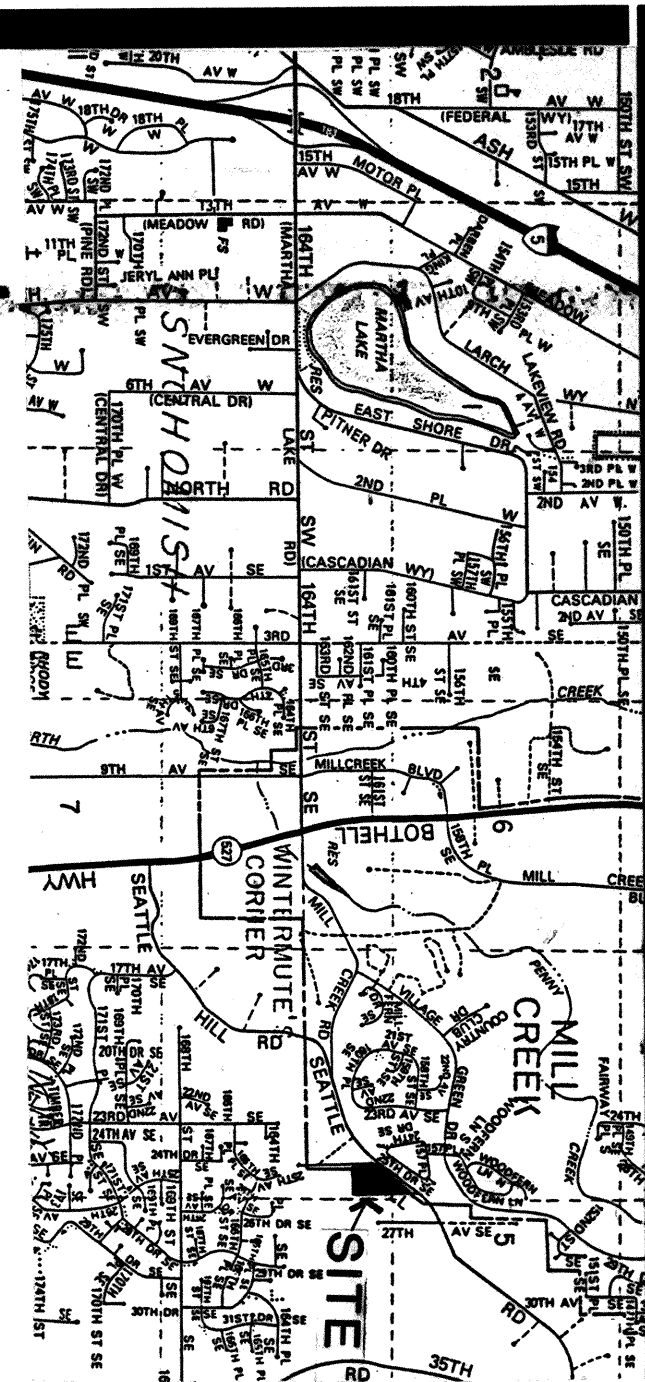
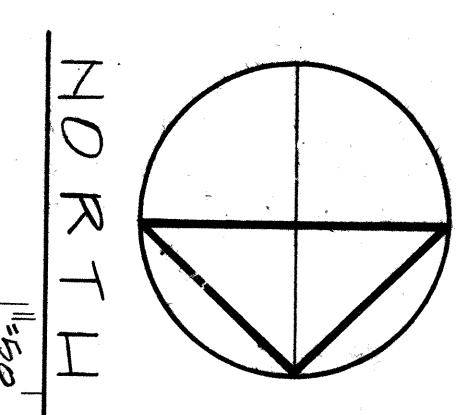




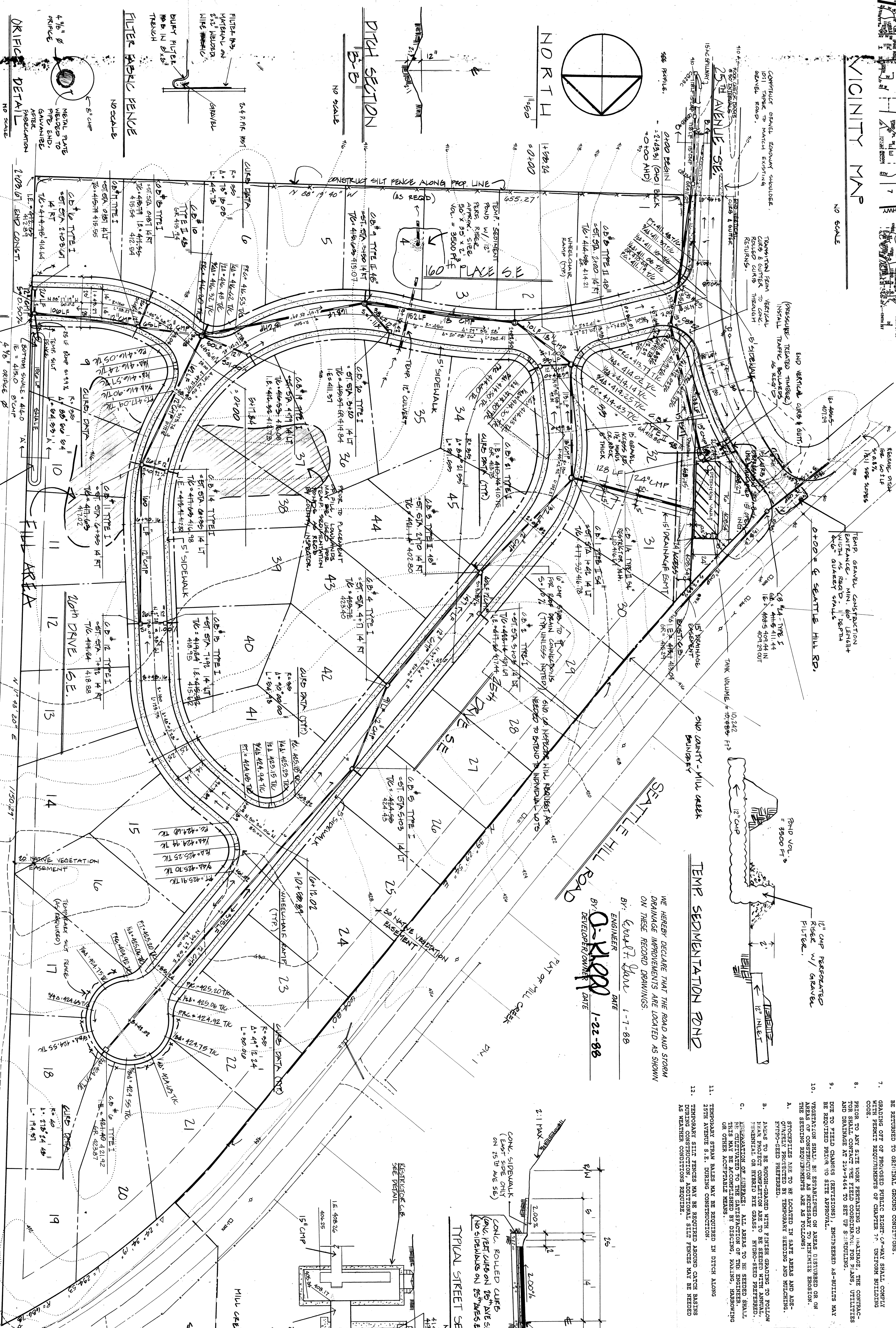
VICINITY MAP
NO SCALE

COUNTRYWOOD HOMES, INC.
14410 BEL-RED RD., BELLEVUE, WA 98007
981.1192

APPROVED FOR CONSTRUCTION
SNOHOMISH COUNTY DATE 4-14-86
PUBLIC WORKS



NORTH
11°30'

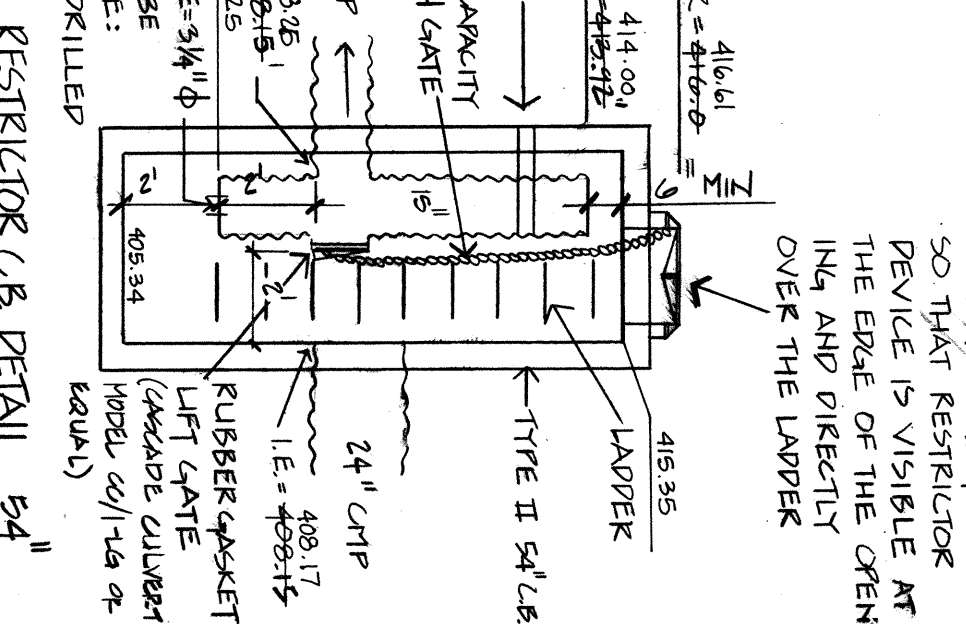
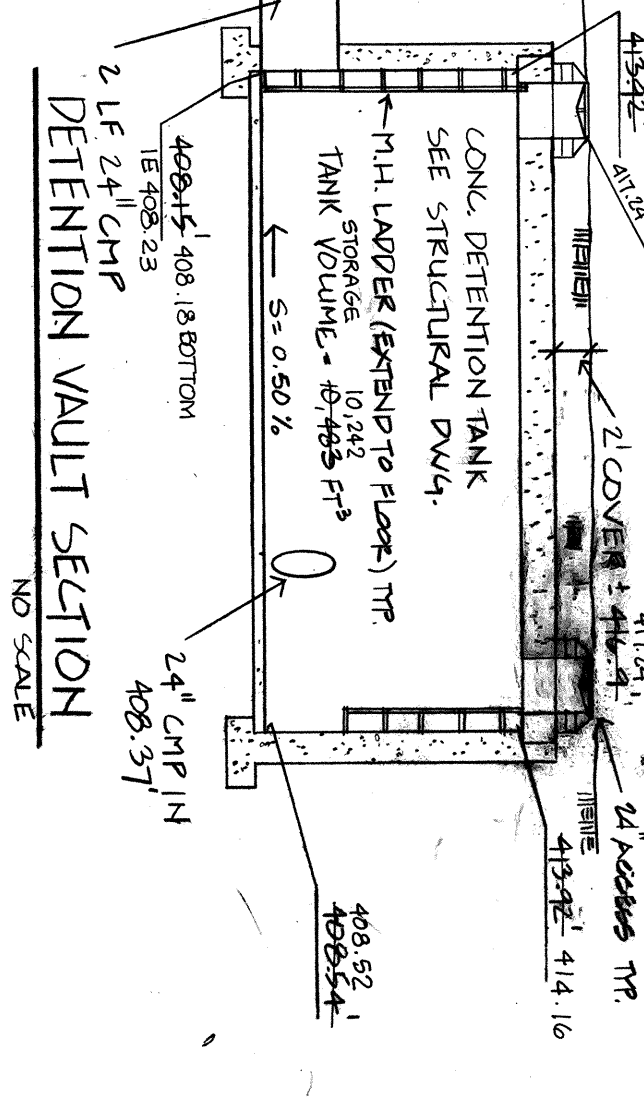


TEMP. SEDIMENTATION POND

WE HEREBY DECLARE THAT THE ROAD AND STORM DRAINAGE IMPROVEMENTS ARE LOCATED AS SHOWN ON THESE RECORD DRAWINGS.
BY: D. K. R. R. DATE 1-22-88
ENGINEER
DEVELOPER/OWNER

- NOTES:
1. ALL CONSTRUCTION SHALL BE TO THE STANDARDS AND SPECIFICATIONS OF SNOHOMISH COUNTY, WASHINGTON.
 2. STORM PIPES SHALL BE CORRUGATED STEEL PIPE AS FOLLOWS:
12", 15", 18" AND 24" IS GAGE 1/2" X 1/2" CORRUGATIONS.
30" IS GAGE 3/4" X 3/4" CORRUGATIONS.
36" IS GAGE 1" X 1" CORRUGATIONS.
COORDINATED STEEL PIPE SHALL BE FULLY COATED WITH BITUMINOUS COAT (TREATMENT NO. 1). STEEL PIPE SHALL BE GALVANIZED.
CATCH BASINS SHALL BE ASMA TYPE I OR TYPE II AS SHOWN ON THE PLANS.
 3. WHERE POSSIBLE, MAINTAIN NATURAL VEGETATION FOR SILT CONTROL.
 4. ALL TEMPORARY EROSION CONTROL AREAS SHALL BE MAINTAINED IN A SATISFACTORY CONDITION UNTIL SOIL IS PERMANENTLY STABILIZED. EROSION CONTROL AREAS SHALL BE PERMANENTLY STABILIZED PRIOR TO REMOVAL OF EROSION CONTROL DEVICES.
 5. AFTER CONSTRUCTION, TEMPORARY EROSION CONTROL AREAS SHOULD BE RETURNED TO ORIGINAL GROUND CONDITIONS.
 6. GRADING OFF OF PROPOSED PUBLIC RIGHT-OF-WAY SHALL COMPLY WITH PERMIT REQUIREMENTS OF CHAPTER 17, UNIFORM BUILDING CODE.
 7. PRIOR TO ANY SITE WORK PERTAINING TO MAINTENANCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND RIGHTS OF WAY FROM THE APPROPRIATE AGENCIES.
 8. THE EROSION CONTROL AREAS SHALL BE MAINTAINED AS SHOWN ON THE PLANS.
 9. THE EROSION CONTROL AREAS SHALL BE MAINTAINED AS SHOWN ON THE PLANS.
 10. THE EROSION CONTROL AREAS SHALL BE MAINTAINED AS SHOWN ON THE PLANS.
 11. TEMPORARY STORM PIPES MAY BE REQUIRED IN DITCH ALONG 32ND AVENUE S.E. DURING CONSTRUCTION.
 12. TEMPORARY SILE FENCES MAY BE REQUIRED AROUND CATCH BASINS DURING CONSTRUCTION. ADDITIONAL SILE FENCES MAY BE NEEDED AS WEATHER CONDITIONS REQUIRE.
 13. ALL PIPE SHALL BE PLACED ON STABLE EXIST. OR IF IN THE OPINION OF THE COUNTY ENGINEER, THE EXISTING FOUNDATION SHALL BE REINFORCED TO ADEQUATELY SUPPORT THE PROPOSED PIPE. THE PIPE SHALL BE BACKFILLED TO GRADE WITH SAND-GRAVEL, CRUSHED STONE OR OTHER SUITABLE MATERIALS OR ROCK. INSTALL PIPE ON SOFT, FROZEN EARTH OR FROZEN MATERIALS OR ROCK.
 14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UTILITIES AND STRUCTURES.
 15. ALL EXISTING UTILITIES SHALL BE DEEPER THAN 5.0 FEET TO THE FLOWLINE.
 16. ALL CATCH BASINS SHALL BE DEEPER THAN 5.0 FEET TO THE FLOWLINE.
 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL EXISTING UTILITIES AND STRUCTURES TO ACCOMMODATE THE PROPOSED IMPROVEMENTS.
 18. ALL CATCH BASINS SHALL BE DEEPER THAN 5.0 FEET TO THE FLOWLINE.
 19. ALL CATCH BASINS SHALL BE DEEPER THAN 5.0 FEET TO THE FLOWLINE.
 20. ALL CATCH BASINS SHALL BE DEEPER THAN 5.0 FEET TO THE FLOWLINE.
 21. ALL CATCH BASINS SHALL BE DEEPER THAN 5.0 FEET TO THE FLOWLINE.
 22. ALL CATCH BASINS SHALL BE DEEPER THAN 5.0 FEET TO THE FLOWLINE.
 23. STANDARD LINDER STEPS SHALL BE PROVIDED IN ALL CATCH BASINS.
 24. CATCH BASIN FRAMES AND GRATES SHALL BE OF HEAVY DUTY GALVANIZED STEEL OR 304L STAINLESS STEEL.
 25. ALL CATCH BASIN FRAMES SHALL BE PROVIDED IN ALL CATCH BASINS.
 26. BACKFILL TRENCH OF CATCH BASIN IN LITS OF 6" - 8" AND DEEPER SHALL BE BACKFILLED WITH SAND-GRAVEL, CRUSHED STONE AND 10% PORTLAND CEMENT CONCRETE.
 27. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE SNOHOMISH COUNTY ENGINEER. THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE SNOHOMISH COUNTY ENGINEER. THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE SNOHOMISH COUNTY ENGINEER.

TYPICAL STREET SECTION
NO SCALE

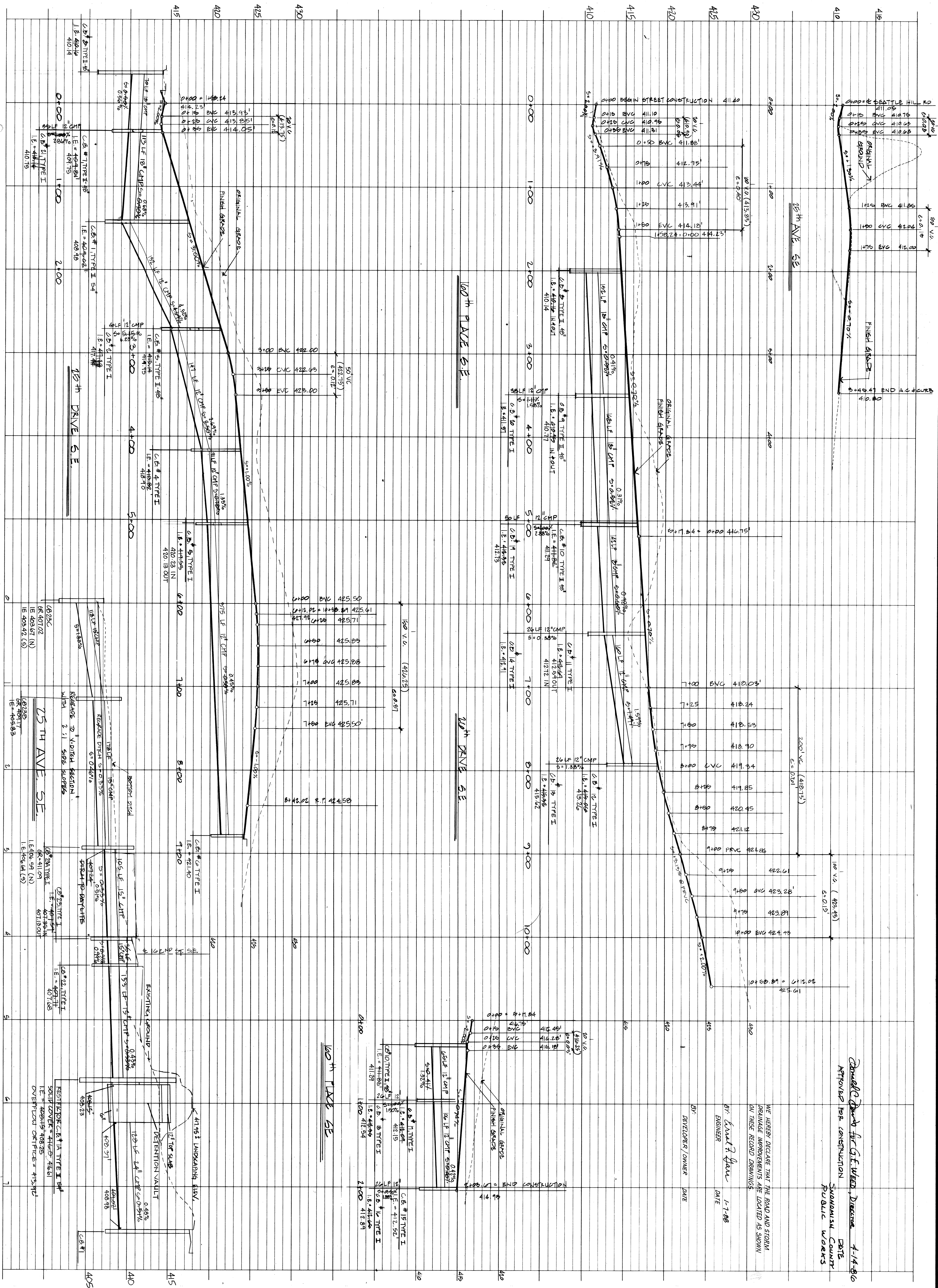


NOTE: ALL STEEL PARTS & SURFACES MUST BE GALVANIZED & COATED WITH ANTI-RUST TREATMENT NO. 1 OR BETTER.

NO.	DATE	DESCRIPTION
1	12-21-87	AS BUILT STORM
2	4-11-86	PER COUNTY
3	3-21-86	REV.
4	2-11-86	REV.
5	3-10-86	PER COUNTY

DAVID EVANS AND ASSOCIATES, INC.
301-10TH AVE. S.E. BELLEVUE, WA 98004 206/455-3571

MILL CREEK ESTATES COUNTRYWOOD HOMES, INC.
SNOHOMISH COUNTY, WASHINGTON
STREET AND STORM DRAINAGE PLAN



Approved for Construction
Snohomish County
Public Works
DATE 4-14-86

WE HEREBY DECLARE THAT THE ROAD AND STORM DRAINAGE IMPROVEMENTS ARE LOCATED AS SHOWN ON THESE RECORD DRAWINGS.

BY: David Evans
ENGINEER
DATE 1-7-88

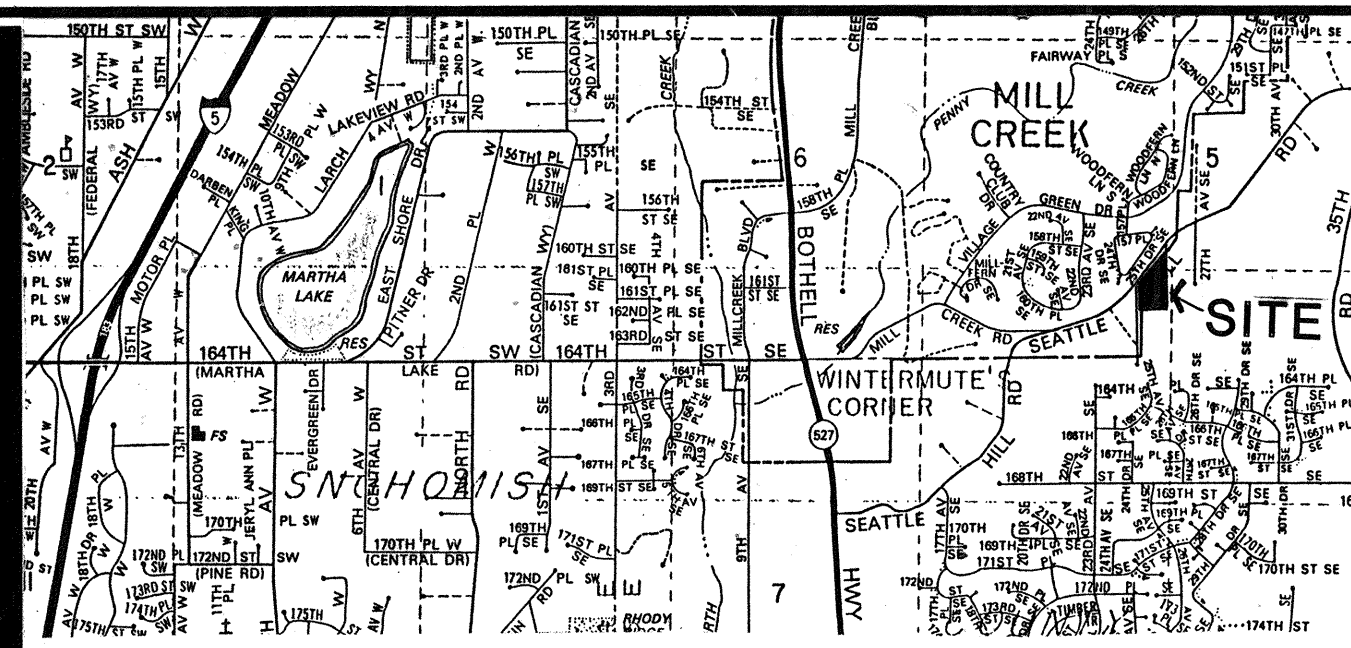
BY: DEVELOPER/OWNER
DATE

MILL CREEK ESTATES
COUNTRYWOOD HOMES, INC.
SNOHOMISH COUNTY, WASHINGTON

STREET AND
STORM DRAINAGE
PROFILES

David Evans and Associates, Inc.
301-10TH AVE. S.E. BELLEVUE, WA. 98004-2004/486-3571

2 OF 2 SHEETS
AS BUILT STORM 12.21.87
REV 3-10-86 PER COUNTY
REV 3-10-86 PER COUNTY
CHECKED BY: [Signature]
DATE NOV 1985
FILE ENW 010



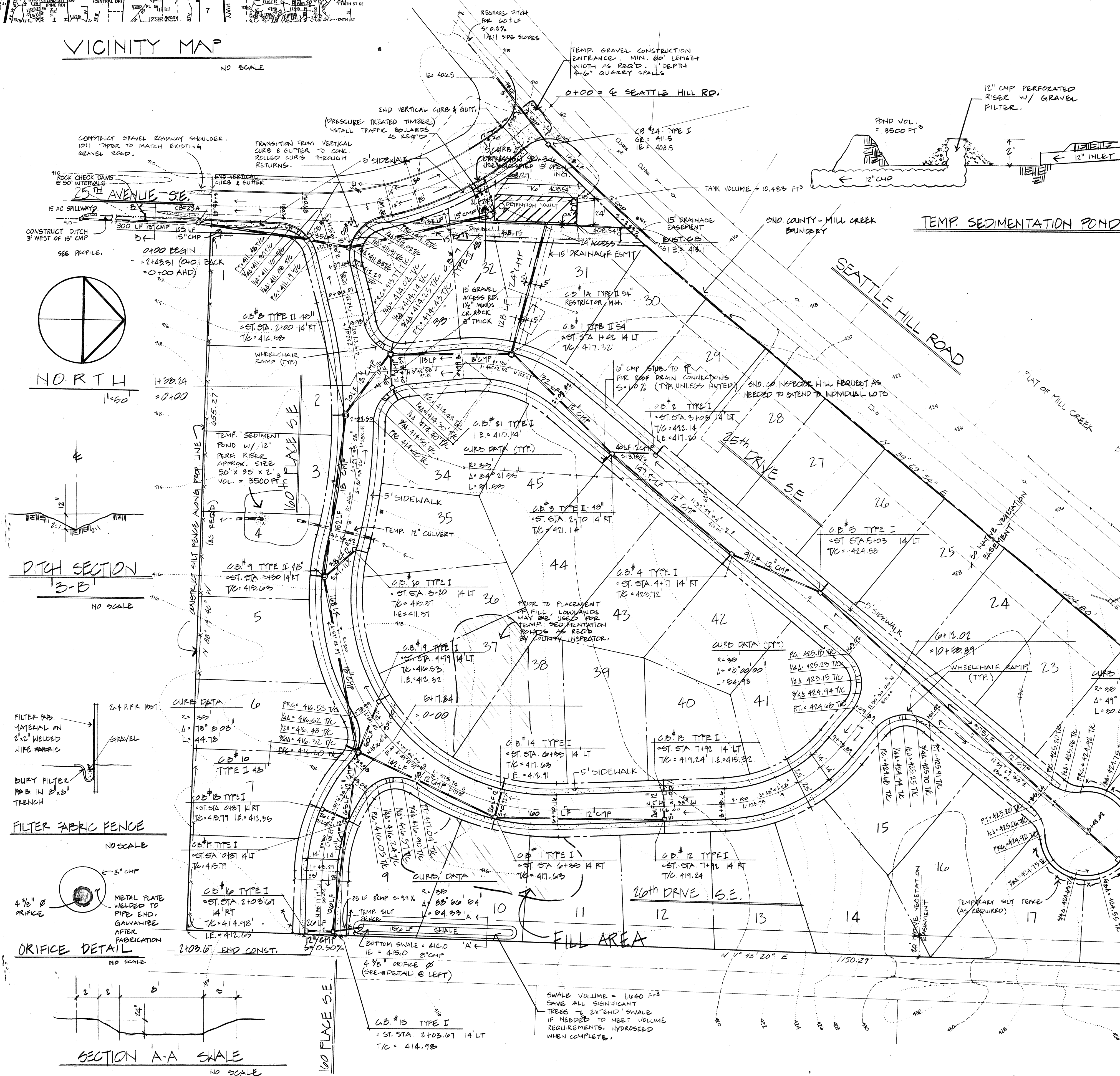
VICINITY MAP

NO SCALE



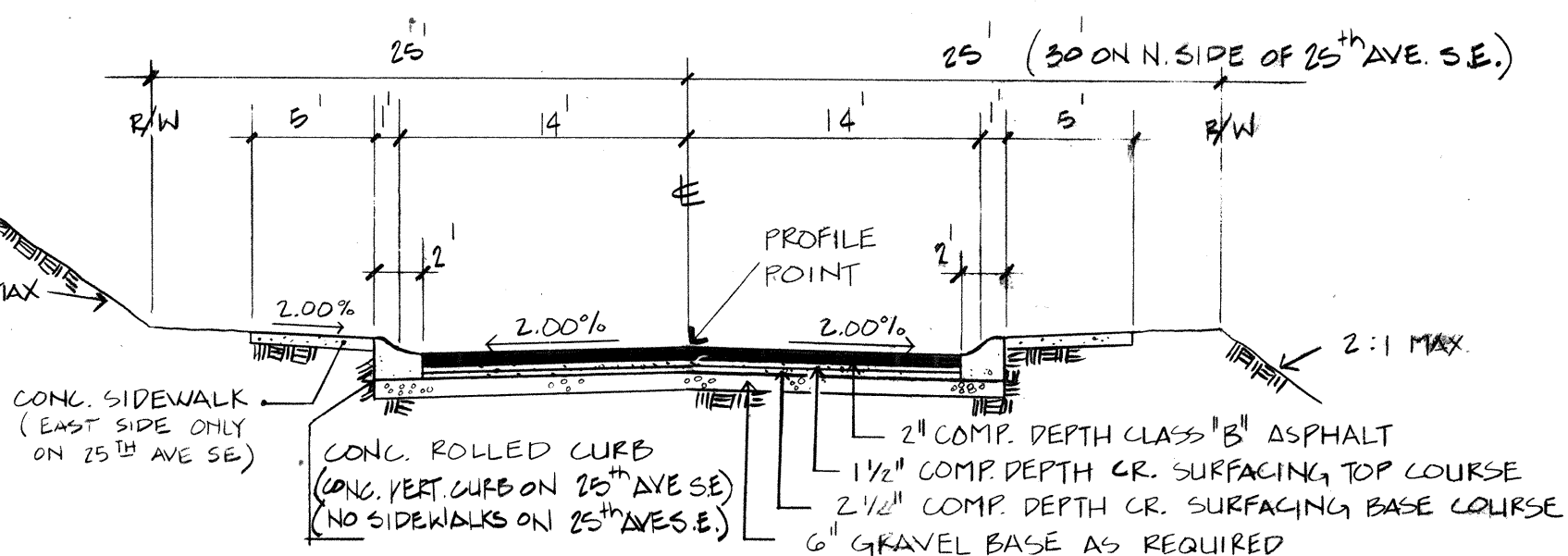
COUNTRYWOOD HOMES INC.
2000 NORTHUP WAY
BELLEVUE, WA 98004
807.9192

Donald C. Davis for GE WEED, DIRECTOR 4-14-86
APPROVED FOR CONSTRUCTION SNOHOMISH COUNTY DATE
PUBLIC WORKS



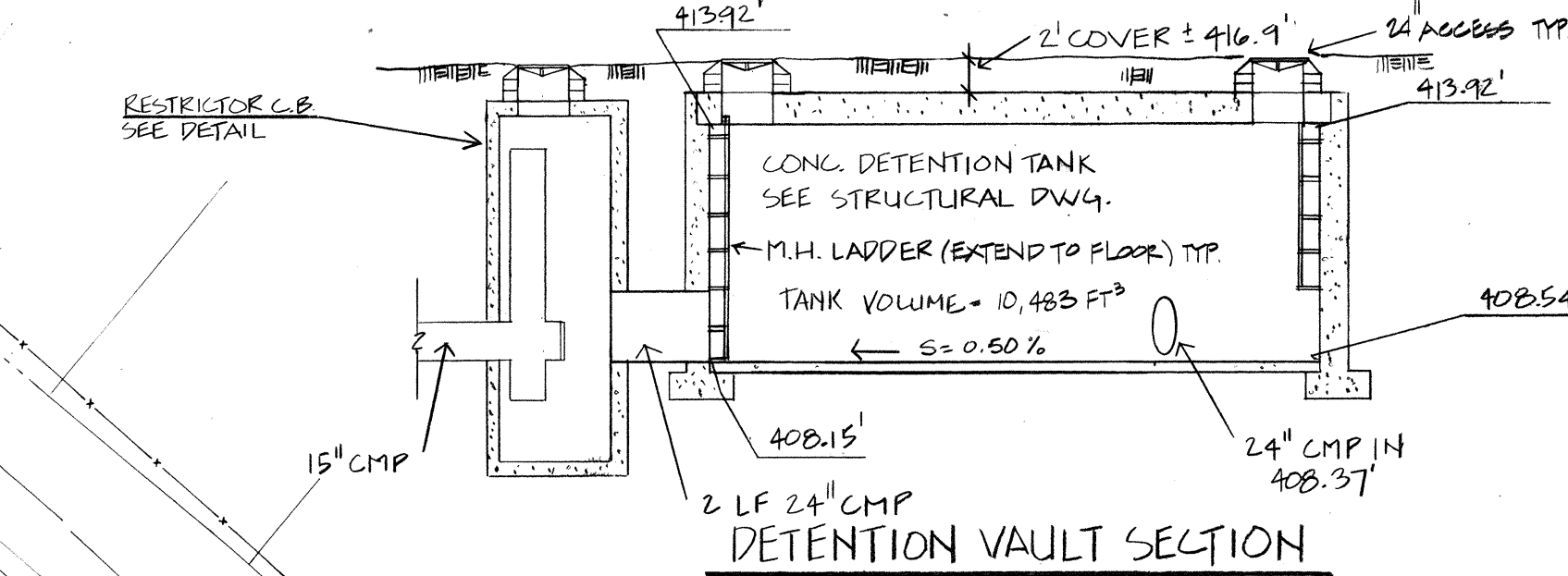
NOTES:

- ALL CONSTRUCTION SHALL BE TO THE STANDARDS AND SPECIFICATIONS OF SNOHOMISH COUNTY, WASHINGTON.
- STORM PIPE SHALL BE CORRUGATED STEEL PIPE AS FOLLOWS:
12", 15", 18" AND 24" 16 GAUGE W/2 3/4" X 1/2" CORRUGATIONS.
36" 14 GAUGE W/2 2 3/4" X 1/2" CORRUGATIONS.
CORRUGATED STEEL PIPE SHALL BE FULLY COATED WITH BITUMINOUS COAT (TREATMENT NO. 1). STEEL PIPE SHALL BE GALVANIZED.
- CATCH BASINS SHALL BE AFWA TYPE I OF TYPE II AS SHOWN ON THE PLANS.
- WHERE POSSIBLE, MAINTAIN NATURAL VEGETATION FOR SILT CONTROL.
- ALL TEMPORARY EROSION CONTROL AREAS SHALL BE MAINTAINED IN A SATISFACTORY CONDITION UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED AND PERMANENT DRAINAGE FACILITIES ARE OPERATIONAL.
- AFTER CONSTRUCTION, TEMPORARY EROSION CONTROL AREAS SHOULD BE RETURNED TO ORIGINAL GROUND CONDITIONS.
- GRADING OFF OF PROPOSED PUBLIC RIGHT-OF-WAY SHALL COMPLY WITH PERMIT REQUIREMENTS OF CHAPTER 70, UNIFORM BUILDING CODE.
- PRIOR TO ANY SITE WORK PERTAINING TO DRAINAGE, THE CONTRACTOR SHALL CONTACT THE FIELD COORDINATOR FOR PLANS, UTILITIES AND DRAINAGE AT 249-9464 TO SET UP SCHEDULING.
- DUE TO FIELD CHANGES (REVISIONS), ENGINEERED AS-BUILTS MAY BE REQUIRED PRIOR TO SITE APPROVAL.
- VEGETATION SHALL BE ESTABLISHED ON AREAS DISTURBED OR ON AREAS OF CONSTRUCTION AS NECESSARY TO MINIMIZE EROSION. THE SEEDING REQUIREMENTS ARE AS FOLLOWS:
A. STOCKPILES ARE TO BE LOCATED IN SAFE AREAS AND ADEQUATELY PROTECTED BY TEMPORARY SEEDING AND MULCHING. HYDRO-SEED PREFERRED.
B. AREAS TO BE ROUGH-GRADED WITH FINISH GRADING TO FOLLOW NEAR PROJECT COMPLETION ARE TO BE SEED WITH ANNUAL, PERENNIAL OR HYBRID RYE GRASS. HYDRO-SEED PREFERRED.
C. PREPARATION OF SURFACE: ALL AREAS TO BE SEED SHALL BE CULTIVATED TO THE SATISFACTION OF THE ENGINEER. THIS MAY BE ACCOMPLISHED BY DISCING, HARROWING OR OTHER ACCEPTABLE MEANS.
- TEMPORARY STRAW BALES MAY BE REQUIRED IN DITCH ALONG 25TH AVENUE S.E. DURING CONSTRUCTION.
- TEMPORARY SILT FENCES MAY BE REQUIRED AROUND CATCH BASINS DURING CONSTRUCTION, ADDITIONAL SILT FENCES MAY BE NEEDED AS WEATHER CONDITIONS REQUIRE.
- ALL PIPE SHALL BE PLACED ON STABLE EARTH, OR IF IN THE OPINION OF THE COUNTY ENGINEER, THE EXISTING FOUNDATION IS UNSATISFACTORY, THEN IT SHALL BE EXCAVATED BELOW GRADE AND BACKFILLED TO GRADE WITH SAND-GRAVEL, CRUSHED STONE OR OTHER SUITABLE MATERIAL. NEVER INSTALL PIPE ON SOD, FROZEN EARTH OR LARGE Boulders OR ROCK.
- THE BACKFILL SHALL BE PLACED EQUALLY ON BOTH SIDES OF THE PIPE OR PIPE-ARCH IN LAYERS WITH A LOOSE AVERAGE DEPTH OF 6", MAXIMUM DEPTH 8", THOROUGHLY TAMPING EACH LAYER. THESE COMPACTED LAYERS MUST EXTEND FOR ONE DIAMETER ON EACH SIDE OF THE PIPE OR TO THE SIDE OF THE TRENCH. MATERIALS TO COMPLETE THE FILL OVER PIPE SHALL BE THE SAME AS DESCRIBED. (REFER TO METHOD STD. SPEC. 7-04.3(3) AND STD. SPEC. 2-03.3(14)C, METHOD B & C).
- ALL DISTURBED SLOPES SHALL BE SODDED OR SEEDDED WITH A PERENNIAL GRASS COVER (GRASS) TO PREVENT EROSION.
- ALL GRATES (INLETS) SHALL BE DERESSED 0.1 FEET BELOW PAVEMENT LEVEL.
- ALL CATCH BASINS TO BE TYPE I UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL MANHOLE, INLET, AND CATCH BASIN FRAMES AND GRATES JUST PRIOR TO POURING OF CURBS AND PAVING.
- ALL CATCH BASINS WITH A DEPTH OVER 5.0 FEET TO THE FLOWLINE SHALL BE TYPE II (MANHOLE).
- ALL TYPE II CATCH BASINS SHALL HAVE LOCKING LIDS.
- ALL FILLS SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY BY MODIFIED PROCTOR TEST.
- CATCH BASINS, TYPE I, SHALL BE DETAILED AS IN STANDARD PLAN NO. 52 OF AFWA STANDARDS AND SPECIFICATIONS, OR APPROVED EQUAL.
- STANDARD LADDER STEPS SHALL BE PROVIDED IN ALL CATCH BASINS/MANHOLES EXCEEDING 4 FEET IN DEPTH.
- CATCH BASIN FRAME AND GRATES SHALL BE OLYMPIC FOUNDRY MODEL 5435, 5435A OR 50503A, LOCKING TYPE OR EQUAL. MODEL 5435A IS REFERRED TO AS A "STRUCTURAL INLET" ON THE PLAN. MODEL 50503A IS REFERRED TO AS A "ROLLED GRATE INLET" ON THE PLAN.
- ALL CULVERT PIPE SHALL BE INSTALLED WITH CLASS "B" BEDDING IN ACCORDANCE WITH AFWA STANDARDS.
- BACKFILL TRENCH OF CULVERT PIPE IN LIFTS OF 6" - 8" AND COMPACT TO 95% RELATIVE COMPACTION UNDER ROADWAYS AND 90% RELATIVE COMPACTION OFF ROADWAYS.
- PRIOR TO SIDEWALK CONSTRUCTION, THE COUNTY INSPECTOR WILL EVALUATE INDIVIDUAL LOT DRAINAGE AND DIRECT THE INSTALLATION OF CATCH BASIN STUBOUTS AS REQUIRED. STUBS SHALL BE MARKED WITH A "X" 4" LOCATIONS OF THESE INSTALLATIONS SHALL BE PLACED ON THE AS-BUILT CONSTRUCTION PLANS AND SUBMITTED TO THE COUNTY. SEE NOTE ON INDIVIDUAL PLAN SHEETS.



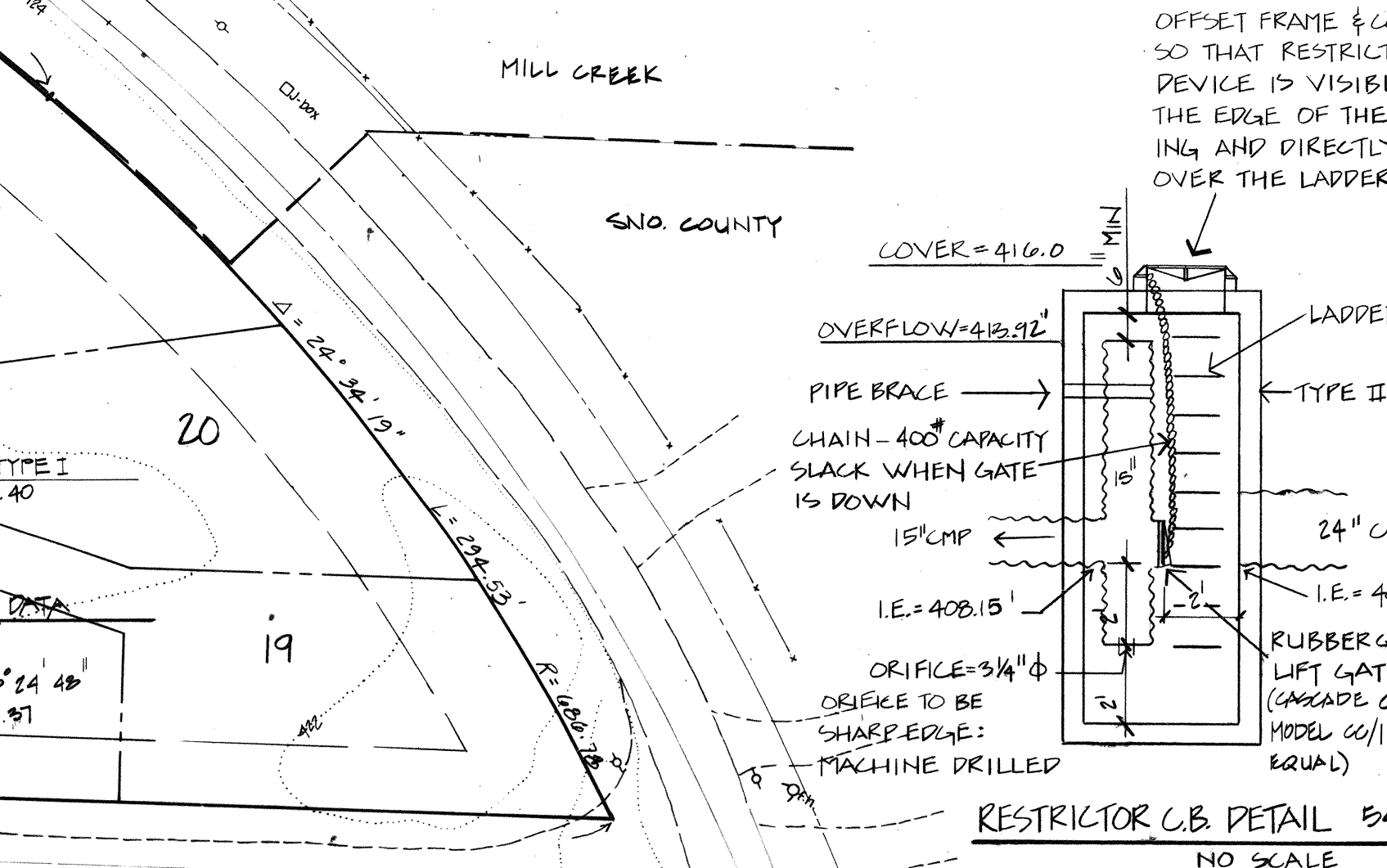
TYPICAL STREET SECTION

NO SCALE



DETENTION VAULT SECTION

NO SCALE



RESTRICTOR C.B. DETAIL 54"

NO SCALE

NOTE: ALL STEEL PARTS + SURFACES MUST BE GALVANIZED + COATED WITH ASPHALT (TREATMENT NO. 1 OR BETTER).

