MAY BE USED INSTEAD OF SILT FENCE AT UPGRADIENT LOCATIONS.
- 4. CONTRACTOR SHALL KEEP THE PUBLIC STREET FREE FROM SEDIMENT, WHEEL TRACKING. WHEEL WASH SHALL BE INSTALLED IF CONTRACTOR IS TRACKING SEDIMENT ONTO THE PUBLIC STREET.
- 5. CONTRACTOR SHALL COMPLY WITH ALL REQUESTS OF THE CITY OR STATE REGARDING EROSION CONTROL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO APPROPRIATELY HANDLE ALL CONSTRUCTION STORMWATER IN COMPLIANCE WITH LOCAL AND STATE REQUIREMENTS.
- 6. FOR SITES LESS THAN 3 ACRES BEING DISTURBED, CONTRACTOR SHALL INSTALL SEDIMENT TRAPS IF NECESSARY TO CONTROL SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. STANDARD DETAIL FOR SEDIMENT TRAP IS E-2.40.
- 7. POST-CONSTRUCTION SOIL QUALITY AND DEPTH PER BMP T5.13 IS REQUIRED FOR LANDSCAPED AREAS AFTER GRADING IS COMPLETE.
- 8. SILT FENCE INDICATES APPROXIMATE CLEARING LIMITS.
- 9. SEE DETAIL E-03 FOR EROSION AND SEDIMENT CONTROL NOTES ON PAGE C02.01.

# **DEMOLITION NOTES:**

- 1. IF APPLICABLE, EXISTING STRUCTURES AND APPURTENANCES SHALL BE DEMOLISHED AS INDICATED ON THIS PLAN IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
- 2. IF APPLICABLE, LEAD PAINT, ASBESTOS OR OTHER HAZARDOUS MATERIALS SHALL BE APPROPRIATELY HANDLED BY THE CONTRACTOR IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
- 3. TREE REMOVAL SHALL BE COORDINATED WITH THE CITY FORESTER PRIOR TO REMOVAL OF ANY TREE OUTSIDE THE BOUNDARY OF THIS PROPERTY. WHERE TREES ARE MARKED FOR PROTECTION, THEY SHALL BE PROTECTED TO THE DRIP LINE / ROOT ZONE BY A TREE PROTECTION FENCE. NO GRADING SHALL OCCUR WITHIN THE TREE PROTECTION FENCE WITHOUT AUTHORIZATION FROM THE CITY'S FORESTER.

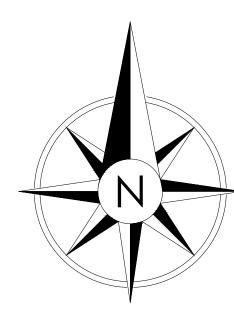


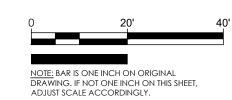
SF SILT FENCE PER E-20 CONSTRUCTION ENTRANCE PER E-05

PROTECT EXTG TREE TO REMAIN

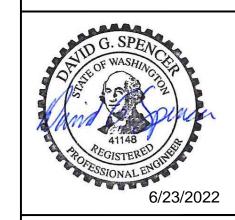
INLET PROTECTION

EXTG TREE TO BE REMOVED





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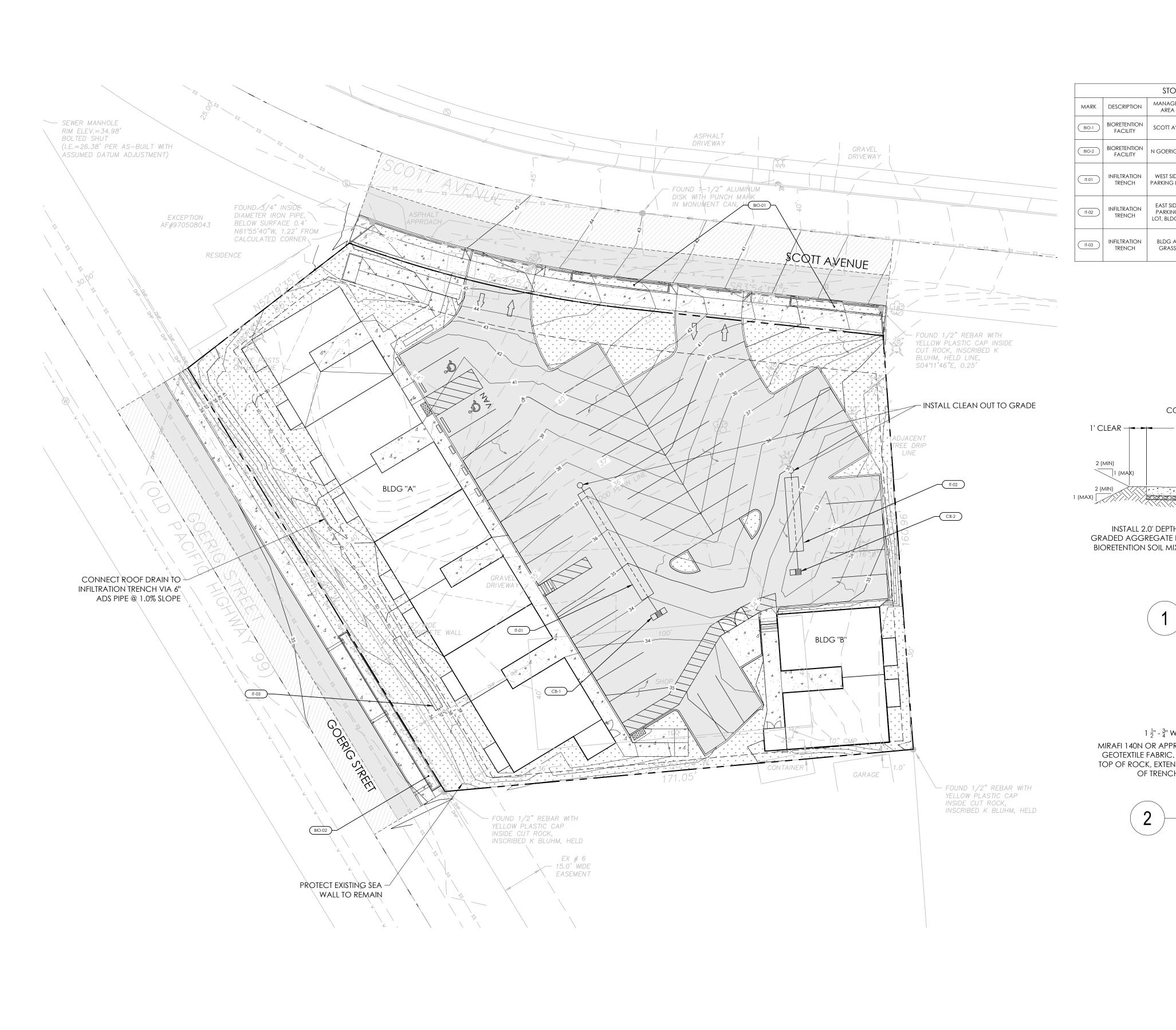
CHECKED: DGS

SCALE

SCALE AS NOTED SHEET TITLE

**DEMOLITION & EROSION** CONTROL PLAN

SHEET



		STORM	WATER B	MP SCHE	DULE
MARK	DESCRIPTION	MANAGED AREA	SURFACE AREA (SF)	BMP NO.	DESIGN DETAILS
BIO-1	BIORETENTION FACILITY	SCOTT AVE	195	T7.30	REFER TO DETAIL 1 BELOW FOR CROSS SECTION
BIO-2	BIORETENTION FACILITY	N GOERIG ST	195	T7.30	REFER TO DETAIL 1 BELOW FOR CROSS SECTION
IT-01	INFILTRATION TRENCH	WEST SIDE PARKING LOT	225	T7.20	LENGTH = 45' WIDTH = 5' DEPTH = 3' MATERIAL = $1\frac{1}{2}$ ' $-\frac{3}{4}$ ' WASHED ROCK
IT-02	INFILTRATION TRENCH	EAST SIDE PARKING LOT, BLDG B	135	T7.20	LENGTH = 27' WIDTH = 5' DEPTH = 3' MATERIAL = $1\frac{1}{2}$ '' $-\frac{3}{4}$ '' WASHED ROCK
IT-03	INFILTRATION TRENCH	BLDG A, GRASS	135	T7.20	LENGTH = 30' WIDTH = 3' DEPTH = 3' MATERIAL = 1 ½" - ¾" WASHED ROCK

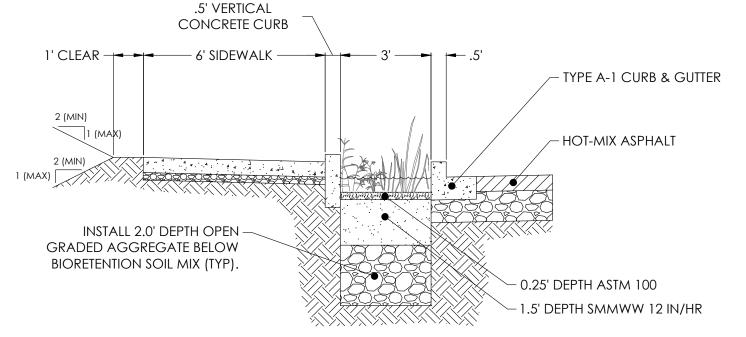
	STORM STRUCTURE LEGEND								
	MARK	DESCRIPTION	RIM	INVERT IN	INVERT OUT				
S	CB-1	TWO-CARTRIDGE STORMFILTER CATCH BASIN	32.36	N/A	30.06 (NW)				
S	CB-2	ONE-CARTRIDGE STORMFILTER CATCH BASIN	32.34	N/A	30.04(N)				
		CATCH DASIN				]			

\*\* SEE STORMFILTER CATCH BASIN DETAILS ON SHEET C02.02

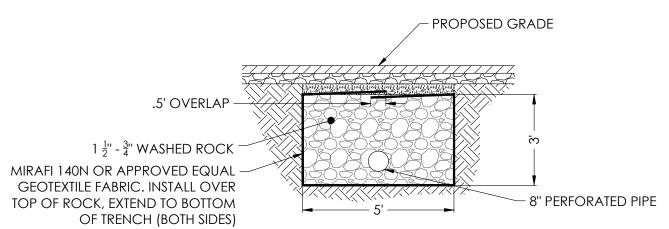
STORMWATER NOTES

1. CONTRACTOR SHALL CONFIRM INFILTRATION RATE AT THE LOCATION OF EACH INFILTRATION TRENCH PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONFIRM NO GROUNDWATER TO A DEPTH OF AT MIN. 6' BELOW EACH TRENCH. PROVIDE INFILTRATION RATE RESULTS AND GROUNDWATER INFORMATION TO THE CITY OF VANCOUVER AND PROJECT ENGINEER TO CONFIRM INFILTRATION FEASIBILITY.

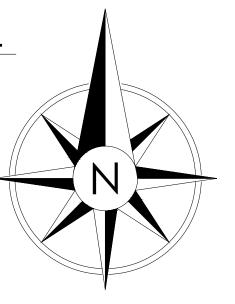
2. FLOOD STORAGE VOLUME BELOW 100 YR FLOOD ELEVATION: EXISTING STORAGE: 1,015 CY PROPOSED STORAGE: 1,170 CY

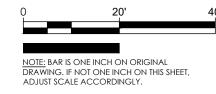






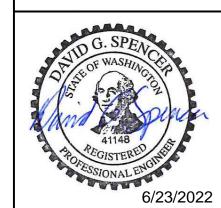






PRELIMINARY SITE PLAN REVIEW

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**ARTMENTS** PROJECT NAME: GOERIG APA

DRAWN: CHECKED: DGS SCALE SCALE AS NOTED

PROJECT: 22046

DESIGNED: DGS

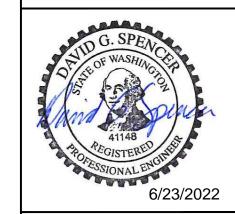
SHEET TITLE

STORMWATER MANAGEMENT PLAN

SHEET

CUT & FILL QUANTITY ESTIMATES: \*\*\* \*\*\* FOR BID/PROPOSAL PURPOSES CONTRACTOR SHALL CONFIRM/COMPUTE CUT AND FILL QUANTITIES INDEPENDENTLY. THESE NUMBERS DO NOT INCLUDE CUT = 798 CY FILL = 1301 CY SEWER MANHOLE SHRINK/SWELL AND ARE A COMPARISON OF FINISH RIM ELEV.=34.98' BOLTED SHUT NET = 503 CY FILL (UNADJUSTED) GRADE TO EXISTING GRADE. ASPHALT DRIVEWAY (I.E.=26.38' PER AS-BUILT WITH GRAVEL \ASSUMED DATUM ADJUSTMENT) DRIVEWAY TP 46.33 -1/2" ALUMINUM PUNCH<sup>12</sup>MARK TP 44.02-FOUND 3/4" INSID DIAMETER IRON F -TP 42.55 PPRTP 41,90 ELOW SURFACE O AF#970508043 TP 44,92 55 40"W TP 45.53 TP 42.00 SCOTT AVENUE RESIDENCE TP 42.00 ─ DUND 1/2" REBAR WITH YELLOW PLASTIC CAP INSIDE CUT ROCK, INSCRIBED K FFE = 42' TP 41.78 /FFE = 42' \_\_TP 41.00 TP 41.05-FFE = 41' TP 40.87 — └\_TP 42.23 FFE = 41' FFE = 40' TP 37.04 TP 32.00 FFE = 37' TP 32.00 ∕—TP 36.88 FFE = 39' FOUND 1/2" REBAR WITH YELLOW PLASTIC CAP INSIDE CUT ROCK, INSCRIBED K BLUHM, HELD - FOUND 1/2" REBAR WITH YELLOW PLASTIC CAP └─TP 35.64 INSIDE CUT ROCK, INSCRIBED K BLUHM, HE35.81 TP 35.91— └─TP 35.46 EX # 6TP 35.72— 15.0' WIDE EASEMENT TP 35.46— PRELIMINARY SITE PLAN REVIEW

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PROJECT NAME: GOERIG APARTMENTS PROJECT: 22046 DESIGNED: DGS

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SHEET TITLE

SCALE

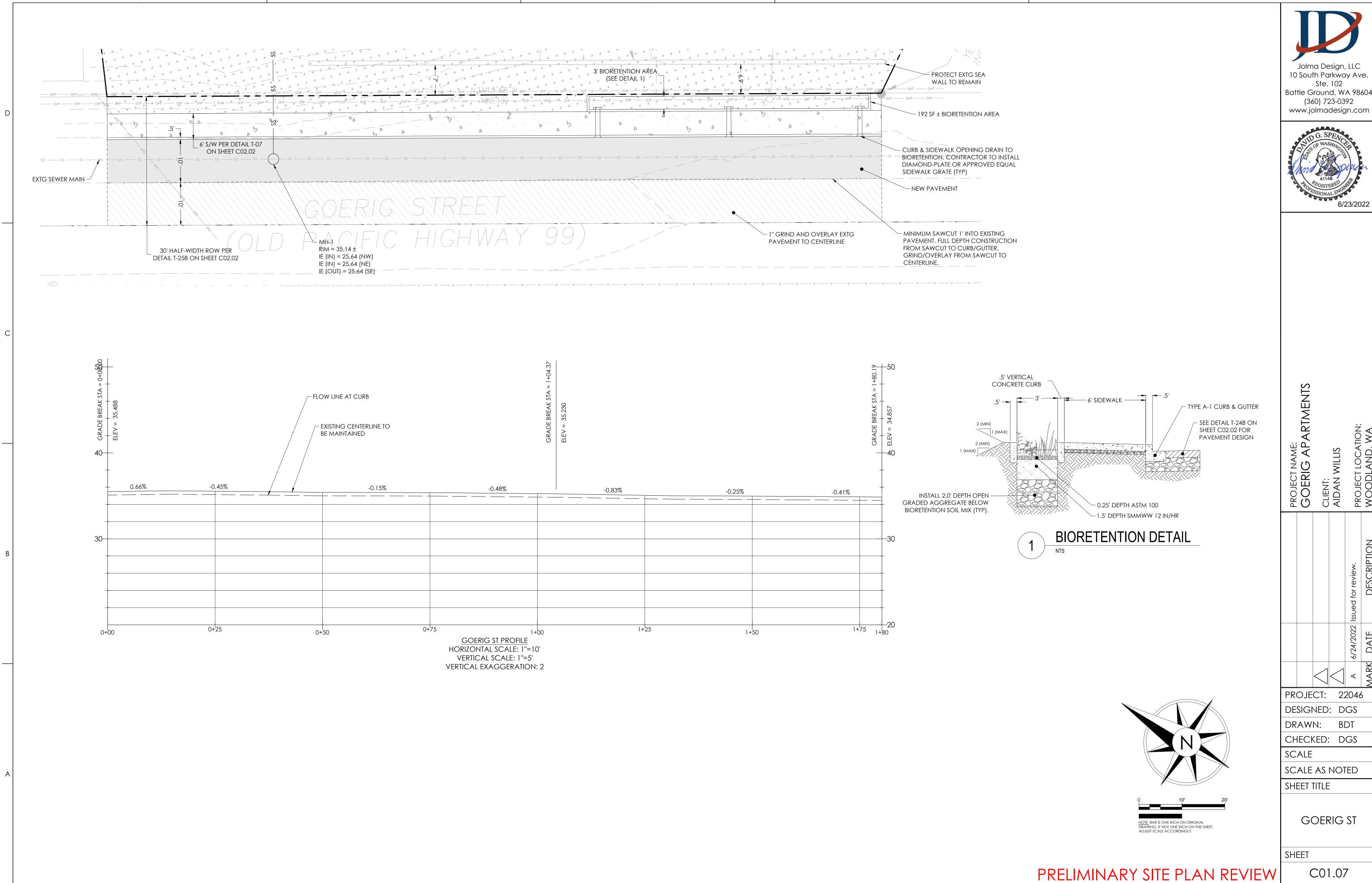
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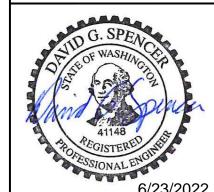
**GRADING PLAN** 

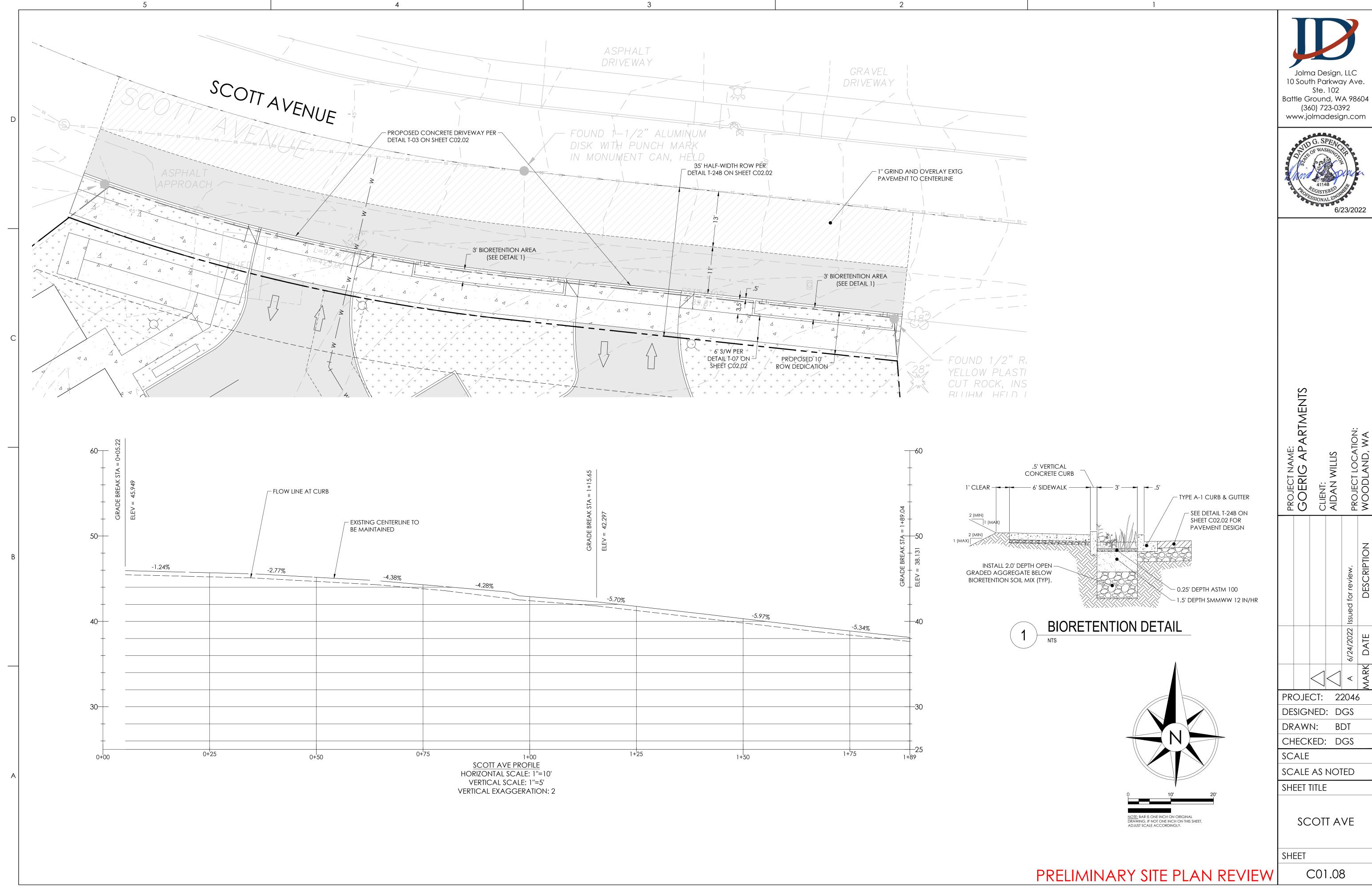
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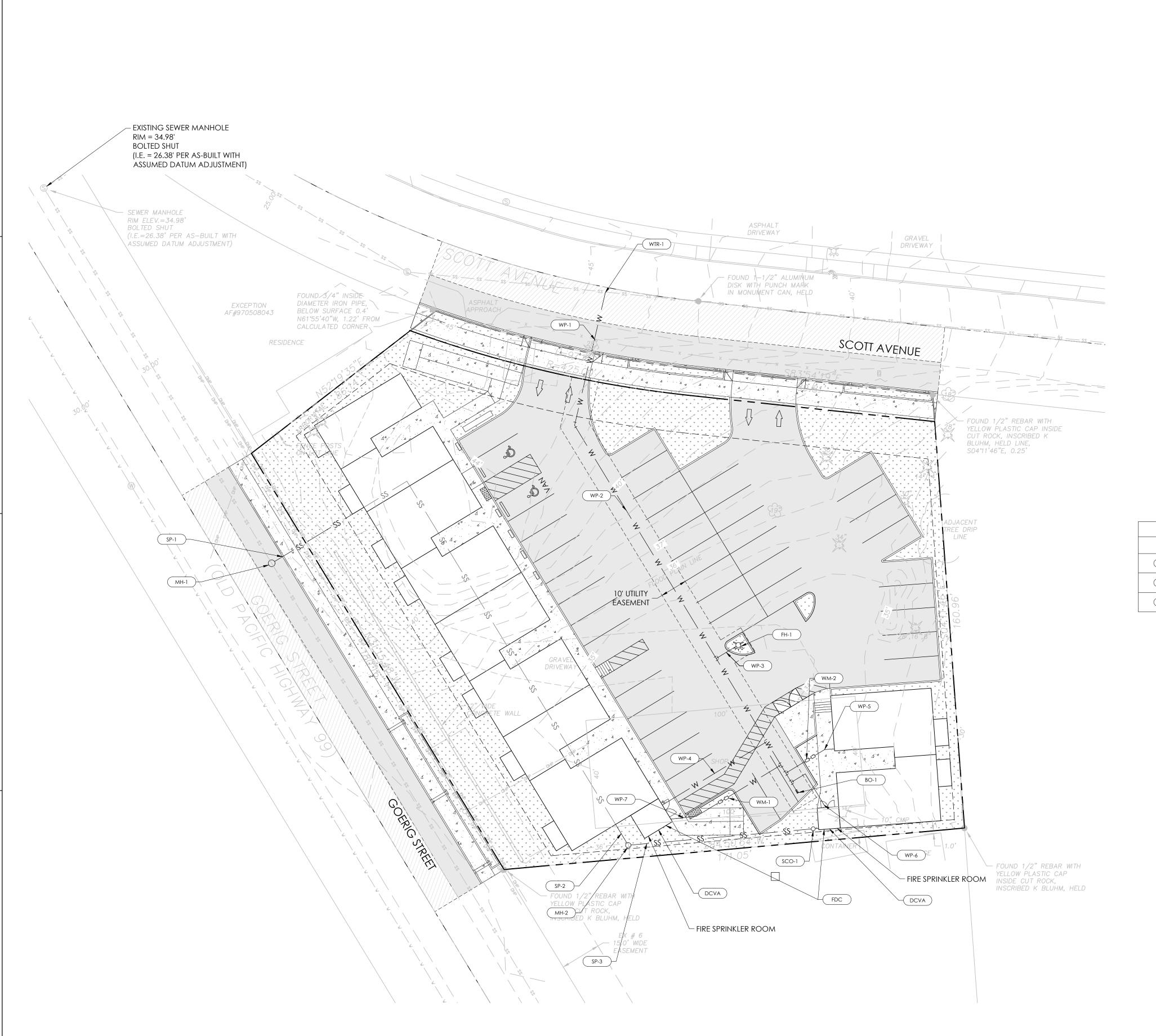
SHEET C01.06



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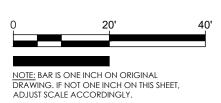
	WATER PIPE SCHEDULE								
MARK	SIZE	LENGTH	DESCRIPTION						
WP-1	8" WATER MAIN	50 LF	DUCTILE IRON						
WP-2	8" WATER MAIN	101 LF	DUCTILE IRON						
WP-3	6" WATER MAIN	9 LF	DUCTILE IRON						
WP-4	2" FIRE SERVICE	22 LF	DUCTILE IRON						
WP-5	1" DOM. WATER	20 LF	COPPER						
WP-6	2" FIRE SERVICE	22 LF	DUCTILE IRON						
WP-7	2" DOM. WATER	46 LF	COPPER						

WATER STRUCTURE SCHEDULE								
MARK	DESCRIPTION	DETAIL	NOTES					
FH-1	FIRE HYDRANT	SEE DETAIL W-14 ON SHEET C-02.04	N/A					
WM-1	WATER METER & BACK FLOW PREVENTER	N/A	INSTALL 2" STANDARD WATER SERVICE AND 2" METER					
WM-2	WATER METER & BACK FLOW PREVENTER	N/A	INSTALL 1" STANDARD WATER SERVICE AND 1" METER					
WTR-1	CONNECT TO WATER MAIN, 8" x 8" TEE	N/A	(1) 8" X 8" MJ TEE, (3) 8" MJ GATE VALVE, COORDINATE CONNECTION WITH CITY OF WOODLAND					
FDC	FIRE DEPARTMENT CONNECTION	N/A	INSTALL FIRE DEPARTMENT CONNECTIONS MOUNTED ON BUILDING(FDC) PER FIRE DISTRICT REQUIREMENTS					
DCVA	2" DOUBLE CHECK VALVE ASSEMBLY	N/A	DDCVA TO BE INSTALLED INSIDE BLDG (BY OTHERS)					
BO-1	STANDARD BLOW OFF	SEE DETAIL W-10 ON SHEET C02.05	N/A					

	SANITARY SEWER STRUCTURE SCHEDULE								
MARK	MARK DESCRIPTION DETAIL RIM INVERT IN INVERT OUT								
MH-1	SAMPLING MANHOLE	SEE DETAIL S-19 ON SHEET C02.04	35.14	25.64 (NW) 25.64 (NE)	25.64 (SE)				
MH-2	SAMPLING MANHOLE	SEE DETAIL S-19 ON SHEET C02.04	38.07	27.78 (E)	27.78 (W)				
SCO-1	CLEAN OUT	SEE DETAIL S-16 ON SHEET C02.04	34.36	28.45 (E)	28.45 (W)				

SANITARY SEWER PIPE SCHEDULE							
MARK SIZE LENGTH SLOPE							
SP-1	6" PVC C-900	39 LF	1.00%				
SP-2	6" PVC C-900	8 LF	1.00%				
SP-3	6" PVC C-900	70 LF	1.00%				





PRELIMINARY SITE PLAN REVIEW

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PROJECT NAME:

GOERIG APARTMENTS

CLIENT:
AIDAN WILLIS

AIDAN WILLIS

PROJECT LOCATION:
WOOD! AND WA

PROJECT: 22046

DESIGNED: DGS

DRAWN: BDT

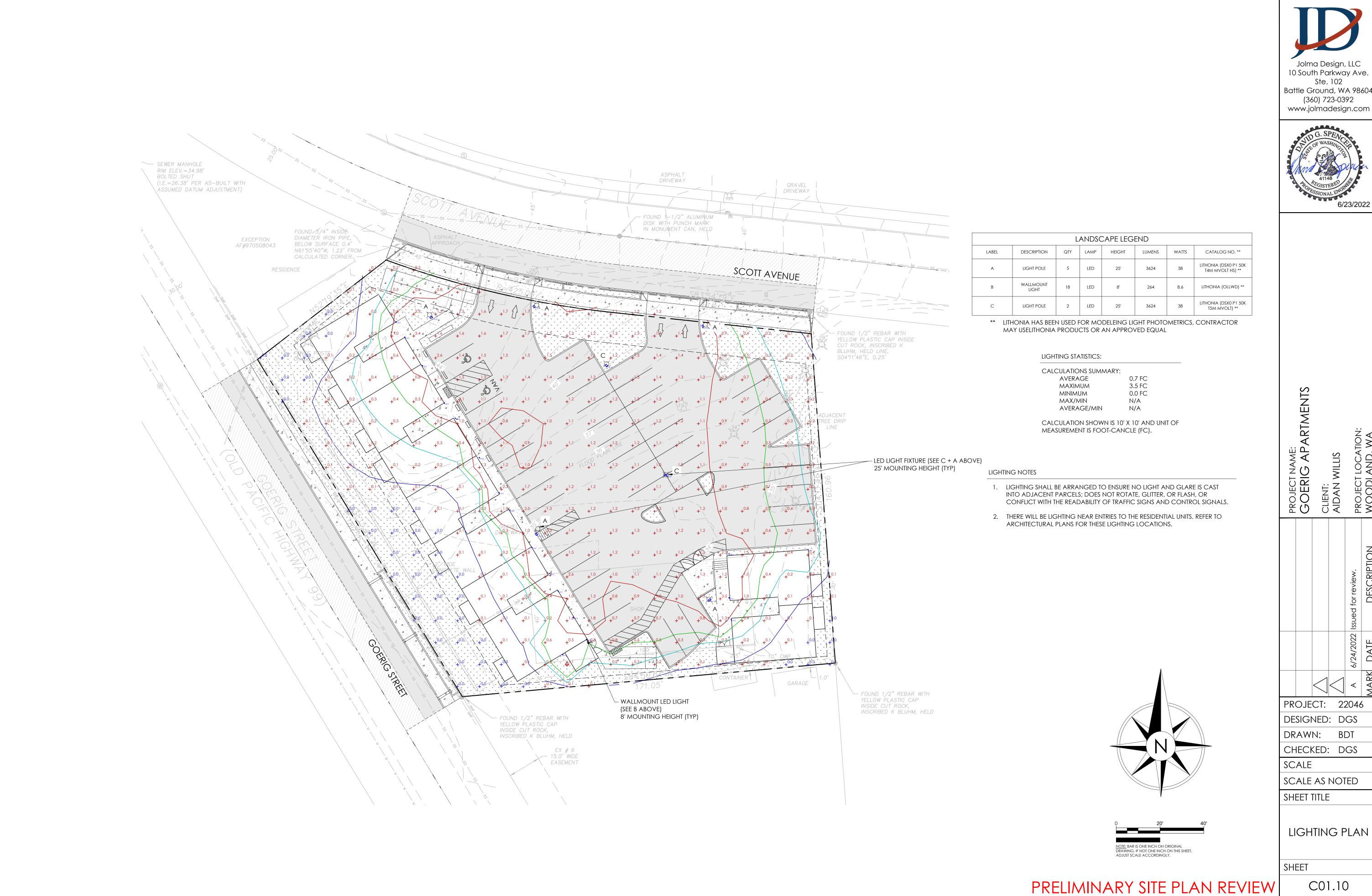
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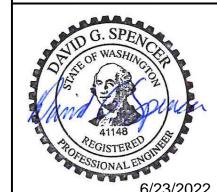
SCALE AS NOTED
SHEET TITLE

UTILITY PLAN

SHEET



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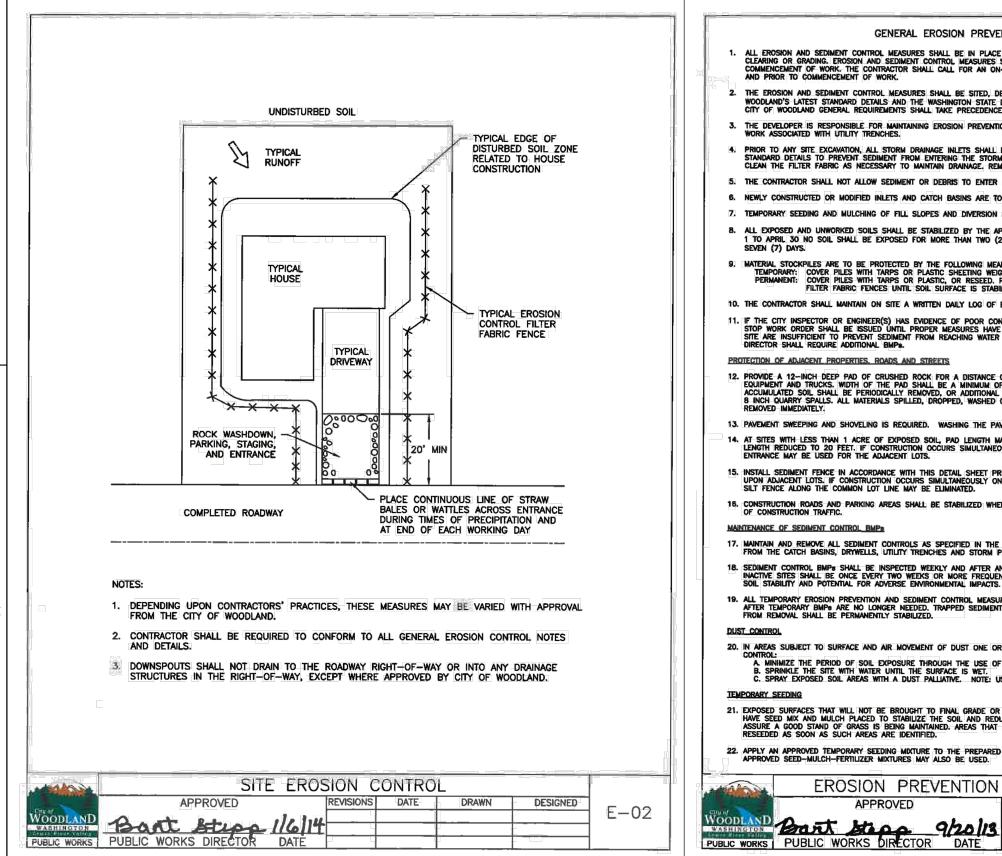


PROJECT LOCATION: WOODLAND, WA

PROJECT: 22046 DESIGNED: DGS

CHECKED: DGS

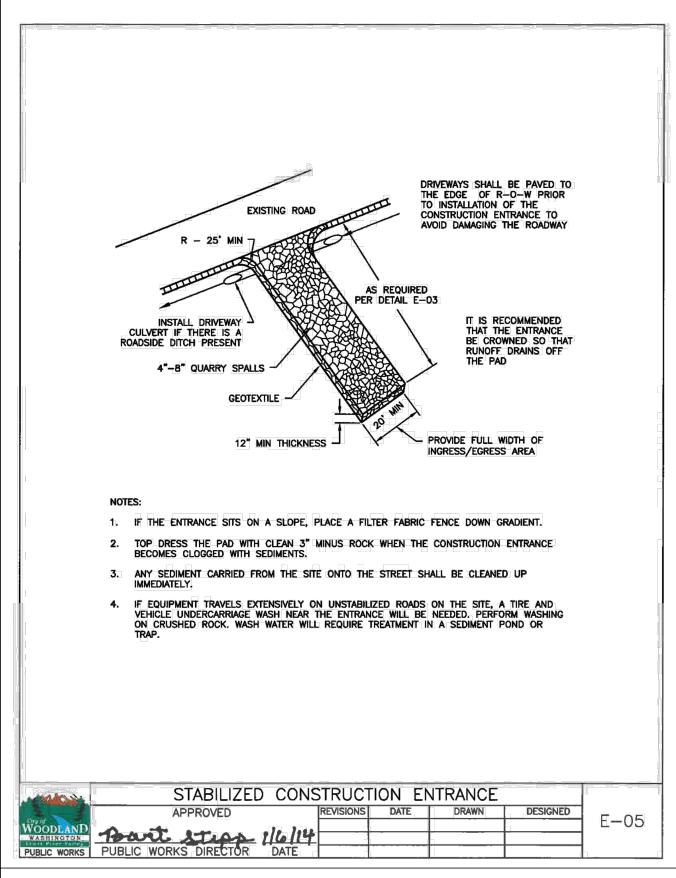
LIGHTING PLAN

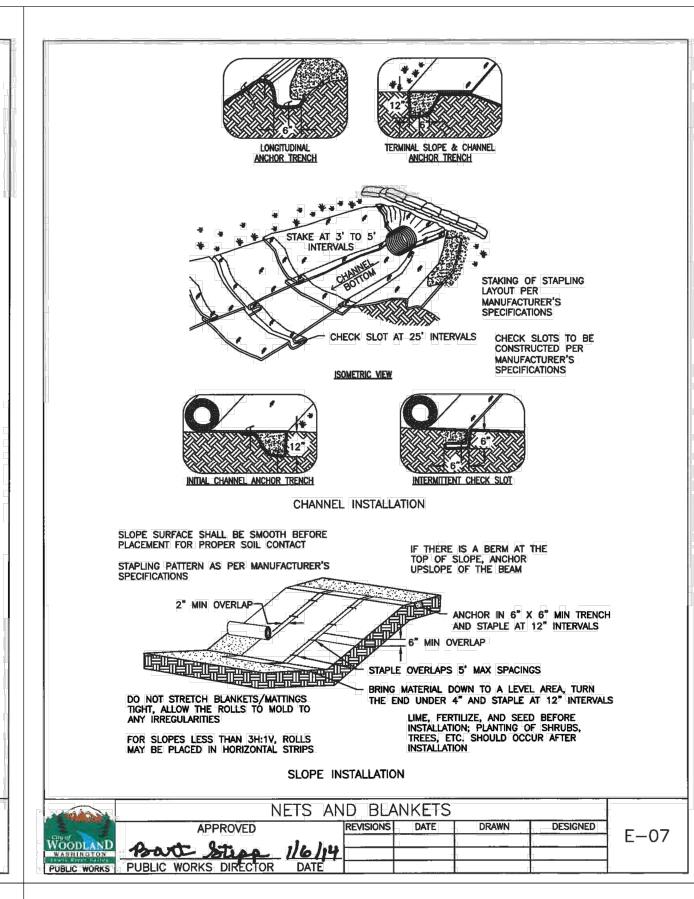


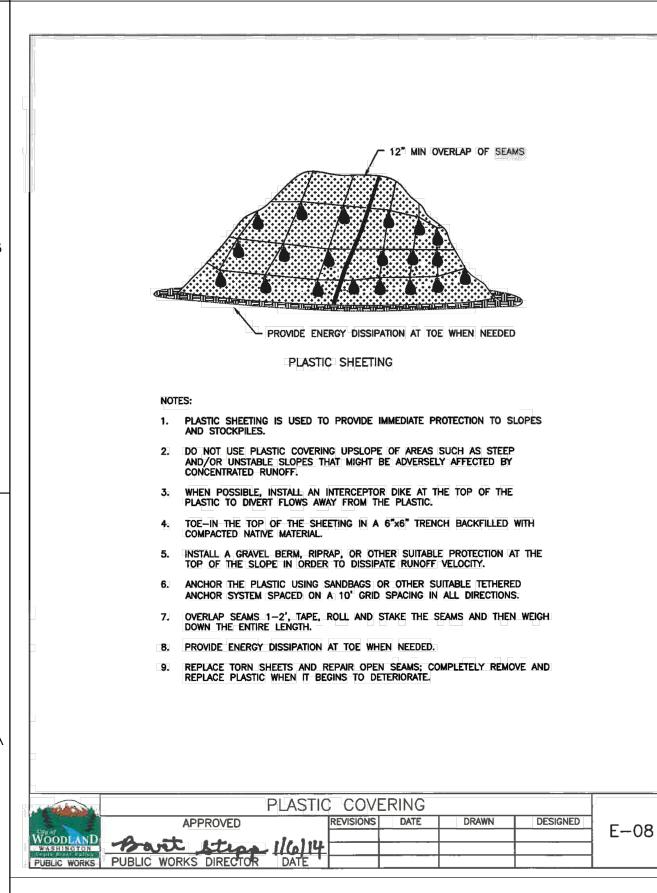


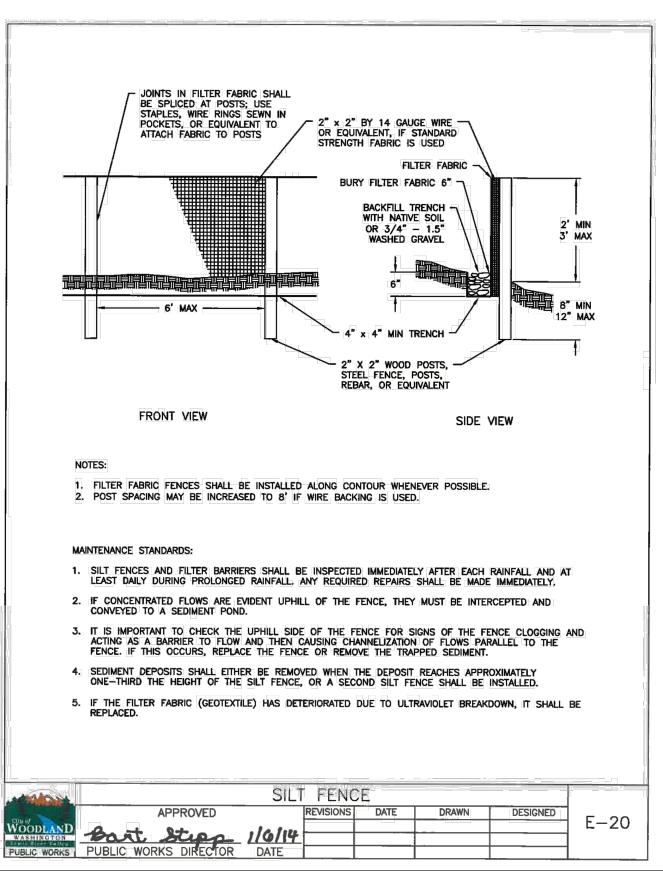
EROSION PREVENTION AND SEDIMENT CONTROL

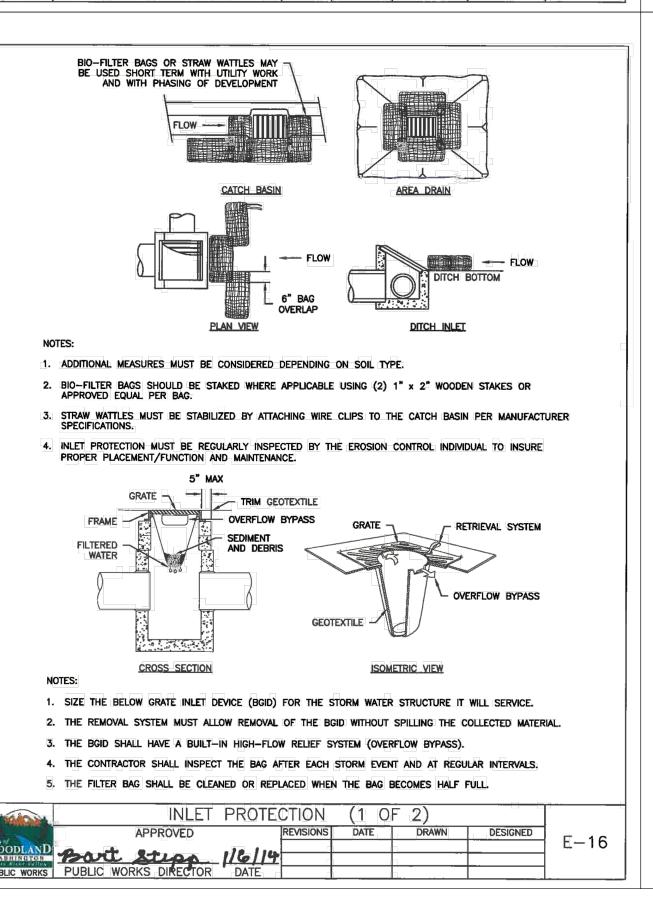
E - 03

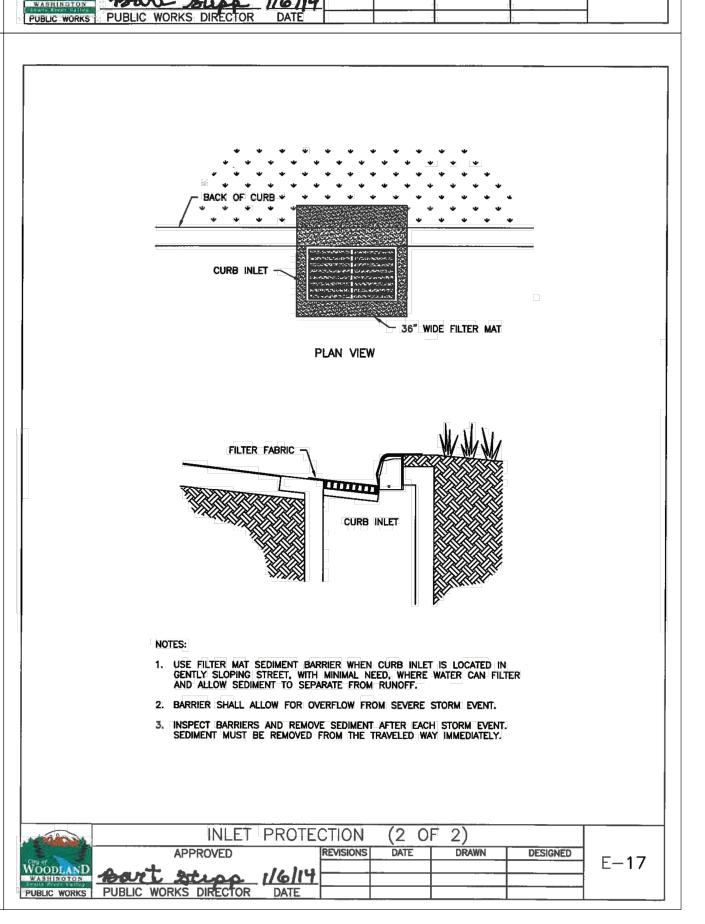


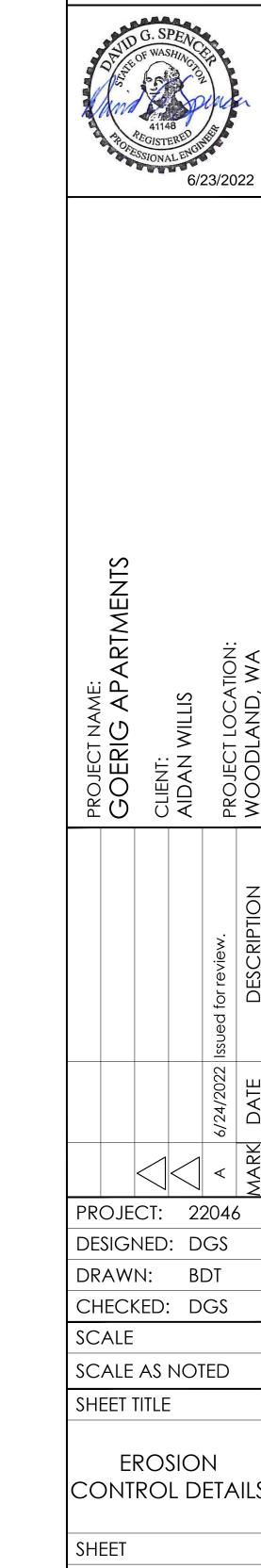












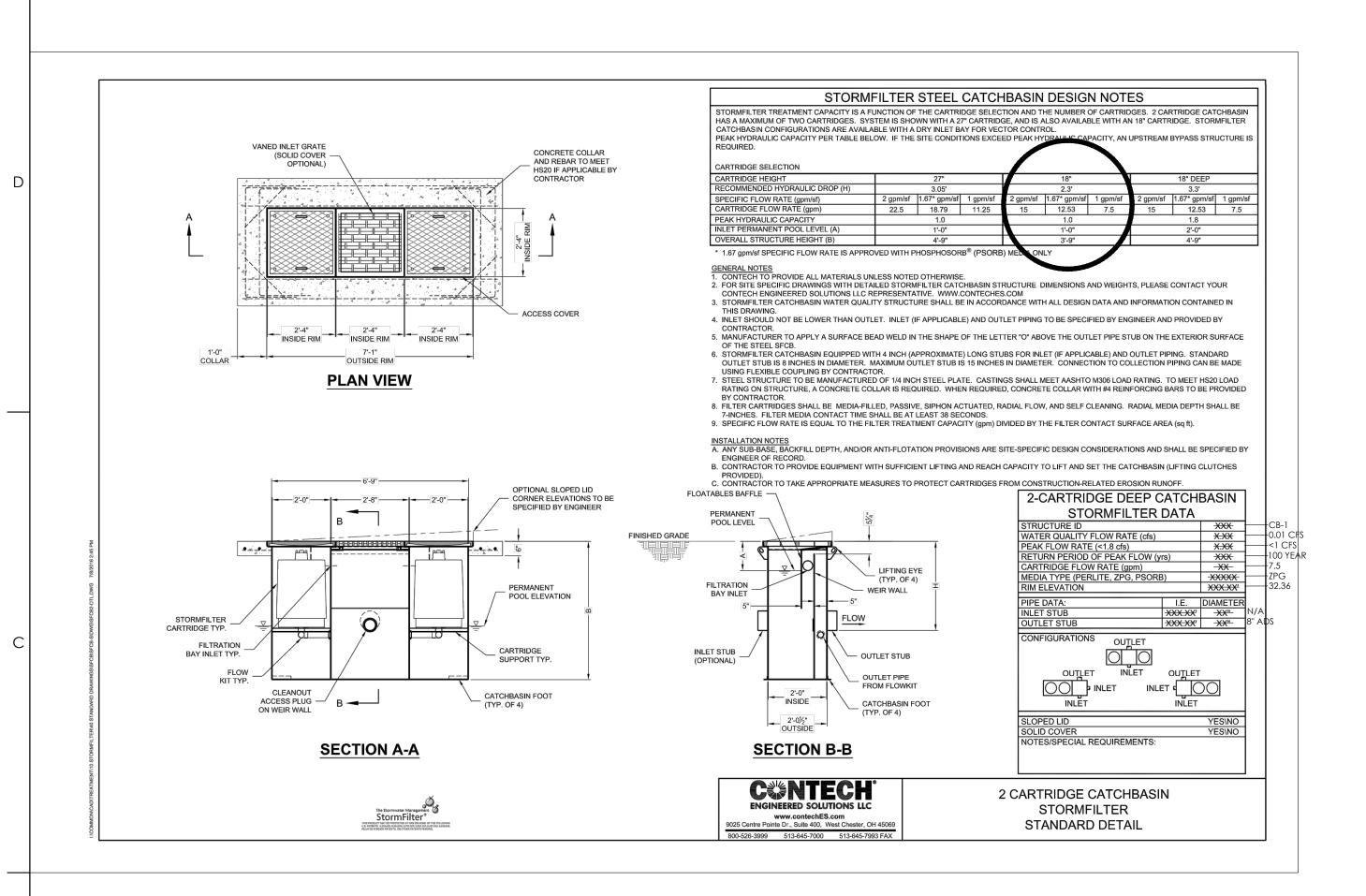
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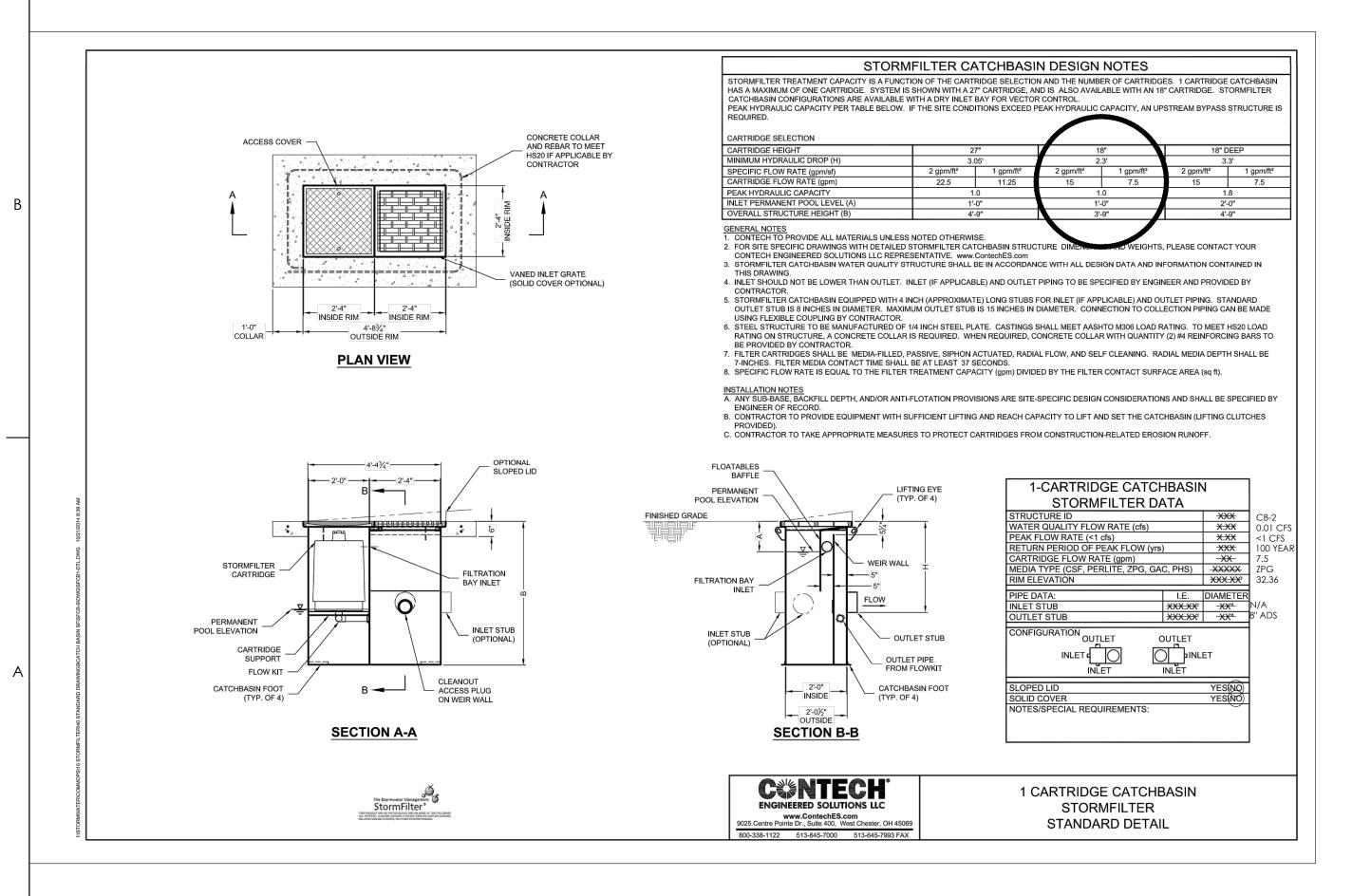
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HOUSECT NAME:
CLIENT:
CLIENT:
A 6/24/2022 Issued for review.

PROJECT LOCATION:
A 6/24/2022 Issued for review.

PROJECT LOCATION:
WOODLAND, WA

WOODLAND, WA

PRELIMINARY SITE PLAN REVIEW

C02.02

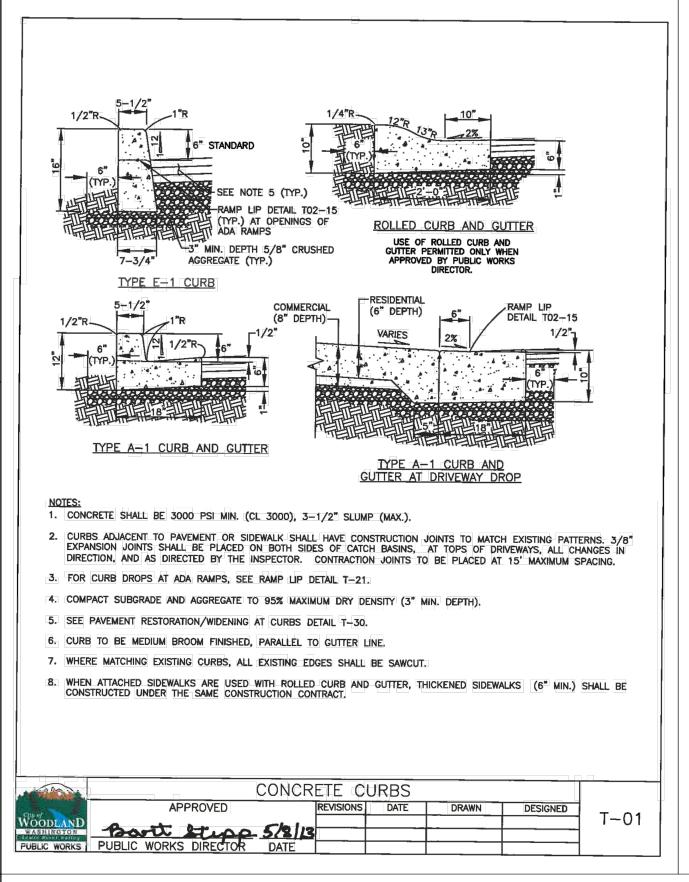
STORM DETAILS

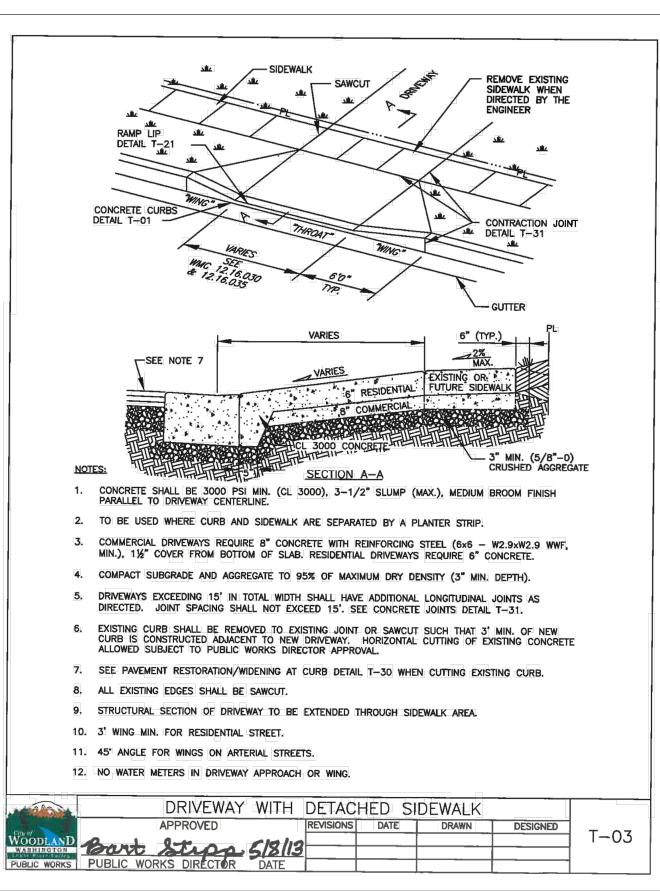
SCALE AS NOTED

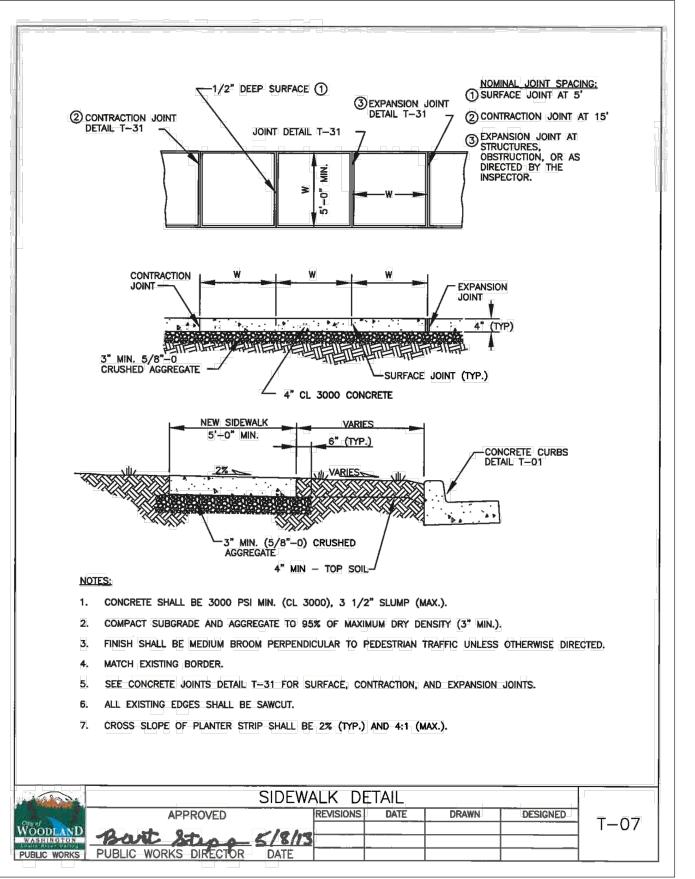
SCALE

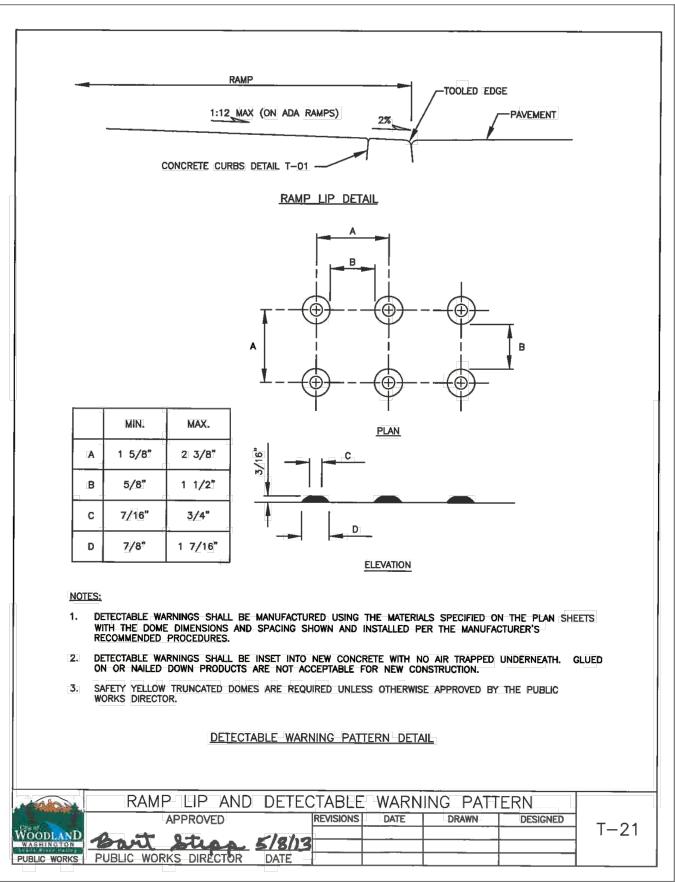
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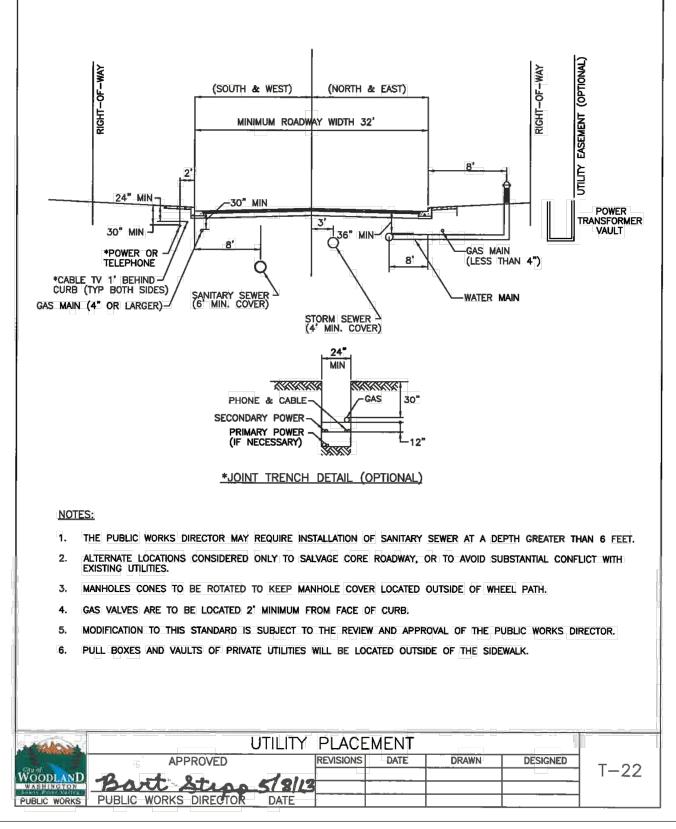
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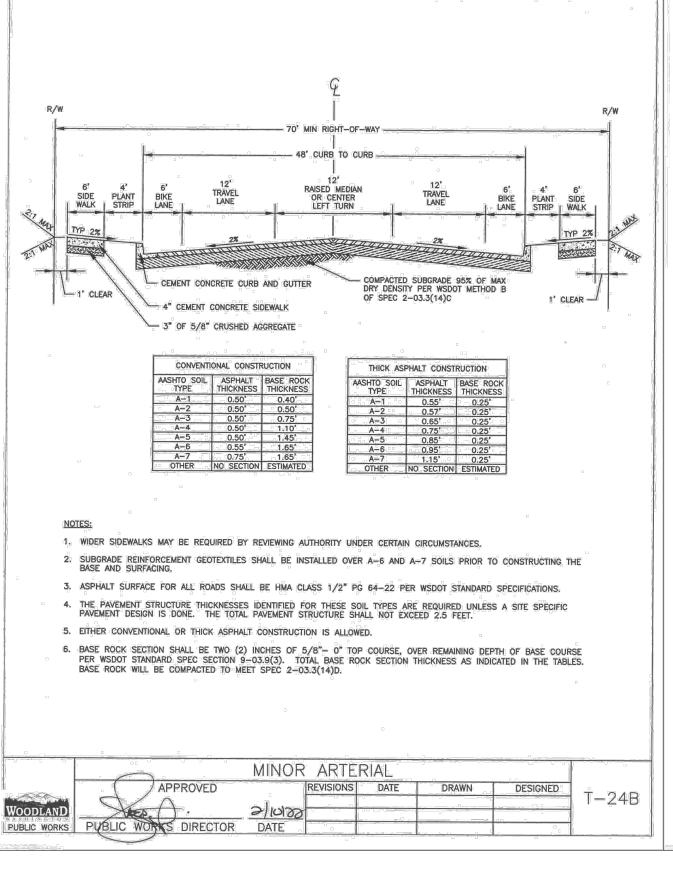


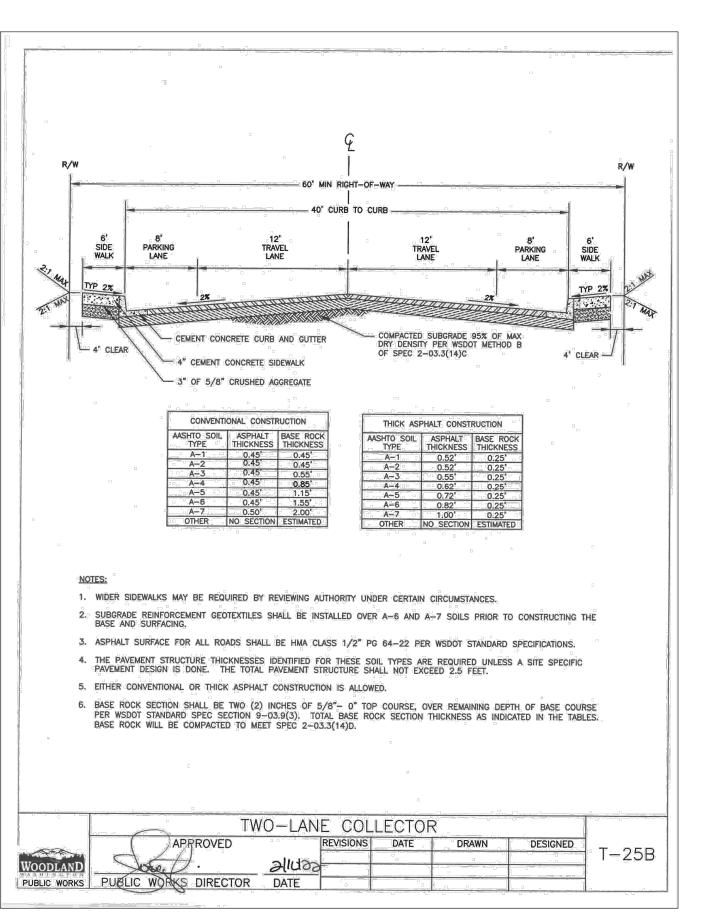




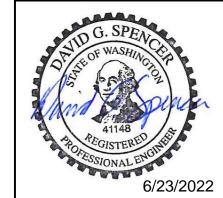












CLIENT:

SOURCE ISSUED FOR FOLSE ISSUED FOR FROJECT NAME:

COERIG APARTMENTS

CLIENT:

AIDAN WILLIS

AIDAN WILLIS

ANARK DATE DESCRIPTION

WOODLAND, WA

WOODLAND, WA

PRELIMINARY SITE PLAN REVIEW

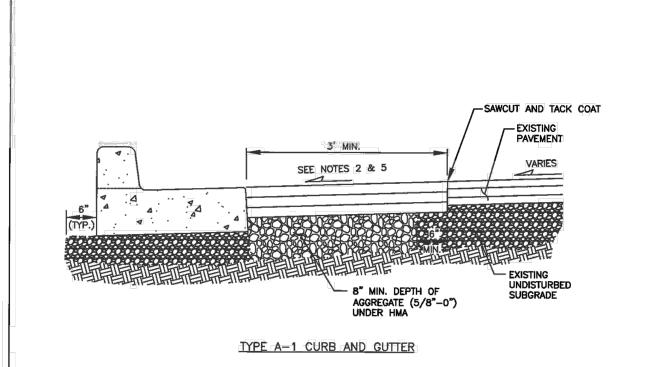
C02.03

STREET DETAILS

SCALE

SHEET TITLE

SCALE AS NOTED



### NOTES:

- 1. SEE CONCRETE CURBS DETAIL T-01 FOR CURBS.
- 2. PAVEMENT SECTION SHALL BE APPROVED IN ADVANCE AND COMPLETED TO THE SATISFACTION OF THE PUBLIC WORKS DIRECTOR.
- 3. THE EDGES OF ALL EXISTING ASPHALT SURFACES SHALL BE CLEANED AND A TACK COAT SHALL BE APPLIED PER THE STANDARD SPECIFICATIONS. ALL JOINTS SHALL BE SEALED WITH CRS-1 AND SANDED.
- 4. COMPACT SUBGRADE, CRUSHED AGGREGATE AND PAVEMENT TO 95% OF MAXIMUM DRY DENSITY.
- 5. HOT MIX ASPHALT SHALL BE (HMA) CLASS 1/2" PG 64-22 3 TO 30 ESAL MIX DESIGN. MINIMUM LIFT THICKNESS IS 0.15' MAXIMUM LIFT THICKNESS IS 0.35' FOR BASE COURSE AND 0.25' FOR SURFACE
- 6. MATCH EXISTING PAVEMENT SLOPE. NO STEEPER THAN 4% WITHOUT SPECIFIC CITY APPROVAL.
- 7. SAWCUT AND REMOVE EXISTING FAILING ASPHALT PAVEMENT.
- 8. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. MINIMUM 6" WIDTH, MAXIMUM HALF STREET WIDTH.
- 9. 3' MIN. PAVEMENT RESTORATION\_AROUND MANHOLE.

	PAVEMENT RES	TORATION/WIE	DENINO	G AT CUF	RBS	
C(t) IV	APPROVED	REVISIONS	DATE	DRAWN	DESIGNED	T—30
WOODLAND WASHINGTON PUBLIC WORKS	PUBLIC WORKS DIRECTOR	C/8/13				1 00

#### GENERAL NOTES:

- 1. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, EXCEPT WHERE OTHERWISE NOTED IN THESE STANDARDS. MATERIALS AND WORKMANSHIP SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION PREPARED BY THE WASHINGTON STATE CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA) AND THE WASHINGTON STATE DEPARTMENT OR TRANSPORTATION (WSDOT) AND SHALL COMPLY WITH THE CURRENT EDITION.
- 2. TRENCH BACKFILL AND RESURFACING SHALL BE AS SHOWN IN THE STANDARD DETAILS, UNLESS MODIFIED BY THE RIGHT OF WAY USE PERMIT. SURFACING DEPTHS AND PAVING LIMITS SHOWN IN THE STANDARD DETAILS ARE MINIMUMS AND MAY BE INCREASED BY THE DIRECTOR TO MEET TRAFFIC LOADINGS OR SITE CONDITIONS.
- THE DIRECTOR MAY REQUIRE MATERIALS COMPACTION AND MOISTURE TESTING. TESTING SHALL BE PERFORMED BY A LAB PRE APPROVED BY THE CITY WITH THE RESULTS BEING SUPPLIED TO THE DIRECTOR. THE TESTING IS NOT INTENDED TO RELIEVE THE CONTRACTOR FROM ANY LIABILITY FOR THE TRENCH RESTORATION. IT IS INTENDED TO SHOW THE INSPECTOR AND THE CITY THAT THE RESTORATION MEETS THIS SPECIFICATION.
- 4. THE FINAL PAVEMENT PATCH SHALL BE COMPLETED AS SOON AS POSSIBLE AND SHALL BE COMPLETED WITHIN THIRTY (30) DAYS AFTER FIRST OPENING THE TRENCH. THIS TIME FRAME MAY BE ADJUSTED IF DELAYS ARE DUE TO INCLEMENT WEATHER, OR OTHER ADVERSE CONDITIONS. HOWEVER, DELAYING OF FINAL PATCH OR OVERLAY WORK IS ALLOWABLE ONLY SUBJECT TO THE DIRECTOR'S APPROVAL. THE DIRECTOR MAY DEEM IT NECESSARY TO COMPLETE THE WORK WITHIN THIRTY (30) DAYS TIME FRAME AND NOT ALLOW ANY TIME EXTENSION. IF THIS OCCURS, THE CONTRACTOR SHALL PERFORM THE NECESSARY WORK AS DIRECTED. PATCHES, REPAIRS, OR OVERLAYS SHALL ONLY BE INSTALLED NEXT TO A CLEAN, NEAT SAWCUT LINE.
- 5. WHEN TRENCHING WITHIN THE ROADWAY SHOULDERS, THE SHOULDER SHALL BE RESTORED TO ITS ORIGINAL OR BETTER CONDITION. LONGITUDINAL TRENCH RESTORATION REQUIRING A HALF LANE WIDTH OR MORE SHALL BE REQIRED TO RESTORE THE ENTIRE LANE TO CENTERLINE. UNDERMINED PAVEMENT SHALL BE CUT BACK, REMOVED, AND RESTORED TO LIMITS AS REQUIRED BY THE DIRECTOR TO ALLOW COMPACTION AND BACKFILL OF DISTURBED AREAS. LIMITS OF TRENCH RESTORATION SHALL BE IDENTIFIED PRIOR TO TRENCH BACKFILL.
- 6. ANY PATCH OR OVERLAY ON ARTERIAL STREETS OR AREAS ZONED COMMERCIAL SHALL BE PERMANENT AND COMPLETED AS SOON AS POSSIBLE.
- 7. IF A PAVEMENT CUT IS PROPOSED IN A STREET THAT WAS CONSTRUCTED OR RE-PAVED WITHIN THE PAST FIVE YEARS, A DISRUPTION FEE WILL BE CHARGED IN ACCORDANCE WITH WMC 12.04.060. TRENCHLESS CONSTRUCTION METHODS MUST BE EXPLORED ON ALL PAVED ROAD CROSSINGS REGARDLESS OF THE PAVEMENT CONDITION.
- 8. CONTROL DENSITY FILL IS REQUIRED WHEN TRENCHING IN ARTERIAL STREETS, AND STREETS LOCATED IN THE CENTRAL BUSINESS DISTRICT. FOR LONGITUDINAL TRENCHES ALTERNATIVE METHODS OF RESTORATION MAY BE CONSIDERED.
- 9. THE OWNER SHALL WARRANTY THE RESTORATION WORK FOR A PERIOD OF 2 YEARS ON RESIDENTIAL, LOCAL, AND UNCLASSIFIED STREETS AND 5 YEARS ON COLLECTOR AND ARTERIAL STREETS. FRANCHISE UTILITIES SHALL WARRANTY THEIR WORK FOR THE LIFE OF THE RESTORATION: THE OWNER SHALL REPAIR ANY OF THE FOLLOWING DEFICIENCIES WHICH OCCUR DURING THIS TIME PERIOD.
  - SETTLEMENT OR BUMP: ANY SETTLEMENT OR BUMP MORE THAN 1/4 INCH LOWER OR HIGHER THAN THE ORIGINAL PAVEMENT SHALL BE REPAIRED. REPAIR MAY INCLUDE REMOVAL AND REPLACEMENT OR SKIN PATCHING AND WILL BE DETERMINED BY THE DIRECTOR.

    EDGE SEPARATION: ANY SEPARATION OF THE TRENCH FROM SURROUNDING ROADWAY GREATER THAN 1/4 INCH SHALL BE CRACK SEALED PER WSDOT STANDARD SPECIFICATIONS SECTION 5-04.

    ALLIGATOR CRACKING: ANY TRENCH PAVEMENT WHICH EXHIBITS ALLIGATOR CRACKING SHALL BE REPLACED. THE REPLACEMENT SHALL BE IN CONFORMANCE WITH THE PAVEMENT REPAIR SECTION OF THE STANDARD SPECIFICATIONS.

    RAVELING: RAVELING IS DEFINED AS SURFACE DETERIORATION THAT OCCURS WHEN AGGREGATE PARTICLES ARE DISLODGED OR OXIDATION CAUSES LOSS OF ASPHALT BINDER. THE ASPHALT CONCRETE PAVEMENT LOSES ITS SMOOTH SURFACE AND BEGINS TO APPEAR VERY OPEN AND ROUGH. MEDIUM SEVERITY RAVELING AS DEFINED BY THE "PAVEMENT SURFACE CONDITION FIELD RATING MANUAL FOR ASPHALT PAVEMENT" DEVELOPED BY THE NORTHWEST PAVEMENT MANAGEMENT ASSOCIATION SHALL BE PLANED
- 10. PAVEMENT REMOVAL SHALL ONLY BE ACCOMPLISHED BY USE OF SAWCUTTING, PLANING, OR GRINDING EQUIPMENT SPECIFICALLY DESIGNED FOR THIS PURPOSE. TO ACCOMPLISH A NEAT STRAIGHT CUT LINE. USE OF PAVEMENT RIPPERS IS PROHIBITED.
- 11. ALL PAVEMENT, CURB, GUTTER, OR SIDEWALK DAMAGED AS A RESULT OF CONTRACTOR ACTIVITY SHALL BE RESTORED TO ORIGINAL CONDITION. PAVEMENT SHALL BE RESTORED TO NOT LESS THAN THE ORIGINAL CROSS SECTION AND STRENGTH. WHERE PAVEMENT, CURB, GUTTER, OR SIDEWALK HAVE BEEN UNDERMINED BY TRENCHING, IT SHALL BE REMOVED. THE SUBGRADE RESTORED AND SURFACES REPLACED TO LIMITS AS APPROVED BY THE CITY.

	STANDARD	TRENCH	REST	ORATIC	N NOTES	5	-
	APPROVED		REVISIONS	DATE	DRAWN	DESIGNED	T 70
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WASHINGTON	Bart Stepp						
PUBLIC WORKS	PUBLIC WORKS DIRECTOR	DATE					





ROJECT LOCATION:

PROJECT NAME: GOERIG APARTMENTS

PROJECT: 22046
DESIGNED: DGS
DRAWN: BDT

CHECKED: DGS

SCALE AS NOTED

SHEET TITLE

STREET DETAILS

SHEET

C02.04

PRELIMINARY SITE PLAN REVIEW

## GENERAL NOTES FOR SANITARY SEWER

ALL MATERIALS AND INSTALLATION OF SANITARY SEWERS SHALL BE IN CONFORMANCE WITH THE MOST CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS", PREPARED BY THE WASHINGTON STATE CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA) AND THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION, EXCEPT AS NOTED HEREIN OR ON THE STANDARD PLANS. WHEREVER THE STANDARD SPECIFICATIONS REFER TO THE OWNER AS EITHER THE "STATE" OR "SECRETARY" OR WHEN REFERENCE IS MADE TO THE DEPARTMENT OF TRANSPORTATION IT SHALL BE UNDERSTOOD THAT THE STANDARD SPECIFICATIONS SHOULD READ THE "CITY".

ALL SANITARY SEWER CONSTRUCTION IS SUBJECT TO INSPECTION AND APPROVAL BY THE CITY OF WOODLAND PUBLIC WORKS DEPARTMENT. THE CONTRACTOR SHALL NOTIFY THE CITY AT (360) 225-7999 AT LEAST 48-HOURS PRIOR TO THE START OF CONSTRUCTION. A PRE-CONSTRUCTION CONFERENCE MAY BE REQUIRED.

THE CONTRACTOR IS REQUIRED TO NOTIFY ALL UTILITIES 48 HOURS PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR MUST CONTACT THE UNDERGROUND UTILITY NOTIFICATION CENTER "CALL BEFORE YOU DIG" AT (800) 424-5555 OR 811".

FINAL ACCEPTANCE OF SANITARY SEWERS ARE SUBJECT TO SECTIONS 1-05.11, 1-05.12, 7-17.3(2)E.

7-17.3(2)F, 7-17.3(2)G AND 7-17.3(2)H OF THE STANDARD SPECIFICATIONS. TELEVISION INSPECTION SHALL INCLUDE VIDEO OF ALL MANHOLES IN ADDITION TO THE PIPE. THE CONTRACTOR SHALL WARRANTY ALL WORK DONE UNDER CITY CONTRACT FOR A PERIOD OF TWO (2) YEARS AS PER OF THE CITY OF WOODLAND GENERAL PROVISIONS FOR MUNICIPAL CONSTRUCTION.

LOCAL VARIATIONS IN SLOPE (I.E. "BELLIES") MUST BE NO MORE THAN 1/2" MAXIMUM. VARIATIONS IN EXCESS OF THESE TOLERANCES MUST BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE CITY.

ALL PIPE AND FITTINGS SHALL CONFORM TO THE FOLLOWING:

A. POLYVINYL CHLORIDE (PVC) SEWER PIPE 15" DIAMETER OR LESS SHALL CONFORM TO ASTM D3034, SDR 35. IT SHALL HAVE A MINIMUM PIPE STIFFNESS OF 46 PSI. PVC PIPE 18" DIAMETER SHALL CONFORM TO ASTM F 679. ALL PVC PIPE SHALL HAVE AN INTEGRAL BELL GASKETED JOINT WITH ELASTOMERIC GASKET AND SHALL BE FURNISHED IN 12-1/2 FOOT LAYING LENGTHS.

B. DUCTILE IRON (DI) PIPE SHALL CONFORM TO ANSI A21.51 OR AWWA C151, WITH PUSH-ON JOINTS, CLASS 52, UNLESS OTHERWISE NOTED.

INSTALLATION OF PIPE AND MANHOLES SHALL CONFORM TO THE FOLLOWING:

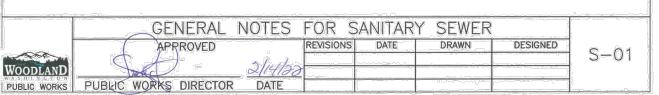
A. PIPE SHALL BE INSTALLED IN CONFORMANCE WITH PIPE DETAIL S-02 AND TRENCHING DETAIL S-03.

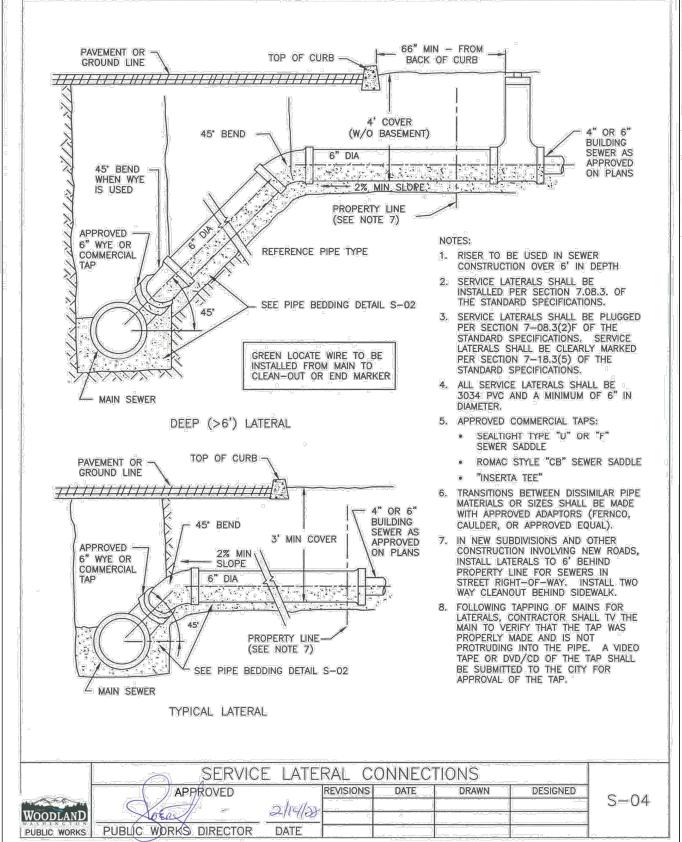
B. MANHOLES SHALL CONFORM WITH STANDARD DETAILS S-07 THROUGH S-14.

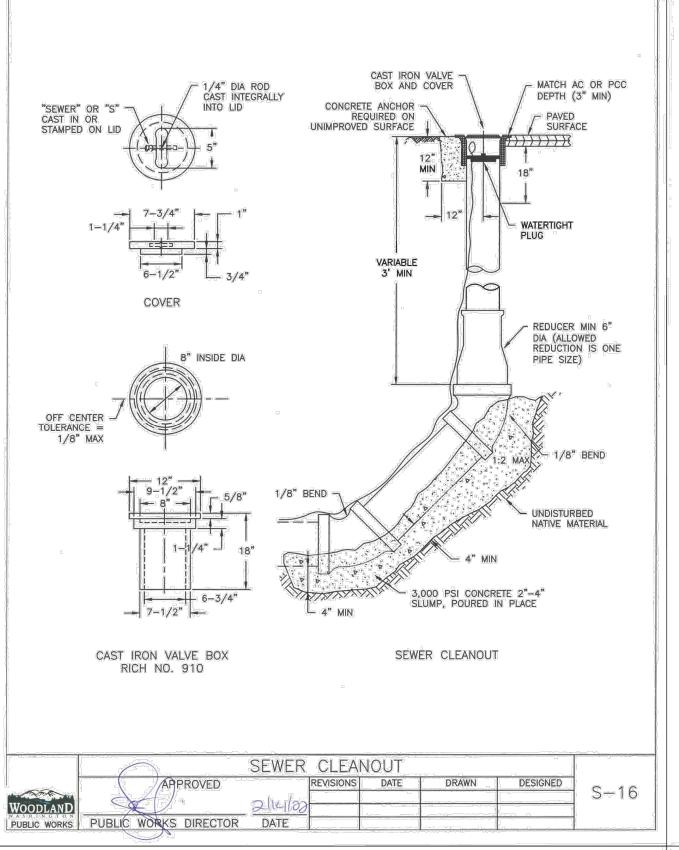
MANHOLES, CLEANOUTS, SERVICE LATERAL CONNECTIONS, TRENCH EXCAVATION, PIPE BEDDING AND STREET RESTORATION, AND APPURTENANCES SHALL CONFORM TO THE CITY OF WOODLAND STANDARD PLANS, THE WSDOT STANDARD DETAILS CONTAINED AND THE STANDARD PLANS FOR ROAD, BRIDGE AND MUNICIPAL

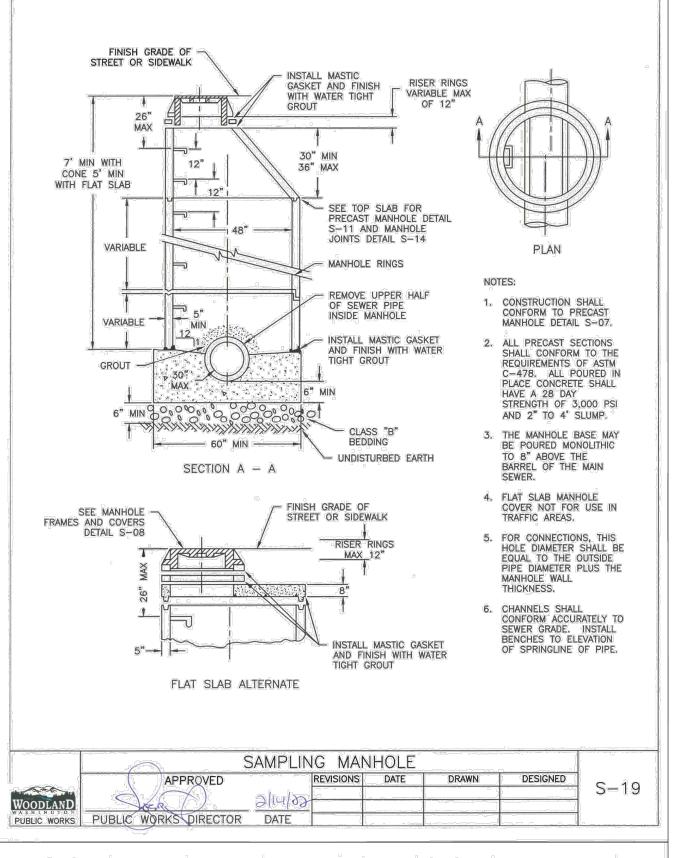
THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF ALL PERMITS ISSUED OR EASEMENTS GRANTED TO THE CITY IN CONJUNCTION WITH THE CONSTRUCTION OF SANITARY SEWERS. THE CONTRACTOR SHALL OBTAIN A RIGHT-OF-WAY PERMIT FOR WORK WITHIN THE PUBLIC RIGHT-OF-WAY.

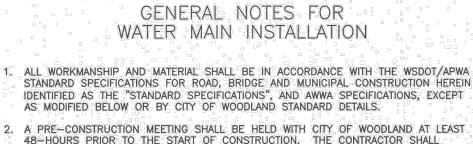
THE CONTRACTOR SHALL SUBMIT AN APPROVED TRAFFIC CONTROL PLAN. APPROVAL SHALL BE OBTAINED PRIOR TO BEGINNING CONSTRUCTION.





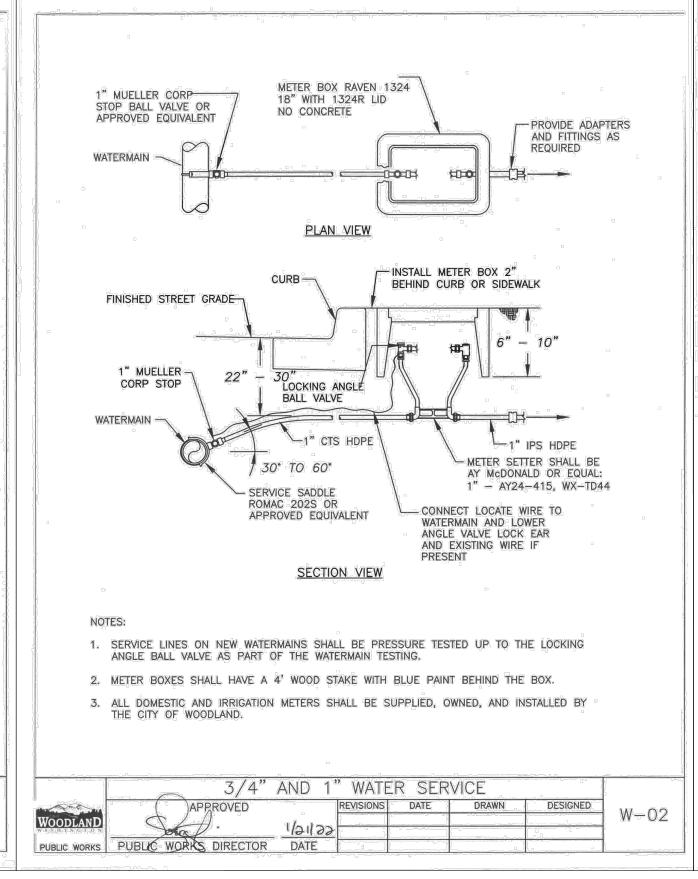


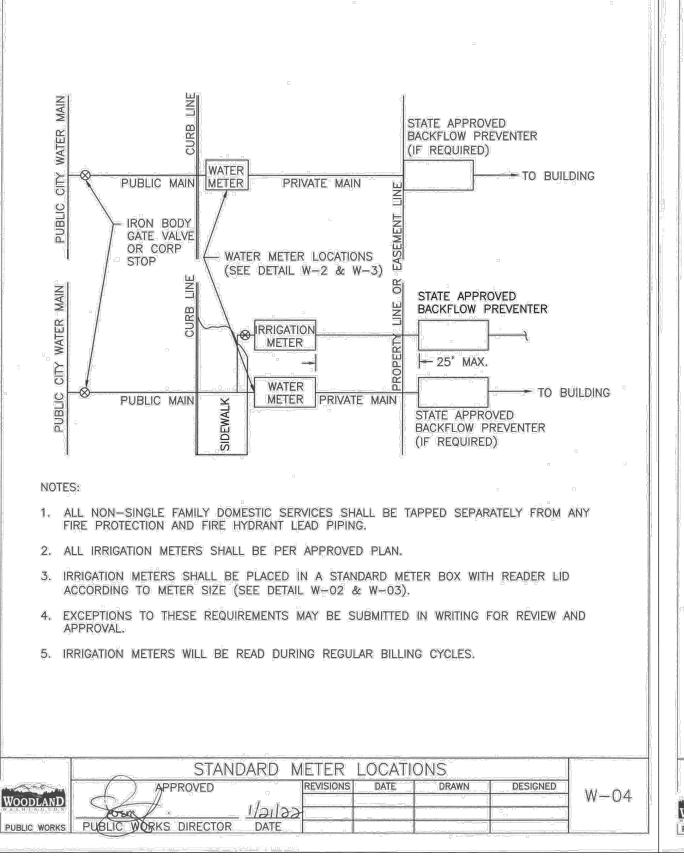


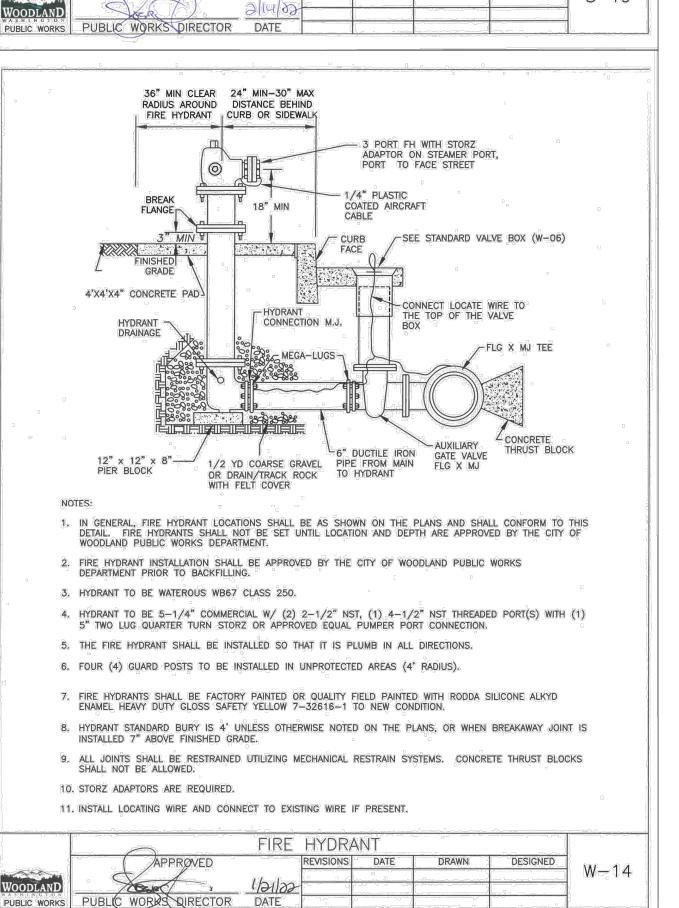


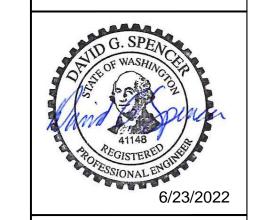
- 2. A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH CITY OF WOODLAND AT LEAST 48-HOURS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION SCHEDULES AND TRAFFIC CONTROL PLANS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. PROPOSED "EQUIVALENTS" MUST BE SUBMITTED TO THE CITY OF WOODLAND FOR APPROVAL.
- 3. THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC WORKS DEPARTMENT AT (360) 225-7999, 48-HOURS PRIOR TO LIVE TAPS OR OTHER CONNECTIONS TO EXISTING WATERMAINS. WHERE CONNECTIONS REQUIRE SHUT-DOWN OF SERVICE, CONNECTION POINTS WILL BE EXPOSED FOR "FIELD VERIFICATION" BY CONTRACTOR AND CONNECTION DETAILS SHALL BE VERIFIED 48 HOURS PRIOR TO DISTRIBUTING SHUT-DOWN NOTICES.
- 4. CALL UNDERGROUND LOCATE AT 811 A MINIMUM OF 48-HOURS PRIOR TO ANY EXCAVATIONS.
- 5. UNLESS OTHERWISE ESTABLISHED IN WRITING BY THE CITY, ALL WATER MAINS SHALL BE STAKED FOR GRADES AND ALIGNMENT BY AN ENGINEERING OR SURVEYING FIRM CAPABLE OF PERFORMING SUCH WORK.
- 6. EXISTING VALVES AND ANY VALVES INSTALLED DIRECTLY TO AND CONNECTED TO A PORTION OF ACTIVE WATER SYSTEM ARE TO BE OPERATED BY CITY OF WOODLAND REPRESENTATIVES ONLY
- 7. WATER MAINS SHALL BE PVC IN ACCORDANCE WITH AWWA C900, MINIMUM DR18 OR DUCTILE IRON PRESSURE CLASS 52 OR AS NOTED ON DRAWING. ALL MATERIAL IN SUBSTANTIAL CONTACT WITH DRINKING WATER MUST CONFORM TO ANSI/NSF STANDARD 61 AND BE LEAD FREE.
- 8. ALL LINES SHALL BE CHLORINATED AND TESTED IN CONFORMANCE WITH THE STANDARD SPECIFICATIONS PRIOR TO USE.
- 9. HARD COPY AND ELECTRONIC "AS-BUILT" DRAWINGS SHALL BE SUBMITTED TO CITY OF WOODLAND UPON COMPLETION OF THE WORK.
- 10. ALL WATERMAINS, FIRE HYDRANTS, BLOW OFF ASSEMBLIES, VACUUM BREAKERS, AND WATER SERVICES MUST HAVE LOCATE WIRE INSTALLED.
- 11. ALL MECHANICAL JOINT FITTINGS SHALL BE RESTRAINED USING MJ FOLLOWER GLANDS, MEGALUG, OR EQUAL.

	GENERAL NO	DIES FOR WATER	MAIN INSTALL	
	APPROVED	REVISIONS DA	TE DRAWN DESIGN	M_01
WOODLAND		1-13-22		
PUBLIC WORKS	PUBLIC WORKS DIRECTOR	DATE		









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AIDAN WILLIS

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DESCRIPTION

WOODLAND, WA

WOODLAND, WA

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PRELIMINARY SITE PLAN REVIEW

C02.05

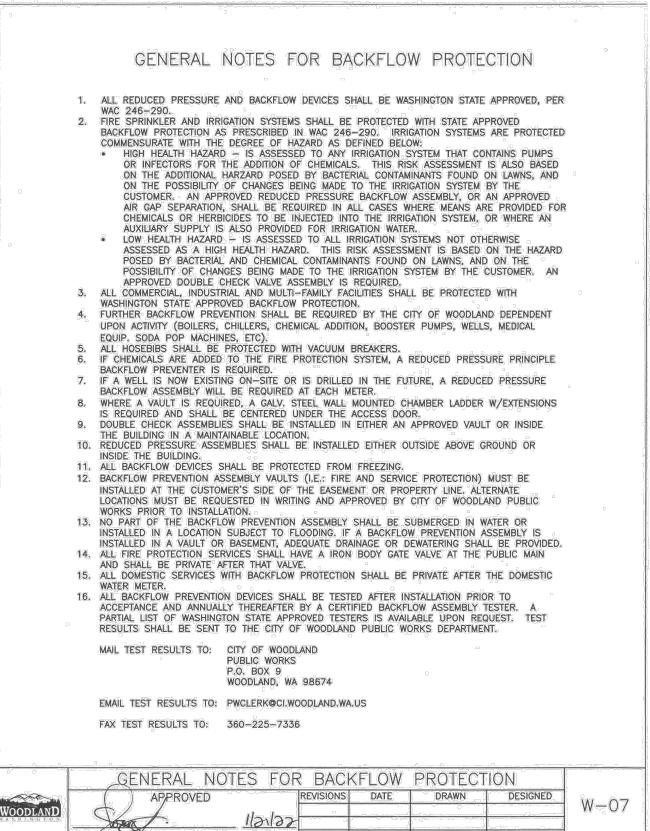
**UTILITY DETAILS** 

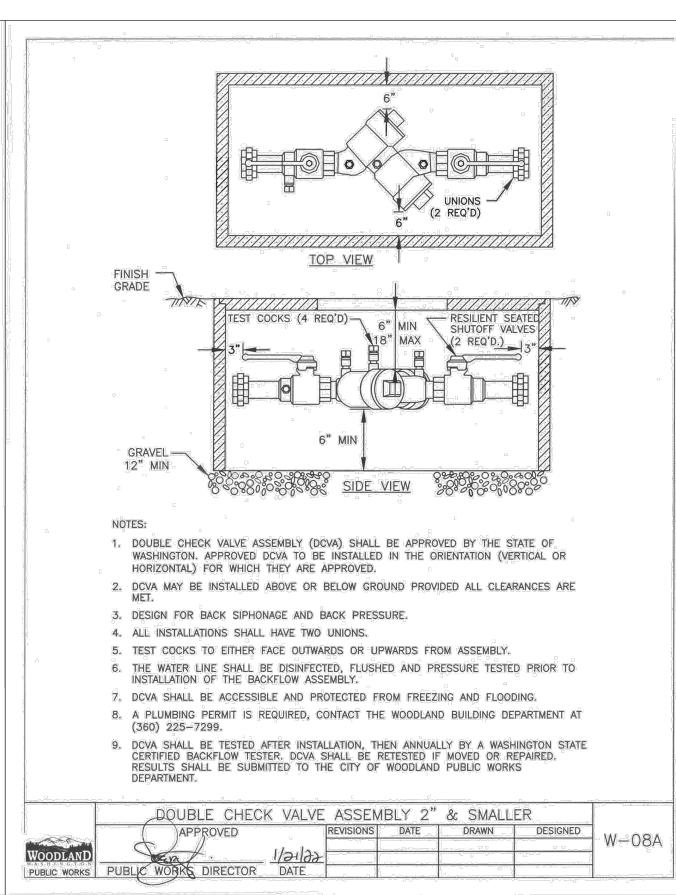
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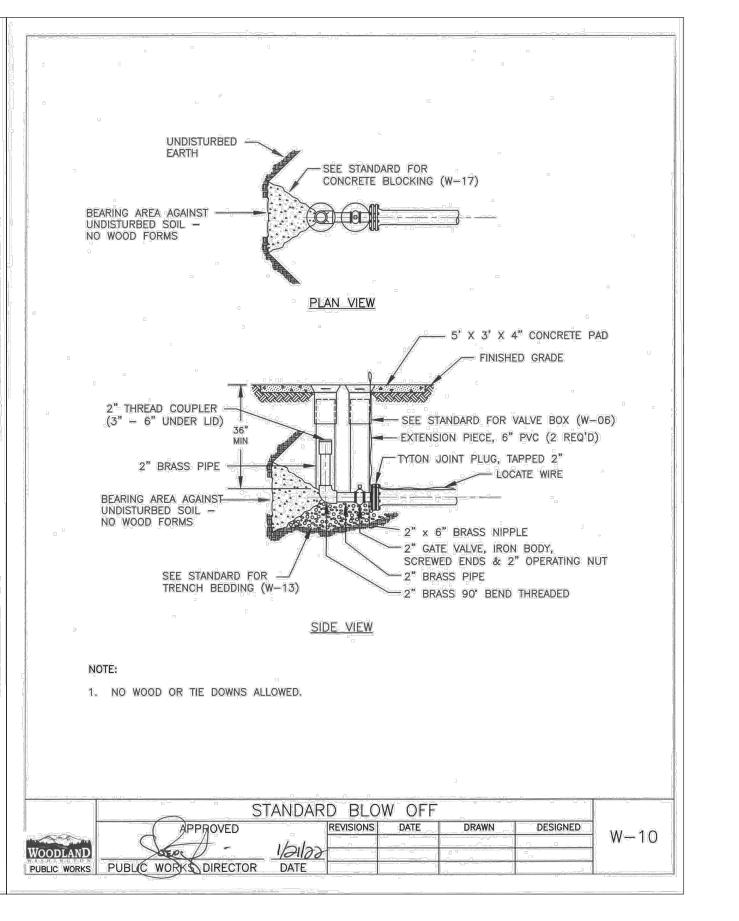
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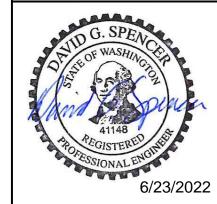
SHEET TITLE











PROJECT NAME:

GOERIG APARTMENTS

CLIENT:
AIDAN WILLIS
AND ATE DESCRIPTION WOODLAND, WA

PROJECT LOCATION:
WOODLAND, WA

PRELIMINARY SITE PLAN REVIEW

C02.06

UTILITY DETAILS

DESIGNED: DGS

CHECKED: DGS

SCALE AS NOTED

DRAWN:

SHEET TITLE

SCALE

SHEET