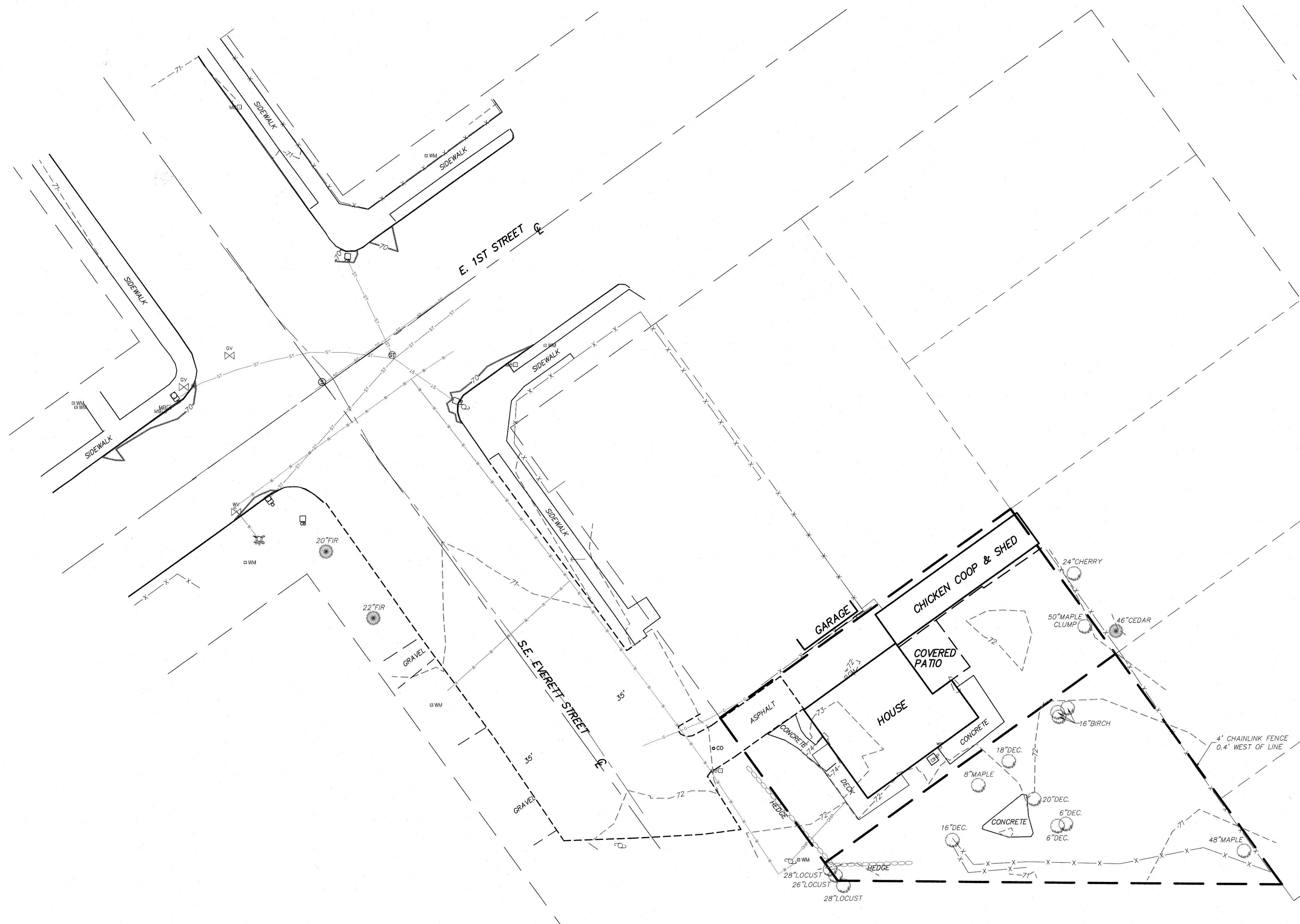


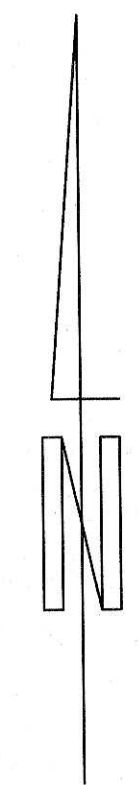
EXISTING CONDITIONS SURVEY
 IN THE HJG MAXON D.L.C.
 IN THE NW 1/4 OF THE SE 1/4 OF SECTION 11 T. 1 N., R. 3 E., W.M.
 CITY OF CAMAS, CLARK COUNTY, WASHINGTON
 JOB NO.: 3169
 DATA COLLECT: SEPTEMBER 2020
 DRAWING DATE: 03-05-2021
 SHEET 1 OF 1



- LEGEND:**
- ⊗ INDICATES WATER STAND PIPE
 - ⊗ WM INDICATES WATER METER
 - ⊗ GM INDICATES GAS METER
 - ⊗ MB INDICATES MAIL BOX
 - ⊗ HP INDICATES HEAT PUMP
 - ⊗ CP INDICATES POWER POLE
 - ⊗ GA INDICATES GUY ANCHOR
 - ⊗ CC INDICATES CLEANOUT
 - ⊗ ET INDICATES EVERGREEN TREE WITH TRUNK DIAMETER AND TYPE
 - ⊗ DT INDICATES DECIDUOUS TREE WITH TRUNK DIAMETER AND TYPE
 - INDICATES BOUNDARY
 - - - INDICATES EDGE OF ASPHALT
 - - - INDICATES EDGE OF CONCRETE
 - - - INDICATES 5 FOOT INTERVAL CONTOUR
 - - - INDICATES 1 FOOT INTERVAL CONTOUR
 - - - INDICATES FENCE LINE
 - - - INDICATES GAS LOCATE
 - - - INDICATES WATER LOCATE
 - - - INDICATES OVER HEAD POWER



16 8 0 16 24 32
 SCALE 1 INCH = 16 FEET

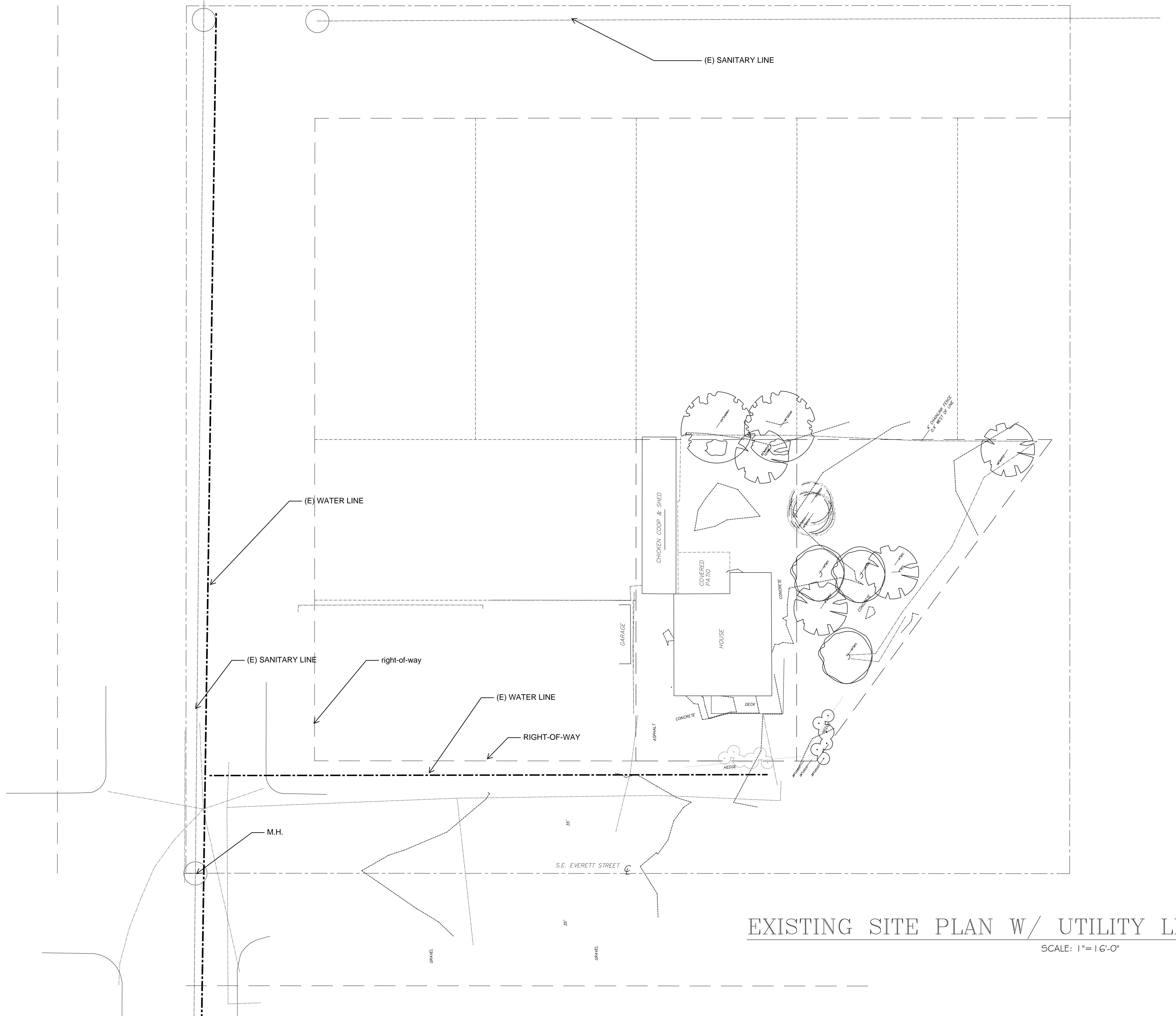


HORIZONTAL DATUM:
 NAD 83 (2011)
 WASHINGTON STATE PLANE COORDINATE SYSTEM,
 SOUTH ZONE, US SURVEY FEET, BASED ON REAL TIME KINEMATIC
 CORRECTIONS FROM THE WASHINGTON STATE REFERENCE NETWORK.

VERTICAL DATUM:
 NAVD 88 BASED ON GPS TIES TO MONUMENTS USING THE WASHINGTON
 STATE REFERENCE NETWORK.
 SITE TBM: POINT 10 (REBAR AND CONTROL CAP)
 ELEVATION = 167.93 NAVD 88

604 W. Evergreen Blvd., Vancouver, WA 98660 | PH (360) 944-6519

PLS	ENGINEERING
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EXISTING SITE PLAN W/ UTILITY LINES
 SCALE: 1"=16'-0"

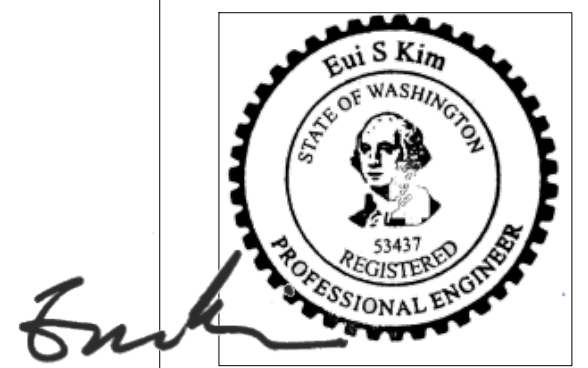
E KIM ENG & DESIGN
 CIVIL & STRUCTURE DESIGN

37325 8th Ave S
 FEDERAL WAY, WA 98003
 PHONE: (818) 321-4243

REVISIONS

PROJECT TITLE :
MULTI FAMILY RESIDENCE
 Mr. Cory Vom Baur
 124 SE EVERETT ST
 CAMAS, WA 98607

SCALE : AS INDICATED
 DATE : OCTOBER 25, 2020
 JOB NO : 230-20



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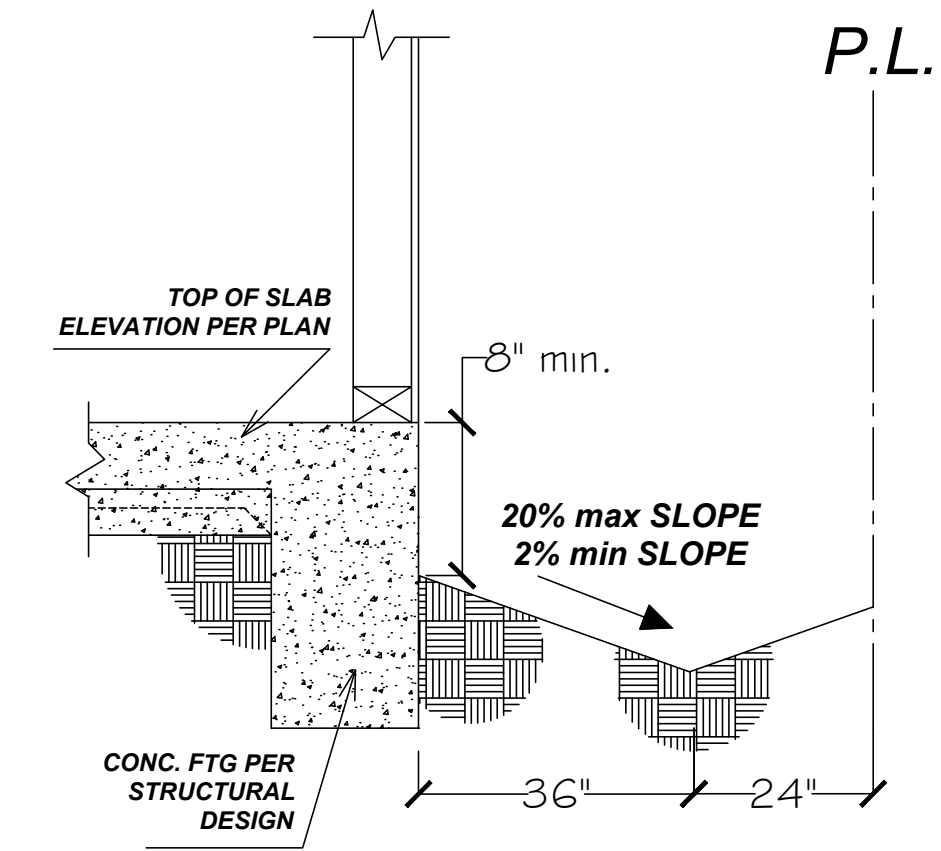
SHEET NO.

C-00

PROJECT NAME: ALTERATION LEVEL3-NEW 3-STORY SFD E
PROJECT ADDRESS: 124 SE EVERETT ST, CAMAS, WA 98607

DRAINAGE NOTES

1. REPLACE EXISTING DRAINAGE TOWARD RETAINING WALL.
2. PROVIDE NEW MIN. SLOPE 2%.



GRADING NOTES

1. EXCAVATION BELOW EXISTING FINISH GRADE ARE FOR FOOTING FOR THE CONSTRUCTION OF A BUILDING ONLY AND WILL BE AUTHORIZED BY A BUILDING PERMIT.
2. ANY CUT OR FILL SHALL NOT EXCEED 50 CUBIC YARDS OF MATERIAL NOR EXCEED ONE FOOT IN DEPTH OR HEIGHT.
3. IF MORE THAN 50 CUBIC YARDS OF CUT AND FILL IS BEING MOVED ON THE PROJECT SITE A GRADING PERMIT SHALL BE REQUIRED FROM THE PUBLIC WORKS DEPARTMENT.
4. IF CUT/FILL IS LESS THAN 50 CUBIC YARDS: EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AND MAINTAINED TO MINIMIZE AND/OR PREVENT THE TRANSPORT OF SOIL FROM THE CONSTRUCTION SITE. APPROPRIATE BMPs FOR CONSTRUCTION RELATED MATERIALS, WASTES, SPILLS, OR RESIDUES SHALL BE IMPLEMENTED TO ELIMINATE OR REDUCE TRANSPORT FROM THE SITE TO THE STREETS, DRAINAGE FACILITIES, OR ADJOINING PROPERTIES BY WIND OR RUNOFF.
5. LOTS SHALL BE GRADED TO DRAIN SURFACE WATER AWAY FROM THE FOUNDATION WALLS. THE GRADE SHOULD FALL A MIN. OF 6" WITHIN THE FIRST 10 FT (5%) WHERE LOT LINES, WALLS, SLOPES OR OTHER PHYSICAL BARRIER PROHIBIT 6" OF FALL WITHIN 10 FT, DRAINS OR SWALES SHALL BE CONSTRUCTED TO ENSURE DRAINAGE AWAY FROM THE STRUCTURE (CRC R401.3).
6. IMPERVIOUS SURFACES WITHIN 10 FT OF THE BUILDING FOUNDATION SHALL BE SLOPED A MIN. OF 2% AWAY FROM THE BUILDING (CRC R401.3 EXCEPTION).
7. WE, THE DESIGNER, ENGINEER, CONTRACTOR AND PROPERTY OWNER(S) OF A PROJECT HEREIN THE ATTACHED SET OF DRAWINGS, UNDERSTAND THAT SAID INFORMATION WILL BE A BASIS FOR SUBSEQUENT CITY ACTION ON THE PROJECT PROPOSED AND DESCRIBED HEREON.

EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO INSTALL ALL EROSION CONTROL FACILITIES AS SHOWN ON THE APPROVED EROSION CONTROL PLAN OR AS DIRECTED BY THE CITY ENGINEER AT THE END OF EACH WORKING DAY.
 - A. WHENEVER THE 5-DAY RAIN PROBABILITY EXCEEDS 40% BETWEEN THE DATES OF OCTOBER 15 AND APRIL (RAIN SEASON).
 - B. WHENEVER THE DAILY RAIN PROBABILITY EXCEEDS 50% THE REMAINDER OF THE YEAR AND APRIL 15 (RAINY SEASON).
2. THE CONTACT PERSON RESPONSIBLE FOR EROSION CONTROL IS THE OWNER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AN EMERGENCY WORK CREW AT ALL TIMES DURING THE RAINY SEASON THE CONTRACTOR SHALL STOCKPILE THE NECESSARY EROSION CONTROL MATERIALS ON SITE TO FACILITATE RAPID INSTALLATION OF EROSION CONTROL FACILITIES.
4. THE CONTRACTOR SHALL CONSTRUCT DESILTING FACILITIES AS NECESSARY FOR THE DURATION OF THE PROJECT.
5. THE CONTRACTOR SHALL TAKE MEASURE TO PREVENT RUNOFF OVER THE TOP OF THE SLOPES.
6. AFTER RAIN STORM:
 - A. THE CONTRACTOR SHALL REMOVE ALL SILT, STANDING WATER, AND DEBRIS FROM EROSION CONTROL FACILITIES.
 - B. THE CONTRACTOR SHALL BE RESPONSIBLE TO PREVENT PUBLIC ACCESS INTO AREAS WHERE STANDING WATER POSES A POTENTIAL HAZARD.
7. IN HIGH WIND AREAS THE CONTRACTOR SHALL WATER SPRAY GRADED AREAS ON A DAILY BASIS TO CONTROL DUST OR WINDY PERIODS, WHEN NECESSARY, THE CONTRACTOR SHALL TAKE MEASURES TO CONTROL DUST OR WIND BLOWN DEBRIS BY INSTALLING DEBRIS FENCES, ADDITIONAL TRASH ENCLOSURES, CHEMICAL LAND TREATMENT, GEOMATS, ETC. THE CONTRACTOR SHALL IMPLEMENT LONG TERM WIND EROSION CONTROL MEASURES FOR ANY AREA THAT IS NOT IMPROVED IN A MANNER FOLLOWING GRADING LONG TERM WIND EROSION CONTROL MEASURES INCLUDE BUT NOT LIMITED TO: PERIMETER WALLS, WIND BARRIERS, SOIL DUST PALLIATIVES, SOIL MATS, HYDROSEEDING AND IRRIGATION SYSTEM.
8. THE CITY ENGINEER RESERVES THE RIGHT TO REQUIRE ALTERNATIVE OR ADDITIONAL EROSION CONTROL FACILITIES AS HE DEEMS NECESSARY.
9. PROVIDE PORTABLE TOILET AND HAND WASH STATION PER OSHA REGULATIONS OR PROVIDE ACCESS FOR CONSTRUCTION WORKERS TO RESTROOM INSIDE THE HOUSE.
10. THE DISCHARGE OF POLLUTANTS TO ANY STORM DRAINAGE IS PROHIBITED. NO SOLID WASTE, PETROLEUM BYPRODUCTS, SOIL PARTICULATE, CONSTRUCTION WASTE MATERIALS, OR WASTEWATER GENERATED ON CONSTRUCTION SITE OR CONSTRUCTION ACTIVITIES SHALL BE PLACED, CONVEYED OR DISCHARGED INTO THE STREET, GUTTER OR STORM DRAIN SYSTEM.

E KIM ENG. & DESIGN
 CIVIL & STRUCTURE DESIGN

37325 8th Ave S
 FEDERAL WAY, WA 98003
 PHONE: (818) 321-4243

REVISIONS



PROJECT TITLE :
 MULTI FAMILY RESIDENCE
 Mr. Cory Vom Baur
 124 SE EVERETT ST
 CAMAS, WA 98607

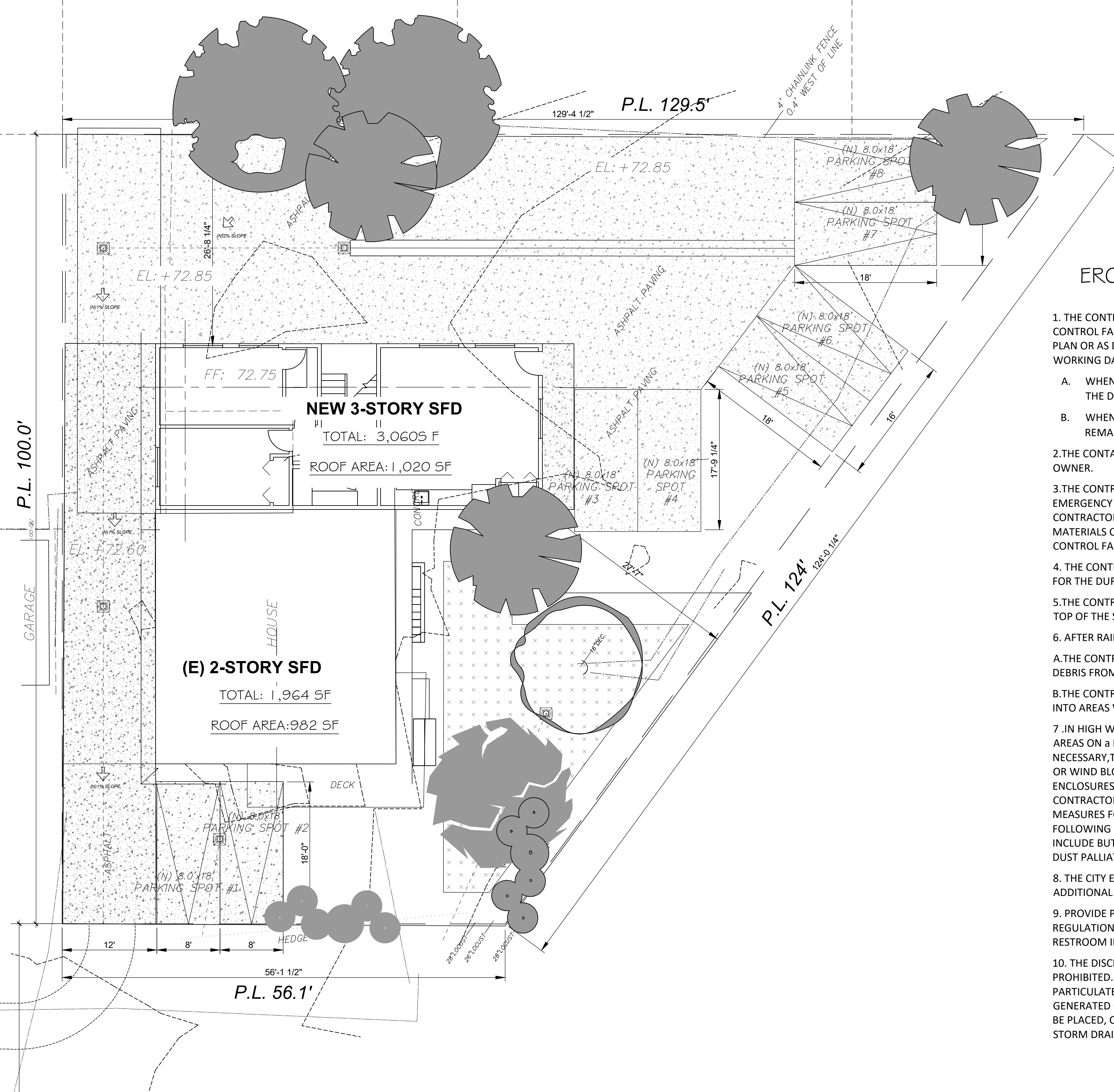
SCALE : AS INDICATED
 DATE : OCTOBER 25, 2020
 JOB NO : 230-20



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SHEET NO.

C-01



SITE & GRADING PLAN

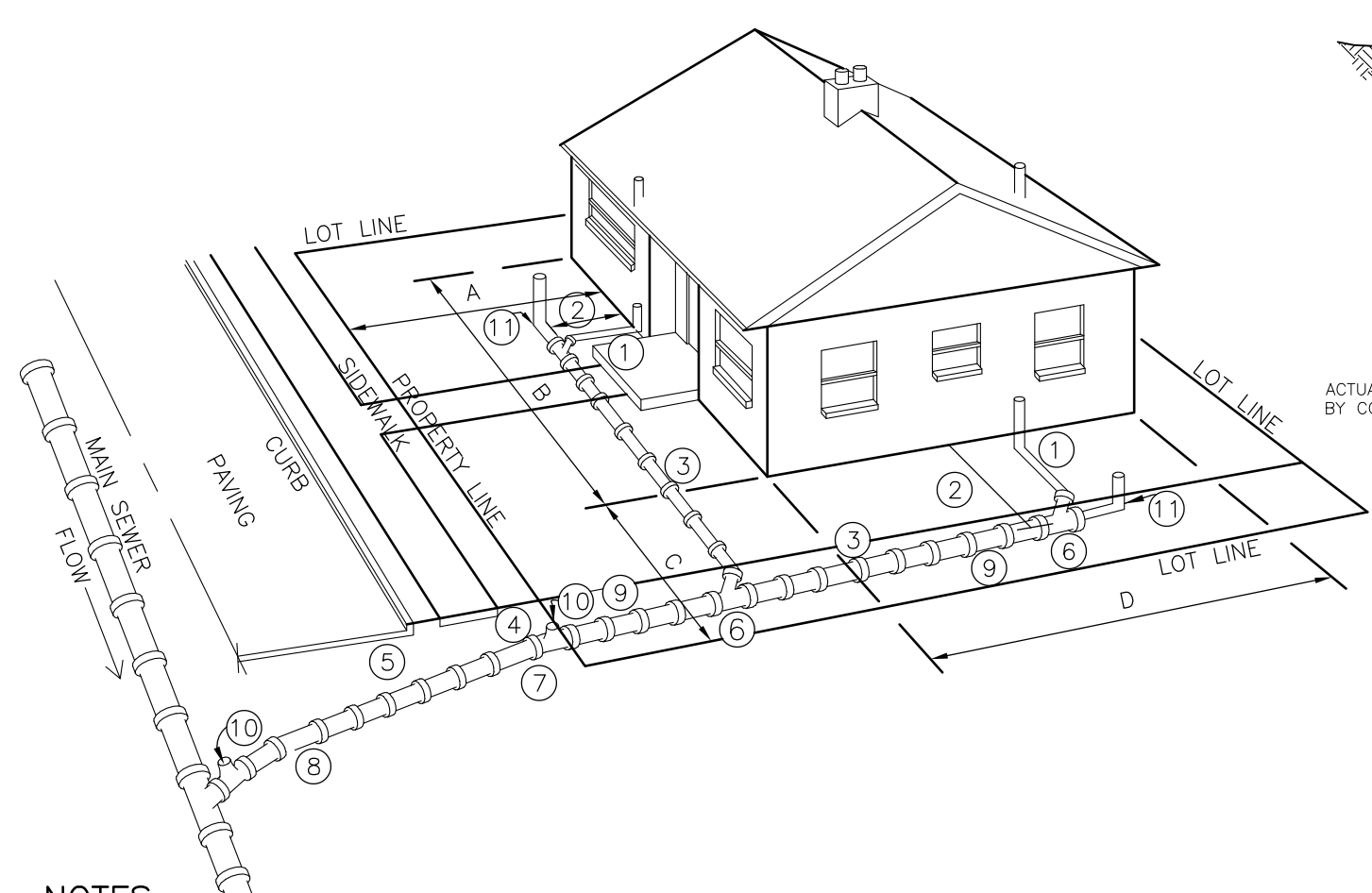
SCALE: 1/8" = 1'-0"

**TREE CALCULATION : 0.21 AC X 20 TREES =
 4.2 TREES, 5 TREES**

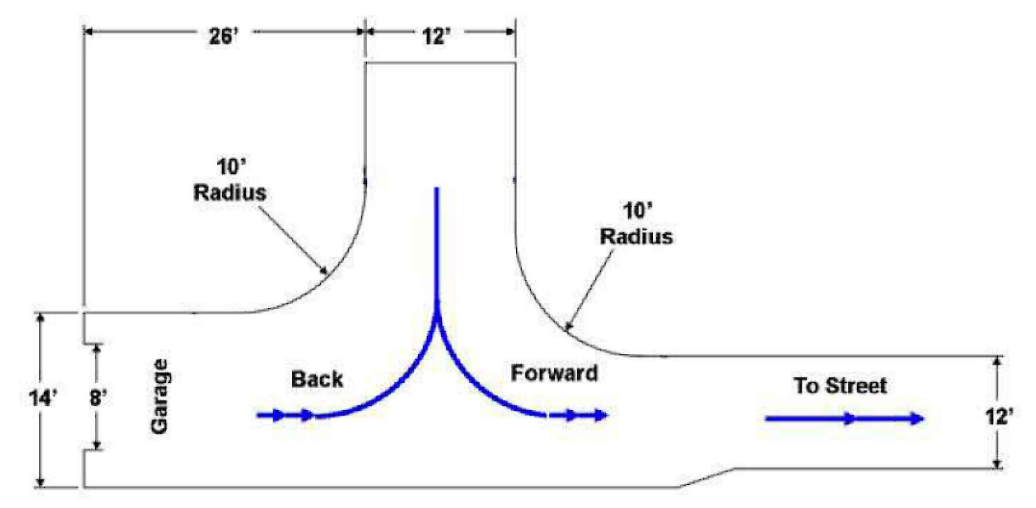
PROJECT INFORMATION

PROJECT: NEW HOUSE ADDITION AND GRADING
PROJECT LOCATION: 124 SE EVERETT ST, CAMAS WA
PIN #: 89-235-000
COUNTY: CLARK COUNTY
LEGAL DESCRIPTION:
OWNER: VOM BAUR CORY J # VOM BAUR KENDALE E
DESIGNER & CIVIL ENGINEER: EUI S KIM, PE
 ekim1234@gmail.com

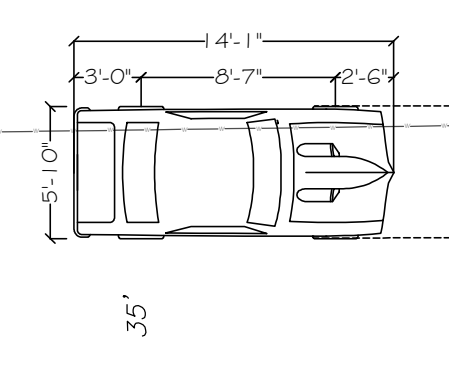
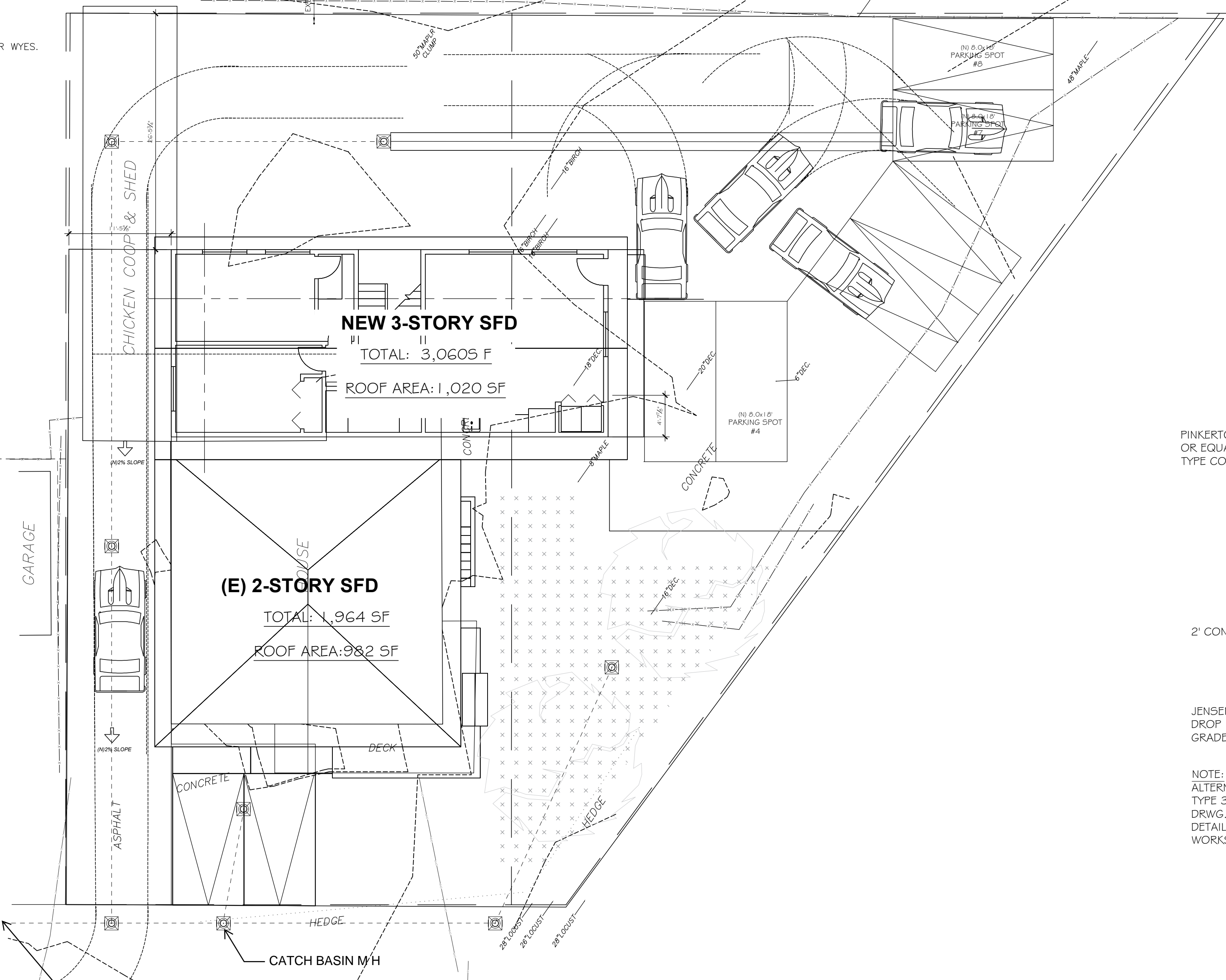
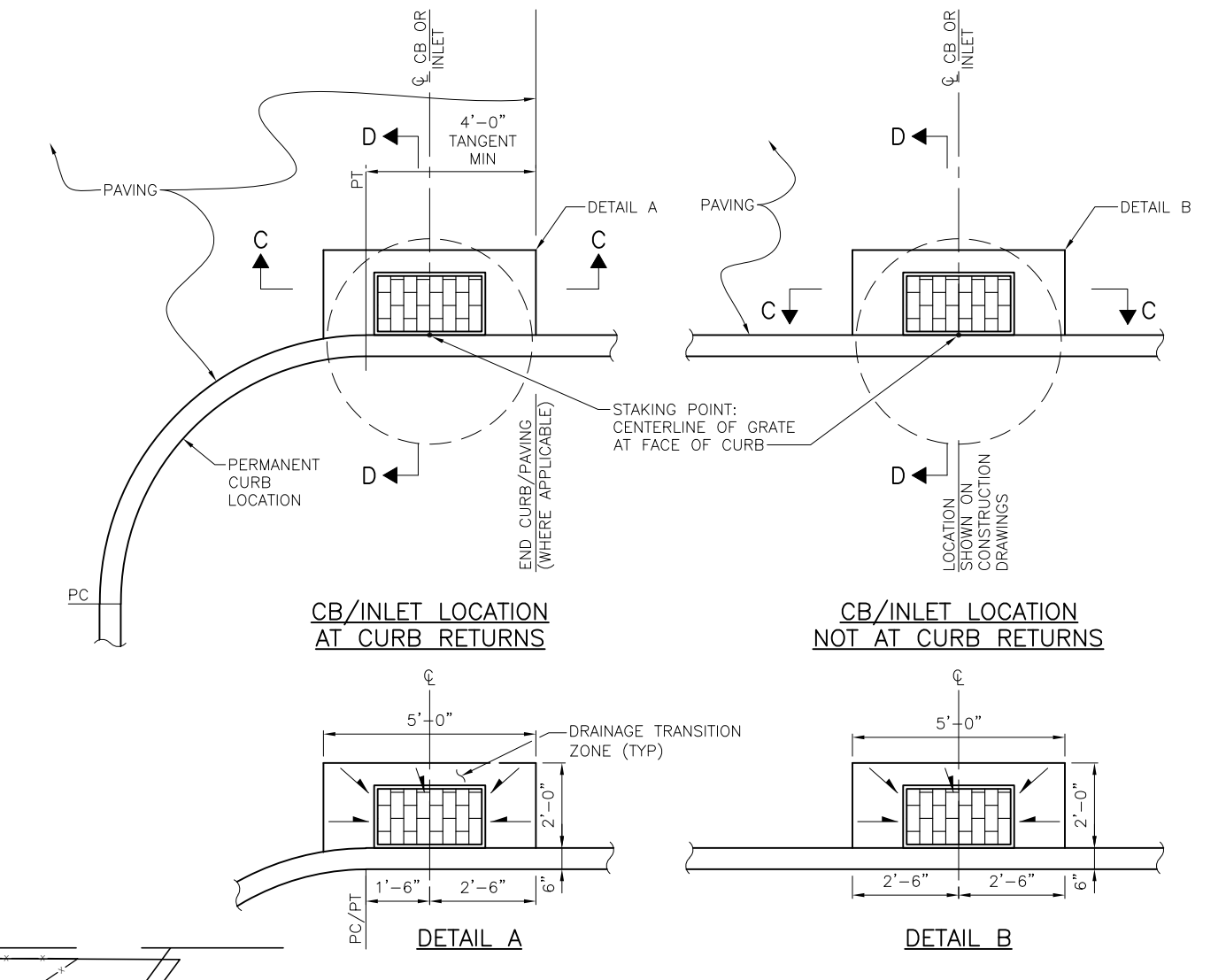
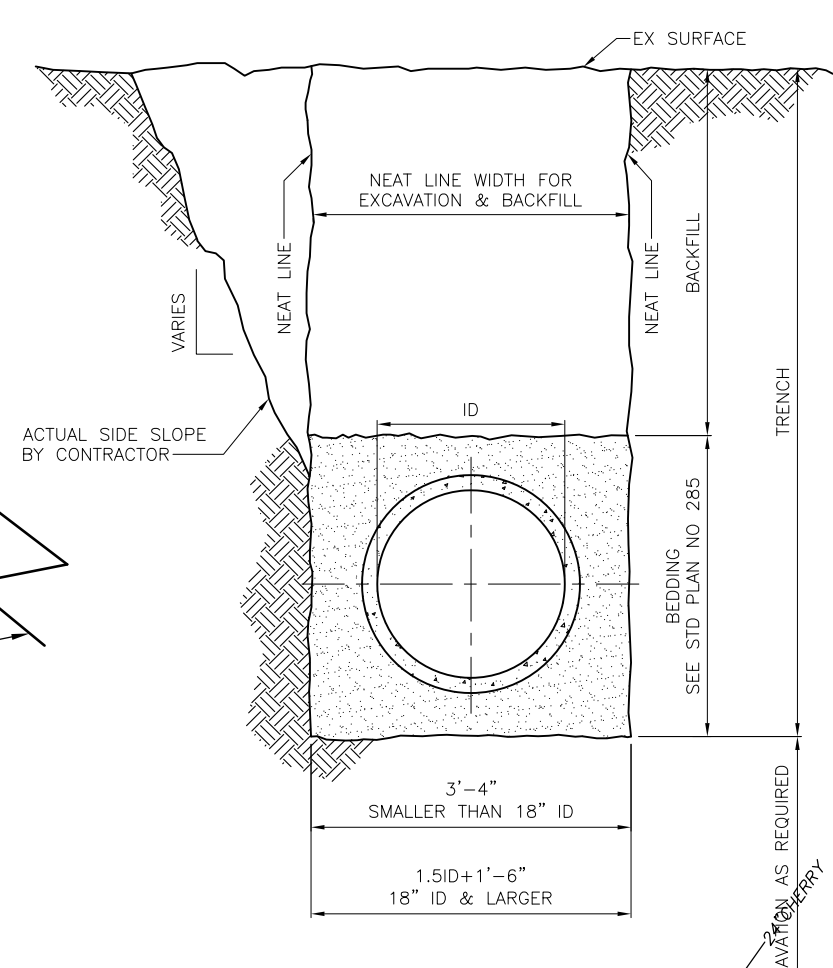
S.E. EVERETT STREET



- NOTES:**
1. ALL SANITARY PLUMBING OUTLETS MUST BE CONNECTED TO THE SANITARY SEWER OR COMBINED SEWER.
 2. 2'-6" MIN DISTANCE FROM HOUSE, EXCEPT FOR SOIL PIPE CONNECTION.
 3. 1'-6" MIN COVER OF PIPE.
 4. 2'-6" MIN COVER AT PROPERTY LINE.
 5. 5'-0" MIN COVER AT CURB LINE.
 6. LAY PIPE IN STRAIGHT LINE BETWEEN BENDS. MAKE ALL CHANGES IN GRADE OR LINE WITH BENDS OR WYES.
 7. STANDARD 4" TO 6" INCREASER.
 8. 6" SEWER PIPE: MIN SIZE IN STREET, AND ELSEWHERE AS DIRECTED. 2% MIN GRADE, 100% MAX.
 9. 4" SEWER PIPE: MIN SIZE ON PROPERTY. 2% MIN GRADE, 100% (45') MAX.
 10. TEST "T" WITH PLUG.
 11. CLEANOUT AT UPSTREAM END OF SIDE SEWER.
- A. CONSTRUCTION IN STREET MUST BE DONE BY A REGISTERED SIDE SEWER CONTRACTOR.
 B. ALL CONSTRUCTION MUST BE IN ACCORDANCE WITH THE CURRENT SIDE SEWER ORDINANCE.

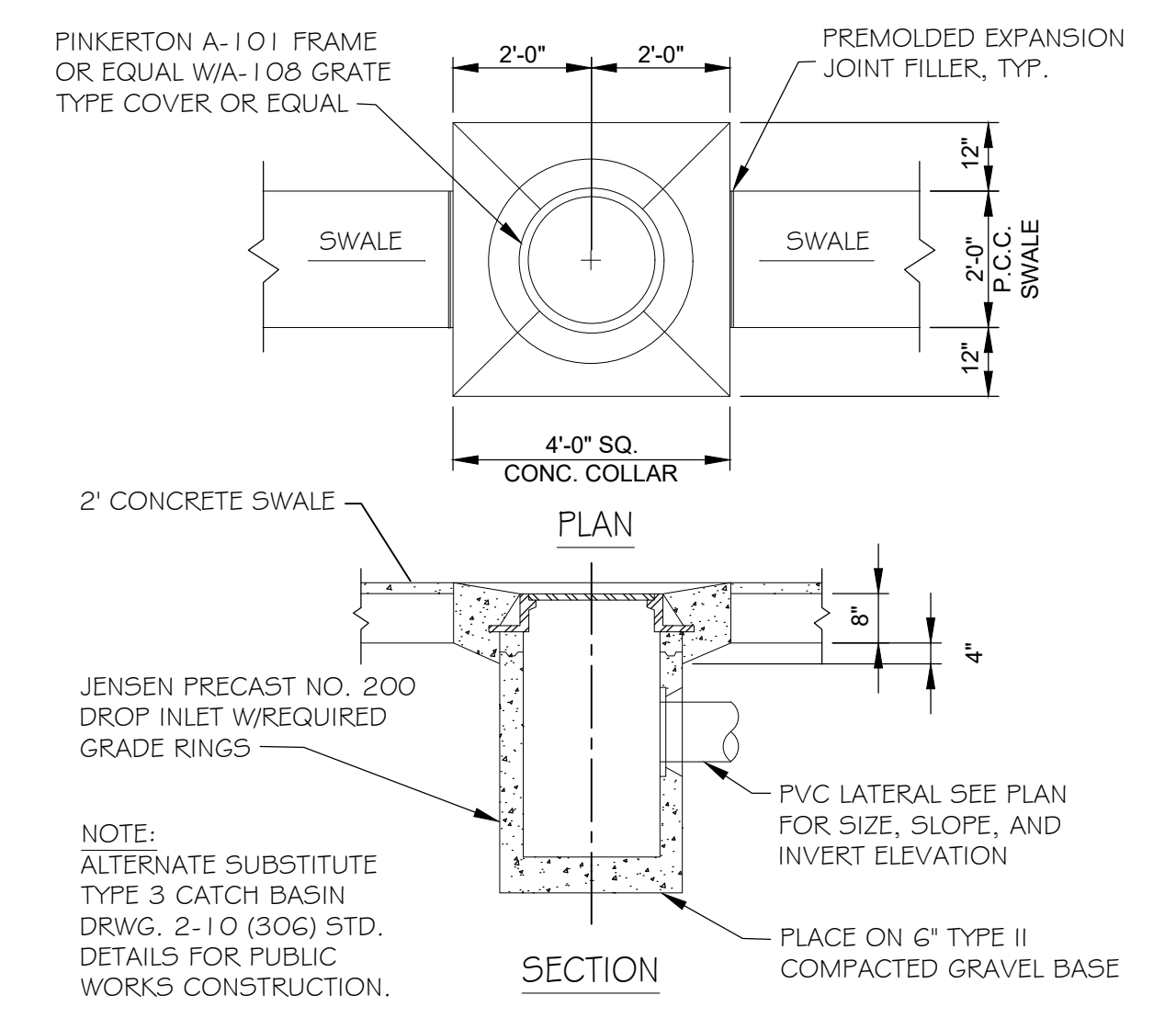


TYPICAL TRENCH DETAIL FOR SEWER & STORM DRAIN



STORM DRAIN & TRAFFIC ROUTE ANALYSIS

SCALE: 1/8" = 1'-0"



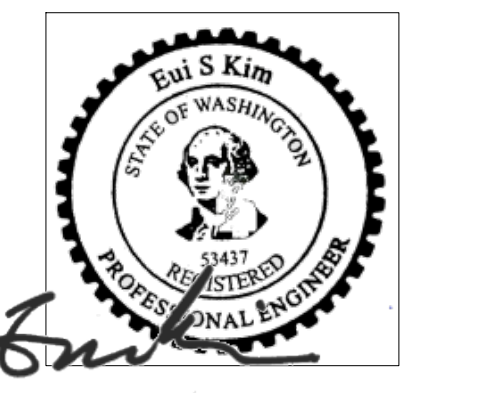
DROP INLET & CATCH BASIN

E KIM ENG & DESIGN
 CIVIL & STRUCTURE DESIGN
 37325 8th Ave S
 FEDERAL WAY, WA 98003
 PHONE: (818) 321-4243

REVISIONS

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