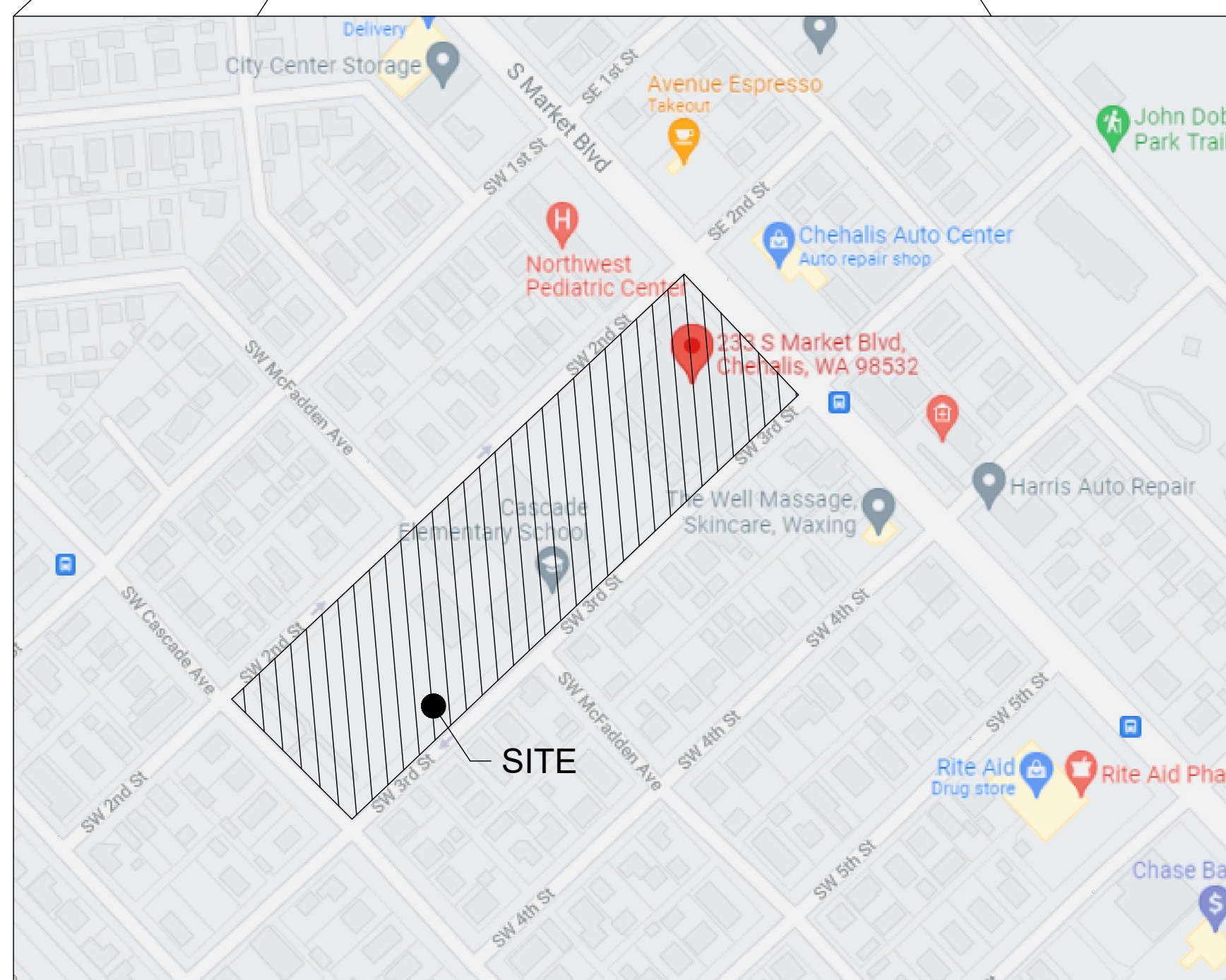
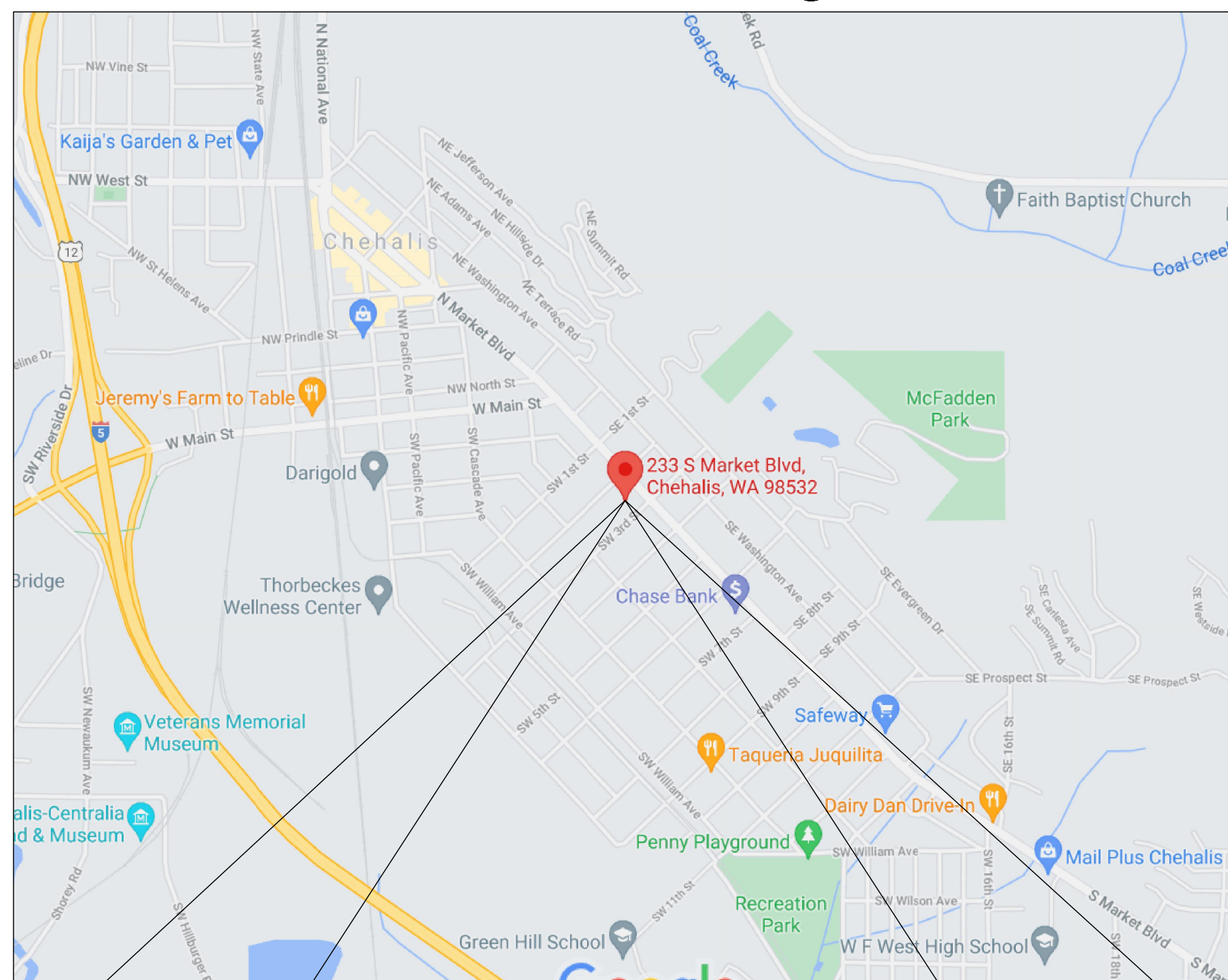


# HISTORIC SCHOOL HOUSING RENOVATION

SECTION 32 TOWNSHIP 14N RANGE 02W  
CITY OF CHEHALIS  
WASHINGTON

## VICINITY MAP



### PROJECT INFORMATION:

APPLICANT: MICHAEL MCCOWAN  
444 SE CARLESTA AVE  
CHEHALIS, WA 98532

SITE ADDRESS: 233 S MARKET BLVD  
101 SW 2ND STREET  
CHEHALIS, WA 98532

PARCEL NUMBER: 004236001000, 004236002000

ACRES: 5.0

ZONING (CITY): EXISTING - EPF (S)  
PROPOSED - R2

LOTS: 2 EXISTING 2 PROPOSED

SITE SOILS: REED SILTY CLAY LOAM

WATER: CITY OF CHEHALIS

SANITARY SEWER: CITY OF CHEHALIS

GRADING: 800± CY CUT  
650± CY FILL

PARKING STALLS: 144 (10'x20'), 5 (9'x18.5'), 1 (10'x18.5'), 1 (11'x18.5'), 45 (ADJACENT PARK STALLS)

### GEOTECHNICAL INFORMATION:

A GEOTECHNICAL REPORT WAS PREPARED BY QUALITY GEO NW, LLC. ALL CONSTRUCTION SHALL COMPLY WITH STANDARD SPECIFICATIONS.

### TOPOGRAPHIC INFORMATION:

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

BEARINGS GRID NORTH WASHINGTON STATE PLANE COORDINATES SOUTH ZONE.

VERTICAL DATUM IS NAVD 88

TIES TO WSDOT MONUMENTS CHE-16; CHE-18; AND GP21005-71

### LEGEND

EXISTING	PROPOSED	DESC.
— XX —	— XX —	CONTOUR LINE (MAJOR)
- - - XX - - -	- - - XX - - -	CONTOUR LINE (MINOR)
— — — — —	— — — — —	DITCH CENTERLINE
— — — — —	— — — — —	EDGE OF PAVEMENT
— X — X —	— X — X —	FENCE
— FM — FM —	— FM — FM —	FORCE MAIN
— G — G —	— G — G —	GAS MAIN
— GB — GB —	— GB — GB —	GRADE BREAK
— OE —	— OE —	OVERHEAD ELECTRIC
— — — — —	— — — — —	PROJECT BOUNDARY
— - - - -	— - - - -	PROPERTY LINE
— — — — —	— — — — —	RIGHT-OF-WAY
— — — — —	— — — — —	ROAD CENTERLINE
— SS — SS —	— SS — SS —	SANITARY SEWER PIPE
— ST — ST —	— ST — ST —	STORM PIPE
— — — — —	— — — — —	SIDEWALK
— SF — SF —	— SF — SF —	SILT FENCE
— UE — UE —	— UE — UE —	UNDERGROUND ELECTRIC
— W — W —	— W — W —	WATER
EXISTING	PROPOSED	DESC.
[Pattern]	[Pattern]	AC PAVEMENT
[Pattern]	[Pattern]	CONCRETE
[Pattern]	[Pattern]	GRAVEL
[Pattern]	[Pattern]	LANDSCAPE

### ABBREVIATIONS:

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	
CL	CENTERLINE	
CMP	CORRUGATED METAL PIPE	
CO	CLEAN OUT	
CY	CITY YARD	
°	DEGREES	
Ø	DIAMETER	
EE	ELECTRICAL	
ECR	END CURB RETURN	
EL	ELEVATION	
EOP	EDGE OF PAVEMENT	
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	
HDPE	HIGH DENSITY POLYETHYLENE	
HP	HIGH POINT	
IE	INVERT ELEVATION	
K	CALCULATED CURVE VALUE	
L	LENGTH	
LCV	LENGTH VERTICAL CURVE	
LF	LINEAR FEET	
M	METER	
MH	MAN HOLE	
MJ	MECHANICAL JOINT	
NAP	NOT A PART OF PROJECT	
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	
RD	ROOF DRAIN	
RFC	RELEASED FOR CONSTRUCTION	
ROW	RIGHT OF WAY	
RPBA	REDUCED PRESSURE BACKFLOW ASSEMBLY	
S	SLOPE	
SF	SQUARE FOOT	
SD	STORM DRAIN	
SS	SANITARY SEWER	
ST	STORM	
STA	STATION	
SW	SIDEWALK	
T	TELEPHONE	
TB	TRUST 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	
EXISTING	PROPOSED	DESC.
[Symbol]	[Symbol]	BOLLARD
[Symbol]	[Symbol]	CATCH BASIN
[Symbol]	[Symbol]	FIRE HYDRANT
[Symbol]	[Symbol]	FLAG POLE
[Symbol]	[Symbol]	GAS VALVE
[Symbol]	[Symbol]	ILLUMINARE & POLE
[Symbol]	[Symbol]	JUNCTION BOX
[Symbol]	[Symbol]	OIL TANK ACCESS
[Symbol]	[Symbol]	POWER METER
[Symbol]	[Symbol]	SANITARY SEWER MANHOLE
[Symbol]	[Symbol]	SANITARY SEWER CLEANOUT
[Symbol]	[Symbol]	SIGN
[Symbol]	[Symbol]	STORM MANHOLE
[Symbol]	[Symbol]	SPOT ELEVATION
[Symbol]	[Symbol]	SURFACE FLOW
[Symbol]	[Symbol]	TELECOMMUNICATION PEDESTAL
[Symbol]	[Symbol]	TREE
[Symbol]	[Symbol]	UTILITY POLE
[Symbol]	[Symbol]	UTILITY POLE ANCHOR
[Symbol]	[Symbol]	WATER METER
[Symbol]	[Symbol]	WATER VALVE

### SHEET INDEX

SHEET	SHEET TITLE
C0.0	CIVIL COVER
C0.1	GENERAL NOTES
C1.1	EX CONDITIONS & TESC PLAN
C1.2	EX CONDITIONS & TESC PLAN
C1.3	TESC DETAILS
C2.1	LOT LAYOUT
C3.1	GRADING & DRAINAGE PLAN
C3.2	GRADING & DRAINAGE DETAILS
C4.1	UTILITY PLAN
C4.2	UTILITY DETAILS
C5.1	SECOND ST PLAN & PROFILE
C5.2	SECOND ST PLAN & PROFILE
C5.3	THIRD ST PLAN & PROFILE
C5.4	THIRD ST PLAN & PROFILE
C5.5	FRONTAGE DETAILS

### PROJECT SPECIFICATIONS:

THE WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, 2022 WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) (HEREAFTER "STANDARD SPECIFICATIONS").

ALSO INCORPORATED INTO THESE CONTRACT DOCUMENTS BY REFERENCE ARE:

- MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
- CITY ROAD STANDARDS
- CITY DRAINAGE STANDARDS
- 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.

ANY DESIGN CHANGE(S) MADE TO THE PLANS BY OUTSIDE PARTIES (INCLUDING JURISDICTIONS, CITIES, AND COUNTIES), WILL BE HELD RESPONSIBLE FOR ANY LIABILITIES THAT MAY OCCUR DUE TO CHANGE(S).

### UTILITIES LOCATE NOTE:

EXISTING UTILITIES LOCATION SHOWN IN THIS PLAN SET IS BASED ON INFORMATION OBTAINED FROM VARIOUS RECORDS RESEARCH, ASBLUT 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.

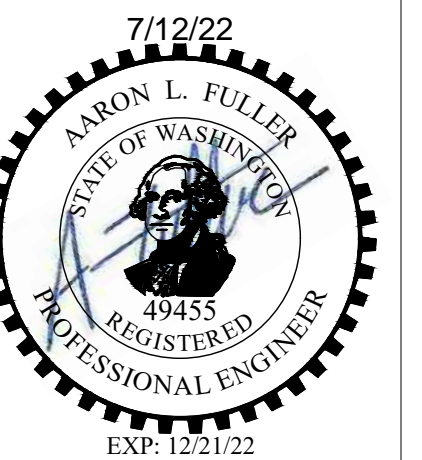


APPROVED FOR CONSTRUCTION

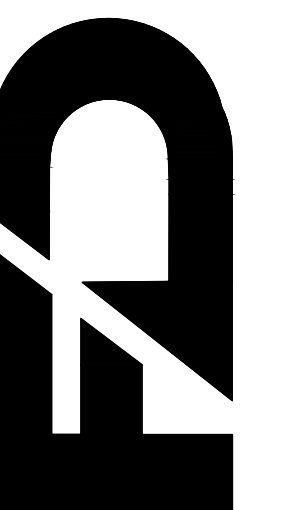
BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
PUBLIC WORKS DEPARTMENT OR  
DESIGNATED CONSULTANT

APPROVAL EXPIRES: \_\_\_\_\_

DRAWING TITLE:	CIVIL COVER	CHECKED:	MP
		DRAWN:	BW
SCALE:	N/A	DATE:	6/22/22
PROJECT NAME:	HISTORIC SCHOOL HOUSING RENOVATION		



FULLER DESIGNS  
1101 KRESKY AVE  
CENTRALIA, WA 98531  
(360) 807-4420



DATE:	6/22/22
DESCRIPTION:	ISSUED FOR CONSTRUCTION
REV:	0

C0.0

1 OF 15

SECTION 32 TOWNSHIP 14N RANGE 02W

**GENERAL NOTES  
(EROSION CONTROL)**

1. EROSION CONTROL MEASURES WILL BE IN PLACE PRIOR TO THE BEGINNING OF CONSTRUCTION. A REPRESENTATIVE FROM THE CITY WILL INSPECT AND APPROVE THE EROSION CONTROL MEASURES PRIOR TO THE START OF CONSTRUCTION.
2. EROSION CONTROL MEASURES ARE NOT LIMITED TO THE ITEMS ON THIS PLAN. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION MEASURES, AS REQUIRED UNDER THE MOST RECENT VERSION OF THE CHEHALIS STORM WATER MANAGEMENT PLAN. CARE WILL BE TAKEN TO PREVENT MIGRATION OF SILT AND/OR POLLUTED RUNOFF TO OFF-SITE PROPERTIES.
3. THE CONTRACTOR WILL MAKE REGULAR SURVEILLANCE OF ALL EROSION CONTROL MEASURES. IN ADDITION, EROSION CONTROL WILL BE THOROUGHLY INSPECTED AFTER EACH RAINFALL EVENT. THE CONTRACTOR WILL MAKE ALL NECESSARY REPAIRS, MODIFICATIONS, AND ADDITIONS AS NECESSARY TO ENSURE THE PROPER OPERATION OF THE EROSION CONTROL MEASURES. THE CITY MAY REQUIRE MORE FREQUENT INSPECTIONS OF EROSION CONTROL MEASURES BY THE CONTRACTOR SHOULD SITE OR WEATHER CONDITIONS DICTATE.
4. DURING WET SEASON, NOVEMBER THROUGH MARCH, ALL DISTURBED SOILS WILL BE STABILIZED WITHIN 48 HOURS AFTER LAND DISTURBANCE ACTIVITIES HAVE CEASED. EROSION CONTROL MEASURES WILL INCLUDE, BUT ARE NOT LIMITED TO, INSTALLATION OF STRAW MATTING, JUTE MATTING, STRAW MULCH AND/PR WOOD CHIPS, AND COVERING THE AFFECTED AREA AND SPOIL PILES WITH PLASTIC SHEETING.
5. THE CONTRACTOR WILL CHECK ALL SEEDED OR SODDED AREAS REGULARLY TO ENSURE THAT THE VEGETATIVE COVER IS BEING ADEQUATELY ESTABLISHED. AREAS WILL BE REPAIRED, RESEDED, AND FERTILIZED AS REQUIRED.
6. TRACKING OF SOIL OFF SITE WILL NOT BE ALLOWED. IF ANY SOIL IS TRACKED BEYOND THE LIMITS OF THE SITE, IT WILL BE REMOVED BEFORE THE END OF THAT WORKING DAY. TO PREVENT ADDITIONAL TRACKING, VEHICLE TIRES MUST BE SWEEPED OR WASHED PRIOR TO LEAVING THE PROJECT SITE.
7. NO MORE THAN 500 LINEAL FEET (LF) OF TRENCH ON A DOWN-SLOPE OF MORE THAN 5% WILL BE OPENED AT ONE TIME.
8. EXCAVATED MATERIAL WILL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
9. EXCAVATED MATERIAL WILL NOT BE PLACED IN ESTABLISHED DRAINAGE DITCHES UNDER ANY CIRCUMSTANCES.
10. TRENCH DE-WATERING DEVICES WILL BE DISCHARGED IN A MANNER THAT WILL NOT ADVERSELY AFFECT FLOWING STREAMS, DRAINAGE SYSTEMS, OR OFF-SITE PROPERTIES. AN ESTABLISHED SEDIMENT TRAP WILL BE USED AS THE RECEIVER FOR ALL TRENCH DE-WATERING OPERATIONS.
11. ALL DISTURBED AREAS WILL BE SEEDED OR SODDED UPON COMPLETION OF WORK. THE CONTRACTOR WILL BE RESPONSIBLE TO ENSURE THAT COMPLETE COVERAGE OF THE DISTURBED AREAS IS PROVIDED AND THE GROWTH OF VEGETATION IS ESTABLISHED. SEED AND SOD APPLICATIONS WILL BE CONDUCTED IN ACCORDANCE WITH THE TIMELINES NOTED IN THE MOST RECENT EDITION OF THE WSDOT STANDARD SPECIFICATIONS.
12. ALL EROSION CONTROL WILL REMAIN IN PLACE UNTIL SUCH TIME AS THE SITE IS ADEQUATELY STABILIZED. PRIOR TO REMOVAL OF EROSION CONTROL MEASURES, THE ENGINEERING DIVISION WILL BE NOTIFIED FOR FINAL INSPECTION.

**GENERAL NOTES  
(STREET CONSTRUCTION)**

1. ALL WORKMANSHIP AND MATERIALS WILL BE IN ACCORDANCE WITH CITY OF CHEHALIS STANDARDS AND THE MOST RECENT EDITION OF THE STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL IN ACCORDANCE WITH MUTCD. PRIOR TO DISRUPTION OF ANY TRAFFIC, TRAFFIC CONTROL PLANS MUST BE PREPARED AND SUBMITTED TO THE CITY FOR APPROVAL. NO WORK WILL COMMENCE UNTIL ALL APPROVED TRAFFIC CONTROL PLANS ARE IN PLACE.
3. ALL CURB AND GUTTER, STREET GRADES, SIDEWALK GRADES, AND ANY OTHER VERTICAL AND/OR HORIZONTAL ALIGNMENT WILL BE STAKED BY AN ENGINEERING OR SURVEYING FIRM CAPABLE OF PERFORMING SUCH WORK.
4. WHERE NEW ASPHALT JOINS EXISTING, THE EXISTING ASPHALT WILL BE CUT TO A NEAT VERTICAL EDGE AND TACKED WITH ASPHALT EMULSION TYPE CSS-1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE NEW ASPHALT WILL BE FEATHERED BACK OVER EXISTING TO PROVIDE FOR A SEAL AT THE SAW CUT LOCATION AND THE JOINT SEALED WITH GRADE AR-4000W PAVING ASPHALT.
5. COMPACTION OF SUBGRADE, ROCK AND ASPHALT WILL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
6. FORM AND SUBGRADE INSPECTION BY CITY INSPECTORS IS REQUIRED BEFORE POURING CONCRETE. TWENTY-FOUR HOURS (ONE WORK DAY) ADVANCE NOTICE IS REQUIRED FOR FORM INSPECTION.
7. TESTING AND SAMPLING FREQUENCIES ARE DESCRIBED IN THESE STANDARDS.
8. THE PUBLIC WORKS DEPARTMENT WILL INSTALL OR OVERSEE THE INSTALLATION OF STREET NAME AND REGULATORY SIGNS AT THE CONTRACTOR'S AND/OR THE DEVELOPER'S EXPENSE. ALL STREET NAME AND REGULATORY SIGNS WILL BE REQUESTED AND APPROVED BY THE CITY PRIOR TO THE START OF CONSTRUCTION.

**GENERAL NOTES  
(STORM DRAIN CONSTRUCTION)**

1. ALL WORKMANSHIP AND MATERIALS WILL BE IN ACCORDANCE WITH THE CITY OF CHEHALIS DEVELOPMENT ENGINEERING STANDARDS AND THE MOST RECENT COPY OF THE STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION (WSDOT/APWA).
2. TEMPORARY EROSION/WATER POLLUTION MEASURES WILL BE REQUIRED IN ACCORDANCE WITH THE STORM WATER MANAGEMENT PLAN AND SECTION 1-07.15 OF THE STANDARD SPECIFICATIONS.
3. COMPLY WITH ALL OTHER PERMITS AND REQUIREMENTS OF THE CITY OF CHEHALIS AND/OR OTHER GOVERNING AUTHORITIES OR AGENCIES.
4. A RECONSTRUCTION MEETING WILL BE HELD WITH THE PUBLIC WORKS DEPARTMENT AND THE ENGINEERING DIVISION PRIOR TO THE START OF CONSTRUCTION.
5. ALL STORM MAINS AND RETENTION/DETENTION AREAS WILL BE STAKED FOR GRADE AND ALIGNMENT BY AN ENGINEERING OR SURVEYING FIRM CAPABLE OF PERFORMING SUCH WORK.
6. STORM DRAINPIPE WILL MEET THE FOLLOWING REQUIREMENTS:
  - a. PLAIN CONCRETE PIPE CONFORMING TO THE REQUIREMENTS OF AASHTO M 86, CLASS 2.
  - b. REINFORCED CONCRETE PIPE CONFORMING TO THE REQUIREMENTS OF AASHTO M 170.
  - c. PVC PIPE CONFORMING TO ASTM D3034 SDR 35 OR ASTM F794 OR ASTM F679 TYPE 1 WITH JOINTS AND GASKETS CONFORMING TO ASTM D3212 AND ASTM F477.
  - d. DUCTILE IRON PIPE CONFORMING TO THE REQUIREMENTS OF AWWA C151, THICKNESS CLASS AS SHOWN ON THE PLANS.
  - e. HIGH-DENSITY POLYETHYLENE SMOOTH INTERIOR PIPE CONFORMING TO AASHTO M 252 TYPES OR AASHTO M 294 TYPE S, WITH A GASKETED BELL AND SPIGOT JOINTS.
  - f. ALUMINIZED STEEL HELICAL OR SPIRAL RIB PIPE IN DIAMETERS OF 30 INCHES OR GREATER, WITH A MANNING'S VALUE OF 0.020 OR LESS.
7. SPECIAL STRUCTURES, OIL/WATER SEPARATORS AND OUTLET CONTROLS WILL BE INSTALLED PER PLANS AND MANUFACTURER'S RECOMMENDATIONS.
8. PROVIDE TRAFFIC CONTROL PLAN(S) AS REQUIRED IN ACCORDANCE WITH MUTCD TO THE PUBLIC WORKS DEPARTMENT. TRAFFIC CONTROL PLANS MUST BE APPROVED PRIOR TO THE START OF CONSTRUCTION.
9. CALL THE UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 A MINIMUM OF TWO BUSINESS DAYS PRIOR TO ANY EXCAVATIONS.
10. WHERE CONNECTIONS REQUIRE "FIELD VERIFICATIONS," THE CONTRACTOR WILL EXPOSE CONNECTION POINTS AND VERIFY NECESSARY FITTINGS TWO BUSINESS DAYS PRIOR TO INITIATING THE WORK.
11. ALL STORM LINES AND CATCH BASINS WILL BE HIGH-VELOCITY CLEANED AND PRESSURE TESTED IN ACCORDANCE WITH DIVISION 7 OF THE STANDARD SPECIFICATIONS PRIOR TO PAVING. HYDRANT FLUSHING OF THE LINES IS NOT AN ACCEPTABLE CLEANING METHOD. TESTING OF THE STORM MAIN WILL INCLUDE TELEVISION INSPECTION AT THE CONTRACTOR'S EXPENSE. THE PUBLIC WORKS DEPARTMENT OR DESIGNATED CONSULTANT WILL DETERMINE WHETHER THE INSPECTION WILL BE PERFORMED BY THE CITY OR BY A REPRESENTATIVE OF THE CONTRACTOR UNDER THE CITY'S DIRECTION. TESTING WILL TAKE PLACE AFTER ALL UNDERGROUND UTILITIES ARE INSTALLED AND COMPACTION OF THE ROADWAY SUBGRADE IS COMPLETED.
12. FILL PLACEMENT WILL NOT BE ALLOWED IN ANY OPEN CHANNEL USED FOR STORM CONVEYANCE WITHOUT WRITTEN APPROVAL FROM THE PUBLIC WORKS DEPARTMENT OR DESIGNATED CONSULTANT.
13. CONTRACTORS AND/OR PROPERTY OWNERS ARE REQUIRED TO CHANNEL WATER WHEN INSTALLING OR REPAIRING A DRIVEWAY. WATER MAY BE CHanneled WITH A BERM OR A PIPE. STORM WATER MUST BE DIVERTED TO CITY STORM MAINS WHEN POSSIBLE.
14. THE CITY MUST BE NOTIFIED A MINIMUM OF TWO BUSINESS DAYS IN ADVANCE OF A TAP CONNECTION TO AN EXISTING MAIN. A REPRESENTATIVE FROM THE CITY MUST BE PRESENT AT THE TIME OF THE TAP.
15. PRIOR TO BACKFILL, ALL MAINS AND APPURTENANCES WILL BE INSPECTED AND APPROVED BY A CITY INSPECTOR. APPROVAL DOES CONSTITUTE FINAL ACCEPTANCE OF THE SEWER LINE. THE CONTRACTOR WILL RETAIN RESPONSIBILITY OF REPAIRING ALL DEFICIENCIES AND FAILURES REVEALED DURING REQUIRED TESTING FOR ACCEPTANCE AND THROUGHOUT THE DURATION OF THE WARRANTY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CITY IN ADVANCE OF ALL REQUIRED INSPECTIONS. ANY MAIN OR APPURTENANCE BACKFILLED PRIOR TO INSPECTION WILL BE RE-EXCAVATED FOR INSPECTION AT NO COST TO THE CITY.

**GENERAL NOTES  
(WATER MAIN)**

1. ALL WORKMANSHIP AND MATERIAL WILL BE IN ACCORDANCE WITH CITY OF CHEHALIS STANDARDS AND THE MOST RECENT COPY OF THE WSDOT/APWA STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS AND ANSIS/NSF STANDARD 60 OR 61.
2. A PRE-CONSTRUCTION MEETING WILL BE HELD WITH THE PUBLIC WORKS DEPARTMENT AND THE ENGINEERING DIVISION PRIOR TO THE START OF CONSTRUCTION.
3. ALL WATER MAINS WILL BE DUCTILE IRON CEMENT MORTAR LINED THICKNESS CLASS 52.
4. GATE VALVES WILL BE RESILIENT WEDGE, NRS (NONRISING STEM) WITH O-RING SEALS. VALVE ENDS WILL BE MECHANICAL JOINT OR ANSI FLANGES. VALVES WILL CONFORM TO AWWA 509-80. VALVES WILL BE MUELLER, M&H, KENNEDY, CLOW R/W OR AMERICAN FLOW CONTROL SERIES 2500. EXISTING VALVES AND ALL VALVES INSTALLED DIRECTLY TO AND CONNECTED TO A PORTION OF THE ACTIVE WATER SYSTEM ARE TO BE OPERATED BY CITY EMPLOYEES ONLY.
5. FIRE HYDRANTS WILL BE MUELLER CENTURION A-423, M&H RELIANT STYLE 129, CLOW MEDALLION, OR KENNEDY GUARDIAN K81D. WATEROUS PACER MODEL WB-67-250 OR AVK 2780. HYDRANTS WILL BE INSTALLED IN ACCORDANCE WITH THE MOST RECENT VERSION OF THE INTERNATIONAL FIRE CODE. HYDRANTS WILL BE BAGGED AND THE CONNECTING GATE VALVES LEFT CLOSED UNTIL THE SYSTEM HAS BEEN APPROVED. HYDRANTS MUST BE PAINTED WITH SUNBURST YELLOW HIGH-GRADE ENAMEL AFTER INSTALLATION.
6. ALL LINES WILL BE CHLORINATED AND TESTED IN CONFORMANCE WITH THE ABOVE-REFERENCED SPECIFICATIONS (SEE NOTE 1).
7. ALL PIPES AND SERVICES WILL BE INSTALLED WITH CONTINUOUS TRACER TAPE PLACED 12 TO 18 INCHES UNDER THE PROPOSED FINISHED SUBGRADE. THE MARKER WILL BE OF PLASTIC, NON-BIODEGRADABLE, METAL CORE, OR BACKING MARKED "WATER" THAT CAN BE DETECTED BY A STANDARD METAL DETECTOR. TAPE WILL BE TERRA TAPE "D" OR APPROVED EQUAL. IN ADDITION TO TRACER TAPE, TONING WIRE WILL BE INSTALLED OVER ALL PIPE AND SERVICES. TONING WIRE WILL BE UL LISTED, TYPE UF, 14-GAUGE SOLID COATED COPPER WIRE, TAPED TO THE TOP OF THE PIPE TO PREVENT MOVEMENT DURING BACKFILLING AND LAID LOOSE ENOUGH TO PREVENT STRETCHING AND DAMAGE BEFORE BEING BROUGHT UP AND TIED OFF AT THE VALVE OPERATING NUT OR VALVE BOX. IF THE OPERATING NUT IS NOT EASILY ACCESSIBLE FROM THE GROUND SURFACE, THE COPPER WIRE WILL BE TIED OFF AT THE VALVE BOX IN SUCH A WAY THAT THE WIRE IS EASILY ACCESSIBLE FROM THE GROUND SURFACE. TWO FEET OF SLACK WILL BE PROVIDED TO ALLOW FOR CONNECTION TO THE LOCATOR.
8. A ONE-POUND MAGNESIUM ANODE WILL BE BURIED WITH THE PIPE EVERY 1,000 LINEAR FEET MAXIMUM FOR CATHODIC PROTECTION OF THE TONING WIRE. TONING WIRE SPLICES AND CONNECTIONS TO ANODES WILL JOIN WIRES BOTH MECHANICALLY AND ELECTRICALLY AND WILL EMPLOY EPOXY RESIN OR HEAT-SHRINK TAPE INSULATION. TONING WIRE WILL BE TESTED PRIOR TO ACCEPTANCE OF THE PIPE SYSTEM. A WRITTEN NOTICE FROM THE CONTRACTOR TO THE CITY MUST BE RECEIVED TWO BUSINESS DAYS PRIOR TO WHEN TESTING IS REQUIRED.
9. THE CONTRACTOR WILL PROVIDE TRAFFIC CONTROL PLAN(S) AS REQUIRED IN ACCORDANCE WITH MUTCD.
10. ALL WATER MAINS WILL BE STAKED FOR GRADES AND ALIGNMENT BY AN ENGINEERING OR SURVEYING FIRM CAPABLE OF PERFORMING SUCH WORK. STAKING WILL BE MAINTAINED THROUGHOUT CONSTRUCTION.
11. ALL SERVICE LINE AND WATER VALVE LOCATIONS WILL BE MARKED ON THE FACE OF THE ADJACENT CURB WITH A "W" OR "WW" EMBOSSED ONE-FOURTH INCH INTO THE CONCRETE.
12. ALL WATER SYSTEM CONNECTIONS SERVING BUILDINGS OR PROPERTIES WITH DOMESTIC POTABLE WATER, FIRE SPRINKLER OR IRRIGATION SYSTEMS WILL COMPLY WITH THE MINIMUM BACKFLOW PREVENTION REQUIREMENTS ESTABLISHED BY THE DEPARTMENT OF HEALTH (DOH) AND THE CITY OF CHEHALIS CROSS-CONNECTION CONTROL PROGRAM.
13. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 A MINIMUM OF TWO BUSINESS DAYS PRIOR TO ANY EXCAVATIONS.
14. THE CITY WILL BE NOTIFIED FIVE BUSINESS DAYS PRIOR TO SCHEDULING A WATER SYSTEM SHUTDOWN. THE CITY'S WATER DIVISION WILL PERFORM ALL WATER SYSTEM SHUTDOWNS. WHEN CONNECTIONS REQUIRE "FIELD VERIFICATION," CONNECTION POINTS WILL BE EXPOSED BY THE CONTRACTOR AND FITTINGS VERIFIED BY THE CITY TWO BUSINESS DAYS PRIOR TO THE DISTRIBUTION OF SHUTDOWN NOTICES. CUSTOMERS INVOLVED WITH OR AFFECTED BY WATER SERVICE INTERRUPTIONS WILL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE. SHUTDOWNS WILL NOT BE PERMITTED ON FRIDAYS, WEEKENDS, OR HOLIDAYS WITHOUT WRITTEN AUTHORIZATION FROM THE DIRECTOR OF PUBLIC WORKS.
15. WHEN CONNECTING TO AN EXISTING WATER LINE WHERE A NEW VALVE IS NOT TO BE INSTALLED, THE EXISTING VALVE MUST BE PRESSURE TESTED TO THESE STANDARDS BY THE CONTRACTOR PRIOR TO CONNECTION. IF AN EXISTING VALVE FAILS TO PASS THE TEST, THE CONTRACTOR WILL MAKE THE NECESSARY ADDITIONAL PROVISIONS TO TEST THE NEW LINE PRIOR TO CONNECTING TO THE EXISTING SYSTEM OR WILL INSTALL A NEW VALVE. NEW LINES WILL NOT BE CONNECTED TO THE EXISTING SYSTEM UNTIL ALL REQUIRED TESTS HAVE BEEN PASSED.

**GENERAL NOTES  
(SEWER MAIN)**

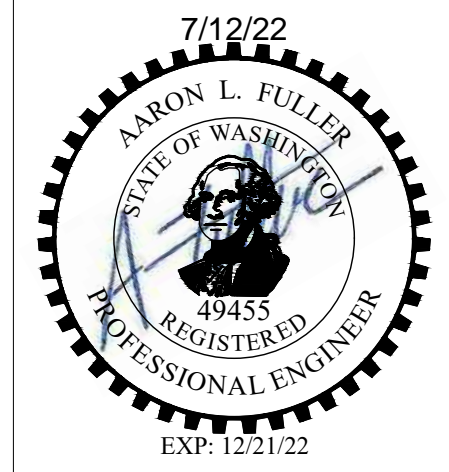
1. ALL WORKMANSHIP AND MATERIALS WILL BE IN ACCORDANCE WITH CITY OF CHEHALIS STANDARDS AND THE MOST RECENT COPY OF THE STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION (WSDOT/APWA).
2. CITY OF CHEHALIS DATUM WILL BE USED FOR ALL VERTICAL CONTROL. A LIST OF BENCHMARKS IS AVAILABLE AT THE PUBLIC WORKS DEPARTMENT.
3. ALL APPROVALS AND PERMITS REQUIRED BY THE CITY OF CHEHALIS WILL BE OBTAINED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
4. IF CONSTRUCTION IS TO TAKE PLACE IN THE COUNTY RIGHT-OF-WAY, THE CONTRACTOR WILL NOTIFY THE COUNTY AND OBTAIN ALL THE REQUIRED APPROVALS AND PERMITS.
5. A PRE-CONSTRUCTION MEETING WILL BE HELD WITH THE PUBLIC WORKS DEPARTMENT AND THE ENGINEERING DIVISION PRIOR TO THE START OF CONSTRUCTION.
6. THE ENGINEERING DIVISION WILL BE NOTIFIED A MINIMUM OF TWO BUSINESS DAYS IN ADVANCE OF A TAP CONNECTION TO AN EXISTING MAIN. A CITY INSPECTOR WILL BE PRESENT AT THE TIME OF THE TAP.
7. THE CONTRACTOR WILL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR WILL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 A MINIMUM OF TWO BUSINESS DAYS PRIOR TO ANY EXCAVATION.
8. ALL SEWER MAINS WILL BE FIELD STAKED FOR GRADES AND ALIGNMENT BY A LICENSED ENGINEERING OR SURVEYING FIRM QUALIFIED TO PERFORM SUCH WORK. STAKING WILL BE MAINTAINED THROUGHOUT CONSTRUCTION.
9. ALL PIPE AND SERVICES WILL BE INSTALLED WITH CONTINUOUS TRACER TAPE PLACED 12 TO 18 INCHES UNDER THE PROPOSED FINISHED SUBGRADE. THE MARKER WILL BE OF PLASTIC, NON-BIODEGRADABLE, METAL CORE OR BACKING MARKED "SEWER" THAT CAN BE DETECTED BY A STANDARD METAL DETECTOR. IF VISIBILITY CANNOT BE MAINTAINED BETWEEN STRUCTURES ALONG THE STRAIGHT ALIGNMENT OF A SEWER, TONING WIRE WILL BE INSTALLED ABOVE THE SEWER LINE AT A DEPTH NO GREATER THAN 48 INCHES. TAPE WILL BE TERRA TAPE "D" OR AN APPROVED EQUAL. IN ADDITION, STEP MAINS, FORCE MAINS, AND CURVILINEAR SEWERS WILL BE INSTALLED WITH TONING WIRE TAPED TO THE TOP OF THE PIPE TO PREVENT MOVEMENT DURING BACKFILL.
- IF TONING WIRE IS REQUIRED, IT WILL BE UL LISTED, TYPE UF, 14-GAUGE COPPER. THE WIRE WILL BE LAID LOOSELY ENOUGH TO PREVENT STRETCHING AND DAMAGE. THE WIRE WILL BE WRAPPED TO A MANHOLE OR CLEANOUT RINGS ON GRAVITY SEWER OR VALVE BODY ON STEP MAINS.
- A ONE-POUND MAGNESIUM ANODE WILL BE BURIED WITH THE PIPE EVERY 1,000 LINEAR FEET MAXIMUM FOR CATHODIC PROTECTION OF THE WIRE. TONING WIRE SPLICES AND CONNECTIONS TO ANODES WILL JOIN WIRES BOTH MECHANICALLY AND ELECTRICALLY AND WILL EMPLOY EPOXY RESIN OR HEAT-SHRINK TAPE INSULATION. TONING WIRE WILL BE TESTED PRIOR TO ACCEPTANCE OF THE PIPE SYSTEM. A WRITTEN NOTICE FROM THE CONTRACTOR TO THE CITY TWO BUSINESS DAYS PRIOR TO TESTING IS REQUIRED. ON A CURVILINEAR SEWER, THE WIRE WILL BE BROUGHT UP, BARED AND WRAPPED THREE TIMES AROUND THE MANHOLE RING. THE TAPE AND WIRE WILL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
10. BEDDING OF THE SEWER MAIN AND COMPACTION OF THE BACKFILL MATERIAL WILL BE REQUIRED IN ACCORDANCE WITH THE ABOVE SPECIFICATION (SEE GENERAL NOTE 1).
11. ALL MANHOLES AND CLEANOUTS OUTSIDE THE PAVED AREA WILL BE INSTALLED IN ACCORDANCE WITH STANDARD DRAWINGS 5-3 AND 5-5.
12. WHEN TEMPORARY STREET PATCHING IS ALLOWED BY THE CITY, COLD MIX ASPHALT WILL BE PLACED TO A MAXIMUM DEPTH OF ONE INCH. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE AS REQUIRED BY THE CITY.
13. EROSION CONTROL MEASURES CONFORMING TO THE MOST RECENT VERSION OF THE CITY OF CHEHALIS STORM WATER MANAGEMENT PLAN AND ARTICLE IV OF THIS CHAPTER WILL BE TAKEN BY THE CONTRACTOR DURING CONSTRUCTION TO PREVENT INFILTRATION OF EXISTING AND PROPOSED STORM DRAINAGE FACILITIES AND ROADWAYS.
14. PROVIDE TRAFFIC CONTROL PLAN(S) IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS REQUIRED.
15. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE A COPY OF THE APPROVED CONSTRUCTION PLANS ON SITE AT ALL TIMES. APPROVED PLANS ARE TYPICALLY SIGNIFIED BY THE SIGNATURE OF THE DIRECTOR OF PUBLIC WORKS OR DESIGNATED CONSULTANT.
16. ANY CHANGES TO THE DESIGN WILL FIRST BE REVIEWED AND APPROVED BY THE DEVELOPER'S PROJECT ENGINEER AND THE DIRECTOR OF PUBLIC WORKS OR DESIGNATED CONSULTANT PRIOR TO IMPLEMENTATION.
17. PRIOR TO BACKFILL, ALL MAINS AND APPURTENANCES WILL BE INSPECTED AND APPROVED BY A CITY INSPECTOR. APPROVAL DOES CONSTITUTE FINAL ACCEPTANCE OF THE SEWER LINE. THE CONTRACTOR WILL RETAIN RESPONSIBILITY TO REPAIR ALL DEFICIENCIES AND FAILURES REVEALED DURING ALL REQUIRED TESTING FOR ACCEPTANCE AND THROUGHOUT THE DURATION OF THE WARRANTY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEERING DIVISION IN ADVANCE OF ALL REQUIRED INSPECTIONS. ANY MAIN OR APPURTENANCE BACKFILLED PRIOR TO INSPECTION WILL BE RE-EXCAVATED FOR INSPECTION AT NO COST TO THE CITY.

APPROVED FOR CONSTRUCTION

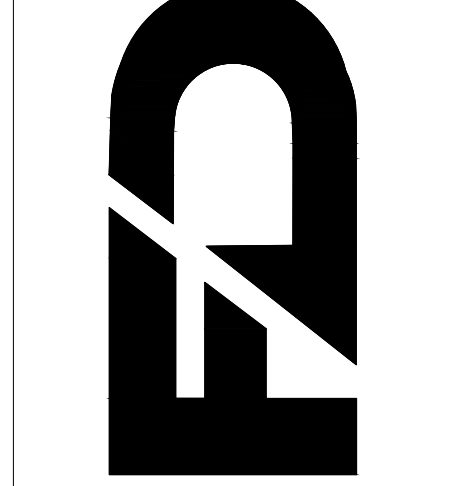
BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
PUBLIC WORKS DEPARTMENT OR  
DESIGNATED CONSULTANT

APPROVAL EXPIRES: \_\_\_\_\_

DRAWING TITLE: <b>GENERAL NOTES</b>	CHECKED: <b>MP</b>
	DRAWN: <b>BW</b>
	DATE: <b>6/22/22</b>
SCALE: <b>N/A</b>	PROJECT NAME: <b>HISTORIC SCHOOL HOUSING RENOVATION</b>



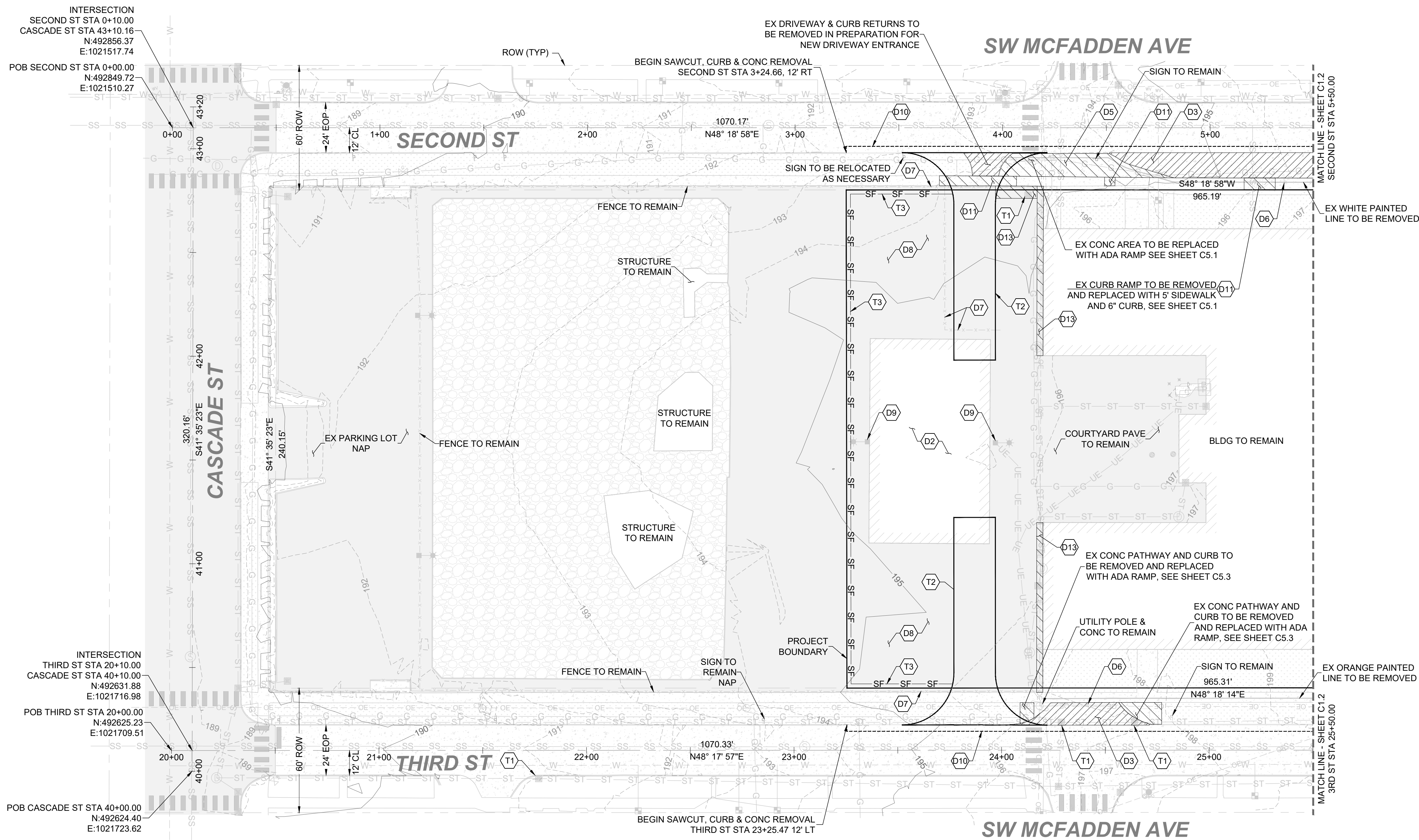
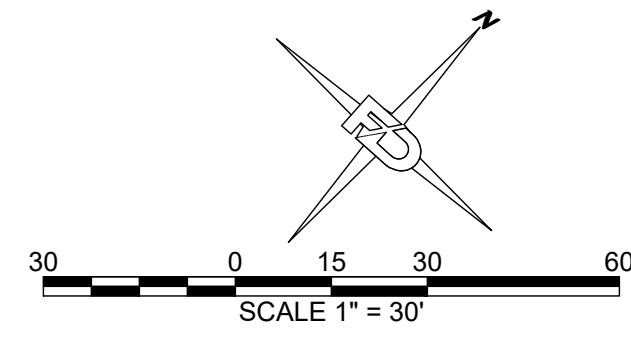
**FULLER DESIGNS**  
1101 KRESKY AVE  
CENTRALIA, WA 98531  
(360) 807-4420



REV.	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	6/22/22

**C0.1**  
2 OF 15

SECTION 32 TOWNSHIP 14N RANGE 02W



TESC PLAN NOTES:

- (T1) INLET PROTECTION DETAIL 3-4, SHEET C1.3
- (T2) 100' TEMPORARY CONSTRUCTION ENTRANCE DETAIL 3-2 SHEET C1.3
- (T3) TEMPORARY SILT FENCE DETAIL 3-4, SHEET C1.3, SILT FENCE TO BE PLACED AFTER AC PAVE REMOVAL

DEMO PLAN NOTES:

- (D1) TREE TO BE REMOVED
- (D2) STRUCTURE TO BE REMOVED
- (D3) DRIVEWAY AND CURB RETURNS TO BE REMOVED AND REPLACED WITH PLANTER, NEW CURB AND GUTTER
- (D4) ASPHALT SURFACE TO BE REMOVED AND REPLACED WITH PLANTER
- (D5) CONC TO BE REMOVED AND REPLACED WITH PLANTER
- (D6) SIGN TO BE REMOVED
- (D7) FENCE TO BE SALVAGED AND REALIGNED AT PROP PROPERTY LINE
- (D8) AC PAVE TO BE REMOVED IN PREPARATION FOR PARKING LOT REPAVE
- (D9) LIGHT POLE TO BE REMOVED AND WIRES TO BE ABANDONED, PLANS BY OTHERS
- (D10) SAWCUT 3' FROM FACE OF CURB, REMOVED 1-1/2' EX ROAD SURFACE AND CURB IN PREPARATION FOR FULL CURB REPLACEMENT. SEE FRONTAGE SHEETS C5.1 THROUGH C5.5
- (D11) REMOVE CONC SIDEWALK AND REPLACE
- (D12) SAWCUT 3" AC PAVEMENT IN PREPARATION FOR ADA RAMP REPLACEMENT AND NEAT EDGE
- (D13) AC PAVE TO BE REMOVED IN PREPARATION FOR 3' WIDE PLANTER
- (D14) AC PAVE TO BE REMOVED AND REPLACED WITH CONC

EROSION CONTROL NOTES:

1. ALL EXPOSED SOIL SURFACES SHALL BE SEEDED WITH AN EROSION CONTROL SEED MIX OR HYDROSEEDED IF NOT WORKED WITH 7 CALENDAR DAYS FROM MAY 1 TO SEPTEMBER 30. SOILS 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 EROSIONS AND SEDIMENT CONTROL BMPs, ESPECIALLY AFTER STORMS, IS REQUIRED
5. PERIODIC STREET CLEARING MAY BE NECESSARY TO REMOVE ANY SEDIMENT TRACKED OFF THE SITE
6. IN THE EVENT PROPOSED BMPs FAIL, APPROPRIATE MEASURES MUST BE TAKEN TO STOP SEDIMENT FROM ENTERING WATERWAYS

NOTE TO CONTRACTOR:

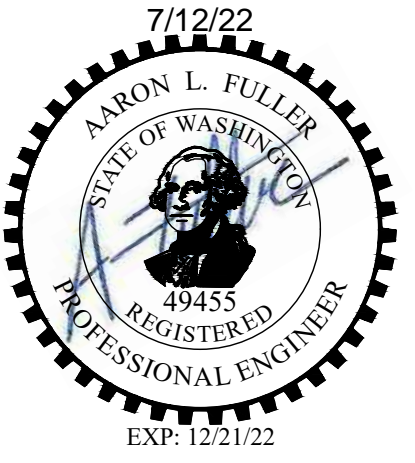
1. A HIGH PROFILE GAS FACILITY IS LOCATED ALONG THE NE SIDE OF SECOND ST. CONTRACTOR TO VERIFY LOCATION AND DEPTH. IF CHANGES ARE NECESSARY CONTRACTOR IS TO CONTACT FULLER DESIGNS. CONTRACTOR MUST CONTACT PSE AND SCHEDULE A STANDBY
2. CONTRACTOR TO POT HOLE AND FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION

APPROVED FOR CONSTRUCTION

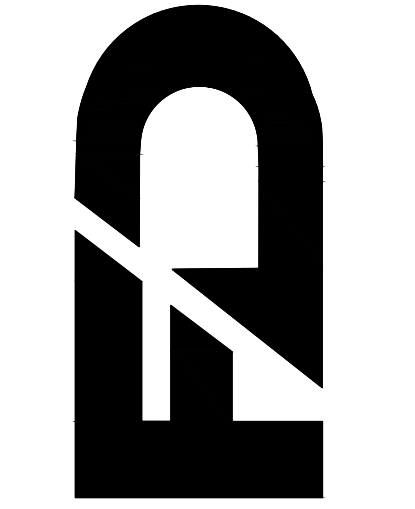
BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
PUBLIC WORKS DEPARTMENT OR  
DESIGNATED CONSULTANT

APPROVAL EXPIRES: \_\_\_\_\_

DRAWING TITLE: <b>EX CONDITIONS &amp; TESC PLAN</b>	CHECKED: MP
	DRAWN: BW
DATE: 6/22/22	
SCALE: 1"=30'	
PROJECT NAME: <b>HISTORIC SCHOOL HOUSING RENOVATION</b>	



**FULLER DESIGNS**  
1101 KRESKY AVE  
CENTRALIA, WA 98531  
(360) 807-4420

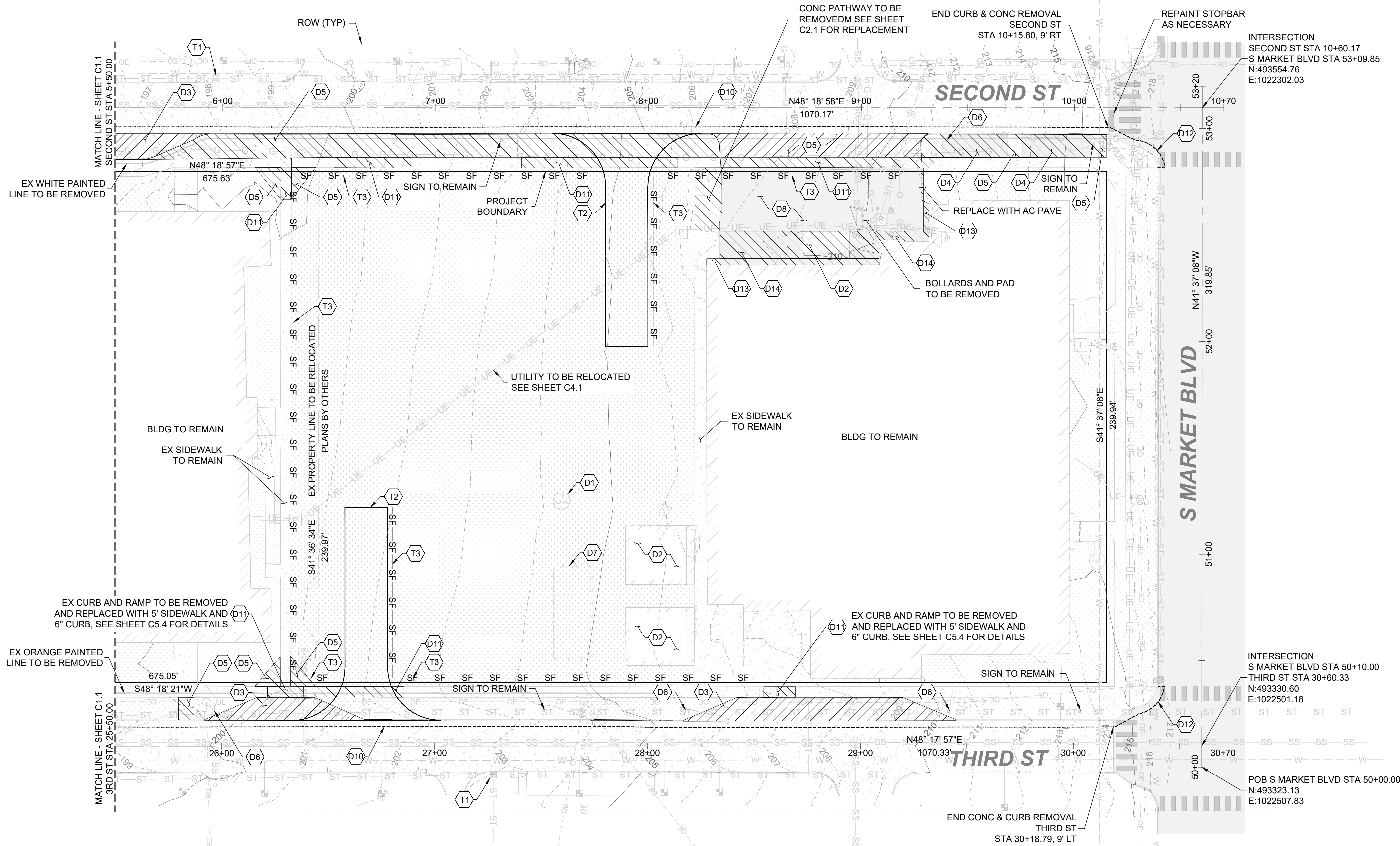
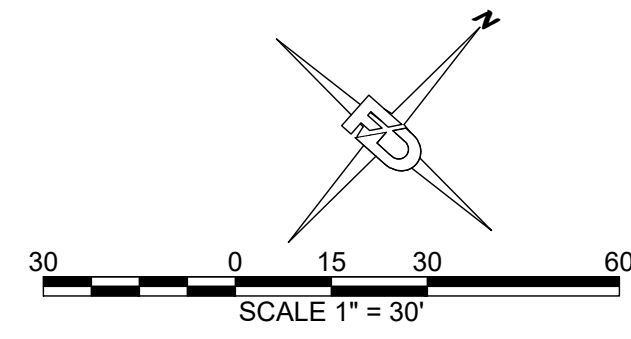


REV.	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	6/22/22

**C1.1**

3 OF 15

SECTION 32 TOWNSHIP 14N RANGE 02W



TESC PLAN NOTES:

- T1 INLET PROTECTION DETAIL 3-4, SHEET C1.3
- T2 100' TEMPORARY CONSTRUCTION ENTRANCE DETAIL 3-2 SHEET C1.3
- T3 TEMPORARY SILT FENCE DETAIL 3-4, SHEET C1.3, SILT FENCE TO BE PLACED AFTER AC PAVE REMOVAL

DEMO PLAN NOTES:

- D1 TREE TO BE REMOVED
- D2 STRUCTURE TO BE REMOVED
- D3 DRIVEWAY AND CURB RETURNS TO BE REMOVED AND REPLACED WITH PLANTER, NEW CURB AND GUTTER
- D4 ASPHALT SURFACE TO BE REMOVED AND REPLACED WITH PLANTER
- D5 CONC TO BE REMOVED AND REPLACED WITH PLANTER
- D6 SIGN TO BE REMOVED
- D7 FENCE TO BE SALVAGED AND REALIGNED AT PROP PROPERTY LINE
- D8 AC PAVE TO BE REMOVED IN PREPARATION FOR PARKING LOT REPAVE
- D9 LIGHT POLE TO BE REMOVED AND WIRES TO BE ABANDONED, PLANS BY OTHERS
- D10 SAWCUT 3" FROM FACE OF CURB, REMOVED 1-1/2" EX ROAD SURFACE AND CURB IN PREPARATION FOR FULL CURB REPLACEMENT. SEE FRONTAGE SHEETS C5.1 THROUGH C5.5
- D11 REMOVE CONC SIDEWALK AND REPLACE
- D12 SAWCUT 3" AC PAVEMENT IN PREPARATION FOR ADA RAMP REPLACEMENT AND NEAT EDGE
- D13 AC PAVE TO BE REMOVED IN PREPARATION FOR 3' WIDE PLANTER
- D14 AC PAVE TO BE REMOVED AND REPLACED WITH CONC

EROSION CONTROL NOTES:

1. ALL EXPOSED SOIL SURFACES SHALL BE SEEDED WITH AN EROSION CONTROL SEED MIX OR HYDROSEEDED IF NOT WORKED WITH 7 CALENDAR DAYS FROM MAY 1 TO SEPTEMBER 30. SOILS 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 EROSIONS AND SEDIMENT CONTROL BMPs, ESPECIALLY AFTER STORMS, IS REQUIRED
5. PERIODIC STREET CLEARING MAY BE NECESSARY TO REMOVE ANY SEDIMENT TRACKED OFF THE SITE
6. IN THE EVENT PROPOSED BMPs FAIL, APPROPRIATE MEASURES MUST BE TAKEN TO STOP SEDIMENT FROM ENTERING WATERWAYS

NOTE TO CONTRACTOR:

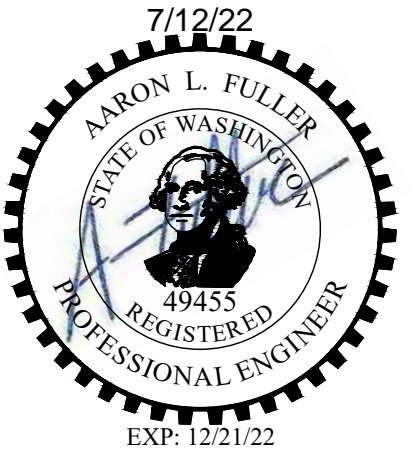
1. A HIGH PROFILE GAS FACILITY IS LOCATED ALONG THE NE SIDE OF SECOND ST. CONTRACTOR TO VERIFY LOCATION AND DEPTH. IF CHANGES ARE NECESSARY CONTRACTOR IS TO CONTACT FULLER DESIGNS. CONTRACTOR MUST CONTACT PSE AND SCHEDULE A STANDBY
2. CONTRACTOR TO POT HOLE AND FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION

APPROVED FOR CONSTRUCTION

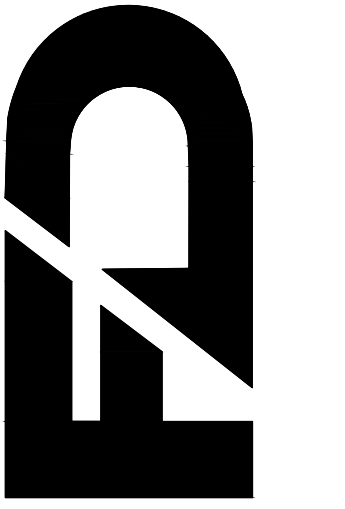
BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
PUBLIC WORKS DEPARTMENT OR  
DESIGNATED CONSULTANT

APPROVAL EXPIRES: \_\_\_\_\_

DRAWING TITLE: <b>EX CONDITIONS &amp; TESC PLAN</b>	CHECKED: MP
	DRAWN: BW
DATE: 6/22/22	
SCALE: 1"=30'	
PROJECT NAME: <b>HISTORIC SCHOOL HOUSING RENOVATION</b>	

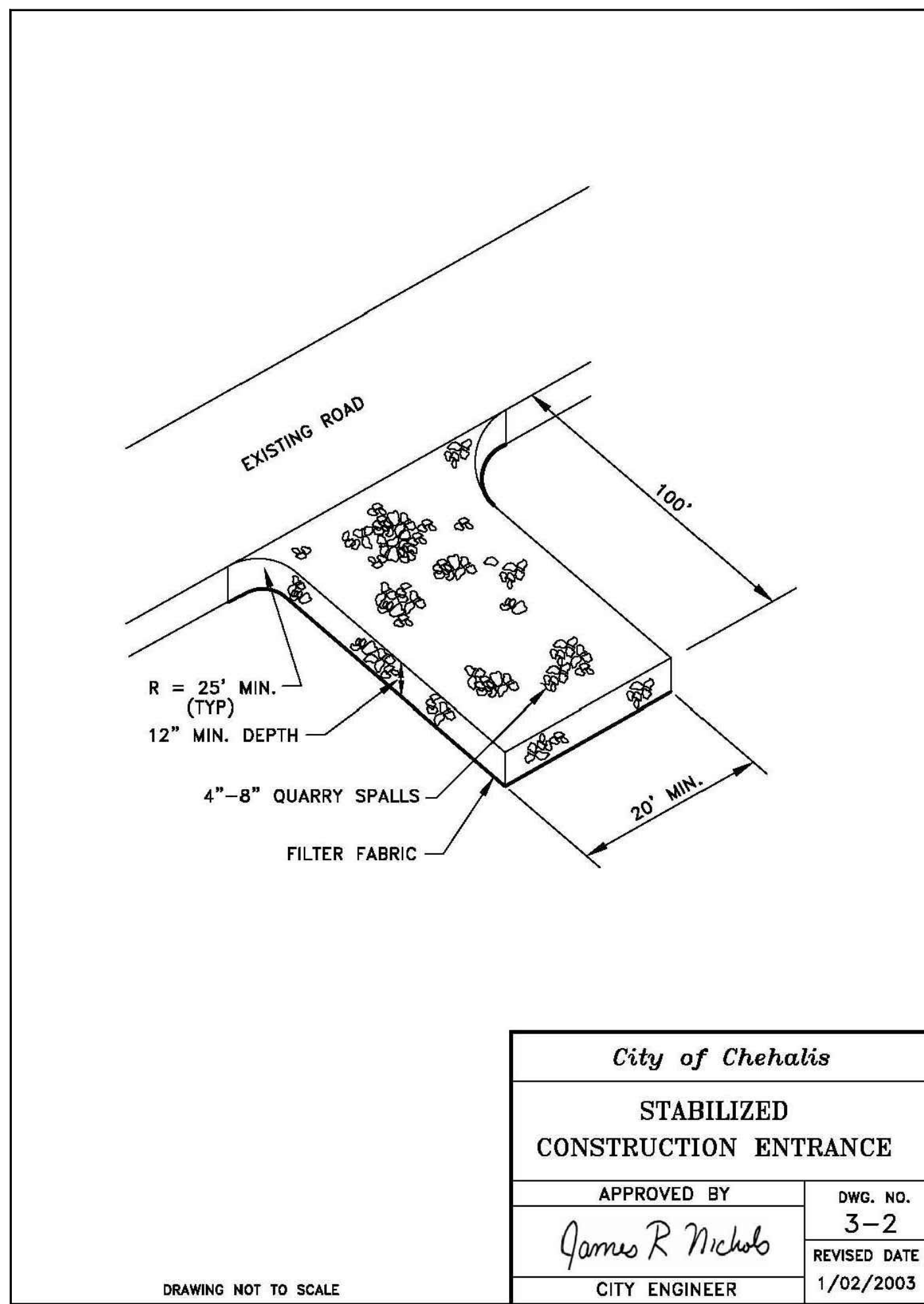


**FULLER DESIGNS**  
1101 KRESKY AVE  
CENTRALIA, WA 98531  
(360) 807-4420



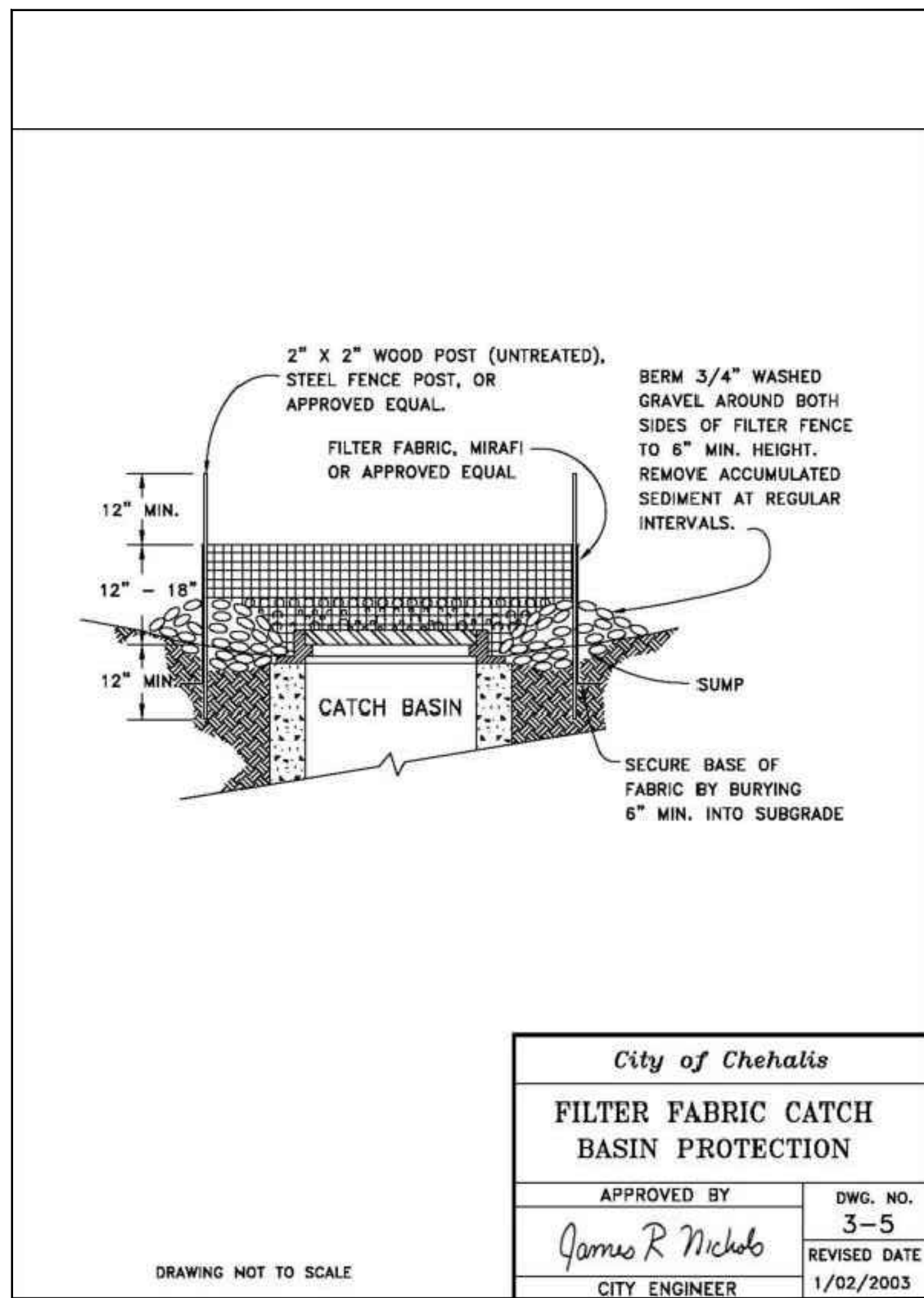
DATE:	6/22/22
DESCRIPTION:	ISSUED FOR CONSTRUCTION
REV:	0

**C1.2**



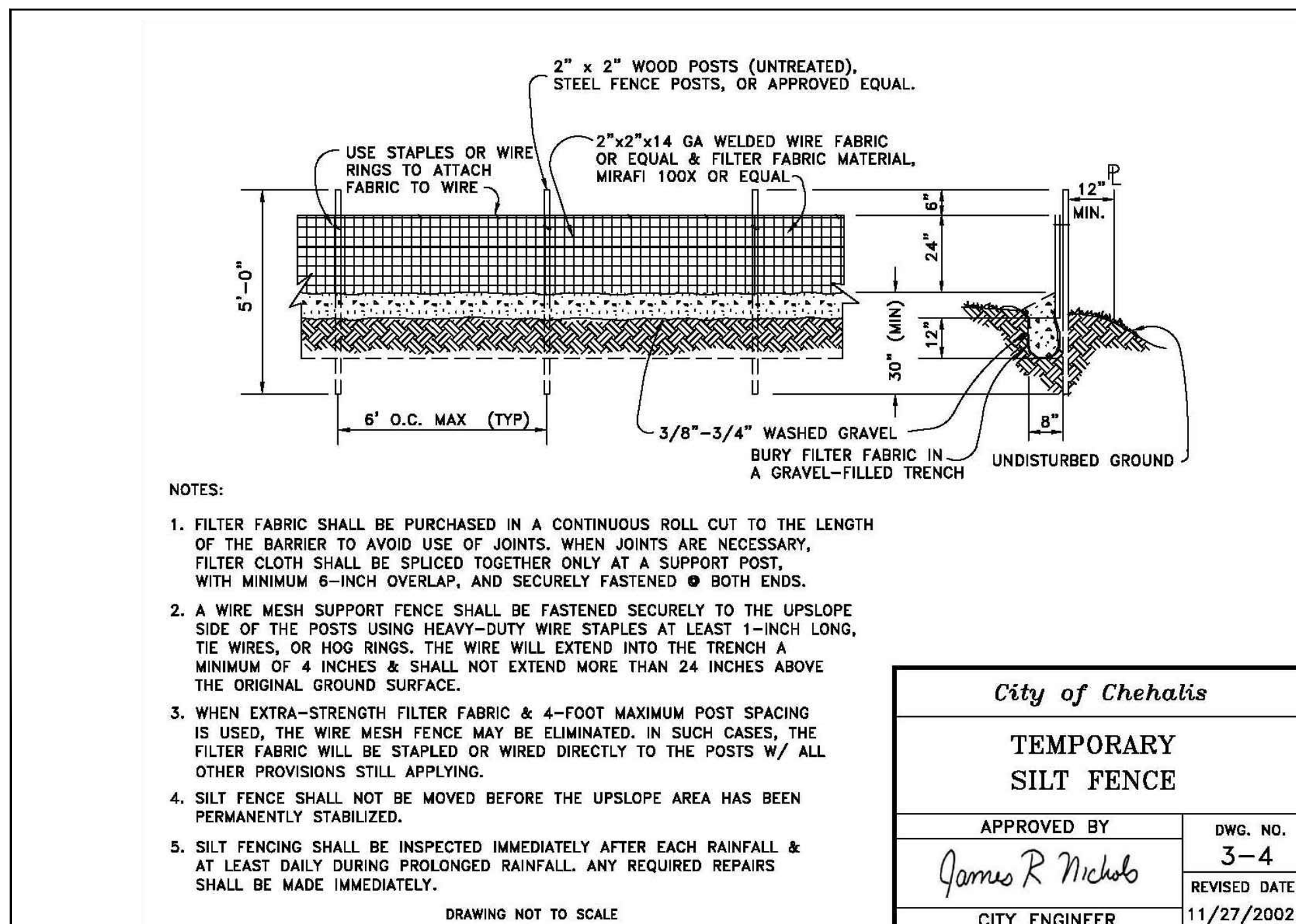
<i>City of Chehalis</i>	
<b>STABILIZED CONSTRUCTION ENTRANCE</b>	
APPROVED BY	DWG. NO.
<i>James R Nichols</i>	3-2
CITY ENGINEER	REVISED DATE
	1/02/2003

DRAWING NOT TO SCALE



<i>City of Chehalis</i>	
<b>FILTER FABRIC CATCH BASIN PROTECTION</b>	
APPROVED BY	DWG. NO.
<i>James R Nichols</i>	3-5
CITY ENGINEER	REVISED DATE
	1/02/2003

DRAWING NOT TO SCALE

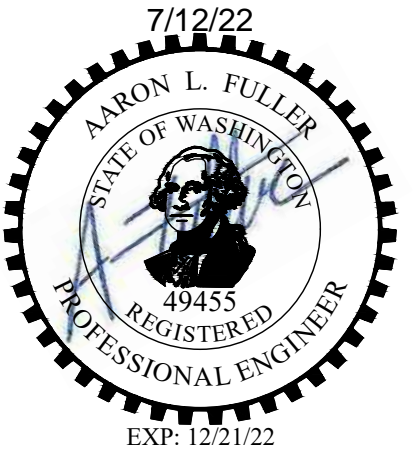


- NOTES:
1. FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPliced TOGETHER ONLY AT A SUPPORT POST, WITH MINIMUM 6-INCH OVERLAP, AND SECURELY FASTENED @ BOTH ENDS.
  2. A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 1-INCH LONG, TIE WIRES, OR HOG RINGS. THE WIRE WILL EXTEND INTO THE TRENCH A MINIMUM OF 4 INCHES & SHALL NOT EXTEND MORE THAN 24 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
  3. WHEN EXTRA-STRENGTH FILTER FABRIC & 4-FOOT MAXIMUM POST SPACING IS USED, THE WIRE MESH FENCE MAY BE ELIMINATED. IN SUCH CASES, THE FILTER FABRIC WILL BE STAPLED OR WIRED DIRECTLY TO THE POSTS W/ ALL OTHER PROVISIONS STILL APPLYING.
  4. SILT FENCE SHALL NOT BE MOVED BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
  5. SILT FENCING SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL & AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

<i>City of Chehalis</i>	
<b>TEMPORARY SILT FENCE</b>	
APPROVED BY	DWG. NO.
<i>James R Nichols</i>	3-4
CITY ENGINEER	REVISED DATE
	11/27/2002

DRAWING NOT TO SCALE

DRAWING TITLE:	
<b>TESC DETAILS</b>	
DATE:	6/22/22
DRAWN:	BW
CHECKED:	MP
SCALE:	N/A
PROJECT NAME:	HISTORIC SCHOOL HOUSING RENOVATION



**FULLER DESIGNS**  
 1101 KRESKY AVE  
 CENTRALIA, WA 98531  
 (360) 807-4420

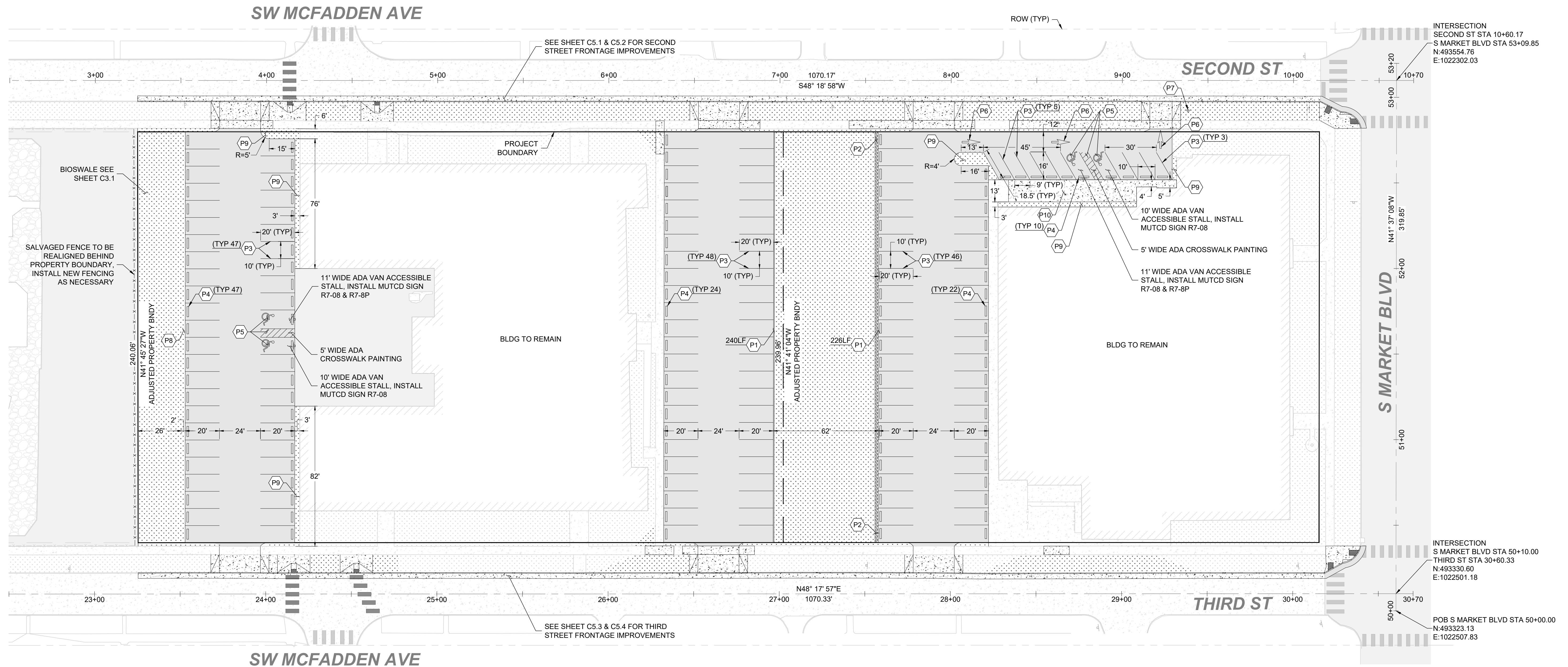
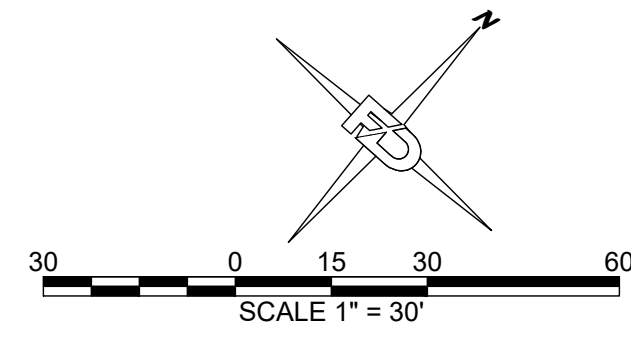
DATE:	6/22/22
DESCRIPTION:	ISSUED FOR CONSTRUCTION
REV:	0

APPROVED FOR CONSTRUCTION  
 BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 PUBLIC WORKS DEPARTMENT OR  
 DESIGNATED CONSULTANT  
 APPROVAL EXPIRES: \_\_\_\_\_

C1.3

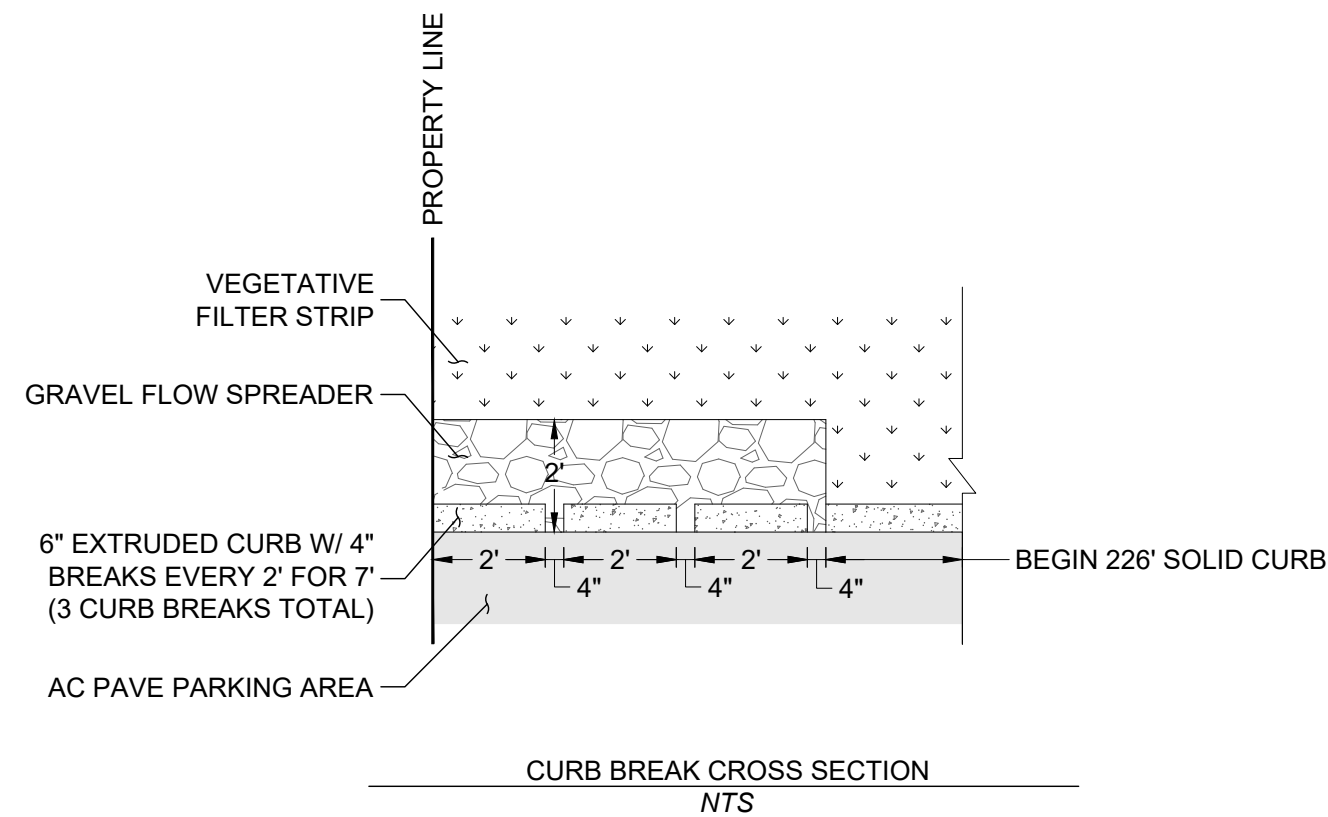
5 OF 15

SECTION 32 TOWNSHIP 14N RANGE 02W



PARKING LOT NOTES:

- P1 INSTALL 6" CURB
- P2 INSTALL 7LF 6" CURB WITH 4" CURB BREAKS AND GRAVEL FLOW SPREADER, SEE CROSS SECTION THIS SHEET
- P3 PAINT PARKING STALL
- P4 INSTALL WHEEL STOP
- P5 PAINT ADA CROSS STRIPING, SYMBOL AND INSTALL RESERVED PARKING MUTCD SIGNS
- P6 PAINT ONE WAY ARROWS
- P7 INSTALL DO NOT ENTER MUTCD SIGN R5-1
- P8 INSTALL 240LF GRAVEL FLOW SPREADER
- P9 INSTALL PLANTER
- P10 INSTALL CONC PATHWAY, WIDTH VARIES, SEE PLAN DIMENSIONS



NOTE TO CONTRACTOR:

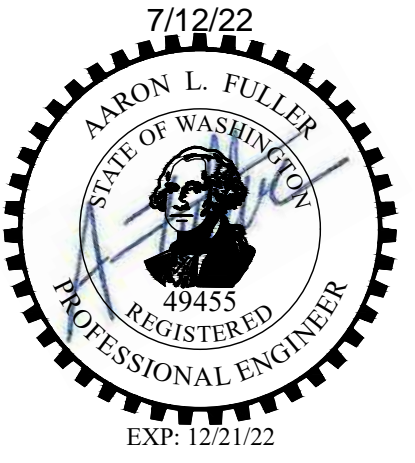
1. A HIGH PROFILE GAS FACILITY IS LOCATED ALONG THE NE SIDE OF SECOND ST. CONTRACTOR TO VERIFY LOCATION AND DEPTH. IF CHANGES ARE NECESSARY CONTRACTOR IS TO CONTACT FULLER DESIGNS. CONTRACTOR MUST CONTACT PSE AND SCHEDULE A STANDBY
2. CONTRACTOR TO POT HOLE AND FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION

APPROVED FOR CONSTRUCTION

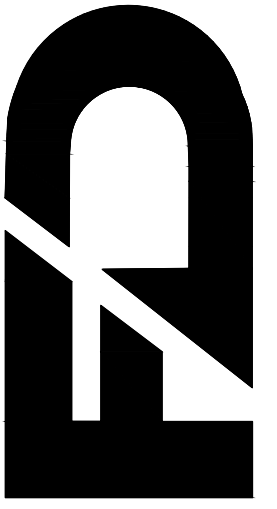
BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
PUBLIC WORKS DEPARTMENT OR  
DESIGNATED CONSULTANT

APPROVAL EXPIRES: \_\_\_\_\_

DRAWING TITLE: <b>LOT LAYOUT</b>	
DATE: 6/22/22	CHECKED: MP
SCALE: 1"=30'	DRAWN: BW
PROJECT NAME: <b>HISTORIC SCHOOL HOUSING RENOVATION</b>	



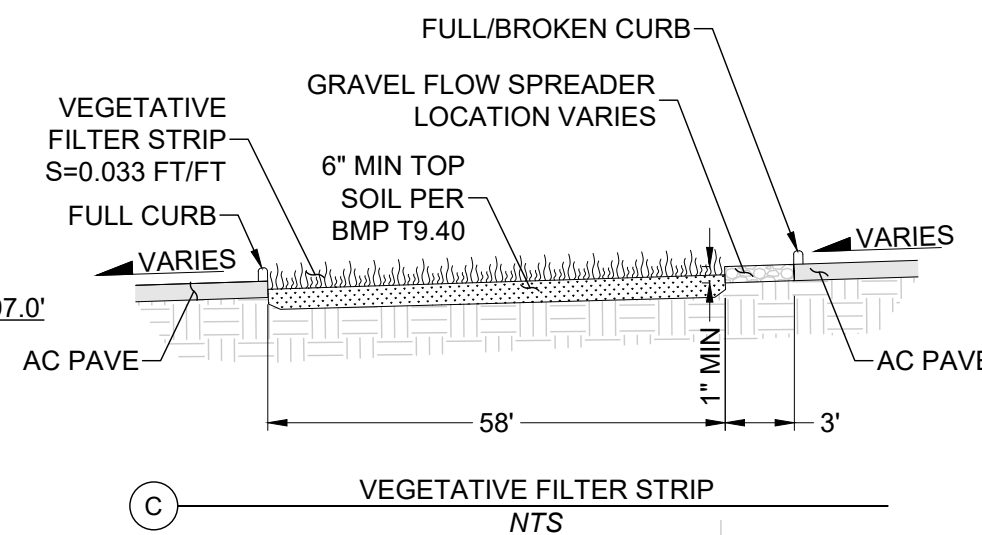
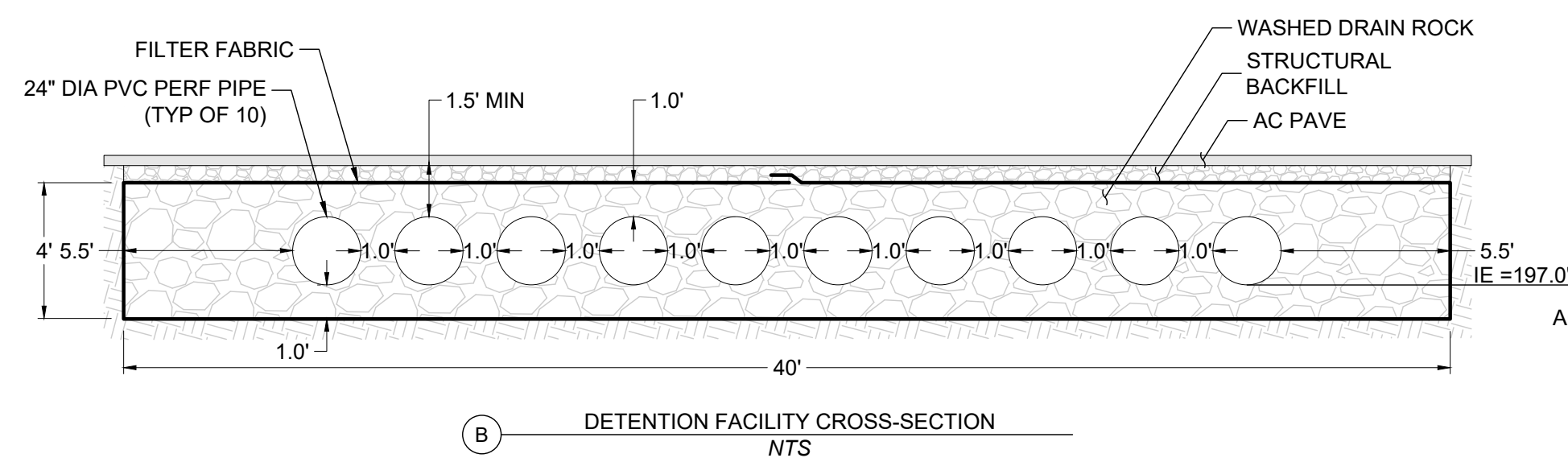
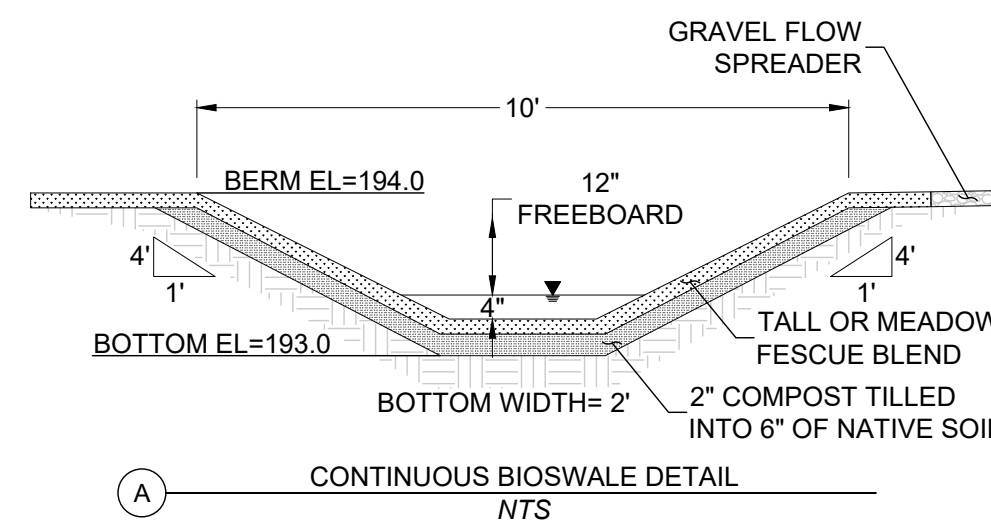
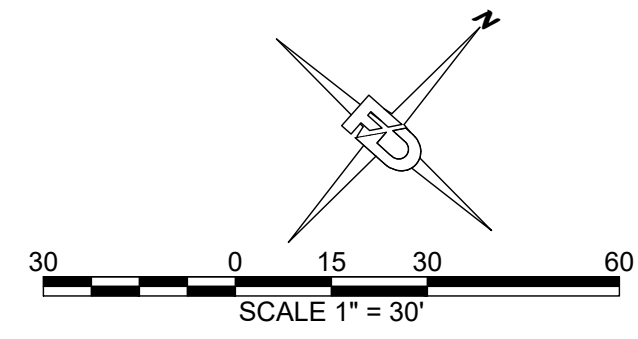
**FULLER DESIGNS**  
1101 KRESKY AVE  
CENTRALIA, WA 98531  
(360) 807-4420



DATE:	6/22/22
DESCRIPTION:	ISSUED FOR CONSTRUCTION
REV:	0

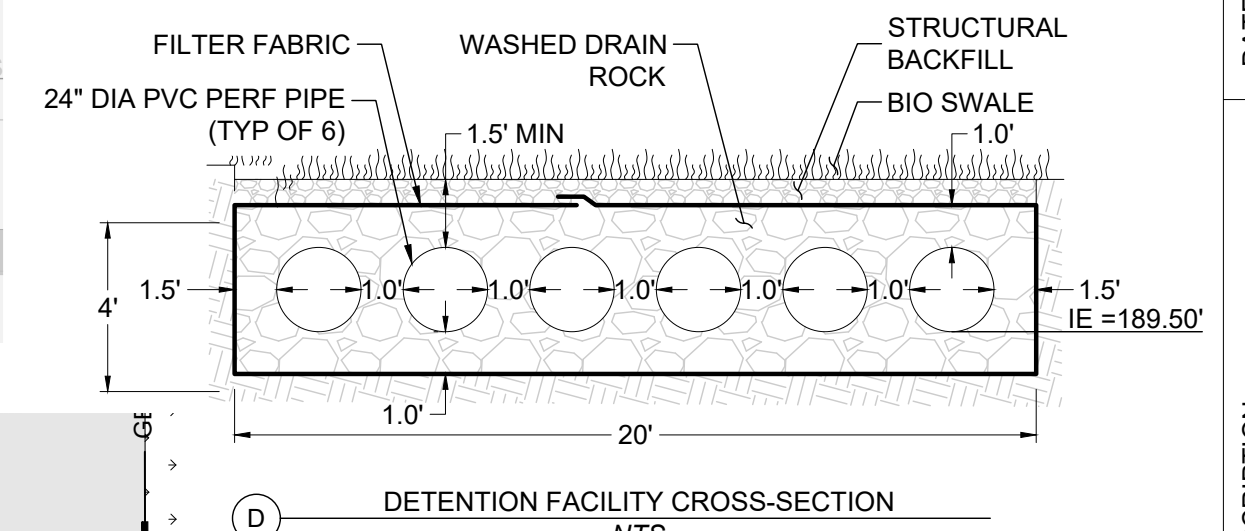
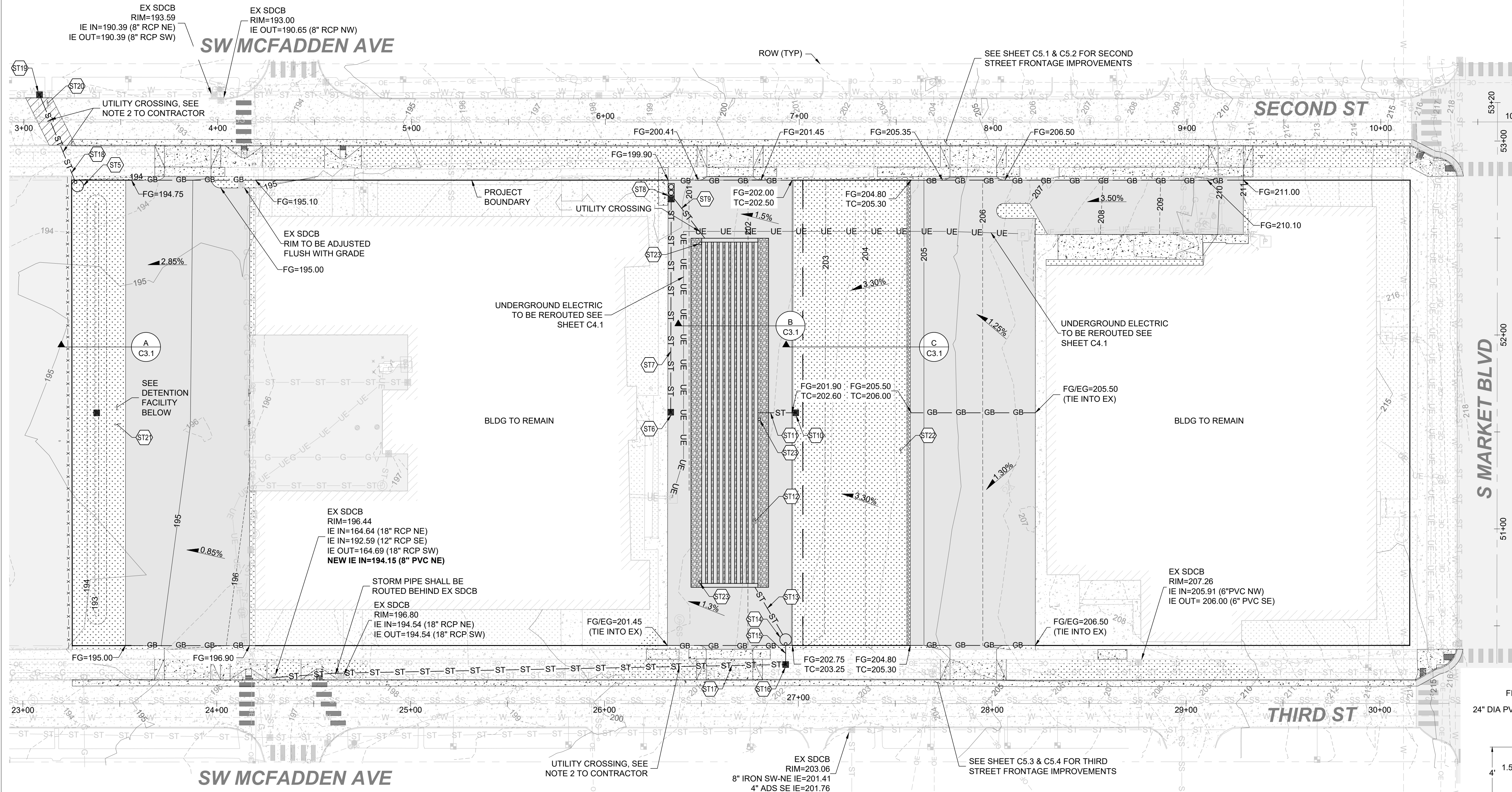
**C2.1**  
6 OF 15

SECTION 32 TOWNSHIP 14N RANGE 02W



STORM NOTES:

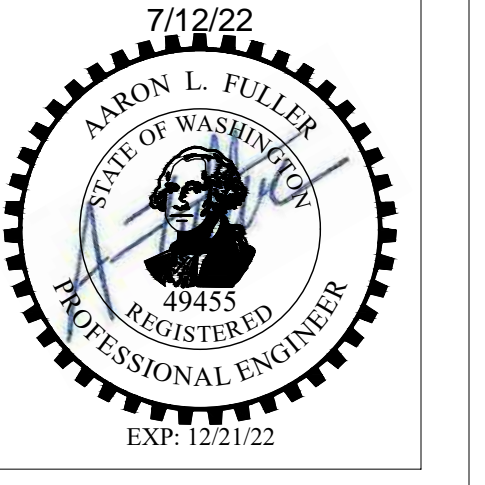
- ST1: INSTALL CB PER DETAIL 3-1, SHEET C3.2  
RIM=192.80  
IE OUT=191.30 (8" PVC NW)  
IE OUT=191.30 (8" PVC SE)
- ST2: INSTALL 10LF 8" NONPERF PVC PIPE, S=0.18 FT/FT, PIPE SHALL BE PLUMBED DIRECTLY INTO DETENTION FACILITY
- ST3: INSTALL 70'Lx20'Wx4'D DETENTION FACILITY:  
(6) 70LF 24" PERF PVC PIPE  
(1) 17LF 24" PVC HEADER  
(1) 17LF 24" PVC FOOTER  
AND ANY NECESSARY FITTINGS
- ST4: INSTALL 35LF 8" PVC PIPE, S=0.00 FT/FT, PIPE TO BE PLUMBED DIRECTLY FROM DETENTION FACILITY
- ST5: INSTALL SOLID LID TYPE 2 MANHOLE WITH CONTROL STRUCTURE, SEE DETAIL ON SHEET C3.2  
RIM=194.60  
IE IN=189.50 (8" PVC E)  
IE OUT=189.50 (8" PVC W)
- ST6: INSTALL CB PER DETAIL 3-1, SHEET C3.2  
RIM=200.00  
IE OUT=198.50 (8" PVC NW)
- ST7: INSTALL 110LF 8" NONPERF PVC PIPE, S=0.008 FT/FT
- ST8: INSTALL CONTECH CB PER DETAIL 3-1, SHEET C3.2  
RIM=199.90  
IE IN=197.60 (8" PVC SE)  
IE OUT=197.60 (8" PVC W)
- ST9: INSTALL 25LF 8" NONPERF PVC PIPE, S=0.008 FT/FT
- ST10: INSTALL CB PER DETAIL 3-1, SHEET C3.2  
RIM=201.90  
IE OUT=200.40 (8" PVC SW)
- ST11: INSTALL 15LF 8" NONPERF PVC PIPE, S=0.20 FT/FT, PIPE SHALL BE PLUMBED DIRECTLY INTO DETENTION FACILITY
- ST12: INSTALL 180'Lx40'Wx4'D DETENTION FACILITY:  
(6) 180LF 24" PERF PVC PIPE  
(1) 29LF 24" PVC HEADER  
(1) 29LF 24" PVC FOOTER  
AND ANY NECESSARY FITTINGS
- ST13: INSTALL 25LF 8" NONPERF PVC PIPE, S=0.016 FT/FT, PIPE SHALL BE PLUMBED DIRECTLY FROM DETENTION FACILITY
- ST14: INSTALL SOLID LID TYPE 2 MANHOLE WITH CONTROL STRUCTURE, SEE DETAIL ON SHEET C3.2  
RIM=202.75  
IE IN=197.00 (8" PVC W)  
IE OUT=197.00 (8" PVC E)
- ST15: INSTALL 10LF 8" NONPERF PVC PIPE, S=0.015 FT/FT
- ST16: INSTALL CB PER DETAIL 3-1, SHEET C3.2  
RIM=202.20 (MATCH GRADE)  
IE IN=196.85 (8" PVC NE)  
IE OUT=196.85 (8" PVC SE)
- ST17: INSTALL 265LF 8" NONPERF PVC PIPE, S=0.010 FT/FT CONNECT TO EX SDCB
- ST18: INSTALL 50LF 8" NONPERF PVC, S=0.02 FT/FT
- ST19: INSTALL CB PER DETAIL 3-1, SHEET C3.2, CONNECT TO EX CITY STORM SYSTEM  
RIM=192.30  
EX IE IN=189.40 (8" RCP NE)  
NEW IE IN=189.40 (8" PVC SE)  
EX IE OUT=189.40 (8" PVC SW)
- ST20: STREET SHALL BE SAWCUT, TRENCHED AND RESTORED IN ACCORDANCE WITH DETAIL 2-4 ON SHEET C3.2
- ST21: INSTALL CONTINUOUS BIOSWALE
- ST22: INSTALL VEGETATIVE FILTER STRIP
- ST23: INSTALL MONITORING WELL, SEE DETAIL ON SHEET C3.2



**NOTE TO CONTRACTOR:**  
 1. A HIGH PROFILE GAS FACILITY IS LOCATED ALONG THE NE SIDE OF SECOND ST. CONTRACTOR TO VERIFY LOCATION AND DEPTH. IF CHANGES ARE NECESSARY CONTRACTOR IS TO CONTACT FULLER DESIGNS. CONTRACTOR MUST CONTACT PSE AND SCHEDULE A STANDBY  
 2. CONTRACTOR TO POTHOLE AND FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION

APPROVED FOR CONSTRUCTION  
 BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 PUBLIC WORKS DEPARTMENT OR DESIGNATED CONSULTANT  
 APPROVAL EXPIRES: \_\_\_\_\_

DRAWING TITLE: **GRADING & DRAINAGE PLAN**  
 CHECKED: **MP**  
 DRAWN: **BW**  
 DATE: **6/22/22**  
 SCALE: **1"=30'**  
 PROJECT NAME: **HISTORIC SCHOOL HOUSING RENOVATION**



FULLER DESIGNS  
 1101 KRESKY AVE  
 CENTRALIA, WA 98531  
 (360) 807-4420

DATE:	6/22/22
DESCRIPTION:	ISSUED FOR CONSTRUCTION
REV:	0

SECTION 32 TOWNSHIP 14N RANGE 02W

### STORMFILTER STEEL CATCHBASIN DESIGN NOTES

STORMFILTER TREATMENT CAPACITY IS A FUNCTION OF THE CARTRIDGE SELECTION AND THE NUMBER OF CARTRIDGES. 2 CARTRIDGE CATCHBASIN HAS A MAXIMUM OF TWO CARTRIDGES. SYSTEM IS SHOWN WITH 27" CARTRIDGE, AND IS ALSO AVAILABLE WITH AN 18" CARTRIDGE. STORMFILTER CATCHBASIN CONFIGURATIONS ARE AVAILABLE WITH A DRY INLET BAY FOR VECTOR CONTROL. PEAK HYDRAULIC CAPACITY PER TABLE BELOW. IF THE SITE CONDITIONS EXCEED PEAK HYDRAULIC CAPACITY, AN UPSTREAM BYPASS STRUCTURE IS REQUIRED.

CATCH BASIN DIAMETER	WALL THICKNESS	BASE THICKNESS	MAXIMUM KNOCKOUT SIZE	MINIMUM DISTANCE BETWEEN KNOCKOUTS	BASE REINFORCING STEEL IN <sup>2</sup> /FT IN EACH DIRECTION	
					INTEGRAL	SEPARATE
48"	4"	8"	36"	8"	0.15	0.23
54"	4.5"	8"	42"	8"	0.19	0.19
60"	5"	8"	48"	8"	0.25	0.25
72"	6"	8"	60"	12"	0.24	0.35
84"	8"	12"	72"	12"	0.30	0.59
96"	8"	12"	84"	12"	0.29	0.59

**GENERAL NOTES**

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- FOR SITE SPECIFIC DRAWINGS WITH DETAILED STORMFILTER CATCHBASIN STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. WWW.CONTECHES.COM
- STORMFILTER CATCHBASIN WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
- INLET SHOULD NOT BE LOWER THAN OUTLET. INLET (IF APPLICABLE) AND OUTLET PIPING TO BE SPECIFIED BY ENGINEER AND PROVIDED BY CONTRACTOR.
- MANUFACTURER TO APPLY A SURFACE BEAD WELD IN THE SHAPE OF THE LETTER "O" ABOVE THE OUTLET PIPE STUB ON THE EXTERIOR SURFACE OF THE STEEL SPFC.
- STORMFILTER CATCHBASIN EQUIPPED WITH 4 INCH (APPROXIMATE) LONG STUBS FOR INLET (IF APPLICABLE) AND OUTLET PIPING. STANDARD OUTLET STUB IS 8 INCHES IN DIAMETER. MAXIMUM OUTLET STUB IS 15 INCHES IN DIAMETER. CONNECTION TO COLLECTION PIPING CAN BE MADE USING FLEXIBLE COUPLING BY CONTRACTOR.
- STEEL STRUCTURE TO BE MANUFACTURED OF 1/4 INCH STEEL PLATE. CASTINGS SHALL MEET AASHTO M206 LOAD RATING. TO MEET HS20 LOAD RATING ON STRUCTURE, A CONCRETE COLLAR IS REQUIRED. WHEN REQUIRED, CONCRETE COLLAR WITH #4 REINFORCING BARS TO BE PROVIDED BY CONTRACTOR.
- FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF-CLEANING. RADIAL MEDIA DEPTH SHALL BE 7-INCHES. FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 38 SECONDS.
- SPECIFIC FLOW RATE IS EQUAL TO THE FILTER TREATMENT CAPACITY (gpm) DIVIDED BY THE FILTER CONTACT SURFACE AREA (sq ft).

**INSTALLATION NOTES**

- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CATCHBASIN (LIFTING CLUTCHES PROVIDED).
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION-RELATED EROSION RUNOFF.

**2-CARTRIDGE DEEP CATCHBASIN STORMFILTER DATA**

STRUCTURE ID	CB1
WATER QUALITY FLOW RATE (cfs)	0.032
PEAK FLOW RATE (<1.8 cfs)	0.089
RETURN PERIOD OF PEAK FLOW (yrs)	50
CATCHBASIN FLOW RATE (gpm)	12.53
MEDIA TYPE (PERLITE, ZPS, PSORB)	PSORB
RIM ELEVATION	199.97

**PIPE DATA**

PIPE DATA	I.E.	DIAMETER
INLET STUB	197.60	6"
OUTLET STUB	197.60	6"

**CONFIGURATIONS**

	INLET	OUTLET
SLOPED LID	NO	NO
SOLID COVER	NO	NO

NOTES/SPECIAL REQUIREMENTS:

**CONTECH ENGINEERED SOLUTIONS LLC**  
 4025 Corbett Parkway Dr., Suite 400, West Chester, OH 45399  
 513-445-2099 513-445-7000 513-445-7993 FAX

### CATCH BASIN WITH SILT TRAP TEE

**City of Chehalis**

APPROVED BY: *James R Nichols*  
 CITY ENGINEER

DWG. NO. 3-1  
 REVISED DATE 1/02/2003

Drawing Not to Scale

**NOTES:**

- CATCH BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS IN WSDOT STANDARD PLAN B-1.
- OLYMPIC FOUNDRY GRATES SMS50G OR SMS50S (OR APPROVED EQUAL), MAY BE REQUIRED WHEN CONDITIONS WARRANT, AS DETERMINED BY THE PUBLIC WORKS DIRECTOR.

### CATCH BASIN TYPE 2

**City of Chehalis**

APPROVED BY: *James R Nichols*  
 CITY ENGINEER

DWG. NO. 3-9  
 REVISED DATE 4/14/2005

Drawing Not to Scale

**PIPE ALLOWANCES**

CATCH BASIN DIAMETER	CONCRETE	ALL METAL	HDPE	SOLID WALL PVC
48"	24"	30"	24"	27"
54"	30"	36"	30"	27"
60"	36"	42"	36"	36"
72"	42"	54"	42"	36"
84"	54"	60"	54"	36"
96"	60"	72"	60"	36"

**NOTES:**

- NO STEPS ARE REQUIRED WHEN THE HEIGHT IS 4' OR LESS.
- KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MINIMUM TO 2.5" MAXIMUM. PROVIDE A 1.5" MINIMUM GAP BETWEEN THE KNOCKOUT WALL AND THE OUTSIDE OF THE PIPE. AFTER THE PIPE IS INSTALLED, FILL THE GAP WITH JOINT MORTAR.
- THE BOTTOM OF THE PRECAST BASIN MAY BE SLOPED TO FACILITATE CLEANING.
- FRAME AND GRATE MAY BE INSTALLED WITH FLANGE DOWN OR CAST INTO RISER.

### ST5 - CONTROL STRUCTURE

ORIFICE HEIGHT & DIA

ORIFICE	HEIGHT (FT)	DIA (IN)
①	BASE OF RISER	0.4375
②	191.80	0.625
③	192.70	0.375

6" SOLID COVER SLAB W/ SINGLE ACCESS PORT  
 6" MIN BETWEEN COVER SLAB & RISER  
 RISER STRUCTURE 18" DIA  
 PIPE SUPPORT AS NEEDED  
 TOP RISER EL=193.50  
 BOTTOM RISER EL=187.50  
 8" PVC IE=189.50  
 24" PVC IE=189.50  
 TYPE 2 SSMH  
 72" DIA  
 ST5 - CONTROL STRUCTURE  
 NTS

### TRENCH PAVEMENT RESTORATION DETAIL

**City of Chehalis**

APPROVED BY: *James R Nichols*  
 CITY ENGINEER

DWG. NO. 2-4  
 REVISED DATE 1/02/2003

Drawing Not to Scale

**NOTES:**

- ALL MATERIALS EXCEPT A.C.P. AND BEDDING MATERIAL SHALL BE COMPACTED IN 6-INCH MAXIMUM LIFTS TO 95% DENSITY.
- BEDDING SHALL CONFORM TO SECTION 9-03.16 OF STANDARD SPECIFICATIONS AS AMENDED BY CITY OF CHEHALIS STANDARDS.
- COMPACTION: BEDDING SHALL BE COMPACTED TO 95% MAX. AS DETERMINED BY ASTM D1557. BACKFILL SHALL BE COMPACTED TO 85% IN UNPAVED AREA, AND 95% IN PAVED OR SHOULDER AREAS AS DETERMINED BY ASTM D1557.
- ALL MATERIALS, WORKMANSHIP, AND INSTALLATION SHALL BE IN CONFORMANCE WITH THE MOST RECENT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION AS AMENDED BY CITY OF CHEHALIS PUBLIC WORKS STANDARDS.
- KEEP TRENCH BOTTOM COMPACTED WITH UNIFORM GRADE. A BELL JOINT SHALL BE REQUIRED AT EACH JOINT FOR PROPER SUPPORT. NO TEMPORARY SUPPORTS, I.E. BLOCKS, WILL BE ALLOWED TO SUPPORT PIPE. TRENCH BOTTOM SHALL BE TO GRADE PRIOR TO PIPE INSTALLATION.

### ST23 - MONITORING WELL DETAIL

METAL CAP WITH LOCK, CAP SHALL BE INSTALLED FLUSH WITH PROPOSED GRADE  
 AC PAVE  
 STRUCTURAL BACKFILL  
 FILTER FABRIC  
 6" PVC PIPE  
 WASHED DRAIN ROCK  
 6" PERF PVC PIPE PLUBED TO INFILTRATION FACILITY

### ST14 - CONTROL STRUCTURE

ORIFICE HEIGHT & DIA

ORIFICE	HEIGHT (FT)	DIA (IN)
①	BASE OF RISER	0.40
②	199.10	0.875
③	200.0	1.75

6" SOLID COVER SLAB W/ SINGLE ACCESS PORT  
 6" MIN BETWEEN COVER SLAB & RISER  
 RISER STRUCTURE 18" DIA  
 PIPE SUPPORT AS NEEDED  
 TOP RISER EL=201.0  
 BOTTOM RISER EL=195.0  
 8" PVC IE=197.0  
 24" PVC IE=197.0  
 TYPE 2 SSMH  
 72" DIA  
 ST14 - CONTROL STRUCTURE  
 NTS

### ST23 - MONITORING WELL DETAIL

**City of Chehalis**

APPROVED BY: *James R Nichols*  
 CITY ENGINEER

DWG. NO. 2-4  
 REVISED DATE 1/02/2003

Drawing Not to Scale

### ST23 - MONITORING WELL DETAIL

APPROVED FOR CONSTRUCTION

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 PUBLIC WORKS DEPARTMENT OR DESIGNATED CONSULTANT

APPROVAL EXPIRES: \_\_\_\_\_

DRAWING TITLE: GRADING & DRAINAGE DETAILS

CHECKED: MP  
 DRAWN: BW  
 DATE: 6/22/22  
 SCALE: N/A

PROJECT NAME: HISTORIC SCHOOL HOUSING RENOVATION

7/12/22  
 ANTHON L. FULLER  
 STATE OF WASHINGTON  
 49455  
 REGISTERED  
 PROFESSIONAL ENGINEER  
 EXP: 12/21/22

FULLER DESIGNS  
 1101 KRESKY AVE  
 CENTRALIA, WA 98531  
 (360) 807-4420

DATE: 6/22/22

DESCRIPTION: ISSUED FOR CONSTRUCTION

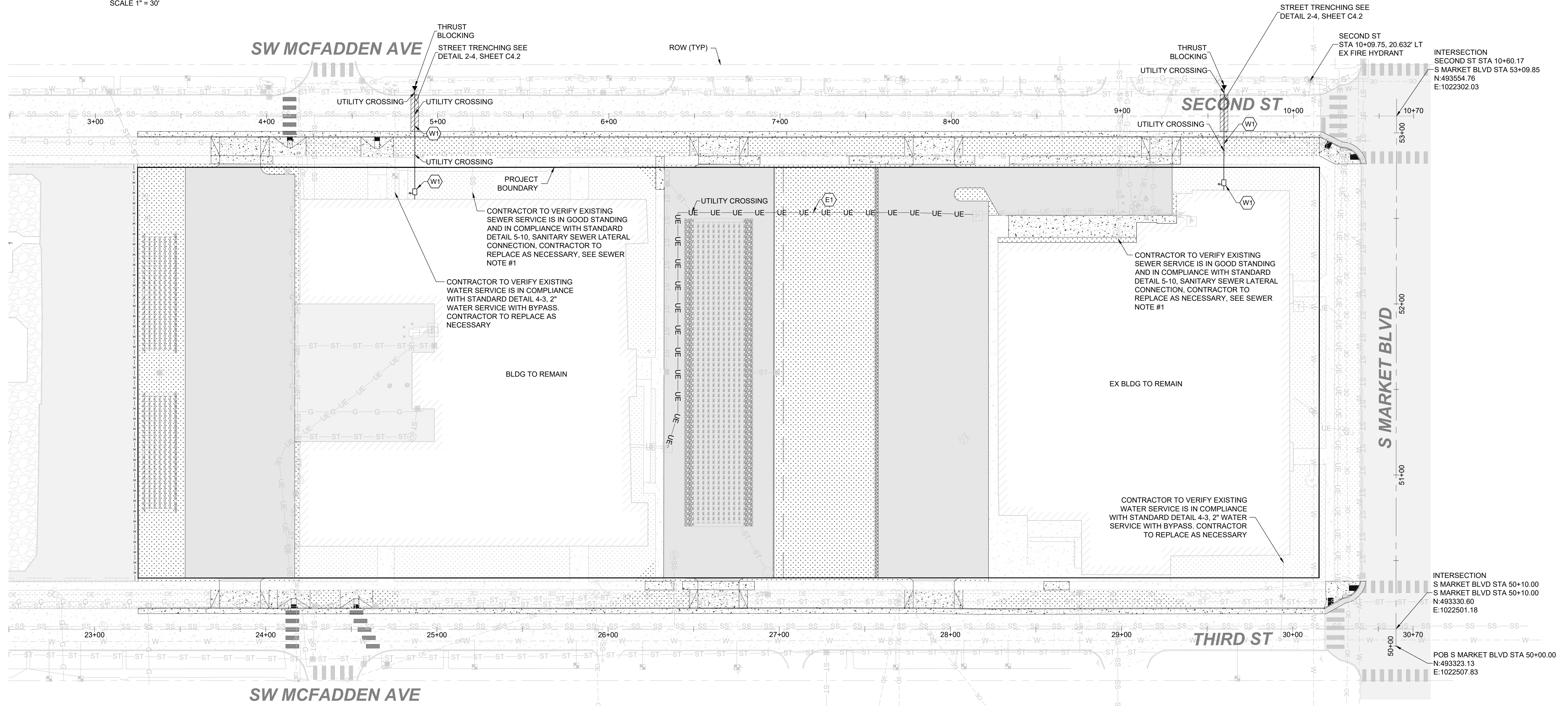
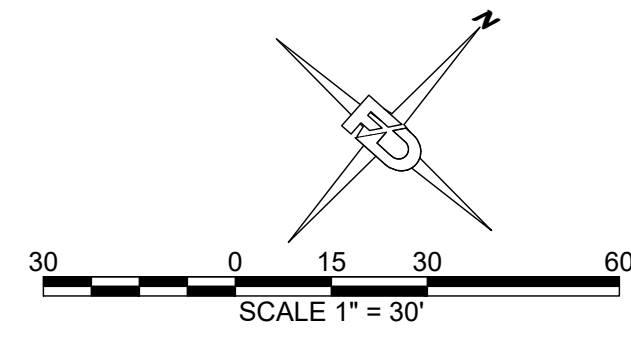
REV: 0

C3.2

8 OF 15



SECTION 32 TOWNSHIP 14N RANGE 02W



**WATER NOTES:**

(W1) INSTALL FIRE DEPARTMENT CONNECTION WITH DCDA FOR SINGLE METER CONNECTION PER DETAIL 4-6, SHEET C4.2

**ELECTRIC NOTES:**

(E1) UNDERGROUND ELECTRICITY TO BE REALIGNED

**SEWER NOTES:**

1. AS-BUILT DRAWINGS PROVIDED BY CITY OF CHEHALIS INDICATE 8" SEWER CONNECTION, CONTRACTOR SHALL FIELD VERIFY AND NOTIFY ENGINEER TO CONFIRM

**NOTE TO CONTRACTOR**

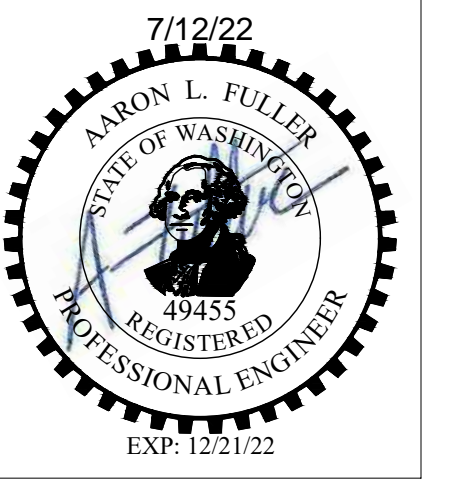
1. A HIGH PROFILE GAS FACILITY IS LOCATED ALONG THE NE SIDE OF SECOND ST. CONTRACTOR TO VERIFY LOCATION AND DEPTH. IF CHANGES ARE NECESSARY CONTRACTOR IS TO CONTACT FULLER DESIGNS. CONTRACTOR MUST CONTACT PSE AND SCHEDULE A STANDBY  
2. CONTRACTOR TO POTHOLE AND FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION

APPROVED FOR CONSTRUCTION

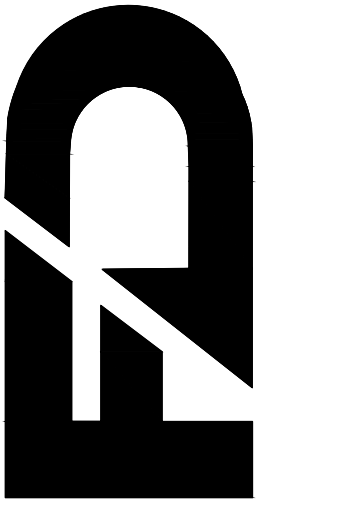
BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
PUBLIC WORKS DEPARTMENT OR DESIGNATED CONSULTANT

APPROVAL EXPIRES: \_\_\_\_\_

DRAWING TITLE: <b>UTILITY PLAN</b>		CHECKED: MP
DATE: 6/22/22	DRAWN: BW	
SCALE: 1"=30'	PROJECT NAME: <b>HISTORIC SCHOOL HOUSING RENOVATION</b>	



**FULLER DESIGNS**  
1101 KRESKY AVE  
CENTRALIA, WA 98531  
(360) 807-4420



REV.	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	6/22/22

**C4.1**  
9 OF 15

SECTION 32 TOWNSHIP 14N RANGE 02W

METER	Minimum Dimensions	BOOR	VALVE DEPTH	TEE
	"A"	"B"	"C"	
3" Compound	3' 6"	5' 6"	15"	3" X 3" 5' 0"
4" Compound	3' 6"	8' 0"	20"	3" X 3" 5' 0"
6" Compound	3' 6"	8' 0"	30"	3" X 3" 5' 0"
8" Compound	4' 6"	10' 0"	40"	4" X 4" 5' 0"

1 FLEX X FLG COUPLING  
 2 ALL-FLG TEE  
 3 FLG RES. SEATED GATE VALVE W/HAND WHEEL  
 4 COMPOUND METER  
 5 GATE VALVE W/HAND WHEEL  
 6 BRASS OR DUCTILE IRON NIPPLES  
 7 90° ELBOWS (MATERIAL TO BE SAME AS PIPE)  
 8 COMPANION FLG  
 9 BRASS OR DUCTILE IRON PIPE  
 10 MECHANICAL COUPLING  
 11 PIPE SLEEVE

**NOTES:**

- VAULT DIMENSIONS SHOWN ARE INSIDE. (MIN)
- BACKFLOW PREVENTION IS NOT INCLUDED AS PART OF THIS DETAIL.
- METER AND SERVICE LINE SIZES WILL VARY ACCORDING TO NEED.
- ALL VAULTS WILL BE SUPPORTED BY ADEQUATE FOOTING OR FLOOR.
- PIPE AND FIXTURES TO BE SET ON VALVE STANDS INSTALLED ACCORDING TO MANUFACTURERS SPECS.
- REMOTE READER UNIT SHALL BE LOCATED IN A READILY ACCESSIBLE AREA OUTSIDE THE VAULT, AS APPROVED BY THE CITY.
- DRAINAGE MUST BE PROVIDED FOR THE VAULT.

DRAWING NOT TO SCALE

City of Chehalis	
COMPOUND WATER METER WITH BYPASS FOR 3"-8" WATER SERVICE	
APPROVED BY	DWG. NO.
<i>James R Nichols</i>	4-4
CITY ENGINEER	REVISED DATE
	1/02/2003

**MATERIAL LIST:**

- OS&Y RESILIENT SEATED GATE VALVE W/HANDWHEEL FL X FL
- DOUBLE CHECK DETECTOR (DOH APPROVED) CHECK VALVE FL X FL
- POST INDICATOR VALVE
- 3/4" BALL VALVE (TEST COCK)
- CLASS 52 DI WALL PIPE FL X FL
- CLASS 52 DI 90° BEND FL X FL
- CLASS 52 DI TEE FL X FL
- SWING CHECK VALVE W/BALL DRIP ASSEMBLY
- FIRE DEPARTMENT CONNECTION
- VALVE STANDS
- WHERE PIPING PASSES THROUGH CONCRETE WALL PROVIDE 2" CLEARANCE W/ WATERPROOF MASTIC OR FLEXIBLE SEALANT

**GENERAL NOTES:**

- PIPE FROM VAULT TO BUILDING SHALL BE CLASS 52 DI.
- TAMPER SWITCHES SHALL BE INSTALLED ON 1 AND 3 CONNECTED TO BUILDING FIRE ALARM SYSTEM.
- INSTALL PLUGS ON ALL TEST COCKS. FINGER TIGHTEN.
- ALL PIPING SHALL BE A MINIMUM OF 4" DIA. AS PER NFPA13.

**City of Chehalis**

**FIRE DEPARTMENT CONNECTION W/ DCDA FOR SINGLE SERVICE**

APPROVED BY *James R Nichols* DWG. NO. 4-6  
CITY ENGINEER REVISED DATE 1/02/2003

DRAWING NOT TO SCALE

WITH THE INSTALLATION OF 1 1/2" OR 2" METER SETTERS, THE CONTRACTOR SHALL INSTALL THE METER AT THE TIME THE SETTER IS PUT IN PLACE. THE CONTRACTOR SHALL CONTACT THE CITY 48 HOURS PRIOR TO INSTALLATION OF THE SETTER AND COORDINATE THE DELIVERY OF THE METER WITH THE SETTER INSTALLATION. METER AND GASKETS WILL BE SUPPLIED BY THE CITY. THE CITY WILL LOCK OFF THE SETTER AFTER THE CONTRACTOR INSTALLS THE METER.

SIZE	A
1 1/2"	13 1/4"
2"	17 1/4"

**City of Chehalis**

**1 1/2"-2" WATER SERVICE WITH BYPASS**

APPROVED BY *James R Nichols* DWG. NO. 4-3  
CITY ENGINEER REVISED DATE 3/30/2005

DRAWING NOT TO SCALE

**City of Chehalis**

**CONNECTION TO EXISTING MAIN**

APPROVED BY *James R Nichols* DWG. NO. 4-11  
CITY ENGINEER REVISED DATE 3/16/2005

DRAWING NOT TO SCALE

**City of Chehalis**

**SANITARY SEWER LATERAL SERVICE CONNECTION**

APPROVED BY *James R Nichols* DWG. NO. 5-10  
CITY ENGINEER REVISED DATE 4/05/2007

DRAWING NOT TO SCALE

UTILITY DETAILS

CHECKED: MP  
DRAWN: BW  
DATE: 6/22/22  
SCALE: N/A  
PROJECT NAME: HISTORIC SCHOOL HOUSING RENOVATION

7/12/22  
AARON L. FULLER  
STATE OF WASHINGTON  
49455 REGISTERED  
PROFESSIONAL ENGINEER  
EXP: 12/31/22

FULLER DESIGNS  
1101 KRESKY AVE  
CENTRALIA, WA 98531  
(360) 807-4420

REV.	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	6/22/22

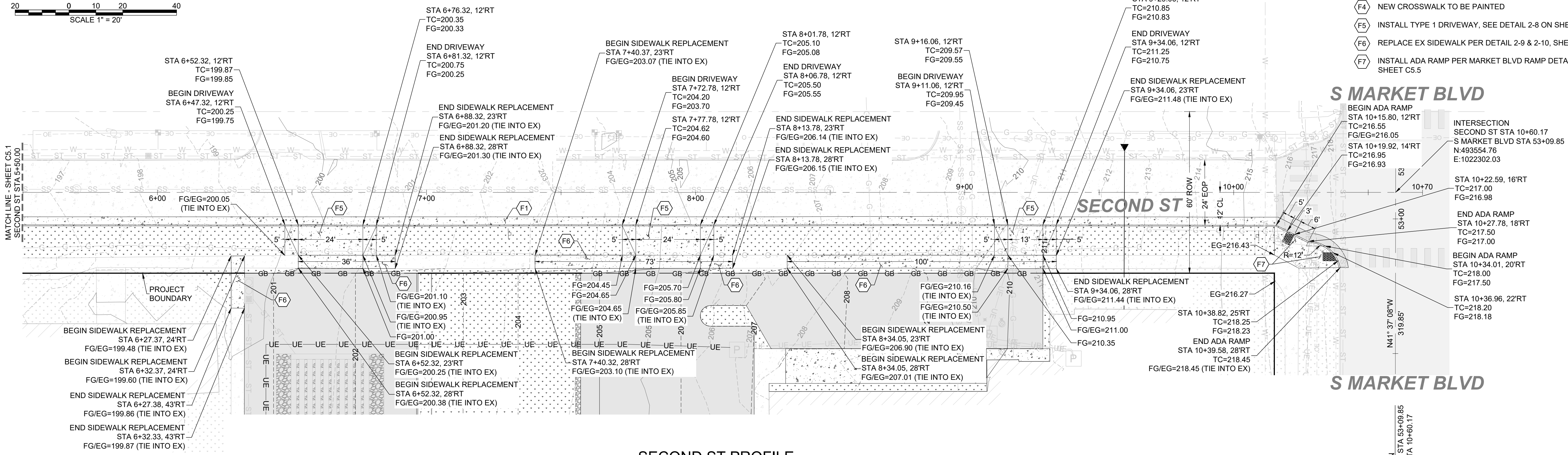
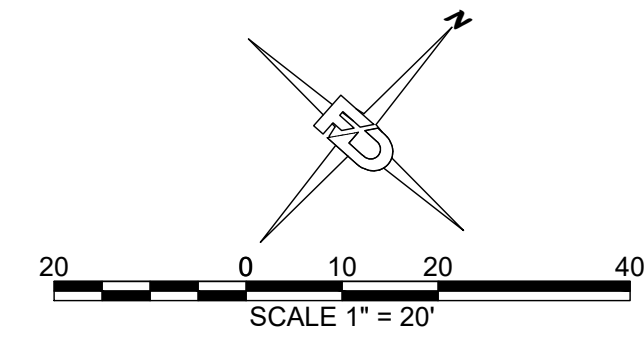
APPROVED FOR CONSTRUCTION

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
PUBLIC WORKS DEPARTMENT OR DESIGNATED CONSULTANT

APPROVAL EXPIRES: \_\_\_\_\_

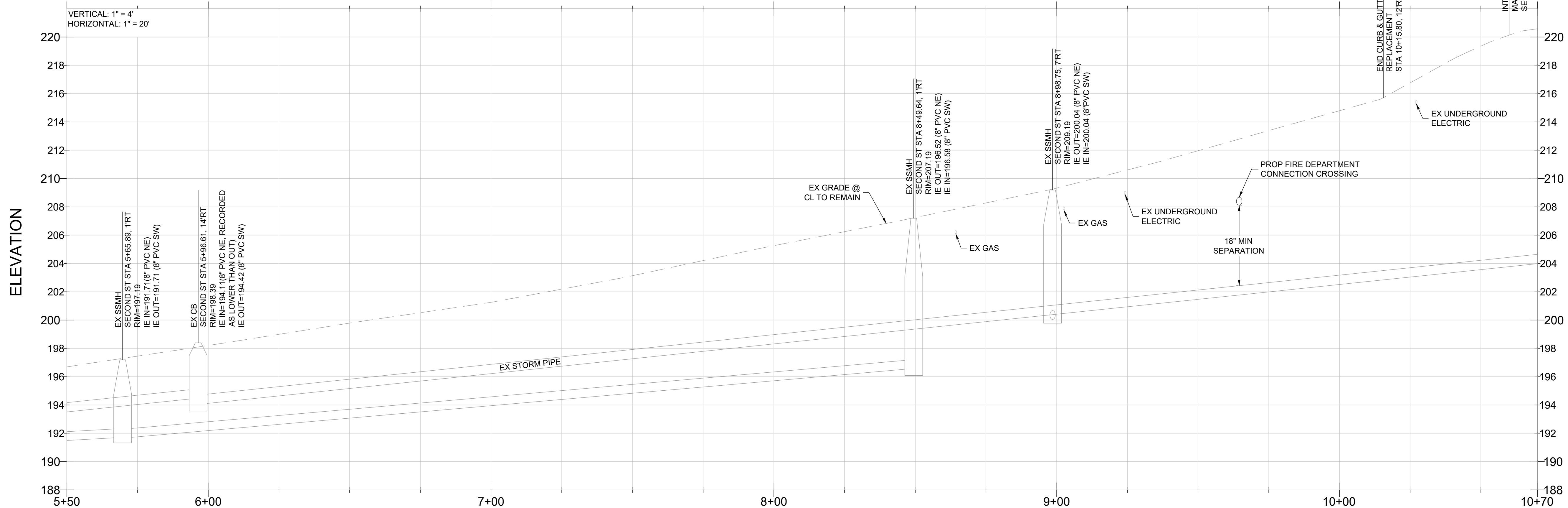


SECTION 32 TOWNSHIP 14N RANGE 02W



- STREET IMPROVEMENT NOTES:**
- (F1) EX CONC ROADWAY TO BE REPLACED WITH LIKE
  - (F2) INSTALL ADA RAMP PER DETAIL 2-15 ON SHEET C5.5
  - (F3) CROSSWALK TO BE REPAINTED
  - (F4) NEW CROSSWALK TO BE PAINTED
  - (F5) INSTALL TYPE 1 DRIVEWAY, SEE DETAIL 2-8 ON SHEET C5.5
  - (F6) REPLACE EX SIDEWALK PER DETAIL 2-9 & 2-10, SHEET C5.5
  - (F7) INSTALL ADA RAMP PER MARKET BLVD RAMP DETAIL, SHEET C5.5

SECOND ST PROFILE



**NOTE TO CONTRACTOR:**

- A HIGH PROFILE GAS FACILITY IS LOCATED ALONG THE NE SIDE OF SECOND ST. CONTRACTOR TO VERIFY LOCATION AND DEPTH. IF CHANGES ARE NECESSARY CONTRACTOR IS TO CONTACT FULLER DESIGNS. CONTRACTOR MUST CONTACT PSE AND SCHEDULE A STANDBY
- CONTRACTOR TO POT HOLE AND FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION

**APPROVED FOR CONSTRUCTION**

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 PUBLIC WORKS DEPARTMENT OR  
 DESIGNATED CONSULTANT

APPROVAL EXPIRES: \_\_\_\_\_

DRAWING TITLE: **SECOND ST PLAN & PROFILE**

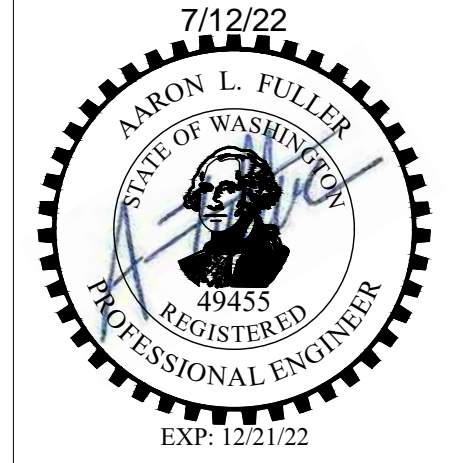
DATE: 6/22/22

SCALE: 1"=20'

CHECKED: MP

DRAWN: BW

PROJECT NAME: **HISTORIC SCHOOL HOUSING RENOVATION**



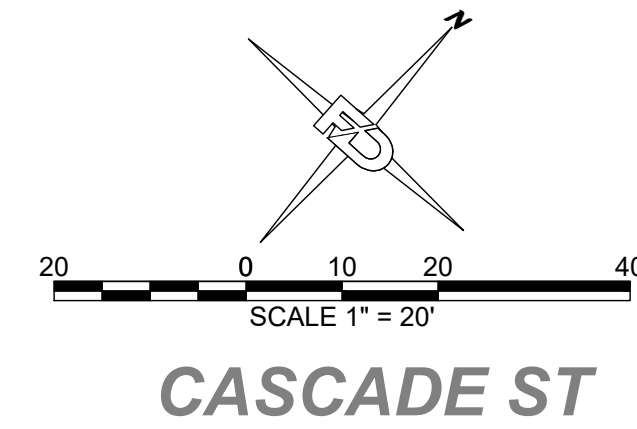
**FULLER DESIGNS**  
 1101 KRESKY AVE  
 CENTRALIA, WA 98531  
 (360) 807-4420

REV.	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	6/22/22

**C5.2**

12 OF 15

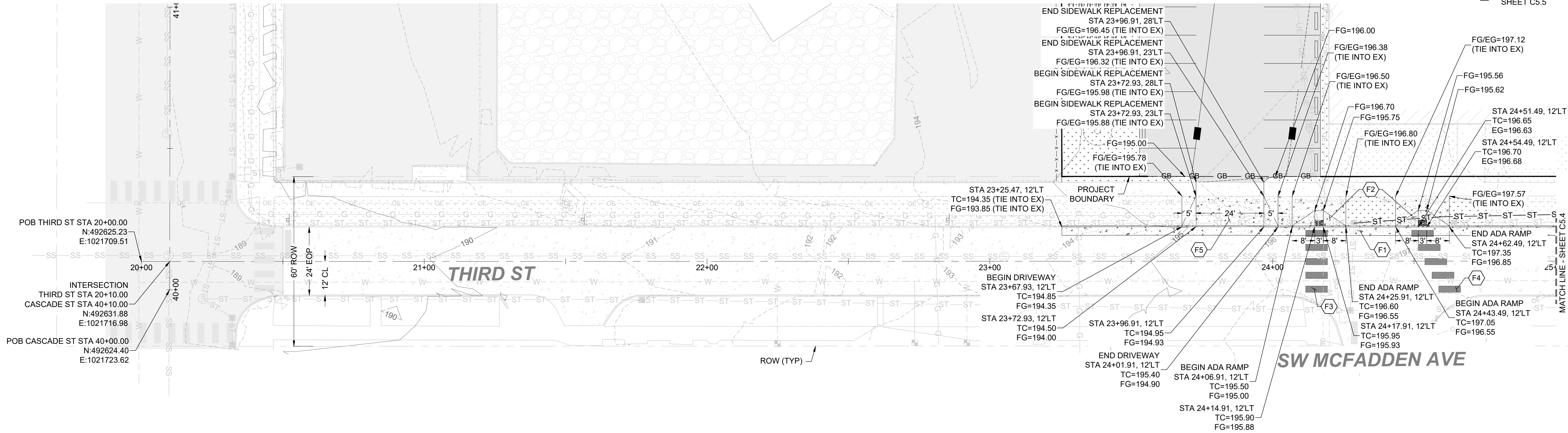
SECTION 32 TOWNSHIP 14N RANGE 02W



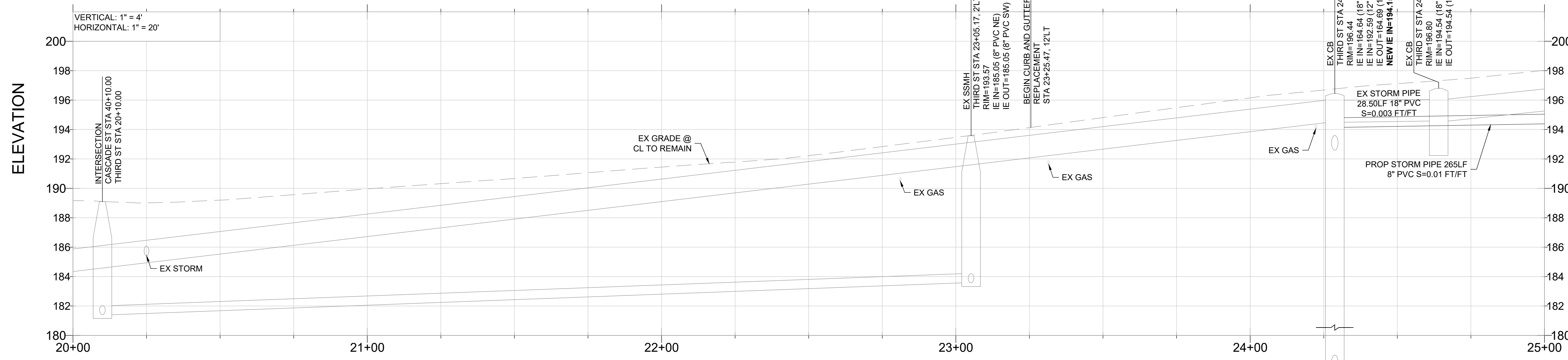
CASCADE ST

STREET IMPROVEMENT NOTES:

- (F1) EX CONC ROADWAY TO BE REPLACED WITH LIME
- (F2) INSTALL ADA RAMP PER DETAIL 2-15 ON SHEET C5.5
- (F3) CROSSWALK TO BE REPAINTED
- (F4) NEW CROSSWALK TO BE PAINTED
- (F5) INSTALL TYPE 1 DRIVEWAY, SEE DETAIL 2-8 ON SHEET C5.5
- (F6) REPLACE EX SIDEWALK PER DETAIL 2-9 & 2-10, SHEET C5.5
- (F7) INSTALL ADA RAMP PER MARKET BLVD RAMP DETAIL, SHEET C5.5



THIRD ST PROFILE



NOTE TO CONTRACTOR:

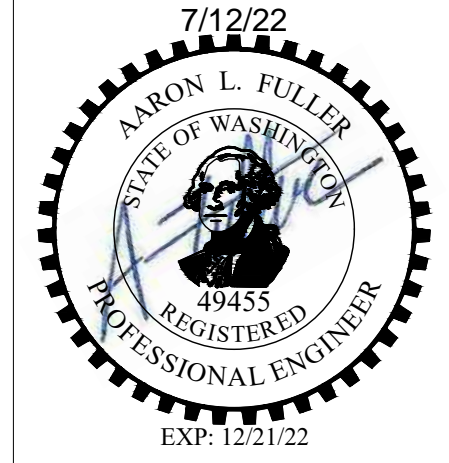
1. A HIGH PROFILE GAS FACILITY IS LOCATED ALONG THE NE SIDE OF SECOND ST. CONTRACTOR TO VERIFY LOCATION AND DEPTH. IF CHANGES ARE NECESSARY CONTRACTOR IS TO CONTACT FULLER DESIGNS. CONTRACTOR MUST CONTACT PSE AND SCHEDULE A STANDBY
2. CONTRACTOR TO POT HOLE AND FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION

APPROVED FOR CONSTRUCTION

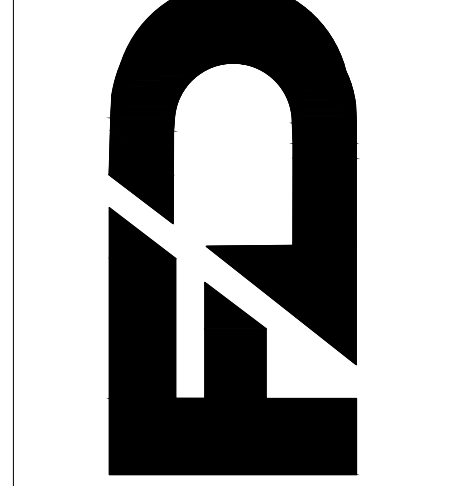
BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
PUBLIC WORKS DEPARTMENT OR  
DESIGNATED CONSULTANT

APPROVAL EXPIRES: \_\_\_\_\_

DRAWING TITLE: <b>THIRD ST PLAN &amp; PROFILE</b>	
SCALE: <b>1"=20'</b>	CHECKED: <b>MP</b>
DATE: <b>6/22/22</b>	DRAWN: <b>BW</b>
PROJECT NAME: <b>HISTORIC SCHOOL HOUSING RENOVATION</b>	



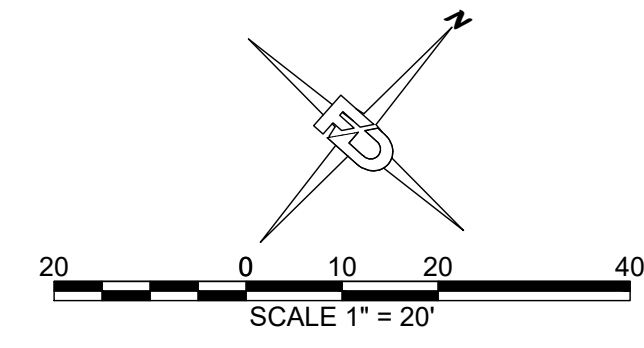
FULLER DESIGNS  
1101 KRESKY AVE  
CENTRALIA, WA 98531  
(360) 807-4420



DATE:	6/22/22
DESCRIPTION:	ISSUED FOR CONSTRUCTION
REV:	0

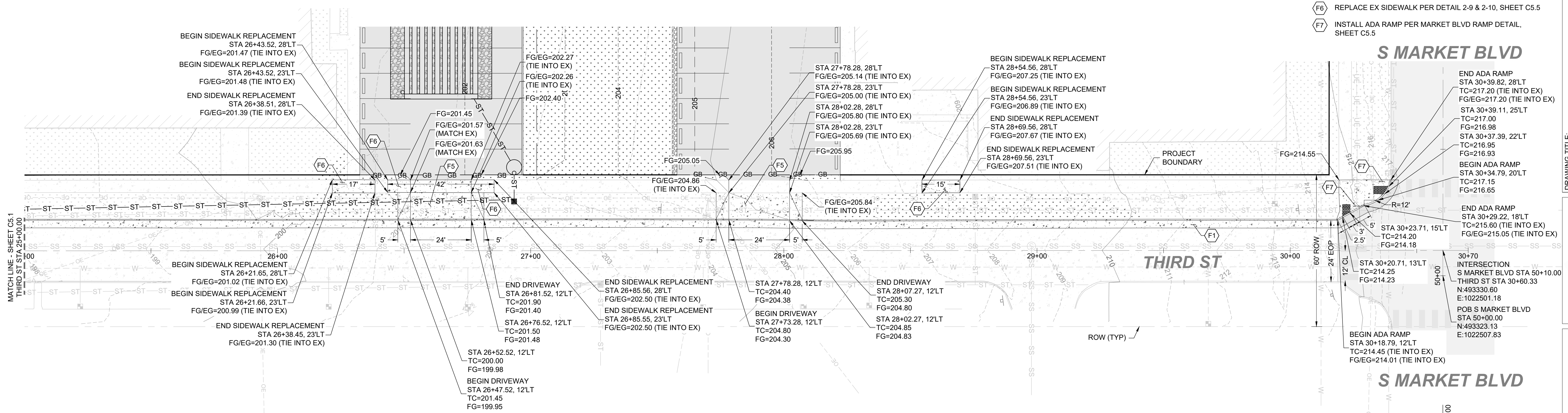
**C5.3**  
13 OF 15

SECTION 32 TOWNSHIP 14N RANGE 02W

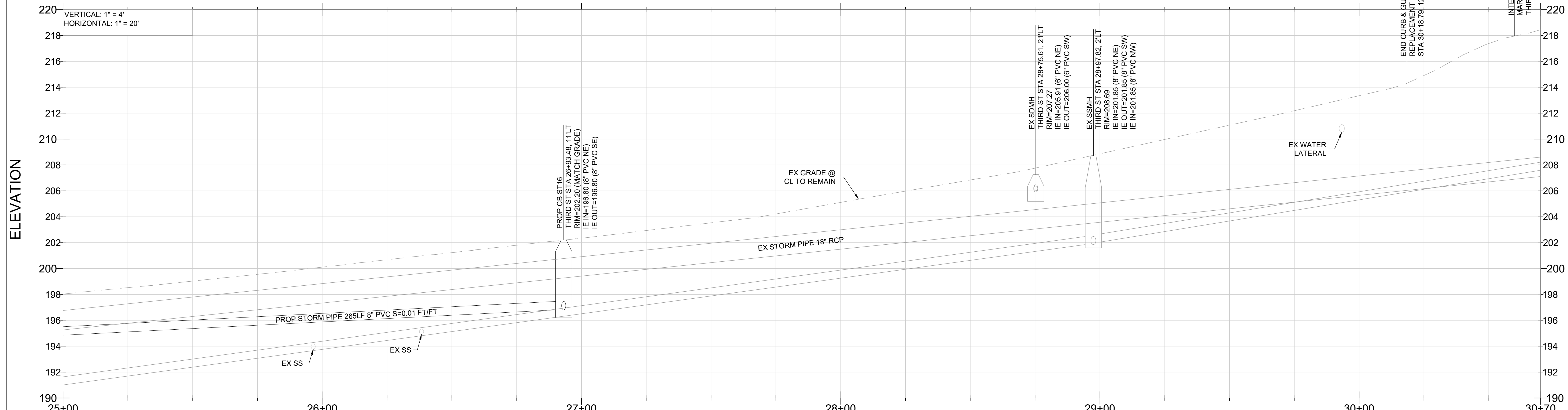


STREET IMPROVEMENT NOTES:

- (F1) EX CONC ROADWAY TO BE REPLACED WITH LIKE
- (F2) INSTALL ADA RAMP PER DETAIL 2-15 ON SHEET C5.5
- (F3) CROSSWALK TO BE REPAINTED
- (F4) NEW CROSSWALK TO BE PAINTED
- (F5) INSTALL TYPE 1 DRIVEWAY, SEE DETAIL 2-8 ON SHEET C5.5
- (F6) REPLACE EX SIDEWALK PER DETAIL 2-9 & 2-10, SHEET C5.5
- (F7) INSTALL ADA RAMP PER MARKET BLVD RAMP DETAIL, SHEET C5.5



THIRD ST PROFILE



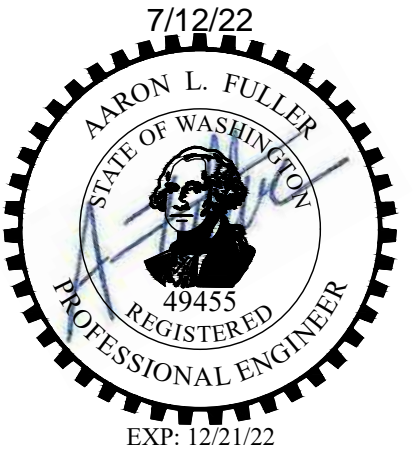
NOTE TO CONTRACTOR

1. A HIGH PROFILE GAS FACILITY IS LOCATED ALONG THE NE SIDE OF SECOND ST. CONTRACTOR TO VERIFY LOCATION AND DEPTH. IF CHANGES ARE NECESSARY CONTRACTOR IS TO CONTACT FULLER DESIGNS. CONTRACTOR MUST CONTACT PSE AND SCHEDULE A STANDBY  
 2. CONTRACTOR TO POT HOLE AND FIELD VERIFY UTILITIES PRIOR TO CONSTRUCTION

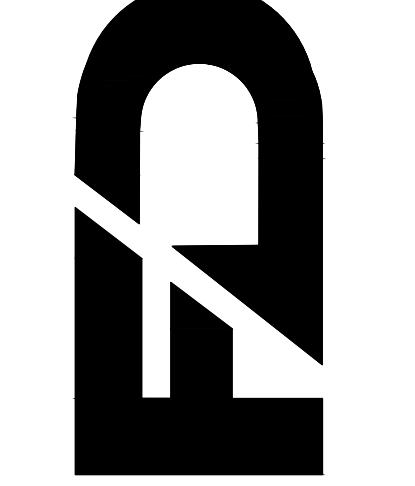
APPROVED FOR CONSTRUCTION

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 PUBLIC WORKS DEPARTMENT OR DESIGNATED CONSULTANT  
 APPROVAL EXPIRES: \_\_\_\_\_

DRAWING TITLE: **THIRD ST PLAN & PROFILE**  
 CHECKED: **MP**  
 DRAWN: **BW**  
 DATE: **6/22/22**  
 SCALE: **1"=20'**  
 PROJECT NAME: **HISTORIC SCHOOL HOUSING RENOVATION**



FULLER DESIGNS  
 1101 KRESKY AVE  
 CENTRALIA, WA 98531  
 (360) 807-4420



REV.	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	6/22/22

**C5.4**  
 14 OF 15

SECTION 32 TOWNSHIP 14N RANGE 02W

**TYPE I**

**TYPE II**

**SECTION A-A**

**NOTES:**

- WHERE D/W EXCEEDS 16' WIDTH A CONTRACTION JOINT SHALL BE PLACED TRAVERSELY IN WALK, CENTERED ALONG DRIVEWAY.
- EXPANSION JOINTS ARE REQUIRED TO ENSURE ISOLATION WHEN NEW CONCRETE IS PLACED AGAINST EXISTING CONCRETE OR EXISTING FEATURES.
- EXPANSION JOINT MATERIAL TO BE 3/8" THICK PREMOLDED JOINT FILLER FULL THICKNESS.
- FORM AND SUBGRADE INSPECTION ARE REQUIRED BEFORE PLACING CONCRETE.
- TRANSITION WIDTH WILL VARY DEPENDING ON DRIVEWAY SLOPE. MAINTAIN MAXIMUM 12:1 TRANSITION SLOPE.
- WHEN CHECKED WITH A 10 FOOT STRAIGHTEDGE, GRADE SHALL NOT DEVIATE MORE THAN 1/8 INCH & ALIGNMENT SHALL NOT VARY MORE THAN 1/4 INCH.
- BROOM FINISH LONGITUDINALLY WITH LIGHT BROOM FINISH.

**City of Chehalis**

**CEMENT CONCRETE DRIVEWAY**

APPROVED BY	DWG. NO.
<i>[Signature]</i>	2-8
CITY ENGINEER	REVISED DATE
	4/14/2010

Drawing Not to Scale

**GENERAL NOTES:**

- REFER TO STANDARD DRAWING 2-10 FOR INFORMATION ON JOINTS AND SCORING.
- SIDEWALK ACROSS CONCRETE DRIVEWAYS REQUIRE A MINIMUM DEPTH OF 6" FOR RESIDENTIAL DRIVES & 8" FOR ALL OTHER DRIVES.
- WHEN CHECKED WITH A 10' STRAIGHTEDGE, GRADE SHALL NOT DEVIATE MORE THAN 1/8 INCH & ALIGNMENT SHALL NOT VARY MORE THAN 1/4 INCH.

**City of Chehalis**

**SIDEWALK**

APPROVED BY	DWG. NO.
<i>[Signature]</i>	2-9
CITY ENGINEER	REVISED DATE
	1/02/2003

Drawing Not to Scale

**GENERAL NOTES:**

- EXPANSION JOINT MATERIAL TO BE 3/8" THICK PREMOLDED JOINT FILLER FULL THICKNESS OF CONCRETE.
- FORM AND SUBGRADE INSPECTION REQUIRED BEFORE POURING CONCRETE.
- SCORE MARKS SHALL BE ±1/8" WIDE BY ±1/4" DEEP. FOR SIDEWALKS OVER 8' IN WIDTH, A LONGITUDINAL SCORE MARK SHALL BE MADE ALONG CENTER OF WALK.
- EXPANSION JOINTS SHALL BE INSTALLED IN CURB AND GUTTER AND IN SIDEWALK AT PC AND PT AT ALL CURB RETURNS. EXPANSION JOINTS SHALL BE PLACED IN SIDEWALK AT SAME LOCATIONS AS THOSE IN CURB AND GUTTER WHEN SIDEWALK IS ADJACENT TO CURB AND GUTTER, UNLESS OTHERWISE DIRECTED BY ENGINEER.

**City of Chehalis**

**SIDEWALK SPACING**  
EXPANSION JOINTS & SCORE MARKS

APPROVED BY	DWG. NO.
<i>[Signature]</i>	2-10
CITY ENGINEER	REVISED DATE
	1/02/2003

Drawing Not to Scale

**NOTES:**

- MINIMUM RAMP LENGTH IS SIX FEET (6'). MINIMUM RAMP WIDTH IS THREE FEET (3').
- SEE SIDEWALK DETAIL FOR THICKNESS EXPANSION JOINTS, & SCORE MARKS.

**City of Chehalis**

**CURB RAMP CONSTRUCTION DETAILS**

APPROVED BY	DWG. NO.
<i>[Signature]</i>	2-11
CITY ENGINEER	REVISED DATE
	1/02/2003

Drawing Not to Scale

**FOR PROPERTY LINE SIDEWALK**

**FOR CURB LINE SIDEWALK**

**NOTE:**

- TRUNCATED DOME DETECTABLE WARNING PATTERN. SEE STANDARD DRAWING NO. 2-27.

**City of Chehalis**

**MID-BLOCK CURB RAMPS**

APPROVED BY	DWG. NO.
<i>[Signature]</i>	2-15
CITY ENGINEER	REVISED DATE
	3/30/2005

DRAWING NOT TO SCALE

	MIN.	MAX.
D	1 5/8"	2 3/8"
E	5/8"	1 1/2"
F	7/16"	3/4"
G	7/8"	1 7/16"

**TRUNCATED DOMES DETECTABLE WARNING PATTERN DETAIL**  
(SEE WSDOT STANDARD PLAN F-3b)

**NOTES:**

- DETECTABLE WARNING PATTERNS SHALL BE "NEXTSTEP" OR APPROVED EQUAL THAT WILL ACHIEVE THE TRUNCATED DOME DIMENSIONS AND SPACING SHOWN. THE DETECTABLE WARNING PATTERN AREA SHALL BE YELLOW, IN COMPLIANCE WITH WSDOT STANDARD SPECIFICATION 8-14.3(3).
- THE COLOR CONTRAST SHALL MEET THE FEDERAL REQUIREMENTS AS DEFINED BY THE FOLLOWING: DETECTABLE WARNINGS ON WALKING SURFACES. THE MATERIAL USED TO PROVIDE CONTRAST SHOULD CONTRAST BY AT LEAST 70%. CONTRAST IN PERCENT IS DETERMINED BY :  
CONTRAST = ((a-b)/A)\*100  
a= LIGHT REFLECTANCE VALUE OF THE LIGHTER AREA AND  
b=LIGHT REFLECTANCE VALUE OF THE DARKER AREA.

**City of Chehalis**

**TRUNCATED DOMES**

APPROVED BY	DWG. NO.
<i>[Signature]</i>	2-27
CITY ENGINEER	REVISED DATE
	3/30/2005

DRAWING NOT TO SCALE

**MODIFIED CURB RAMP**

**NOTES:**

- CROSS SLOPES ALONG RAMP SHALL NOT EXCEED A 2% SLOPE

DRAWING TITLE: FRONTAGE DETAILS

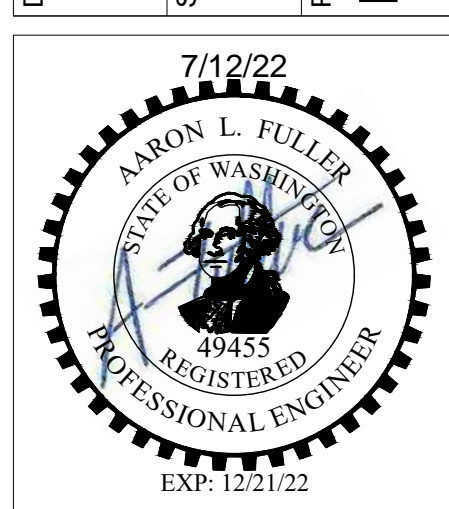
CHECKED: MP

DRAWN: BW

DATE: 6/22/22

SCALE: N/A

PROJECT NAME: HISTORIC SCHOOL HOUSING RENOVATION



**FULLER DESIGNS**  
1101 KRESKY AVE  
CENTRALIA, WA 98531  
(360) 807-4420

DATE:	6/22/22
DESCRIPTION:	ISSUED FOR CONSTRUCTION
REV:	0

APPROVED FOR CONSTRUCTION

BY: \_\_\_\_\_ DATE: \_\_\_\_\_

PUBLIC WORKS DEPARTMENT OR DESIGNATED CONSULTANT

APPROVAL EXPIRES: \_\_\_\_\_