

APPLETREE PARK

CITY OF MILL CREEK, WASHINGTON

SE 1/4, SEC. 32, TWP. 28 N., RGE. 5 E., W.M.

LEGAL DESCRIPTION

THAT PORTION OF THE SOUTHEAST ONE QUARTER OF THE SOUTHEAST ONE QUARTER AND OF THE SOUTHWEST ONE QUARTER OF THE SOUTHEAST ONE QUARTER OF SECTION 32, TOWNSHIP 28 NORTH, RANGE 5 EAST, W.M., DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION;

THENCE NORTH 88°12'18" WEST (NORTH 88°12'22" WEST PLAT) ALONG THE SOUTH LINE OF SAID SECTION 70.00 FEET TO THE WEST LINE OF THE EAST 70.00 FEET OF SAID SECTION AND THE SOUTHEAST CORNER OF THE PLAT OF PENNY CREEK PER THE PLAT THEREOF RECORDED IN VOLUME 45 OF PLATS, PAGE 247, RECORDS OF SNOHOMISH COUNTY, WASHINGTON, THENCE CONTINUING NORTH 88°12'18" WEST ALONG SAID SOUTH LINE AND THE SOUTH LINE OF SAID PLAT 635.80 FEET (653.78 PLAT) TO THE SOUTHEAST CORNER OF LOT 4 IN SAID PLAT AND THE POINT OF BEGINNING;

THENCE CONTINUING NORTH 88°12'18" WEST ALONG THE SOUTH LINE OF SAID PLAT AND SECTION 621.49 FEET (621.47 PLAT) TO THE SOUTHWEST CORNER OF THE SOUTHEAST ONE QUARTER OF THE SOUTHEAST ONE QUARTER OF SAID SECTION AND THE SOUTHEAST CORNER OF THE PLAT OF MILL CREEK NO. 4 PER THE PLAT RECORDED IN VOLUME 37 OF PLATS, PAGES 201 THROUGH 203, RECORDS OF SAID COUNTY;

THENCE NORTH 1°11'48" EAST (NORTH 1°11'39" EAST RECORD) ALONG THE EAST BOUNDARY OF SAID PLAT AND THE WEST LINE OF SAID SOUTHEAST ONE QUARTER, 653.34 FEET TO THE SOUTHEAST CORNER OF THE EAST ONE HALF OF THE NORTHEAST ONE QUARTER OF THE SOUTHWEST ONE QUARTER OF THE SOUTHEAST ONE QUARTER OF SAID SECTION; SAID CORNER ALSO BEING AN ANGLE POINT ON THE EASTERLY BOUNDARY OF SAID PLAT OF MILL CREEK NO. 4;

THENCE NORTH 88°13'30" WEST (NORTH 88°13'33" WEST RECORD) ALONG THE SOUTH LINE OF SAID EAST ONE HALF A DISTANCE OF 331.66 (331.65 FEET RECORD) TO THE SOUTHWEST CORNER OF SAID EAST ONE HALF AND AN ANGLE POINT ON THE EASTERLY BOUNDARY OF SAID PLAT;

THENCE NORTH 1°12'41" EAST (NORTH 1°12'30" EAST RECORD) ALONG SAID EASTERLY BOUNDARY AND THE WEST LINE OF SAID EAST ONE HALF 653.22 TO THE NORTHWEST CORNER OF SAID EAST ONE HALF AND THE NORTHEAST CORNER OF SAID PLAT;

THENCE SOUTH 76°56'29" EAST 338.70 FEET TO THE EAST LINE OF SAID EAST ONE HALF AND THE WEST LINE OF THE SOUTHEAST ONE QUARTER OF THE SOUTHEAST ONE QUARTER OF SAID SECTION;

THENCE NORTH 1°11'48" EAST ALONG SAID WEST LINE 66.39 FEET TO THE NORTHWEST CORNER OF SAID SOUTHEAST ONE QUARTER OF THE SOUTHEAST ONE QUARTER;

THENCE SOUTH 88°14'43" EAST ALONG THE NORTH LINE OF SAID SOUTHEAST ONE QUARTER 1295.95 FEET TO THE WEST LINE OF THE EAST 30.00 FEET OF SAID SECTION;

THENCE SOUTH 1°08'17" WEST ALONG SAID LINE 703.80 FEET THENCE NORTH 88°13'30" WEST 633.34 FEET;

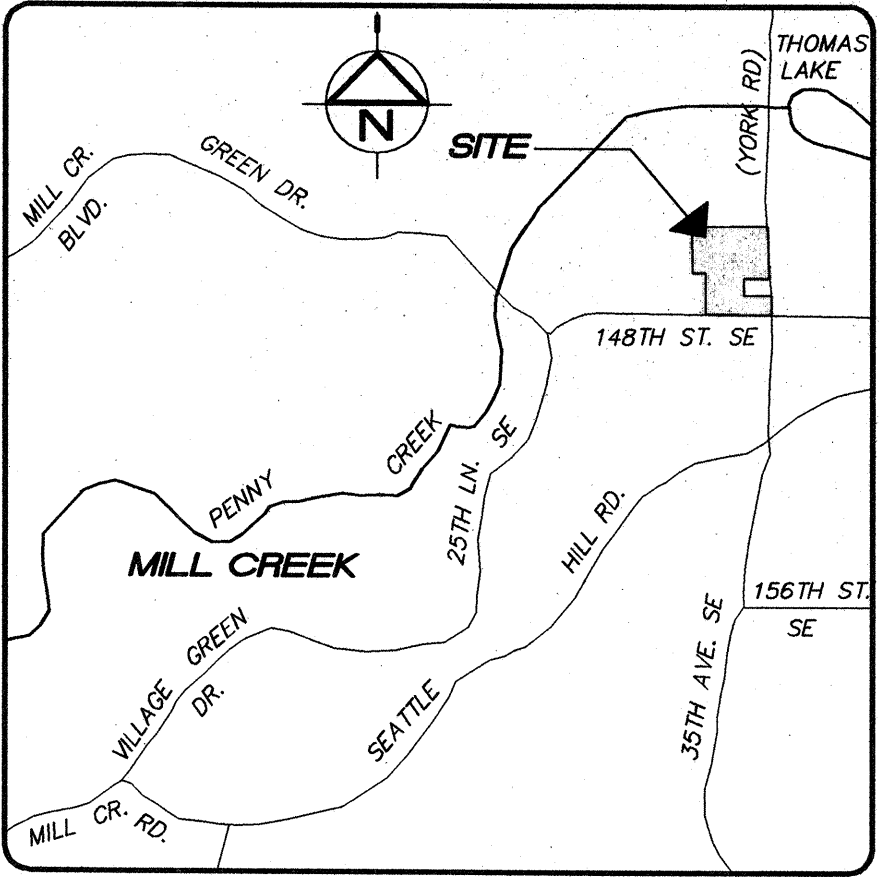
THENCE SOUTH 1°10'03" WEST 276.78 FEET TO THE NORTH LINE OF SAID PLAT OF PENNY CREEK;

THENCE NORTH 88°12'54" WEST ALONG SAID NORTH LINE 42.35 FEET TO THE NORTHEAST CORNER OF LOT 4 IN SAID PLAT OF PENNY CREEK;

THENCE SOUTH 1°07'59" WEST (SOUTH 1°07'33" EAST PLAT) 326.78 FEET (326.79 PLAT) TO THE POINT OF BEGINNING.

SHEET INDEX

- C1. COVER SHEET
 - C2. CLEARING, GRADING AND T.E.S.C. AND TREE RETENTION PLAN
 - C3. CLEARING, GRADING AND T.E.S.C. AND TREE RETENTION PLAN
 - C4. CLEARING, GRADING AND T.E.S.C. NOTES & DETAILS
 - C5. ROADWAY AND DRAINAGE PLAN
 - C6. ROADWAY AND DRAINAGE PLAN
 - C7. ROADWAY AND DRAINAGE PROFILES
 - C8. ROADWAY AND DRAINAGE PROFILES
 - C9. ROADWAY AND DRAINAGE NOTES & DETAILS
 - C10. ROADWAY AND DRAINAGE NOTES & DETAILS
 - C11. ROADWAY AND DRAINAGE DETAILS
 - C12. 148TH STREET SE FRONTAGE IMPROVEMENTS
 - C13. 35TH AVENUE SE FRONTAGE IMPROVEMENTS
- T1. 148TH STREET SE CHANNELIZATION PLAN



VICINITY MAP
NO SCALE

DATUM: U.S.G.S.
BENCH: EXIST. SANITARY SEWER MH APPROX. 150' SOUTH OF NW PROP. CORNER
INV. ELEV.= 389.82

TOPOGRAPHY SUPPLIED BY:
GEODIMENSIONS, INC.
1601 114TH AVENUE SE
ALDERWOOD BUILDING, SUITE 110
BELLEVUE, WA. 98004
(206)646-0225

PROJECT INFORMATION

OWNER/DEVELOPER	STAFFORD HOMES INC. 16016 118th PLACE NE BOTHELL, WA. 98011 PHONE: (206) 488-2222 CONTACT: ROB PURSER
SURVEYOR/ENGINEER	GROUP FOUR, INC. 16030 JUANITA-WOODINVILLE WAY NE BOTHELL, WA. 98011 PHONE: (206) 775-4581 OR 362-4244 PROJ. MGR.: STEVE ANDERSON
SCHOOLS	EVERETT SCHOOL DISTRICT
SEWER	ALDERWOOD SEWER AND WATER
WATER	ALDERWOOD SEWER AND WATER
POWER	SNOHOMISH COUNTY P.U.D.
NATURAL GAS	WASHINGTON NATURAL GAS
PHONE	GENERAL TELEPHONE
FIRE	CITY OF MILL CREEK (DISTRICT NO. 7)

CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555

CITY OF MILL CREEK
APPROVED FOR CONSTRUCTION
[Signature]
CITY ENGINEER
2 Aug 95
DATE

STAFFORD HOMES
APPLETREE PARK
COVER SHEET
BRIGHTON
CITY OF MILL CREEK

AUG - 1 1995

SHT C1 OF 13

JOB NO:95-8013

GROUP FOUR, Inc.
16030 JUANITA-WOODINVILLE WAY NE
BOTHELL, WASHINGTON 98011
(206)775-4581 • (206)362-4244 • FAX (206)362-3819
SURVEYING ENGINEERING PLANNING MANAGEMENT
DRAWN BY: GST CHECKED BY: APPROVED BY: DATE: 4/96

JOHN R. VANIER
WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 12-31-97

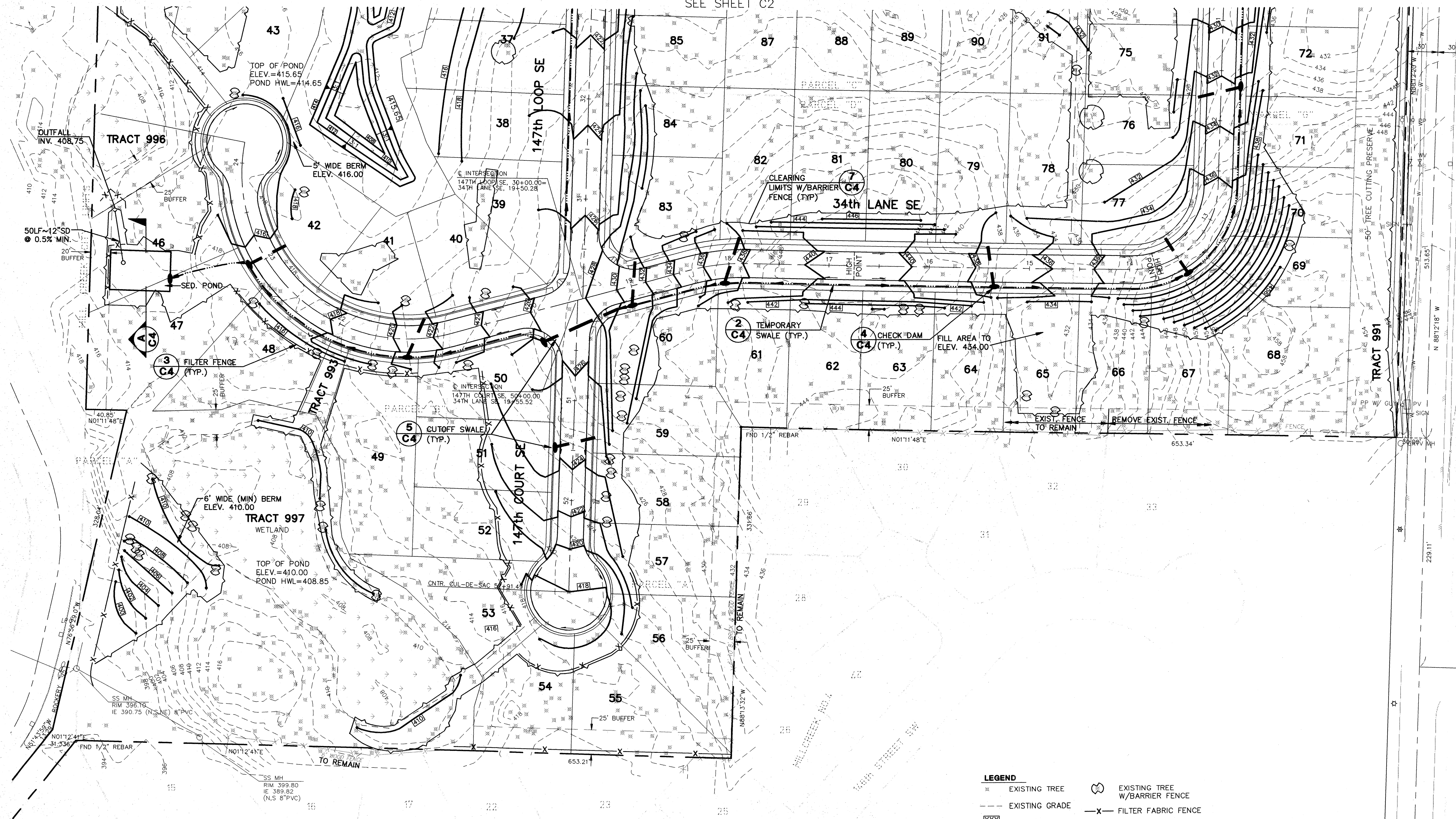
BY
DATE
REVISION
NO.
PLANNING AND DESIGN DIVISION
CITY OF MILL CREEK

BRIGHTON

CONTOUR INTERVAL = 2'



148th STREET SE



**CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555**

100

W. J. F. F. 3 Apr 95
CITY ENGINEER DATE

STAFFORD HOMES
APPLETREE PARK
CLEARING, GRADING, T.E.S.C.
AND TREE RETENTION PLAN
OF MILL CREEK WASH

G4 GROUP FOUR, Inc.
16030 JUANITA-WOODINVILLE WAY NE
BOTHELL WASHINGTON 98011
(206)775-4561 • (206)362-4244 • FAX(206)362-3819
SURVEYING ENGINEERING PLANNING MANAGEMENT
DRAWING BY: RCA\ MCH CHECKED BY: JVR APPROVED BY:
DATE: DATE:

NO.	REVISION	DATE	BY
1.	REV. PER CITY COMMENTS	08-15-95	RCA
2.	REV. PER CITY COMMENTS	07-18-95	MCH

FILENAME: J:\92-8013\AT090\G04B04P05-2
 UPDATED: AUG 31, 1995 11:28:43

SHT C3 OF 13

JOB NO:95-8013

BRIGHTON HDEV-074

SITE GRADING AND T.E.S.C. NOTES

1. NON COMPLIANCE WITH THE EROSION CONTROL REQUIREMENTS, WATER QUALITY REQUIREMENTS AND CLEARING LIMITS VIOLATIONS MAY RESULT IN REVOCATION OF PROJECT PERMITS, PLAN APPROVAL AND BOND FORECLOSURES.
2. PRIOR TO ANY SITE CONSTRUCTION TO INCLUDE CLEARING/LOGGING OR GRADING THE SITE/LOT CLEARING LIMITS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR/ENGINEER WITH COORDINATION WITH THE CITY AND DEVELOPER, AS REQUIRED BY THESE PLANS. THE PROJECT SURVEYOR/ENGINEER'S NAME AND TELEPHONE NUMBER ARE: GROUP FOUR, INC 775-4581.
3. PRIOR TO ANY SITE WORK, THE CONTRACTOR SHALL CONTACT THE CITY OF MILL CREEK AT (206) 337-1116 TO SCHEDULE A PRECONSTRUCTION CONFERENCE. DUE TO FIELD CHANGES (REVISIONS), ENGINEERED AS-BUILTS SHALL BE REQUIRED PRIOR TO SITE APPROVAL.
4. THE TEMPORARY EROSION/SEDIMENTATION CONTROL FACILITY SHALL BE CONSTRUCTED PRIOR TO ANY GRADING OR EXTENSIVE LAND CLEARING IN ACCORDANCE WITH THE APPROVED TEMPORARY EROSION/SEDIMENTATION CONTROL PLAN. THESE FACILITIES MUST BE SATISFACTORILY MAINTAINED UNTIL CONSTRUCTION AND LANDSCAPING IS COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS PASSED.
5. ALL SITE WORK MUST COMPLY TO CHAPTER 70 OF THE UNIFORM BUILDING CODE. (1988 EDITION). ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE 1991 STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION (WSDOT/APWA).
6. ALL EARTH WORK SHALL BE PERFORMED IN ACCORDANCE WITH CITY STANDARDS.
7. IF CUT AND FILL SLOPES EXCEED A MAXIMUM OF TWO FEET HORIZONTAL TO ONE FOOT VERTICAL, A ROCK OR CONCRETE RETAINING WALL MAY BE REQUIRED. ALL ROCK RETAINING WALLS GREATER THAN FOUR (4) FEET IN HEIGHT ARE TO FOLLOW CITY SPECIFICATIONS AND TO BE DESIGNED AND CERTIFIED BY A CIVIL ENGINEER EXPERIENCED IN SOILS MECHANICS.
8. STOCKPILES ARE TO BE LOCATED IN SAFE AREAS AND ADEQUATELY PROTECTED BY TEMPORARY SEEDING, MULCHING AND FILTER FENCE. HYDROSEED PREFERRED.
9. ALL STRUCTURAL FILLS SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY BY MODIFIED PROCTOR TEST.
10. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARD.
11. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS DURING THE CONSTRUCTION PERIOD. THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS.
12. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
13. ANY AREA STRIPPED OF VEGETATION, INCLUDING ROADWAY EMBANKMENTS, WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 15 DAYS, SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED ESC METHODS (E.G. SEEDING, MULCHING, NETTING EROSION BLANKETS, ETC.).
14. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 24 HOURS FOLLOWING A STORM EVENT.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

1. INSTALLATION: THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS AND OTHER OBJECTIONABLE MATERIAL. THE GRAVEL SHALL BE PLACED TO THE SPECIFIED DIMENSIONS. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHOULD BE CONSTRUCTED ACCORDING TO SPECIFICATIONS IN THE PLAN. IF WASH RACKS ARE USED, THEY SHOULD BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. AGGREGATE: 4" TO 8" QUARRY SPALLS.
3. ENTRANCE DIMENSIONS: THE AGGREGATE LAYER MUST BE AT LEAST 6 INCHES THICK. IT MUST EXTEND THE FULL WIDTH OF THE VEHICULAR INGRESS AND EGRESS AREA. THE LENGTH OF THE ENTRANCE MUST BE AT LEAST 50 FEET.
4. WASHING: IF CONDITIONS ON THE SITE ARE SUCH THAT MOST OF THE MUD IS NOT REMOVED FROM VEHICLE TIRES BY CONTACT WITH THE GRAVEL, THEN THE TIRES MUST BE WASHED BEFORE VEHICLES ENTER A PUBLIC ROAD. WASH WATER MUST BE CARRIED AWAY FROM THE ENTRANCE TO A SETTLING AREA TO REMOVE SEDIMENT. A WASH RACK MAY ALSO BE USED TO MAKE WASHING MORE CONVENIENT AND EFFECTIVE.
5. MAINTENANCE: THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2-INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAY OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
6. ALL CONSTRUCTION ACCESS SHALL BE ONTO 35th AVENUE ONLY. NO ACCESS ONTO OTHER ROAD SHALL BE ALLOWED.

STANDPIPE AND SEDIMENT POND MAINTENANCE

1. THE EMBANKMENT OF THE BASIN SHOULD BE CHECKED REGULARLY TO INSURE THAT IT IS STRUCTURALLY SOUND AND HAS NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT. THE EMERGENCY SPILLWAY SHOULD BE CHECKED REGULARLY TO INSURE THAT ITS LINING IS WELL ESTABLISHED AND EROSION-RESISTANT. THE SILTATION BASIN SHOULD BE CHECKED AFTER EACH RUNOFF-PRODUCING RAINFALL FOR SEDIMENT CLEAN OUT. WHEN THE SEDIMENT REACHES THE CLEAN OUT LEVEL, IT SHALL BE REMOVED AND PROPERLY DISPOSED OF.

SILTATION BARRIERS

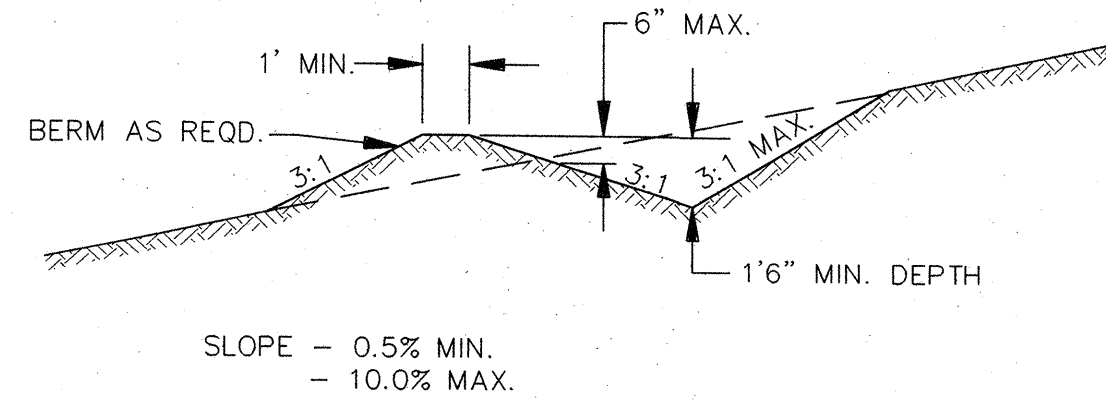
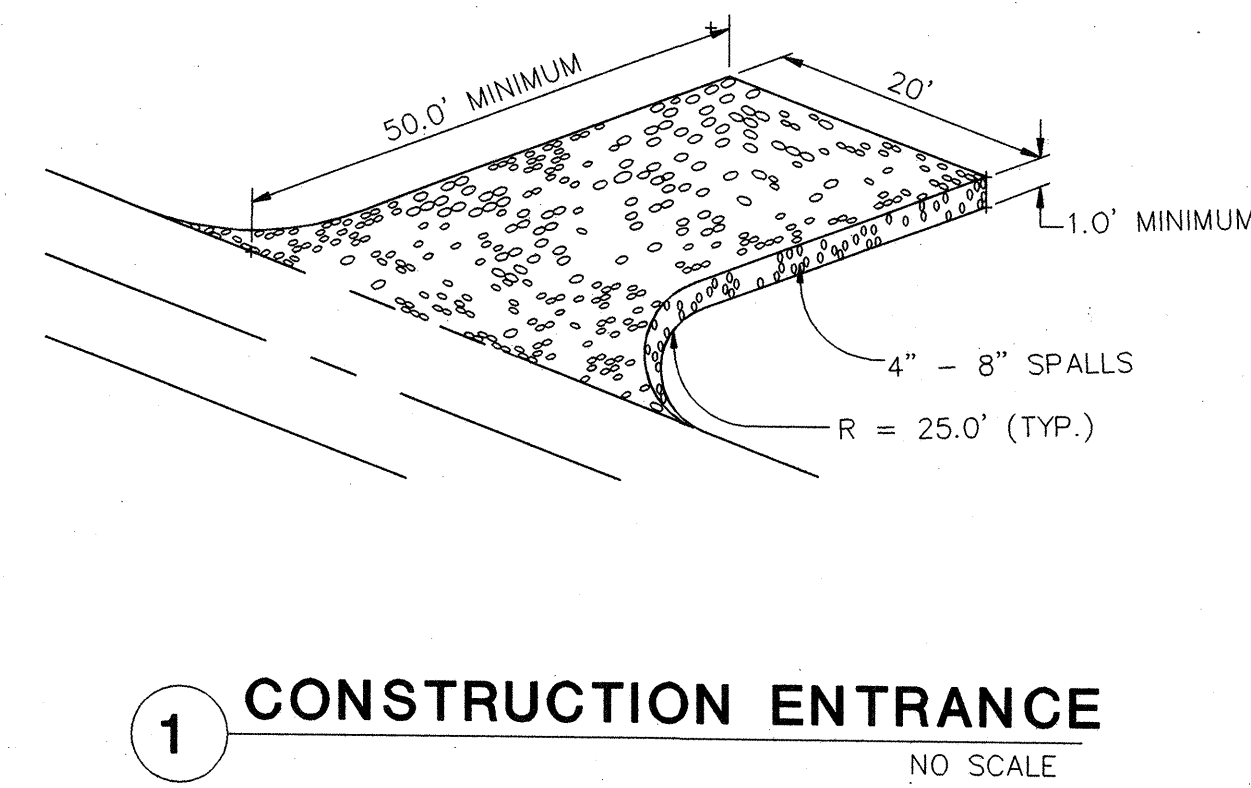
1. SILTATION BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE STRAW BALE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDDED.

HYDROSEEDING GENERAL NOTES

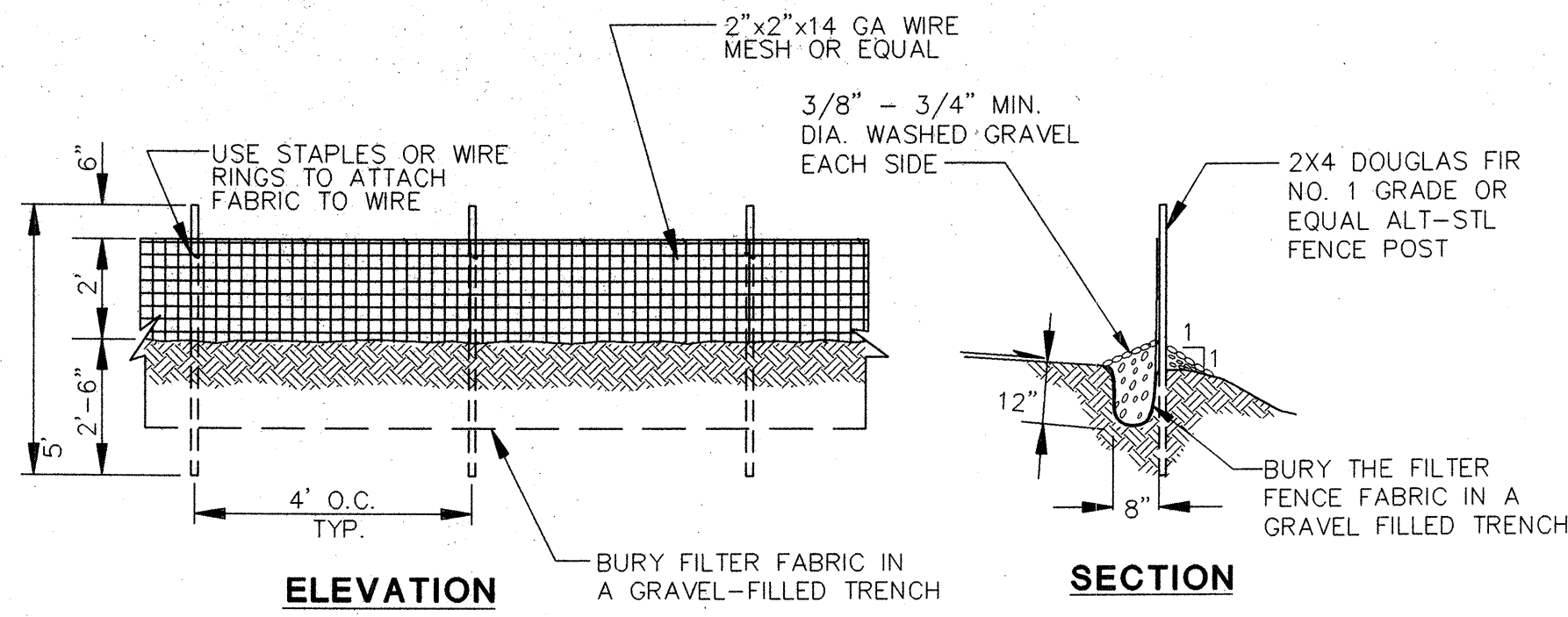
1. CONSTRUCTION ACCEPTANCE: WILL BE SUBJECT TO A WELL ESTABLISHED GROUND COVER THAT FULFILLS THE REQUIREMENT OF THE APPROVED CONSTRUCTION PLANS.
2. ALL DISTURBED AREAS SUCH AS RETENTION FACILITIES, ROADWAY BACK-SLOPES, ETC. SHALL BE SEEDDED WITH A PERENNIAL GROUND COVER GRASS TO MINIMIZE EROSION. GRASS SEEDING WILL BE DONE USING AN APPROVED HYDROSEEDER OR AS OTHERWISE APPROVED BY THE CITY OF MILL CREEK.
3. PREPARATION OF SURFACE: ALL AREAS TO BE SEEDDED SHALL BE CULTIVATED TO THE SATISFACTION OF THE CITY INSPECTOR. THIS MAY BE ACCOMPLISHED BY DISCING, RAKING, HARROWING OR OTHER ACCEPTABLE MEANS.
4. IMMEDIATELY FOLLOWING FINISH GRADING, PERMANENT VEGETATION (CONSISTING OF RAPID, PERSISTENT AND LEGUME) WILL BE APPLIED. (MINIMUM OF 80 POUNDS PER ACRE). THIS IS TO INCLUDE THE FOLLOWING: 20% ANNUAL, PERENNIAL OR HYBRID RYE GRASS, 40% CREEPING RED FESCUE, 40% WHITE CLOVER. HYDROSEED REQUIRED.
5. FERTILIZER: SHALL BE APPLIED AT 400 POUNDS PER ACRE OF 10-20-20 (10 POUNDS PER 1100 SQUARE FEET) OR EQUIVALENT.

CONSTRUCTION SEQUENCE

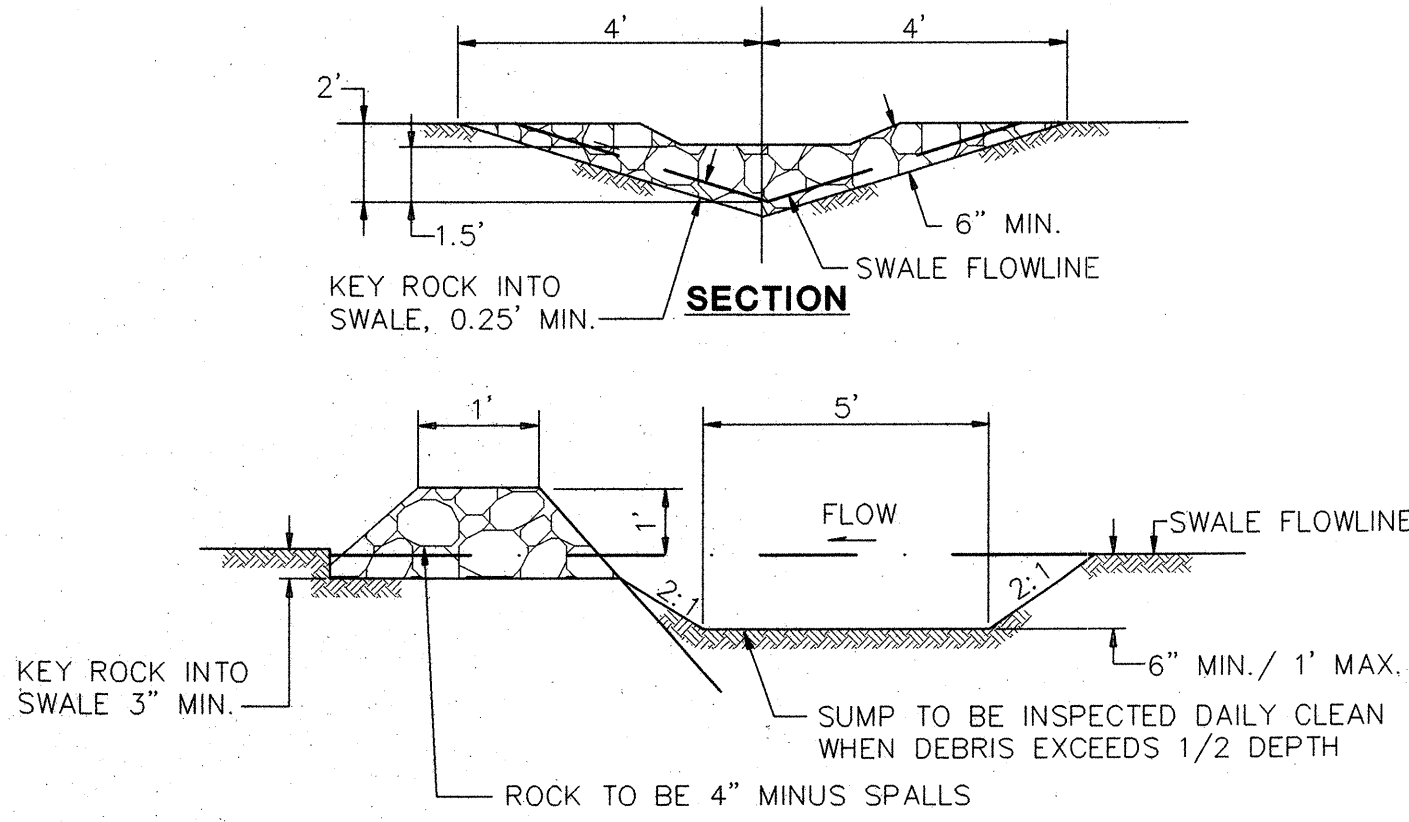
1. ATTEND PRE-CONSTRUCTION MEETING WITH THE CITY. THIS MEETING SHALL INCLUDE THE EXCAVATION CONTRACTOR.
2. FLAG CLEARING LIMITS, CALL CITY FOR INSPECTION & APPROVAL. THE CITY AND DEVELOPER SHALL WORK TOGETHER TO SET THE EXACT LOCATION OF THE CLEARING LIMITS (SEE NOTES 1 AND 2 ON SHEET C2 AND C3).
3. PROVIDE CB PROTECTION. SEE DETAIL 7, THIS SHEET.
4. INSTALL FILTER FENCE AND BARRIER FENCE.
5. INSTALL ROCKED CONSTRUCTION ENTRANCE.
6. CLEAR FOR AND INSTALL SEDIMENT PONDS AND APPURTENANCES.
7. CLEAR AND GRUB SITE TO LIMITS OF CLEARING.
8. ROUGH GRADE SITE.
9. INSTALL INTERCEPTOR DITCHES/CHECK DAMS/DISPERSAL TRENCHES.
10. INSTALL UTILITIES (POWER, STORM, SANITARY, ETC.)
11. FINAL GRADE/PAVE, MAINTAIN CB PROTECTION.
12. FLUSH STORM DRAINAGE SYSTEM (I.E. CLEAN OUT & TEST SYSTEM).
13. REMOVE ALL TESCP FACILITIES ONLY WHEN ENTIRE SITE IS STABILIZED.



2 TEMPORARY SWALE SECTION
NO SCALE

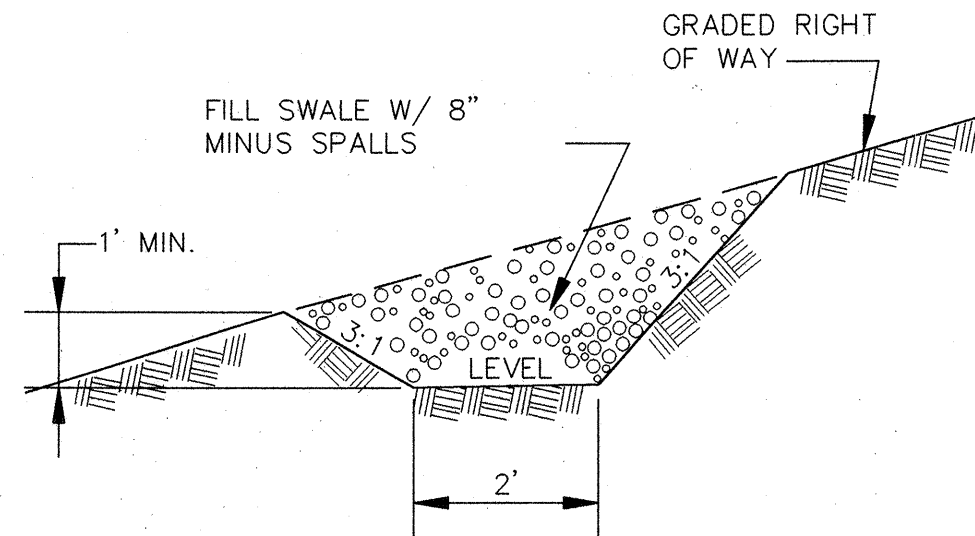


3 FILTER FENCE DETAIL
NO SCALE

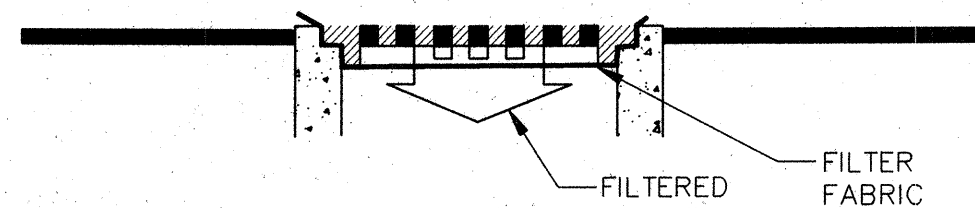


DITCH SLOPE	CHECK DAM SPACING
0 - 5%	150'
5% - 10%	100'
> 10%	50'

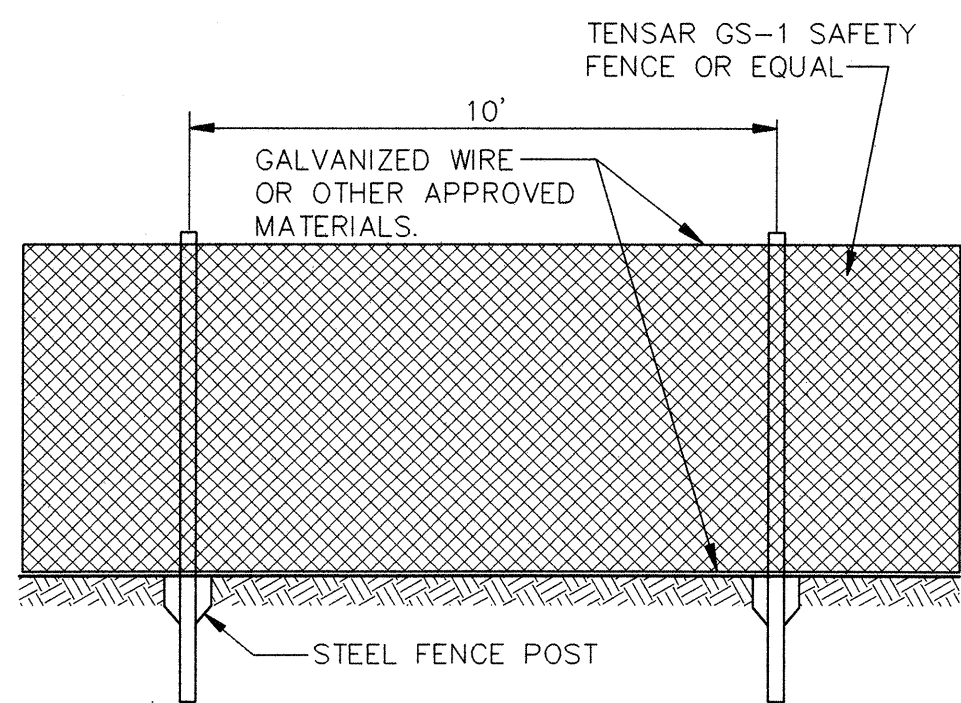
4 TYPICAL CHECK DAM DETAIL
NO SCALE



5 CUTOFF SWALE SECTION
NO SCALE

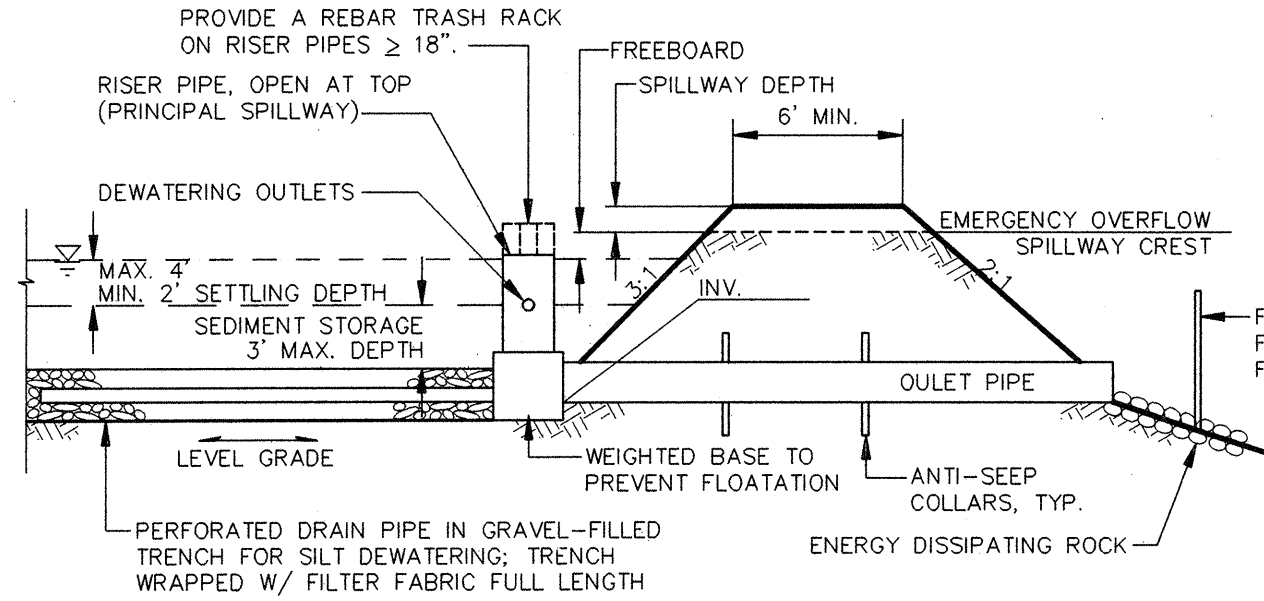


6 CB PROTECTION DETAIL
NO SCALE



- NOTES:
1. CLIP FENCE TO GALVANIZED WIRE.
 2. WIRE FENCE TO STEEL FENCE POST.

7 TEMPORARY BARRIER FENCE DETAIL
NO SCALE



EAST SEDIMENT POND DATA TABLE	
TOP OF POND= 409.00	BOTTOM WIDTH= 3.0'
H.W.L.= 408.00	BOTTOM LENGTH= 27.0'
POND BOTTOM= 404.50	TOP WIDTH= 30.0'
SIDE SLOPES= 3:1	TOP LENGTH= 54.0'
TOTAL DEPTH= 4.5'	
SETTLING DEPTH= 2'	
SED. STOR. DEPTH= 1.5'	
FREEBOARD= 1.0'	

EAST SEDIMENT VOLUME REQUIRED = 336 CF
EAST SEDIMENT VOLUME PROVIDED = 365 CF

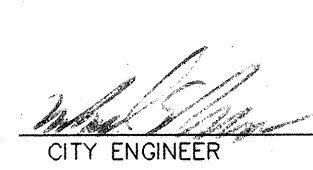
WEST SEDIMENT POND DATA TABLE	
TOP OF POND= 414.00	BOTTOM WIDTH= 0'
H.W.L.= 413.00	BOTTOM LENGTH= 18.0'
POND BOTTOM= 409.50	TOP WIDTH= 27.0'
SIDE SLOPES= 3:1	TOP LENGTH= 45.0'
TOTAL DEPTH= 4.5'	
SETTLING DEPTH= 2.0'	
SED. STOR. DEPTH= 1.5'	
FREEBOARD= 1.0'	

WEST SEDIMENT VOLUME REQUIRED = 21CF
WEST SEDIMENT VOLUME PROVIDED = 162 CF

A SEDIMENT POND DETAIL
NO SCALE

CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555

CITY OF MILL CREEK
APPROVED FOR CONSTRUCTION

 3 Aug 95
CITY ENGINEER DATE

GROUP FOUR, Inc.
16030 JUANITA-WOODVILLE WAY NE
BOTHELL, WASHINGTON 98011
(206) 775-4581 • (206) 362-4244 • FAX (206) 362-3819
SURVEYING ENGINEERING PLANNING MANAGEMENT
DRAWN BY: GST CHECKED BY: DATE: 4/95
APPROVED BY: DATE:

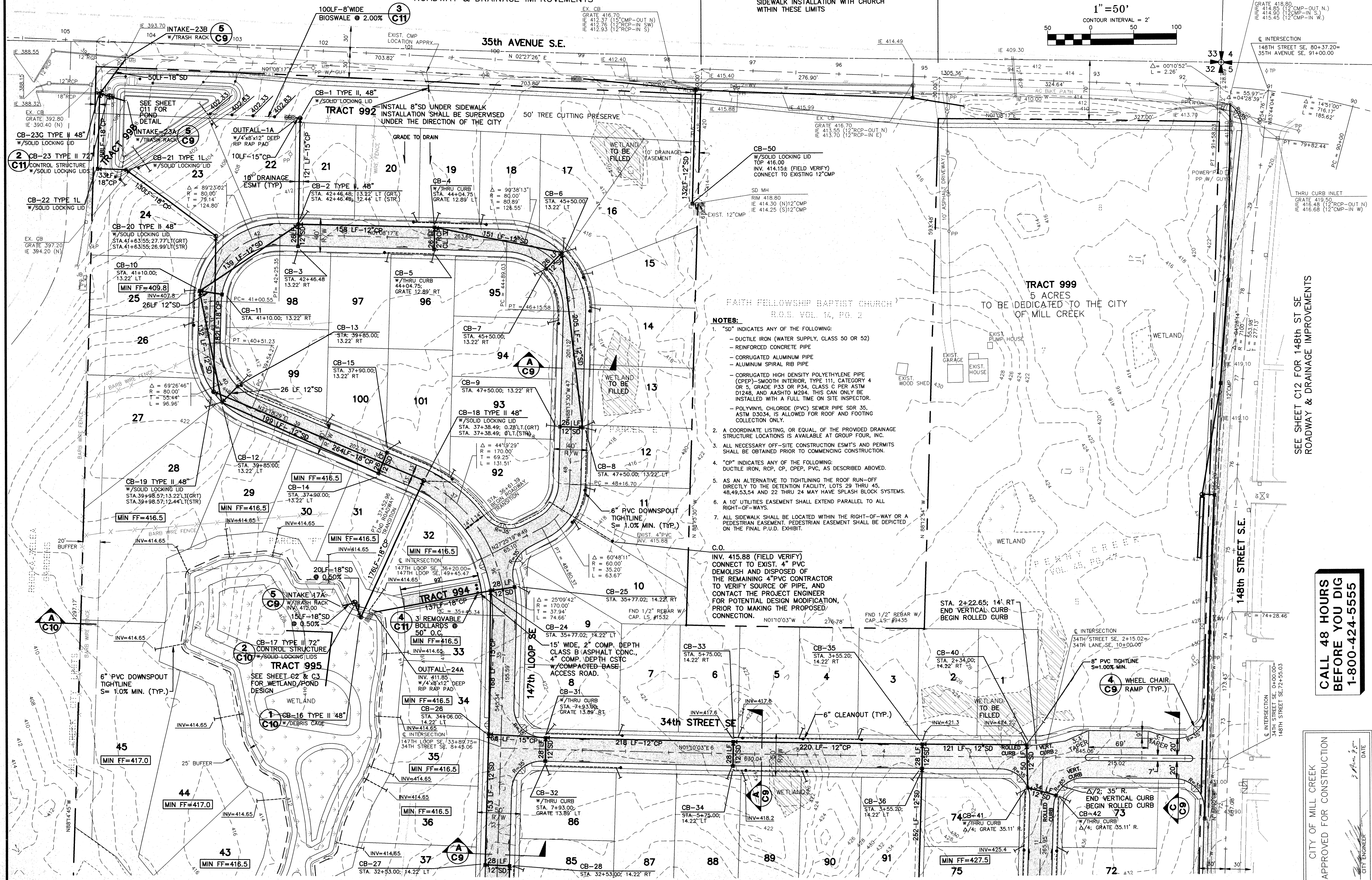
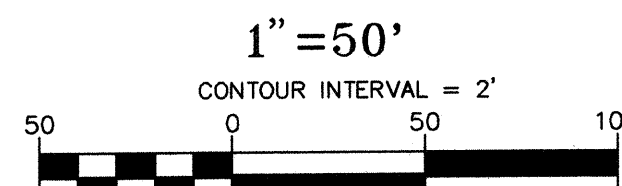
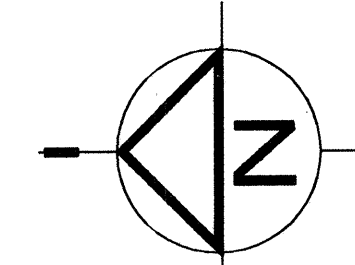
STAFFORD HOMES
APPLETREE PARK
CLEARING, GRADING AND T.E.S.C.
NOTES AND DETAILS
CITY OF MILL CREEK WASHINGTON

AUG - 1 1995
SHT C4 OF 13
JOB NO: 95-8013

SE 1/4 SEC. 32 ,TWP. 28N. ,RGE. 5E. ,W.M.

SEE SHEET C13 FOR 35th AVE SE
ROADWAY & DRAINAGE IMPROVEMENTS

CITY AND DEVELOPER TO COORDINATE
SIDEWALK INSTALLATION WITH CHURCH
WITHIN THESE LIMITS



SEE SHEET C12 FOR 148th ST SE
ROADWAY & DRAINAGE IMPROVEMENTS

CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555

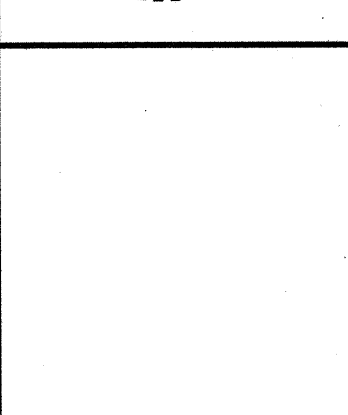
CITY OF MILL CREEK
APPROVED FOR CONSTRUCTION

DATE: 08-16-95
REVISED: 07-19-95
REVISIONS PER CITY COMMENTS

NO. 1
REV. PER CITY COMMENTS
REVISIONS PER CITY COMMENTS

NO. 2
REV. PER CITY COMMENTS
REVISIONS PER CITY COMMENTS

FILE NAME: J:\95-8013\AMPS\DRN\DRN-1
DATE: 08-16-95



GROUP FOUR, Inc.
16030 JUANITA-WOODVILLE WAY NE
BOTHELL, WASHINGTON 98011
(206) 775-4591 • (206) 362-4244 • FAX (206) 362-3919

SURVEYING ENGINEERING PLANNING MANAGEMENT
DRAWN BY: RCA/MCH CHECKED BY: JRV APPROVED BY: JRV
DATE: DATE: DATE:

STAFFORD HOMES
APPLETREE PARK
ROADWAY AND DRAINAGE PLAN

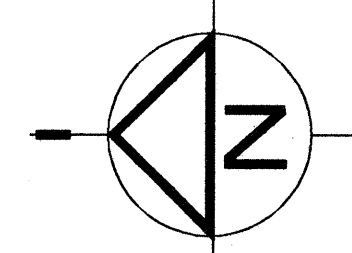
AUG - 1 1995

SHT C5 OF 13
JOB NO: 95-8013

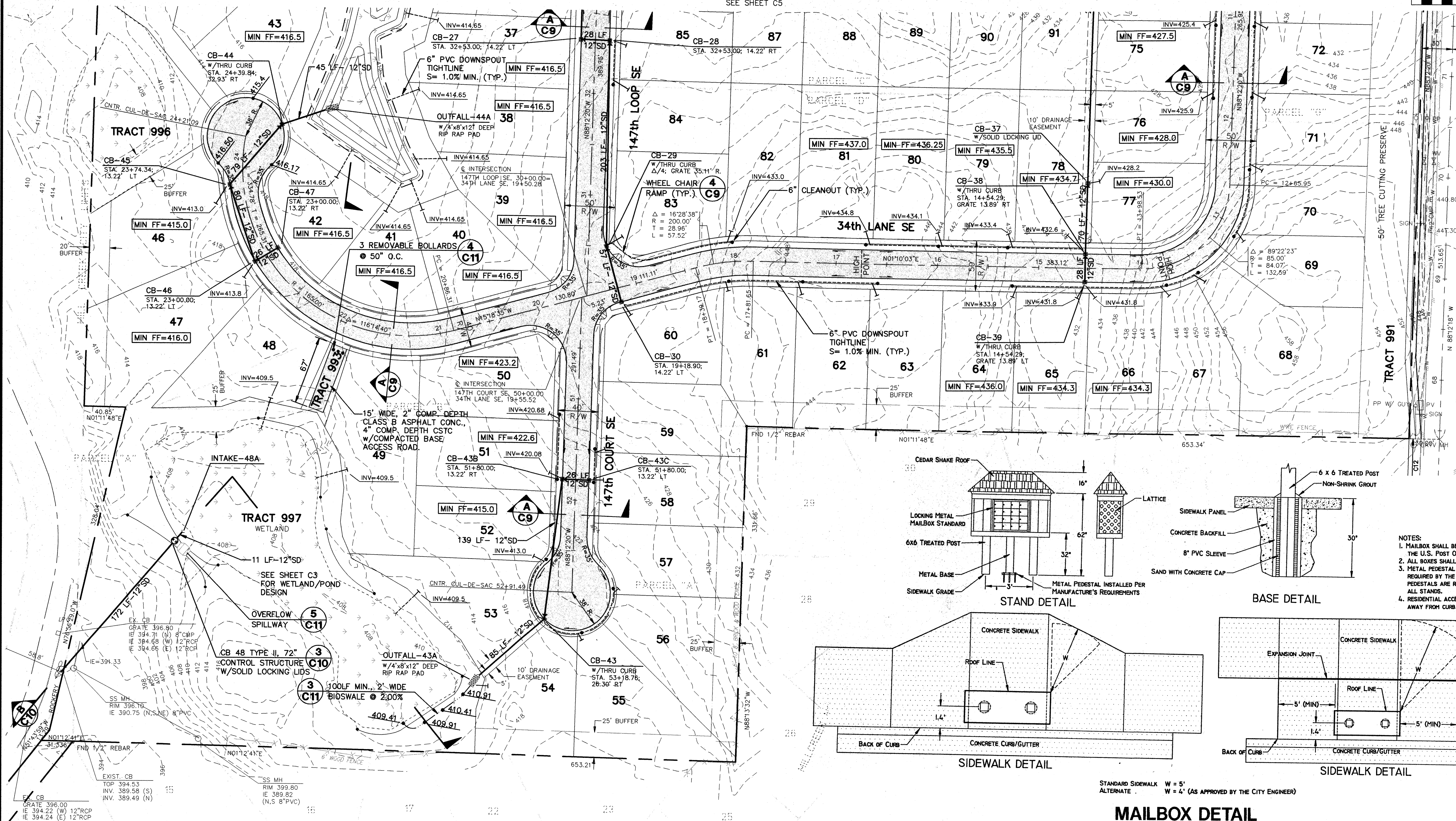
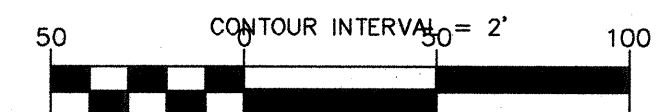
CITY OF MILL CREEK
WASHINGTON

SE 1/4 SEC. 32 ,TWP. 28N. ,RGE. 5E. ,W.M.

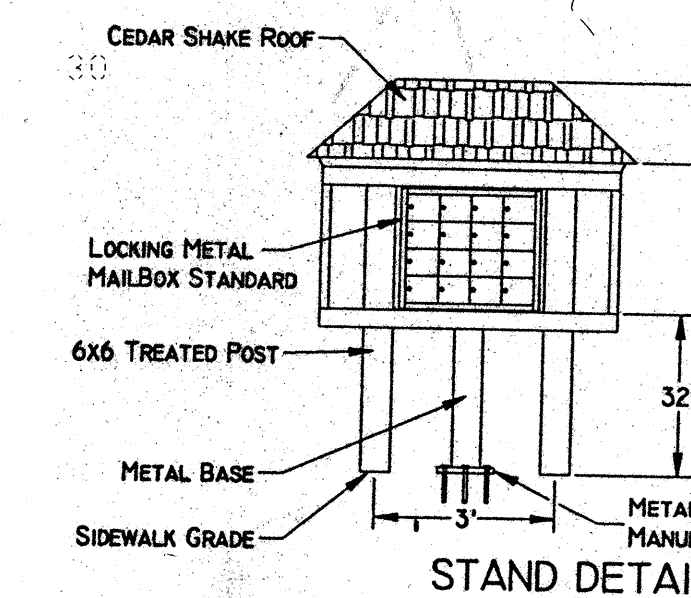
SEE SHEET C5



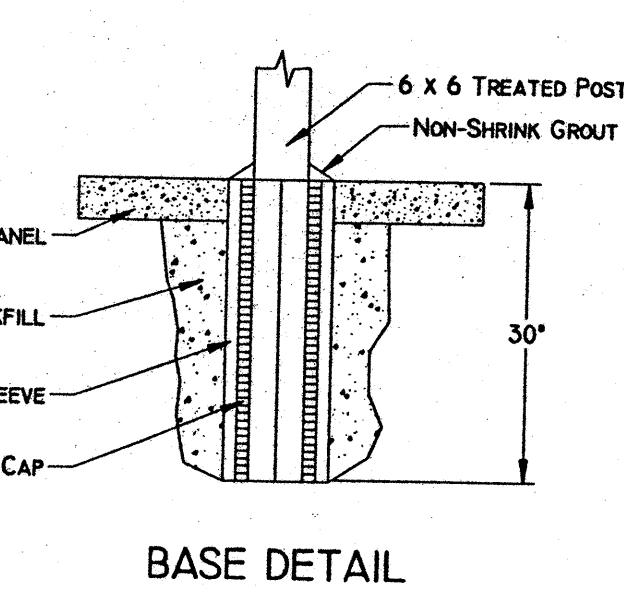
1"=50'



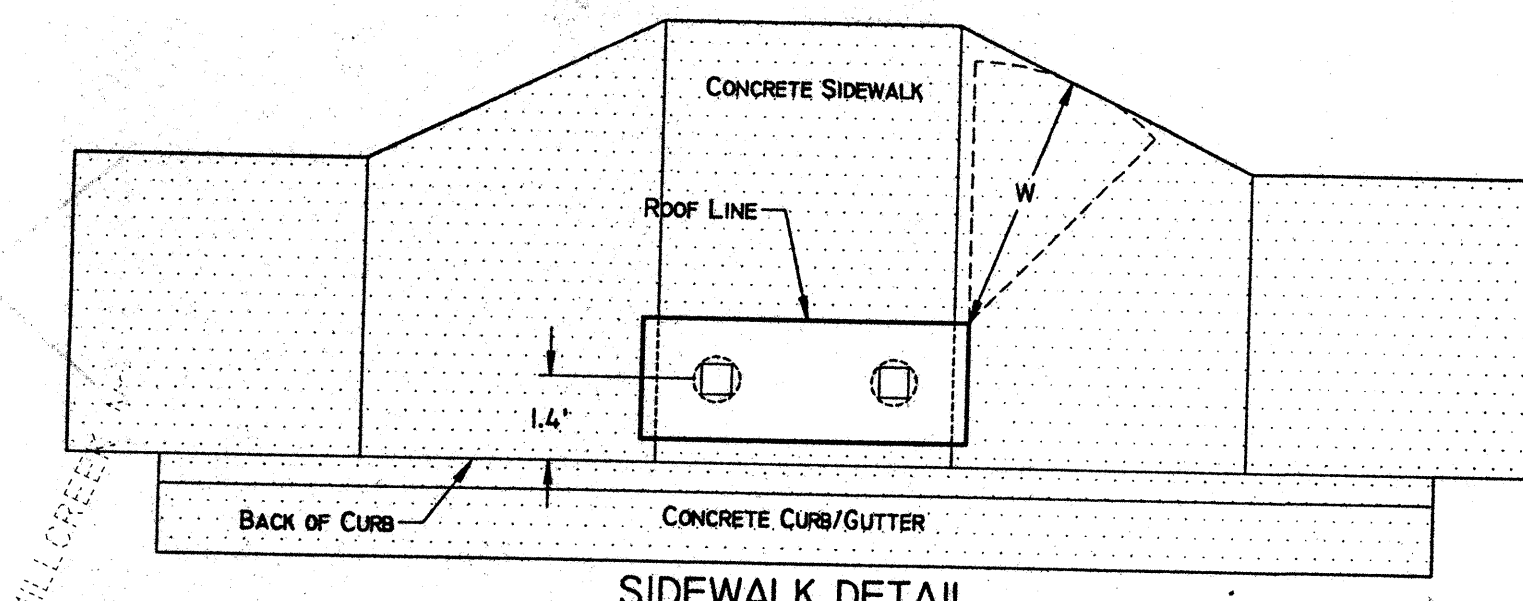
SEE SHEET C12 FOR 148th ST SE
ROADWAY & DRAINAGE IMPROVEMENTS



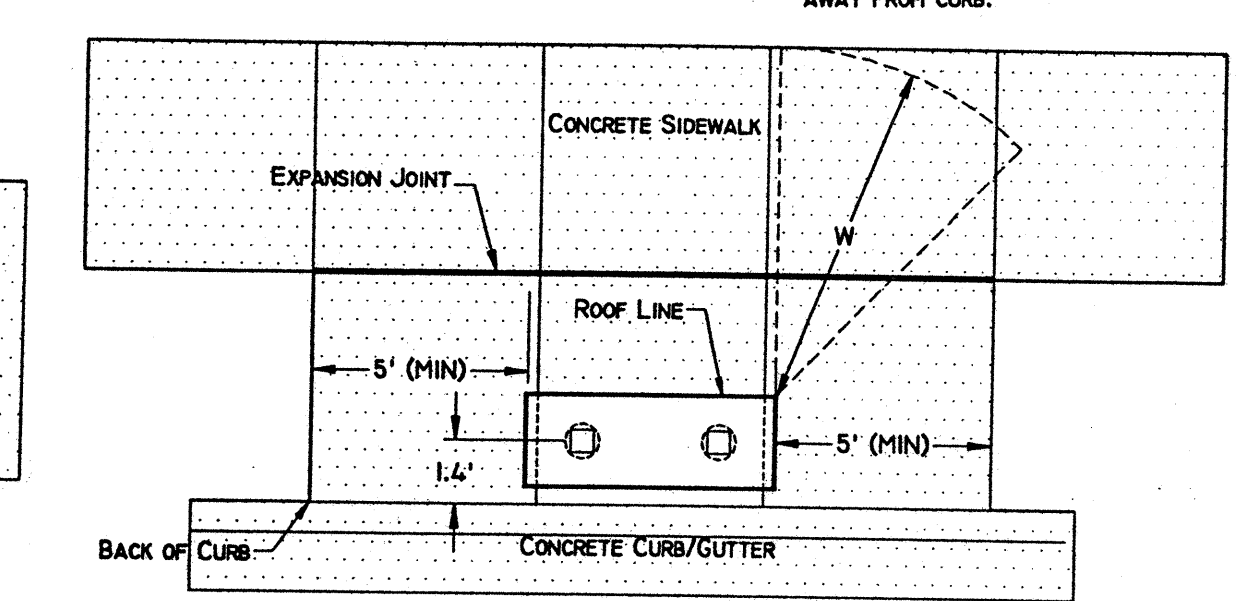
STAND DETAIL



BASE DETAIL



SIDEWALK DETAIL



SIDEWALK DETAIL

STANDARD SIDEWALK W = 5'
ALTERNATE W = 4' (AS APPROVED BY THE CITY ENGINEER)

MAILBOX DETAIL

NOTE: EXACT LOCATION OF MAILBOX STANDS TO BE DETERMINED BY THE POST MASTER PRIOR TO INSTALLATION OF THE DEPICTED SIDEWALKS.

NOTES:

- "SD" INDICATES ANY OF THE FOLLOWING:
 - DUCTILE IRON (WATER SUPPLY, CLASS 50 OR 52)
 - REINFORCED CONCRETE PIPE
 - CORRUGATED ALUMINUM PIPE
 - ALUMINUM SPIRAL RIB PIPE
 - CORRUGATED HIGH DENSITY POLYETHYLENE PIPE (CPEP)—SMOOTH INTERIOR, TYPE 111, CATEGORY 4 OR 5, GRADE P33 OR P34, CLASS C PER ASTM D1248, AND AASHTO M294. THIS CAN ONLY BE INSTALLED WITH A FULL TIME ON SITE INSPECTOR.
 - POLYVINYL CHLORIDE (PVC) SEWER PIPE SDR 35, ASTM D3034, IS ALLOWED FOR ROOF AND FOOTING COLLECTION ONLY.
- A COORDINATE LISTING, OR EQUAL, OF THE PROVIDED DRAINAGE STRUCTURE LOCATIONS IS AVAILABLE AT GROUP FOUR, INC.
- ALL NECESSARY OFF-SITE CONSTRUCTION ESMIT'S AND PERMITS SHALL BE OBTAINED PRIOR TO COMMENCING CONSTRUCTION.
- "CP" INDICATES ANY OF THE FOLLOWING:
 - DUCTILE IRON, RCP, CP, CPEP, PVC, AS DESCRIBED ABOVE.
- AS AN ALTERNATIVE TO TIGHTENING THE ROOF RUN-OFF DIRECTLY TO THE DETENTION FACILITY, LOTS 29 THRU 45, 48,49,53,54 AND 22 THRU 24 MAY HAVE SPLASH BLOCK SYSTEMS.
- A 10' UTILITIES EASEMENT SHALL EXTEND PARALLEL TO ALL RIGHT-OF-WAYS.
- ALL SIDEWALK SHALL BE LOCATED WITHIN THE RIGHT-OF-WAY OR A PEDESTRIAN EASEMENT. PEDESTRIAN EASEMENT SHALL BE DEPICTED ON THE FINAL P.U.D. EXHIBIT.

**CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555**

CITY OF MILL CREEK
APPROVED FOR CONSTRUCTION

CITY ENGINEER
DATE

STAFFORD HOMES
APPLETREE PARK
ROADWAY AND DRAINAGE PLAN

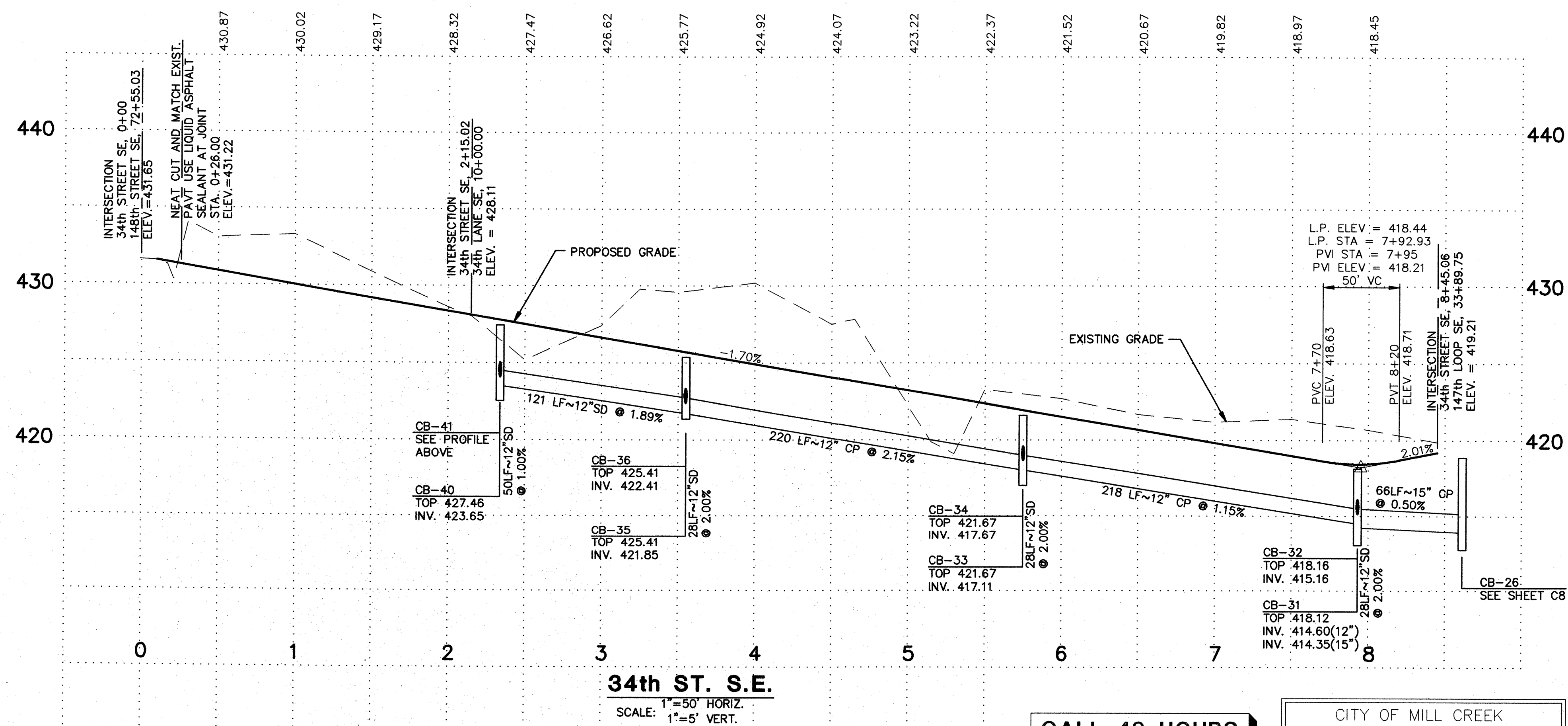
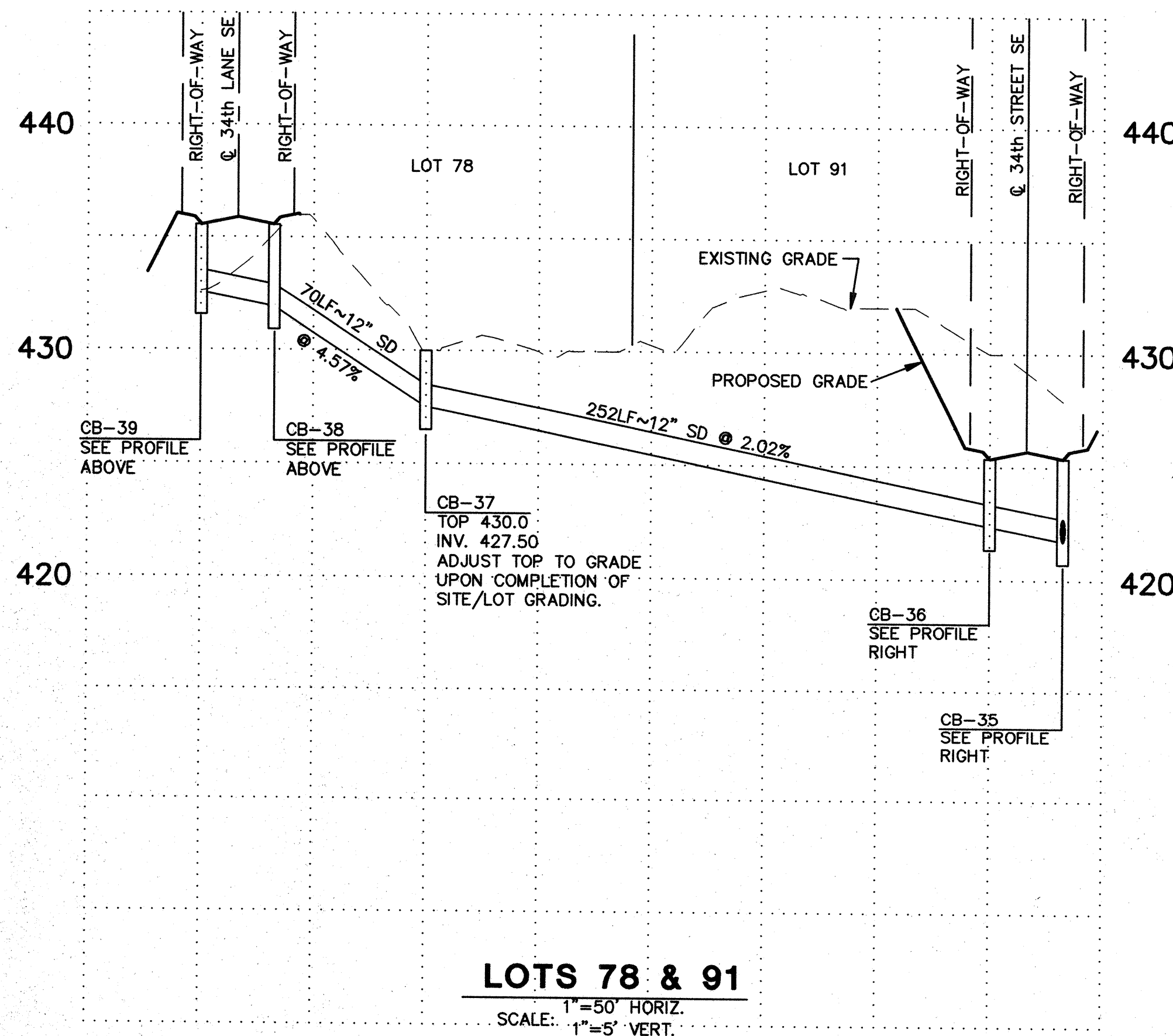
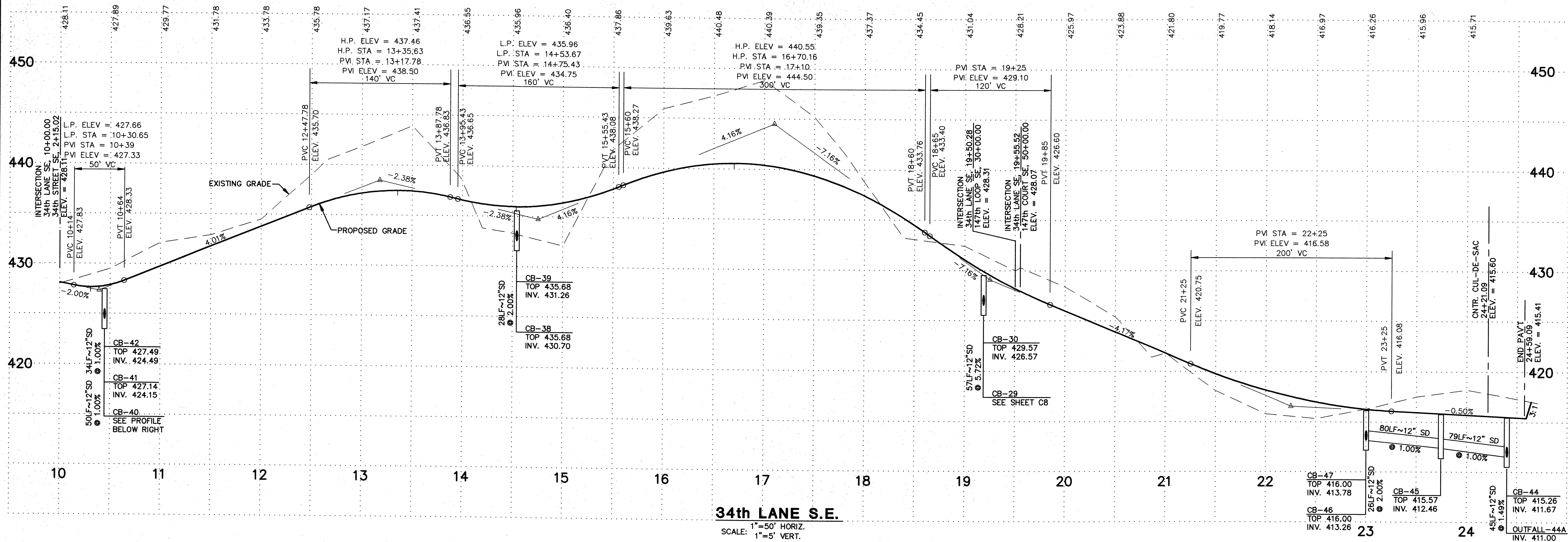
WASHINGTON

GROUP FOUR, Inc.
 16030 JUANITA-WOODVILLE WAY NE
 BOTHELL WASHINGTON 98011
 (206)775-4581 • (206)382-4244 • FAX (206)382-3819
 SURVEYING ENGINEERING PLANNING MANAGEMENT

DRAWN BY: RCA/MCH CHECKED BY: APPROVED BY: DATE: JRV

SHT C6 OF 13
 JOB NO:95-8013

AUG - 1 1995



NOTE:
 THE PROFILES DEPICT THE PROPOSED STORMWATER UTILITY AS IT RELATES TO THE ROADWAY CENTERLINE. THEREFORE, THE DEPICTED STORM SYSTEM LENGTHS AND GRADES MAY APPEAR DISTORTED.

CALL 48 HOURS BEFORE YOU DIG
 1-800-424-5555

CITY OF MILL CREEK
 APPROVED FOR CONSTRUCTION
 CITY ENGINEER: [Signature] DATE: 3/20/95

STAFFORD HOMES
 APPLETREE PARK
 ROADWAY AND DRAINAGE PROFILES

WASHINGTON

1995

SHT C7 OF 13

JOB NO: 95-8013

STAFFORD GROUP FOUR, Inc.
 16030 JUANITA-WOODINVILLE WAY NE
 BOTHELL, WASHINGTON 98011
 (206) 775-4581 • (206) 362-4244 • FAX (206) 362-3819
 SURVEYING ENGINEERING PLANNING MANAGEMENT

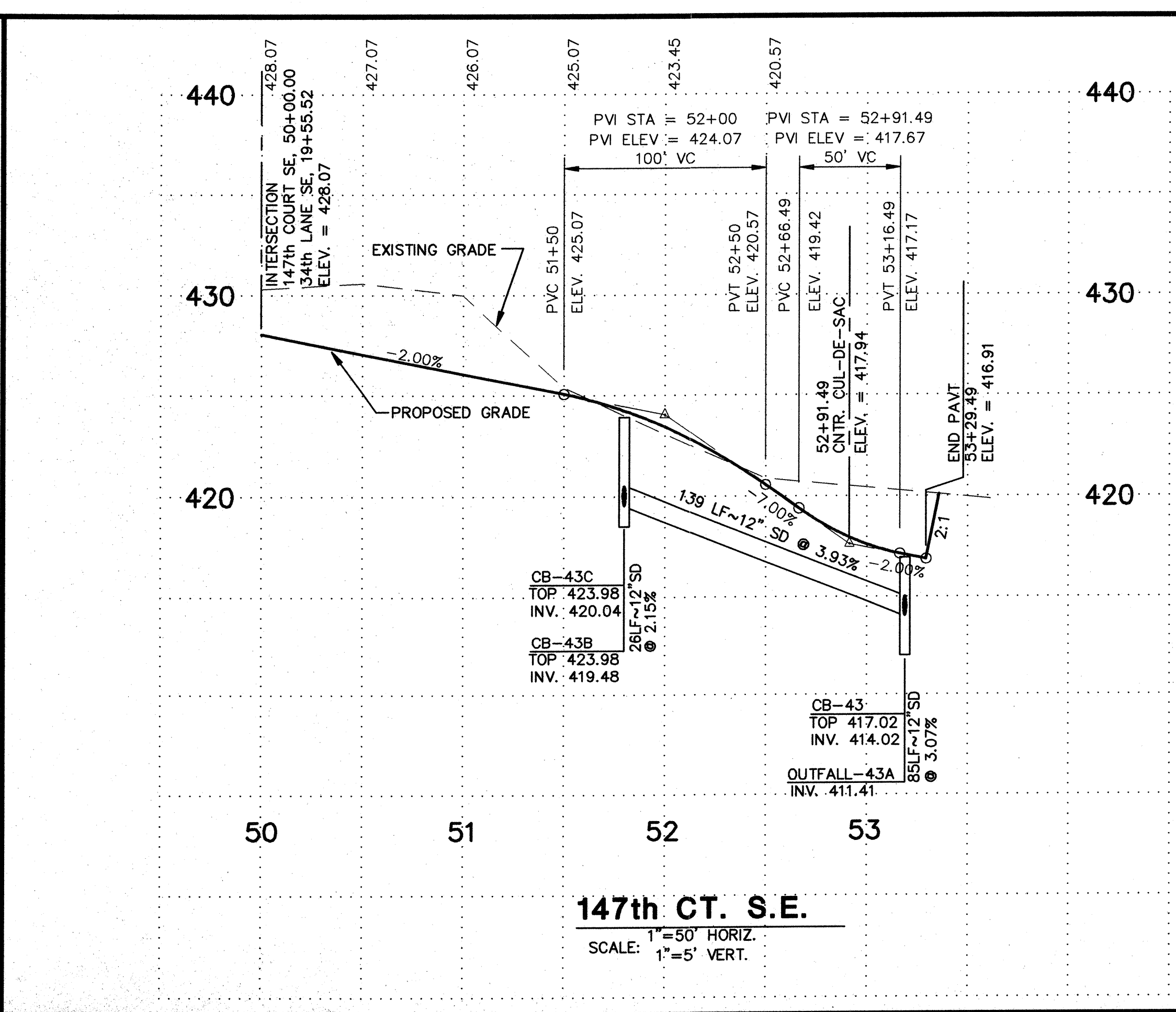
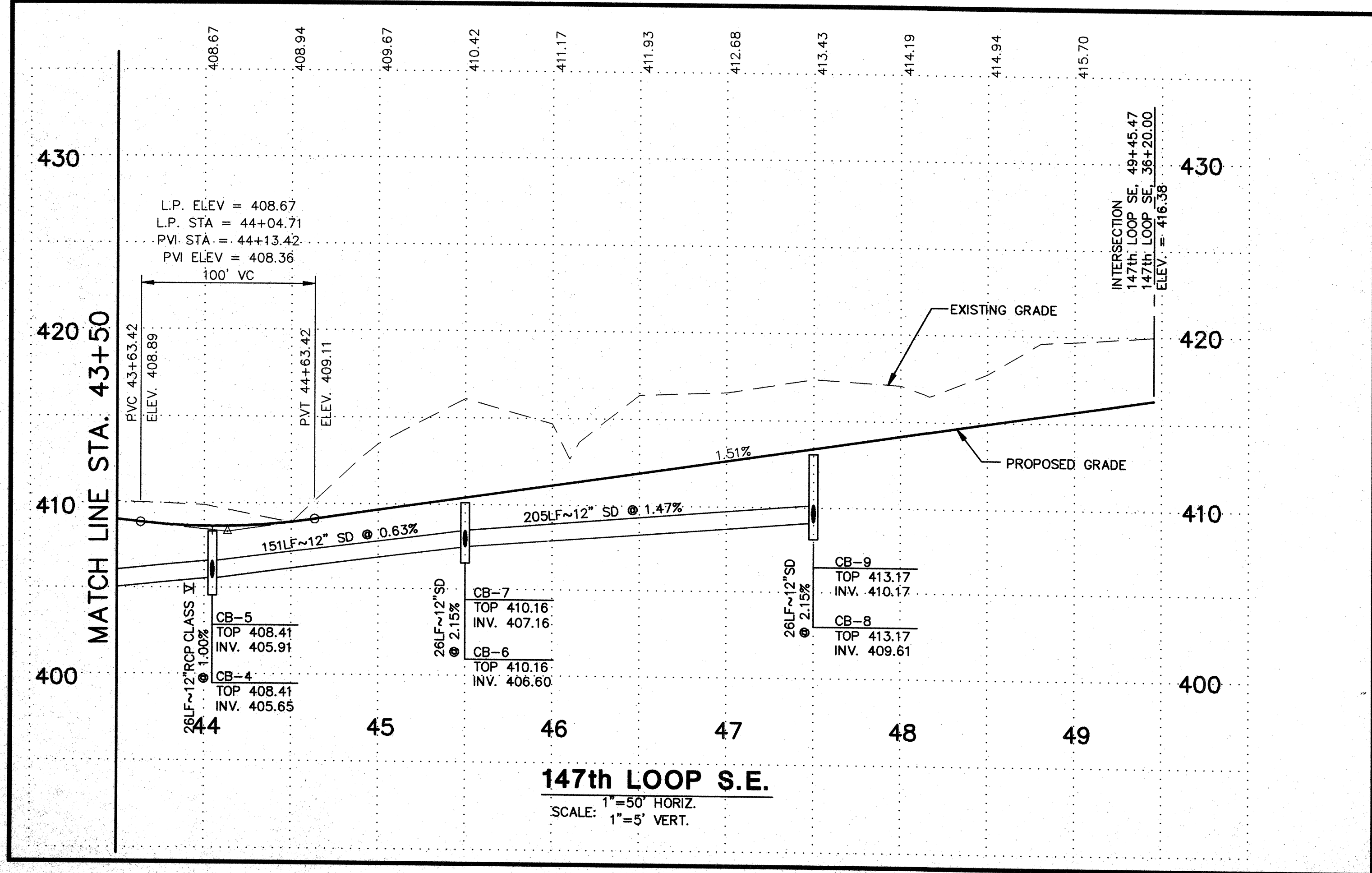
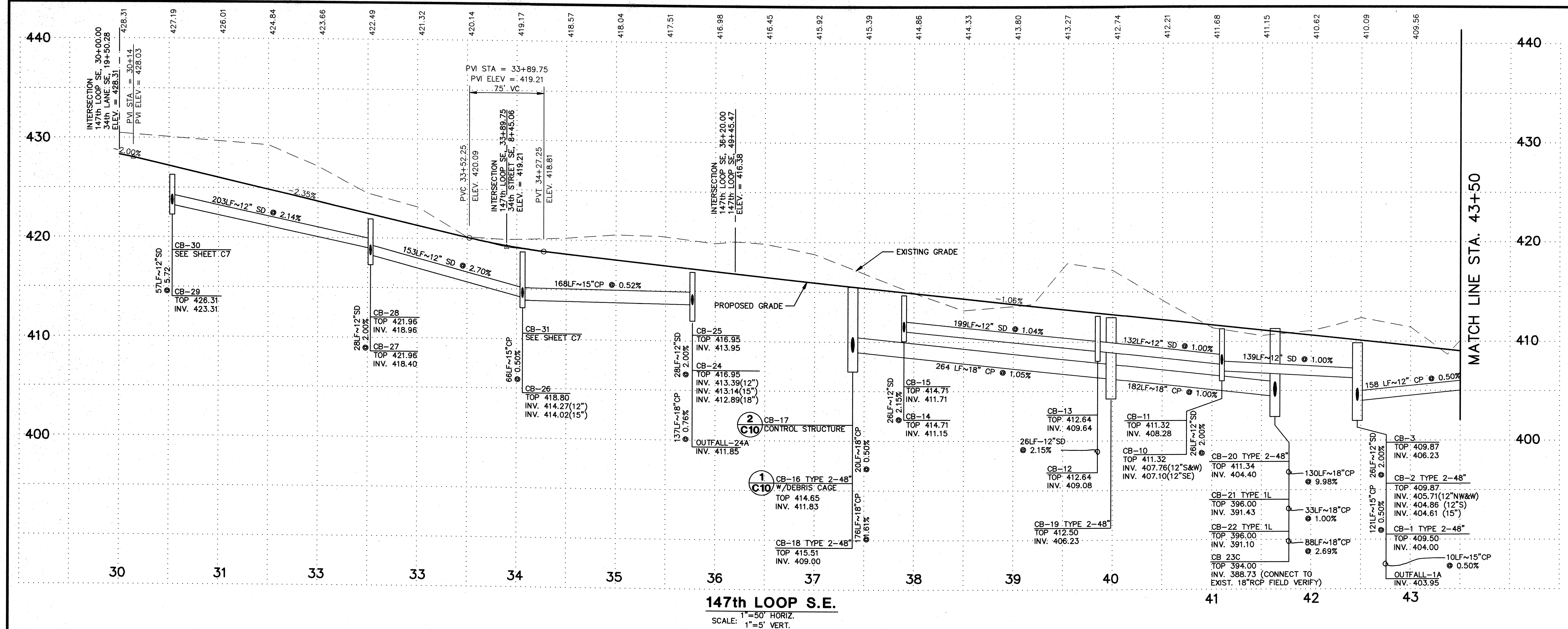
DRAWN BY: RCA
 CHECKED BY: JVR
 APPROVED BY: [Signature]
 DATE: [Blank]

REVISION NO. DATE

1. REVISION PER CITY REVIEW COMMENTS 6-15-95 MCH

2. REVISION PER CITY REVIEW COMMENTS 7-19-95 RCA

EXPIRES: 3-2-2000



NOTE:
THE PROFILES DEPICT THE PROPOSED STORMWATER UTILITY AS IT RELATES TO THE ROADWAY CENTERLINE. THEREFORE, THE DEPICTED STORM SYSTEM LENGTHS AND GRADES MAY APPEAR DISTORTED.

CALL 48 HOURS BEFORE YOU DIG
1-800-424-5555

CITY OF MILL CREEK
APPROVED FOR CONSTRUCTION
[Signature]
CITY ENGINEER
DATE: 3 Aug 98

STAFFORD HOMES
APPLETREE PARK
ROADWAY AND DRAINAGE PROFILES

GROUP FOUR, Inc.
16030 JUANITA-WOODINVILLE WAY NE
BOTHELL, WASHINGTON 98011
(206) 776-4581 • (206) 362-4244 • FAX (206) 362-3819
SURVEYING ENGINEERING PLANNING MANAGEMENT
DRAWN BY: RCA CHECKED BY: JVR APPROVED BY: DATE: DATE:
CITY OF MILL CREEK WASHINGTON

NO. 1
REVISIONS PER CITY REVIEW COMMENTS 6-15-95 MCH

SEAL
JON L. JAMES
REGISTERED PROFESSIONAL ENGINEER
NO. 14175
EXPIRES 12/31/01

SHT C8 OF 13
JOB NO: 95-8013

GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY OF MILL CREEK STANDARDS, AND AMERICAN SPECIFICATIONS AND WASHINGTON STATE DEPARTMENT OF TRANSPORTATION 1994 STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION.
2. ALL WORK WITHIN THE SITE SHALL BE SUBJECT TO THE INSPECTION OF THE CITY.
3. A COPY OF THESE APPROVED PLANS MUST BE ON THE SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
4. BACKFILL TRENCH OF NEW UTILITIES AND STORM DRAINAGE FACILITIES SHALL BE COMPACTED TO 95% MAXIMUM DENSITY (MODIFIED PROCTOR) UNDER ROADWAYS AND 90% MAXIMUM DENSITY (MODIFIED PROCTOR) OFF ROADWAYS, AS SPECIFIED IN SEC. 2-03.3(14)(C) COMPACTING EARTH EMBARKMENTS METHOD B.
5. PRIOR TO BEGINNING ROAD CONSTRUCTION, THE APPLICANT, HIS ENGINEER AND ROAD CONTRACTOR SHALL MEET WITH THE DEPARTMENT OF PUBLIC WORKS FOR A PRE-CONSTRUCTION MEETING.
6. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. UTILITIES SHOWN HERE ARE FOR THE PURPOSES OF ASSISTING THE CONTRACTOR IN LOCATING SAID UTILITIES. CONTRACTOR SHALL CONTACT UNDERGROUND UTILITIES LOCATION CENTER (1-800-424-5555) 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION AND OBTAIN ON-SITE UTILITIES LOCATIONS.
7. THE CONTRACTOR SHALL COMPLY WITH ALL OTHER NECESSARY PERMITS AND REQUIREMENTS BY THE CITY OF MILL CREEK GOVERNING AUTHORITY/AGENCY.
8. SPECIAL STRUCTURES (RISES, TRASH RACKS, ETC.) SHALL BE INSTALLED PER PLAN AND FOLLOWING MANUFACTURES RECOMMENDATIONS.

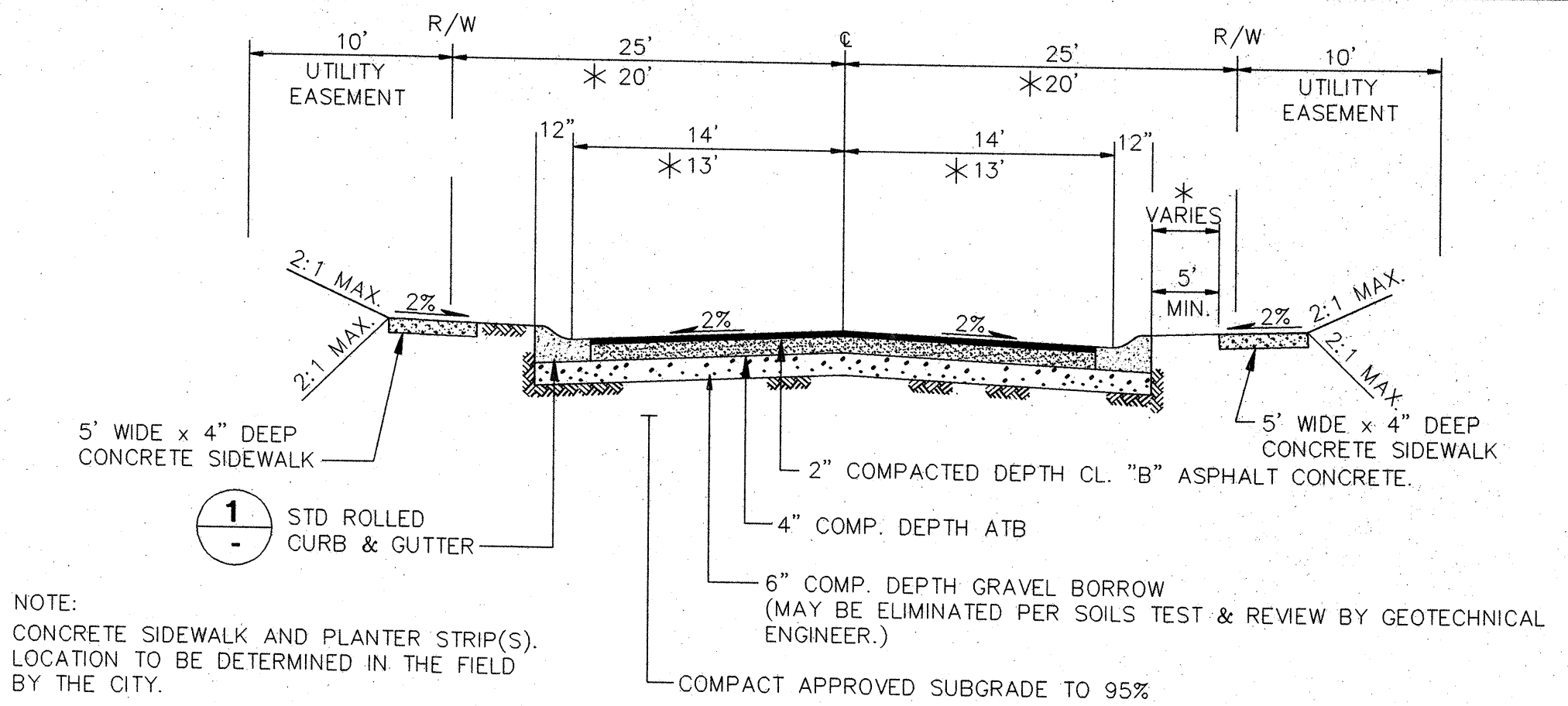
STORM DRAINAGE NOTES

1. ALL PIPE SHALL BE PLACED ON STABLE EARTH, OR IF IN THE OPINION OF THE CITY INSPECTOR, THE EXISTING FOUNDATION IS UNSATISFACTORY, THEN IT SHALL BE EXCAVATED BELOW GRADE AND BACK FILLED WITH A GRAVEL MATERIAL TO SUPPORT THE PIPE.
 2. 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 TRENCH. MATERIALS TO COMPLETE THE FILL OVER PIPE SHALL BE THE SAME AS DESCRIBED. (REFER TO SPECIFICATION 2-03.3(14)(C, METHOD b & c.)
 3. ALL CATCH BASINS TO BE TYPE 1 UNLESS OTHERWISE NOTED.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL MANHOLE, INLETS, AND CATCH BASIN FRAMES AND GRATES JUST PRIOR TO POURING OF CURBS AND PAVING.
 5. ALL CATCH BASINS WITH A DEPTH OVER 5.0 FEET TO THE FLOW LINE SHALL BE A TYPE 2 CB (MANHOLE).
 6. ALL TYPE 2 CATCH BASIN MANHOLES AND ALL INLET AND CATCH BASINS OUTSIDE OF PUBLIC R/W SHALL HAVE LOCKING LIDS.
 7. STANDARD LADDER STEPS SHALL BE PROVIDED IN ALL CATCH BASINS/MANHOLES EXCEEDING 5 FEET IN DEPTH.
 8. CATCH BASIN FRAME AND GRATES SHALL BE OLYMPIC FOUNDRY MODEL 5435, 5435A, OR 50503A. MODEL 5435A IS REFERRED TO AS A "THROUGH CURB INLET" ON THE PLAN. ALL SHALL BE VANE GRATE (EXCEPT WHERE STATED OTHERWISE ON THE PLAN), EXCEPT AT "THRU CURB" WHICH SHALL BE HERRINGBONE.
 9. PRIOR TO SIDEWALK CONSTRUCTION, CONSTRUCT THE LOT DRAINAGE AND STUB OUTS AND/OR BEHIND SIDEWALK DRAINS TO DRAIN THE LOW POINT OF EACH LOT AS REQUIRED. STUB OUTS SHALL BE MARKED WITH STAKE AND LABELED "STORM".
 10. STORM WATER RETENTION/DETENTION FACILITIES, STORM DRAINAGE PIPE AND CATCH BASINS SHALL BE FLUSHED AND CLEANED PRIOR TO ACCEPTANCE.
 11. PIPE SPECIFICATIONS: PIPE MATERIAL, JOINTS AND PROTECTIVE TREATMENT SHALL BE IN ACCORDANCE WITH WSDOT/APWA STANDARD SPECIFICATIONS SEC. 9.05 AND AASHTO AND ASTM DESIGNATIONS AS NOTED BELOW.
- MATERIALS ALLOWED FOR STORM DRAIN LINES:
- PLAIN CONCRETE PIPE (CP)
 - REINFORCED CONCRETE PIPE (RCP)
 - ALUMINUM SPIRAL RIB PIPE (ASRP)
- ALLOWABLE JOINTS:
- CONCRETE PIPE SHALL BE RUBBER GASKETED
 - SPIRAL RIB PIPE SHALL BE "HAT BANDED" WITH NEOPRENE GASKETS

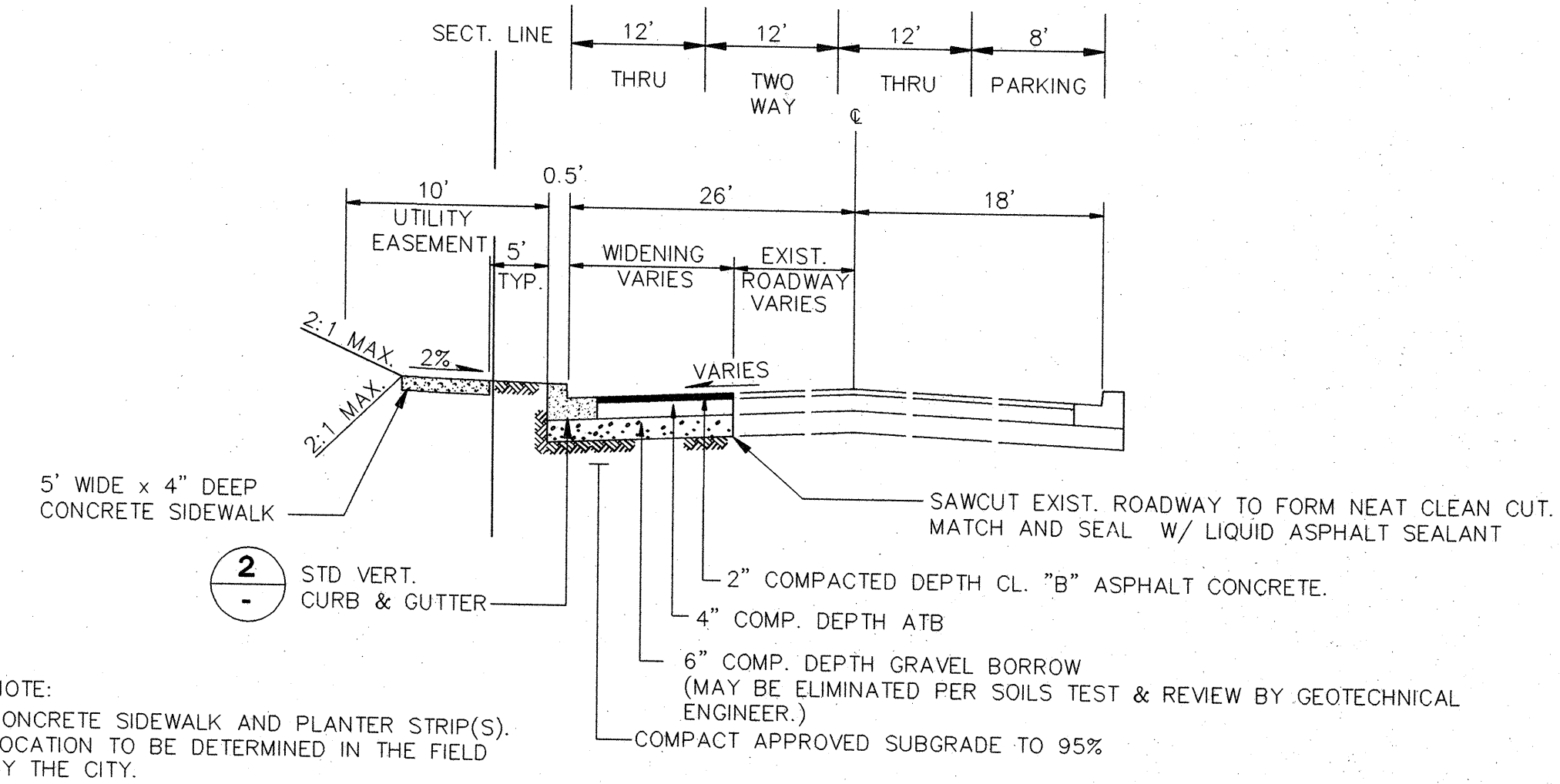
RIPRAP SPECIFICATIONS

RIPRAP SHALL BE IN ACCORDANCE WITH SECTION 9-13.1 OF THE WSDOT/APWA STANDARD SPECIFICATIONS.
RIPRAP TO BE REASONABLY WELL GRADED WITH ROCK GRADATION AS FOLLOWS:

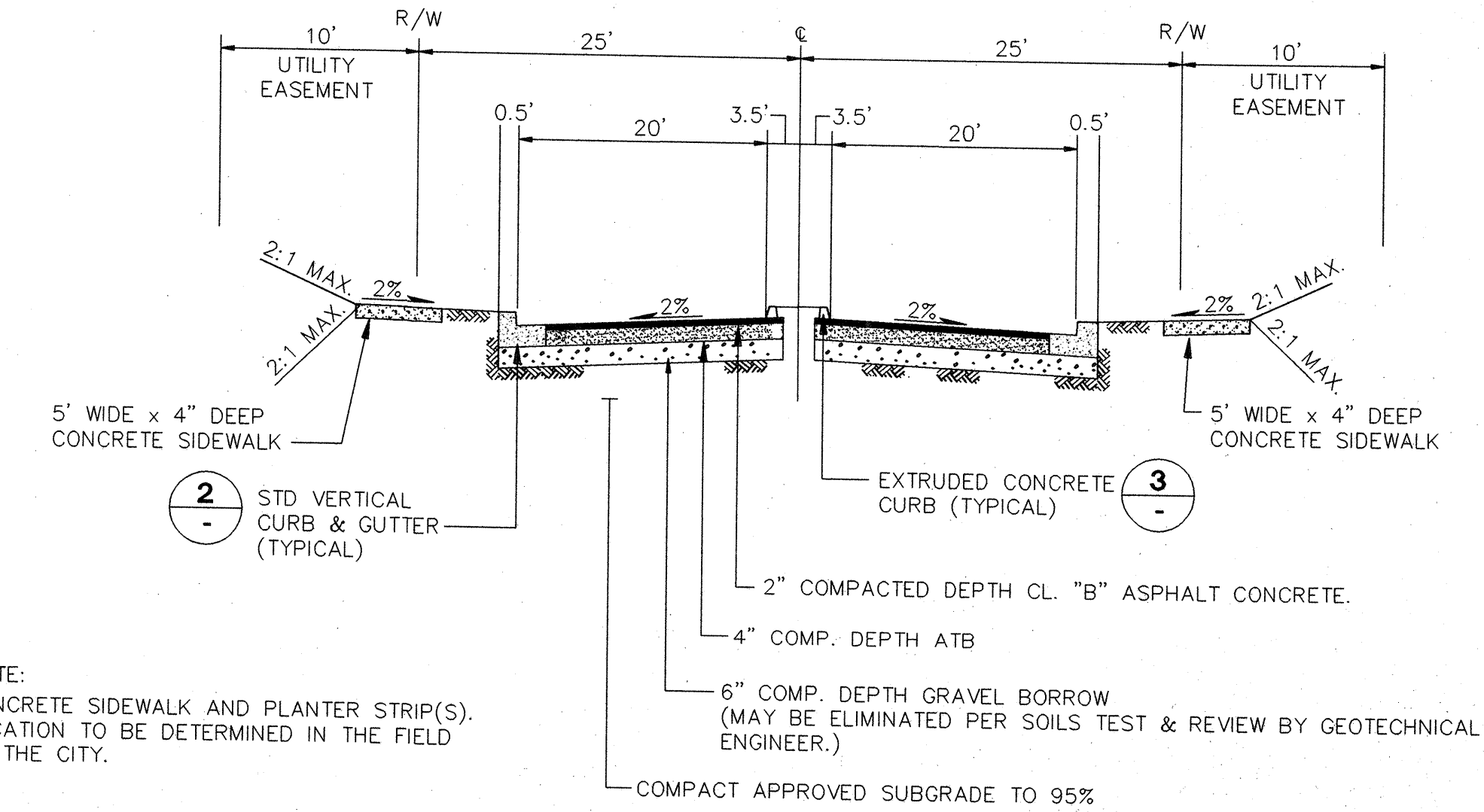
- PASSING 8" SQUARE SIEVE 100% OR MAXIMUM STONE SIZE 8".
- PASSING 6" SQUARE SIEVE 40-60% OR MEDIUM STONE SIZE 6".
- PASSING 2" SQUARE SIEVE 0-10% OR MINIMUM STONE SIZE 2".



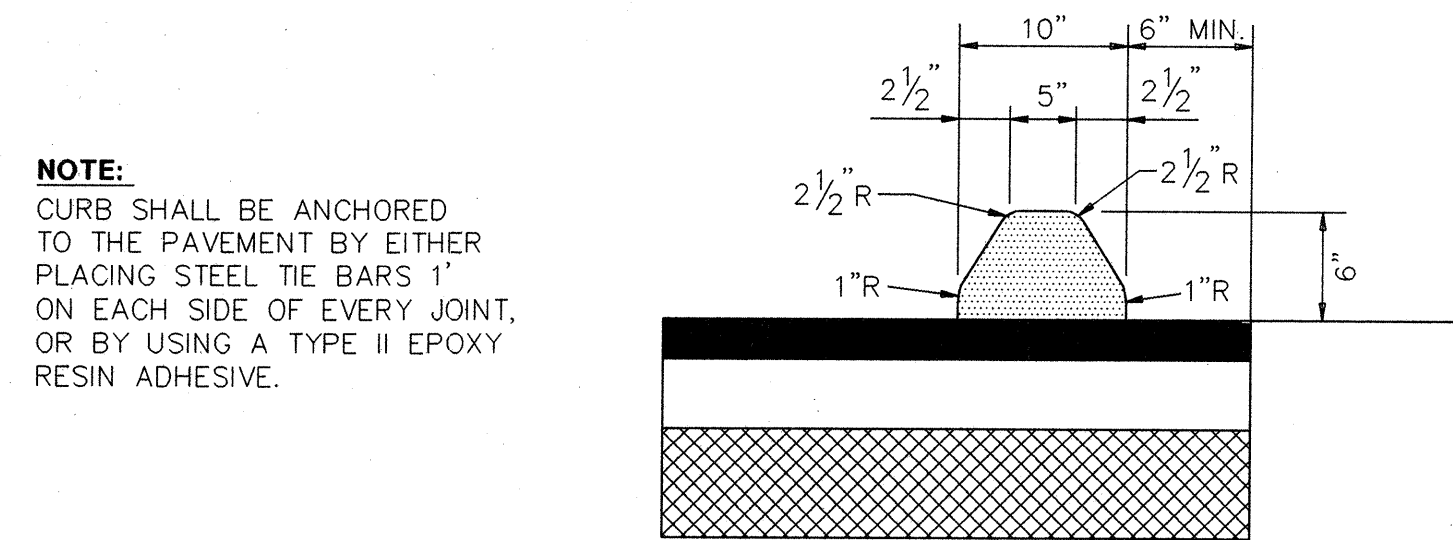
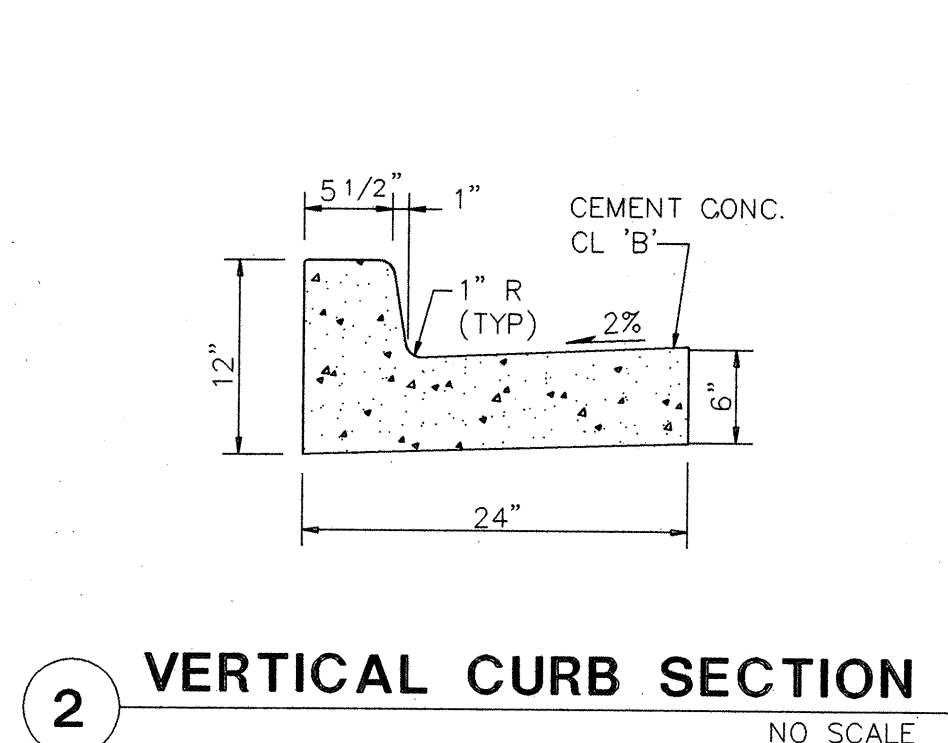
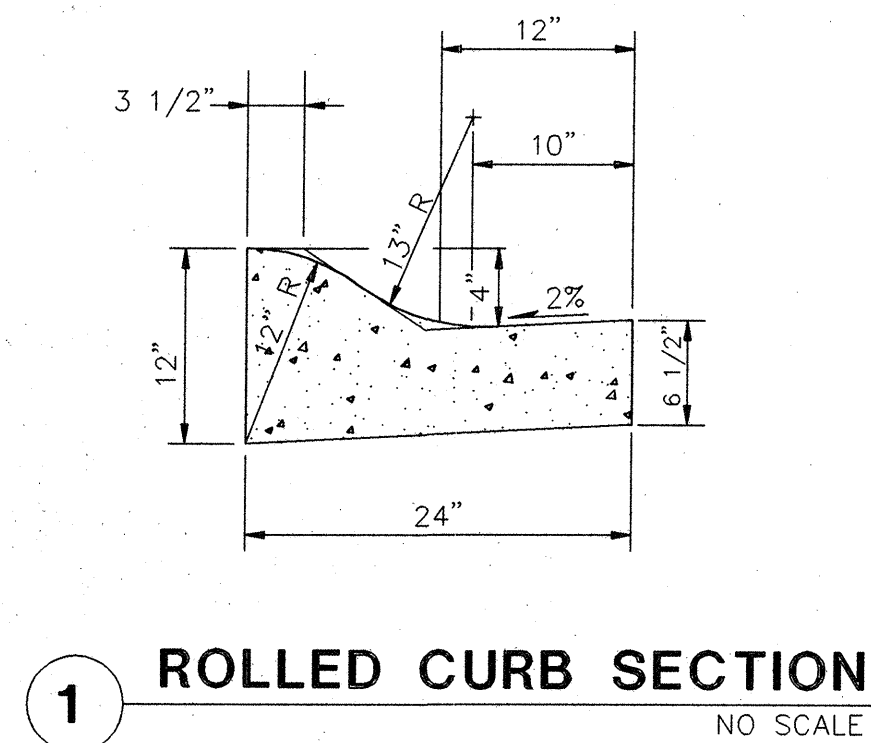
A TYPICAL ROADWAY SECTION
50' R/W 147th LOOP SE (30+00 to 36+61.39) 40' R/W 147th LOOP SE (37+52.96 to 49+45.47)
34th ST. SE 147th CT. SE
34th LANE SE (10+00 to 19+50.28) 34th LANE SE (19+55.52 to 24+21.09)
NO SCALE



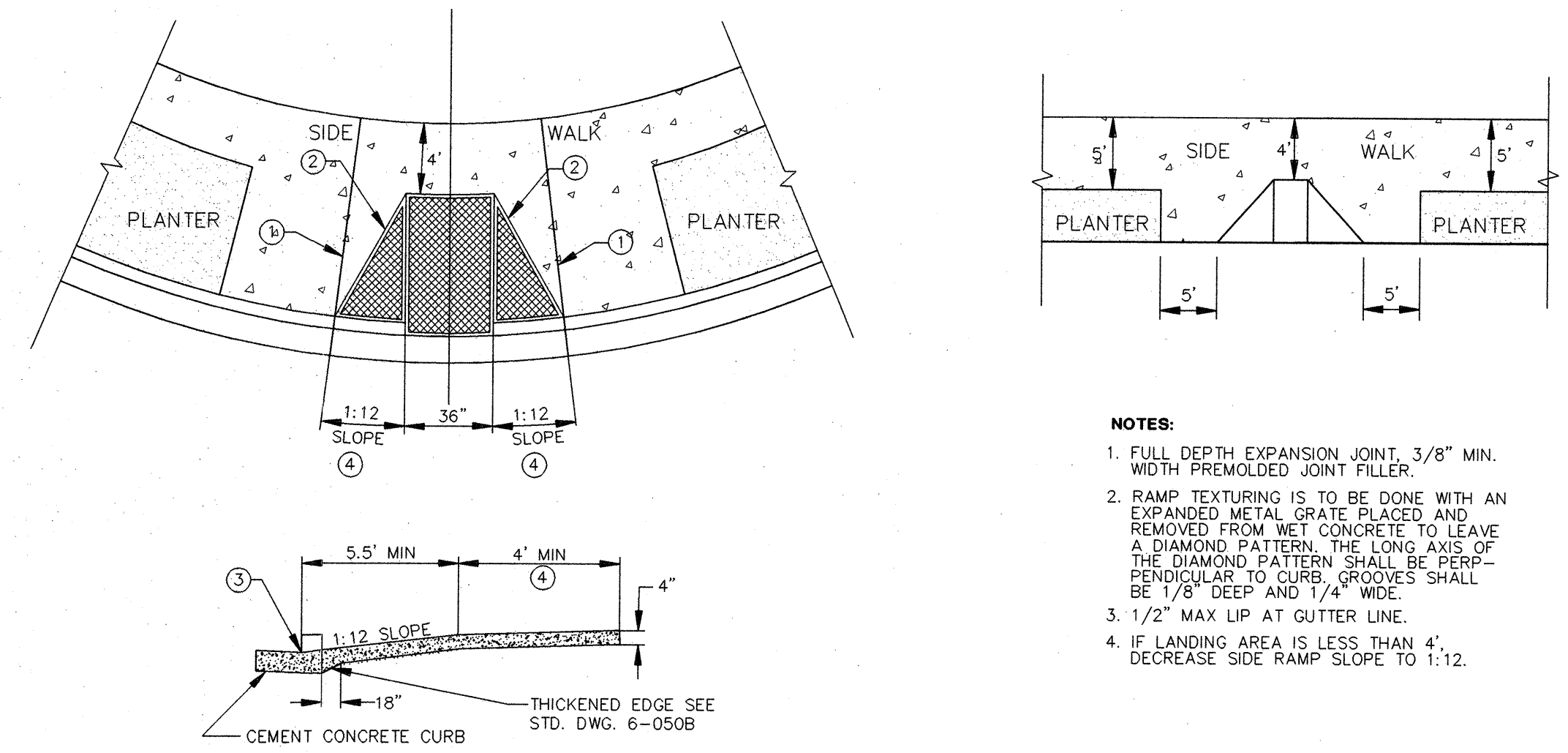
B TYPICAL ROADWAY SECTION
148th STREET S.E.
NO SCALE



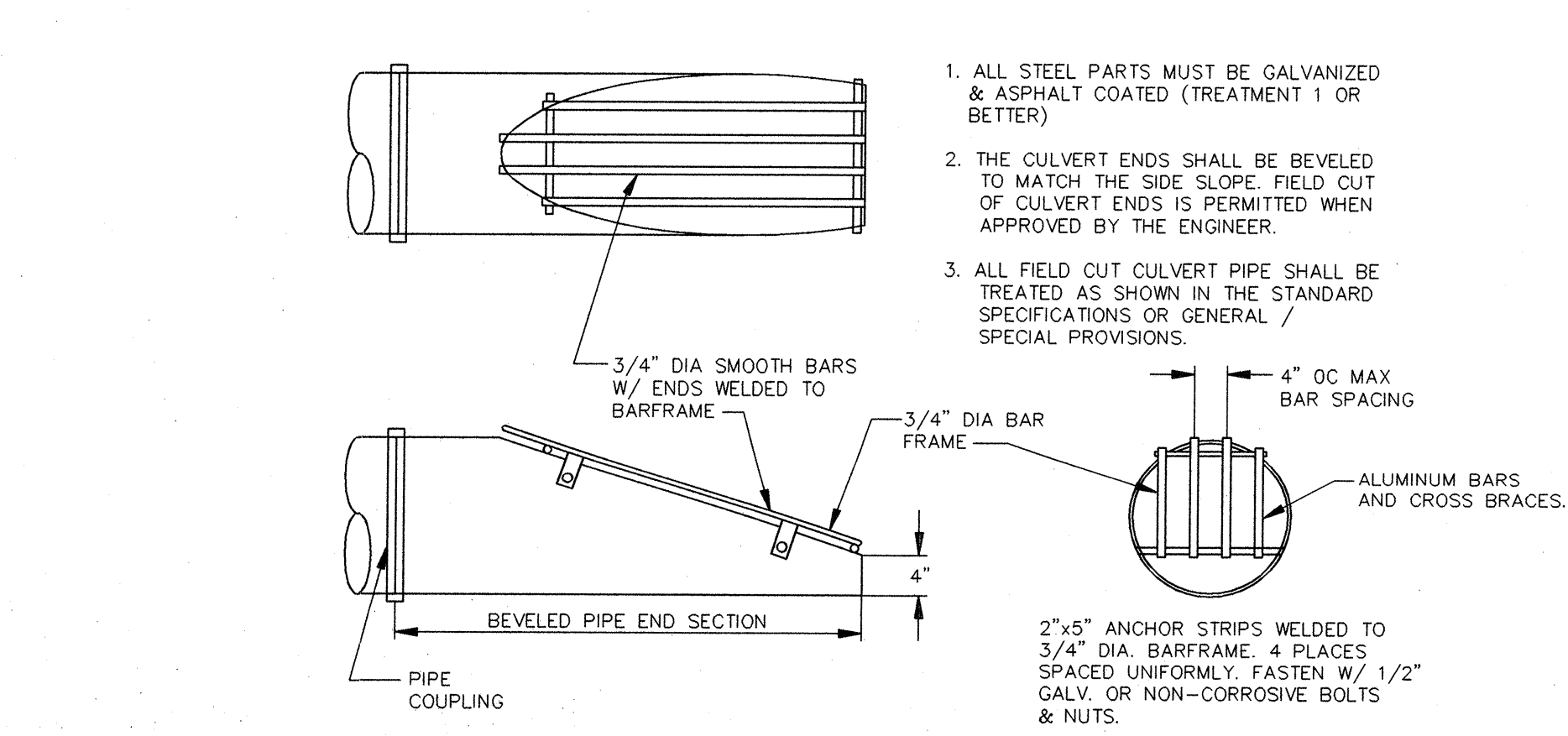
C TYPICAL ROADWAY SECTION
34th STREET S.E. ENTRANCE
NO SCALE



3 EXTRUDED CONCRETE CURB DETAIL
NO SCALE



4 TYPE B CURB RAMP
NO SCALE



5 TRASH RACK DETAIL
NO SCALE

CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555

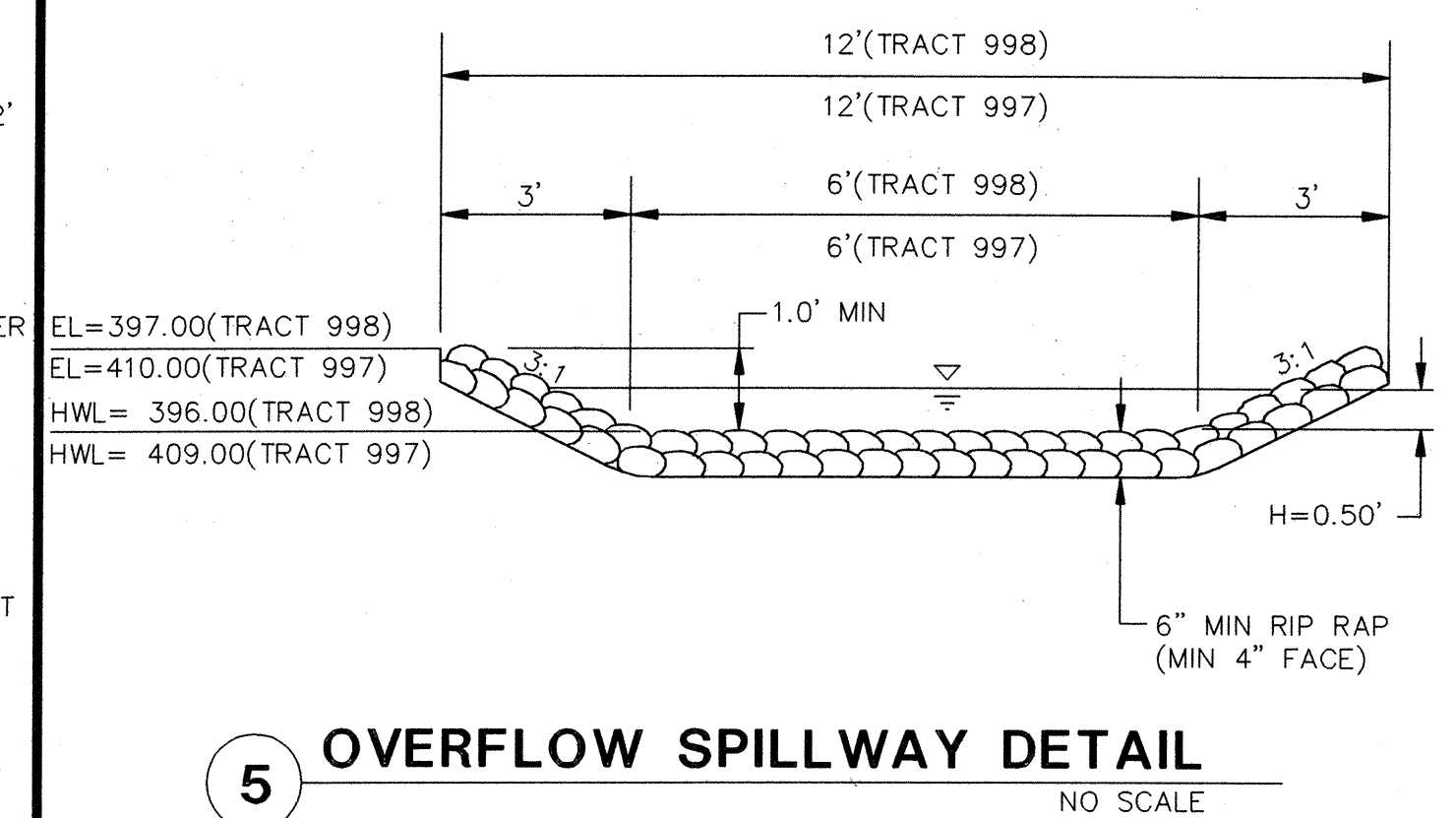
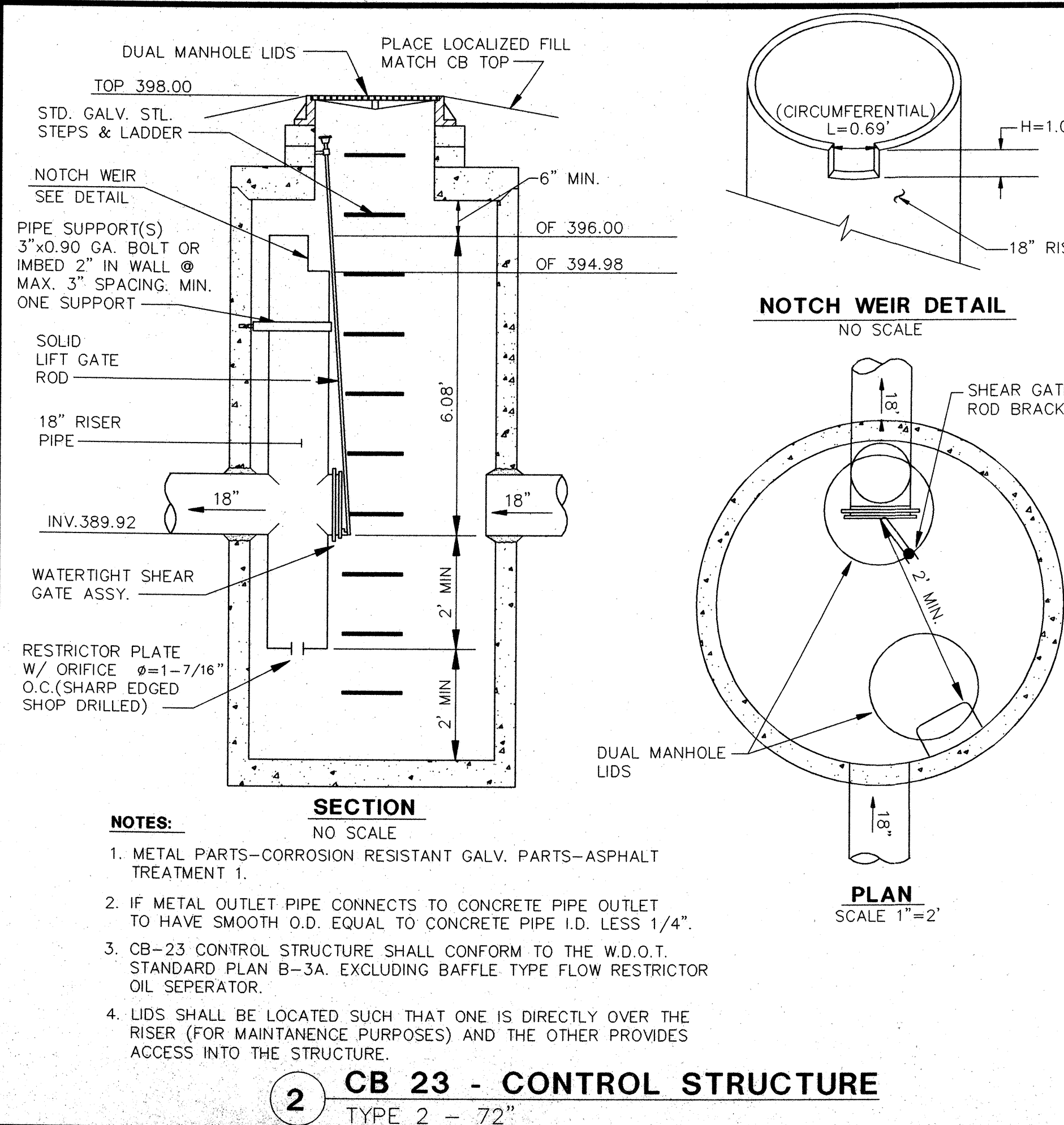
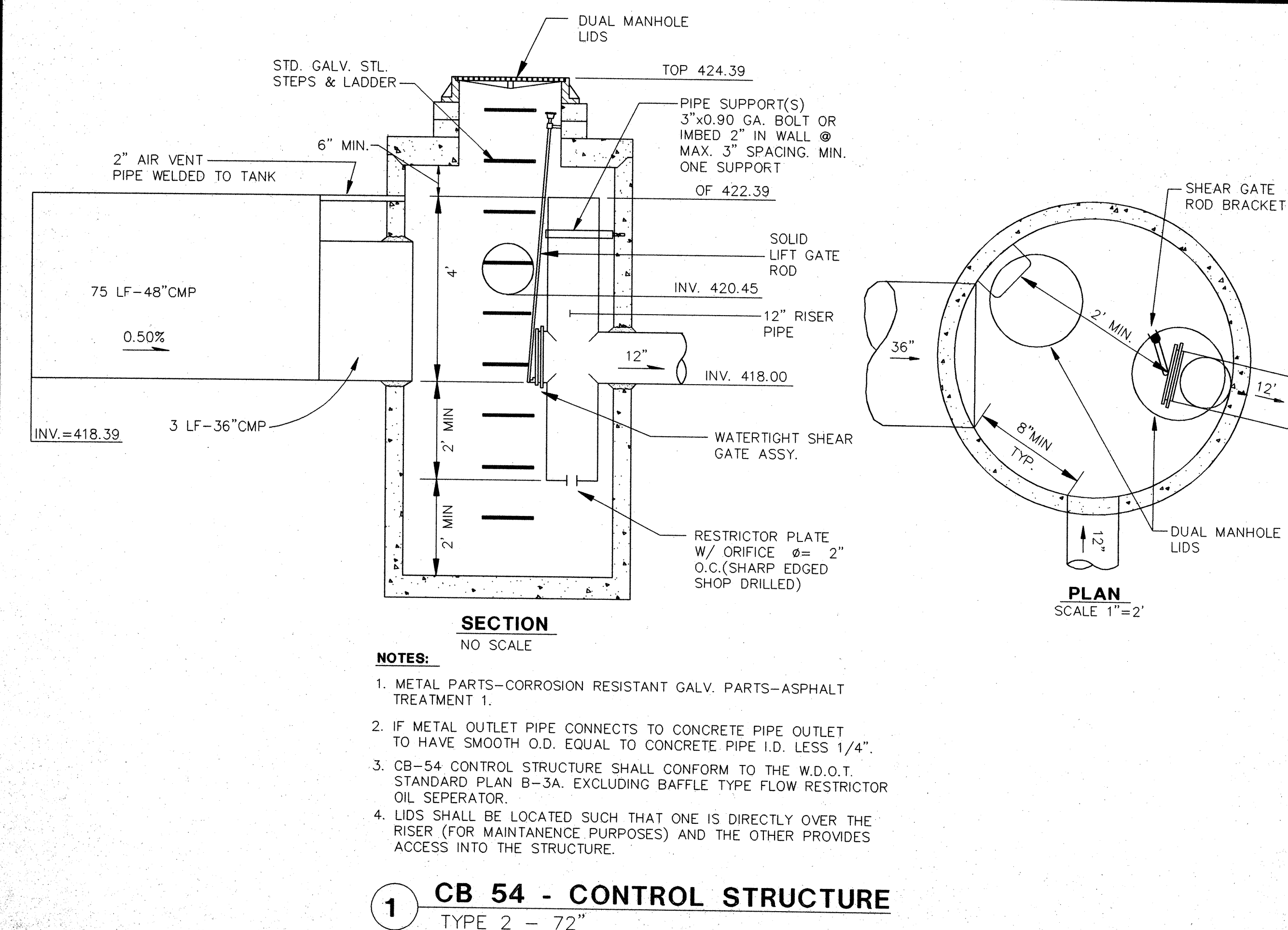
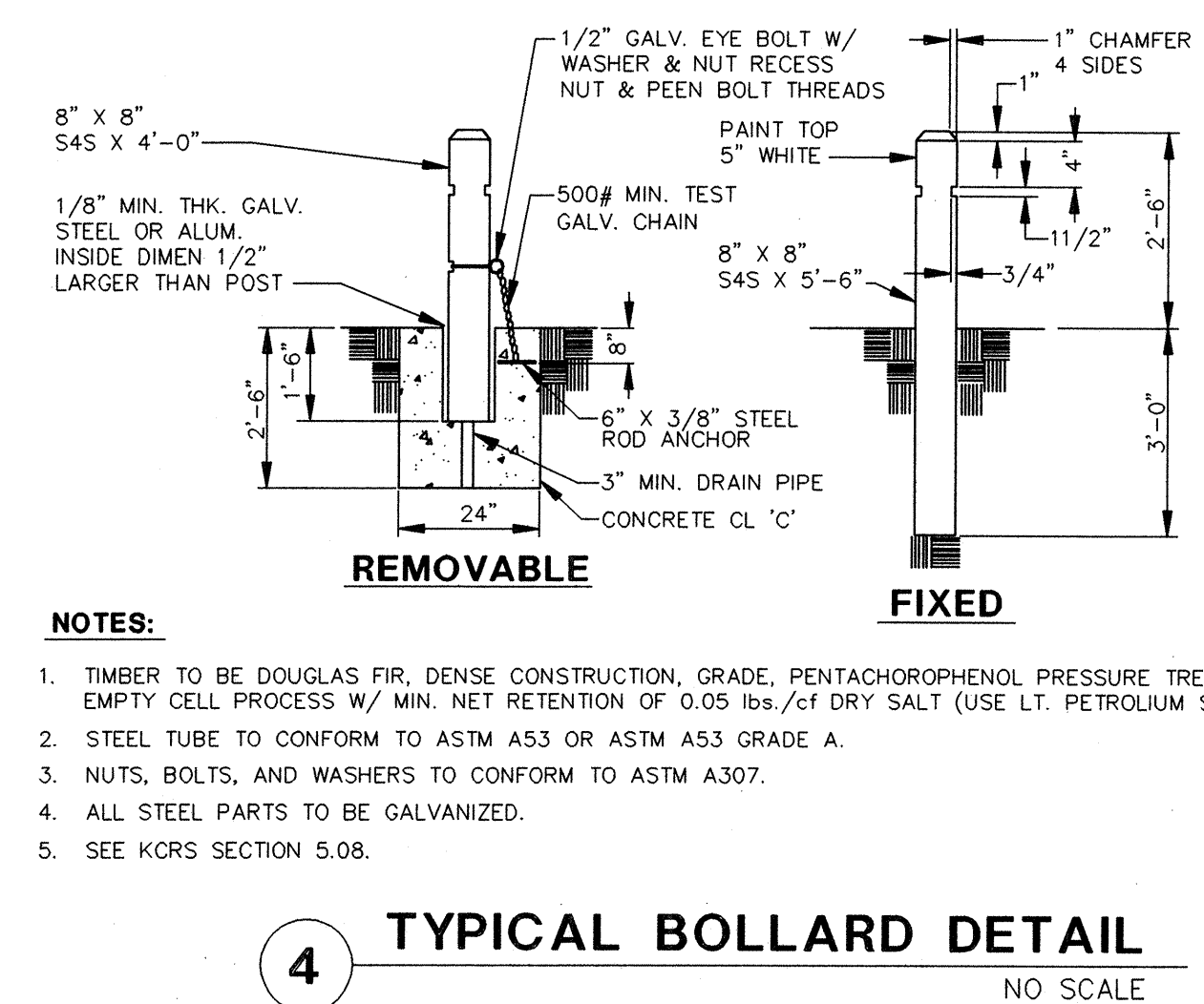
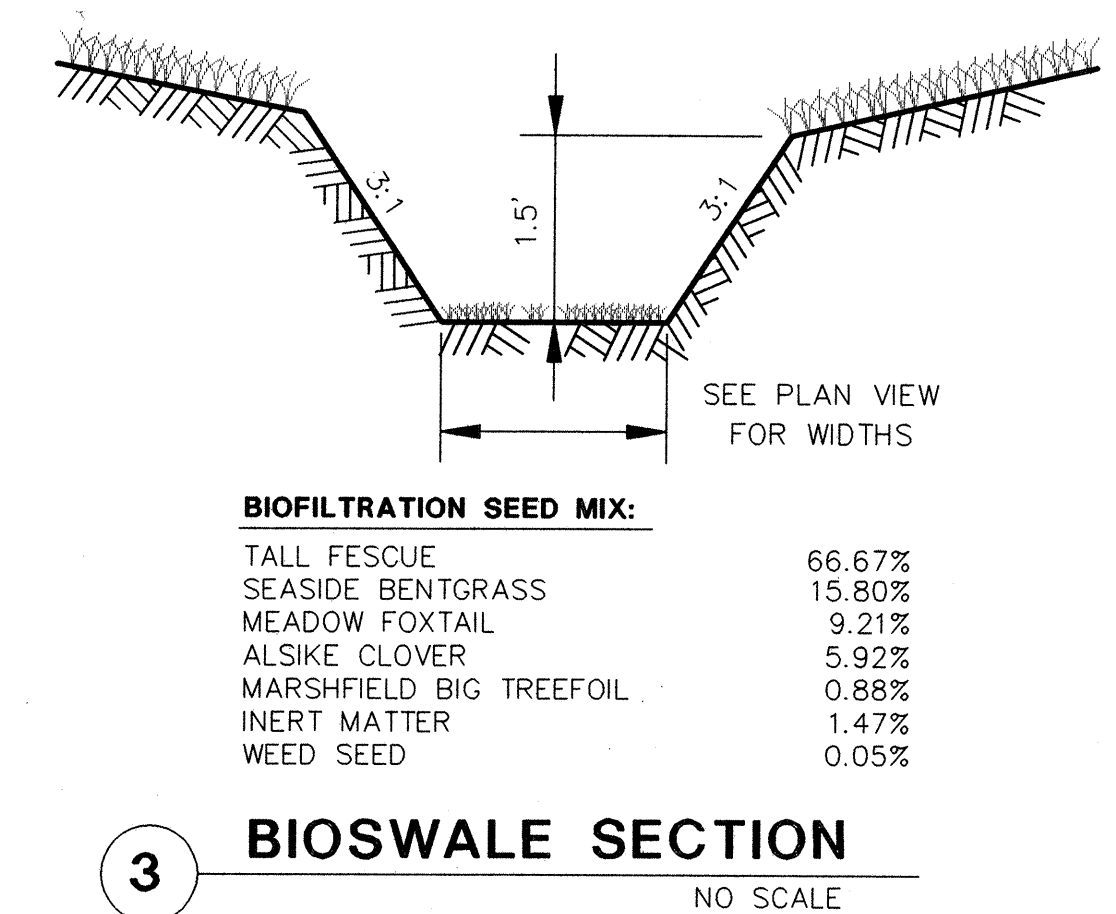
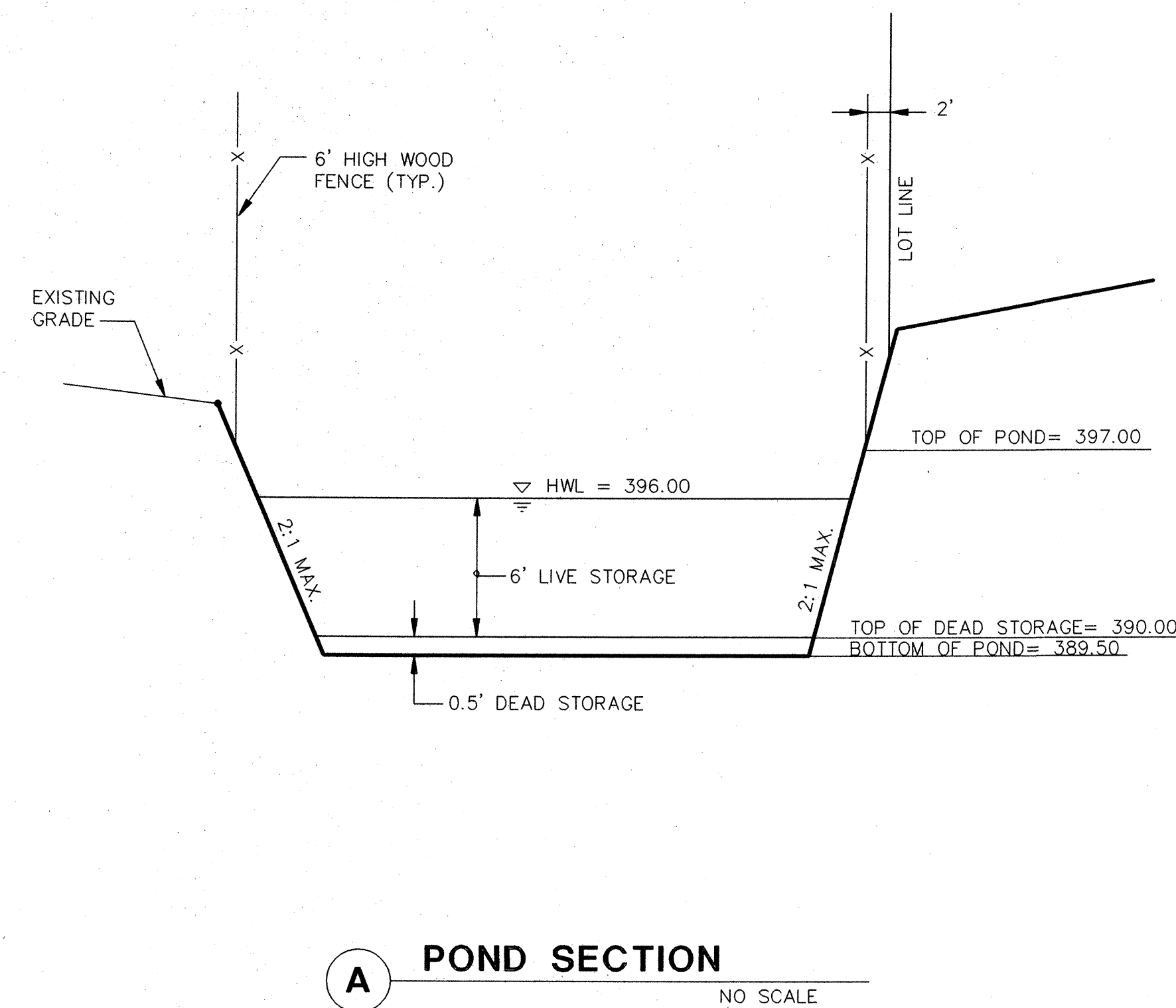
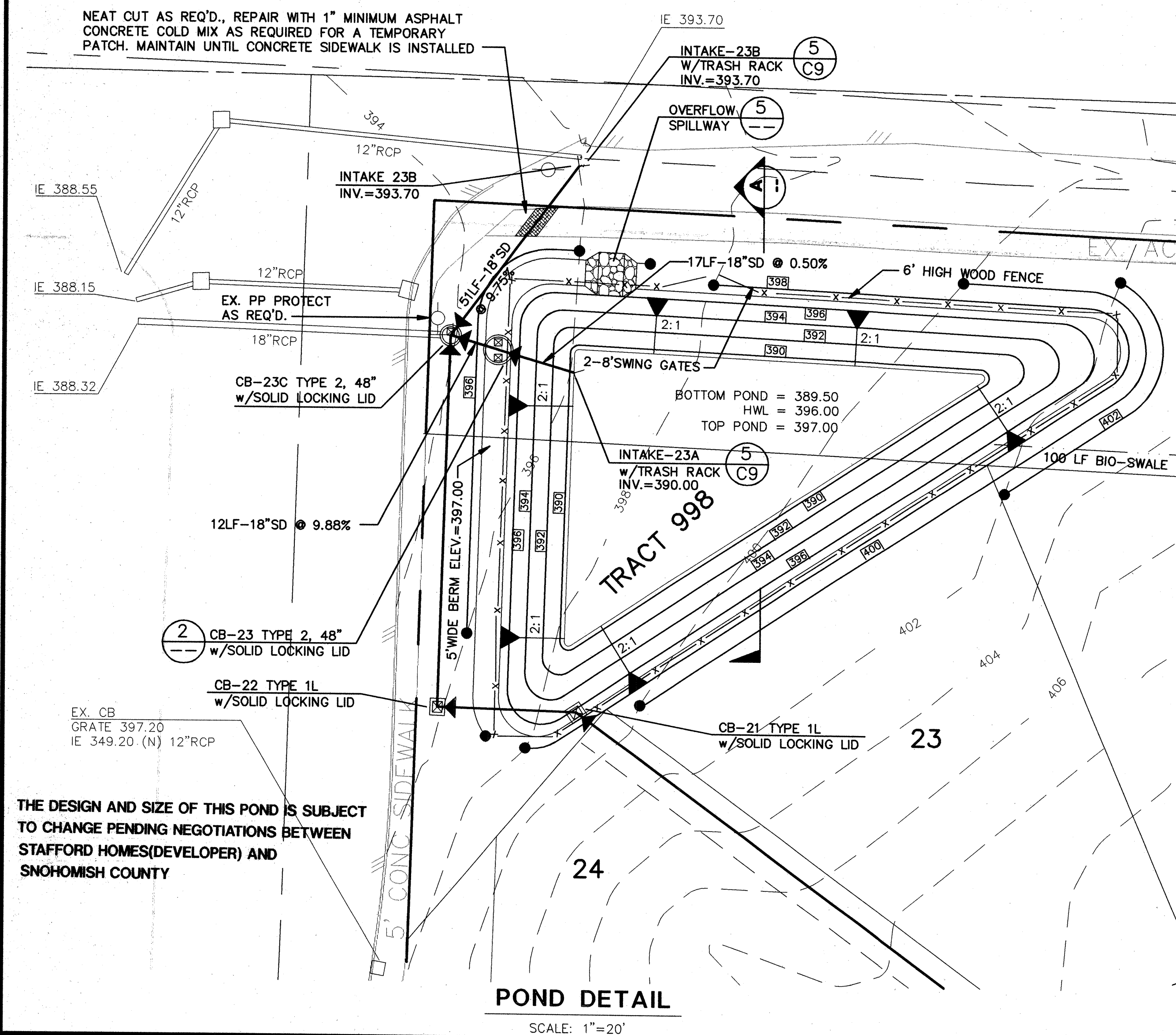
CITY OF MILL CREEK
APPROVED FOR CONSTRUCTION
DATE: 3 Aug 95
CITY ENGINEER

GROUP FOUR, Inc.
16030 JUANITA-WOODVILLE WAY NE
BOTHELL, WASHINGTON 98011
(206) 362-4244 * FAX (206) 362-3819
SURVEYING ENGINEERING PLANNING MANAGEMENT
DRAWN BY: MCH CHECKED BY: DATE: 4/95
APPROVED BY: DATE:

STAFFORD HOMES
APPLETREE PARK
ROADWAY AND DRAINAGE
NOTES AND DETAILS

CITY OF MILL CREEK
WASHINGTON

AUG - 7 1995
SHT C9 OF 13
JOB NO: 95-8013



**CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555**

CITY OF MILL CREEK
APPROVED FOR CONSTRUCTION

 3 Aug 75

CITY ENGINEER DATE

**STAFFORD HOMES
APPLETREE PARK
BROADWAY AND DRAINAGE DETAILS**

G4 GROUP FOUR, Inc.
16030 JUANITA-WOODINVILLE WAY NE
BOTHELL, WASHINGTON 98011
206/775-4581 * (206)362-4244 * FAX(206)362-3819

NO.	REVISION	DATE	BY
1.	REVISIONS PER CITY REVIEW COMMENTS	6/15/95	MCH
2.	REVISIONS PER CITY REVIEW COMMENTS	7/19/95	MCH

CITY OF MILL CREEK

SHT C11 OF 13

MOB NO:95-8013

NOTES:

1. "SD" INDICATES ANY OF THE FOLLOWING:

- DUCTILE IRON (WATER SUPPLY, CLASS 50 OR 52)
- REINFORCED CONCRETE PIPE
- CORRUGATED ALUMINUM PIPE
- ALUMINUM SPIRAL RIB PIPE

- CORRUGATED HIGH DENSITY POLYETHYLENE PIPE (CPEP)-SMOOTH INTERIOR, TYPE 111, CATEGORY 4 OR 5, GRADE P33 OR P34, CLASS C PER ASTM D1248, AND AASHTO M294. THIS CAN ONLY BE INSTALLED WITH A FULL TIME ON SITE INSPECTOR.

- POLYVINYL CHLORIDE (PVC) SEWER PIPE SDR 35, ASTM D3034, IS ALLOWED FOR ROOF AND FOOTING COLLECTION ONLY.

2. A COORDINATE LISTING, OR EQUAL, OF THE PROVIDED DRAINAGE STRUCTURE LOCATIONS IS AVAILABLE AT GROUP FOUR, INC.

3. ALL NECESSARY OFF-SITE CONSTRUCTION ESMT'S AND PERMITS SHALL BE OBTAINED PRIOR TO COMMENCING CONSTRUCTION.

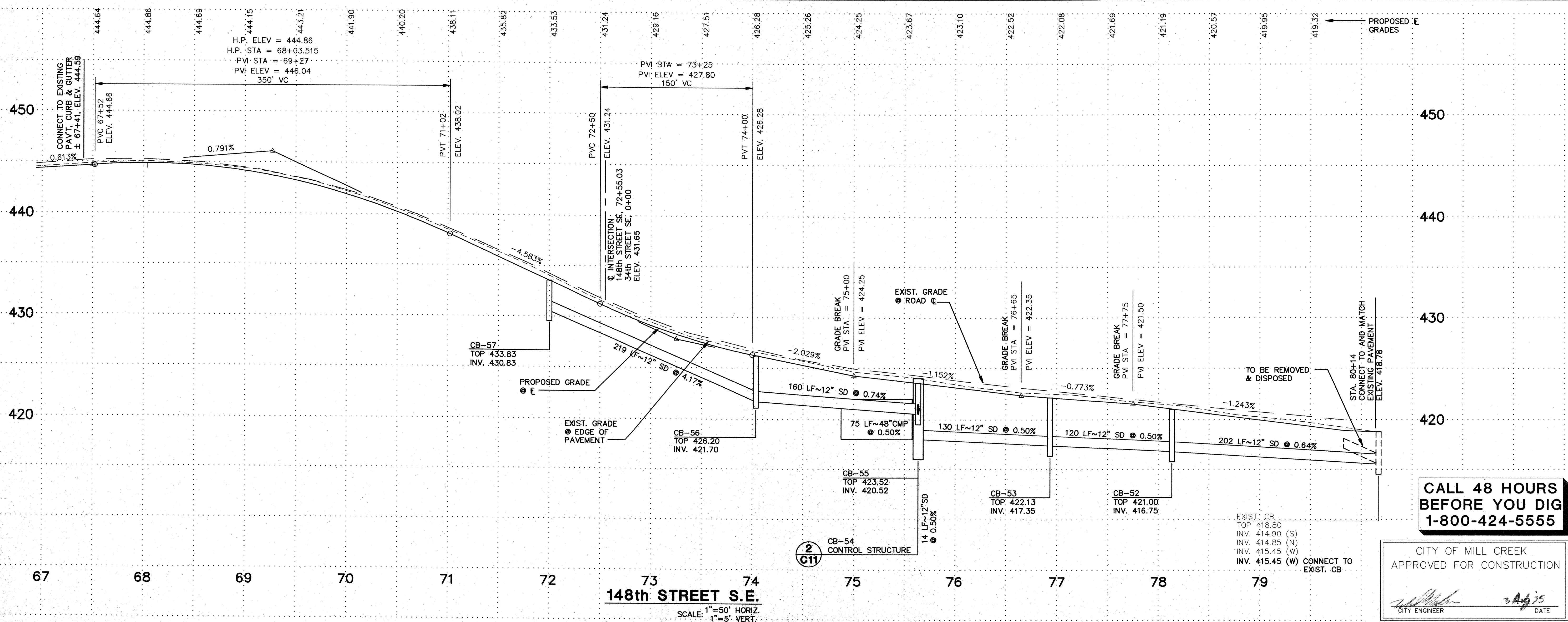
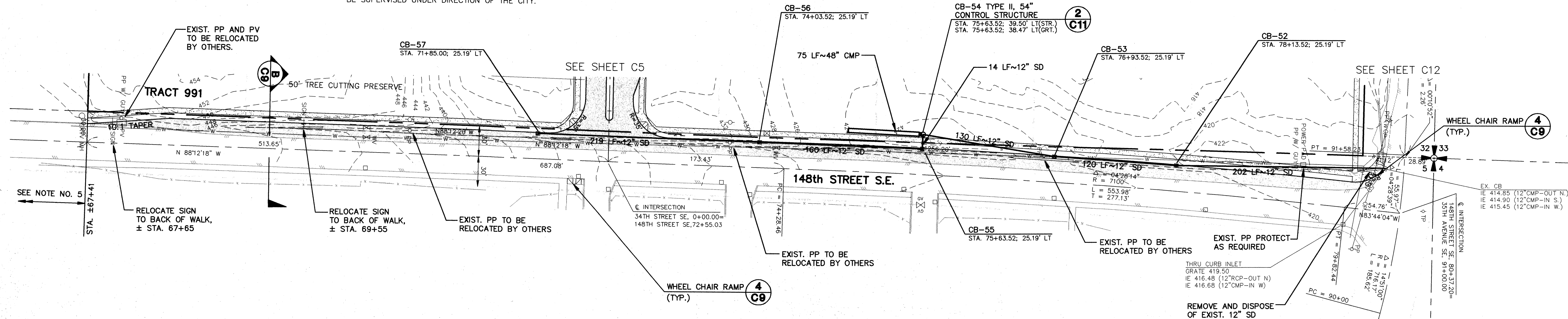
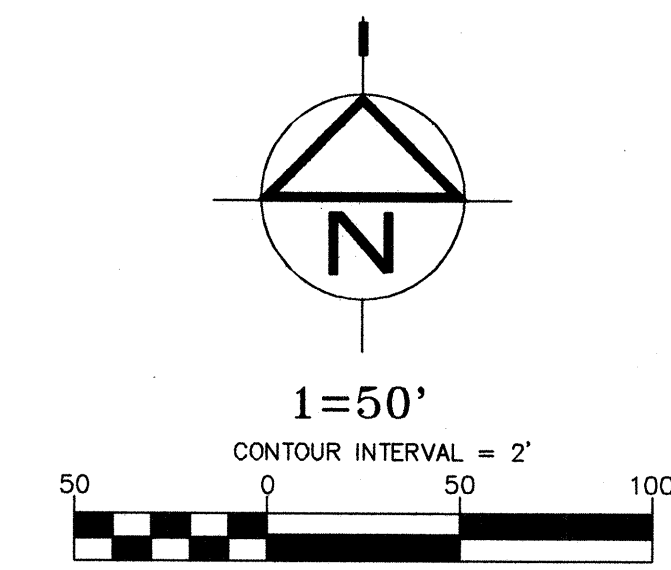
4. "CP" INDICATES ANY OF THE FOLLOWING:
DUCTILE IRON, RCP, CP, CPEP, PVC, AS DESCRIBED ABOVE.

5. SIDEWALK SHALL EXTEND FROM THE S.W. CORNER TO THE WEST, AND CONNECT TO THE EXISTING SIDEWALK, WHICH PRESENTLY TERMINATES ON THE NORTHEASTERN SIDE OF THE 148TH ST SE AND VILLAGE GREEN DRIVE INTERSECTION. THE SIDEWALK SHALL CONSIST OF A MEANDERING 5' WIDE 4" CONCRETE SIDEWALK, ROCKERIES AND SIDE SLOPES OF 2:1 MAX. FOR FILL SLOPES AND 1.5:1 FOR CUT SLOPES SHALL BE EMPLOYED TO MAINTAIN THE SIDEWALK AND ASSOCIATED GRADING WITHIN THE 148TH ST SE RIGHT-OF-WAY. THE EXACT LOCATION OF THE SIDEWALK AND POTENTIAL CONSTRUCTION EASEMENTS, AS WELL AS THE POSSIBLE UTILITY RELOCATION, REPAIR AND RESTORATION ACTIVITY, ETC., SHALL BE SUPERVISED UNDER DIRECTION OF THE CITY.

6. TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE 1994 STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION PUBLISHED BY W.S.D.O.T. AND A.P.W.A. FLAGGERS AND OTHER TRAFFIC CONTROL DEVICES SHALL BE EMPLOYED AS NECESSARY DURING CONSTRUCTION, AND ONE LANE SHALL BE KEPT OPEN AT ALL TIMES ALONG 148TH STREET S.E.

7. ALL DISTURBED OFF-SITE IMPROVEMENTS (FENCES, DRIVEWAYS, ETC.) SHALL BE REPLACED TO THE SATISFACTION OF THE CITY.

SE 1/4, SEC. 32, TWP. 28N., RGE. 5E., W.M.



**CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555**

CITY OF MILL CREEK
APPROVED FOR CONSTRUCTION

CITY ENGINEER
DATE

GROUP FOUR, Inc.
16030 JUANITA-WOODVILLE WAY NE
BOTHELL, WASHINGTON 98011
(206) 775-4581 • (206) 362-4244 • FAX (206) 362-3819
SURVEYING ENGINEERING PLANNING MANAGEMENT
DRAWN BY: RCA/MCH CHECKED BY: APPROVED BY:
DATE: DATE:

STAFFORD HOMES
APPLETREE PARK
148th STREET S.E.
FRONTAGE IMPROVEMENT PLAN
CITY OF MILL CREEK
WASHINGTON

SHT C12 OF 13

JOB NO: 95-8013

BRIGHTON HDEV-083

NOTES:

1. "SD" INDICATES ANY OF THE FOLLOWING:

- DUCTILE IRON (WATER SUPPLY, CLASS 50 OR 52)
- REINFORCED CONCRETE PIPE
- CORRUGATED ALUMINUM PIPE
- ALUMINUM SPIRAL RIB PIPE

- CORRUGATED HIGH DENSITY POLYETHYLENE PIPE OR 5, GRADE P33 OR P34, CLASS C PER ASTM D1248, AND AASHTO M294. THIS CAN ONLY BE (CPEP) - SMOOTH INTERIOR, TYPE 111, CATEGORY 4 INSTALLED WITH A FULL TIME ON SITE INSPECTOR.

- POLYVINYL CHLORIDE (PVC) SEWER PIPE SDR 35, ASTM D3034, IS ALLOWED FOR ROOF AND FOOTING COLLECTION ONLY.

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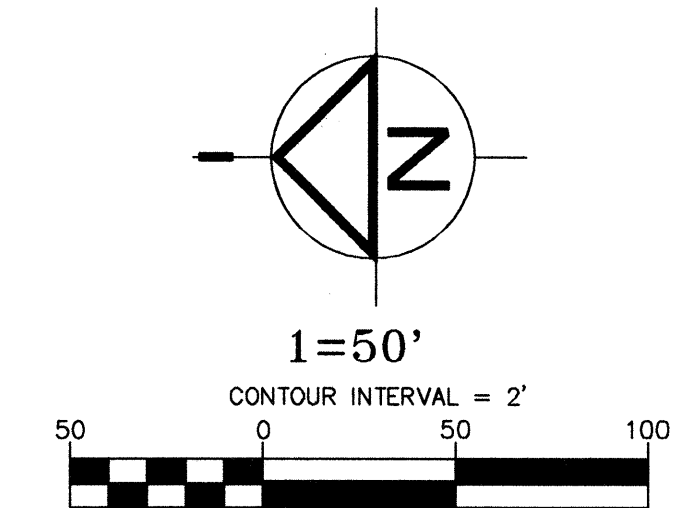
3. ALL NECESSARY OFF-SITE CONSTRUCTION ESMIT'S AND PERMITS SHALL BE OBTAINED PRIOR TO COMMENCING CONSTRUCTION.

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DUCTILE IRON, RCP, CP, CPEP, PVC, AS DESCRIBED ABOVE.

5. TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE 1994 STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION PUBLISHED BY W.S.D.O.T. AND A.P.W.A. FLAGGERS AND OTHER TRAFFIC CONTROL DEVICES SHALL BE EMPLOYED AS NECESSARY DURING CONSTRUCTION, AND ONE LANE SHALL BE KEPT OPEN AT ALL TIMES ALONG 35th AVENUE S.E.

6. ALL DISTURBED OFF-SITE IMPROVEMENTS (FENCES, DRIVEWAYS, ETC.) SHALL BE REPLACED TO THE SATISFACTION OF THE CITY.

SE 1/4, SEC. 32 ,TWP. 28N. ,RGE. 5E. ,W.M.



SIDEWALK CONSISTING OF A MEANDERING 5' WIDE 4" CONCRETE SIDEWALK. ROCKERIES AND SIDE SLOPES OF 2:1 MAX. FOR FILL SLOPES SHALL BE EMPLOYED TO MAINTAIN THE SIDEWALK AND ASSOCIATED GRADING WITHIN THE PEDESTRIAN EASEMENT. THE EXACT LOCATION OF THE SIDEWALK AND POTENTIAL CONSTRUCTION EASEMENTS, AS WELL AS THE POSSIBLE UTILITY RELOCATION, REPAIR AND RESTORATION ACTIVITY, ETC., SHALL BE SUPERVISED UNDER DIRECTION OF THE CITY.

NEAT CUT AS REQ'D REPAIR WITH 2" COMP. DEPTH CL "B" ASPHALT CONCRETE 4" COMP DEPTH CSTC. SEAL JOINTS WITH LIQUID ASPHALT SEALANT.

OUTFALL-49A
W/4"x8"x12" DEEP
RIPRAP PAD

35th AVENUE S.E.

N 02°27'26" E

703.82'

703.80'

130 LF~18"CP

EXIST. 12"RCP (TO BE ABANDONED)

253 LF~15"CP

EXIST. 12"RCP (TO BE PLUGGED)

CB-49 (TYPE 1L)

STA. 97+56.00;
25.00' RT

14 LF~12"SD

REMOVE, SALVAGE AND
REPLACE EXIST. 12" SD
AND RESTORE EXIST. DITCH
IN KIND.

IE 414.49

IE 409.30

1305.36'

412

414

324.64'

AC SKE PATH

410.00'

412

414

327.00'

E 413.70'

PT = 91+58.21

Δ = 00°10'52"

L = 2.26'

Δ = 14°51'00"

R = 716.17'

L = 185.62'

PT = 79+52.44'

PC = 90+00.00'

THRU CURB INLET

GRATE 419.50

IE 416.48 (12"RCP-OUT N)

IE 416.68 (12"RCP-IN W)

DEMOLISH AND REMOVE EXISTING
CURB GUTTER AND ASSOCIATED
PAVEMENT AS REQUIRED FOR
INSTALLATION OF THE PROPOSED
IMPROVEMENTS.

INTAKE-51A
W/TRASH RACK

6
C9

NEAT CUT AS REQ'D REPAIR WITH
2" COMP. DEPTH CL "B" ASPHALT
CONCRETE 4" COMP DEPTH ATB,
AND CONTROL DENSITY FILL (CDF).
SEAL JOINTS WITH LIQUID ASPHALT
SEALANT.

EX. CB

GRATE 418.80

IE 414.68 (12"RCP-OUT N)

IE 414.90 (12"RCP-IN S)

IE 415.45 (12"RCP-IN W)

Q INTERSECTION

148TH STREET SE, 80+37.20=

35TH AVENUE SE, 91+00.00

Δ = 00°10'52"

L = 2.26'

Δ = 14°51'00"

R = 716.17'

L = 185.62'

PT = 79+52.44'

PC = 90+00.00'

THRU CURB INLET

GRATE 419.50

IE 416.48 (12"RCP-OUT N)

IE 416.68 (12"RCP-IN W)

NOTE: PROFILE DEPICTS Q OF STORM
SYSTEM ALONG THE WEST SIDE OF
35th AVENUE S.E.

420

410

400

390

420

410

400

390

EXISTING
GRADE

OUTFALL-49A
INV. 409.78

35th AVENUE S.E.

SCALE: 1"=50' HORIZ.
1"=5' VERT.

EXIST. 12"SD

130 LF~18"CP @ 0.50%

253 LF~15"CP @ 0.50%

61 LF~15"CP @ 0.50%

INTAKE 51A
W/TRASH RACK
INV. 412.25

CB-49 (TYPE 1L)

TOP 414.50

INV. 410.43 (18"OUT-N)

INV. 410.93 (12"IN-W)

INV. 410.68 (15"IN-S)

CB-50

W/SOLID LOCKING LID

TOP 416.00

INV. 414.15 (FIELD VERIFY)

(CONNECT TO EXIST. 12"CMP)

132 LF~12"CP @ 2.44%

14 LF~12"SD @ 5.00%

EXIST. CB

TOP 416.70

INV. 413.55 (N) (TO BE PLUGGED)

INV. 413.70 (E)

CB-51

W/SOLID LOCKING LID

TOP 416.00

INV. 413.00 (E)

INV. 411.95 (N.S)

CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555

CITY OF MILL CREEK
APPROVED FOR CONSTRUCTION

3 Aug 95
DATE

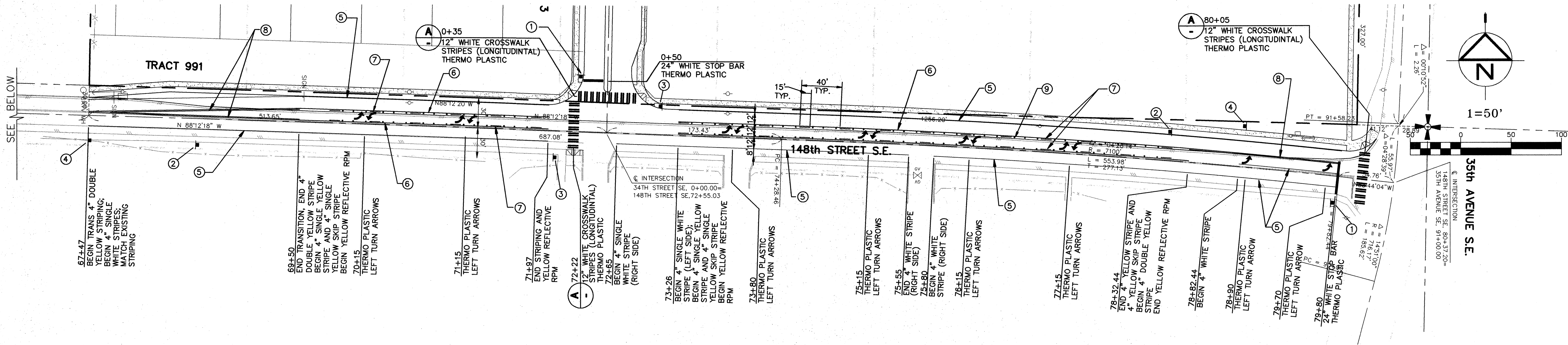
STAFFORD HOMES
APPLETREE PARK
35th AVENUE S.E.
FRONTAGE IMPROVEMENT PLAN
CITY OF MILL CREEK

GROUP FOUR, Inc.
16030 JUANITA-WOODINVILLE WAY NE
BOTHELL, WASHINGTON 98011
(206) 775-4581 • (206) 362-4244 • FAX (206) 362-3819
SURVEYING ENGINEERING PLANNING MANAGEMENT
DRAWN BY: RCA/MCH CHECKED BY: APPROVED BY:
DATE: DATE:

SHT C13 OF 13

JOB NO: 95-8013

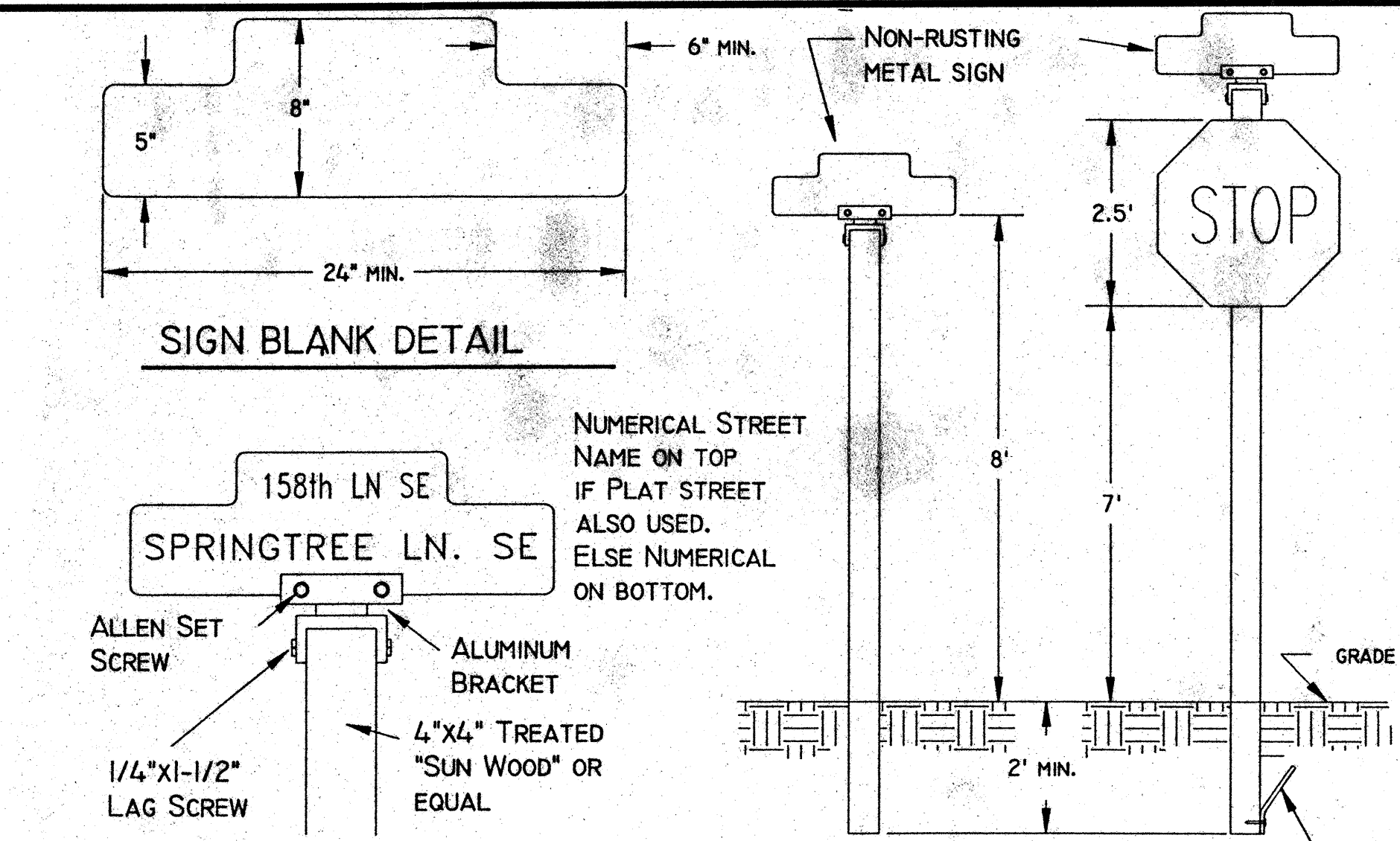
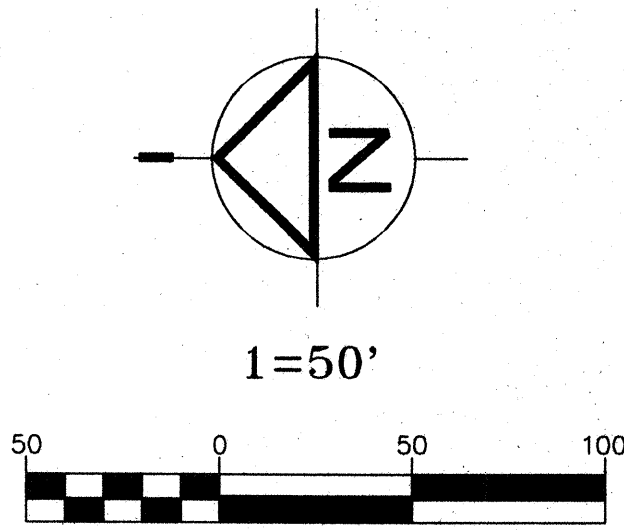
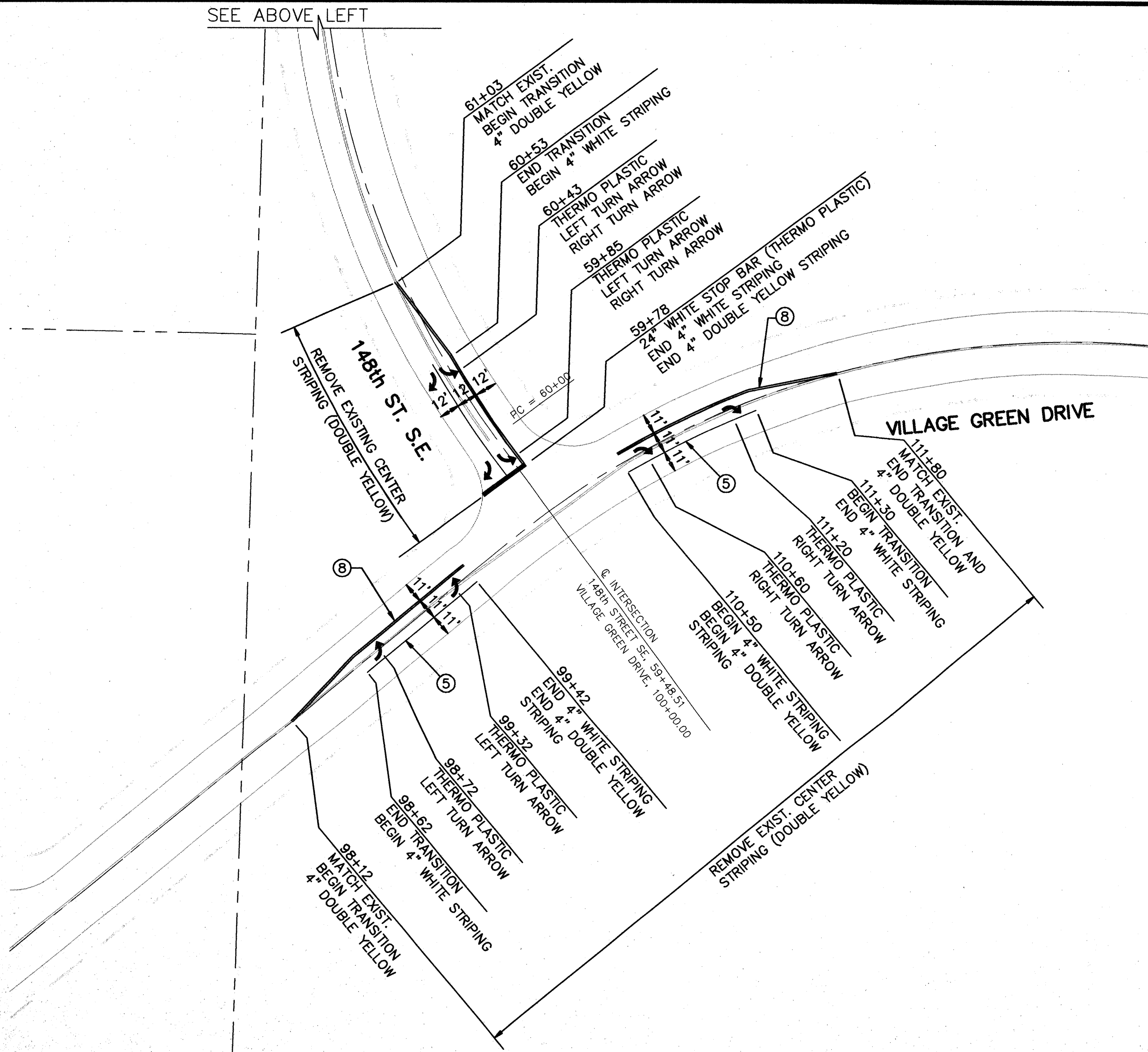
BRIGHTON HDEV-084



SIGNAGE SCHEDULE			
PLAN CODE	MUTCD CODE	SIGN TYPE	QTY
①	R1-1	STOP AND STREET NAME	2
②	R2-1	25 MPH	2
③	S2-1	SCHOOL CROSSING SIGN	2
④	S4-3, R2-1 AND S4-2	SCHOOL SPEED LIMIT SIGN ASSEMBLY	2

STRIPING SCHEDULE		
PLAN CODE	STRIPE TYPE	QTY.
⑤	SINGLE WHITE STRIPE	2,361 LF
⑥	SINGLE YELLOW STRIPE	1,557 LF
⑦	SINGLE YELLOW SKIP STRIPE	1,506 LF
⑧	DOUBLE YELLOW STRIPE	516 LF
⑨	YELLOW REFLECTIVE RPM	114

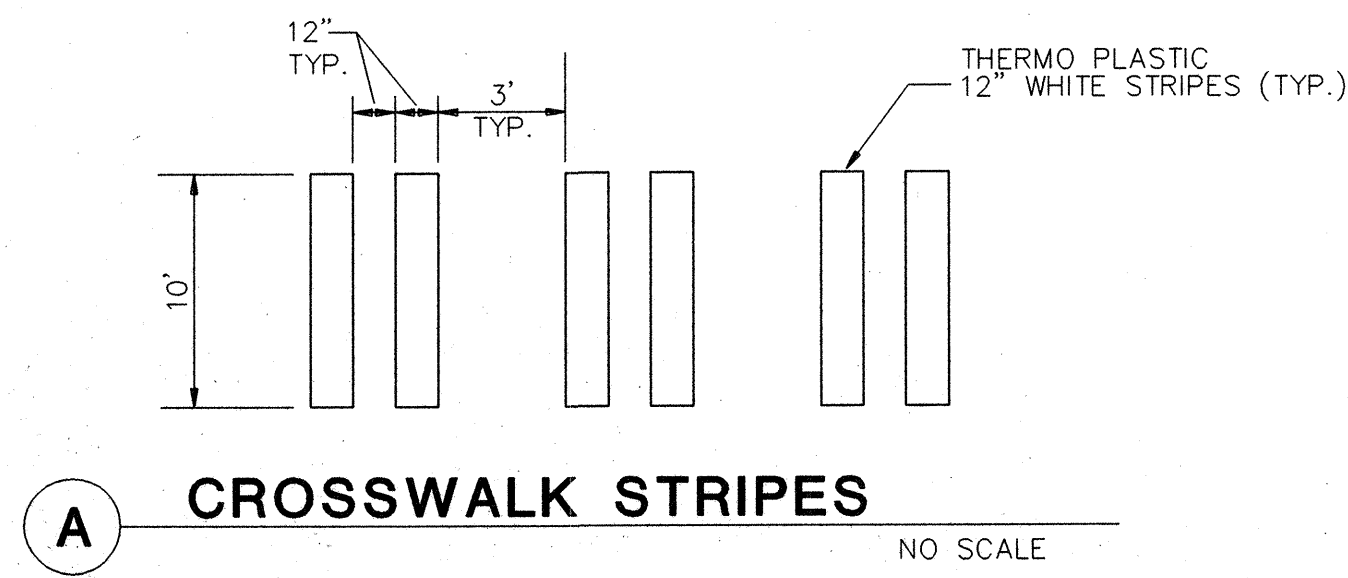
- NOTES
1. REMOVE EXISTING LANE STRIPING FROM STA. 67+47 TO STA 80+00 REPLACE WITH NEW STRIPING.
 2. ACCESS TO THE SCHOOL AND ACCESS BY EMERGENCY VEHICLES SHALL BE MAINTAINED AT ALL TIMES.
 3. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY OF MILL CREEK STANDARDS AND AMERICAN SPECIFICATIONS AND WASHINGTON STATE DEPARTMENT OF TRANSPORTATION 1991 STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION AND MUTCD.
 4. ALL FLAGGERS ARE TO BE EQUIPPED WITH ORANGE SAFETY VEST AND HEAD GEAR APPROPRIATE FOR FLAGGING TRAFFIC WITHIN THE PUBLIC RIGHT-OF-WAY AND SHALL HAVE VALID FLAGGIN CARDS FROM THE DEPARTMENT OF LABOR AND INDUSTRIES.



NOTE: SIGN SHALL BE WHITE LETTERS ON A REFLECTIVE GREEN BACKGROUND.

CITY OPTION: VANDAL PROOFING PLATE, 3"x6" ALUMINUM.

STOP AND STREET NAME SIGN DETAIL



CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

CITY OF MILL CREEK
APPROVED FOR CONSTRUCTION

CITY ENGINEER *[Signature]* DATE 3 Aug 95

STAFFORD HOMES
APPLETREE PARK
148th STREET S.E.
CHANNELIZATION PLAN

CITY OF MILL CREEK

WASHINGTON

GROUP FOUR, Inc.
16030 JUANITA - WOODINVILLE WAY NE
BOTHELL WASHINGTON 98011
(206)775-4581 • (206)362-4244 • FAX (206)362-3819
SURVEYING ENGINEERING PLANNING MANAGEMENT

DRAWN BY: MCH
CHECKED BY: *[Signature]*
APPROVED BY: *[Signature]*
DATE: *[Blank]*

REVISION NO. DATE BY
1 7-19-95 MCH
2 8-1-95 RCA

FILE NO. J-157-BUILDING PERMITS/STC-32015-95
UPDATED: AUG 11, 1995 14:05:29