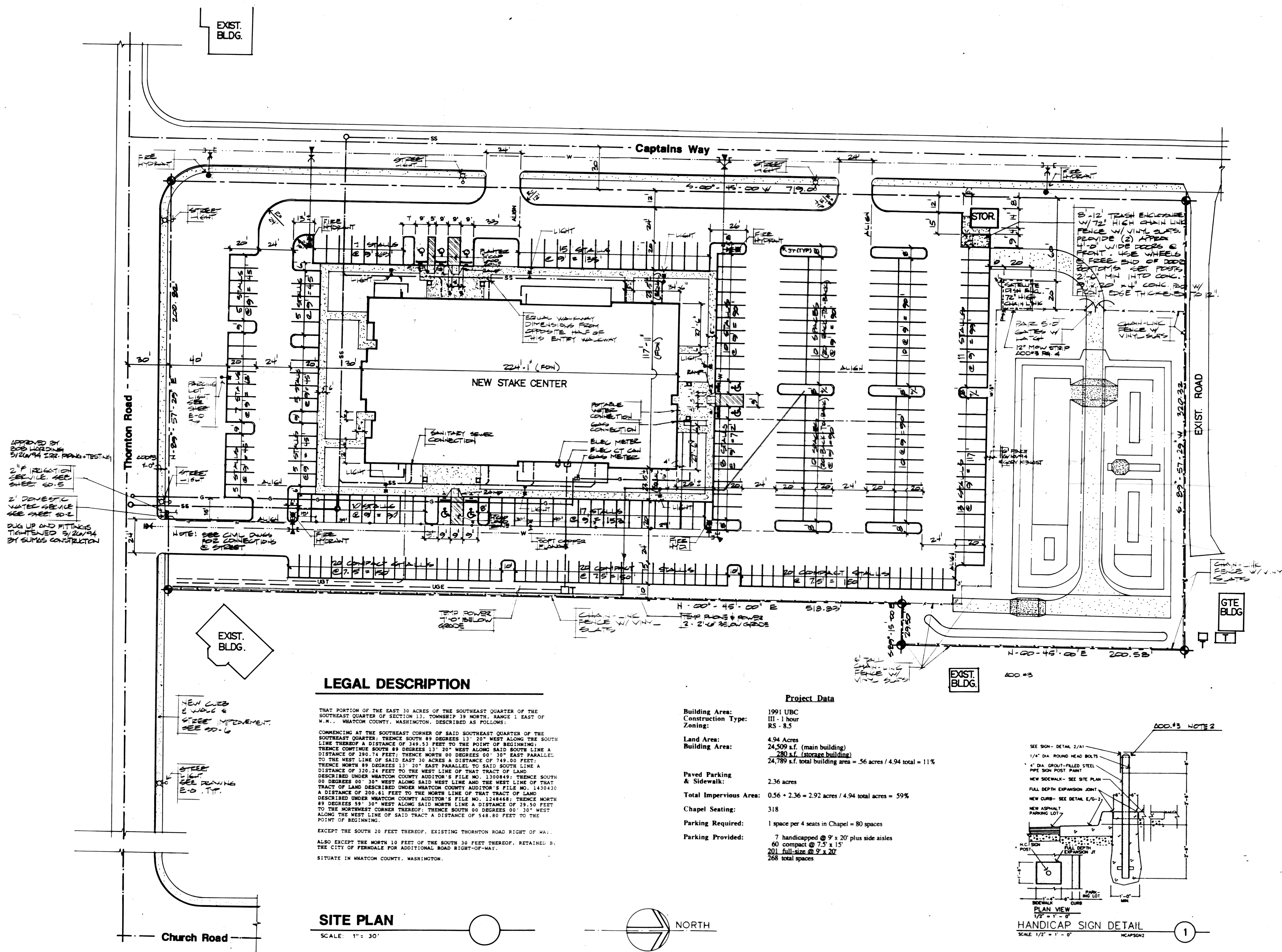
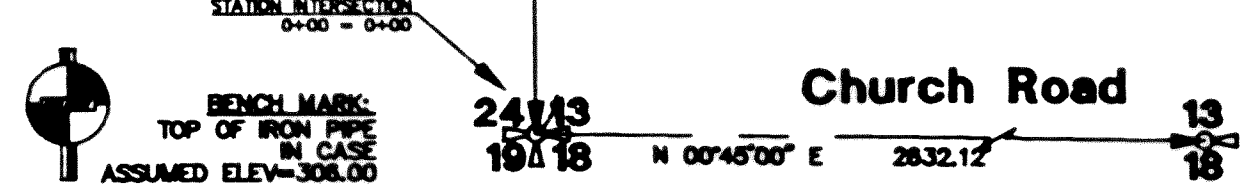
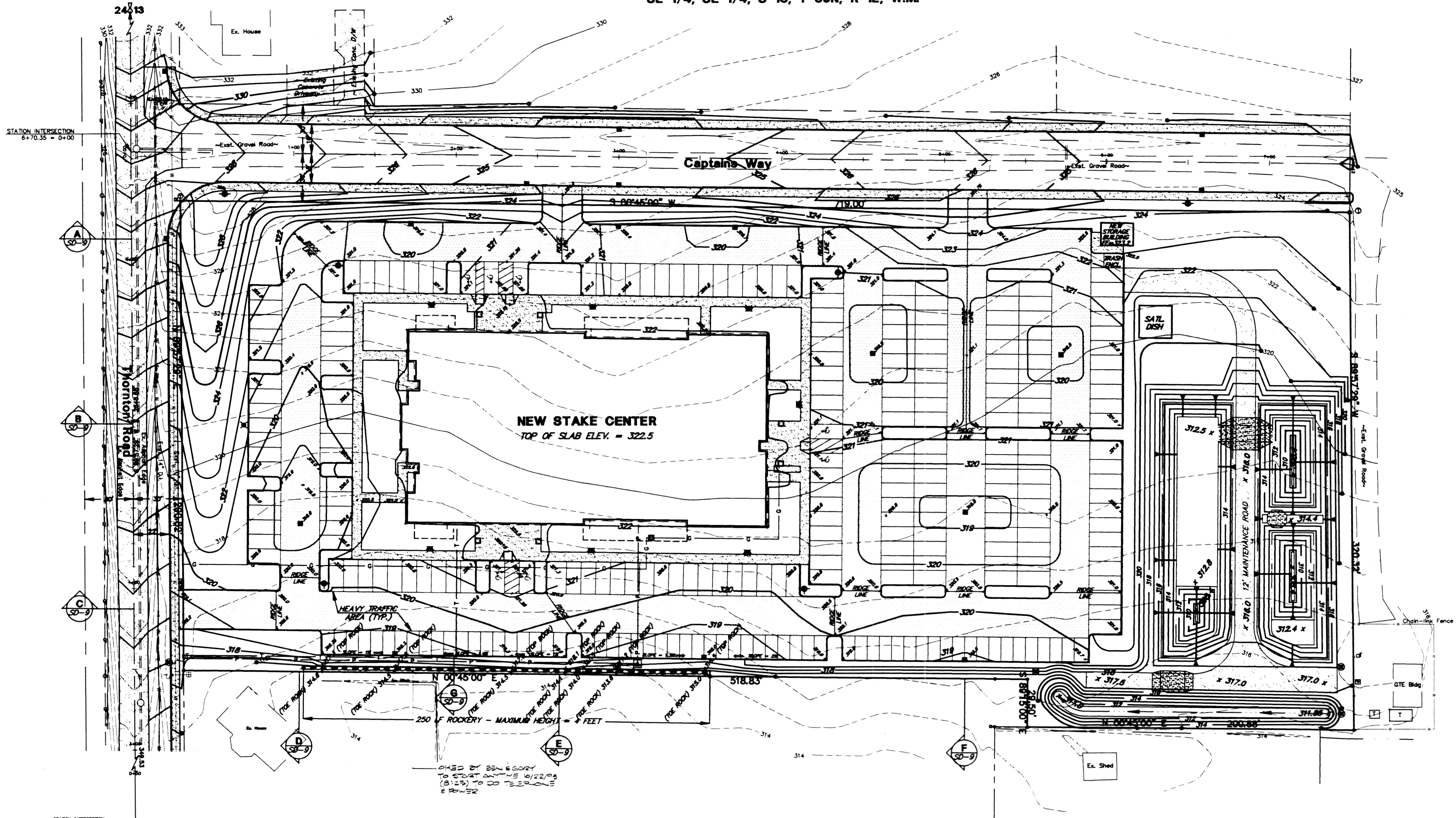


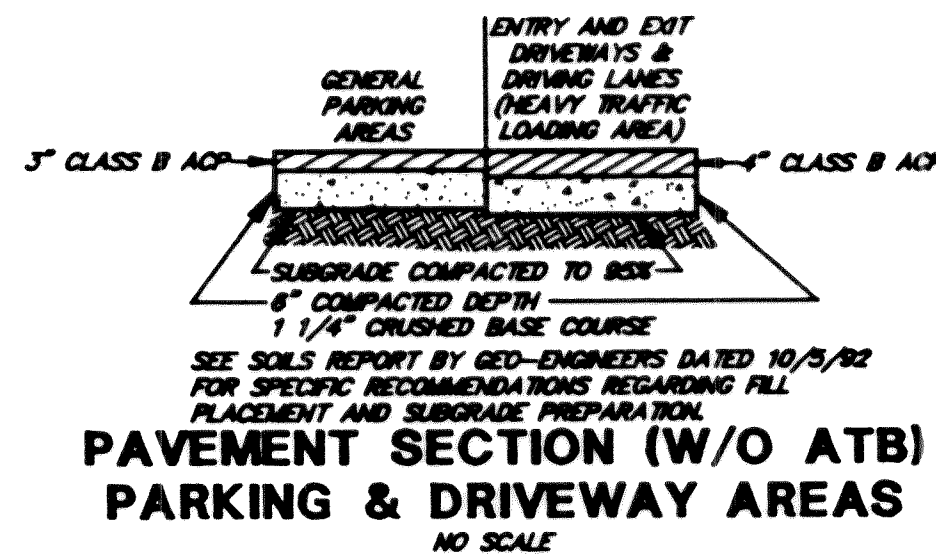
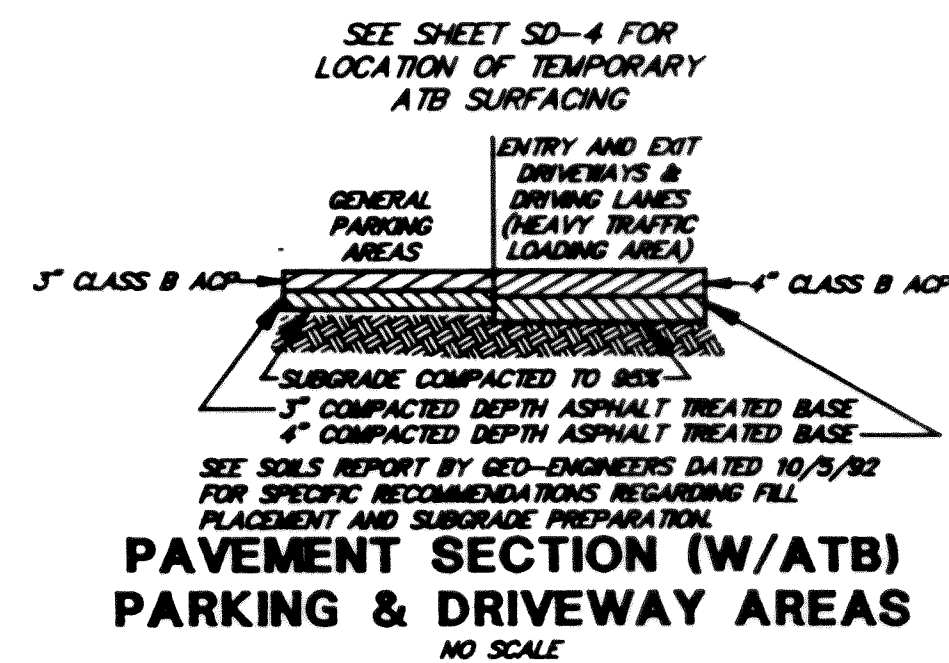


SE 1/4, SE 1/4, S 13, T 39N, R 1E, W.M.



GENERAL NOTES

1. THE LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THESE LOCATIONS PRIOR TO CONSTRUCTION.
2. ALL WORK IN ACCORDANCE WITH THE STANDARD PLANS AND SPECIFICATIONS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT), 1991, AND CITY OF FERNDALE STANDARDS UNLESS INDICATED OTHERWISE BY THE CONTRACT DOCUMENTS. IN CASE OF A CONFLICT BETWEEN THE REGULATORY STANDARDS OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT WILL APPLY.
3. UNDERGROUND UTILITIES ARE KNOWN TO EXIST IN THE AREA OF CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE UTILITY OWNERS FOR LOCATIONS AND TO NOTIFY THE ARCHITECT PROMPTLY OF ANY CONFLICT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF ADJACENT UTILITIES WHICH INCLUDE, BUT ARE NOT LIMITED TO, WATER, SEWER, STORM SEWER, POWER, TELEPHONE, CABLE TV, IRRIGATION, AND STREET LIGHTING.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EROSION CONTROL MEASURES THROUGHOUT THE DURATION OF THE PROJECT.



LEGAL DESCRIPTION

THAT PORTION OF THE EAST 30 ACRES OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 13, TOWNSHIP 39 NORTH, RANGE 1 EAST OF W.M., WASHINGTON COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER; THENCE SOUTH 89 DEGREES 15' 30" WEST ALONG SAID SOUTH LINE THEREOF A DISTANCE OF 346.85 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE SOUTH 89 DEGREES 15' 30" WEST ALONG SAID SOUTH LINE A DISTANCE OF 288.74 FEET; THENCE NORTH 89 DEGREES 05' 30" EAST PARALLEL TO THE WEST LINE OF SAID EAST 30 ACRES A DISTANCE OF 346.85 FEET; THENCE NORTH 89 DEGREES 15' 30" EAST PARALLEL TO SAID SOUTH LINE A DISTANCE OF 288.74 FEET TO THE WEST LINE OF THAT TRACT OF LAND DESCRIBED UNDER WASHINGTON COUNTY AUDITOR'S FILE NO. 138048; THENCE SOUTH 89 DEGREES 05' 30" WEST ALONG SAID WEST LINE AND THE WEST LINE OF THAT TRACT OF LAND DESCRIBED UNDER WASHINGTON COUNTY AUDITOR'S FILE NO. 1430430 A DISTANCE OF 300.00 FEET TO THE NORTH LINE OF THAT TRACT OF LAND; THENCE NORTH 89 DEGREES 15' 30" WEST ALONG SAID NORTH LINE A DISTANCE OF 346.85 FEET TO THE WEST LINE OF SAID TRACT A DISTANCE OF 346.85 FEET TO THE POINT OF BEGINNING. EXCEPT THE SOUTH 30 FEET THEREOF, EXISTING THORNTON ROAD RIGHT OF WAY, ALSO EXCEPT THE NORTH 10 FEET OF THE SOUTH 30 FEET THEREOF, RETAINED BY THE CITY OF FERNDALE, FOR ADDITIONAL ROAD RIGHT OF WAY, SITUATE IN WASHINGTON COUNTY, WASHINGTON.

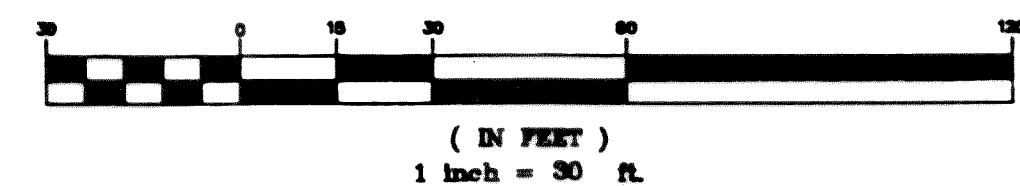
VERTICAL DATUM: ASSUMED

BENCHMARK: TOP OF IRON PIPE
IN CASE, INTERSECTION OF
CHURCH ROAD & THORNTON ROAD
ELEVATION: 308.00

LEGEND

- | | |
|---------------------------------|-----------------------|
| Water Valve | Utility Pole |
| Fire Hydrant (Existing) | Telephone MH |
| Fire Hydrant (Proposed) | Telephone J-Box |
| Water Meter (Existing) | Guy Anchor |
| Water Meter (Proposed) | Street Sign |
| Sanitary Sewer MH (Existing) | Monument in Case |
| Sanitary Sewer MH (Proposed) | Found Property Corner |
| San. Sewer Clean-out (Proposed) | Power Vault |
| Catch Basin (Existing) | Lightpole (Proposed) |
| Catch Basin (Proposed) | |
| Catch Basin-Type II (Existing) | |
| Catch Basin-Type II (Proposed) | |

GRAPHIC SCALE



DATE 10-29-92	
REVISIONS C01 1/19/93 COMMENTS FROM D.D. PHASE C02 4/29/93 COMMENTS FOR COMMENTS, ROCKERY C03 5/13/93 ADD COMMENTS BY ADOL LUS	
CONCEPT ENGINEERING, INC. 455 Rainier Boulevard North, Suite 200 Issaquah, Washington 98027 (206) 392-0006 Job No. 92238-3	
FERNDAL 1, BLAINE & WARDS BELLINGHAM WASHINGTON STAKE LDS CHURCH - NEW STAKE CENTER 2860 THORNTON ROAD, FERNDALE, WA The Church of Jesus Christ of Latter-Day Saints	
SHEET TITLE GRADING PLAN	
DRAWN BY: CCS	CHECKED BY: CDC
PROPERTY NUMBER 539-3132-78	
DEVELOPMENT NUMBER LE91-334	
SHEET NO. SD-2	

00097.002 2-7-06 KJR

SE 1/4, SE 1/4, S 13, T 39N, R 1E, W.M.

DATE
10-29-92

REVISIONS
CDS 4/19/93 COMMENTS FROM D.D. PHASE
CDS 8/29/93 CORRECT FOR COMMENTS, ROCKY
CDS 9/03/93 ADD COMMENTS BY ANCH. LBS

CONCEPT ENGINEERING, INC.
466 Reiner Boulevard North, Suite 200
Issaquah, Washington 98027
(206) 382-8066
Job No. 92236-3



FERNDAL 1, BLAINE & WARDS
BELLINGHAM WASHINGTON STAKE
LDS CHURCH - NEW STAKE CENTER
2860 THORNTON ROAD, FERNDAL, WA
The Church of Jesus Christ
of Latter-Day Saints

STORM DRAINAGE PLAN

SHEET TITLE

DRAWN BY:
CCS

CHECKED BY:
CDC

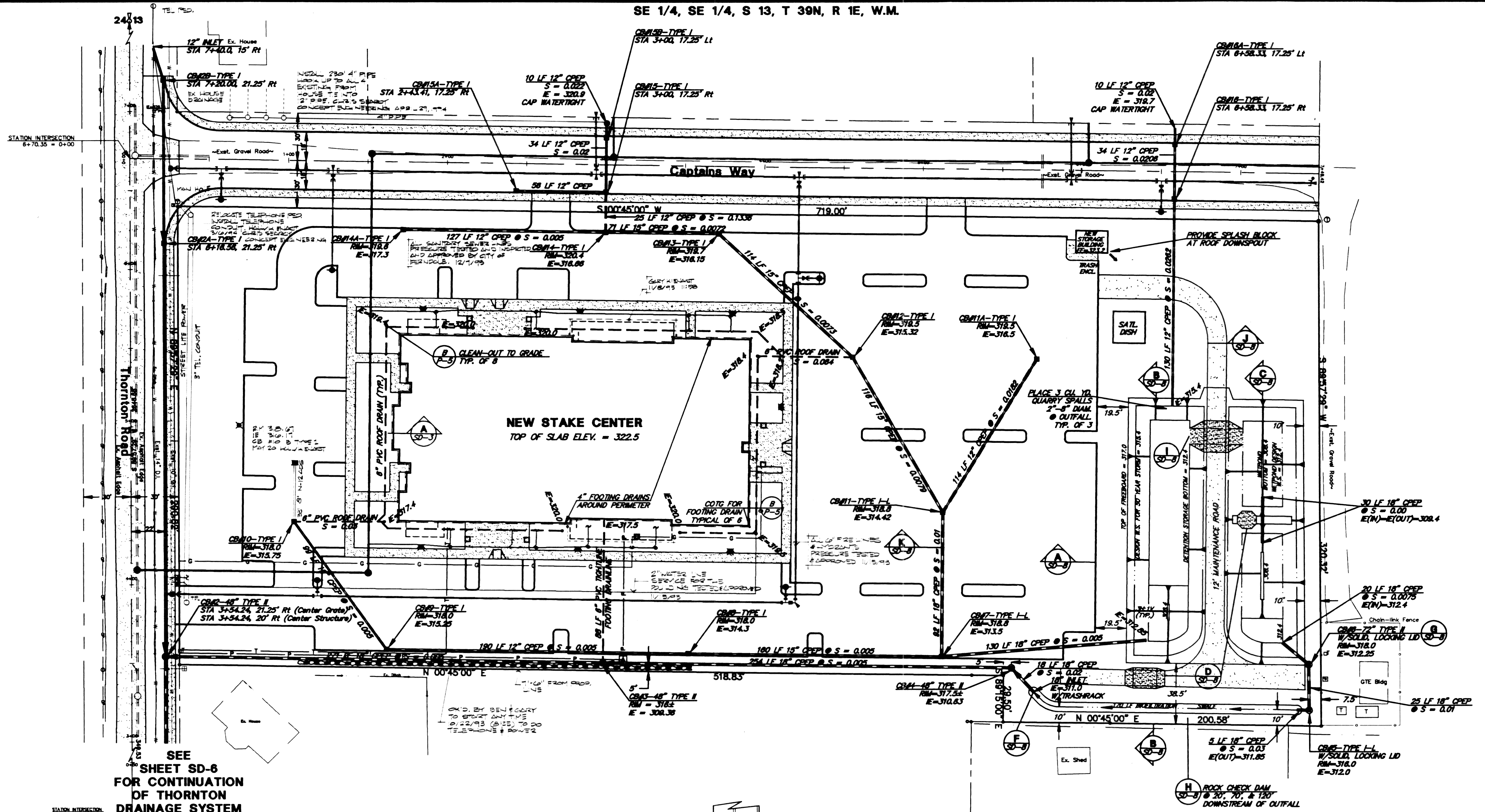
PROPERTY NUMBER
539-3132-78

DEVELOPMENT NUMBER
LE91-334

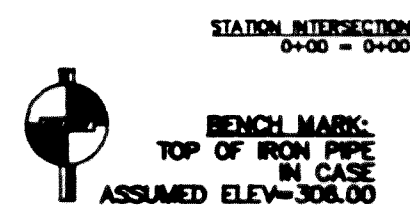
SHEET NO.

SD-3

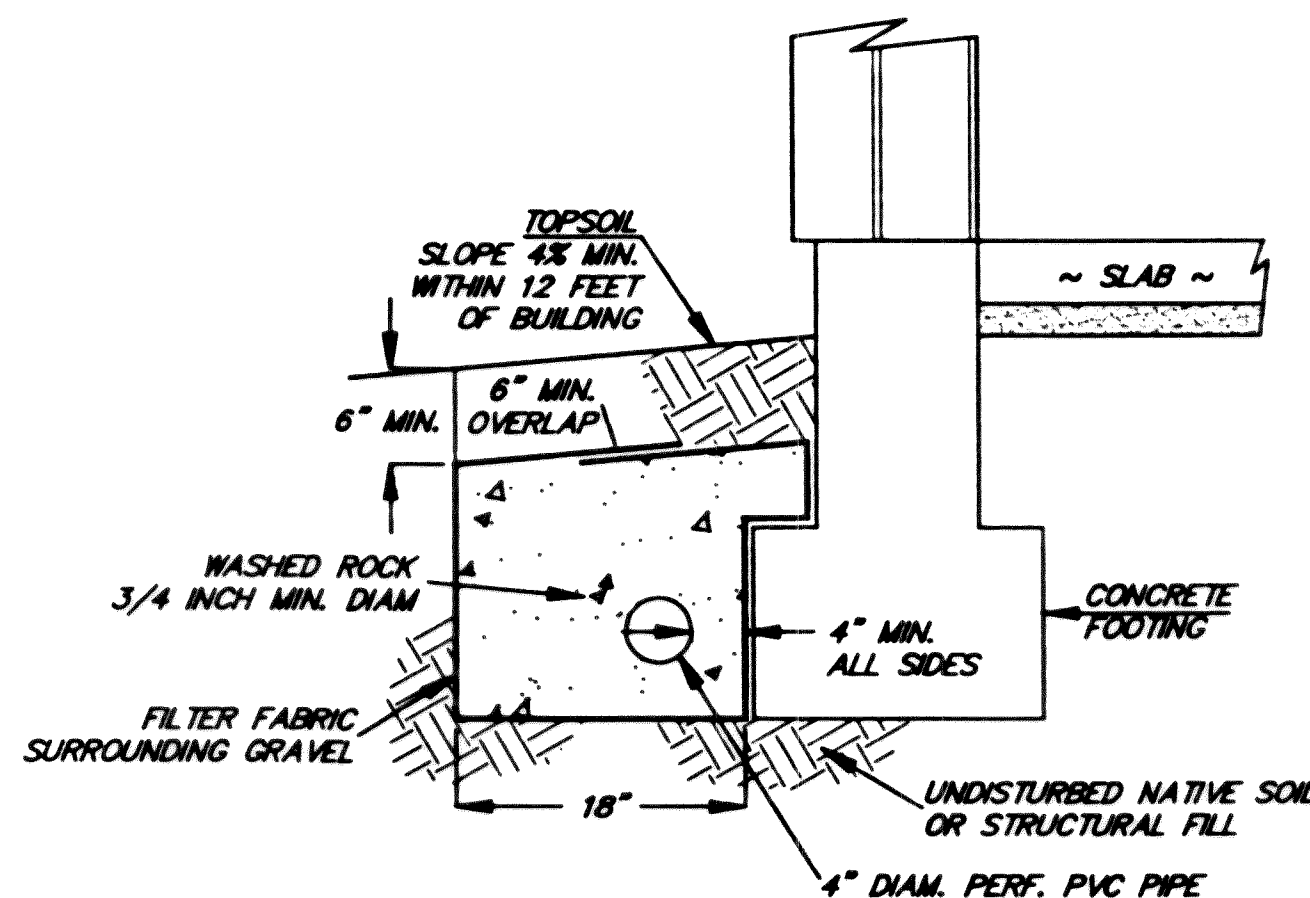
00047.003 2.7.06 KR



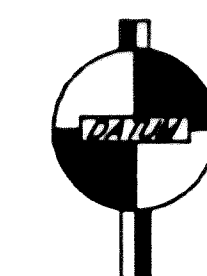
SEE
SHEET SD-6
FOR CONTINUATION
OF THORNTON
DRAINAGE SYSTEM



Church Road
24+13
19+18 N 00°45'00" E 2832.12 13+18



FOUNDATION DRAIN DETAIL
NOT TO SCALE

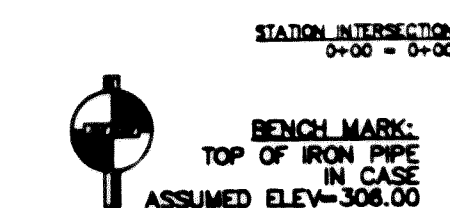
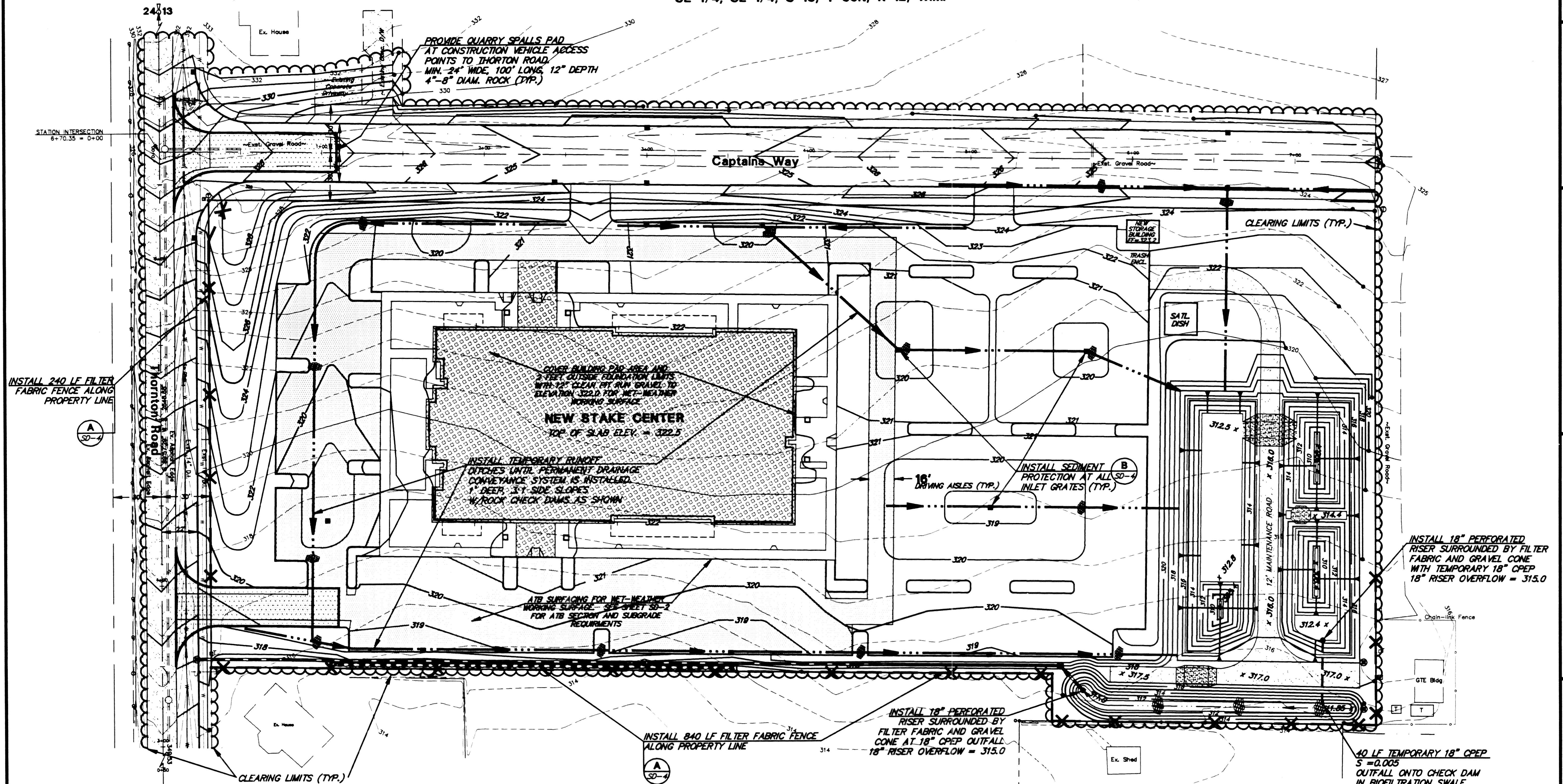


VERTICAL DATUM: ASSUMED
BENCHMARK: TOP OF IRON PIPE
IN CASE, INTERSECTION OF
CHURCH ROAD & THORNTON ROAD
ELEVATION: 306.00

LEGEND

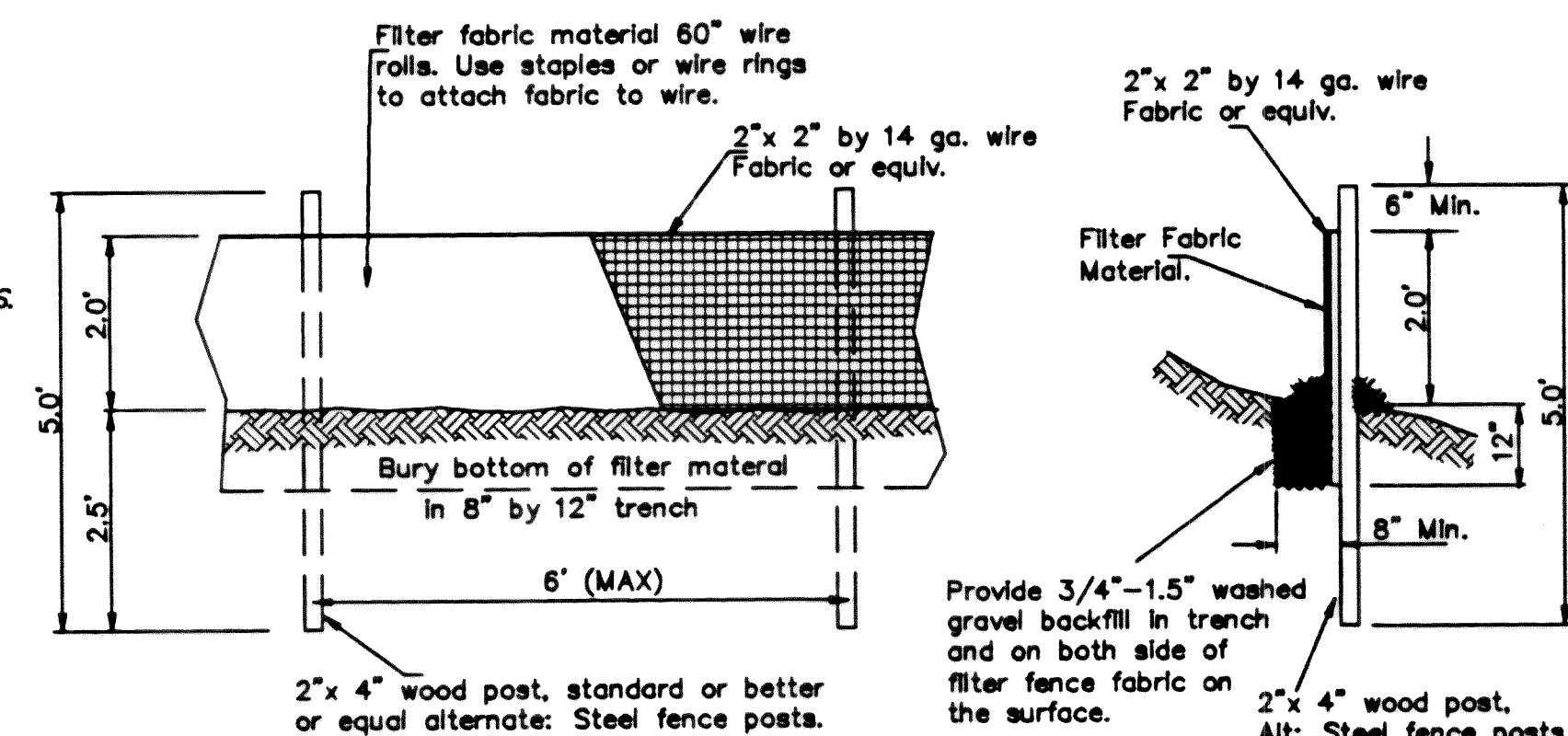
- | | |
|---------------------------------|-----------------------|
| Water Valve | Utility Pole |
| Fire Hydrant (Existing) | Telephone MH |
| Fire Hydrant (Proposed) | Telephone J-Box |
| Water Meter (Existing) | Guy Anchor |
| Water Meter (Proposed) | Street Sign |
| Sanitary Sewer MH (Existing) | Monument in Case |
| Sanitary Sewer MH (Proposed) | Found Property Corner |
| San. Sewer Clean-out (Proposed) | Power Vault |
| Catch Basin (Existing) | Lightpole (Proposed) |
| Catch Basin (Proposed) | |
| Catch Basin-Type II (Existing) | |
| Catch Basin-Type II (Proposed) | |





CONSTRUCTION SEQUENCE

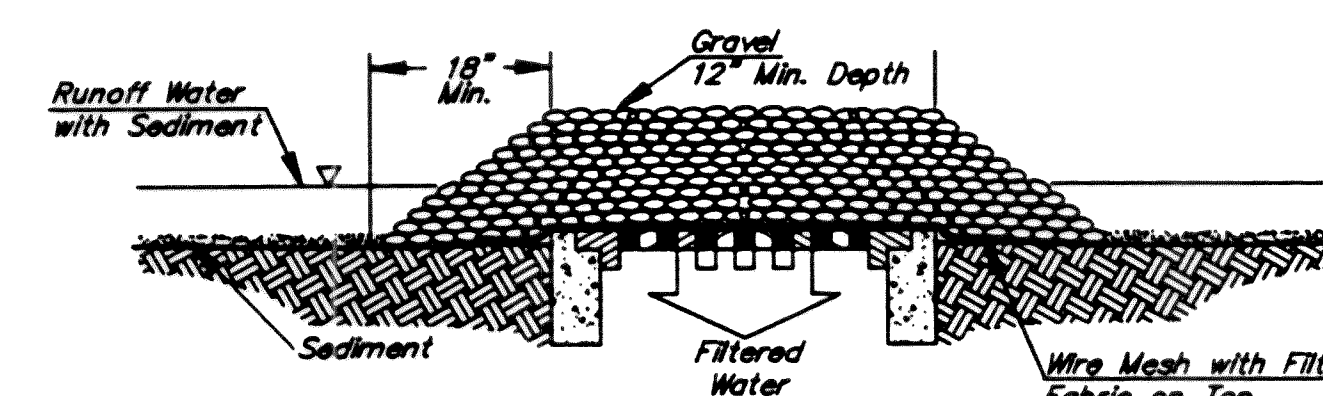
1. ARRANGE AND ATTEND A PRE-CONSTRUCTION MEETING WITH THE CITY OF FERNDAL PUBLIC WORKS.
2. FLAG ALL PROPERTY LINES AND CLEARING LIMITS.
3. INSTALL FILTER FABRIC FENCE AS NOTED ON DRAWINGS.
4. INSTALL GRAVEL CONSTRUCTION ENTRANCE PADS AT ALL ACCESS POINTS TO THORNTON ROAD.
5. REMOVE EXISTING SITE VEGETATION AND STRIP SOIL AND DISPOSE OF IN A LEGAL MANNER.
6. STRIP TOPSOIL FROM SITE AND STOCKPILE REQUIRED AMOUNT FOR RE-USE IN FINAL GRADING.
7. EXCAVATE POND AND SWALE FOR SEDIMENT POND.
8. BEGIN MASS SITE GRADING. CAPTURE RUNOFF AND DIRECT INTO SEDIMENT POND WITH TEMPORARY DITCHES OR TEMPORARY PIPES AS SHOWN ON DRAWINGS.
9. INSTALL PERMANENT DRAINAGE SYSTEM FROM SWALE TO THORNTON ROAD.
10. INSTALL PERFORATED RISERS AND GRAVEL CONES ON POND AND SWALE OUTFLOW PIPES.
11. WHEN SITE IS TO SUBGRADE, INSTALL SEWER, PERMANENT DRAINAGE SYSTEM, AND WATER SYSTEM.
12. PROVIDE INLET PROTECTION AT ALL CATCH BASIN INLET GRATES AS SHOWN ON DRAWINGS.
13. PREPARE BASE FOR CURB & GUTTERS, AND SIDEWALKS. PREPARE STRING LINES AND/OR FORMS.
14. CONTACT ARCHITECT TO VERIFY FINISH GRADES BEFORE POURING CONCRETE.
15. POUR CURBS, GUTTERS AND SIDEWALKS ON PREPARED BASE.
16. PREPARE PAVEMENT BASE COURSES. LAY ASPHALT PAVEMENT.
17. COMPLETE FINAL GRADING, SEEDING, SOODING, AND LANDSCAPING.
18. WHEN SITE SURFACES ARE STABILIZED, REMOVE ALL SEDIMENT FROM CATCH BASINS, AND FLUSH STORM DRAINAGE PIPES, CLEAN POND CELLS, SWALE, AND REMAINING DOWNSTREAM SYSTEM. REMOVE REMAINING TEMPORARY EROSION CONTROL MEASURES (FILTER FABRIC FENCE, ETC.).



SILT FENCE DETAIL

NOT TO SCALE

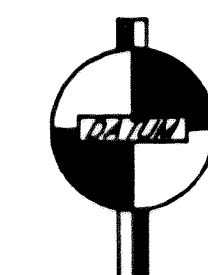
A



TEMPORARY INLET SEDIMENT PROTECTION

NO SCALE

B

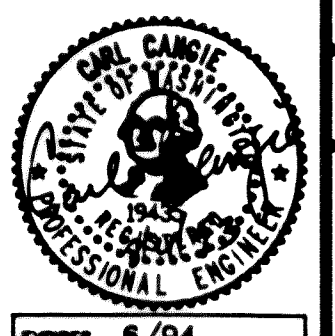
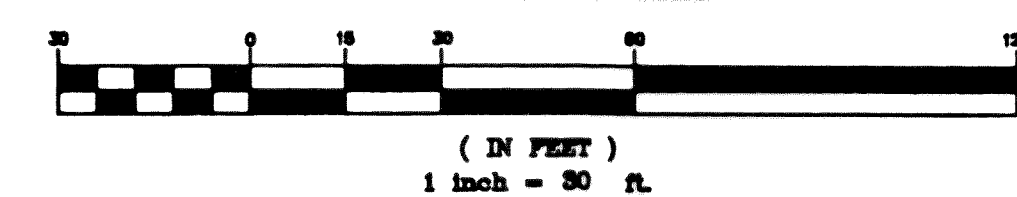


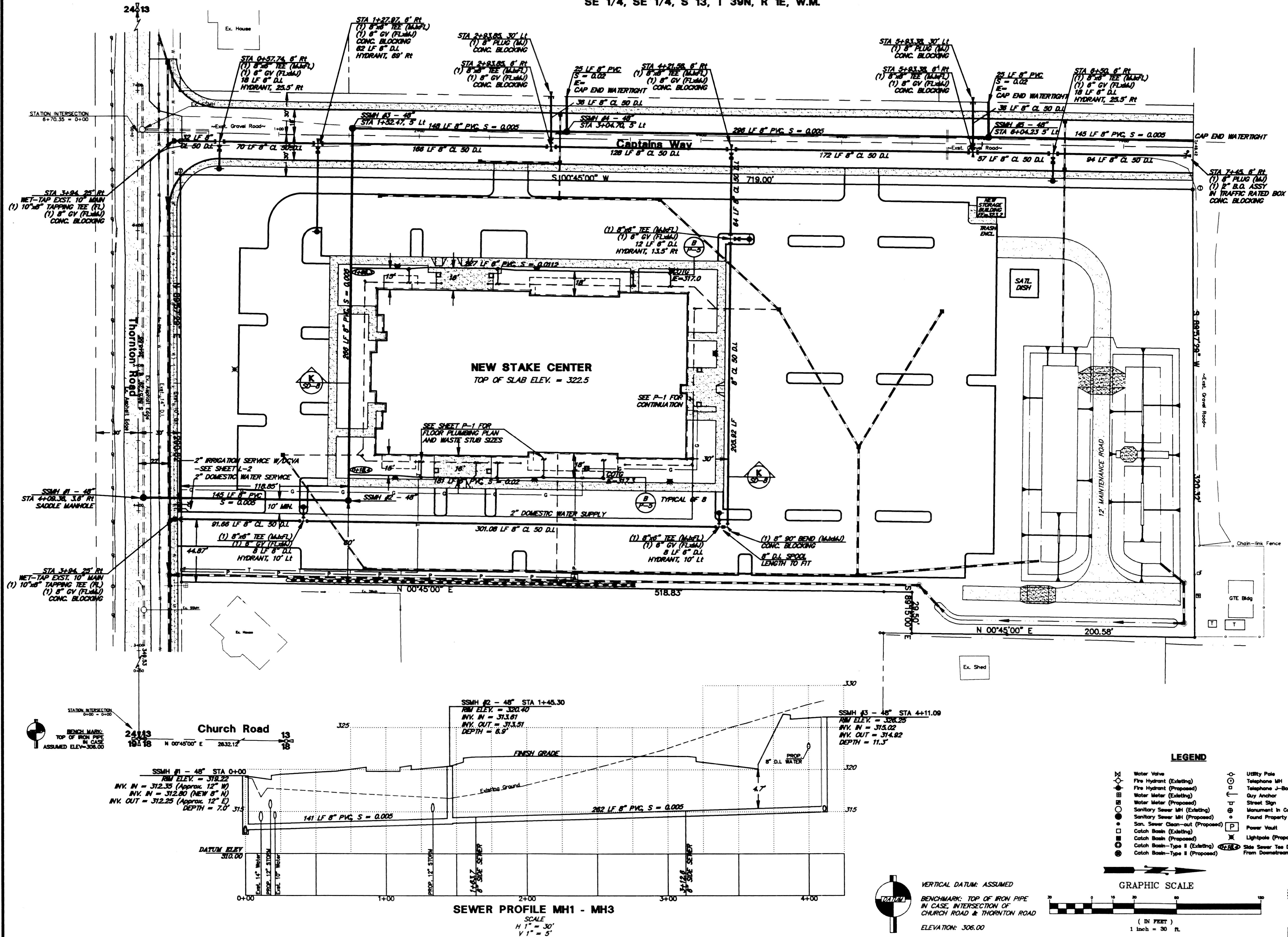
VERTICAL DATUM: ASSUMED
BENCHMARK: TOP OF IRON PIPE
IN CASE, INTERSECTION OF
CHURCH ROAD & THORNTON ROAD
ELEVATION: 306.00

LEGEND

- | | |
|---------------------------------|-----------------------|
| Water Valve | Utility Pole |
| Fire Hydrant (Existing) | Telephone MH |
| Fire Hydrant (Proposed) | Telephone J-Box |
| Water Meter (Existing) | Guy Anchor |
| Water Meter (Proposed) | Street Sign |
| Sanitary Sewer MH (Existing) | Monument in Case |
| Sanitary Sewer MH (Proposed) | Found Property Corner |
| San. Sewer Clean-out (Proposed) | Power Vault |
| Catch Basin (Existing) | Lightpole (Proposed) |
| Catch Basin (Proposed) | |
| Catch Basin-Type II (Existing) | |
| Catch Basin-Type II (Proposed) | |

GRAPHIC SCALE





CONCEPT ENGINEERING, INC.

465 Reiner Boulevard North, Suite 200
Issaquah, Washington 98027
(206) 392-8066

FERDALE 1, BLAINE & WARDS
BELLINGHAM WASHINGTON STAKE
LDS CHURCH - NEW STAKE CENTER
2880 THORNTON ROAD, FERDALE, WA
The Church of Jesus Christ
of Latter-Day Saints

SHEET TITLE
**SANITARY SEWER
and
WATER PLAN**

DRAWN BY:

CCS

CHECKED BY:

COC

PROPERTY NUMBER

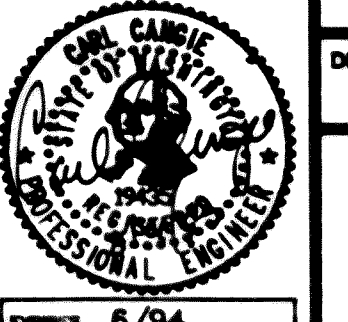
539-3132-78

DEVELOPMENT NUMBER

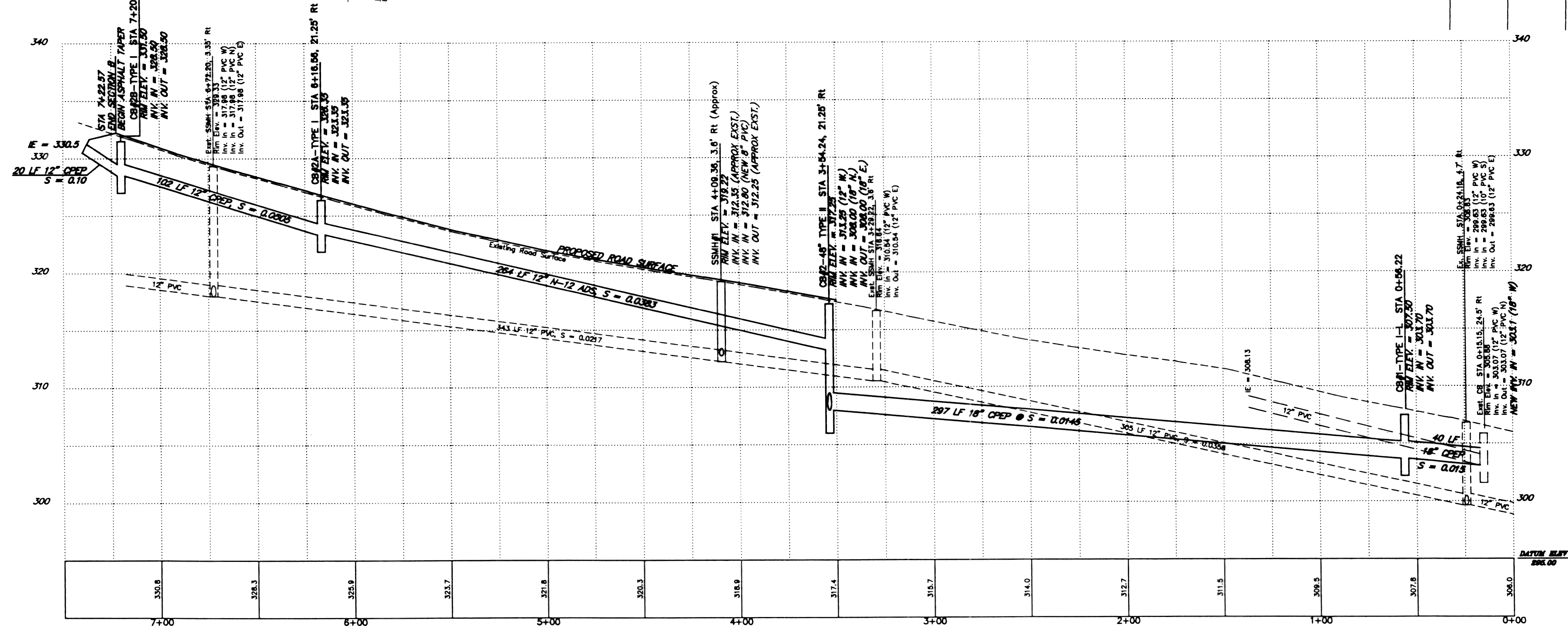
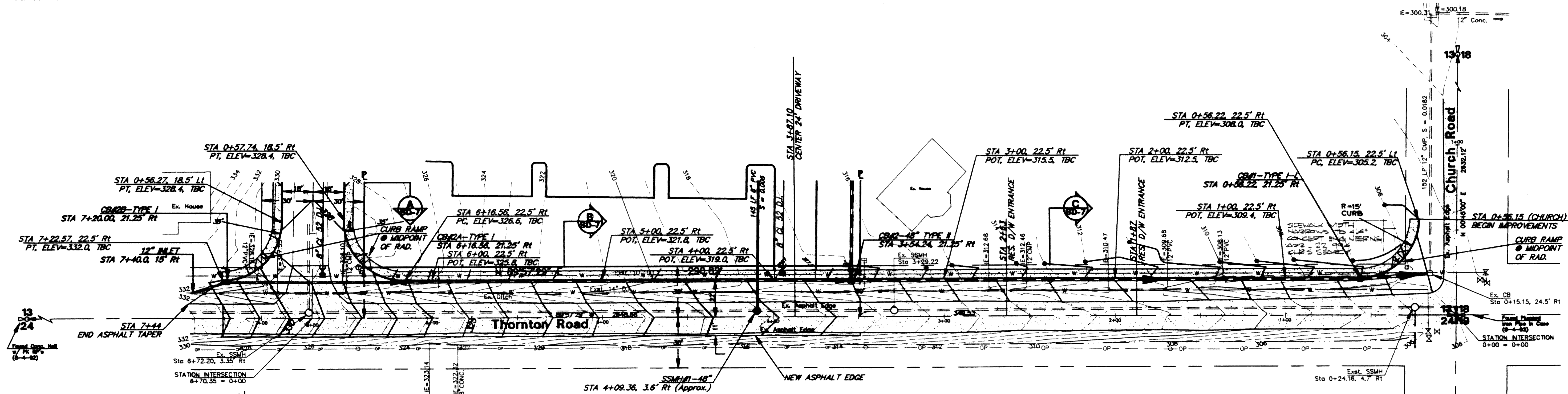
LE91-334

SHEET NO.

SD-5



00917.005 2-7.00 142

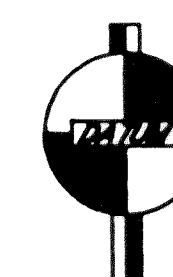


CENTERLINE PROFILE
THORNTON ROAD

SCALE
H 1" = 30'
V 1" = 5'

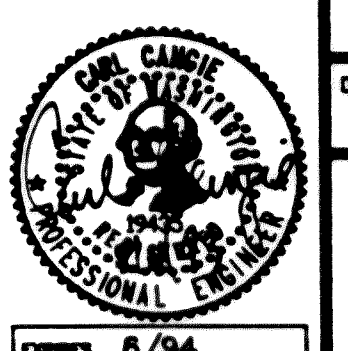
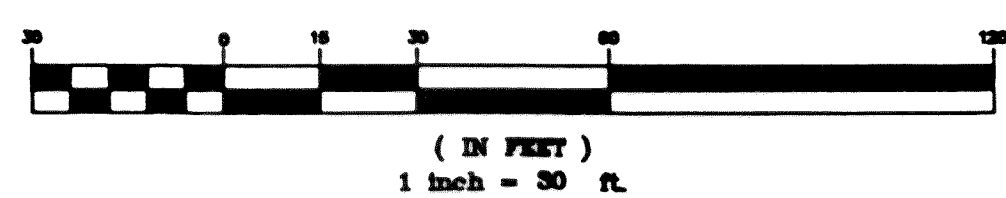
LEGEND

- Water Valve
- Fire Hydrant (Existing)
- Fire Hydrant (Proposed)
- Water Meter (Existing)
- Water Meter (Proposed)
- Sanitary Sewer MH (Existing)
- Sanitary Sewer MH (Proposed)
- Catch Basin (Existing)
- Catch Basin (Proposed)
- Catch Basin-Type I (Existing)
- Catch Basin-Type I (Proposed)
- Utility Pole
- Telephone MH
- Telephone J-Box
- Guy Anchor
- Street Sign
- Monument in Case
- Found Property Corner
- Power Vault



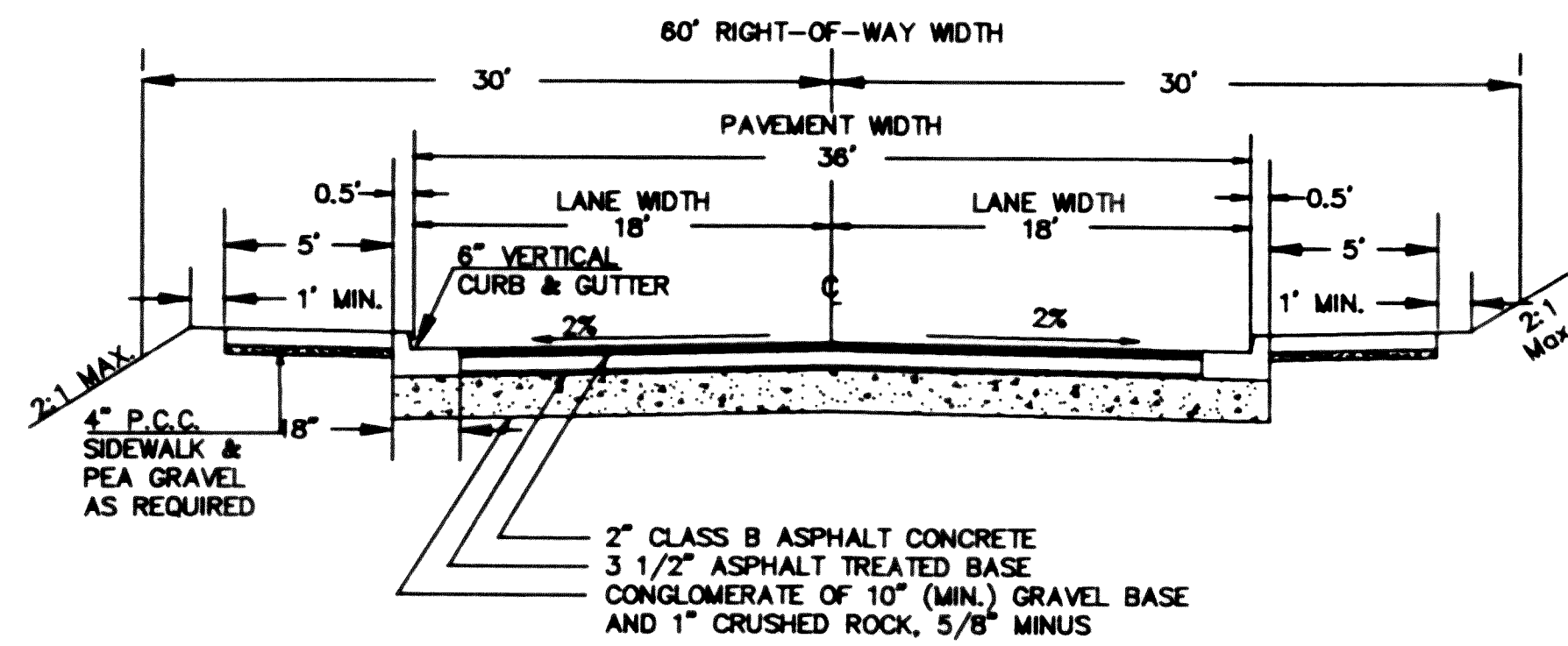
VERTICAL DATUM: ASSUMED
BENCHMARK: TOP OF IRON PIPE
IN CASE, INTERSECTION OF
CHURCH ROAD & THORNTON ROAD
ELEVATION: 306.00

GRAPHIC SCALE



DATE 10-29-92	
REVISIONS	
CS	4/17/93 COMMENTS FROM D.D. PHASE
CS	8/29/93 CORRECT FOR COMMENTS, ROCKEY
CS	8/30/93 ADD COMMENTS BY ARCH. US
CONCEPT ENGINEERING, INC. 455 Reiner Boulevard North, Suite 200 Issaquah, Washington 98027 (206) 392-6066 Job No. 9234-39	
FERDALE 1, BLAINE & WARDS BELLINGHAM WASHINGTON STAKE LDS CHURCH - NEW STAKE CENTER 2850 THORNTON ROAD, FERDALE, WA The Church of Jesus Christ of Latter-Day Saints	
SHEET TITLE THORNTON ROAD IMPROVEMENTS	
DRAWN BY: CS	CHECKED BY: CDC
PROPERTY NUMBER 539-3132-78	
DEVELOPMENT NUMBER LE91-334	
SHEET NO. SD-6	

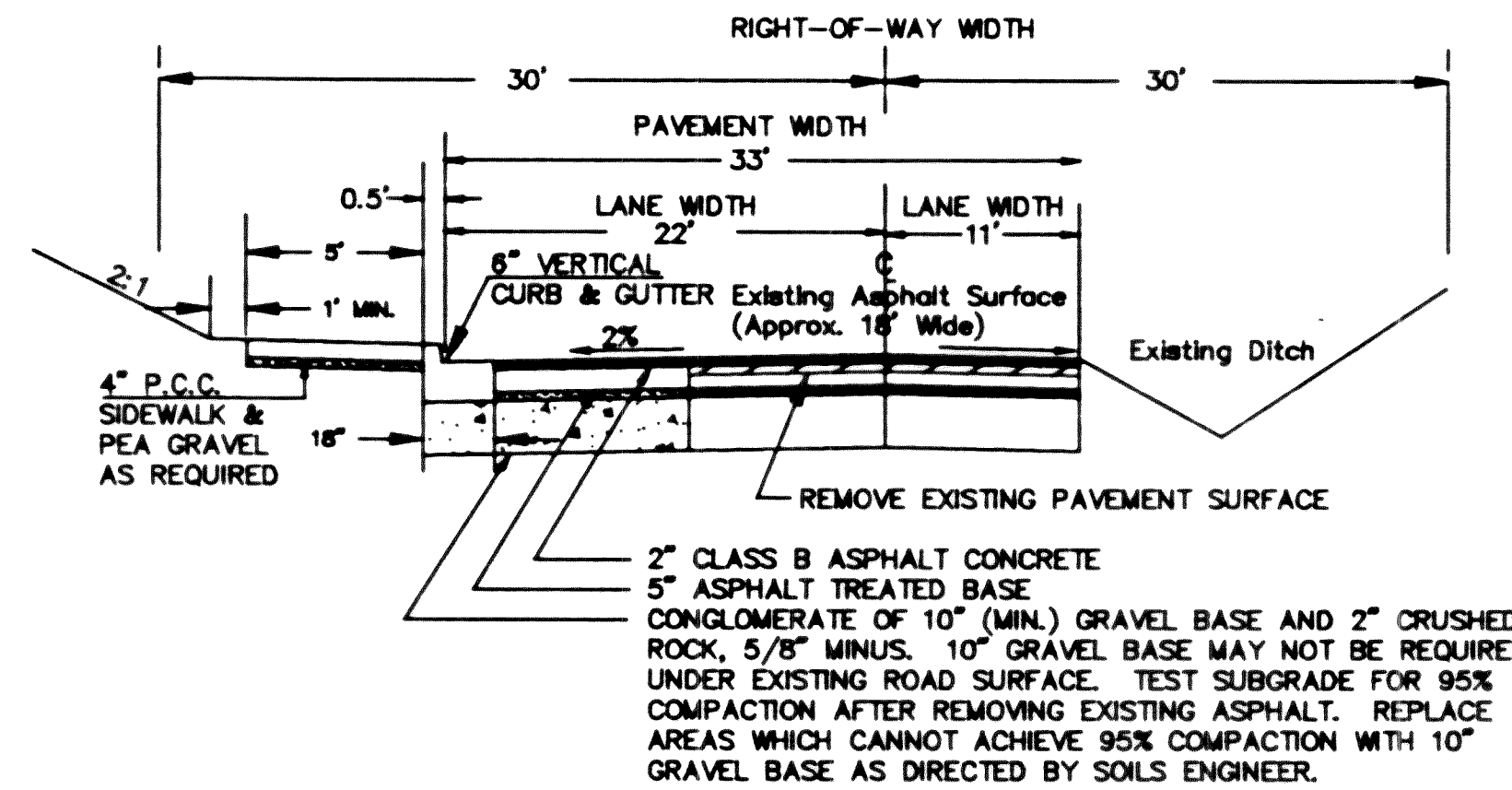
00097.006 2.7.06 R2



CAPTAINS WAY IMPROVEMENTS

NO SCALE

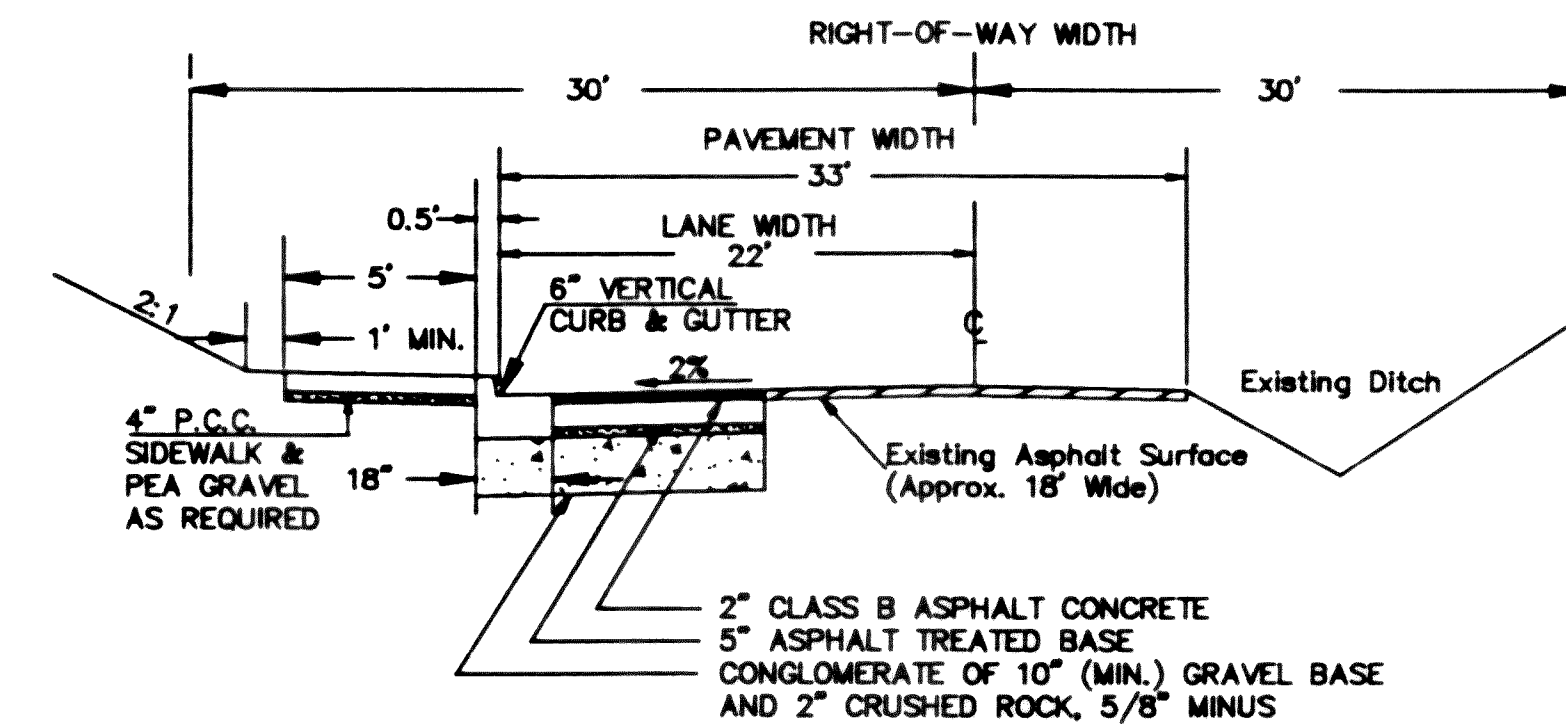
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STA 3+50 - STA 7+10 THORNTON STREET IMPROVEMENTS

NO SCALE

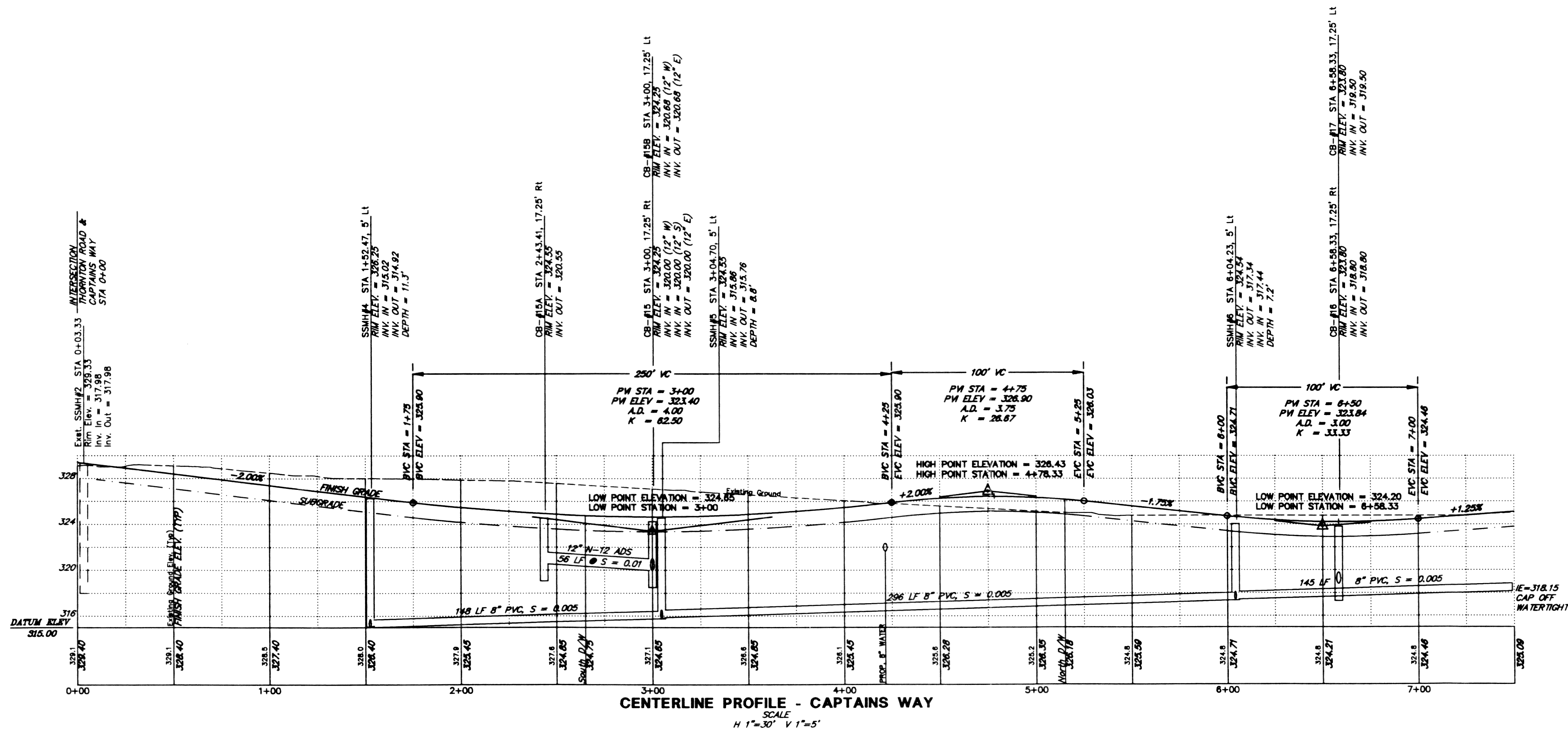
B



STA 0+00 - STA 3+50 THORNTON STREET IMPROVEMENTS

NO SCALE

C



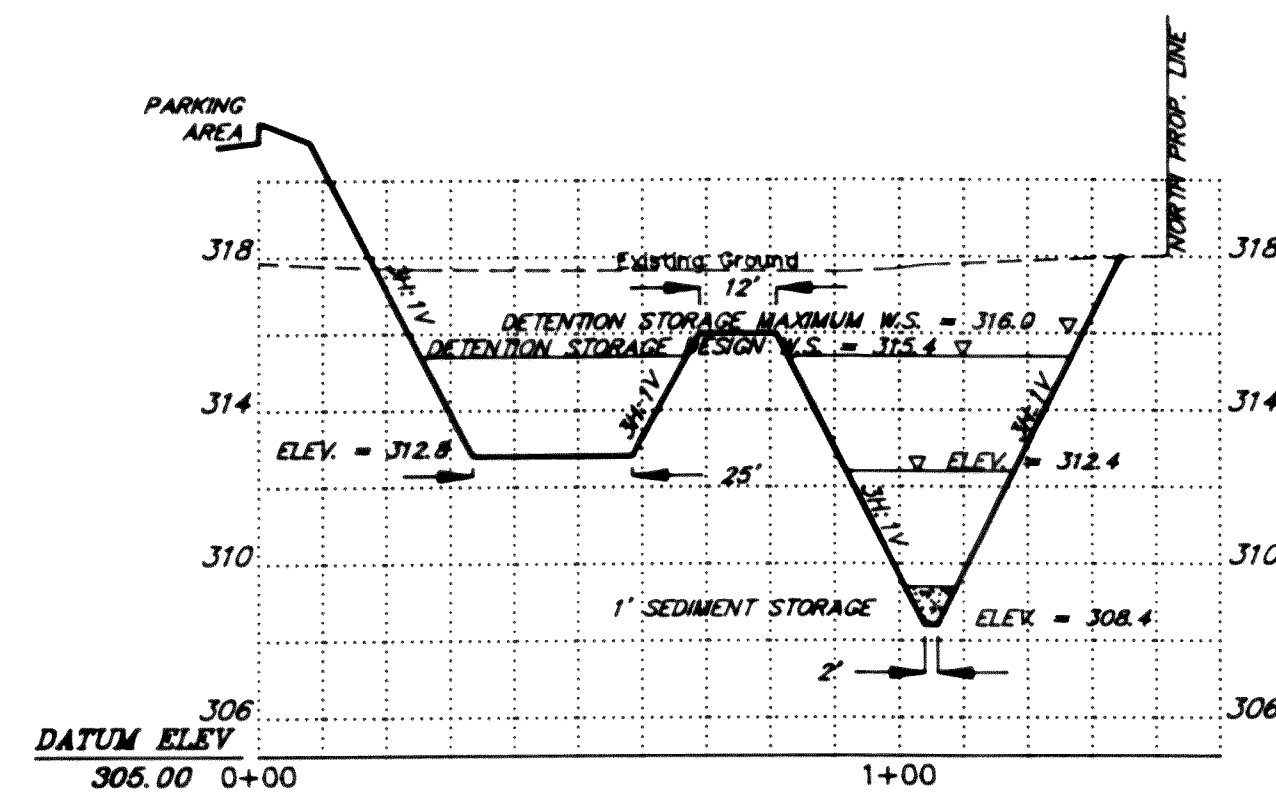
CENTERLINE PROFILE - CAPTAINS WAY

SCALE
H 1"=30' V 1"=5'



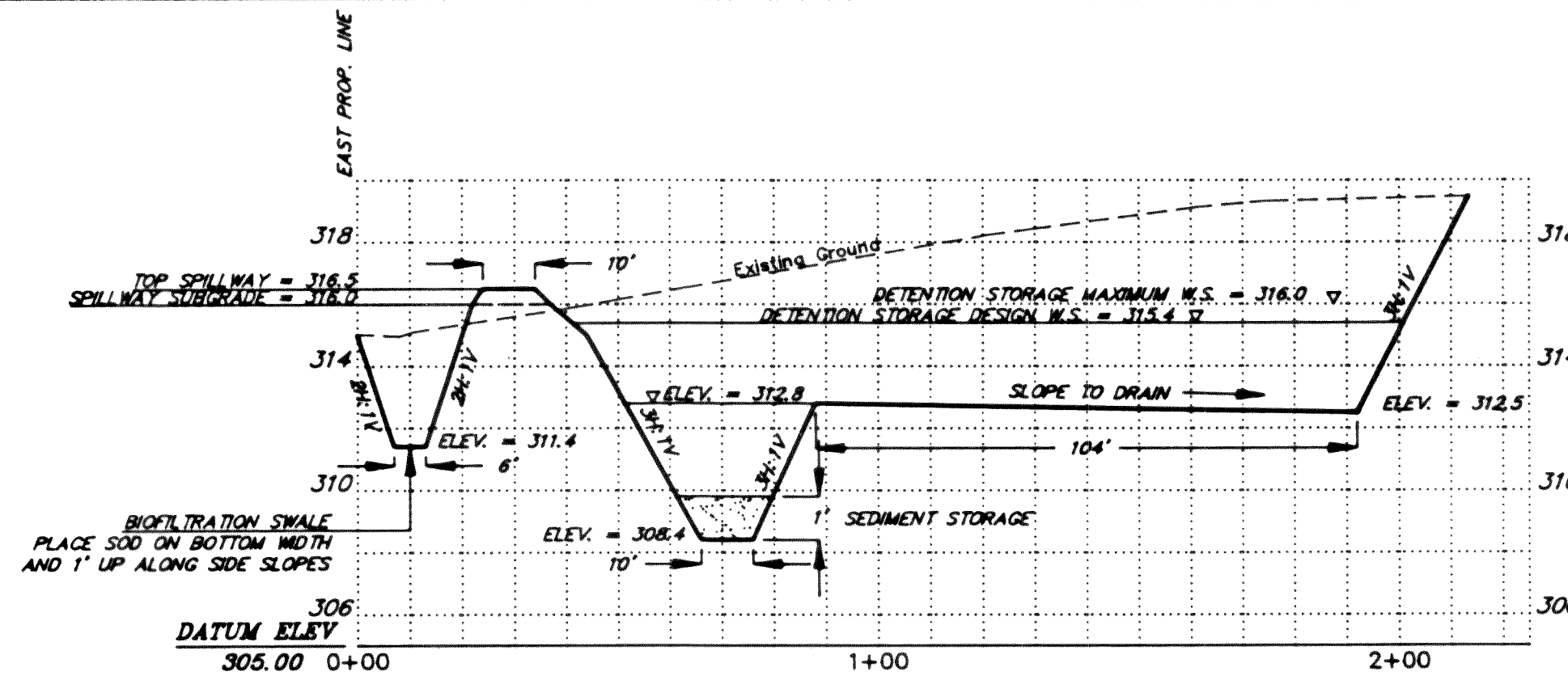
DATE 10-29-92	
REVISIONS CDS 4/19/93 COMMENTS FROM D.D. PHASE CDS 6/28/93 CORRECTIONS FOR COMMENTS, ROCKERY CDS 8/03/93 ADD COMMENTS BY ARCL IDS	
CONCEPT ENGINEERING, INC. 455 Rainier Boulevard North, Suite 200 Issaquah, Washington 98027 (206) 392-8055 Job No. 92236-3A	
FERDALE 1, BLAINE & WARDS BELLINGHAM WASHINGTON STAKE LDS CHURCH - NEW STAKE CENTER 2550 THORNTON ROAD, FERDALE, WA The Church of Jesus Christ of Latter-Day Saints	
SHEET TITLE ROAD PROFILES & SECTIONS THORNTON ROAD & CAPTAINS WAY	
DRAWN BY: CDS	CHECKED BY: CDS
PROPERTY NUMBER 539-3132-78	
DEVELOPMENT NUMBER LE91-334	
SHEET NO. SD-7	

00097.001 2.7.06 KR



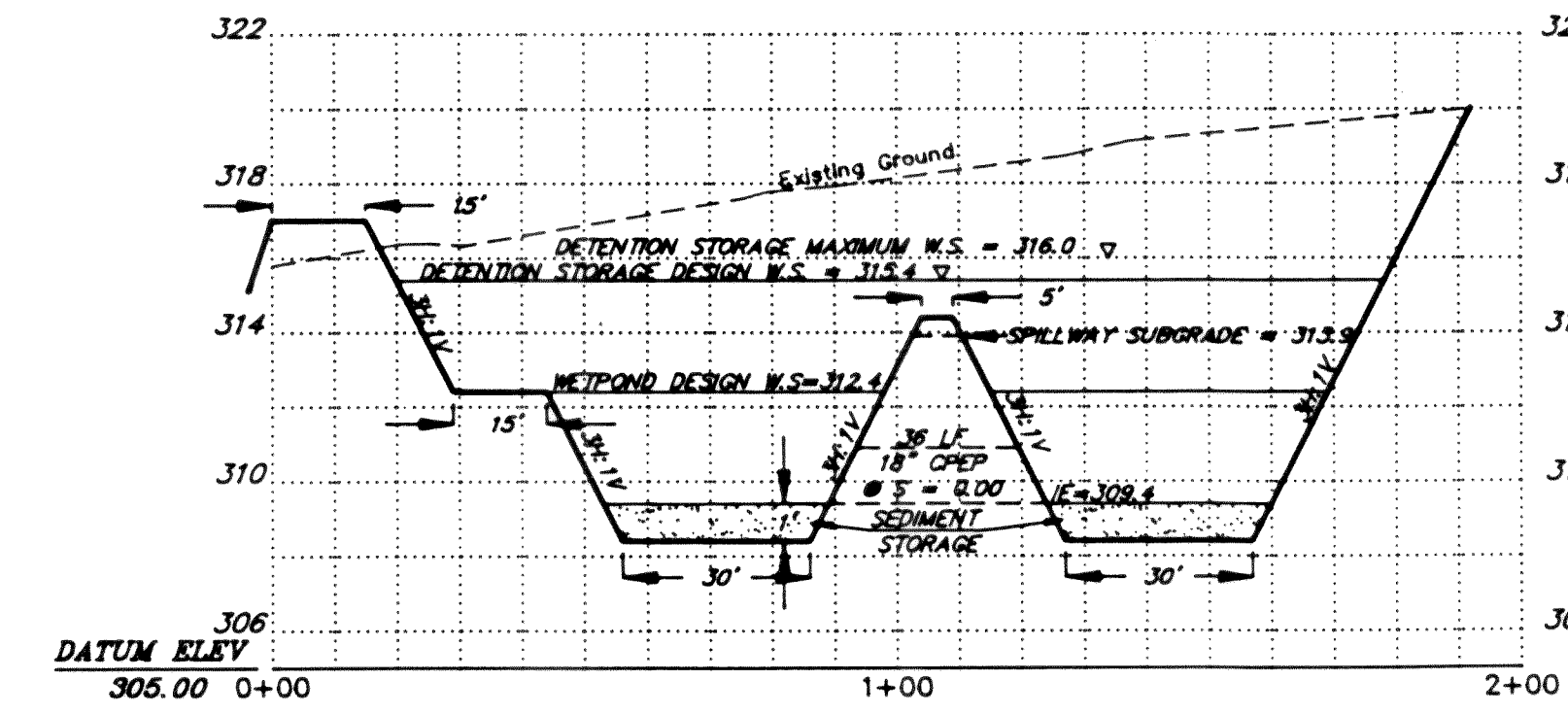
SECTION A

SCALE
H 1" = 30' V 1" = 5'



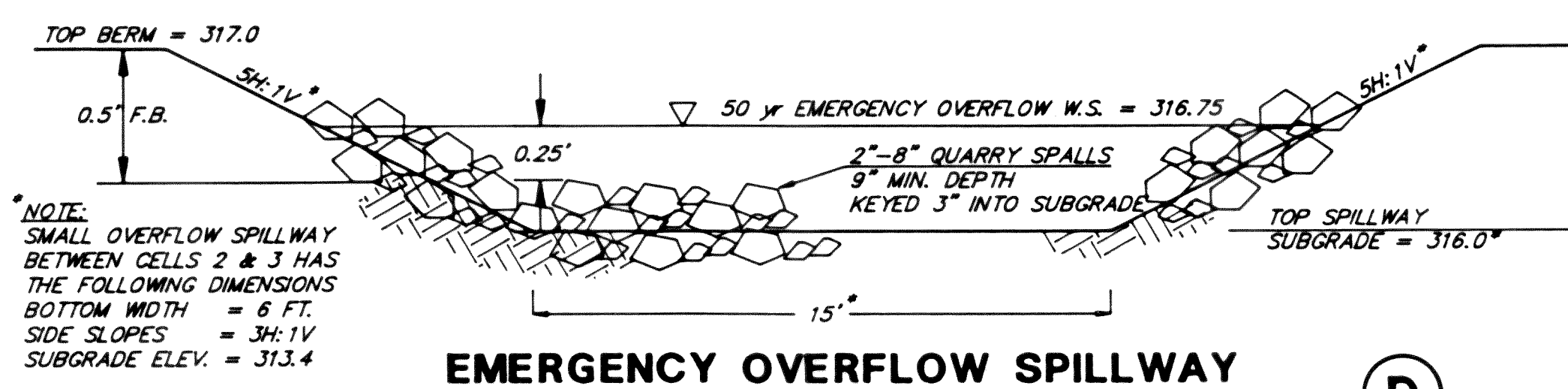
SECTION B

SCALE
H 1" = 30' V 1" = 5'



SECTION C

SCALE
H 1" = 30' V 1" = 5'

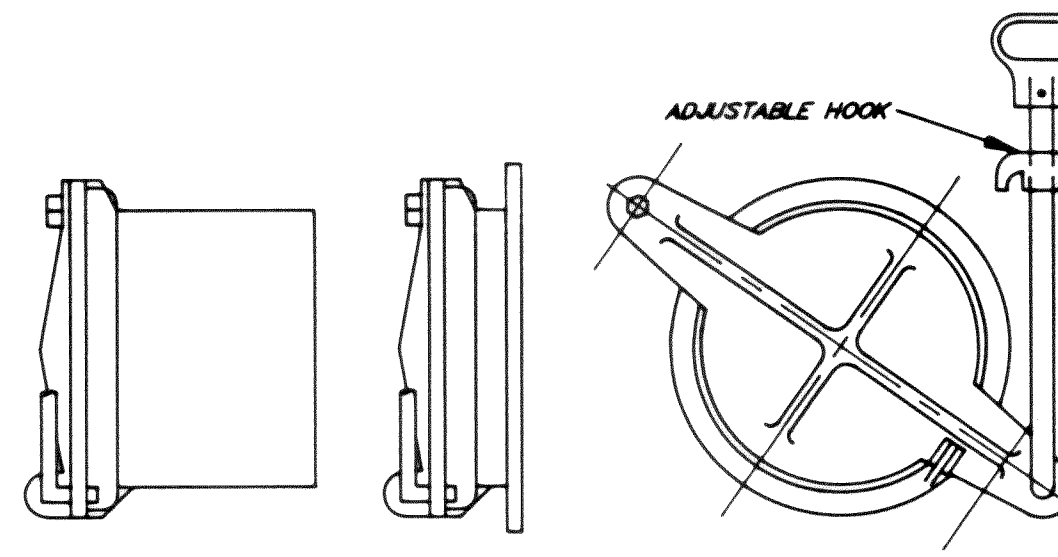


EMERGENCY OVERFLOW SPILLWAY

NO SCALE

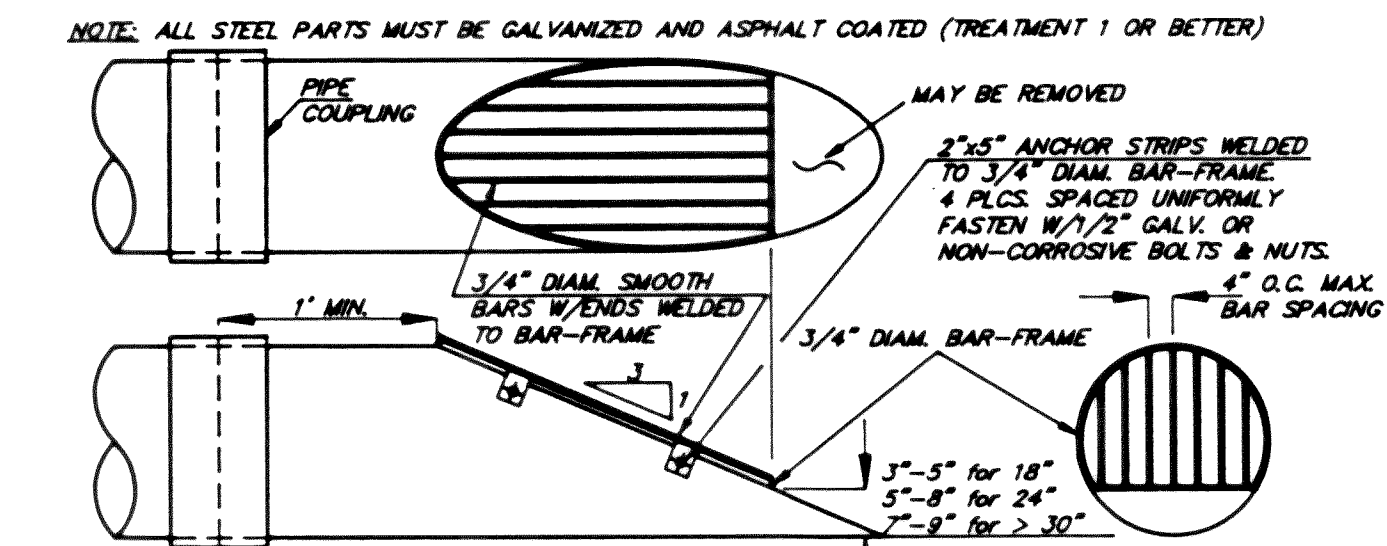
NOTES:

1. SHEAR GATE SHALL BE:
 - A. SHEAR GATE, CAST IRON BODY AND GATE, OLYMPIC F.D.Y. STD. OR EQUAL OR
 - B. SHEAR GATE ALUMINUM OR CAST IRON, DRAINAGE SPECIALTIES (SAVANNAH, GA) STD. OR EQUAL
2. GATE SHALL BE 8" DIAM. UNLESS OTHERWISE SPECIFIED.
3. GATE SHALL BE JOINED TO TEE SECTION BY BOLTING (THROUGH FLANGE), WELDING, OR OTHER SECURE MEANS.
4. LIFT ROD: AS SPECIFIED BY MFR. WITH HANDLE EXTENDING TO WITHIN ONE FOOT OF COVER AND ADJUSTABLE HOOK LOCK FASTENED TO FRAME OR UPPER HANDHOLD.



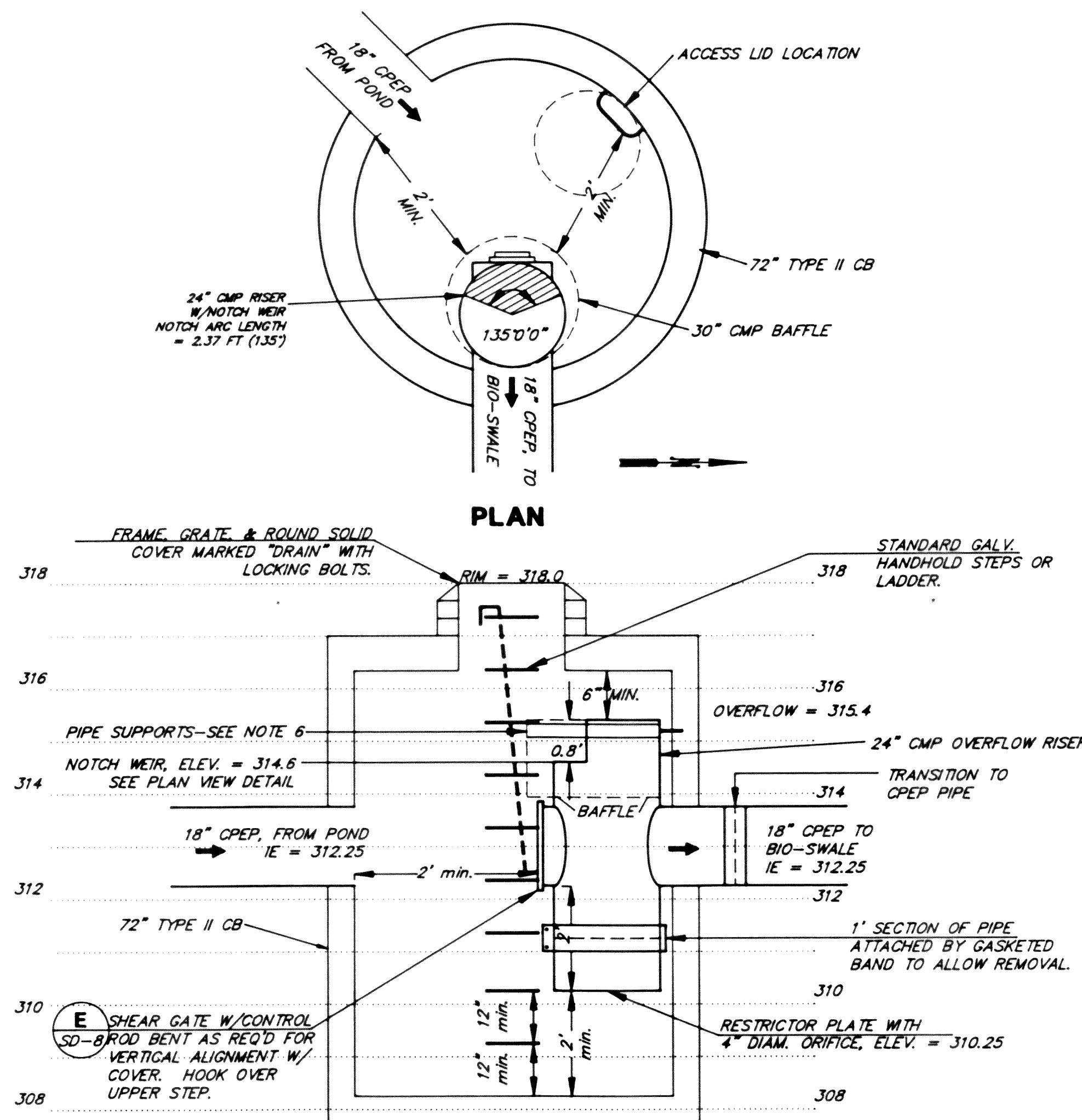
SHEAR GATE DETAIL

NO SCALE



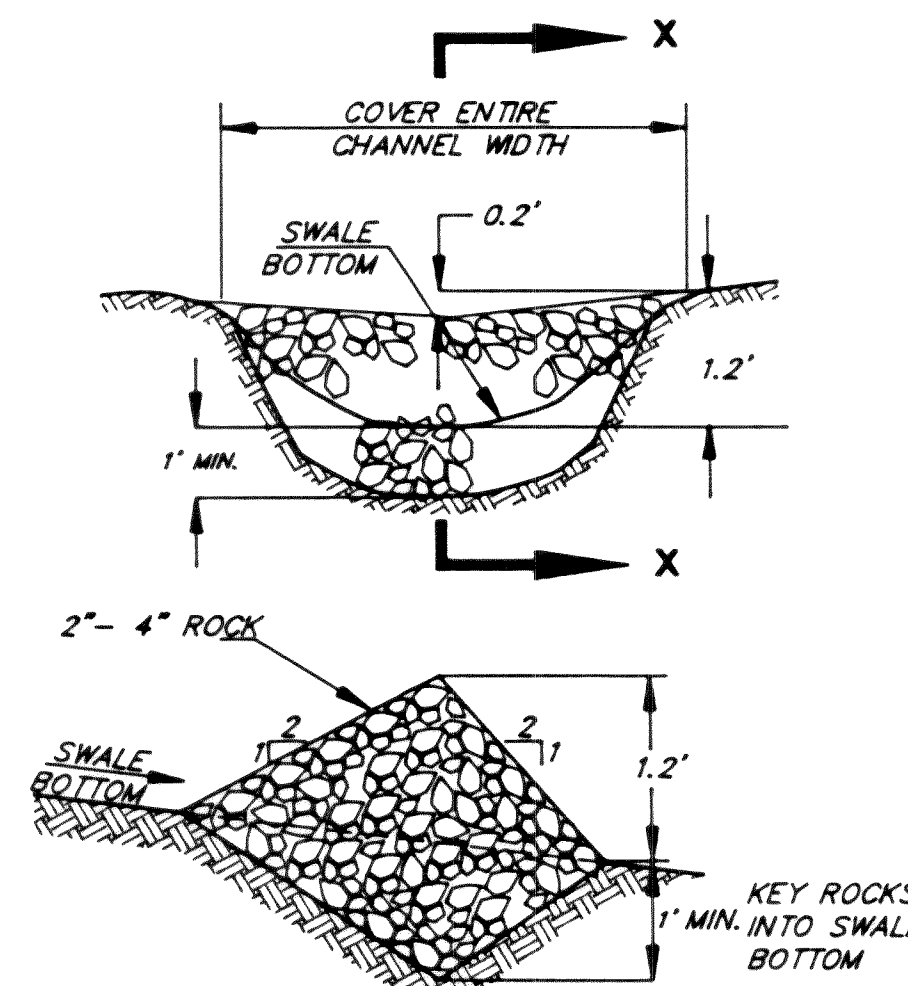
TRASHRACK DETAIL

NO SCALE



CB 6 CONTROL STRUCTURE

SCALE: 1" = 2'

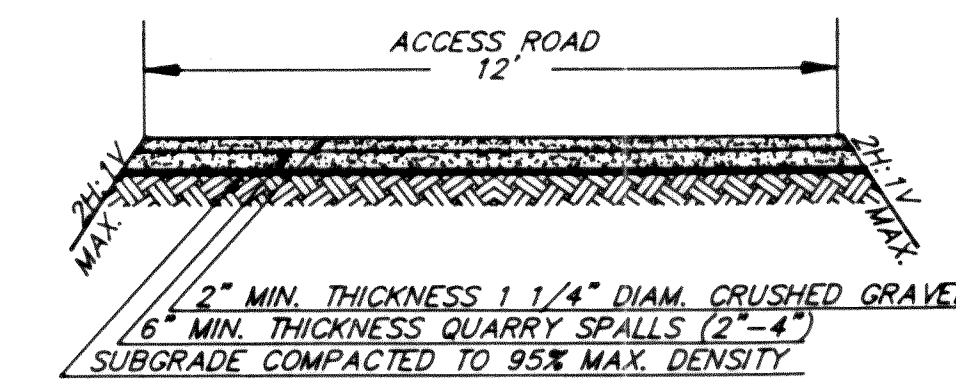


SECTION X-X
BIOFILTRATION SWALE
ROCK CHECK DAM

NOT TO SCALE

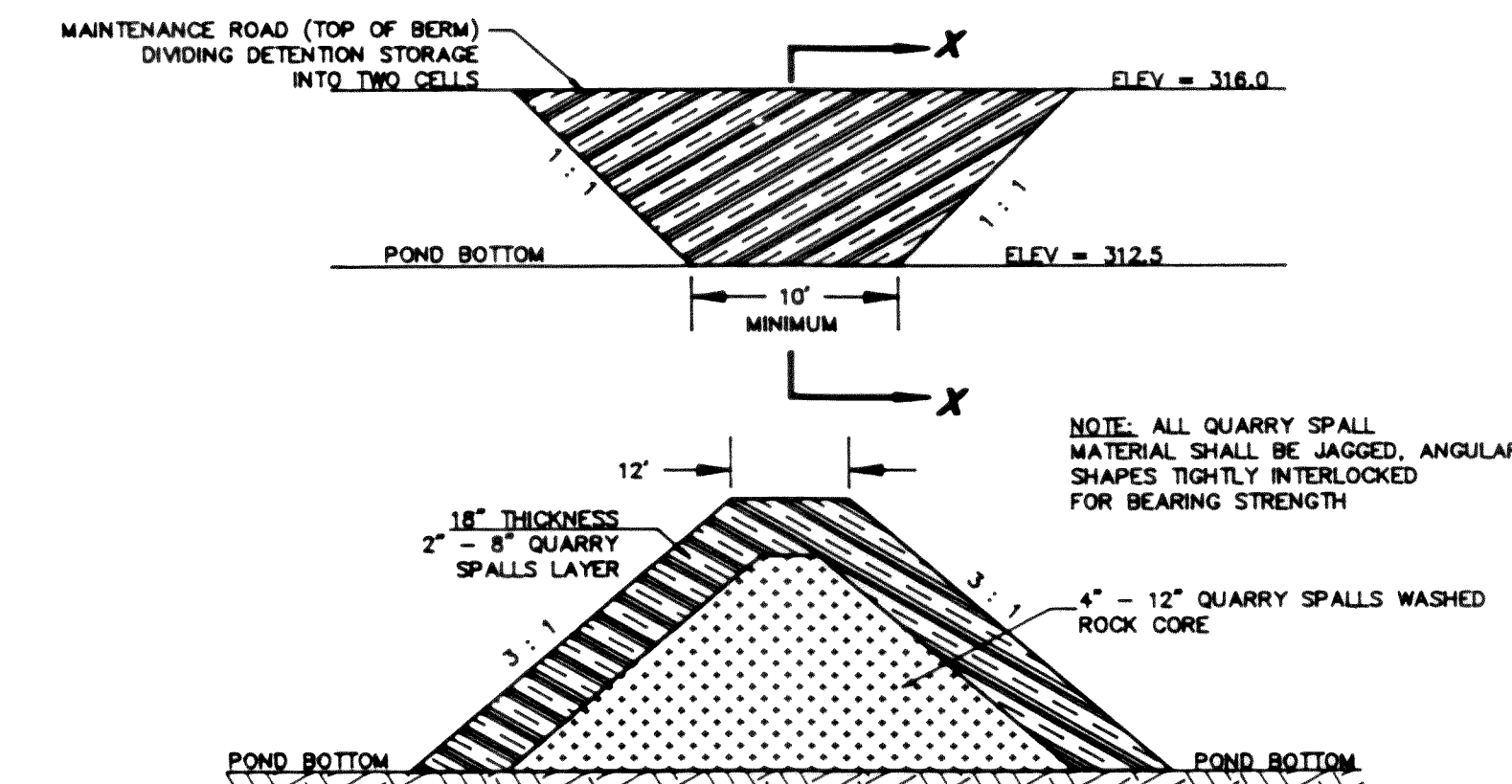
CONTROL STRUCTURE NOTES

1. USE MINIMUM 72" DIAM. TYPE 2 CATCH BASIN.
2. OUTLET CAPACITY: DEVELOPED DESIGN FLOW.
3. METAL PARTS: CORROSION RESISTANT. GALVANIZED PIPE PARTS TO HAVE ASPHALT TREATMENT 1.
4. FRAME & LADDER OR STEPS OFFSET SO:
 - A. CLEANOUT GATE IS VISIBLE FROM TOP.
 - B. CLIMB-DOWN SPACE IS CLEAR OF RISER AND CLEANOUT GATE.
 - C. FRAME IS CLEAR OF CURB.
5. IF METAL OUTLET PIPE CONNECTS TO GEMENT CONCRETE PIPE: OUTLET PIPE TO HAVE SMOOTH O.D. EQUAL TO CONCRETE PIPE I.D. LESS 1/4".
6. PROVIDE AT LEAST ONE 3" x 0.090 GAGE SUPPORT BRACKET ANCHORED CONCRETE WALL (MAX 3'-0" VERTICAL SPACING).
7. LOCATE ELBOW RESTRICTOR(S) AS NECESSARY TO PROVIDE MIN. CLEARANCE AS SHOWN.
8. LOCATE ADDITIONAL LADDER RUNGS IN STRUCTURES USED AS ACCESS TO TANKS OR VAULTS TO ALLOW ACCESS WHEN CATCH IS FILLED WITH WATER.



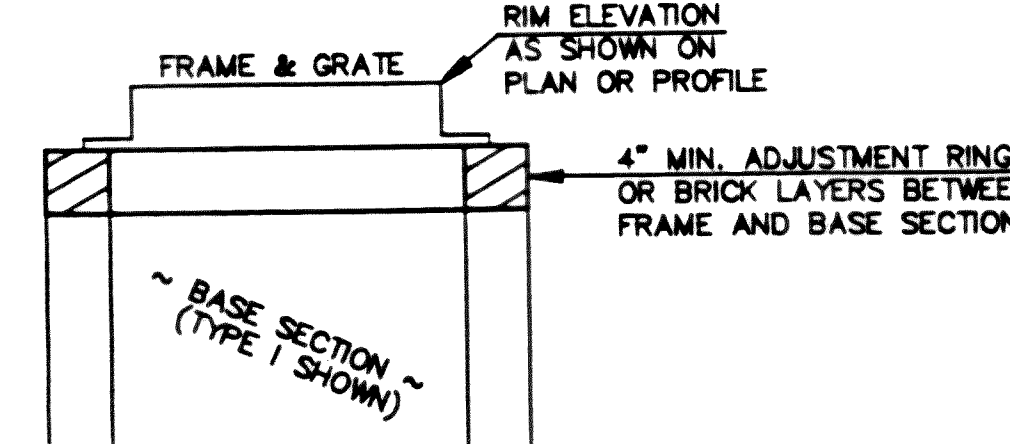
MAINTENANCE ROAD

NO SCALE



SECTION X-X
GRAVEL WINDOW

NO SCALE



CB FRAME DETAIL

NOT TO SCALE

DATE
10-29-92

REVISIONS
CCS 4/19/93 COMMENTS FROM D.D. PHASE

CONCEPT ENGINEERING, INC.
455 Rainier Boulevard North, Suite 200
Issaquah, Washington 98027
(206) 392-8055
Job No. 9228-2C



FERNDAL 1, 2 & BLAINE WARDS, &
BELLINGHAM STAKE CENTER, WA
THORNTON ROAD, FERNDAL, WA
The Church of Jesus Christ
of Latter-Day Saints

NOTES & DETAILS

SHEET TITLE

REGISTERED ARCHITECT
Gary Hanes Klenz
STATE OF WASHINGTON

DRAWN BY: CCS
CHECKED BY: CDC

PROPERTY NUMBER
539-3132-78

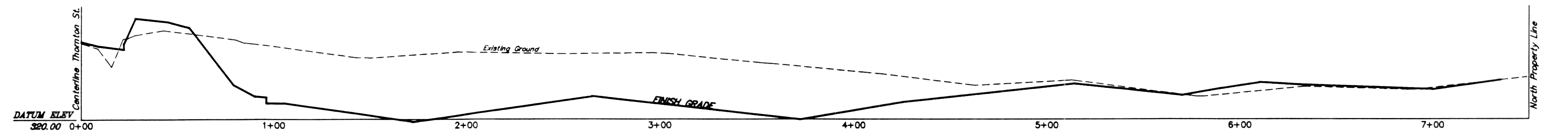
DEVELOPMENT NUMBER
LE91-334

SHEET NO.

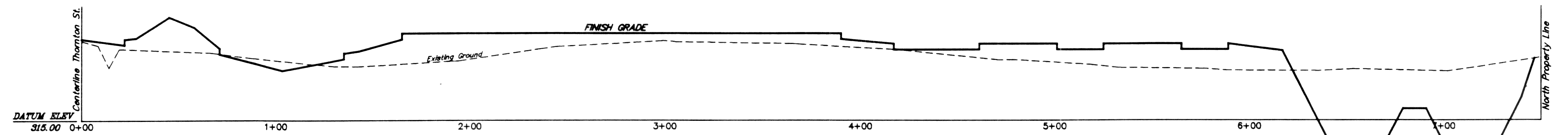
SD-8



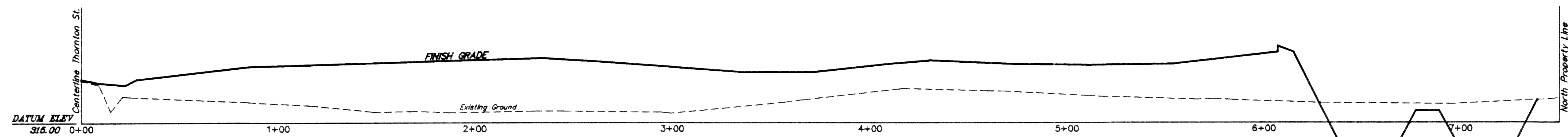
EXPIRES 6/94



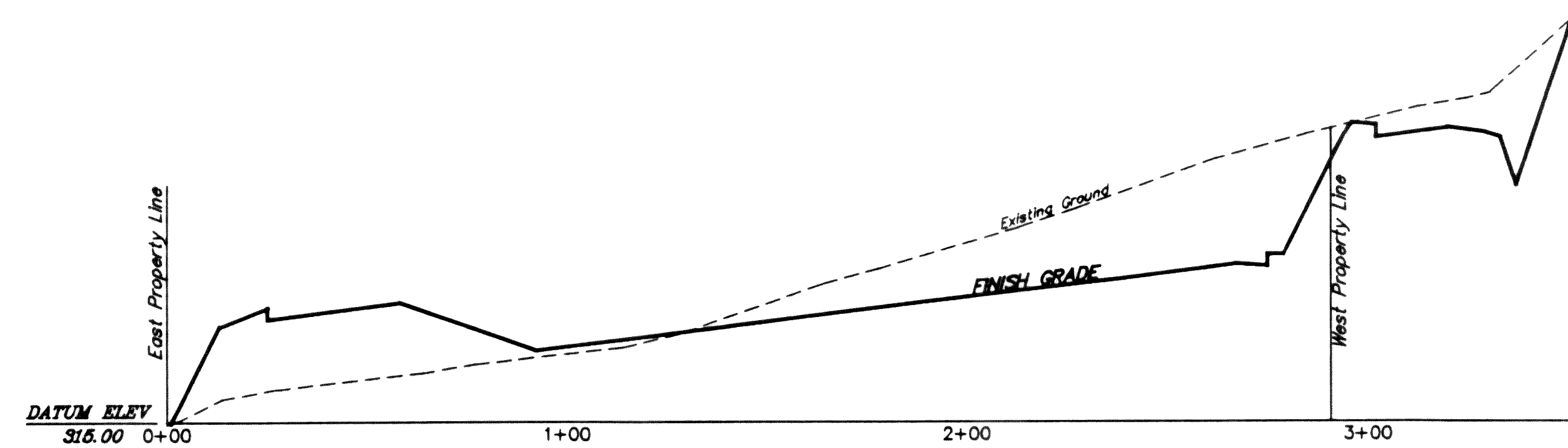
SECTION A
SCALE
H 1" = 30' V 1" = 5'
SD-2



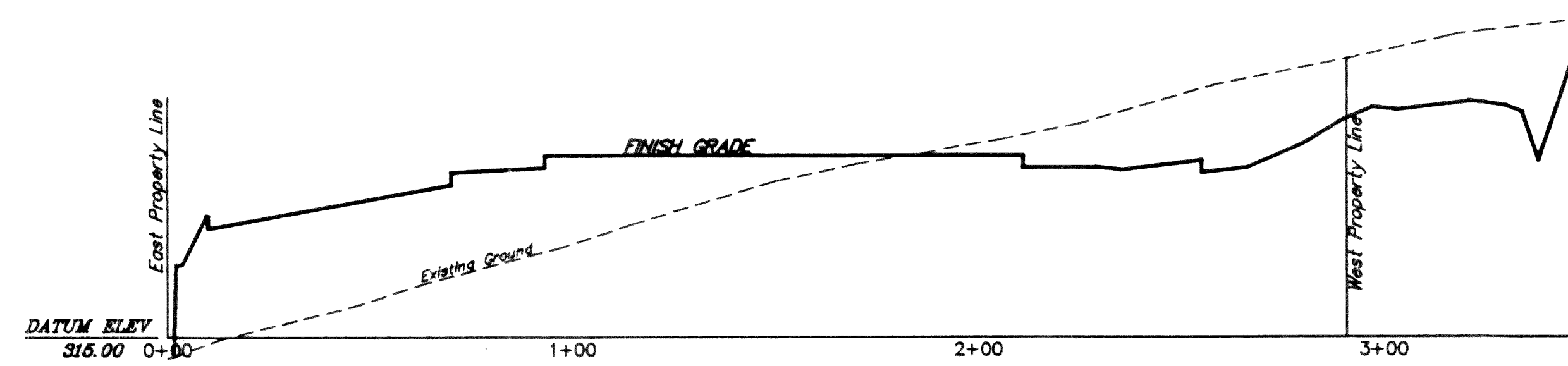
SECTION B
SCALE
H 1" = 30' V 1" = 5'
SD-2



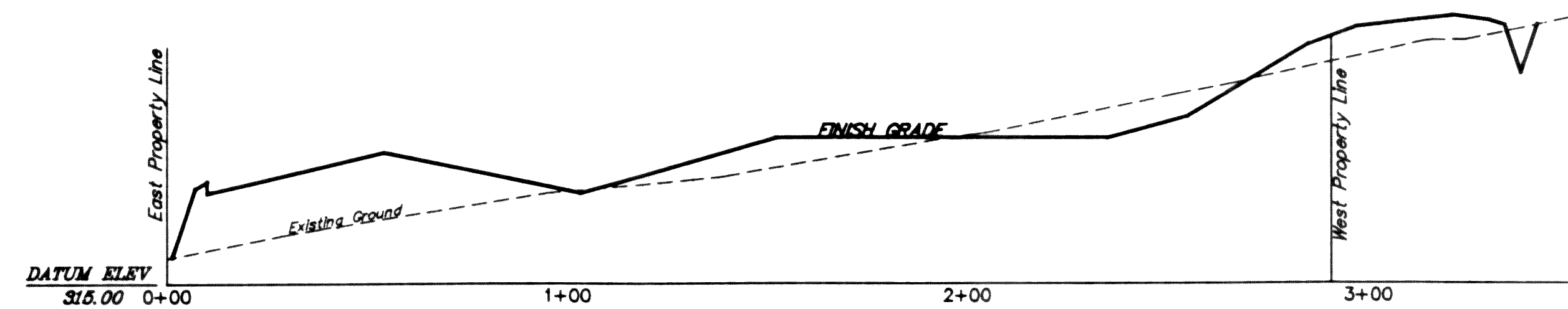
SECTION C
SCALE
H 1" = 30' V 1" = 5'
SD-2



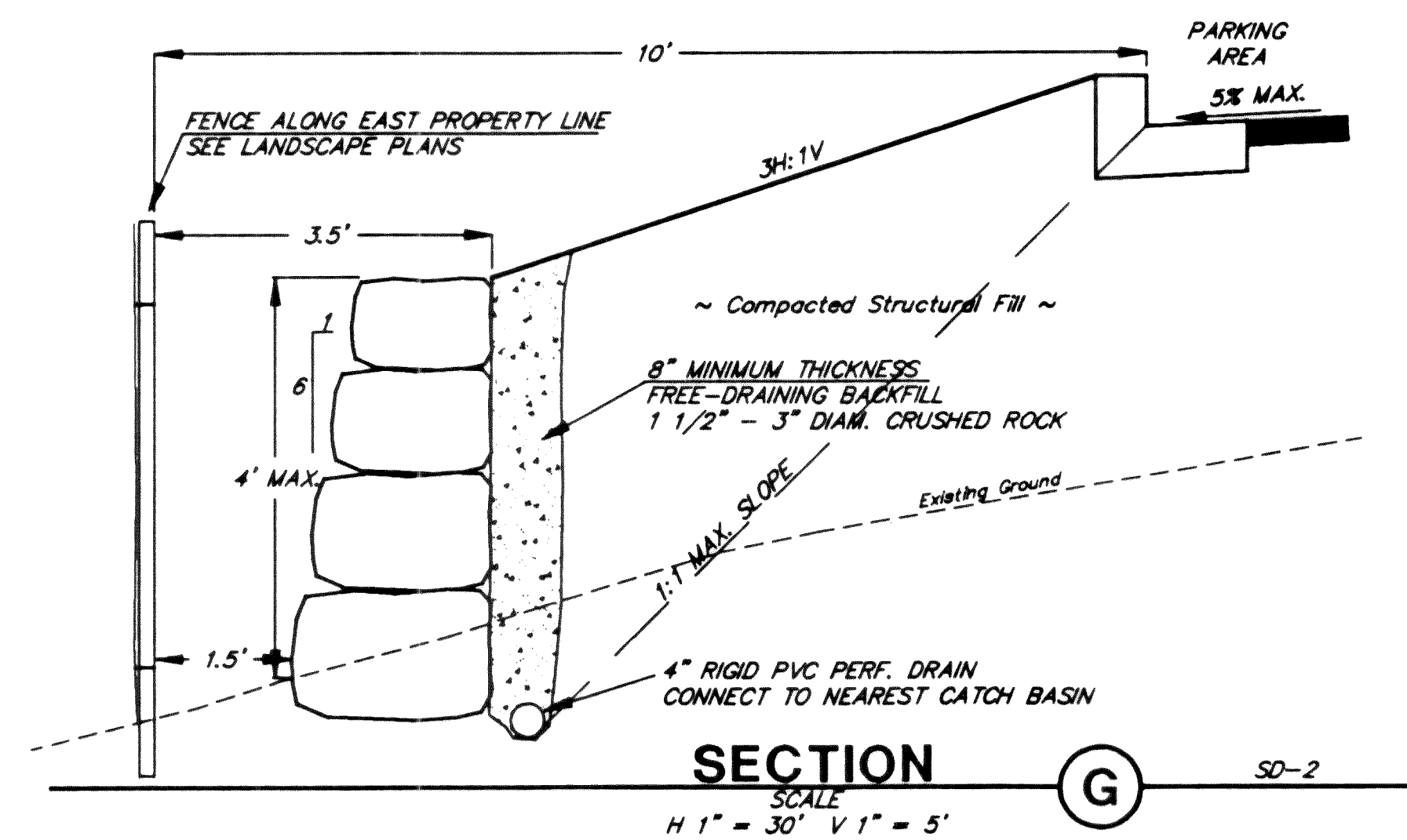
SECTION D
SCALE
H 1" = 30' V 1" = 5'
SD-2



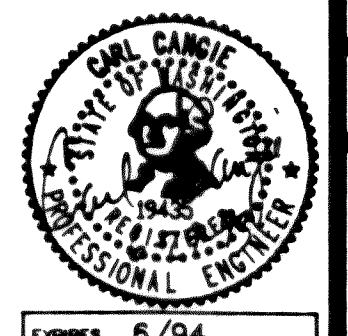
SECTION E
SCALE
H 1" = 30' V 1" = 5'
SD-2



SECTION F
SCALE
H 1" = 30' V 1" = 5'
SD-2



SECTION G
SCALE
H 1" = 30' V 1" = 5'
SD-2



DATE 10-29-92	
REVISIONS	DATE
CCS 4/19/93 COMMENTS FROM D.D. PHASE	
CCS 6/29/93 COMMENT FOR COMMENTS, ROCKY	
CONCEPT ENGINEERING, INC. 455 Rainier Boulevard North, Suite 200 Issaquah, Washington 98027 (206) 392-8055 Job No. 92236-30	
	
FERNDALE 1, BLAINE & WARDS BELLINGHAM WASHINGTON STAKE LDS CHURCH - NEW STAKE CENTER 2660 THORNTON ROAD, FERNDALE, WA The Church of Jesus Christ of Latter-Day Saints	
SITE CROSS-SECTIONS	
DRAWN BY: CCS	CHECKED BY: CDC
PROPERTY NUMBER 539-3132-78	
DEVELOPMENT NUMBER LE91-334	
SHEET NO. SD-9	
LUPRES 6/94	

00017.009 2.706 KR