

LEGEND (MODAWELL & ASSOCIATES)

EXISTING FEATURES

- ⊗ WATER VALVE
- ⊕ FIRE HYDRANT
- CATCH BASIN
- SEWER MANHOLE
- FOUND MONUMENT IN CASE SET REBAR & CAP, LS #19582
- UTILITY POLE
- WATER METER
- ⊙ EVERGREEN TREE WITH SIZE AND DRIPLINE
- ⊙ DECIDUOUS TREE WITH SIZE AND DRIPLINE

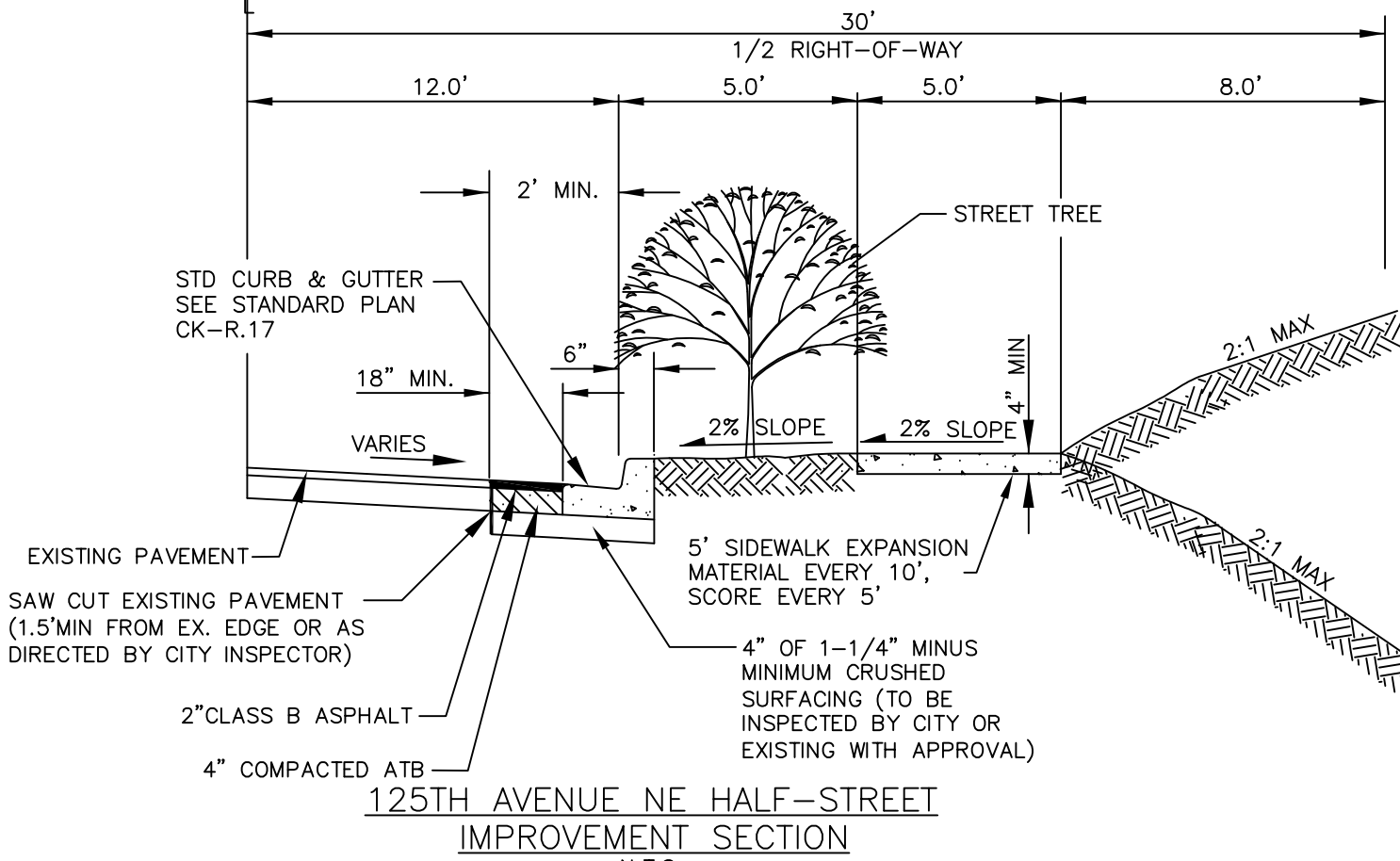
PROPOSED FEATURES

- ⊙ STREET TREE
- TC TOP OF CURB
- FL FLOW LINE OF CURB
- BW BACK OF WALK
- CONCRETE
- CATCH BASIN
- CO CLEAN OUT
- S— STORM LINE

NOTES

1. THE EXISTING CONDITIONS OF THE SUBJECT SITE IS BASED ON TOPOGRAPHIC AND BOUNDARY MAP PREPARED BY MODAWELL & ASSOCIATES, DATED 10/5/07, PROJECT, NO. 07141.
2. CONTRACTOR OR BUILDER SHALL VERIFY THE INVERT ELEVATION OF THE EXISTING STORM LINE PRIOR TO ANY CONSTRUCTION.
3. CONTRACTOR SHALL VERIFY THE LOCATION & WIDTH OF THE DRIVEWAYS PER ARCHITECTURAL SITE PLANS PRIOR TO THE CONSTRUCTION OF THE CURB, GUTTER, & SIDEWALK.
4. CONTRACTOR OR BUILDER SHALL VERIFY THE LOWEST FOOTING ELEVATION FOR THE PROPOSED BUILDING TO ENSURE TOP OF INFILTRATION TRENCH IS ONE FOOT LOWER THAN THE LOWEST FOOTING ELEVATION.
5. ROOF DRAINS SHALL BE TIGHTLINED TO THE SUMP PUMP SYSTEM AS SHOWN HEREON.
6. ON-SITE GRADING IS NOT PART OF THIS IMPROVEMENT PLAN SEE THE APPROVED SITE PLAN PREPARED BY THE ARCHITECT FOR THIS SUBJECT PROPERTY.
7. CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF THE EXISTING SIDE SEWER FOR NEW HOUSE CONNECTION.
8. BUILDER AND CONTRACTOR SHALL VERIFY THE FINISHED BUILDING ELEVATION PER ARCHITECTURAL PLANS TO ENSURE THE POSITIVE SLOPE FROM ROOF AND FOOTING DRAIN TO THE PROPOSED SUMP PUMP OR INFILTRATION TRENCH SYSTEM.
9. THE SUMP PUMPS SHALL BE SIZED BY SUPPLIER AND/OR MANUFACTURER TO ENSURE 105 GPM FOR SUMP PUMP CAN BE ACHIEVED. THE FRICTION LOSS AND HEAD LOSS THROUGH THE PVC FORCE MAIN SHALL BE CONSIDERED BY THE MANUFACTURER OR SUPPLIER FOR THE PROPER SIZING OF SUMP PUMP AND FORCE MAIN.
10. CONTRACTOR OR BUILDER SHALL VERIFY THE PROPOSED GRADES WITH THE ARCHITECT'S SITE PLANS TO ENSURE THE FORCEMAIN'S MINIMUM COVER AND POSITIVE SLOPE CAN BE MAINTAINED.
11. CONTRACTOR OR BUILDER SHALL VERIFY WITH THE ARCHITECT'S SITE PLANS FOR ANY RETAINING WALL OR ROCKERY PROPOSED OVER THE FORCEMAIN. WHERE THERE IS A RETAINING WALL OR ROCKERY OVER THE FORCEMAIN, A 6" D.I. CASING SHALL BE USED TO PROTECT THE FORCEMAIN. THE LENGTH OF THE CASING SHALL BE 1' LONGER THAN THE FOOTING OF THE RETAINING WALL OR ROCKERY ON EACH END.

SE 1/4, SEC. 9, TWP.25 N., RNG. 5 E., W.M.

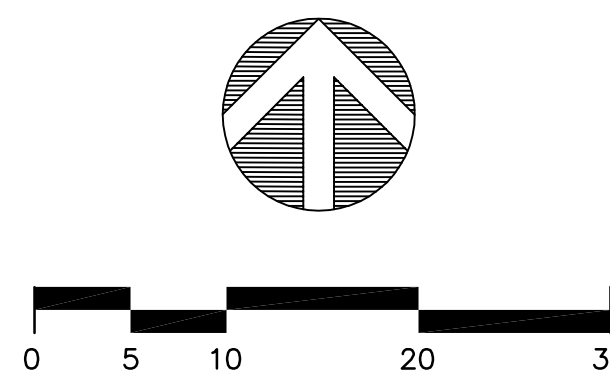


HORIZONTAL DATUM

NAD 1983/91

VERTICAL DATUM

NAVD88

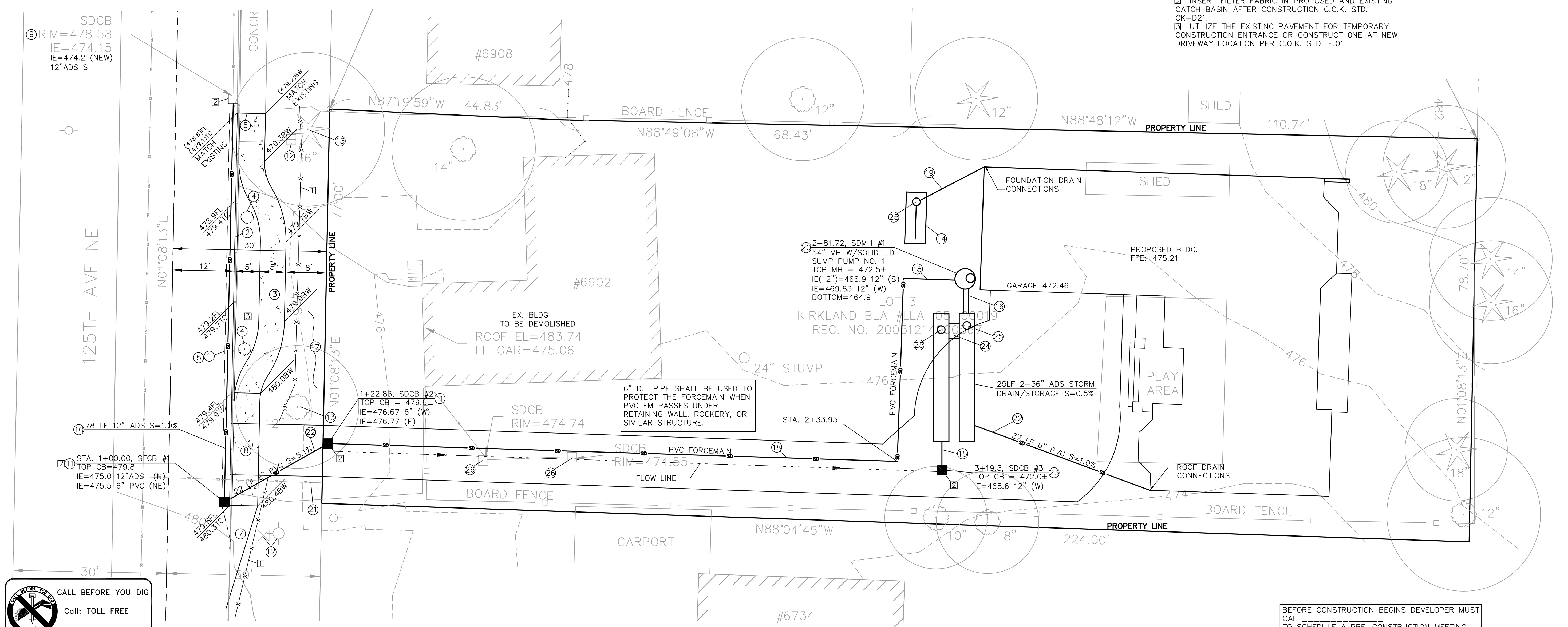


CONSTRUCTION NOTES

- 1 SAWCUT AND REMOVE EXISTING ASPHALT (1.5' MIN FROM EDGE OR AS DIRECTED BY CITY INSPECTOR.)
- 2 CONSTRUCT CONCRETE CURB AND GUTTER PER C.O.K. STD. CK-R.17.
- 3 CONSTRUCT 5' WIDE CONCRETE SIDEWALK PER C.O.K. STD. CK-R.23.
- 4 PLANT STREET TREES IN LANDSCAPE STRIP AT 30' ON CENTER IF FEASIBLE. LOCATION AND NUMBER OF TREE SHALL BE DETERMINED IN FIELD AS DIRECTED BY THE CITY'S INSPECTOR.
- 5 CONSTRUCT ASPHALT PAVEMENT PER "HALF STREET IMPROVEMENT SECTION" DETAIL THIS SHEET & C.O.K. STD. CK-R.12.
- 6 MATCH EXISTING CONCRETE CURB, GUTTER AND SIDEWALK.
- 7 CONSTRUCT ASPHALT RAMP TO MATCH EXISTING PAVEMENT AS SHOWN.
- 8 CONSTRUCT CONCRETE DRIVEWAY PER C.O.K. STD. CK-R.21. (SEE NOTE 3)
- 9 CONNECT NEW 12" STORM PIPE TO EXISTING CATCH BASIN (SEE NOTE 2).
- 10 CONSTRUCT 12" ADS PIPE PER C.O.K. STD. CK-D.02.
- 11 CONSTRUCT CATCH BASIN TYPE 1 W/ FRAME & GRATE PER C.O.K. STD. CK-D.07 & CK-D.13.
- 12 PROTECT EXISTING WATER METER, VALVE & HYDRANT IN PLACE.
- 13 PROTECT EXISTING TREES IN PLACE.
- 14 CONSTRUCT 10'LONG X 4'WIDE INFILTRATION TRENCH PER C.O.K. STD. CK-D22. (SEE NOTE 4)
- 15 CONSTRUCT 4 LF 6" PVC STORM PIPE S=0.5% W/ DOWN TURNED ELBOW IN CATCH BASIN PER C.O.K. CK-D.02.
- 16 CONSTRUCT 4 LF 12" ADS STORM PIPE S=0.6% PER C.O.K. CK-D.02.
- 17 RESTORE DISTURBED AREAS WITH LANDSCAPING OR HYDROSEED.
- 18 CONSTRUCT PVC FORCEMAIN AND BACKFLOW PREVENTER ON EACH END WITH POSITIVE GRADE (SEE PROFILE & NOTES 8 & 11)
- 19 CONSTRUCT 4" PVC STORM LINE AT MIN 1.0% SLOPE WITH BACKFLOW PREVENTER. (SEE NOTE 8)
- 20 CONSTRUCT 54" MANHOLE, TYPE II, WITH SUMP PUMP AND SOLID LID PER C.O.K. STD. CK-D0.09 AND CK-D.18. (SEE NOTE 9 AND DETAIL SHEET 2)
- 21 CONSTRUCT SIDE SEWER FROM EXISTING SEWER STUBOUT TO PROPOSED HOUSE PER C.O.K. STD. CK-S.20 (SEE NOTE 7)
- 22 CONSTRUCT 6" PVC STORM PIPE PER C.O.K. CK-D.02 WITH BACKFLOW PREVENTER.
- 23 CONSTRUCT CATCH BASIN TYPE I WITH FRAME AND GRATE C.O.K. STD CK-D.07 & CK-D.13.
- 24 CONSTRUCT 2 LF 12" ADS CONNECTOR PIPE PER C.O.K. CK-D.02.
- 25 CONSTRUCT 6" CLEANOUT FOR OBSERVATION WELL.
- 26 REMOVE EXISTING CATCH BASIN

EROSION CONTROL NOTES

- 11 INSTALL SILT FENCE PER C.O.K. STD. E.03.
- 2 INSERT FILTER FABRIC IN PROPOSED AND EXISTING CATCH BASIN AFTER CONSTRUCTION C.O.K. STD. CK-D21.
- 3 UTILIZE THE EXISTING PAVEMENT FOR TEMPORARY CONSTRUCTION ENTRANCE OR CONSTRUCT ONE AT NEW DRIVEWAY LOCATION PER C.O.K. STD. E.01.



**CALL BEFORE YOU DIG**  
Call: TOLL FREE  
1-800-424-5555

BEFORE CONSTRUCTION BEGINS DEVELOPER MUST CALL TO SCHEDULE A PRE-CONSTRUCTION MEETING CITY OF KIRKLAND - ENGINEERING DEPT.

BRIAN THORPE  
FRONTAGE  
IMPROVEMENTS PLAN  
6902 125TH AVE NE  
KIRKLAND, WASHINGTON



DAVID EVANS  
AND ASSOCIATES, INC.  
415 - 118th Avenue SE  
Bellevue Washington 98005-3518  
Phone: 425.519.6500



REVISIONS: APPD.

REV. PER. CITY COMMENTS 3/4/08

NO.	DATE	BY	DESCRIPTION

DATE: DECEMBER 10, 2007  
DESIGN: PCT  
DRAWN: PCT  
CHECKED: JDT  
REVISION NUMBER:

SCALE: 1"=10'

PROJECT NUMBER:  
ODSX04450445

DRAWING FILE:  
ECIMXODSX04450445.DWG

SHEET NO.  
1  
OF 4