

GENERAL REQUIREMENTS:

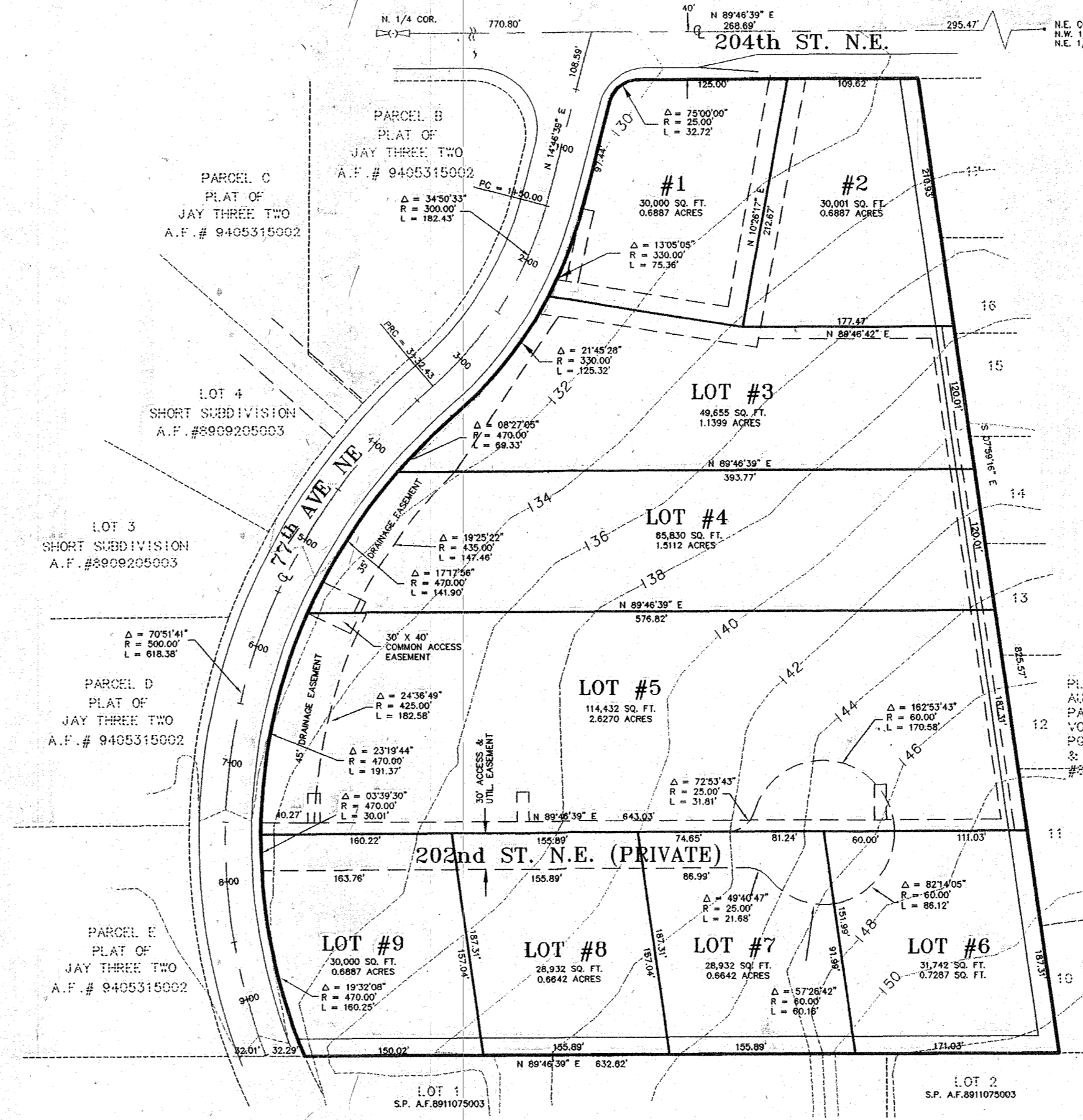
- 1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION...

PORTION N.E. 1/4, SEC. 14, T. 31 N., R. 5 E., W.M.

WATER SYSTEM NOTES CONTINUED:

- 10. EXCEPT FOR UNUSUAL CIRCUMSTANCES WHERE APPROVED BY THE ENGINEER, THE TRENCH SIDES SHALL BE EXCAVATED VERTICALLY AND THE TRENCH WIDTH SHALL BE EXCAVATED ONLY TO SUCH WIDTHS AS ARE NECESSARY FOR ADEQUATE WORKING SPACE...

1" = 100'



LEGAL DESCRIPTION:

PARCEL "A" OF THE PLAT OF JAY THREE TWO RECORDED IN VOLUME 57 OF PLATS ON AGES 24 - 25 UNDER AUDITOR'S FILE NUMBER 9405315002.

APPLICANT:

GRANT JENSEN
804 S. HAZEL AVE.
ARLINGTON, WA 98223
PH: (360) 435-9587

7-12-99
AS-BUILT
DRAWING
AS-BUILT LEGEND:
33950 239.50 = PER CASCADE SURVEY DATA.

DATUM: NGVD 1929

CONTOUR DATA BASED ON 1992, AERIAL PHOTO. ELEVATION DIFFERENCE ±2'.

LEGEND:

- ~ PROPERTY LINE
~ LOT LINE
~ 2 FOOT CONTOUR INTERVAL
~ CL ROAD
~ EASEMENT

CONSTRUCTION SEQUENCE AND SCHEDULE:

- 1. SET UP PRE-CONSTRUCTION MEETING WITH CITY OF ARLINGTON
2. INSTALL T.E.S.C. FILTERS AS SPECIFIED ON SHEET 2.
3. THE CLEARING AND GRUBBING OF 202nd ST. N.E.
4. THE ROUGH GRADING OF 202nd ST. N.E., AND 204th ST. N.E. WIDENING.
5. INSTALL SEWER.
6. INSTALL ALL CULVERTS AND DRAINAGE STRUCTURES.
7. INSTALL WATER.
8. INSTALL CURB AND GUTTER ALONG 204th ST. N.E.
9. THE FINAL GRADING, AND GRAVELING OF THE ROADS.
10. THE PAVING OF ALL THE ROADS.
11. SEED ALL DISTURBED AREAS.

DRAWING INDEX table with columns: #, DESCRIPTION, FILE NAME

EXAMINED AND APPROVED FOR CONSTRUCTION ON THIS 4th DAY OF MAY 1999. [Signature] CITY OF ARLINGTON PUBLIC WORKS DIRECTOR

SANITARY SEWER SYSTEM NOTES:

- 1. PVC PIPE AND FITTINGS SHALL BE INTEGRAL WALL BELL AND SPIGOT, RUBBER GASKET JOINT, PVC CONFORMING TO ASTM 3034 SDR 35.
2. ALL PVC SEWER PIPE AND FITTINGS MANUFACTURE AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE ASTM RECOMMENDED SPECIFICATIONS D3034-73...

SANITARY SEWER SYSTEM NOTES CONTINUED:

- 11. BEDDING GRAVEL SHALL BE CLEAN SAND/GRAVEL MIXTURE FREE FROM ORGANIC MATTER MEETING THE FOLLOWING GRADATION WHEN TESTED IN ACCORDANCE WITH ASTM D422.
U.S. STANDARD SIEVE SIZE % PASSING BY WEIGHT
3/4" 100
3/8" 70 - 100
No. 4 35 - 100
No. 10 25 - 95
No. 20 20 - 80
No. 40 10 - 55
No. 100 0 - 10
No. 200 0 - 3
SAND EQUIVALENT 35 MINIMUM

STORM SEWER SYSTEM NOTES CONTINUED:

- 4. ALL CATCH BASINS SHALL BE TYPE 1, UNLESS OTHERWISE NOTED.
5. ALL CATCH BASINS WITH A DEPTH OVER 5 FEET TO THE FLOWLINE SHALL BE TYPE 2 C.B.
6. ALL GRATES (INLET & CATCH BASINS) SHALL BE PLACED AT THE PAVEMENT LEVEL.
7. ALL STEEL PIPES, CULVERTS, TANKS, AND OTHER STEEL PARTS OF ANY STORM SYSTEM SHALL BE GALVANIZED OR HAVE A TREATMENT 2(TWO) ASPHALT COATING OR BETTER...

OTHER GENERAL NOTES:

- 1. TRENCH BACKFILL OF NEW UTILITIES SHALL BE COMPACT TO 95% RELATIVE COMPACTION UNDER ROADWAYS AND 90% RELATIVE COMPACTION OF ROADWAYS, AS SPECIFIED IN SECTION 2-03-3(14)D AND SECTION 2-03(14)B.
2. STOCKPILES ARE TO BE LOCATED IN SAFE AREAS AND ADEQUATELY PROTECTED BY TEMPORARY SEEDING AND MULCHING. HYDRO-SEED PREFERRED.
3. IMMEDIATELY FOLLOWING FINISH GRADING, PERMANENT VEGETATION (CONSISTING OF RAPID, PERSISTENT AND LEGUME) WILL BE APPLIED. (MINIMUM 12# PER 1000 SQ. FT.). THE FOLLOWING MIX SHALL BE USED AND IS TO BE 98% PURE:
10% COLONIAL BENTGRASS
40% PERENNIAL RYE
40% CREEPING RED FESCUE
10% WHITE DUTCH CLOVER
HYDRO-SEED PREFERRED

STORM SEWER SYSTEM NOTES:

- 1. ALL 12 INCH AND SMALLER STORM PIPE AND FITTINGS SHALL BE INTEGRAL WALL BELL AND SPIGOT, RUBBER GASKET JOINT, PVC CONFORMING TO ASTM 3034 SDR 35. IF LESS THAN 30" OF COVER P.V.C. 900 OR CL 52 D.I.P. SHALL BE USED.
2. ALL 30 INCH STORM PIPE AND FITTINGS SHALL BE CORRUGATED HIGH DENSITY POLY-ETHYLENE, DOUBLE WALLED SMOOTH INTERIOR PIPE SHALL BE USED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL CATCH BASIN FRAMES AND GRATES JUST PRIOR TO PAVING.

WATER SYSTEM NOTES:

- 1. DUCTILE IRON WATER PIPE SHALL BE NEW, CLASS 52, CEMENT-LINED, CONFORMING TO ANSI STANDARD A21.51 (AWWA C-151).
2. DUCTILE IRON PIPE SHALL BE PUSH-ON JOINT (TYTON JOINT ONLY) OR MECHANICAL JOINT. PIPE WITH PUSH-ON JOINTS SHALL BE FURNISHED WITH A SINGLE RUBBER GASKET. ALL GASKETS, INCLUDING MJ SHALL BE LUBRICATED TO EFFECT THE SEAL. PIPE WITH MECHANICAL JOINTS SHALL BE FURNISHED WITH A MECHANICAL JOINT OF THE STUFFING BOX TYPE, INCLUDING RUBBER GASKET, CAST-IRON CLAND, AND TEE-HEAD BOLTS AND NUTS TO EFFECT THE SEAL. ALL JOINTS SHALL CONFORM TO ANSI STANDARD A21.11 AWWA-C-111.
3. FLANGED JOINTS SHALL CONFORM TO ANSI STANDARD B16.1.
4. INTERNALLY LOCKED JOINTS SHALL BE IN ACCORDANCE WITH ANSI A21.11 AND EQUAL TO U.S. PIPE TR FLEX GRIFFIN "SNAP LOCK".
5. BELL AND SOCKET JOINTS SHALL BE IN ACCORDANCE WITH ANSI A21.10 AND EQUAL TO U.S. PIPE "UNIFLEX".
6. STANDARD THICKNESS CEMENT MORTAR LINING SHALL BE IN ACCORDANCE WITH ANSI STANDARD A21.4 (AWWA C-104).
7. THE CONTRACTOR SHALL FURNISH CERTIFICATION FROM THE MANUFACTURER OF THE PIPE AND GASKET BEING SUPPLIED THAT THE INSPECTION AND ALL OF THE SPECIFIED TESTS HAVE BEEN MADE AND THE RESULTS THEREOF COMPLY WITH THE REQUIREMENTS OF THIS STANDARD.
8. TRENCHES SHALL BE EXCAVATED TO LINE AND DEPTH SO ALL NEW PIPELINES CONSTRUCTED SHALL HAVE NOT LESS THAN THREE (3) FEET OR IN EXCESS OF FOUR (4) FEET OF COVER, MEASURED FROM THE TOP OF THE PIPE TO THE APPROVED FINISH GRADE. IF A GRADE REVISION IS MADE, THE COVER OVER THE WATER MAIN MUST REMAIN WITHIN THESE LIMITS; OTHERWISE, THE WATER MAIN SHALL BE RECONSTRUCTED.
9. THE EXCAVATION SHALL BE MADE IN A STRAIGHT GRADE THROUGH LOCALIZED BREAKS IN GRADE. THE EXCAVATION SHALL BE DEEPENED GRADUALLY AT CHANGES IN THE STREET GRADE SO THAT THERE ARE NO ABRUPT CHANGES IN PIPELINE GRADE. DEFLECTIONS AT EACH PIPE JOINT SHALL NOT EXCEED THE MAXIMUM PERMISSIBLE DEFLECTION.

CASCADE SURVEYING & ENGINEERING, INC. Planners Surveyors Engineers
P.O. BOX 326
ARLINGTON, WASHINGTON 98223
(360) 435-9581
(360) 435-9582
(360) 435-9583

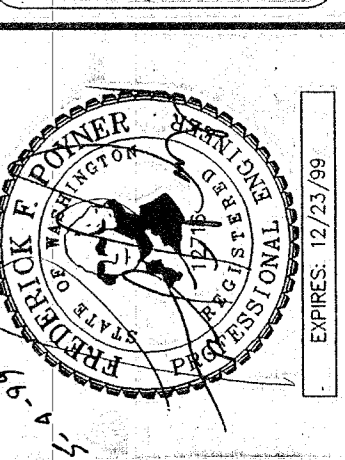


Table with columns: DESIGNED, DRAWN, CHECKED, FIELD BOOK, DATE

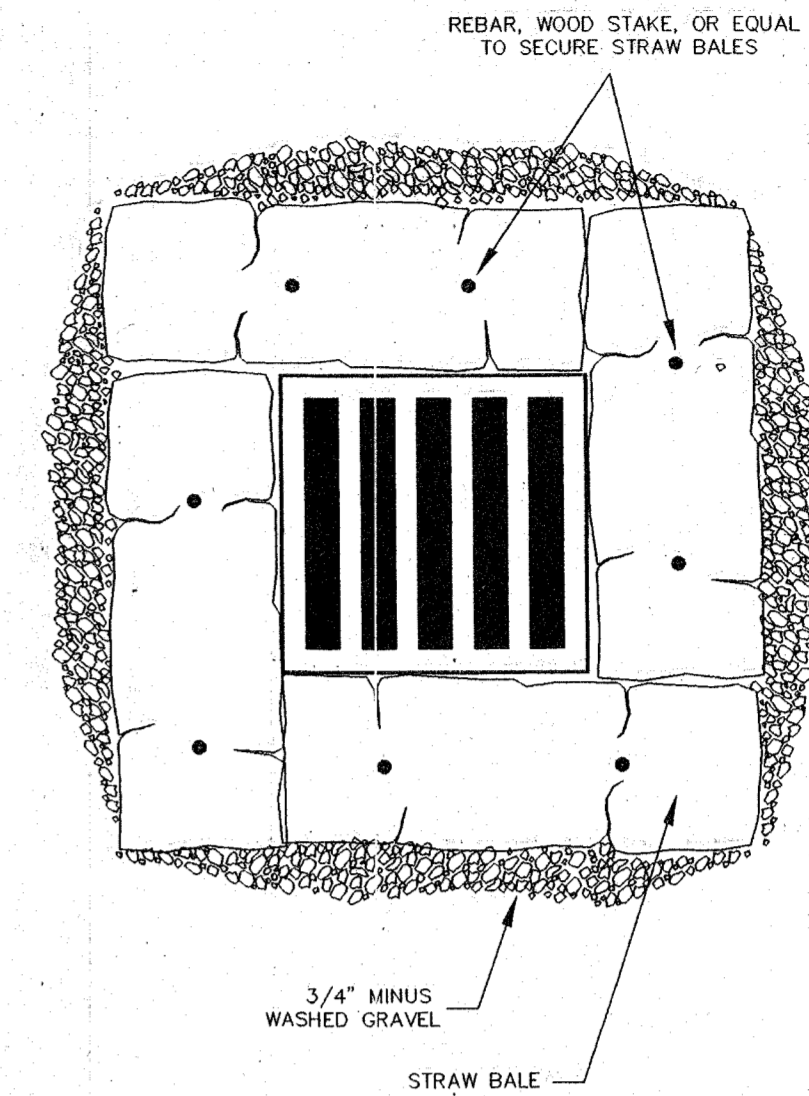
Table with columns: DESIGNED, DRAWN, CHECKED, FIELD BOOK, DATE

9 LOT SHORT-PLAT OF JAY THREE TWO COVER SHEET
1 of 7
# 12300
(CONSDWG/12300EN1)

# PORTION N.E. 1/4, SEC. 14, T. 31 N., R. 5 E., W.M.

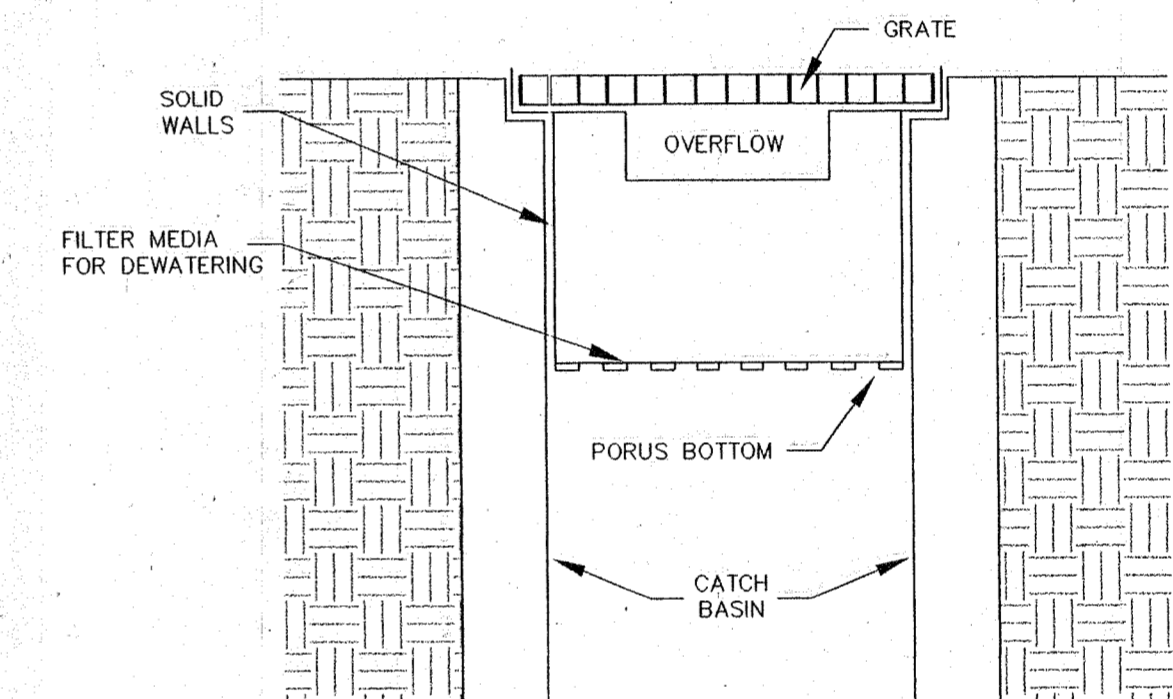
## STRAW BALE INLET PROTECTION

N.T.S.



## CATCH BASIN INSERT

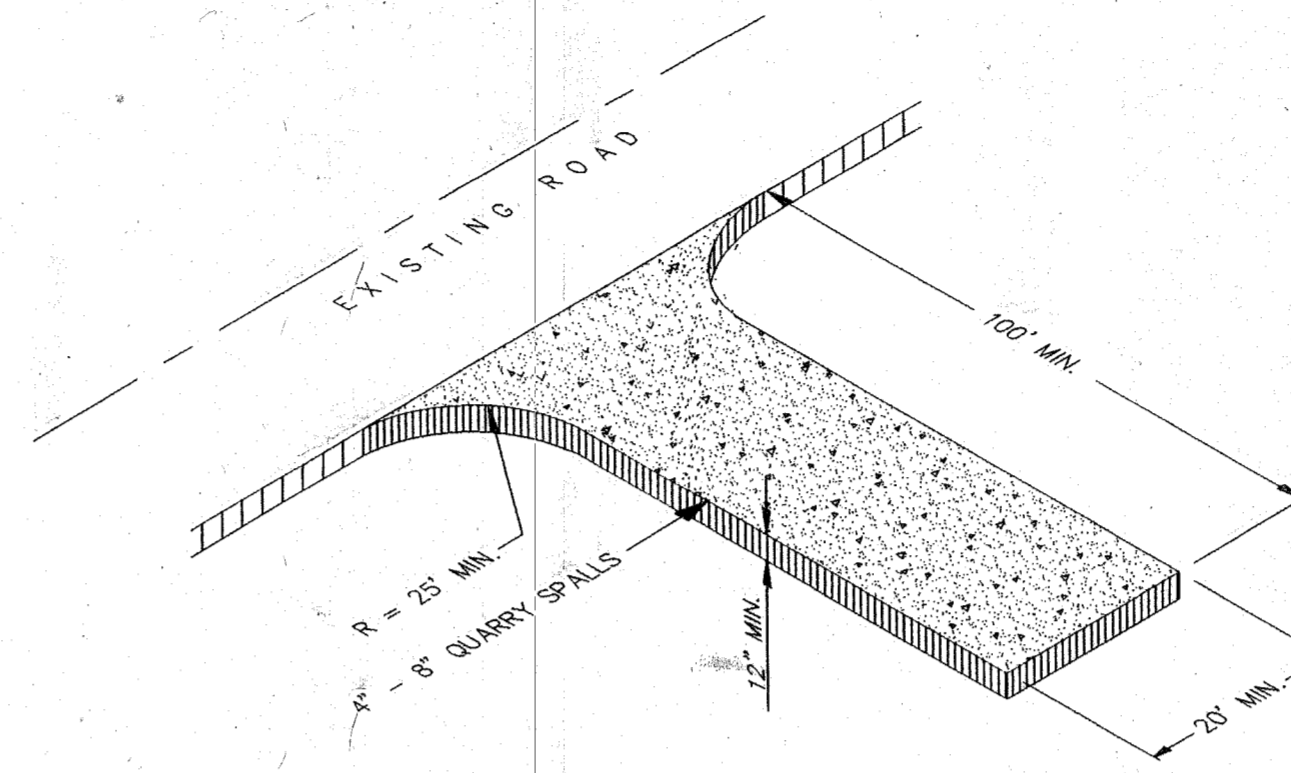
S.I.F.T. FILTER  
N.T.S.



NOTE:  
THIS DETAIL IS ONLY SCHEMATIC. ANY INSERT IS ALLOWED THAT HAS A MIN. OF 0.5 C.F. OF STORAGE, THE MEANS TO DEWATER THE STORED SEDIMENT, AND OVERFLOW, AND CAN BE EASILY MAINTAINED.

## CONSTRUCTION ENTRANCE & TIRE WASH

~ D.O.E. FIGURE II-5.4 ~  
N.T.S.



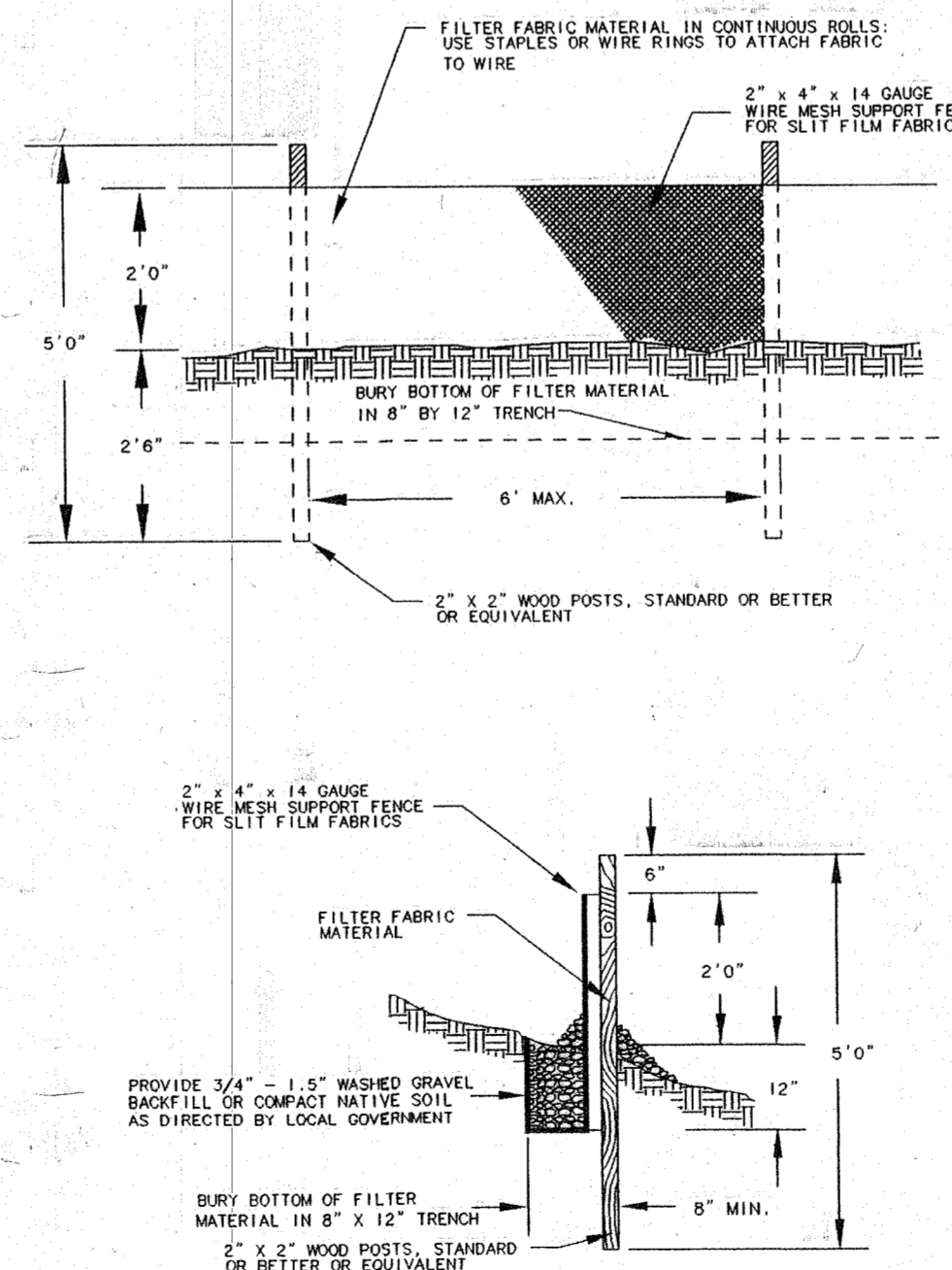
**MAINTENANCE:**  
THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT THE TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. PERIODIC TOP DRESSING WITH 2" STONE MAY BE REQUIRED, AS CONDITIONS DEMAND. THE CONTRACTOR SHALL IMMEDIATELY REMOVE ALL DEBRIS SPILLED, DROPPED, WASHED, OR TRACKED, FROM VEHICLES ONTO ROADWAY OR INTO STORM DRAINS.

**WASHING:**  
IF CONDITIONS ON THE SITE ARE SUCH THAT MOST OF THE MUD IS NOT REMOVED FROM THE VEHICLES TIRES BY CONTACT WITH THE GRAVEL, THEN THE TIRES MUST BE WASHED OFF BEFORE THE VEHICLES ENTER A PUBLIC ROAD. THE 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.

**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 ON THE PLANS. IF WASH RACKS ARE USED, THEY SHOULD BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECS.

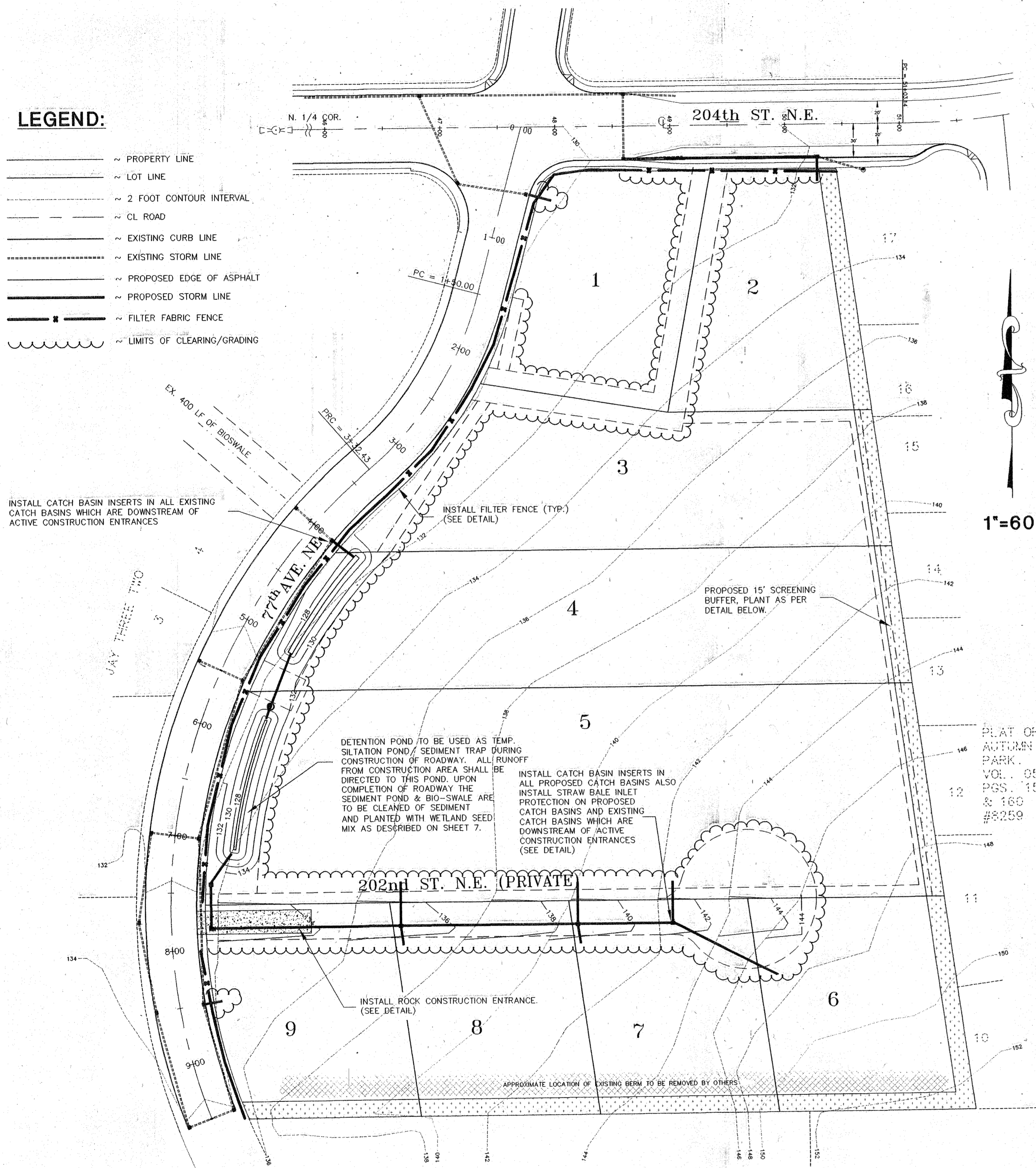
## FILTER FABRIC FENCE DETAIL

~ D.O.E. FIGURE II-5.18 ~  
N.T.S.



## LEGEND:

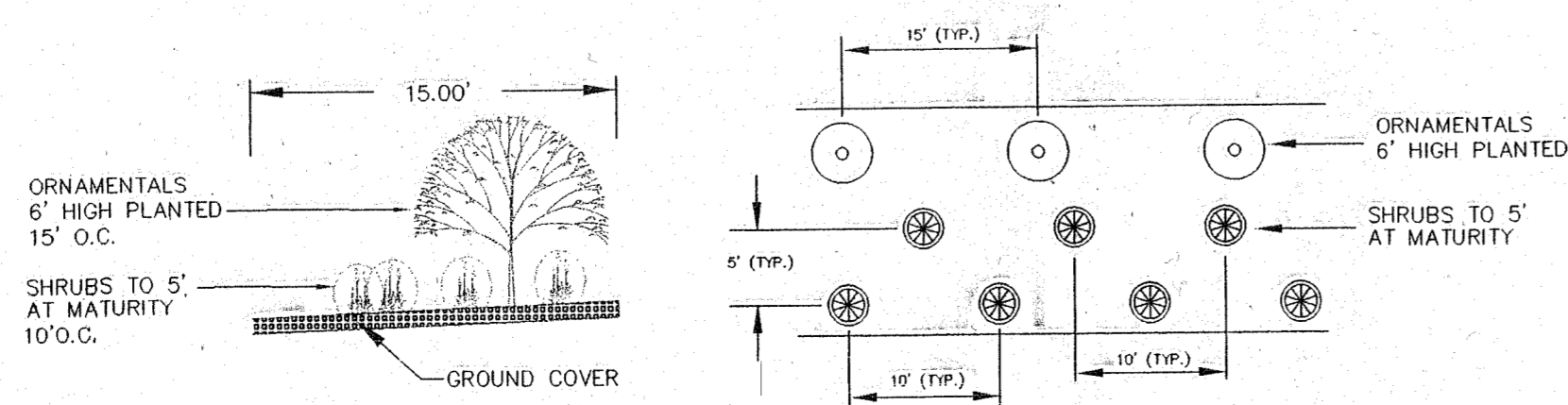
- ~ PROPERTY LINE
- ~ LOT LINE
- ~ 2 FOOT CONTOUR INTERVAL
- ~ CL ROAD
- ~ EXISTING CURB LINE
- ~ EXISTING STORM LINE
- ~ PROPOSED EDGE OF ASPHALT
- ~ PROPOSED STORM LINE
- ~ FILTER FABRIC FENCE
- ~ LIMITS OF CLEARING/GRADING



1"=60'

## TYP. PROPOSED SCREENING BUFFER

N.T.S.



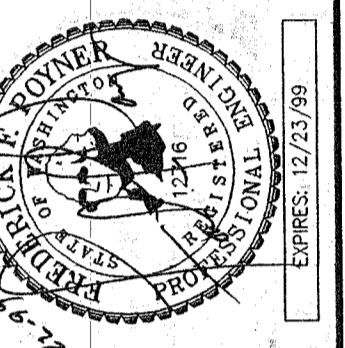
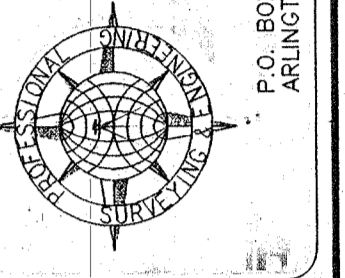
## T.E.S.C. NOTES:

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 AS REQUIRED BY THESE PLANS. THE PROJECT SURVEYOR/ENGINEER'S NAME AND TELEPHONE NUMBER ARE CASCADE SURVEYING AND ENGINEERING, (360) 435-5551.
3. THE DEVELOPER/PROJECT ENGINEER IS RESPONSIBLE FOR WATER QUALITY AS DETERMINED BY THE MONITORING PROGRAM, ESTABLISHED BY THE PROJECT ENGINEER. THE PROJECT ENGINEER'S NAME AND TELEPHONE NUMBER ARE CASCADE SURVEYING AND ENGINEERING, (360) 435-5551.
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 33 OF THE UNIFORM BUILDING CODE. (1994 EDITION)
6. ALL EARTH WORK SHALL BE PERFORMED IN ACCORDANCE WITH CITY STANDARDS. PRECONSTRUCTION SOILS INVESTIGATION MAY BE REQUIRED TO EVALUATE SOILS STABILITY.
7. PUBLIC STREETS ARE TO BE KEPT CLEAR OF DIRT AND DEBRIS DURING EXCAVATION AND FILL OPERATIONS.
8. THE SITE SOILS ARE GENERALLY CONSIDERED MOISTURE SENSITIVE AND AS SUCH ARE SUSCEPTIBLE TO DISTURBANCE BY CONSTRUCTION EQUIPMENT, PARTICULARLY DURING PERIODS OF WET WEATHER. THE GRADING CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO LIMIT SURFACE DISTURBANCE AND PROTECT THE SITE GRADING AREA FROM EXCESSIVE RUNOFF EROSION.
9. ALL DISTURBED AREAS AND TEMPORARY STOCK PILES SHALL BE SEEDING WITH A TEMPORARY SEED MIX CONSISTING OF 10% COLONIAL BENTGRASS, 40% PERENNIAL RYE, 40% CREEPING RED FESCUE, 10% WHITE CLOVER. HYDRO-SEED PREFERRED.
10. CATCH BASIN INSERTS SHALL BE INSTALLED IN ALL EXISTING CATCH BASINS THAT ARE DOWNSTREAM OF ACTIVE CONSTRUCTION ENTRANCES.

EXAMINED AND APPROVED FOR CONSTRUCTION  
ON THIS 4 DAY OF MAY 1999

CITY OF ARLINGTON PUBLIC WORKS DIRECTOR

CASCADE SURVEYING & ENGINEERING, INC.  
Planners  
Survivors  
Engineers



DESIGNED	DATE	8/98
REVISION <td>DATE <td>BY</td> </td>	DATE <td>BY</td>	BY
REVISED PER CITY COMMENTS	04/99	T.N.
REVISED PROPOSED STORM	02/99	T.N.
AS PER CITY COMMENTS	02/99	T.N.
AS PER CITY COMMENTS	11/98	T.N.
AS PER CITY COMMENTS	11/98	T.N.

DESIGNED	DATE	8/98
DRAWN	T.N.	DATE
CHECKED	DATE	DATE
FIELD BOOK	ARL 73	3

9 LOT SHORT PLAT OF  
JAY THREE TWO  
T.E.S.C. & BUFFER  
PLANTING PLAN

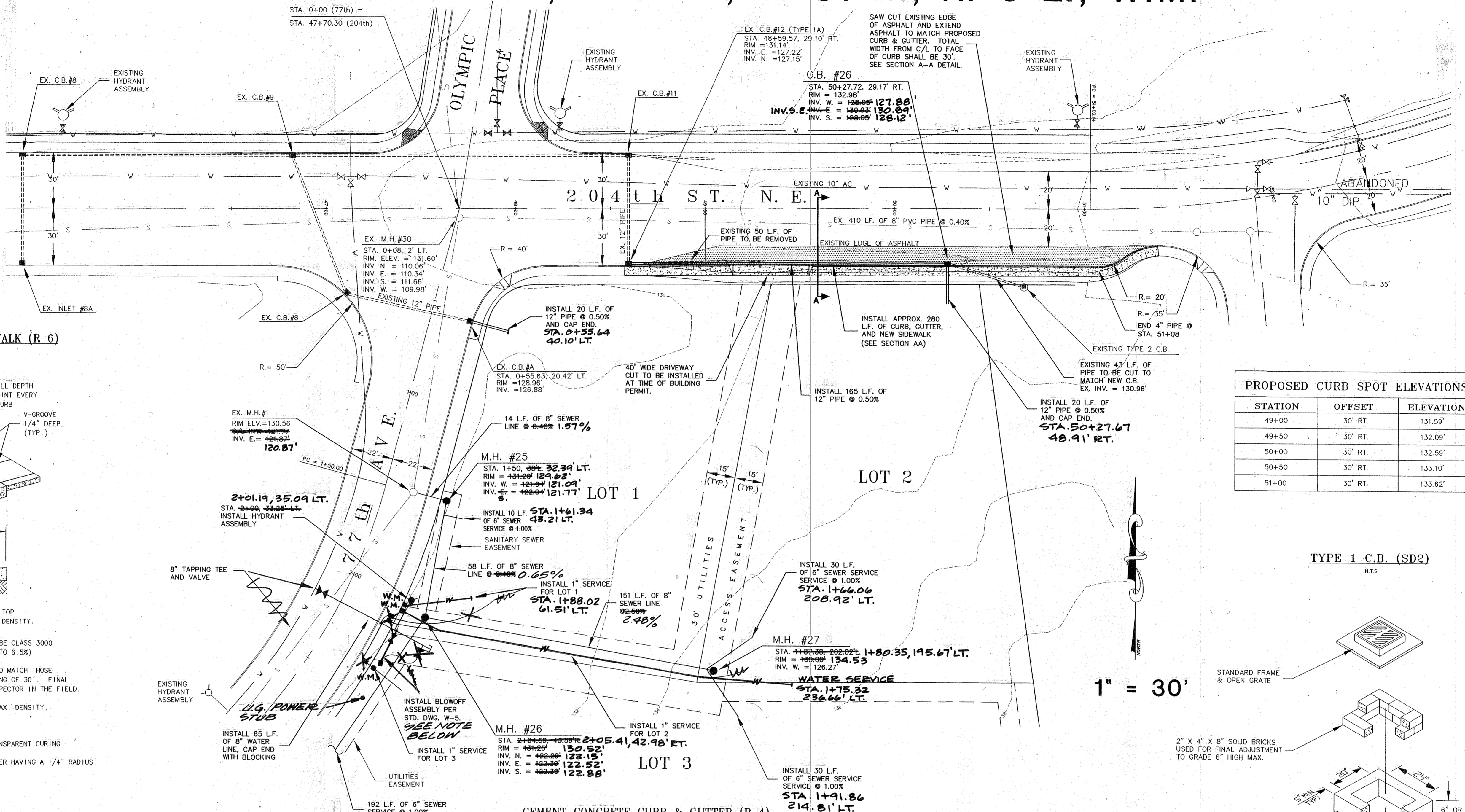
2 of 7  
# 12300

CONSDWG/12300EN2

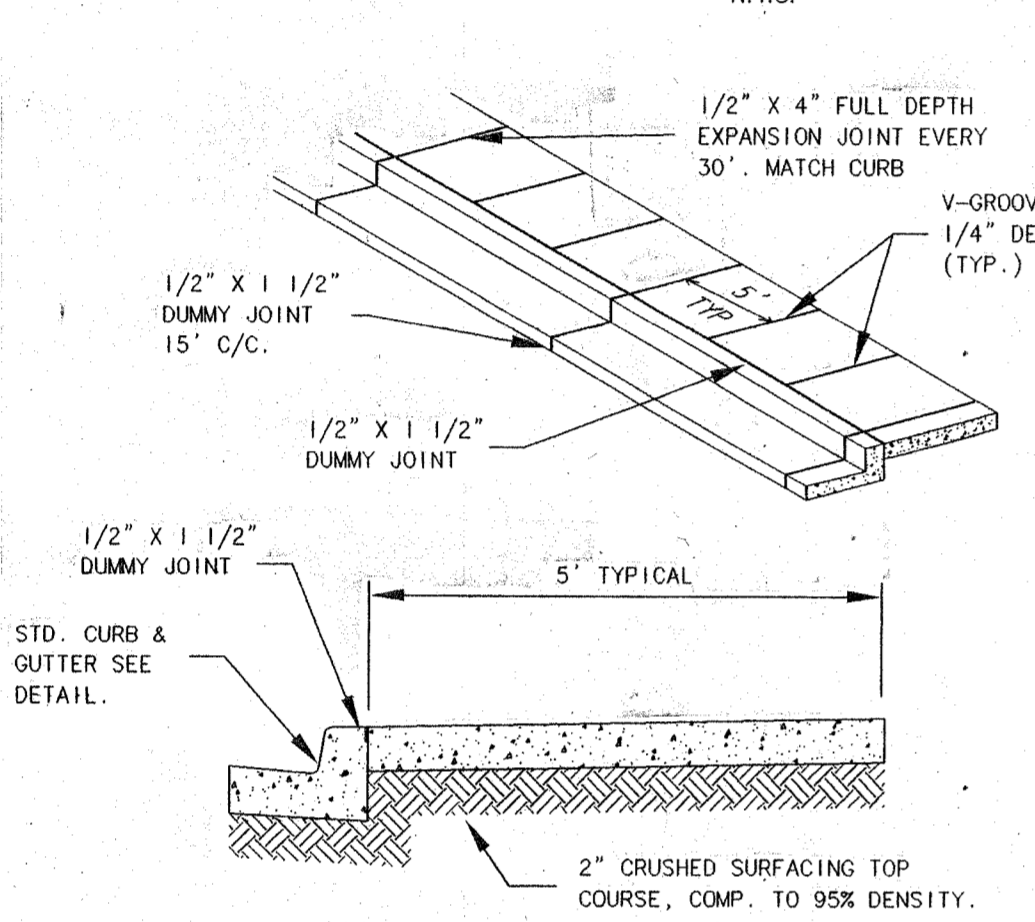
# PORTION N.E. 1/4, SEC. 14, T. 31 N., R. 5 E., W.M.

## LEGEND:

- ~ PROPERTY LINE
- ~ LOT LINE
- ~ 2 FOOT CONTOUR INTERVAL
- ~ CL ROAD
- ~ EASEMENT
- ~ EXISTING CURB LINE
- ~ EXISTING SEWER LINE
- ~ EXISTING WATER LINE
- ~ EXISTING STORM LINE
- ~ PROPOSED SEWER LINE
- ~ PROPOSED WATER LINE
- ~ PROPOSED STORM LINE

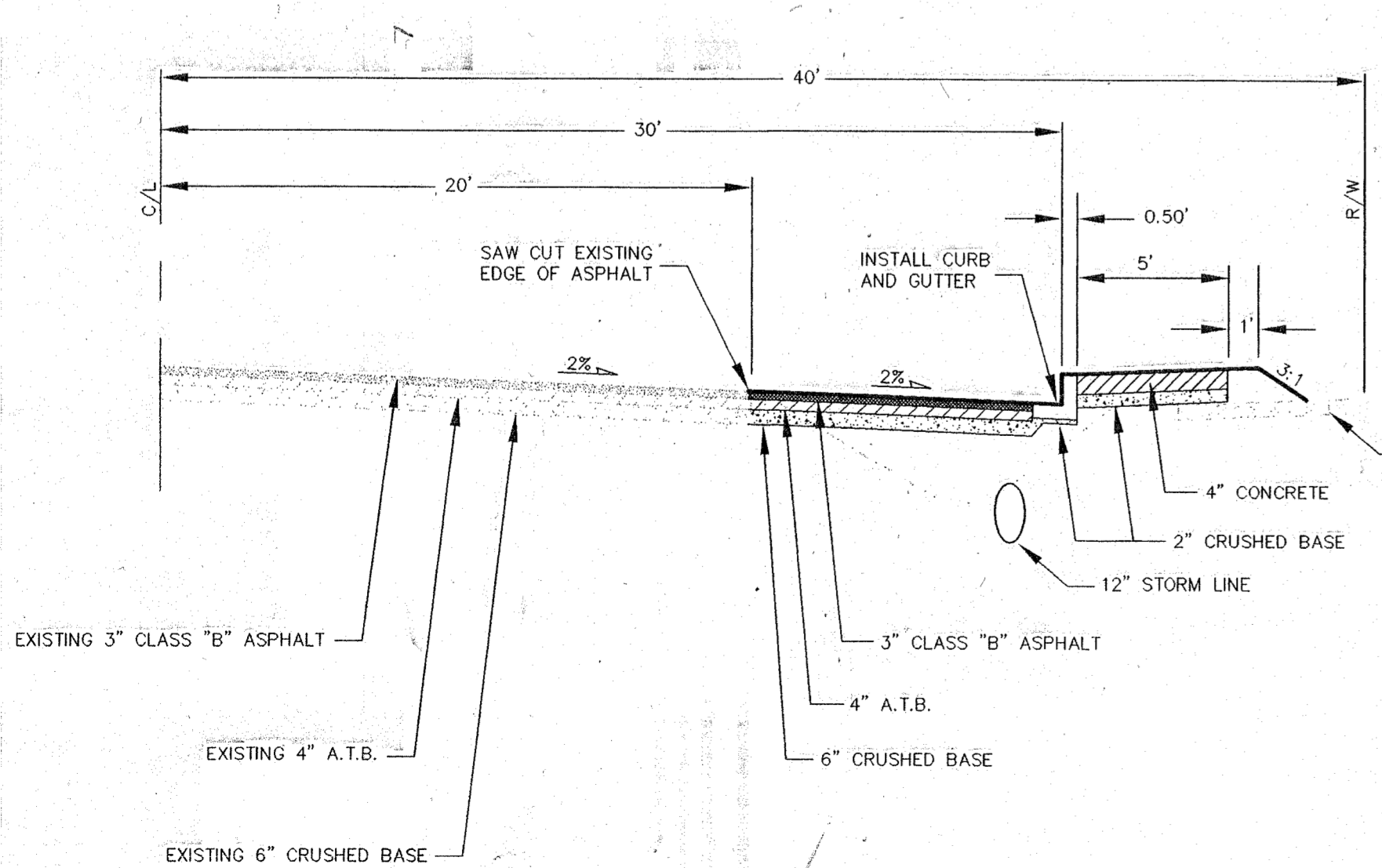


### CEMENT CONCRETE SIDEWALK (R 6)

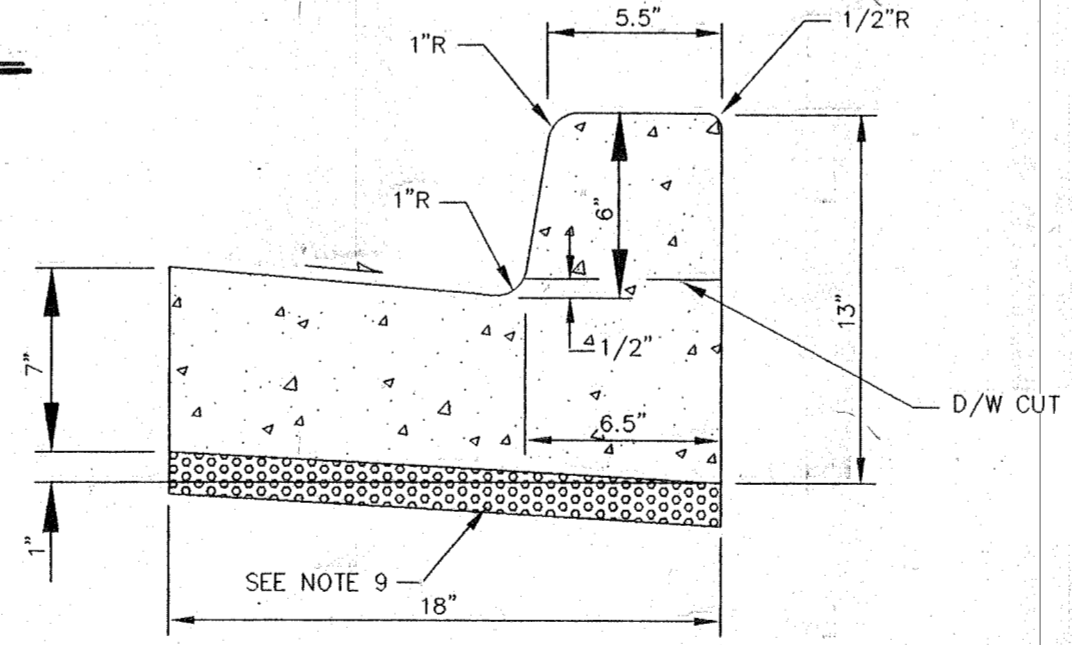


1. SIDEWALKS SHALL BE A MIN. OF 4" THICK, AND SHALL BE CLASS 3000 CEMENT CONCRETE, WITH AIR ENTRAINMENT (MIN. 4.5% TO 6.5%)
2. FULL EXPANSION JOINTS SHALL GENERALLY BE PLACED TO MATCH THOSE PLACED IN ADJACENT CURB & GUTTER, WITH MAX. SPACING OF 30'. FINAL SPACING DETERMINATION SHALL BE DECIDED BY THE INSPECTOR IN THE FIELD.
3. SUBGRADE SHALL BE COMP. TO NOT LESS THAN 95% OF MAX. DENSITY.
4. SIDEWALK SHALL BE AT LEAST 6" THICK IN DRIVEWAYS.
5. THE FINISHED SIDEWALK SHALL BE SPRAYED WITH A TRANSPARENT CURING
6. ALL JOINTS SHALL BE CLEANED AND EDGED WITH AN EDGER HAVING A 1/4" RADIUS.

### SECTION AA



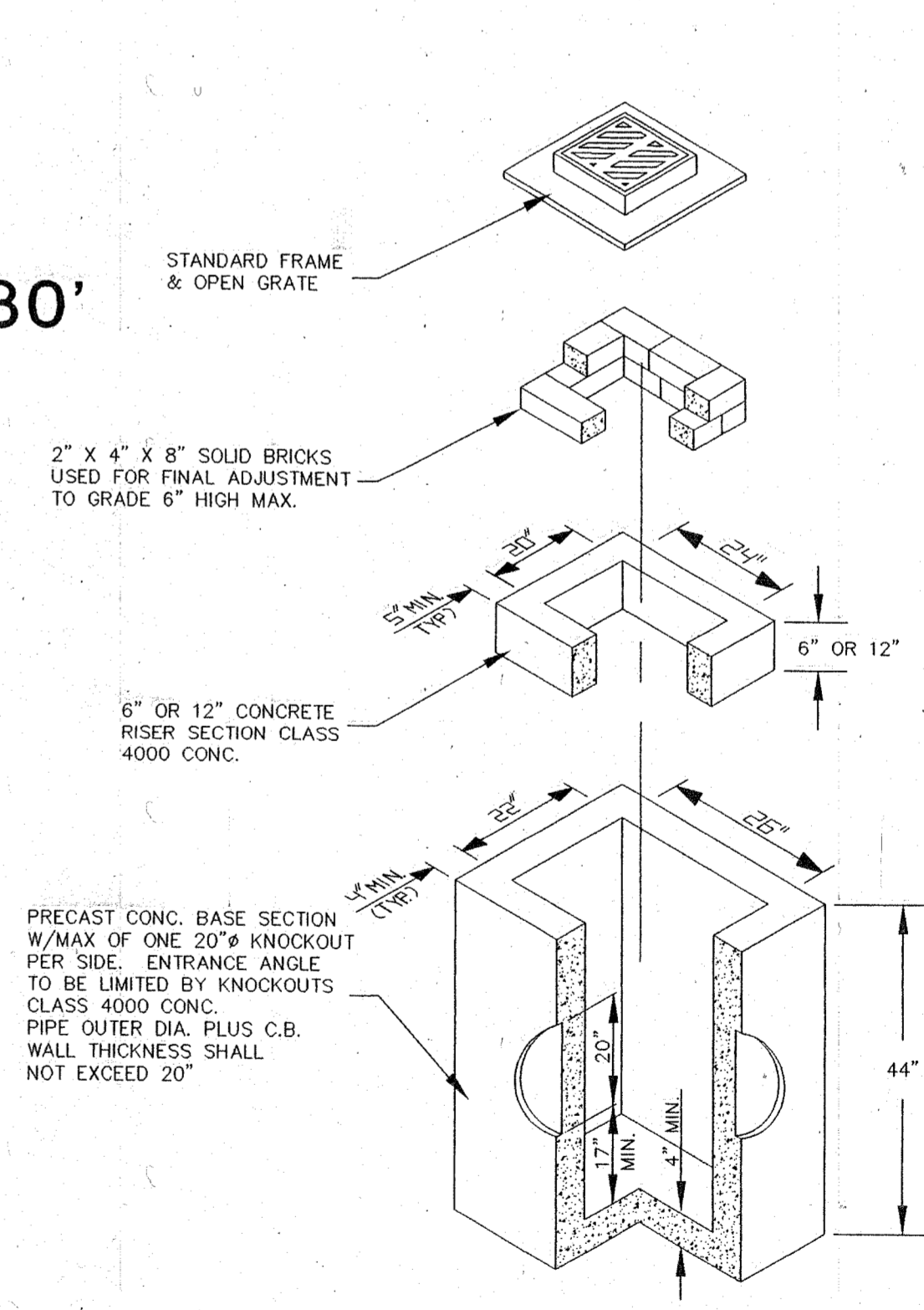
**BLOWOFF NOTE**  
 8" MI TEE WITH A M.I. FLG.  
 4" GATE VALVE WITH A BLIND FLG. AND 2" POLY PIPE TO BOX.



- NOTES:
1. FORMS SHALL BE TRUE TO LINE AND GRADE AND SECURELY STAKED.
  2. DUMMY JOINTS SHALL BE PLACED ON 15' CENTERS. DUMMY JOINTS SHALL BE 1/2" X 1-1/2".
  3. THRU JOINTS SHALL BE PLACED ADJACENT TO CATCH BASINS, INLETS AND AT POINTS OF TANGENCY ON STREETS, ALLEY AND DRIVEWAY RETURNS. MAXIMUM SPACING SHALL BE 30' PRE-MOLDED JOINT FILLER SHALL BE 1/2" WIDE AND CONFORM TO AASHTO DESIGN M213.
  4. ALL JOINTS SHALL BE CLEAN AND EDGED.
  5. CONCRETE SHALL BE CEMENT, CLASS 3000.
  6. STEEL FORMS ONLY SHALL BE USED ON TANGENT SECTIONS. WOOD FORMS MAY BE USED ON CURVED SECTIONS.
  7. FINISH SHALL BE LIGHT BROMM FINISH.
  8. THE FINISHED CURB SHALL BE SPRAYED WITH A TRANSPARENT CURING COMPOUND AND COVERED BY WATERPROOF PAPER OR PLASTIC MEMBRANE IN THE EVENT OF RAIN OR OTHER UNSUITABLE WEATHER. CURING TIME SHALL BE A MIN. OF 72 HOURS.
  9. ALL CURB AND GUTTER SHALL BE PLACED ON A MIN. OF 2" OF CRUSHED SURFACING TOP COURSE.
  10. DUMMY JOINT 1/2" X 1-1/2" BETWEEN A-1 CURB AND GUTTER AND THE SIDEWALK.

STATION	OFFSET	ELEVATION
49+00	30' RT.	131.59'
49+50	30' RT.	132.09'
50+00	30' RT.	132.59'
50+50	30' RT.	133.10'
51+00	30' RT.	133.62'

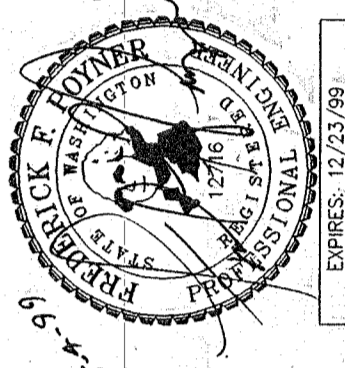
### TYPE 1 C.B. (SD2)



EXAMINED AND APPROVED FOR CONSTRUCTION  
 ON THIS 4 DAY OF MAY 1999  
 [Signature]  
 CITY OF ARLINGTON PUBLIC WORKS DIRECTOR

**AS BUILT DRAWING**  
 7-12-99

**CASCADE SURVEYING & ENGINEERING, INC.**  
 Engineers Surveyors Planners  
 P.O. BOX 545  
 ARLINGTON, WASHINGTON 98223  
 (360) 435-7551  
 (360) 435-7552  
 (360) 435-5551



DESIGNED	DATE	8/98
DRAWN	IN	DATE 8/98
CHECKED	DATE	
FIELD BOOK	ARL 73	

DESIGNED DATE 8/98  
 DRAWN IN DATE 8/98  
 CHECKED DATE  
 FIELD BOOK ARL 73

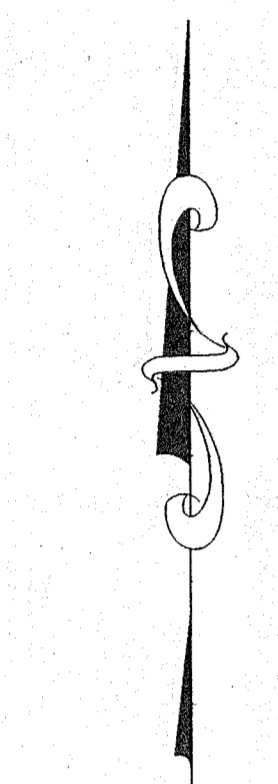
9 LOT SHORT PLAT OF  
**JAY THREE TWO**  
**LOTS 1 & 2**

3 of 7  
 # 12300  
 /CONSOWG/12300EN3

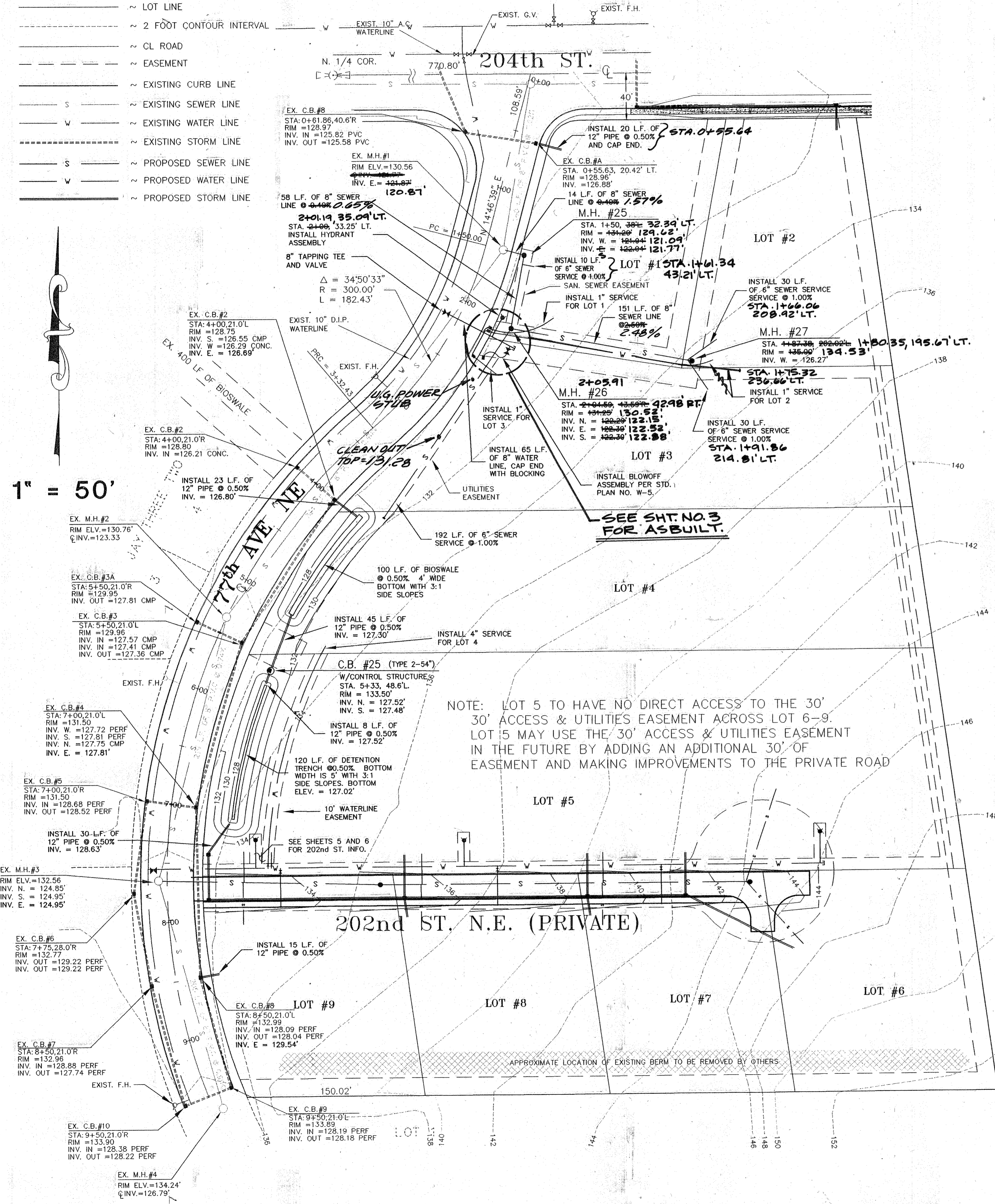
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## LEGEND:

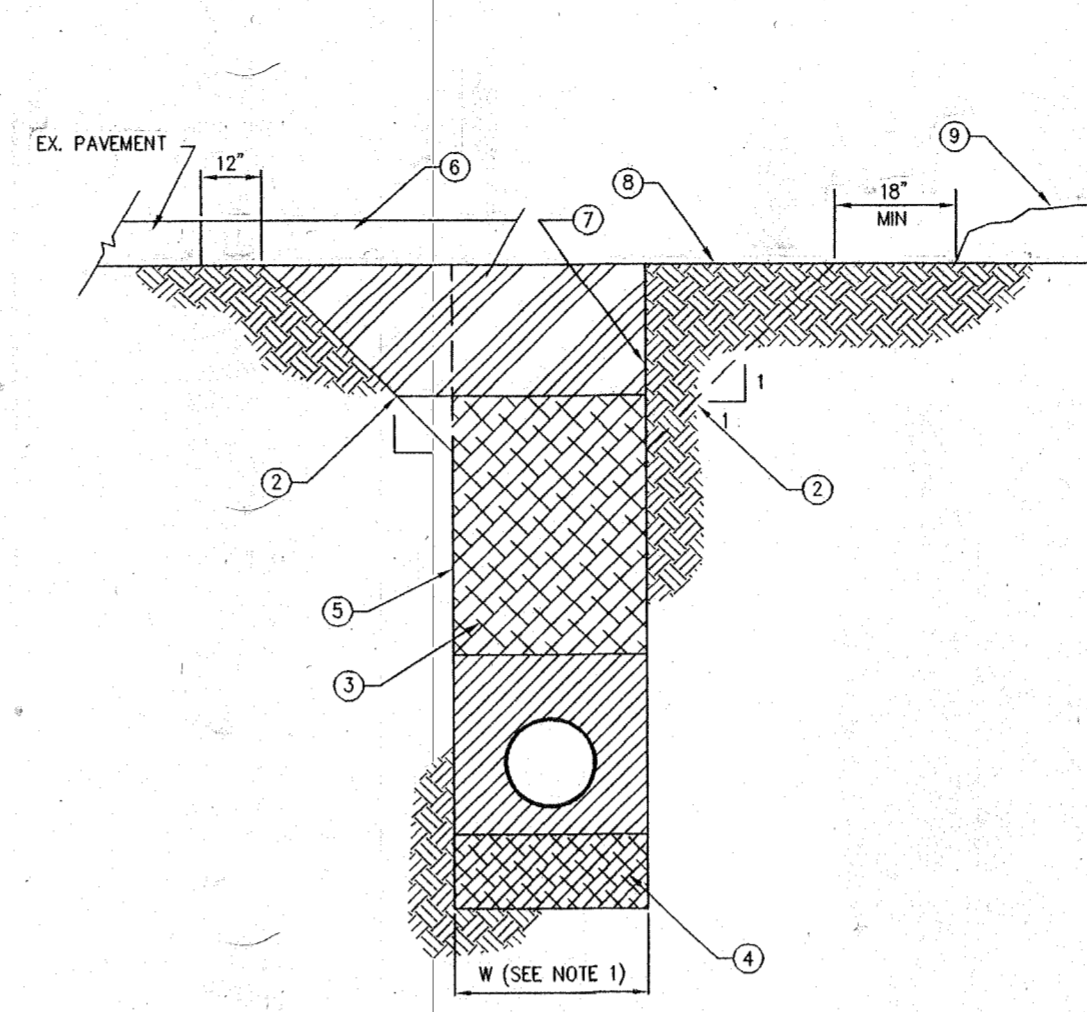
- ~ PROPERTY LINE
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- 2 FOOT CONTOUR INTERVAL
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- ~ EXISTING SEWER LINE
- ~ EXISTING WATER LINE
- ~ EXISTING STORM LINE
- ~ PROPOSED SEWER LINE
- ~ PROPOSED WATER LINE
- ~ PROPOSED STORM LINE



1" = 50'

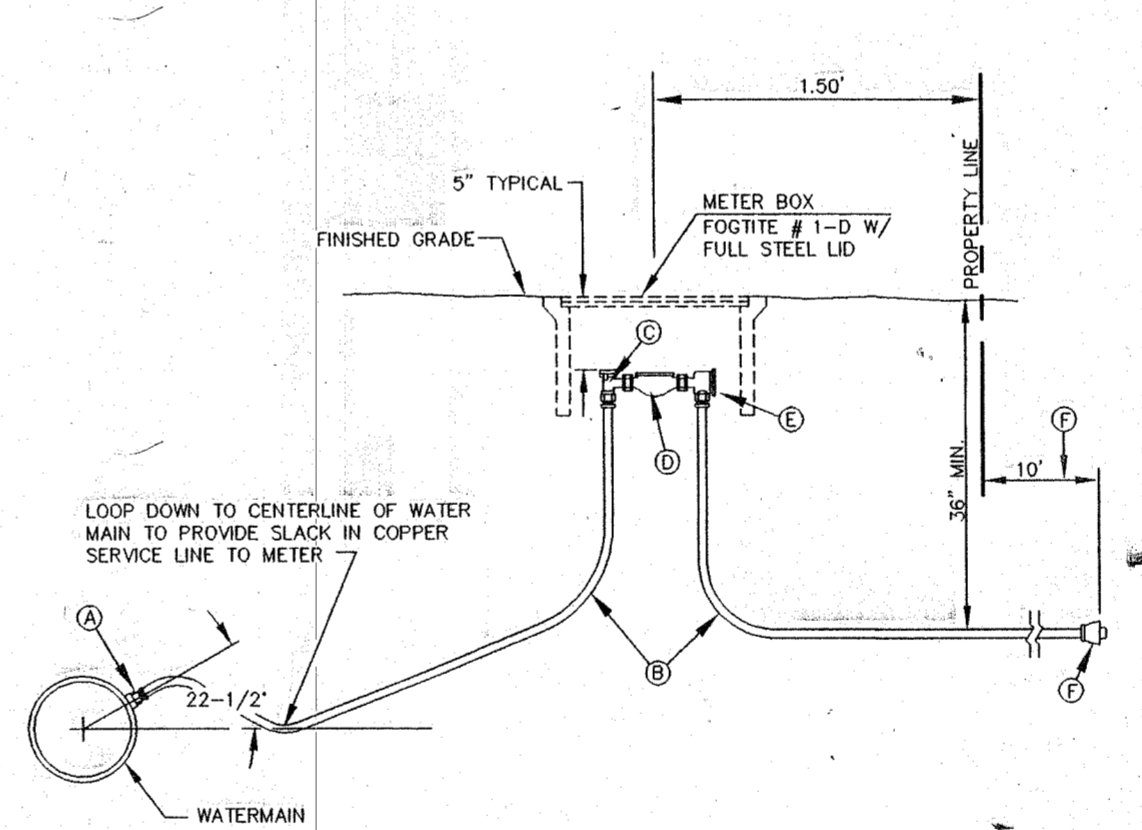


### TYPICAL TRENCH SECTION (R25)



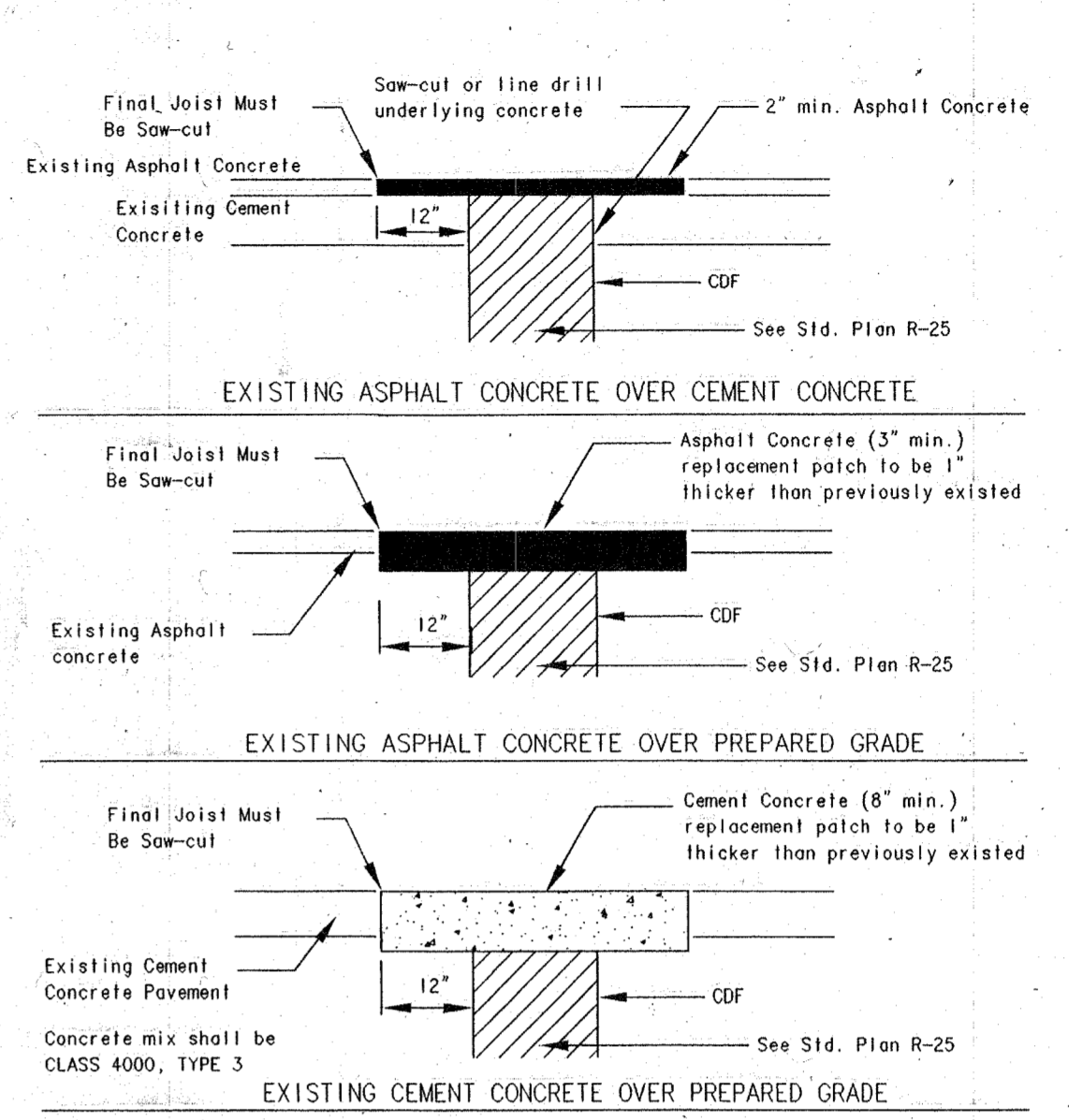
- 1 W = MAXIMUM WIDTH OF TRENCH FOR PIPES 15 OR LESS IN DIA. W=40". FOR PIPES IS OR GREATER W=1-1/2 X I.O. + 18.
- 2 ALTERNATE LAID BACK TRENCH TO MEET O.S.H.A. REQUIREMENTS AND SLOPES STEEPER THAN 1:1 EXCEPT FOR ROCK.
- 3 NATIVE MATERIAL OR IMPORTED GRAVEL BORROW AS DIRECTED, OR CDF AS REQUIRED. COMPACT TO 95% MAXIMUM DENSITY. SEE NOTES A & B.
- 4 FOUNDATION GRAVEL IF REQUIRED BY THE ENGINEER TO REPLACE UNSUITABLE MATERIAL. SHALL BE FOUNDATION MATERIAL CLASS A.
- 5 FOR ADDITIONAL COMPACTION INFORMATION SEE STANDARD DRAWING R-26.
- 6 SEE CITY OF ARLINGTON STANDARD DWG R-23 FOR PAVEMENT PATCH DETAILS.
- 7 VERTICAL TRENCH WALLS WITH SHORING TO CONFORM TO O.S.H.A REGULATIONS.
- 8 SUBGRADE OR GROUND SURFACE IN NONPAVED AREAS.
- 9 EXCAVATED NATIVE MATERIAL OR STOCKPILED BACKFILL MATERIAL.
- 10 FOR ALL TRENCHING, ROADWAY BACKFILL ABOVE THE PIPE ZONE SHALL BE CONTROLLED DENSITY FILL. SEE SECTION 2 OF THESE STANDARDS.
- 11 FOR UTILITY CUTS SUCH AS GAS, TELEPHONE, POWER, AND CABLE TV LONGITUDINAL TO THE ROADWAY, BACKFILL SHALL BE CONTROLLED DENSITY FILL. SEE SECTION 2 OF THESE STANDARDS.

### 1" WATER SERVICE



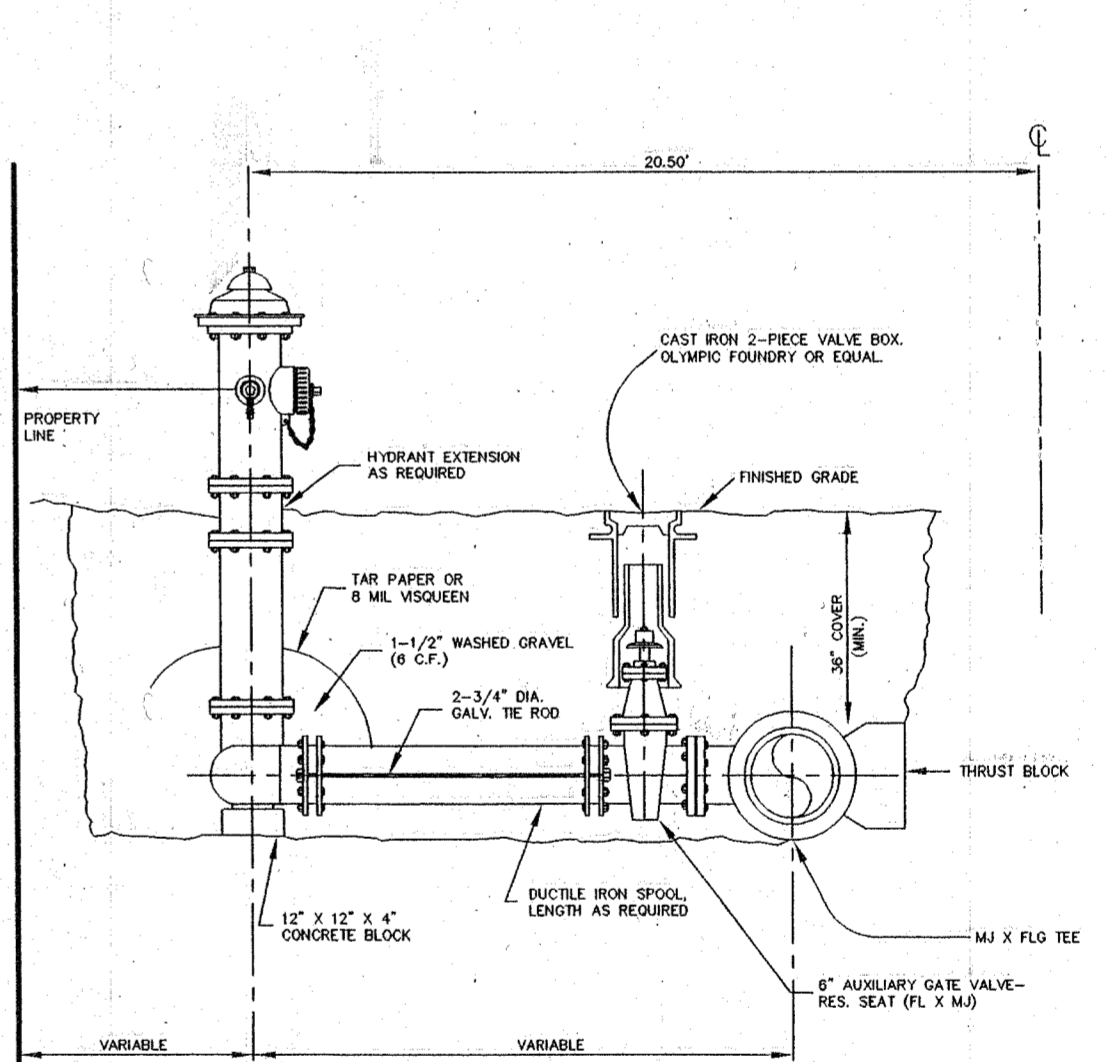
- LOOP DOWN TO CENTERLINE OF WATER MAIN TO PROVIDE SLACK IN COPPER SERVICE LINE TO METER.
- 1 CORPORATION STOP W/CC THREADS FOR COPPER SERVICE EQUAL TO MUELLER CO. H-15025 INSTALLED DIRECTLY INTO DUCTILE IRON WITH MUELLER H-110 ONLY FIT & COMP. ADAPTER.
  - 2 1" TYPE "X" SOFT COPPER TUBING OR CTS CL 200 IN MOL POLYPIPE A #10 COPPER TRACE WIRE IS REQUIRED. CTS CL 200 IN MOL SERVICES SHALL BE 1" MIN INCLUDING ALL FITTINGS EXCEPT ANGLE METER VALVE AND COUPLINGS WHICH SHALL BE 1" X 3/4".
  - 3 WATER METER STOP WITH LOCK WIND FOR COPPER SERVICE EQUAL TO MUELLER CO. H-14255 WITH MUELLER H-110 COMPRESSION FITTINGS.
  - 4 BLANK STUB THE LENGTH OF FUTURE WATER METER. (LENGTH VARIES DEPENDING ON SERVICE SIZE)
  - 5 90° ANGLE CHECK COUPLING W/110 ADAPTER.
  - 6 TYPE "X" COPPER OR CTS CL 200 IN MOL POLYPIPE W/#10 COPPER TRACE WIRE EXTENDED TO BEYOND PROPERTY LINE.
  - 7 MUELLER 110 x 1PT FEMALE ADAPTER AT END.

### PAVEMENT PATCHING DETAILS (R23)



- NOTES:**
1. ALL TRENCHES IN ROADWAY AREAS SHALL BE BACKFILLED AND PATCHED WITH TEMPORARY ASPHALT AT THE END OF EACH WORK DAY, UNLESS PERMISSION IS GRANTED TO DO OTHERWISE BY THE CITY ENGINEER.
  2. ALL TEMPORARY PATCHES SHALL BE PERMANENTLY PATCHED WITHIN 2 WEEKS OF COMPLETION OF WORK WITHIN THE ROADWAY AREA.

### FIRE HYDRANT ASSEMBLY (W1)

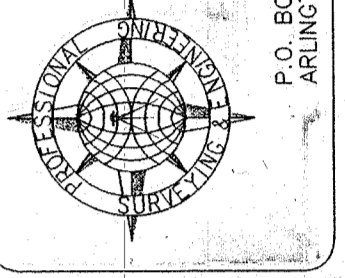


- NOTES:**
- 1 PAINT HYDRANT WITH YELLOW NO. X-3472.
  - 2 DUG-LOCS JOINT RESTRAINT SYSTEM.
  - 3 THE M/J FOLLOWERS SHALL BE MEGA LUG.
  - 4 PAINT THE #505 WITH BITUMINOUS PAINT ACCORDING TO APMA STANDARDS, SPECIFICATION #77-302A.
  - 5 INSTALL BLUE PAVEMENT MARKER IF HYDRANT IS IN RIGHT-OF-WAY.
  - 6 RED HEAD 5" STUB TO 4 1/2" NPT FEMALE ADAPTER STYLE NO. 837-MF-L-ST02Z METAFACE OR EQUAL WITH A METAFACE GAP STYLE NO. 50-MF OR EQUAL.
  - 7 THE DISTANCE BETWEEN THE NEAREST POINT OF THE HYDRANT AND TRAFFIC OR THE FACE OF CURB SHALL BE A MINIMUM OF 24".
- 5 1/4" MVO HYDRANT - MUELLER A-423 ONLY

**ASBUILT DRAWING**  
7-12-99

EXAMINED AND APPROVED FOR CONSTRUCTION  
ON THIS 4 DAY OF May 1999  
CITY OF ARLINGTON PUBLIC WORKS DIRECTOR

**CASCADE & SURVEYING ENGINEERING, INC.**  
Engineers Surveyors Planners  
P.O. BOX 326  
ARLINGTON, WASHINGTON 98223  
TEL: (360) 435-4012  
FAX: (360) 435-4551  
1-800-955-3591



DESIGNED	DATE	BY
REVISION <td>DATE <td>BY </td></td>	DATE <td>BY </td>	BY
REVISED PER CITY COMMENTS	4/99	T.N.
REVISED STORM SYSTEM	4/99	T.N.
AS PER CITY COMMENTS	2/99	T.N.
AS PER CITY COMMENTS	12/98	T.N.

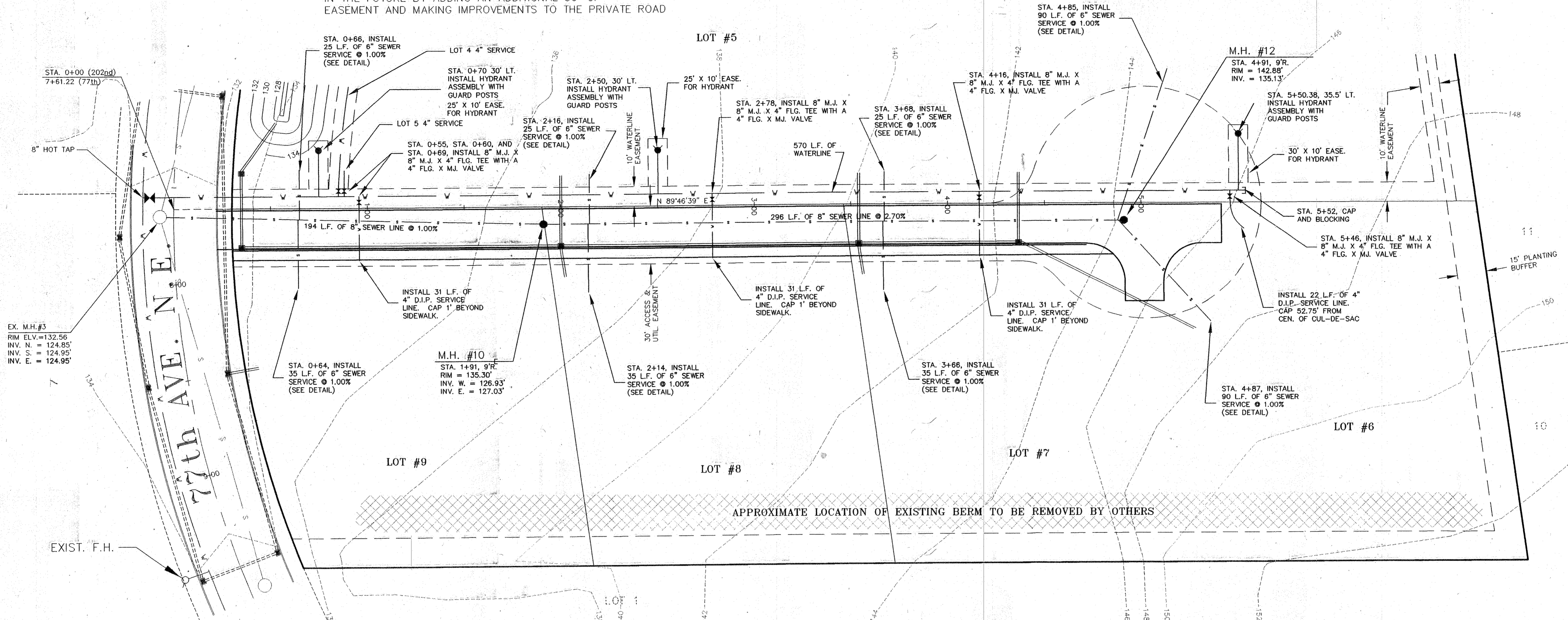
DESIGNED	DATE	BY
DRAWN	DATE	BY
CHECKED	DATE	BY
FIELD BOOK	DATE	BY

9 LOT SHORT PLAT OF  
**JAY THREE TWO**  
**77th AVE.**

# PORTION N.E. 1/4, SEC. 14, T. 31 N., R. 5 E., W.M.

## 202nd AVE. N.E. - PRIVATE ROAD -

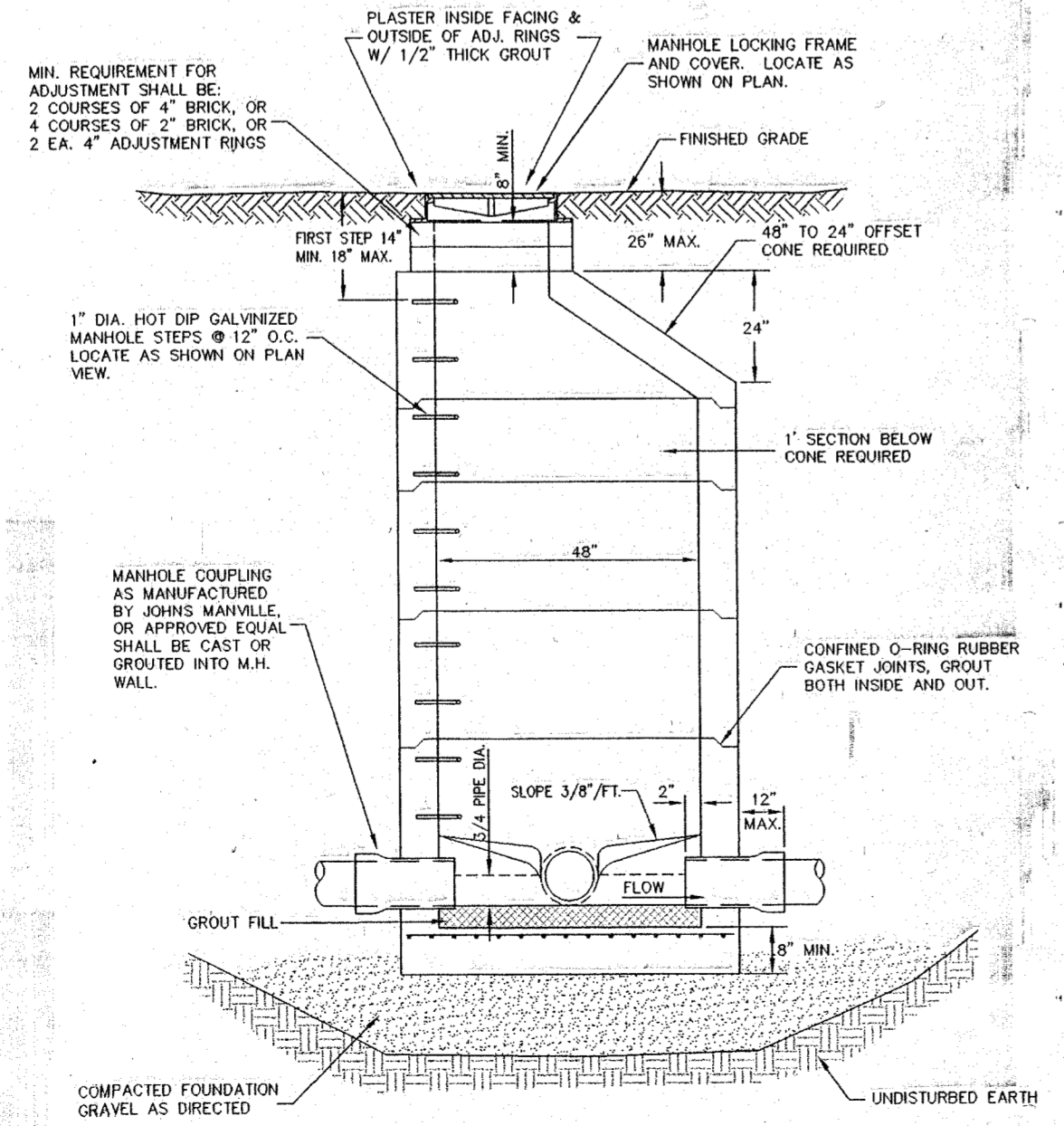
NOTE: LOT 5 TO HAVE NO DIRECT ACCESS TO THE 30' 30' ACCESS & UTILITIES EASEMENT ACROSS LOT 6-9.  
LOT 5 MAY USE THE 30' ACCESS & UTILITIES EASEMENT IN THE FUTURE BY ADDING AN ADDITIONAL 30' OF EASEMENT AND MAKING IMPROVEMENTS TO THE PRIVATE ROAD



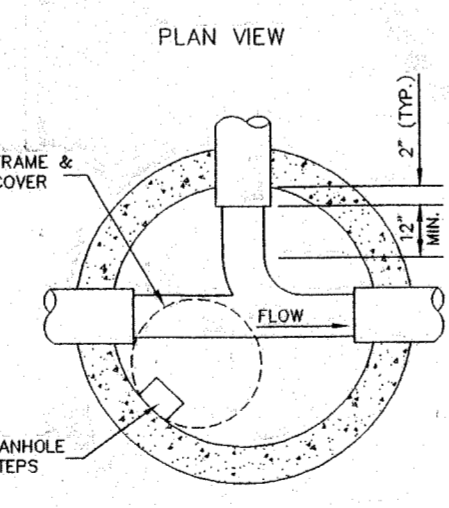
1" = 30'

PLAT OF  
ANTHONY  
PARK,  
VOL. 059  
PAGES 159  
& 160  
#8259

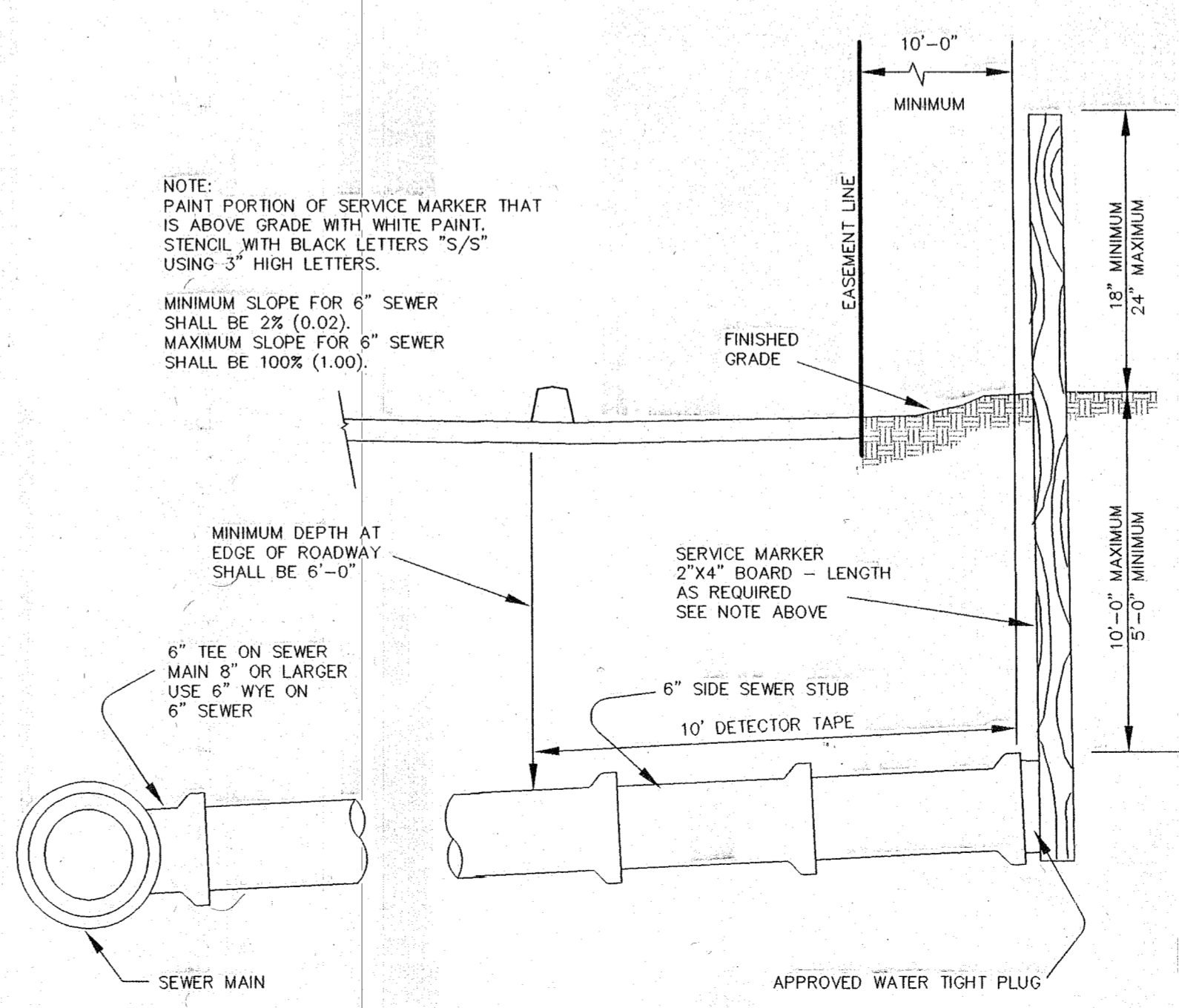
TYPICAL PRECAST MANHOLE (S1)  
N.T.S.



NOTE:  
MONITORING MANHOLES MAY BE REQUIRED ON EACH LOT AT TIME OF CONSTRUCTION AS REQUIRED BY THE CITY.



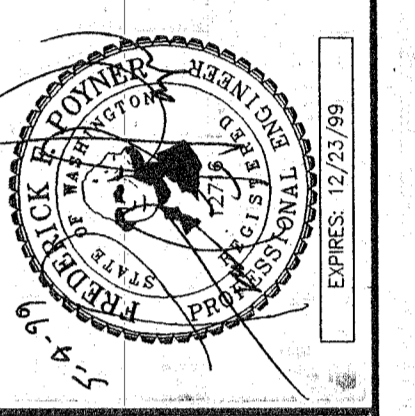
TYPICAL SEWER SERVICE (S8)  
N.T.S.



- LEGEND:**
- ~—~—~~ PROPERTY LINE
  - LOT LINE
  - - - - - 2 FOOT CONTOUR INTERVAL
  - CL ROAD
  - - - - - EASEMENT
  - ~—~~~ EXISTING CURB LINE
  - ~—~~~ EXISTING SEWER LINE
  - ~—~~~ EXISTING WATER LINE
  - ~—~~~ EXISTING STORM LINE
  - ~—~~~ PROPOSED SEWER LINE
  - ~—~~~ PROPOSED WATER LINE
  - ~—~~~ PROPOSED STORM LINE

EXAMINED AND APPROVED FOR CONSTRUCTION  
ON THIS 4 DAY OF MAY 1999.  
*[Signature]*  
CITY OF ARLINGTON PUBLIC WORKS DIRECTOR

**CASCADE SURVEYING & ENGINEERING, INC.**  
Planners  
Surveyors  
Engineers  
P.O. BOX 106  
ARLINGTON, WASHINGTON 98223  
FAX (360) 455-4012  
1-800-553-5551  
(360) 455-4552



DESIGNED	DATE	DRAWN	DATE	CHECKED	DATE	FIELD BOOK	ARL. 75
	5/98		5/98				

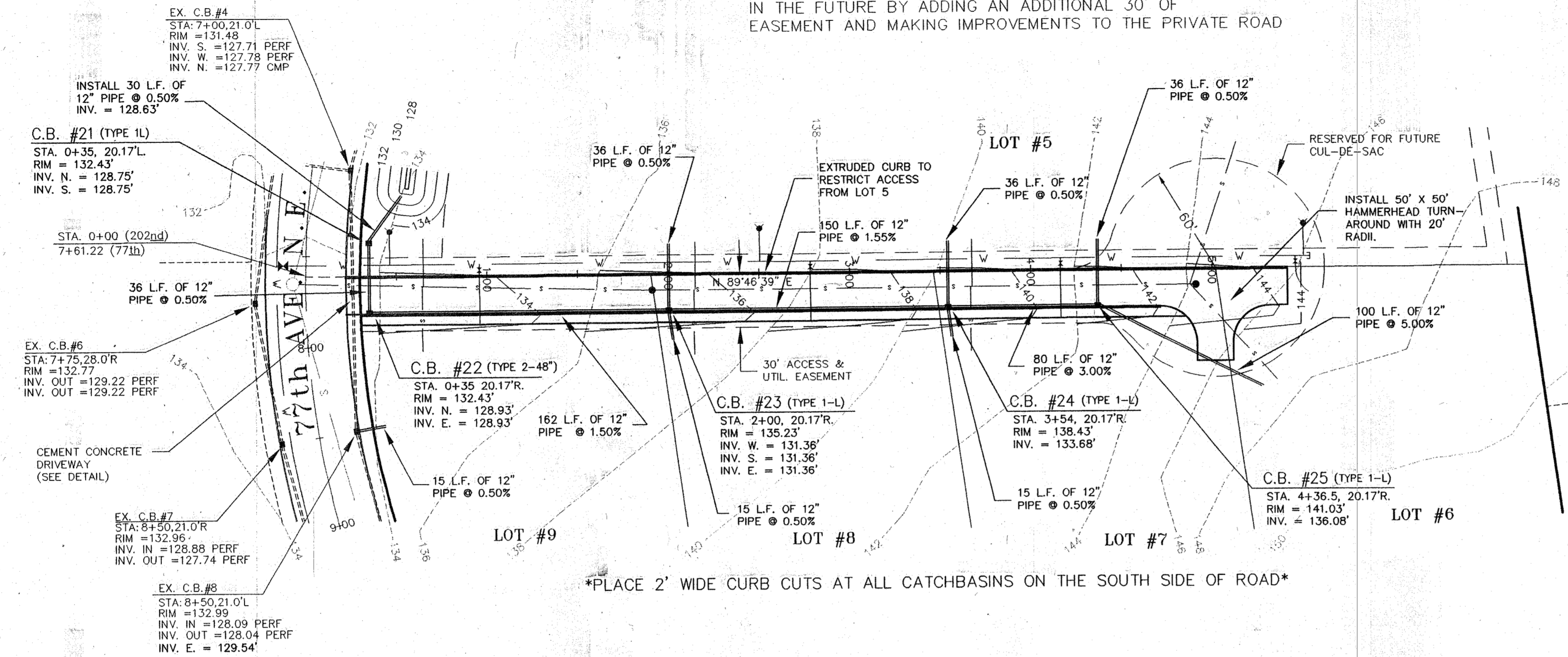
9 LOT SHORT PLAT OF  
JAY THREE TWO  
SEWER AND WATER  
202nd AVE. N.E.  
5 of 7  
#12300  
/CONSDWG/12300ENS

# PORTION N.E. 1/4, SEC. 14, T. 31 N., R. 5 E., W.M.

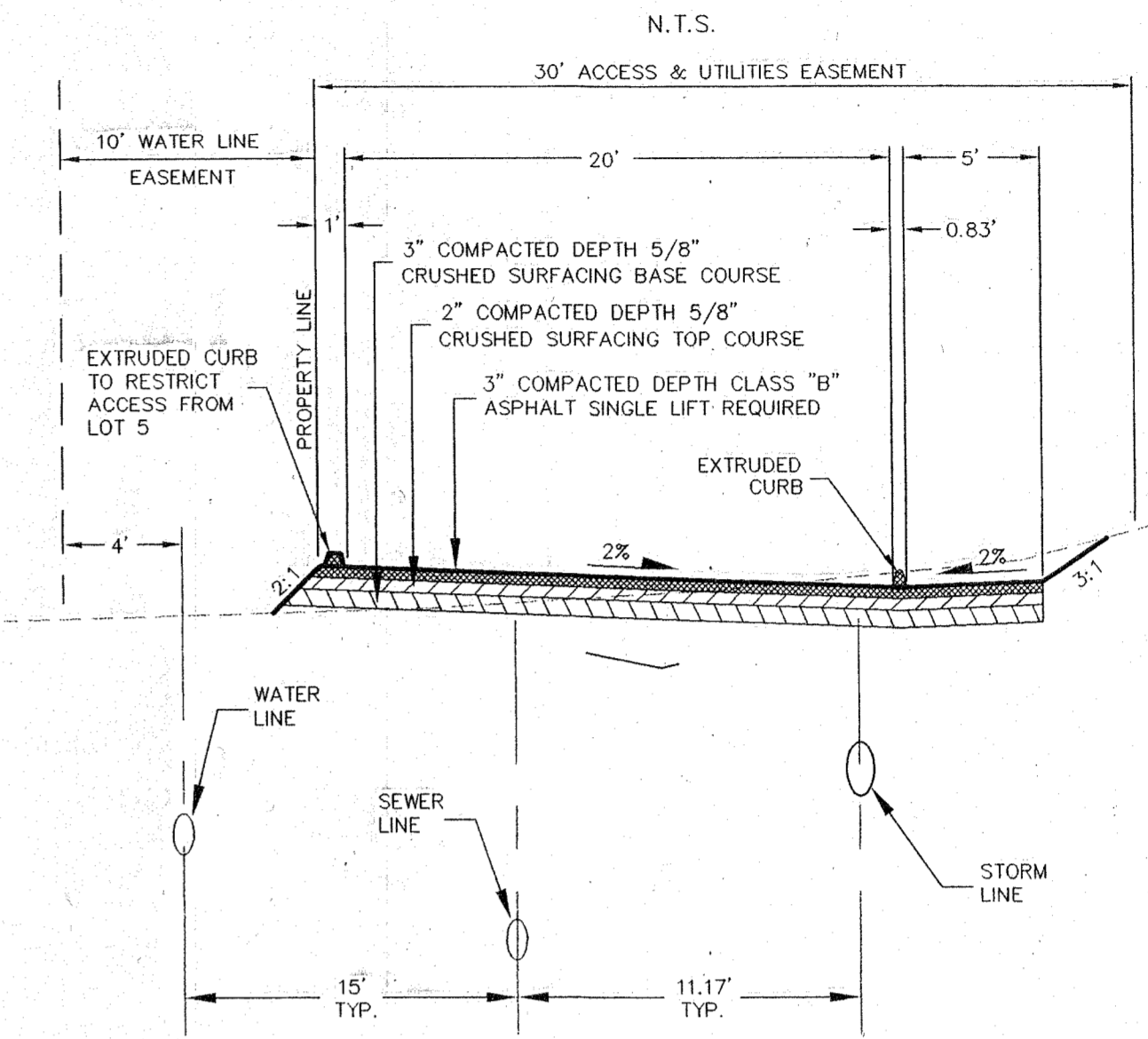
## LEGEND:

- ~—~—~ PROPERTY LINE
- LOT LINE
- - - - - 2 FOOT CONTOUR INTERVAL
- CL ROAD
- - - - - EASEMENT
- EXISTING CURB LINE
- EXISTING SEWER LINE
- EXISTING WATER LINE
- - - - - EXISTING STORM LINE
- PROPOSED SEWER LINE
- PROPOSED WATER LINE
- - - - - PROPOSED STORM LINE

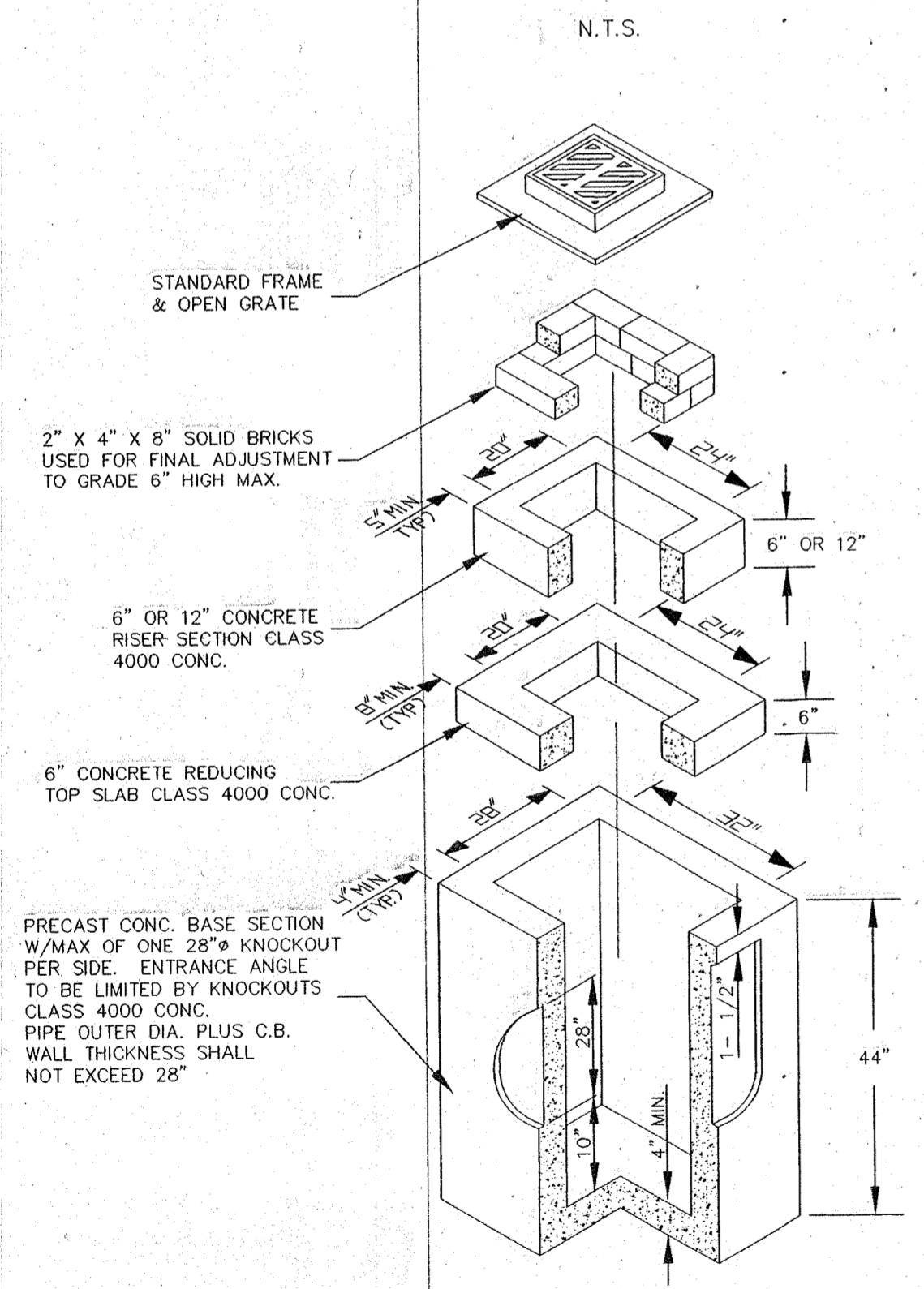
NOTE: LOT 5 TO HAVE NO DIRECT ACCESS TO THE 30' ACCESS & UTILITIES EASEMENT ACROSS LOT 6-9. LOT 5 MAY USE THE 30' ACCESS & UTILITIES EASEMENT IN THE FUTURE BY ADDING AN ADDITIONAL 30' OF EASEMENT AND MAKING IMPROVEMENTS TO THE PRIVATE ROAD



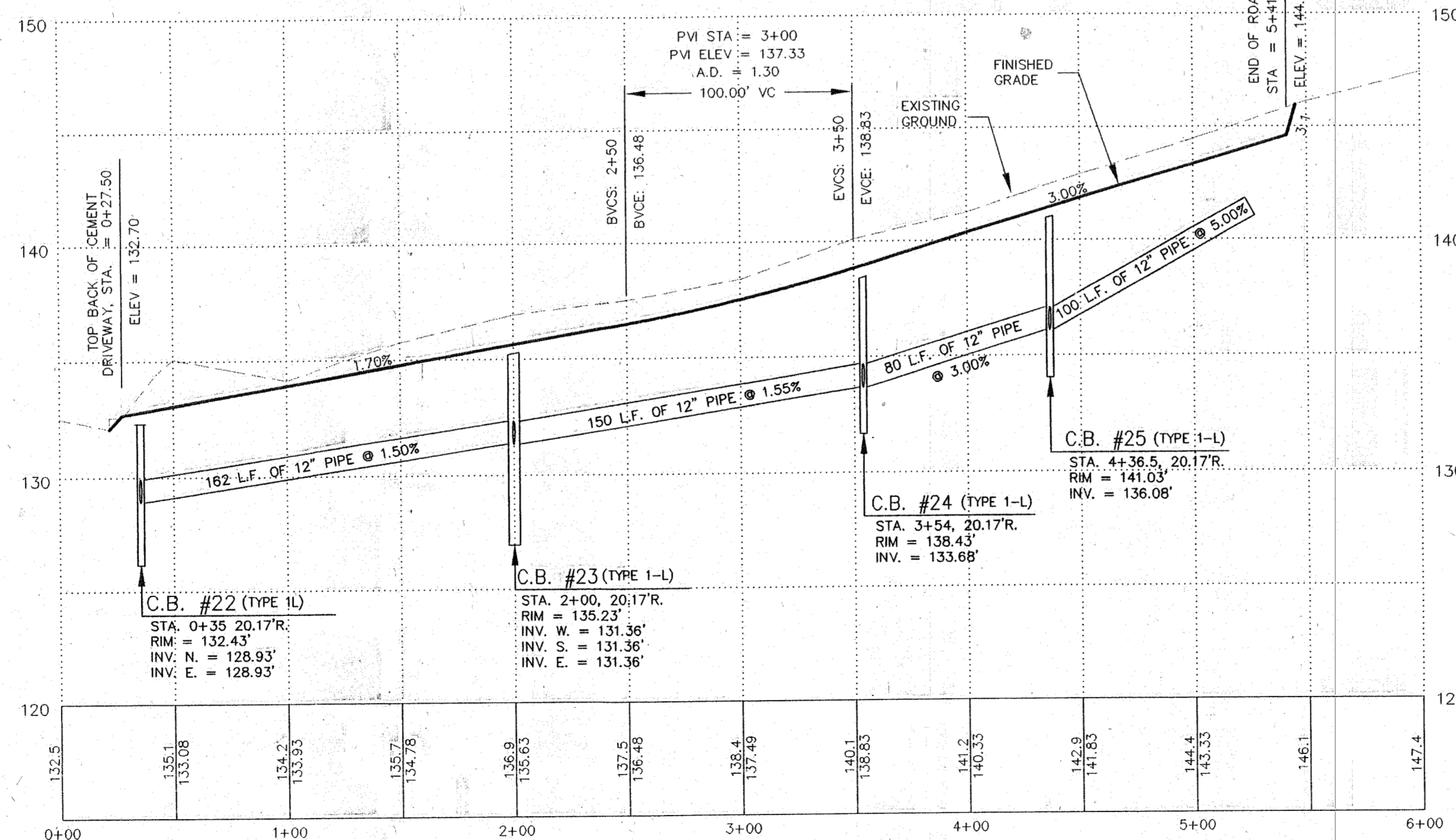
## PRIVATE ACCESS ROAD SECTION



## TYPE 1L C.B. (SD 3)

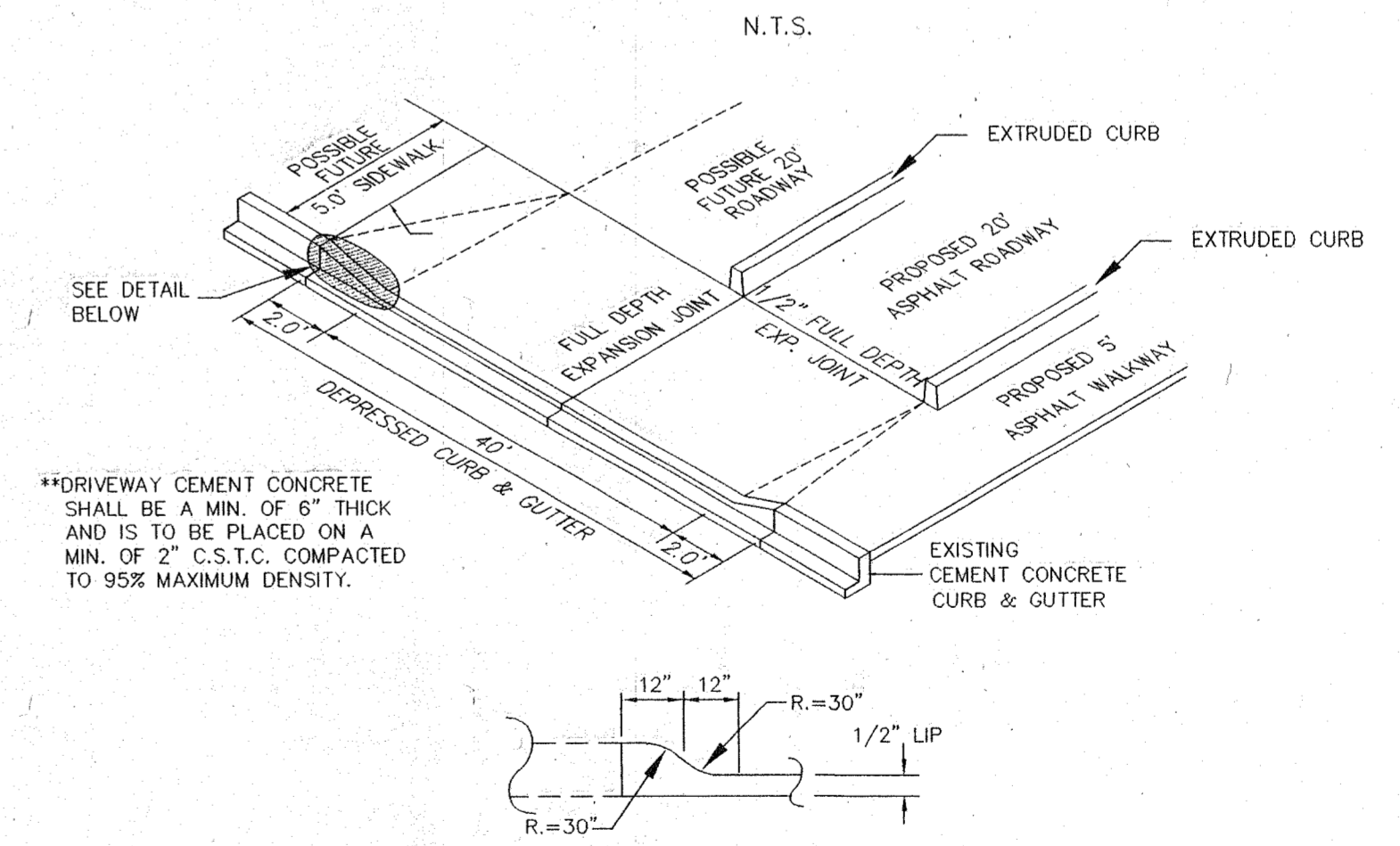


## 202nd AVE. N.E. - PRIVATE ROAD -



1" = 50'

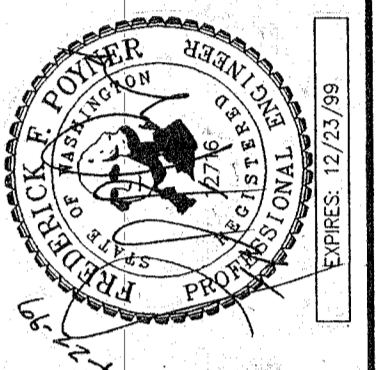
## CEMENT CONCRETE DRIVEWAY



\*DRIVEWAY CEMENT CONCRETE SHALL BE A MIN. OF 6" THICK AND IS TO BE PLACED ON A MIN. OF 2" C.S.T.C. COMPACTED TO 95% MAXIMUM DENSITY.

EXAMINED AND APPROVED FOR CONSTRUCTION ON THIS 4 DAY OF May 1999.  
*[Signature]*  
 CITY OF ARLINGTON PUBLIC WORKS DIRECTOR

**CASCADE & SURVEYING ENGINEERS, INC.**  
 Surveyors & Planners  
 (360) 435-5551  
 (360) 435-5551  
 1-800-593-5551  
 P.O. BOX 326  
 ARLINGTON, WASHINGTON 98223  
 EXPRESS 02/23/98



REVISION	DATE	BY
REVISED STORM SYSTEM	04/99	T.N.
AS PER CITY COMMENTS	02/99	T.N.
AS PER CITY COMMENTS	12/98	T.N.

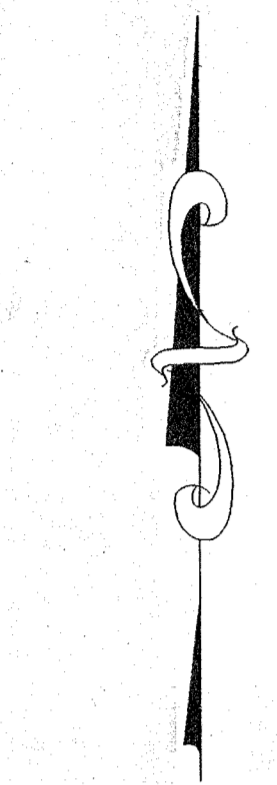
DESIGNED	DATE 8/98
DRAWN	T.N. DATE 8/98
CHECKED	DATE
FIELD BOOK	APR. 73

9 LOT SHORT PLAT OF  
 JAY THREE TWO  
 ROAD AND STORM  
**202nd AVE. N.E.**

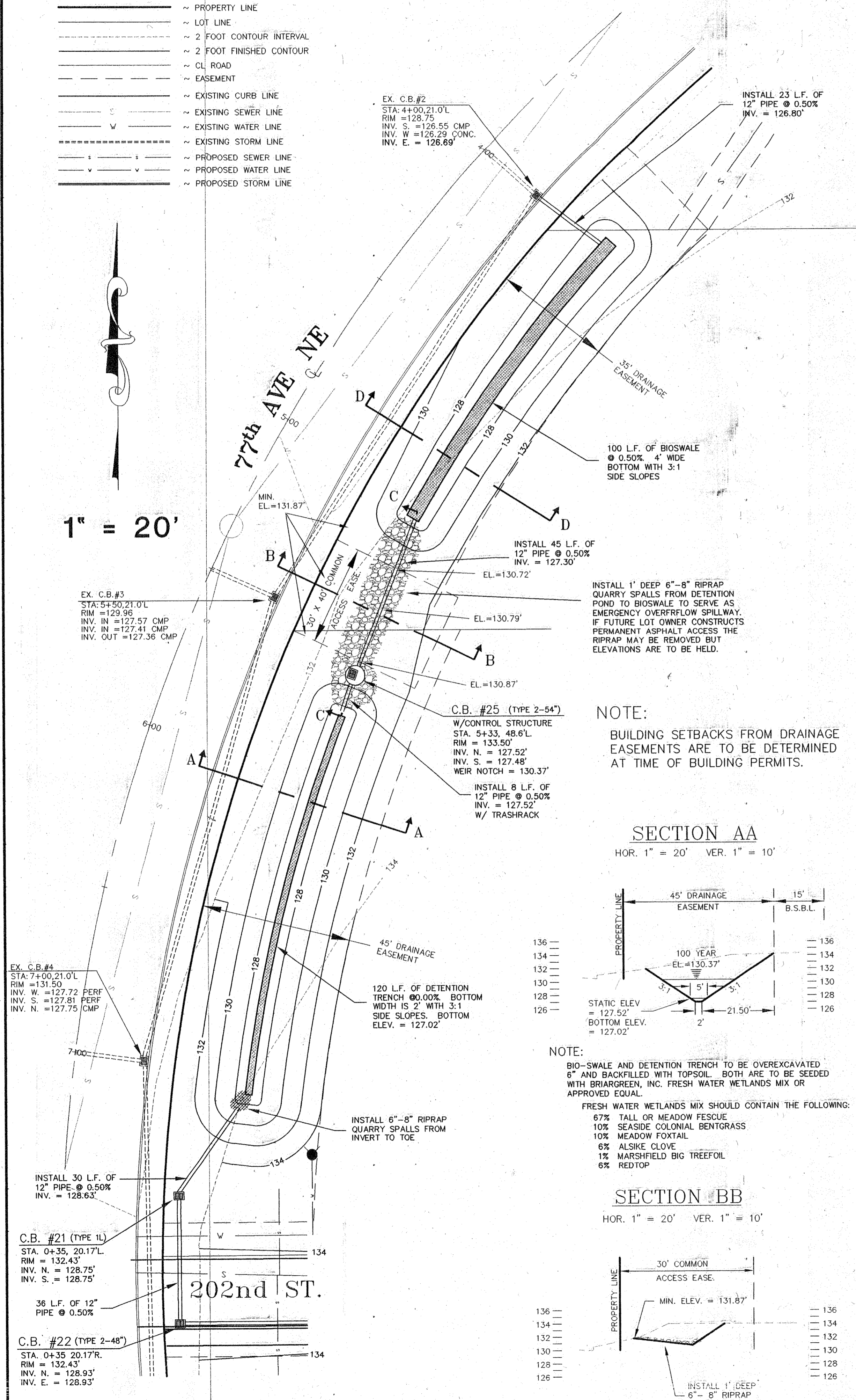
# PORTION N.E. 1/4, SEC. 14, T. 31 N., R. 5 E., W.M.

## LEGEND:

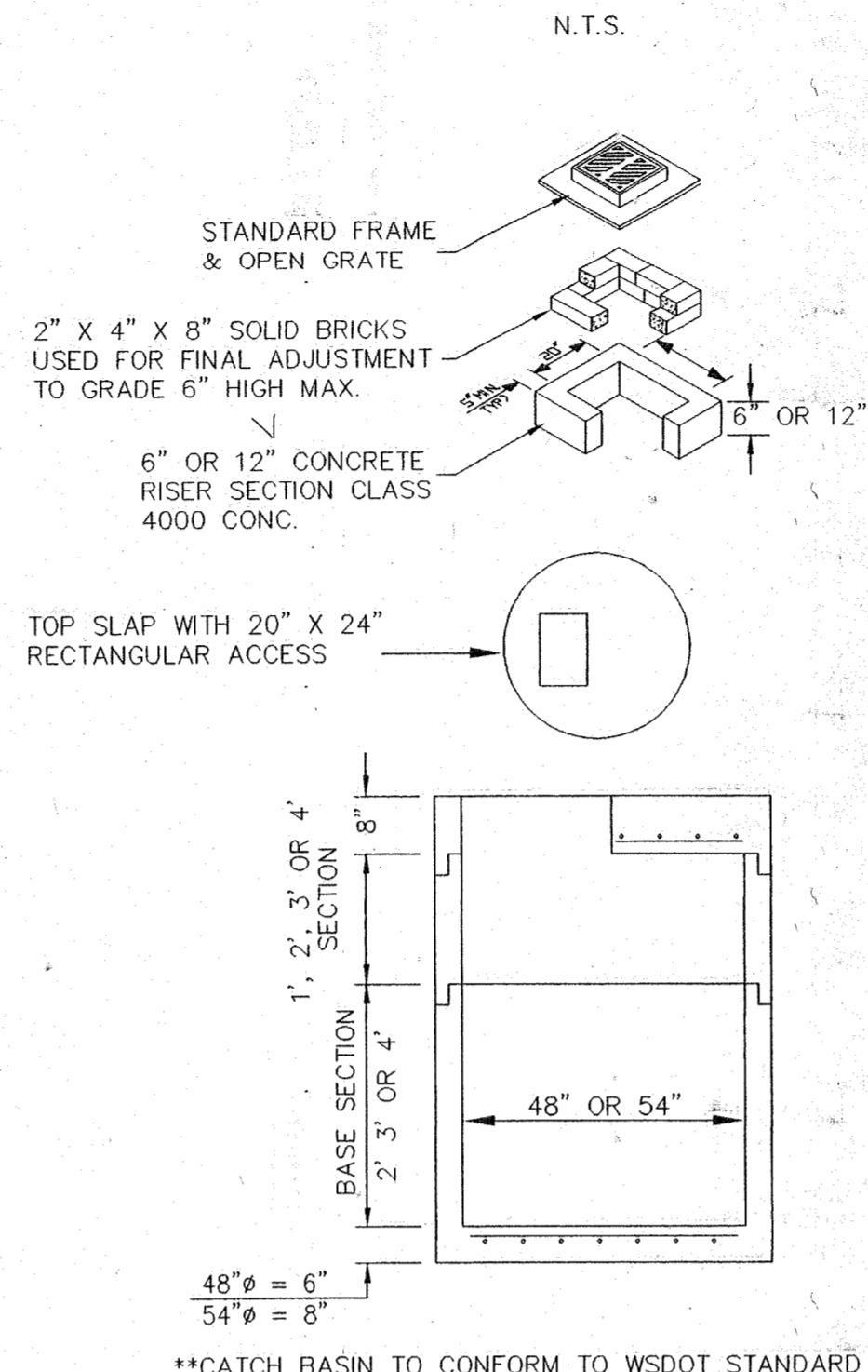
- PROPERTY LINE
- LOT LINE
- - - 2 FOOT CONTOUR INTERVAL
- - - 2 FOOT FINISHED CONTOUR
- - - CL ROAD
- - - EASEMENT
- - - EXISTING CURB LINE
- - - EXISTING SEWER LINE
- - - EXISTING WATER LINE
- - - EXISTING STORM LINE
- - - PROPOSED SEWER LINE
- - - PROPOSED WATER LINE
- - - PROPOSED STORM LINE



1" = 20'



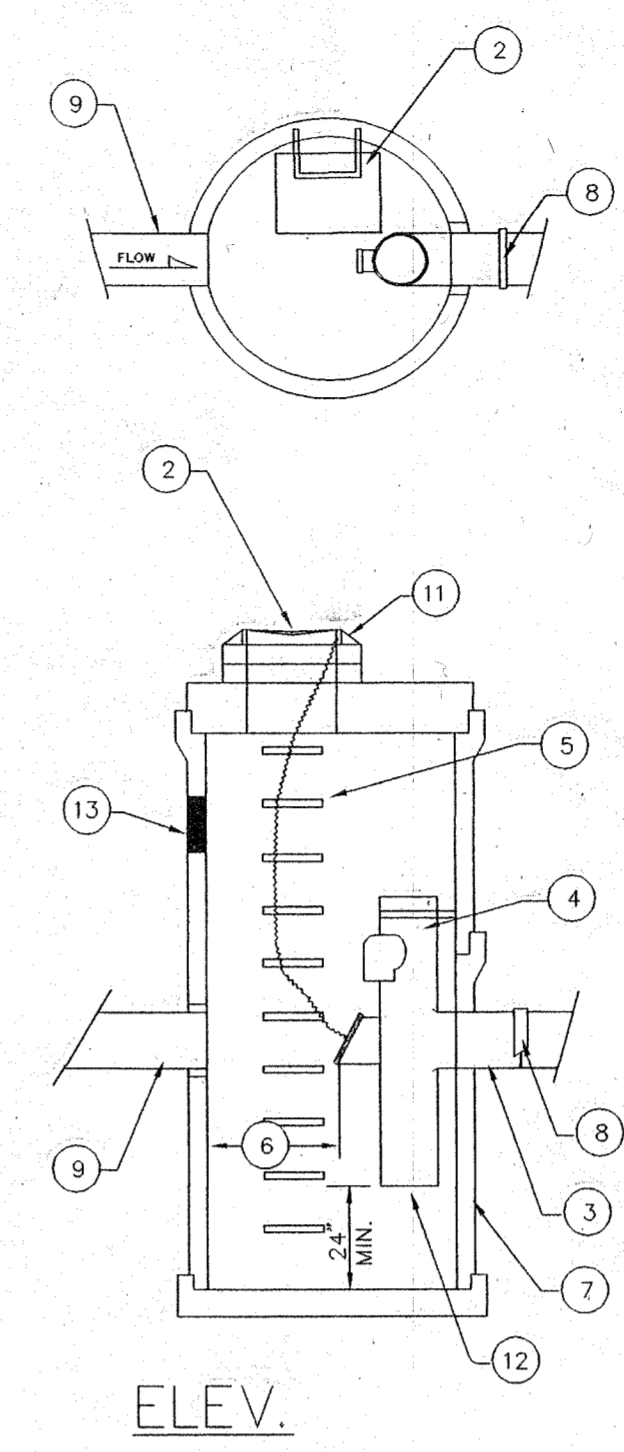
### TYPE 2 C.B. (SD 4)



### NOTES

1. ALL TYPE 2 C.B.'S EQUIPPED WITH OPEN GRATES SHALL BE LOCKING TYPE.
2. ALL TYPE 2 C.B.'S NOT IN PAVED AREAS SHALL BE EQUIPPED WITH LOCKING LIDS.
3. C.B.'S SHALL BE SET SO THAT STEPS ARE DIRECTLY UNDER OPENING.
4. ALL TYPE 2 C.B.'S SHALL BE EQUIPPED WITH STEPS AND LADDER PER STD 606.
5. CONCRETE SHALL BE CLASS 4000.
6. MIN. DISTANCE FROM INVERT TO CB BOTTOM SHALL BE 2.0'.
7. CB SECTIONS AND LID WILL BE HS20 TRAFFIC LOAD CERTIFIED BY MFG.
8. HOLE SIZE = PIPE OD + 5" MAX.

### FLOW RESTRICTOR INSTALLATION C.B.#22(SD 9)

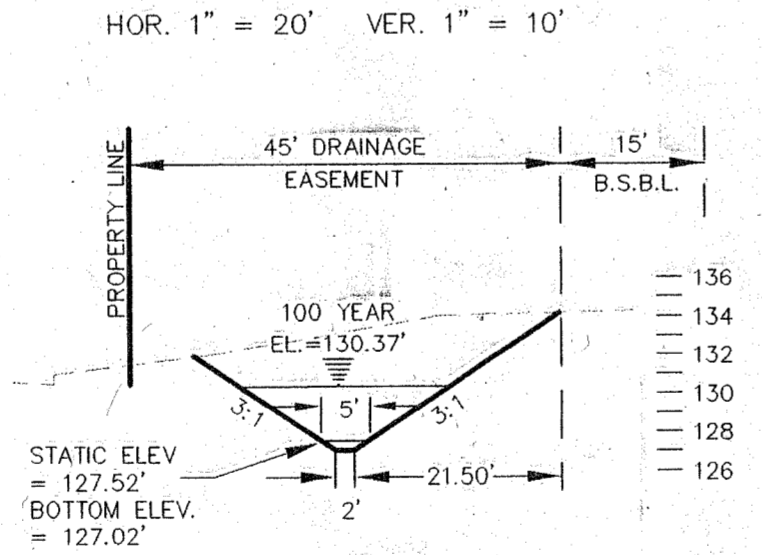


2. INSTALL LOCKING FRAME & GRATE OR LID PER STD. DWG 405 OR 607. FRAME AND LID PER STD DWG 607 IS REQUIRED IF INSTALLATION IS NOT IN PAVED AREA OR IS NOT TO FUNCTION AS A CB.
3. OUTFLOW PIPE, ELEV. = 127.52'
4. RESTRICTOR ASSEMBLY SEE DETAIL
5. STEP PER CITY OF ARLINGTON STANDARD
6. MIN. CLEARANCE IS 18" FOR OUTLETS OF 18" AND SMALLER.
7. 54" TYPE 2 C.B. OR LARGER.
8. BAND STRAP WITH GASKET.
9. PIPE ENTERING C.B. IS 12", ELEV. = 127.48'
10. SECURE SEPARATOR TO C.B. WITH 8 GA. ALUMINUM STRAP. BOLT TO C.B. WALL WITH STAINLESS STEEL ANCHOR BOLTS AND TACK WELD TO SEPARATOR UNIT. ONE STRAP ABOVE AND BELOW OUTLET REQUIRED. INTERMEDIATE STRAPS REQ'D FOR RISERS GREATER THAN 12" FROM OUTLET
11. BOLT OR WELD CHAIN TO FRAME
12. RESTRICTOR PLATE WITH 2-3/8" DIA. SHARP EDGED SHOP DRILLED ORIFICE.
13. 2' LONG X 1' HIGH WEIR OPENING WITH 5-#4 BARS (VERT.) @ 4" O.C. FOR POND OVERFLOW NOTCH ELEV. = 130.37'

### NOTE:

BUILDING SETBACKS FROM DRAINAGE EASEMENTS ARE TO BE DETERMINED AT TIME OF BUILDING PERMITS.

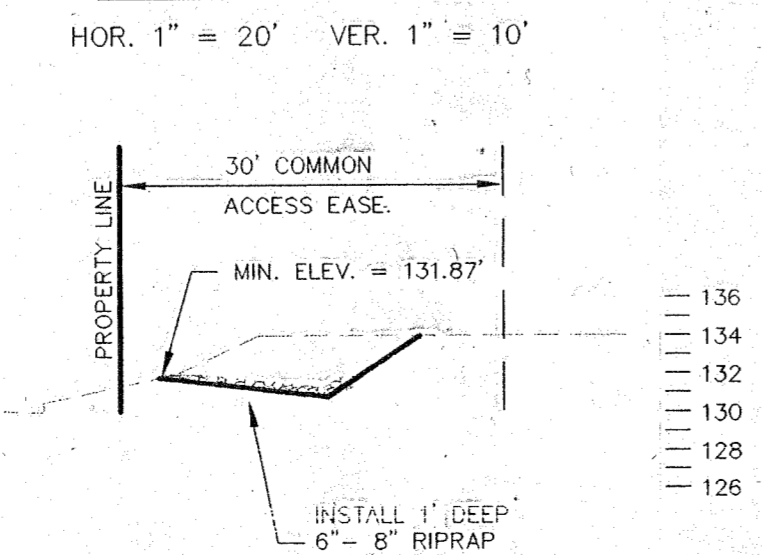
### SECTION AA



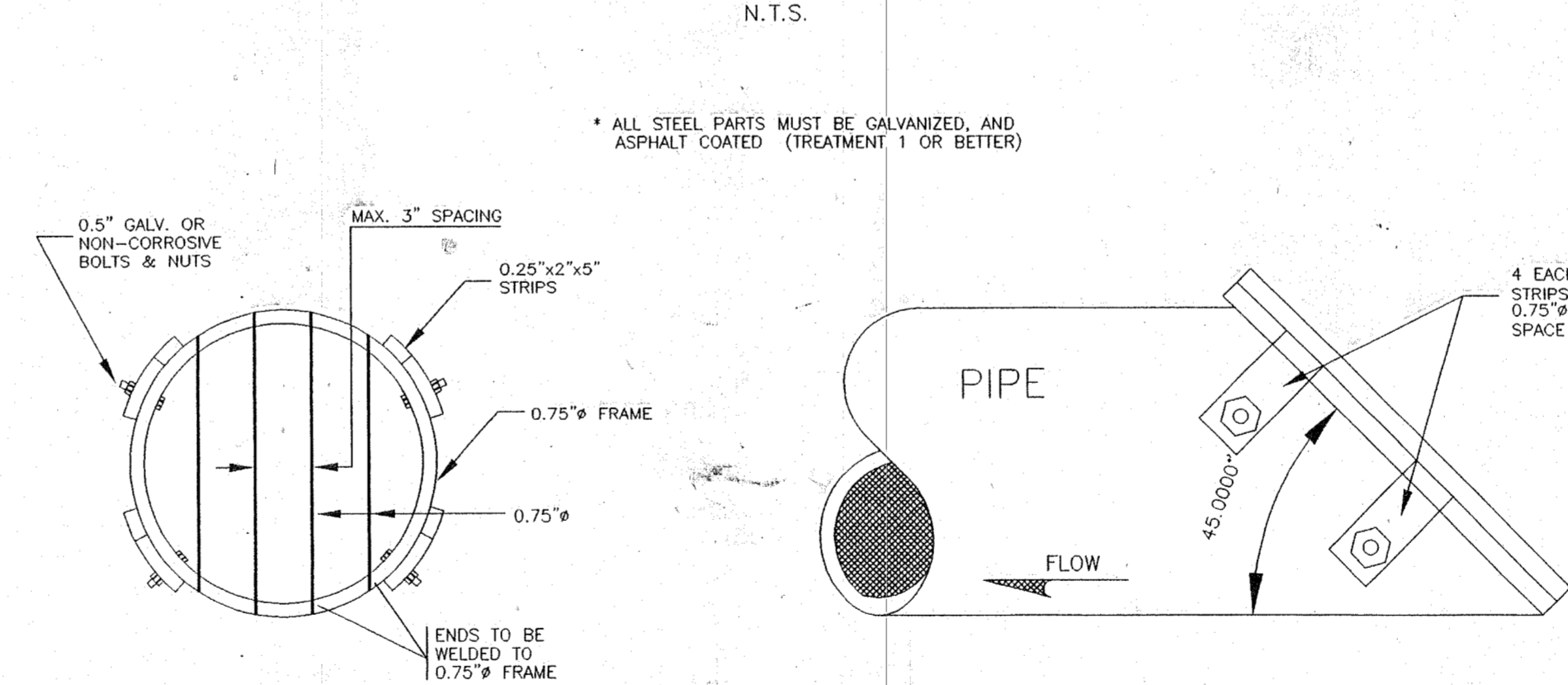
### NOTE:

BIO-SWALE AND DETENTION TRENCH TO BE OVEREXCAVATED 6" AND BACKFILLED WITH TOPSOIL. BOTH ARE TO BE SEEDED WITH BIRMGREEN, INC. FRESH WATER WETLANDS MIX OR APPROVED EQUAL. FRESH WATER WETLANDS MIX SHOULD CONTAIN THE FOLLOWING:  
 67% TALL OR MEADOW FESCUE  
 10% SEASIDE COLONIAL BENTGRASS  
 10% MEADOW FOXTAIL  
 6% ALSIKE CLOVE  
 1% MARSHFIELD BIG TREEFOIL  
 6% REDTOP

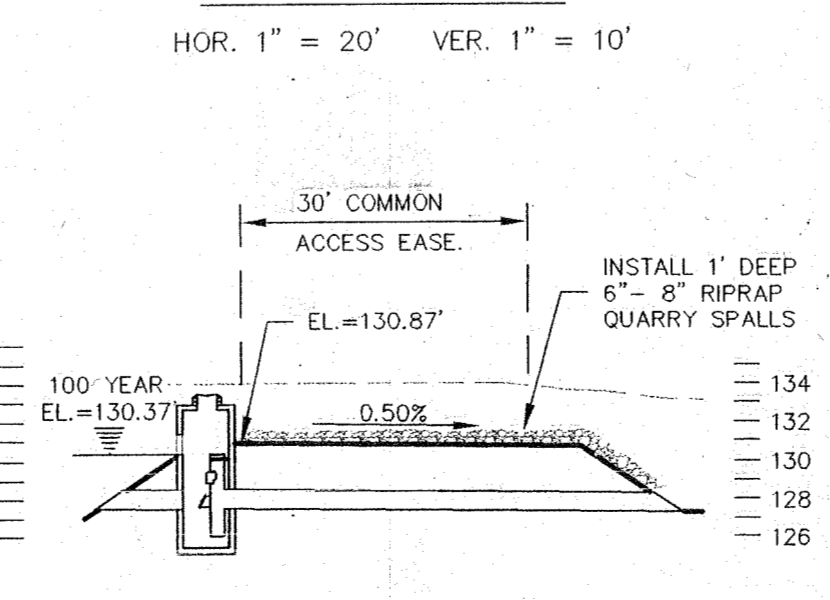
### SECTION BB



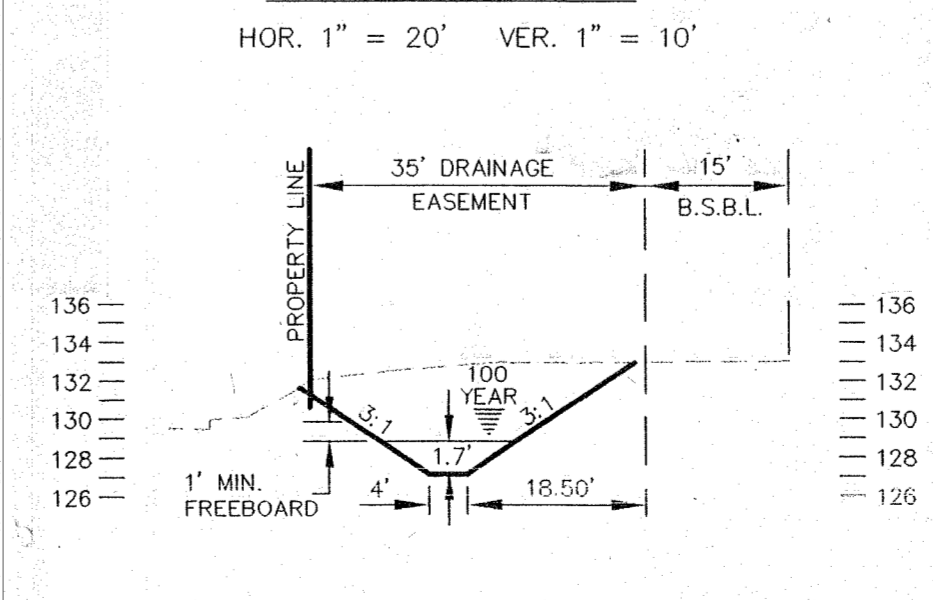
### TRASH RACK DETAIL (SD 12)



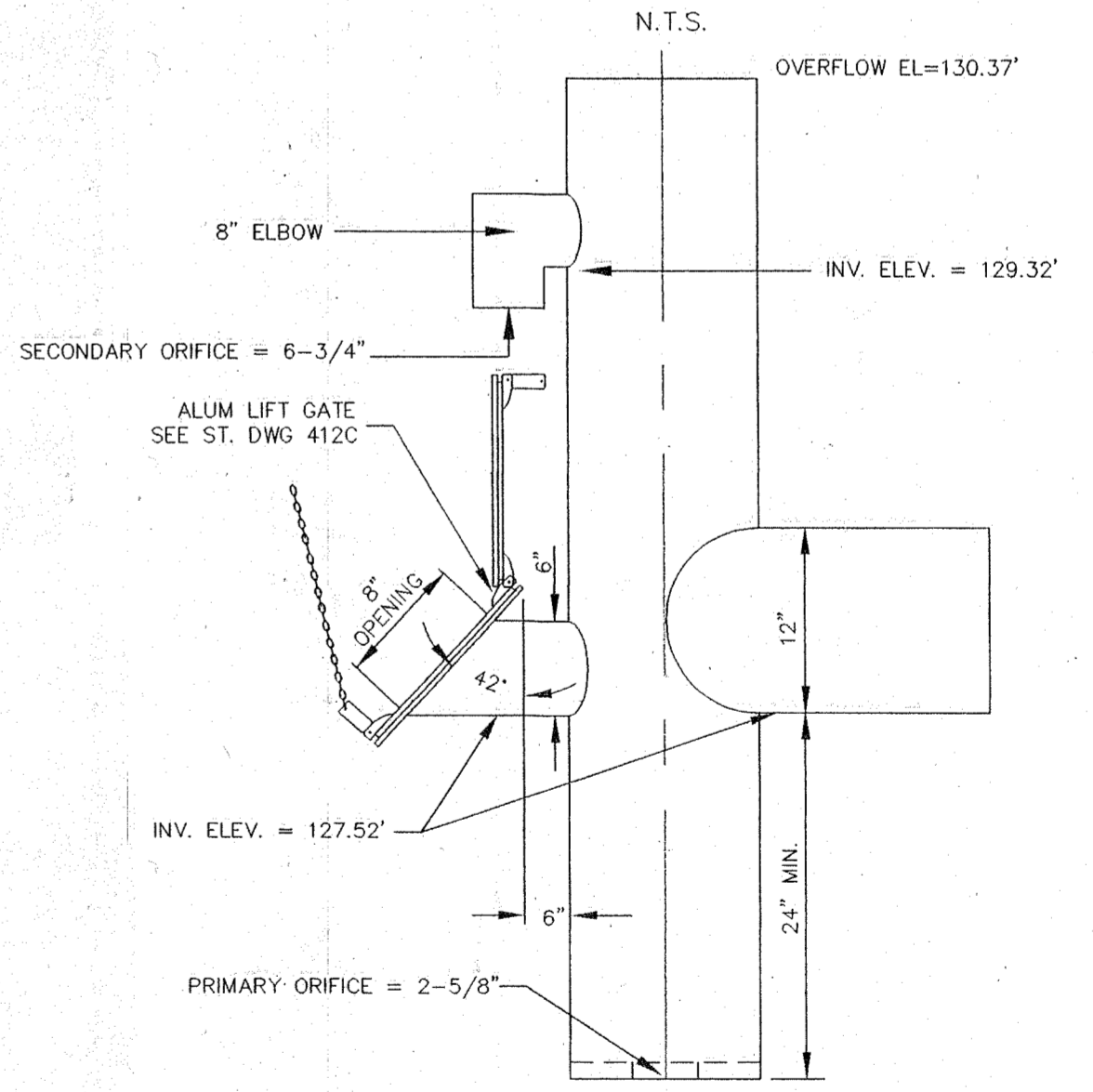
### SECTION CC



### SECTION DD



### RESTRICTOR UNIT & LIFT GATE ASSEMBLY (SD10)



RESTRICTOR UNIT NOTE:  
 RESTRICTOR UNIT SHALL BE CONSTRUCTED OF CORRUGATED ALUMINUM PIPE (CAP) ALCAD 3004-H34, AASHTO M 197-82 (1986)

EXAMINED AND APPROVED FOR CONSTRUCTION ON THIS 4 DAY OF MAY 1999.  
 [Signature]  
 CITY OF ARLINGTON PUBLIC WORKS DIRECTOR

**CASCADE SURVEYING & ENGINEERING, INC.**  
 Engineers Surveyors Planners  
 P.O. BOX 326  
 ARLINGTON, WASHINGTON 98223  
 (360)435-5551  
 (800)952-7572  
 FAX (360)435-4012  
 1-800-952-5551



REVISED AS PER CITY COMMENTS	DATE	T.N.
	04/99	T.N.
REVISED STORM	04/99	T.N.
REVISION		

DESIGNED	DATE 8/98
DRAWN	T.N. DATE 8/98
CHECKED	DATE
FIELD BOOK	ARL 73

9 LOT SHORT PLAT OF  
**JAY THREE TWO**  
 DETENTION SYSTEM