CONSTRUCTION NOTES

- PRIVATE AND PUBLIC UTILITY LOCATE PRIOR TO EXCAVATION 2. POST CONSTRUCTION SOIL QUALITY AND DEPTH BMP DETAIL 1/C-2
- 4. PROPOSED ARTIFICIAL TURF; 640 SF EXPOSED SHALL BE APPLIED TO ALL DISTURBED PERVIOUS AREAS.
- 5. EXISTING AREA DRAIN TO BE RELOCATED 6. PROPOSED LOCATION FOR AREA DRAIN TO BE RELOCATED. INSTALL AND MAINTAIN INLET PROTECTION DURING CONSTRUCTION CODES AND REGULATION.
- PROPOSED EXPANSION ROOF AREA 837 SF PROPOSED 6" ROOF DRAIN PER DETAIL 2/C-2 (TYP)
- PROPOSED CLEANOUT PER DETAIL 2/C-2 (TYP)
- 10. EXISTING SIDEWALK TO REMAIN (TYP)

EXISTING 6" SEWER TO REMAIN

- 11. EXTEND EXISTING STORM DRAIN LINE
- 12. CONNECT EXISTING ROOF DRAIN TO PROPOSED ROOF DRAIN 13. PROPOSED FOOTING DRAIN. MATCH EXISTING FOOTING DRAIN
- MATERIAL AND SIZE (TYP). 14. REMOVE EXISTING ROOF DRAIN LINE UNDER PROPOSED BUILDING **EXPANSION**
- 15. REMOVE EXISTING FOOTING DRAIN LINE UNDER PROPOSED BUILDING
- **EXPANSION** 16. CONNECT EXISTING FOOTING DRAIN TO PROPOSED FOOTING DRAIN.
- 17. PROPOSED LIMITS OF DISTURBANCE; 14,515 SF TOTAL
- 18. PROPOSED SILT FENCE PER DETAIL 4/C-2. ROUTE AS NECESSARY TO AVOID EXISTING TREES TO REMAIN.
- 19. INSTALL AND MAINTAIN INLET PROTECTION PER DETAIL 3/C-2 20. APPROXIMATE CONTRACTOR LAYDOWN AREA. ENSURE NO SEDIMENT
- IS TRACKED BEYOND LIMITS OF DISTURBANCE. 21. PROPOSED ROOF EXPANSION AREA; 325 SF
- 22. PROPOSED SIDEWALK; 18 SF EXPOSED

- LOCATION OF EXISTING UTILITIES IS UNKNOWN. CALL 811 & PERFORM
- 3. THIS PLAN IS DIAGRAMMATIC. CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL WORK IN ACCORDANCE WITH ALL APPLICABLE
- 4. THE CONSTRUCTED IMPROVEMENTS SHALL NOT BE OPERATED UNTIL FINAL INSPECTION AND/OR ACCEPTANCE BY PROJECT ENGINEER.
- 5. ANY DEVIATIONS TO THIS PLAN WILL NOT BE ACCEPTED BY PROJECT ENGINEER UNLESS AUTHORIZED BY PROJECT ENGINEER PRIOR TO
- CONSTRUCTION. 6. SITE SHALL BE GRADED TO DRAIN AWAY FROM ALL PROPOSED AND EXISTING STRUCTURES AT A MINIMUM OF 2% GRADE.
- 7. DEPTH OF EXISTING PIPES AT CONNECTION POINTS IS UNKNOWN. PRIOR TO SITE CONSTRUCTION, CONTRACTOR SHALL POTHOLE TO VERIFY THAT THE EXISTING ROOF AND FOOTING DRAINS HAVE ADEQUATE DEPTH FOR THE REQUIRED PIPE SLOPES. IF ADEQUATE DEPTH AT THE PROPOSED CONNECTION POINTS DOES NOT EXIST, CONTACT THE ENGINEER FOR DIRECTION PRIOR TO INSTALLATION OF ANY PIPE OR APPURTENANCES.
- CONDITION OF EXISTING STORM DRAIN, ROOF DRAIN, AND FOOTING DRAIN PIPES IS UNKNOWN. CONTRACTOR SHALL CLEAN AND CAMERA ALL EXISTING ONSITE PIPES DOWNSTREAM OF PROPOSED CONNECTION POINTS PRIOR TO CONSTRUCTION. IF ANY EXISTING PIPES ARE FOUND TO BE DAMAGED OR OBSTRUCTED, CONTRACTOR SHALL REPLACE EXISTING DAMAGED OR OBSTRUCTED PIPES IN KIND AND RESTORE THE SITE TO EXISTING CONDITION AT THE LOCATION OF REPLACED PIPE.

ROOF AND STORM DRAIN NOTES

1. ROOF DRAIN PIPE SHALL BE SDR35 PVC AND SHALL BE AT A MINIMUM 2% GRADE TO DRAIN TO DISCHARGE LOCATION

SE 1/4 NW 1/4 SEC 1 TWN 18N RNG 1W NM

- 2. PIPE TRENCHING AND BACKFILL SHALL BE PER PIPE MANUFACTURER SPECIFICATIONS
- 3. ALL PIPE SHALL BE CLEANED VIA FLUSHING PRIOR TO CONNECTION TO DISCHARGE LOCATION
- 4. DRAIN FITTINGS SHALL BE ADS INJECTION MOLDED WATERTIGHT
- 5. ROOF DRAIN PIPE SHALL BE LAID STRAIGHT WITH NO SAGS OR BENDS IN PIPE. BENDS SHALL BE CONSTRUCTED WITH WATERTIGHT FITTINGS. 45-DEGREE WYE CLEANOUTS SHALL BE INSTALLED UPSTREAM OF ALL BENDS AND SHALL BE PER DETAIL 2/C-2
- 6. CONNECT ALL DOWNSPOUTS TO ROOF DRAINS WITH ADS WATERTIGHT FITTINGS PER DETAIL 2/C-2
- 7. DO NOT CONNECT ROOF DRAIN PIPE TO FOOTING DRAIN PIPE

SITE DATA

PARCEL #: 11801240400 SITE ADDRESS: 3020 WILLAMETTE DRIVE NE LACEY, WA 98516

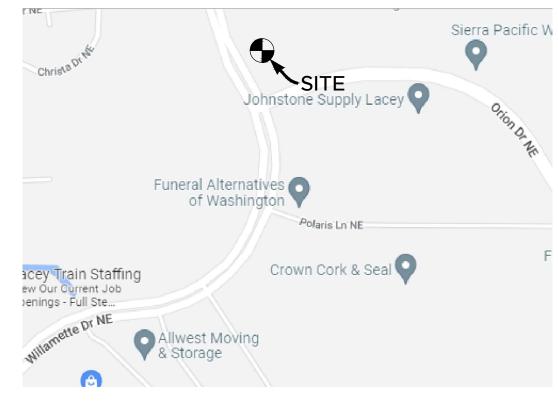
GROSS ACREAGE: 2.00 AC (PER COUNTY DATA) ZONING: COMMUNITY OFFICE **EXISTING USE:** OFFICE PRESIDING JURISDICTION: CITY OF LACEY

SITE COVEDAGE DATA

SITE COVERAGE DATA		
•	EXISTING HARD SURFACE:	51,199 SF
•	EXISTING HARD SURFACE TO REMAIN:	50,713 SF
•	REPLACED HARD SURFACE:	232 SF
•	CONVERTED IMPERVIOUS TO PERVIOUS:	0 SF
•	NEW HARD SURFACE:	1,885 SF
•	TOTAL NEW PLUS REPLACED HARD SURFACE:	2,117 SF
•	TOTAL HARD SURFACE AFTER PROJECT:	52,598 SF
•	NEW POLLUTION GENERATING HARD SURFACE:	0 SF
•	PROPOSED EFFECTIVE HARD SURFACE:	1,885 SF

SURVEY DATA

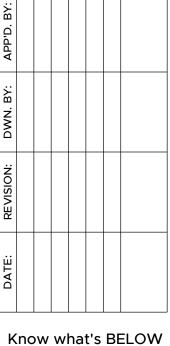
EXISTING FEATURES ARE AS DEPICTED IN AS-BUILTS BY BARGHAUSEN CONSULTING ENGINEERS, INC, DATED 12/01/2004



VICINITY MAP

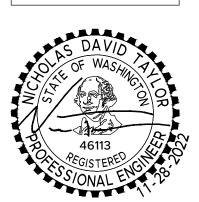
TPN: 11801130102 _____RD______RD______ **EXISTING COMMUNITY ACTION** COUNCIL BUILDING **SCALE IN FEET** 16,997 SF

WILLAMETTE DRIVE NE



Call 811 before you dig.

11-28-2022



C-1

2. ESTABLISH CONSTRUCTION ACCESS LIMIT CONSTRUCTION VEHICLE ACCESS AND EXIT TO ONE ROUTE, IF POSSIBLE. MINIMIZE CONSTRUCTION SITE ACCESS POINTS ALONG LINEAR PROJECTS, SUCH AS ROADWAYS. SEDIMENT MUST NOT BE TRACKED OFF-SITE. IF SEDIMENT IS TRACKED OFF-SITE, CLEAN THE AFFECTED ROADWAY/ACCESS THOROUGHLY AT THE END OF EACH DAY, OR MORE FREQUENTLY AS NECESSARY (FOR EXAMPLE, DURING WET WEATHER). REMOVE SEDIMENT FROM ROADS BY SHOVELING, SWEEPING, OR PICKING UP AND TRANSPORTING THE SEDIMENT TO A CONTROLLED SEDIMENT DISPOSAL AREA. CONDUCT STREET WASHING ONLY AFTER SEDIMENT IS REMOVED IN ACCORDANCE WITH THE ABOVE SENTENCE.

CONTROL FLOW RATES AS THE PROJECT SITE IS FULLY DEVELOPED, AND AS THERE ARE NO SIGNIFICANT SLOPES, THIS ELEMENT IS NOT APPLICATION.

4. INSTALL SEDIMENT CONTROLS CONSTRUCT SEDIMENT CONTROL BMPS AS ONE OF THE FIRST STEPS IN GRADING. THESE BMPS SHALL BE FUNCTIONAL BEFORE OTHER LAND DISTURBING ACTIVITIES TAKE PLACE. INSTALL BMP C233: SILT FENCE AS INDICATED ON THE DRAWINGS.

STABILIZE SOILS STABILIZE EXPOSED AND UNWORKED SOILS BY APPLICATION OF EFFECTIVE BMPS THAT PREVENT EROSION. APPLICABLE BMPS INCLUDE, BUT ARE NOT LIMITED TO: TEMPORARY AND PERMANENT SEEDING, SODDING, MULCHING, PLASTIC COVERING, EROSION CONTROL FABRICS AND MATTING, SOIL APPLICATION OF POLYACRYLAMIDE (PAM), THE EARLY APPLICATION OF GRAVEL BASE ON AREAS TO BE PAVED, AND DUST CONTROL. SOILS MUST NOT REMAIN EXPOSED AND UNWORKED FOR MORE THAN THE TIME PERIODS SET FORTH BELOW TO PREVENT EROSION.

O DURING THE DRY SEASON (MAY 1-SEPTEMBER 30): 7 DAYS O DURING THE WET SEASON (OCTOBER 1-APRIL 30): 2 DAYS

STABILIZE SOILS AT THE END OF THE SHIFT BEFORE A HOLIDAY OR WEEKEND IF NEEDED BASED ON THE WEATHER FORECAST. STABILIZE SOIL STOCKPILES FROM EROSION; PROTECT WITH SEDIMENT TRAPPING MEASURES; AND WHERE POSSIBLE, LOCATE AWAY FROM STORM DRAIN INLETS, WATERWAYS, AND DRAINAGE CHANNELS. MINIMIZE THE AMOUNT OF SOIL EXPOSED DURING CONSTRUCTION ACTIVITY. UTILIZE BMP C123: PLASTIC COVERING AS NECESSARY TO STABILIZE EXPOSED SOILS.

PROTECT SLOPES

THERE ARE NO EXISTING OR PROPOSED SLOPES TO PROTECT.

PROTECT DRAIN INLETS

PROTECT ALL STORM DRAIN INLETS MADE OPERABLE DURING CONSTRUCTION SO THAT STORMWATER RUNOFF DOES NOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR TREATED TO REMOVE SEDIMENT. INSTALL AND MAINTAIN BMP C220: INLET PROTECTION, AS INDICATED IN THE DRAWINGS.

STABILIZE CHANNELS AND OUTLETS

THERE ARE NO PROPOSED OR EXISTING CHANNELS OR OUTLETS TO STABILIZE.

CONTROL POLLUTANTS

UTILIZE BMP C151: CONCRETE HANDLING AND BMP C153: MATERIAL DELIVERY, STORAGE, AND CONTAINMENT AS NECESSARY.

CONTROL DEWATERING

THERE IS NO PROPOSED DEWATERING.

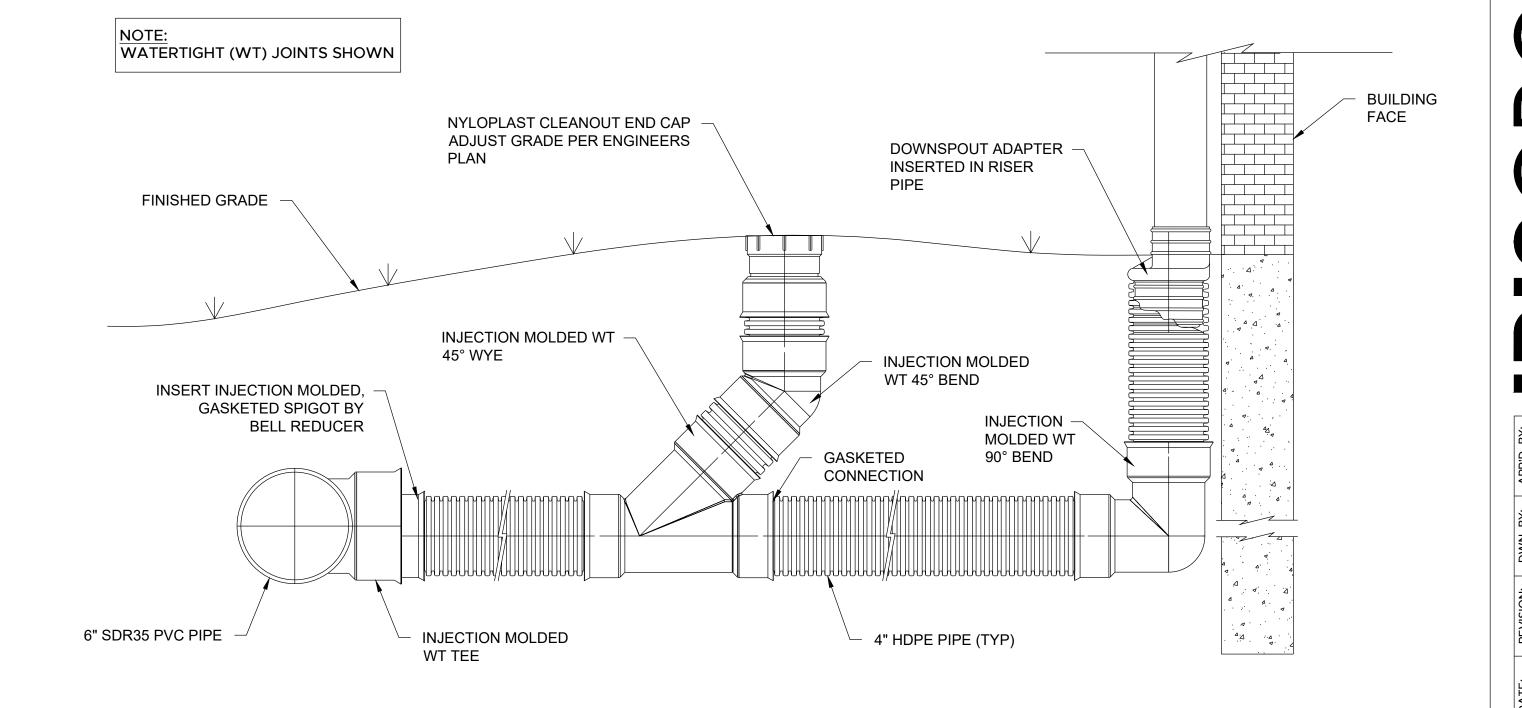
MAINTAIN BMPS MAINTAIN AND REPAIR ALL TEMPORARY AND PERMANENT CONSTRUCTION STORMWATER BMPS AS NEEDED TO ENSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION IN ACCORDANCE WITH BMP SPECIFICATIONS. REMOVE ALL TEMPORARY CONSTRUCTION STORMWATER BMPS WITHIN 30 DAYS AFTER ACHIEVING FINAL SITE STABILIZATION OR AFTER THE TEMPORARY BMPS ARE NO LONGER NEEDED. UTILIZE BMP C150: MATERIALS ON HAND AND

NECESSARY. 12. MANAGE THE PROJECT

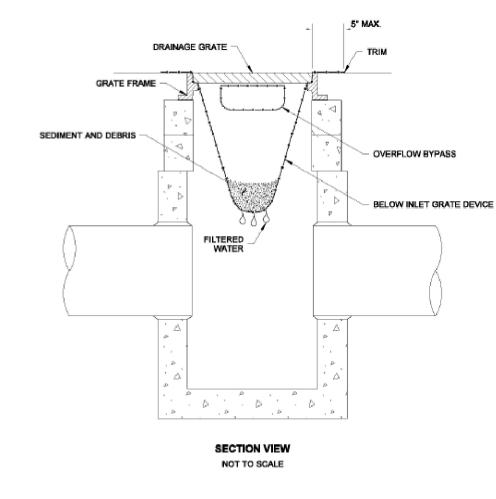
INSPECT, MAINTAIN, AND REPAIR ALL BMPS AS NEEDED TO ENSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. MAINTAIN, UPDATE, AND IMPLEMENT THE CONSTRUCTION SWPPP.

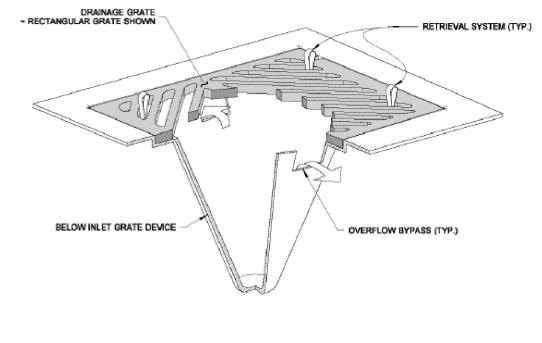
BMP C160: CERTIFIED EROSION AND SEDIMENT CONTROL LEAD. AS

13. PROTECT LOW IMPACT DEVELOPMENT BMPS THERE ARE NO PROPOSED LID BMPS.

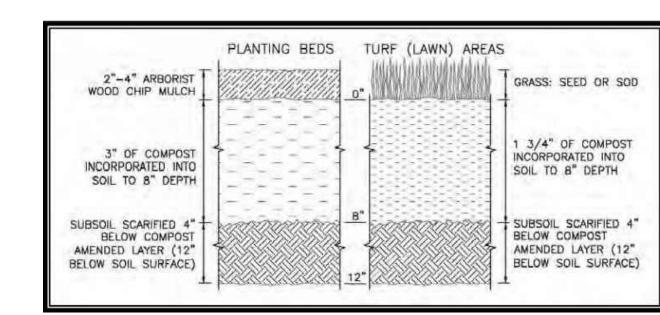


ROOF DRAIN NOT TO DETAIL **SCALE**





ISOMETRIC VIEW



REVIEWED BY: DESIGNED BY NDT DRAWN BY: EJM 11-28-2022

Know what's BELOW

Call 811 before you dig.



PROJ. NO: SP01 C-2 2 of 2



Minimum

Post spacing may be increased

Backfill trench with native soil or 3/4" 1.5" washed gravel

to 8' if wire backing is used

2"x2" by 14 Ga. wire or equivalent, if standard strength fabric used

Filter fabric

Minimum -

4"x4" trench

2"x2" wood posts, steel

fence posts, or equivalent

4"x4" trench

SILT FENCE DETAIL

Joints in filter fabric shall be spliced

at posts. Use staples, wire rings or

equivalent to attach fabric to posts

2"x2" by 14 Ga. wire or equivalent,

if standard strength fabric used

2"x2" wood posts, steel

2' min

fence posts, or equivalent

NOT TO SCALE

INLET PROTECTION DETAIL

SCALE

POST CONSTRUCTION SOIL QUALITY AND DEPTH DETAIL