



ENGINEER'S CERTIFICATION FOR TEMPORARY CERTIFICATE OF OCCUPANCY - APS NEXT GEN ACADEMY (FORMERLY NEW TECH H.S.)

I, J. GRAEME MEANS, N.M.P.E. 13676, OF THE FIRM HIGH MESA CONSULTING GROUP HEREBY CERTIFY THAT THE SITE HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED GRADING PLAN DATED 06/29/2010. THE PREVIOUSLY NOTED EXCEPTIONS HAVE BEEN EITHER CORRECTED OR VERIFIED NOT TO REPRESENT DRAINAGE PROBLEMS.

THE NEW RECORD SURVEY INFORMATION EDITED ONTO THE APPROVED PLAN IS FROM A DRAINAGE CERTIFICATION SURVEY CONDUCTED 06/06/2010 UNDER THE DIRECT SUPERVISION OF CHARLES G. DALA, JR., P.E. 11184, ALSO OF THE FIRM HIGH MESA CONSULTING GROUP. I FURTHER CERTIFY THAT I PERSONALLY VISITED THE PROJECT SITE AND DETERMINED BY VISUAL INSPECTION THAT THE DATA PROVIDED APPEARS TO BE REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED TO SUPPORT A TEMPORARY CERTIFICATE OF OCCUPANCY AND DOES NOT REPRESENT A CERTIFICATION FOR PERMANENT CERTIFICATE OF OCCUPANCY.

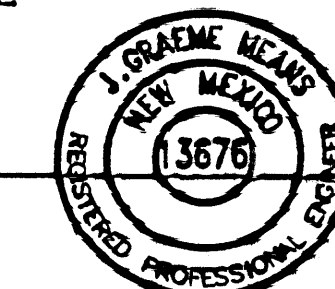
THE FOLLOWING ITEMS REQUIRE CORRECTION OR ADDITIONAL VERIFICATION PRIOR TO ENGINEER'S FINAL CERTIFICATION FOR PERMANENT CERTIFICATE OF OCCUPANCY:

- 1) THE AREA NORTH AND WEST OF THE EXISTING SHOP BUILDING WAS NOT CONSTRUCTED PER PLAN RESULTING IN A LOW SPOT THAT RETAINS STANDING WATER. THE PLANS REQUIRED REMOVAL AND REPLACEMENT OF A DRIVE SLAB ON THE WEST SIDE OF THE SHOP WHICH WAS NOT DONE. THERE WERE ALSO PAVEMENT SPOT ELEVATIONS NORTH AND WEST OF THIS THAT WERE NOT FOLLOWED RESULTING IN THE PONDING CONDITION. FURTHERMORE, THE SECTION OF CURB AND GUTTER IN THIS AREA WAS NOT DEEPENED WITH THE GUTTER SLOPPING AWAY FROM THE CURB AS INTENDED. INCLUDED HEREWITH IS A CORRECTIONS PLAN DEPICTING REMOVAL AND RECONSTRUCTION NECESSARY TO CORRECT THIS AREA.
- 2) THE WALKWAY CONNECTING THE EAST SIDE OF THE BUILDING TO THE PARKING LOT EAST OF THE BUILDING WAS CONSTRUCTED SLOPING THE OPPOSITE WAY FROM THE DESIGN INTENT (CONSTRUCTED SLOPING TOWARD THE BUILDING AND NOT AWAY FROM IT). THERE IS A SUBTLE SLOPE DESIGNED IN THE UPSTREAM CONTROLLING AREA THAT MAY NEGATE RUNOFF FROM ENTERING THIS AREA, HOWEVER, IT MAY RESULT IN STANDING WATER ON THE WALKWAY WHICH COULD FREEZE. THIS AREA NEEDS TO BE OBSERVED DURING A HEAVY RAINFALL OR FLOW TESTED TO SEE HOW IT PERFORMS. CORRECTIONS MAY BE REQUIRED.

UPON CORRECTION, A VERIFICATION SURVEY AND CERTIFICATION WILL BE PROVIDED FOR PERMANENT CERTIFICATE OF OCCUPANCY.

THE RECORD INFORMATION PRESENTED HEREIN IS NOT NECESSARILY COMPLETE, AND DOES NOT ADDRESS COMPLIANCE WITH A.D.A. GUIDELINES, AND IS INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

J. Graeme Means
J. GRAEME MEANS, N.M.P.E. 13676



9/20/2010
DATE

RECORD DRAWING LEGEND

CONSTRUCT	RECORD INFORMATION (VERIFIED BY ENGINEER)
AS-BUILT	AS-BUILT - AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)
AS-BUILT	RECORD INFORMATION FROM AS-BUILT SURVEY
AS-BUILT	RECORD INFORMATION FROM AS-BUILT SURVEY
AS-BUILT	RECORD INFORMATION FROM AS-BUILT SURVEY

ENGINEER'S CERTIFICATION FOR PERMANENT CERTIFICATE OF OCCUPANCY - APS NEXT GEN ACADEMY (FORMERLY NEW TECH H.S.)
I, J. GRAEME MEANS, N.M.P.E. 13676, OF THE FIRM HIGH MESA CONSULTING GROUP HEREBY CERTIFY THAT THE SITE HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED GRADING PLAN DATED 06/29/2010. THE PREVIOUSLY NOTED EXCEPTIONS HAVE BEEN EITHER CORRECTED OR VERIFIED NOT TO REPRESENT DRAINAGE PROBLEMS.

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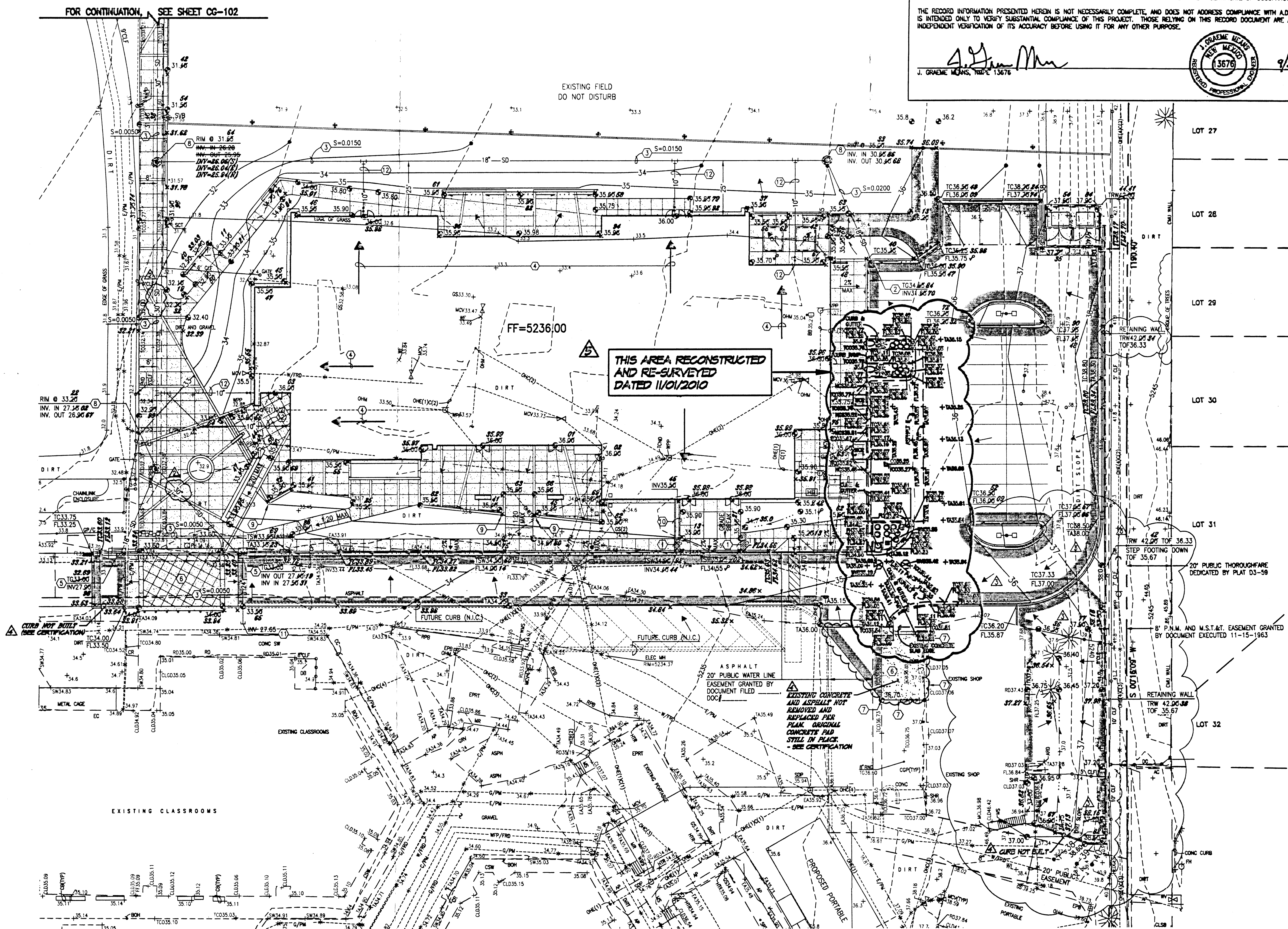


11/18/2010
DATE

FOR CONTINUATION, SEE SHEET CG-102

EXISTING FIELD
DO NOT DISTURB

THIS AREA RECONSTRUCTED
AND RE-SURVEYED
DATED 11/01/2010



CONSTRUCTION NOTES

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM 280-1980 (ALBUQUERQUE AREA) 1-800-321-ALERT(2537) (STATEWIDE), FOR LOCATION OF EXISTING UTILITIES, AND AMSTO UTILITY LOCATING COMPANY (888-3341) FOR LOCATION OF EXISTING PRIVATE UTILITIES ON AFS PROPERTY.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS OF THE INFORMATION WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. ALL WORK DETAIL ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED, FOR PERSONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7, ADDENDUM 1.
5. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE. THEREFORE, THE CONTRACTOR SHALL CONDUCT EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
6. THE DESIGN OF PLANTERS AND LANDSCAPED AREAS IS NOT PART OF THIS PLAN. ALL PLANTERS AND LANDSCAPED AREAS ADJACENT TO THE BUILDING(S) SHALL BE PROVIDED WITH POSITIVE DRAINAGE TO AVOID ANY PONDING ADJACENT TO THE STRUCTURE. FOR CONSTRUCTION DETAILS, REFER TO LANDSCAPING PLAN.
7. CONTRACTOR SHALL CONTACT ENGINEER TO SCHEDULE GRADING INSPECTION PRIOR TO LANDSCAPING TO VERIFY GRADED FLOWLINES.

EROSION CONTROL MEASURES

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.
2. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
3. WHEN APPLICABLE, CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY AND/OR FILE A NOTICE OF INTENT (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION.
4. UNLESS FINAL STABILIZATION IS OTHERWISE PROVIDED FOR, ANY AREAS OF EXCESS DISTURBANCE (TRAFFIC ACCESS, STORAGE YARD, EXCAVATED MATERIAL, ETC.) SHALL BE RE-SEEDING ACCORDING TO C.O.A. SPECIFICATION 1012 "NATIVE GRASS SEEDING". THIS WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.

SHEET KEYED NOTES

- 1) NEW 24" SIDEWALK CULVERT PER 05/CG-301
- 2) NEW 24" GRATE STORM INLET PER 01/CG-301
- 3) INSTALL HOPE (SMOOTH INTERIOR) STORM DRAIN WITH WATER TIGHT JOINTS AND WATER STOPS AT INLET AND MANHOLE CONNECTIONS - SLOPE AND SIZE AS NOTED
- 4) ROOF DRAINS TO TIE TO NEW STORM DRAIN
- 5) NEW TYPE "A" STORM INLET PER 05/CG-301
- 6) NEW CONCRETE PAVEMENT PER 04/CP-301
- 7) MATCH EXISTING ELEVATION
- 8) NEW 4" DIA. STORM DRAIN MANHOLE PER 01/CG-102
- 9) PROVIDE MINIMUM 8" WIDE X 8" HIGH OPENING FOR DRAINAGE
- 10) NEW CONCRETE ROUNDOFF PER 03/CG-301
- 11) INSTALL 24" HOPE PLUG FOR FUTURE EXTENSION
- 12) CONNECT TO BUILDING ROOF DRAIN PROVIDE DOUBLE CLEANOUT PER 05/CG-301 AND EXISTING 10" CAST IRON SOIL PIPE LINE TO MAIN. INSTALL HOPE TEE AT MAIN WITH HOPE TO C.I.S.P. ADAPTER.

LEGEND

25.41	PROPOSED SPOT ELEVATION
+24.86	EXISTING FLOWLINE ELEVATION
37	PROPOSED CONTOUR
-5008	EXISTING CONTOUR
---	PROPOSED FLOWLINE
---	PROPOSED DIRECTION OF FLOW
---	PROPOSED CONCRETE
---	PROPOSED ASPHALT PAVEMENT
---	PROPOSED HIGH POINT

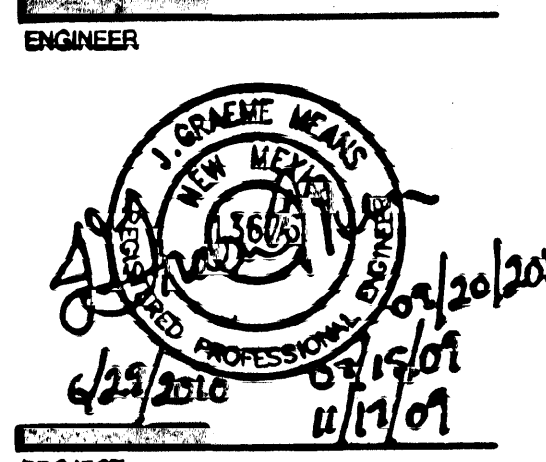
LEED SUBMITTAL NOTES

- LEED SUBMITTALS:
- PROVIDE THE OVERALL COST OF MATERIALS (IF ANY) ON LEED WORKSHEETS. PROVIDE SEPARATE COST BREAKOUT FOR MATERIALS THAT CONTRIBUTE TO MATERIALS AND RESOURCES CREDIT.
 - MISC - REGIONAL MATERIALS (IF ANY): FOR EACH REGIONAL MATERIAL, PROVIDE THE DISTANCE BETWEEN THE POINT OF EXTRACTION AND THE PROJECT SITE. AGGREGATES ARE EXPECTED TO CONTRIBUTE TO THIS CREDIT.

architecture
interiors
landscape
planning
engineering

Dekker Perich Sabatini

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505 761-8700
fax 505 761-4222
aps@apdesigns.org
ARCHITECT



NEW TECH HIGH SCHOOL
5325 MONTGOMERY NE
ALBUQUERQUE, NM

RECORD DRAWING

HIGH MESA Consulting Group

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DRAWN BY: JLM/ELU/LR
REVIEWED BY: GJM
DATE: 06-29-2009
PROJECT NO.: 06-0041
DRAWING NO.: GRADING PLAN (SOUTH)

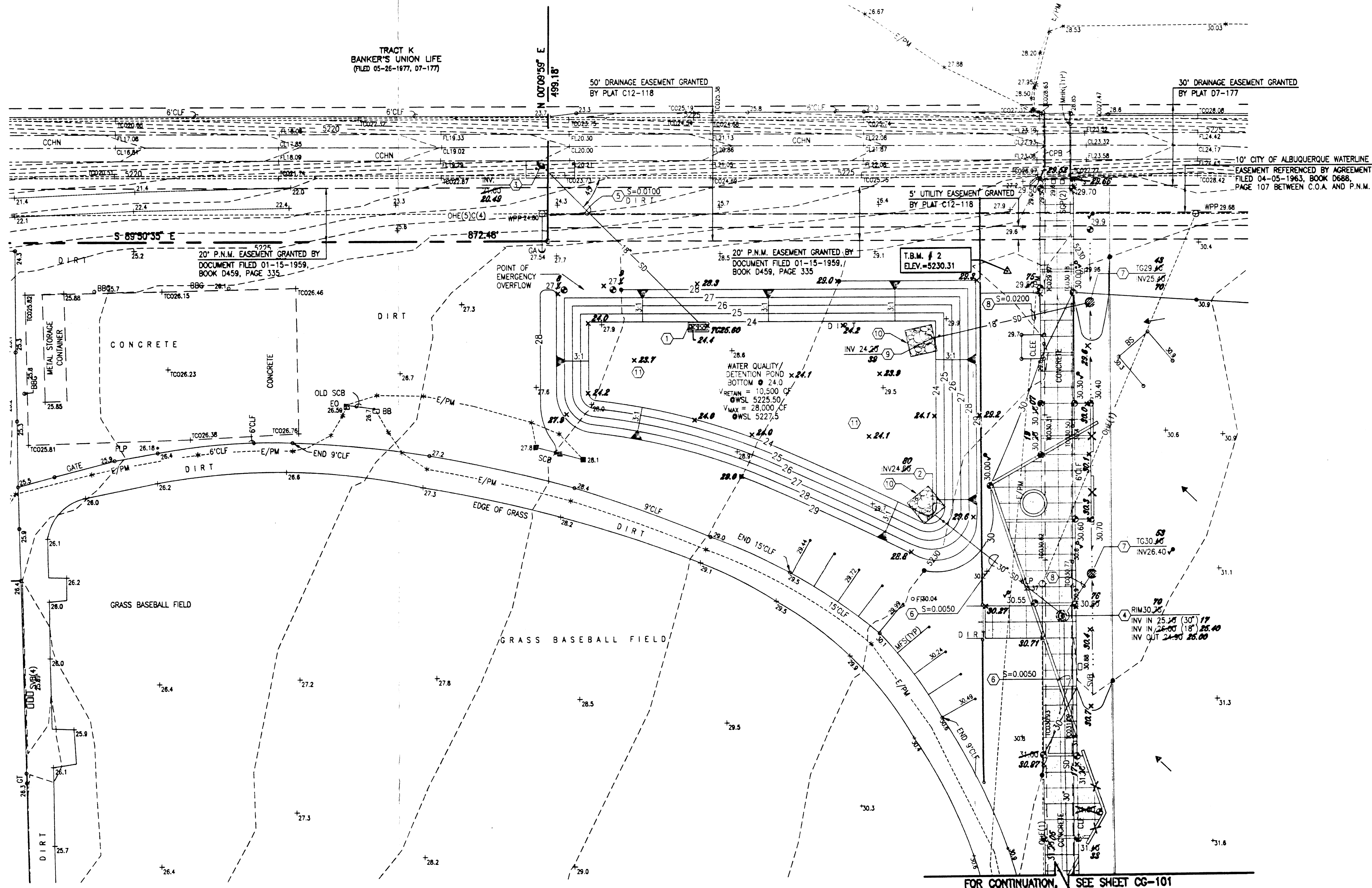
CG-101

2006.205.2 2009.600.T

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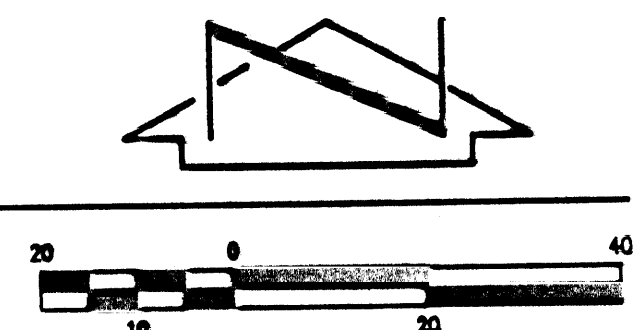
(A1) GRADING PLAN (NORTH)

SCALE: 1" = 20'



FOR CONTINUATION, SEE SHEET CG-101

RECORD DRAWING
FOR CERTIFICATION, SEE SHEET CG-101



RECORD DRAWING LEGEND

P AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)
+ 21.8 RECORD INFORMATION FROM AS-BUILT SURVEY
+ 22.8 RECORD INFORMATION FROM AS-BUILT SURVEY
Q 31.25.22 RECORD INFORMATION FROM AS-BUILT SURVEY

CONSTRUCTION NOTES

- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM 248-1840 (ALBUQUERQUE AREA), 1-800-331-ALERT (STATEWIDE), FOR LOCATION OF EXISTING UTILITIES, AND AGASTO UTILITY LOCATING COMPANY (888-3341) FOR LOCATION OF EXISTING PRIVATE UTILITIES ON AFS PROPERTY.
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- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1936 EDITION AS REVISED THROUGH UPDATE #7, AMENDMENT 1.
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- CONTRACTOR SHALL CONTACT ENGINEER TO SCHEDULE GRADING INSPECTION PRIOR TO LANDSCAPING TO VERIFY GRADED FLOWLINES.
- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
- BACKFILL COMPACTION SHALL BE ACCORDING TO ARTERIAL STREET USE.
- MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.

APPROVALS	NAME	DATE
HYDROLOGY		
SEWAGE		
INSPECTOR		
STORM DRAIN		
MAINTENANCE		

EROSION CONTROL MEASURES

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SHEET KEYNOTES

- NEW DOUBLE 10" STORM INLET PER B3/CG-301
INV. OUT 21.85.87
INV. IN 22.25.87
- NEW 30" PREFABRICATED HOPE END SECTION
- NEW CHANNEL PENETRATION PER CG-303. 30" #10 PERMIT REQUIRED, SEE CONST. NOTE 7
- NEW 4" DIA SLOUGH PER D1/CG-302
- INSTALL 18" RCP STORM DRAIN, SLOPE AS NOTED
- INSTALL 30" HOPE (SMOOTH INTERIOR) STORM DRAIN WITH WATER TIGHT JOINTS AND WATER STOPS AT INLET AND MANHOLE CONNECTIONS - SLOPE AS NOTED
- CONSTRUCT BEDROCK INLET PER B5/CG-301. INVERT AND GRATE ELEVATION AS NOTED.
- INSTALL 18" HOPE (SMOOTH INTERIOR) STORM DRAIN WITH WATER TIGHT JOINTS AND WATER STOPS AT INLET AND MANHOLE CONNECTIONS - SLOPE AS NOTED
- NEW 18" PREFABRICATED HOPE END SECTION
- CONSTRUCT 10'x10' RCP-RAP APRON PER B1/CG-301
- REVEGETATE DISTURBED AREA PER EROSION CONTROL MEASURE #4 ABOVE

LEGEND

25.41	PROPOSED SPOT ELEVATION
+ 24.88	EXISTING FLOWLINE ELEVATION
08	PROPOSED CONTOUR
---	EXISTING CONTOUR
---	PROPOSED FLOWLINE
---	ROOF DIRECTION OF FLOW
---	PROPOSED CONCRETE
---	PROPOSED ASPHALT PAVEMENT

architecture
interiors
landscape
planning
engineering

**Dekker
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ENGINEER



**NEW TECH
HIGH SCHOOL**
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ALBUQUERQUE, NM

REVISIONS
1. RECORD DRAWING & CERT.
FOR TEMP. C.O.
2. RECORD DRAWING & CERT.
FOR PERM. C.O.

DRAWN BY: JLM/ELM/MCA
REVIEWED BY: G.M.
DATE: 06-29-2009
PROJECT NO.: 08-0041
DRAWING NAME:
GRADING PLAN
(NORTH)

SHEET NO.
CG-102
OF

**HIGH
MESA Consulting Group**
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2008-205.2 2009-006.1



**NEW TECH
HIGH SCHOOL**
5325 MONTGOMERY NE
ALBUQUERQUE, NM

CONSTRUCTION NOTES

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM 202-1990 (ALBUQUERQUE AREA), 1-800-321-ALERT (STATEWIDE), FOR LOCATION OF EXISTING UTILITIES, AND ABASO UTILITY LOCATING COMPANY (888-334-1111) FOR LOCATION OF EXISTING PRIVATE UTILITIES ON APS PROPERTY.
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3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7, AMENDMENT 1.
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6. THE DESIGN OF PLANTERS AND LANDSCAPED AREAS IS NOT PART OF THIS PLAN. ALL PLANTERS AND LANDSCAPED AREAS ADJACENT TO THE BUILDING(S) SHALL BE PROVIDED WITH POSITIVE DRAINAGE TO AVOID ANY PONDING ADJACENT TO THE STRUCTURE. FOR CONSTRUCTION DETAILS, REFER TO LANDSCAPING PLAN.

EROSION CONTROL MEASURES

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4. UNLESS FINAL STABILIZATION IS OTHERWISE PROVIDED FOR, ANY AREAS OF EXCESS DISTURBANCE (TRAFFIC ACCESS, STORAGE YARD, EXCAVATED MATERIAL, ETC.) SHALL BE RE-SEEDING ACCORDING TO C.O.A. SPECIFICATION 1012 "NATIVE GRASS SEEDING". THIS WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.

SHEET KEYNOTES

1. CONSTRUCT CONCRETE SIDEWALK PER D5/CP-301. REFER TO ARCHITECTURAL PLANS FOR PATTERN, TEXTURE & COLOR.
2. CONSTRUCT 2'-0" CONCRETE RUNDOWN PER D3/CP-301.
3. CONSTRUCT 6" CURB AND GUTTER PER D1/CP-301.
4. CONSTRUCT DEPRESSIONED CURB AND GUTTER PER C3/CP-301.
5. CONSTRUCT ASPHALT PAVEMENT PER D3/CP-301.
6. CONSTRUCT 24" SIDEWALK CULVERT PER D5/CP-301.
7. CONSTRUCT MOUNTABLE CURB PER C1/CP-301.
8. CONSTRUCT 6" CONCRETE PAVEMENT PER D4/CP-301.
9. REFER TO ARCHITECTURAL PLANS FOR REFUSE SLAB & ENCLOSURE.
10. INSTALL CONCRETE WHEEL STOP PER C4/CP-301.
11. NEW RETAINING WALL - SEE STRUCTURAL.

LEGEND

- PROPOSED CONCRETE
PROPOSED ASPHALT PAVEMENT

COORDINATE LAYOUT POINTS (REFER TO SHEET CS-101 FOR CONTROL POINTS)

POINT #	NORTHING	EASTING	DESCRIPTION
1	1503866.92	1541365.44	PC/FACE OF CURB
2	1504033.92	1541337.91	ANGLE POINT/FACE OF CURB
3	1503851.92	1541286.56	PC/FACE OF CURB
4	1504006.95	1541260.41	ANGLE POINT/FACE OF CURB
5	1503875.92	1540912.58	END/FACE OF CURB
6	1506875.92	1541260.41	ANGLE POINT/FACE OF CURB
7	1503900.66	1540987.07	GRID INTERSECTION (A) - (1)
8	1504025.99	1541242.24	GRID INTERSECTION (1) - (5)
9	1504051.99	1541241.98	STORM DRAIN MANHOLE
10	1504051.99	1540941.58	STORM DRAIN MANHOLE
11	1503913.78	1540941.58	STORM DRAIN MANHOLE

ALL WHEELCHAIR RAMPS LOCATED WITHIN THE PUBLIC RIGHT-OF-WAY MUST HAVE TRUNCATED DOMES.

Public Infrastructure shown on these plans for information only and not part of approval. Separate DRG/Permit approval and Work Order required.

TRAFFIC CIRCULATION LAYOUT APPROVED

Signed: [Signature] Date: 07/01/09

RECEIVED
JUN 29 2009
HYDROLOGY SECTION

HIGH MESA Consulting Group

6010-B MIDWAY PARK BLVD. NE • ALBUQUERQUE, NEW MEXICO 87109
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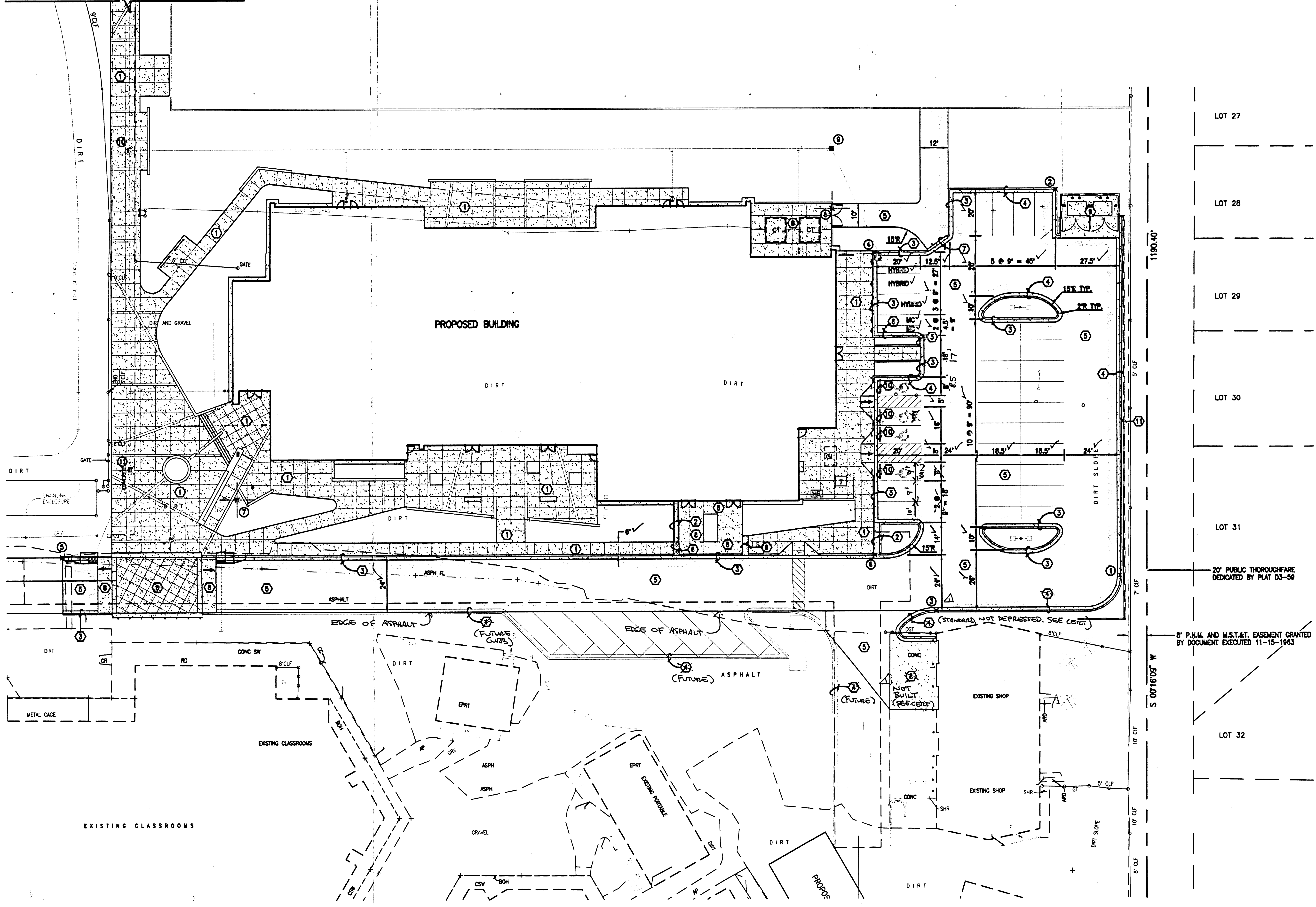
2009-006-1
2008.205.2

REVISIONS
ENGINEER'S CERT.
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DRAWN BY: JLP/JRG/CABLE
REVIEWED BY: G.M.
DATE: 06-29-2009
PROJECT NO.: 2009.006.1
DRAWING NAME: PAVING PLAN (SOUTH)

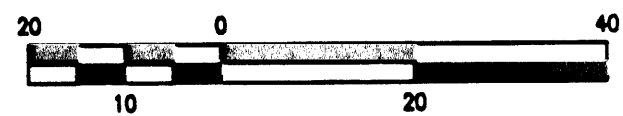
SHEET NO. **CP-101**

FOR CONTINUATION, SEE SHEET CP-102



A1 PAVING PLAN (SOUTH)

SCALE: 1" = 20'



CONSTRUCTION NOTES

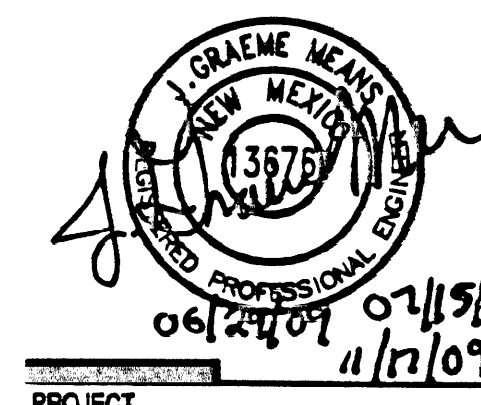
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM 260-1990 (ALBUQUERQUE AREA), 1-800-321-ALERT(2537) (STATEWIDE), FOR LOCATION OF EXISTING UTILITIES, AND ARSATO UTILITY LOCATING COMPANY (889-3341) FOR LOCATION OF EXISTING PRIVATE UTILITIES ON APS PROPERTY.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IF MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1998 EDITION AS REVISED THROUGH UPDATE #7, AMENDMENT 1.
- IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE. THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
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- CONTRACTOR SHALL CONTACT ENGINEER TO SCHEDULE GRADING INSPECTION PRIOR TO LANDSCAPING TO VERIFY GRADED FLOWLINES.

architecture
interiors
landscape
planning
engineering

**Dekker
Perich
Sabatini**

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Albuquerque, NM 8710
505 761-9700
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dps@dpdesign.org
ARCHITECT

ENGINEER



**NEW TECH
HIGH SCHOOL**
5325 MONTGOMERY NE
ALBUQUERQUE, NM

EROSION CONTROL MEASURES

- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.
- THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
- WHEN APPLICABLE, CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY AND/OR FILE A NOTICE OF INTENT (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION.
- UNLESS FINAL STABILIZATION IS OTHERWISE PROVIDED FOR, ANY AREAS OF EXCESS DISTURBANCE (TRAFFIC ACCESS, STORAGE YARD, EXCAVATED MATERIAL, ETC.) SHALL BE RE-SEEDING ACCORDING TO C.O.A. SPECIFICATION 10.7 "WATER GRASS SEEDING". THIS WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.

SHEET KEYED NOTES

- NEW 24" SIDEWALK CULVERT PER D5/CG-301
- NEW 24" GRATE STORM INLET PER D1/CG-301
- INSTALL HDPE (SMOOTH INTERIOR) STORM DRAIN WITH WATER TIGHT JOINTS AND WATER STOPS AT INLET AND MANHOLE CONNECTIONS - SLOPE AND SIZE AS NOTED
- ROOF DRAINS TO TIE TO NEW STORM DRAIN
- NEW TYPE "A" STORM INLET PER A5/CG-301
- NEW CONCRETE PAVEMENT PER D4/CP-301
- MATCH EXISTING ELEVATION
- NEW 4" DIA. STORM DRAIN MANHOLE PER D1/CG-102
- PROVIDE MINIMUM 8" WIDE X 6" HIGH OPENING FOR DRAINAGE
- NEW CONCRETE RUNDOWN PER D3/CG-301
- INSTALL 24" HDPE PLUG FOR FUTURE EXTENSION
- CONNECT TO BUILDING ROOF DRAIN, PROVIDE DOUBLE CLEANOUT PER A5/CG-301 AND EXTEND 10' CAST IRON SOIL PIPE LINE TO MAIN. INSTALL HDPE TEE AT MAIN WITH HDPE TO C.I.S.P. ADAPTER.

LEGEND

- 25.41 PROPOSED SPOT ELEVATION
- +24.58 EXISTING FLOWLINE ELEVATION
- 37 EXISTING CONTOUR
- 37.00 EXISTING CONTOUR
- PROPOSED FLOWLINE
- PROPOSED DIRECTION OF FLOW
- PROPOSED CONCRETE
- PROPOSED ASPHALT PAVEMENT
- PROPOSED HIGH POINT

LEED SUBMITTAL NOTES

- LEED SUBMITTALS:
- PROVIDE THE OVERALL COST OF MATERIALS (IF ANY) ON LEED WORKSHEETS. PROVIDE SEPARATE COST BREAKOUT FOR MATERIALS THAT CONTRIBUTE TO MATERIALS AND RESOURCES CREDITS.
 - MRS - REGIONAL MATERIALS (IF ANY): FOR EACH REGIONAL MATERIAL PROVIDE THE DISTANCE BETWEEN THE POINT OF EXTRACTION AND THE PROJECT SITE. AGGREGATES ARE EXPECTED TO CONTRIBUTE TO THIS CREDIT.

REVISIONS

- NO CHANGES
- REVERSE STORM DRAIN SIZES FROM 24" TO 30" AND LEED SUBMITTAL NOTES
- ADD RETAINING WALL & PAVING BEHIND SHOP

DRAWN BY JLP/BLU/Y.R.
REVIEWED BY G.M.
DATE 08-29-2009
PROJECT NO. 08-0041
DRAWING NAME GRADING PLAN (SOUTH)

SHEET NO.

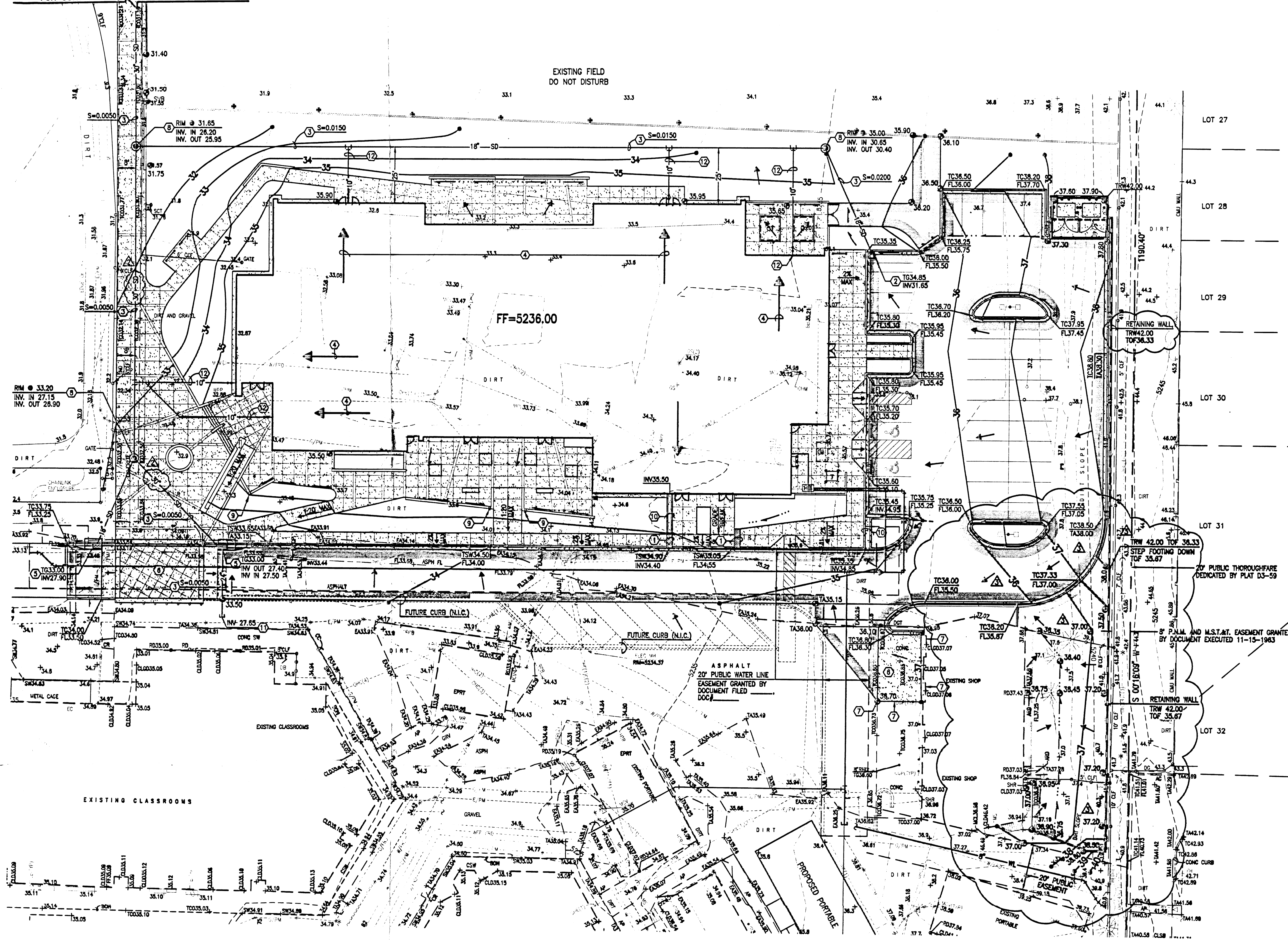
CG-101

OF

**HIGH
MESA Consulting Group**

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2009.006.1

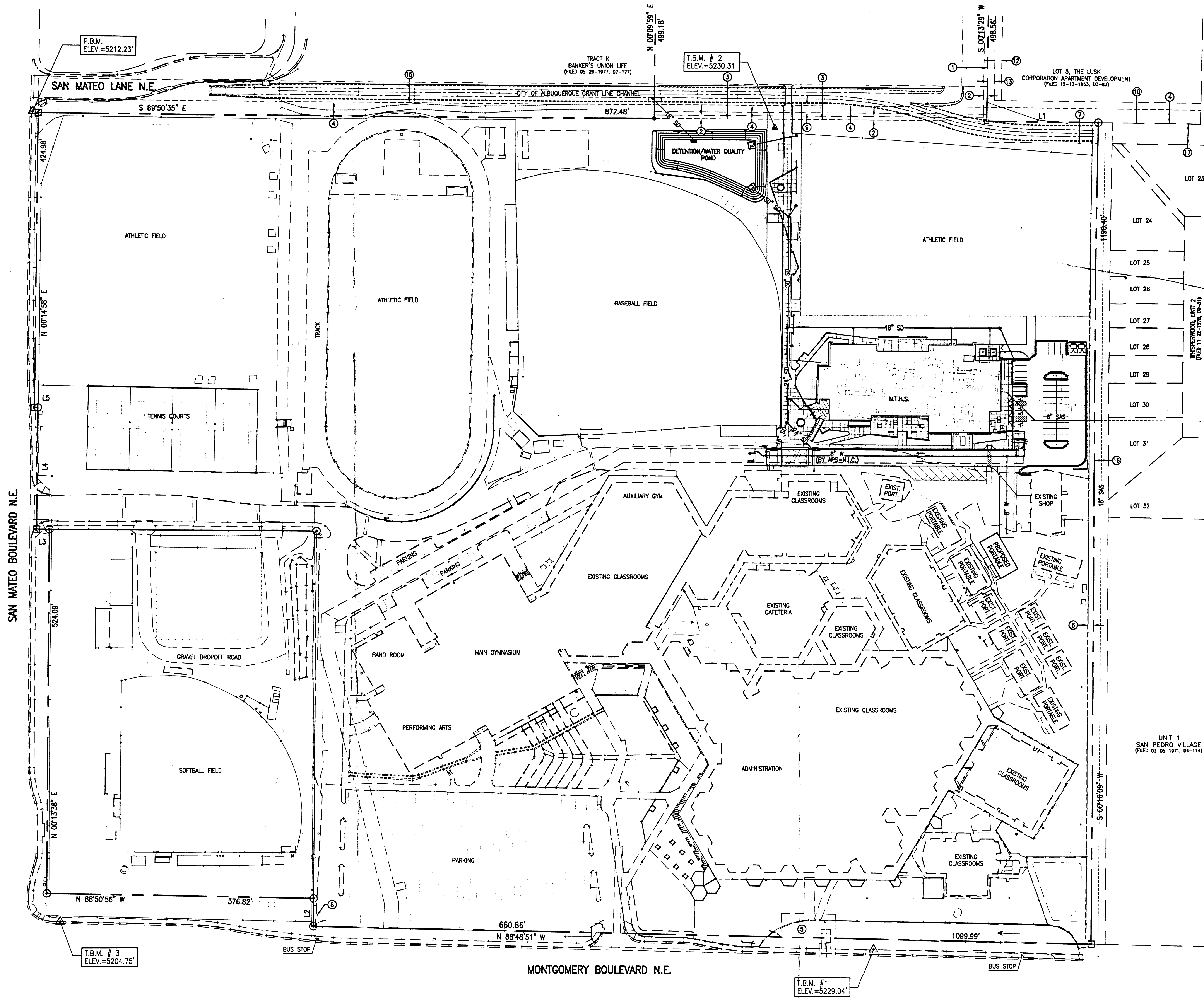
FOR CONTINUATION, SEE SHEET CG-102



A1 GRADING PLAN (SOUTH)

SCALE: 1" = 20'

File Path: E:\DWG\2009\06\1\A1.dwg Plot Date: 06-26-2009
File Name: 90061CS-101.DWG Plot Time: 09:12 am



A1 CIVIL SITE PLAN
SCALE: 1" = 60'

BENCHMARKS

PROJECT BENCHMARK

ACS 3 1/4" ALUMINUM CAP STAMPED "9-F18 1986", SET FLUSH IN THE TOP OF CURB, IN THE SOUTHEAST QUADRANT OF THE INTERSECTION OF SAN MATEO BOULEVARD AND SAN MATEO LANE N.E., AS SHOWN.
ELEVATION = 5212.228 FEET (NAVD 1986)

T.B.M. #1

ACS 1 3/4" ALUMINUM CAP STAMPED "ACS BM, 11-F18", EPOXY TO TOP OF CONCRETE BASE OF LIGHT STANCHION, ONE QUADRANT OF MONTGOMERY BOULEVARD AND MADEIRA DRIVE (EXTENDED) N.E., AS SHOWN.
ELEVATION = 5229.041 FEET (NAVD 1986)

T.B.M. #2

A BRIDGE SPIKE WITH JMA CONTROL CAP LOCATED APPROXIMATELY 36' SOUTH OF THE PEDESTRIAN BRIDGE TO THE STUDENT PARKING AND 14' WEST OF THE CONCRETE WALKWAY, AS SHOWN.
ELEVATION = 5230.31 FEET (NAVD 1986)

T.B.M. #3

ACS 1 3/4" ALUMINUM CAP STAMPED "ACS BM, 10-F18", EPOXY TO TOP OF CONCRETE DROP INLET, ONE QUADRANT OF MONTGOMERY BOULEVARD AND SAN MATEO BOULEVARD N.E., AS SHOWN.
ELEVATION = 5204.752 FEET (NAVD 1986)

SURVEY NOTE

THIS IS NOT A BOUNDARY SURVEY; DATA IS SHOWN FOR ORIENTATION ONLY. THE BOUNDARY INFORMATION DEPICTED BY THIS PLAN IS BASED UPON THE BOUNDARY SURVEY PREPARED BY HIGH MESA CONSULTING GROUP, NMPS NO. 11184, DATED 06/30/2006. TOPOGRAPHIC SURVEY INFORMATION IS BASED UPON A TOPOGRAPHIC SURVEY PREPARED BY HIGH MESA CONSULTING GROUP ON 06/30/2006, NMPS NO.11184.

EASEMENT KEYNOTES

EASEMENTS

- ① 36' DRAINAGE EASEMENT GRANTED BY PLAT C12-118
 - ② 5' UTILITY EASEMENT GRANTED BY PLAT C12-118
 - ③ 50' DRAINAGE EASEMENT GRANTED BY PLAT C12-118
 - ④ 20' P.U.M. EASEMENT GRANTED BY DOCUMENT FILED 01-15-1959, BOOK 0459, PAGE 335
 - ⑤ PEDESTRIAN CROSSWALK EASEMENT GRANTED BY DOCUMENT EXECUTED 03-13-1980
 - ⑥ 8' P.U.M. AND 15' S.T. EASEMENT GRANTED BY DOCUMENT EXECUTED 11-15-1963
 - ⑦ CITY OF ALBUQUERQUE DRAINAGE EASEMENT GRANTED BY DOCUMENT EXECUTED 09-02-1970
 - ⑧ P.U.M. EASEMENT GRANTED BY DOCUMENT EXECUTED 04-07-1969
 - ⑨ 10' CITY OF ALBUQUERQUE WATERLINE EASEMENT REFERENCED BY AGREEMENT FILED 04-05-1963, BOOK 0688, PAGE 107 BETWEEN C.O.A. AND P.U.M.
- ### EASEMENTS - OFFSITE
- ⑩ 30' UTILITY AND DRAINAGE EASEMENT GRANTED BY PLAT D3-83
 - ⑪ 44' UTILITY AND DRAINAGE EASEMENT GRANTED BY PLAT D3-83
 - ⑫ 10' SEWER MAIN EASEMENT GRANTED BY PLAT D3-83
 - ⑬ 10' UTILITY EASEMENT GRANTED BY PLAT D3-83
 - ⑭ 20' UTILITY EASEMENT GRANTED BY PLAT D4-11
 - ⑮ 30' DRAINAGE EASEMENT GRANTED BY PLAT D7-177
 - ⑯ 20' PUBLIC THOROUGHFARE DEDICATED BY PLAT D3-59
 - ⑰ 30' UTILITY AND DRAINAGE EASEMENT GRANTED BY PLAT D3-59

architecture
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**Dekker
Perich
Sabatini**

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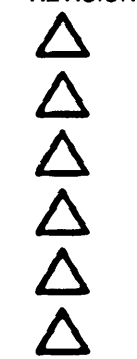
ENGINEER



PROJECT

**NEW TECH
HIGH SCHOOL**
5325 MONTGOMERY NE
ALBUQUERQUE, NM

REVISIONS



DRAWN BY JLP/BLE/DMH
REVIEWED BY G.M.
DATE 06-29-2009
PROJECT NO. 08-0041
DRAWING NAME
CIVIL SITE PLAN

RECEIVED
JUN 29 2009
HYDROLOGY
SECTION

**HIGH
MESA Consulting Group**

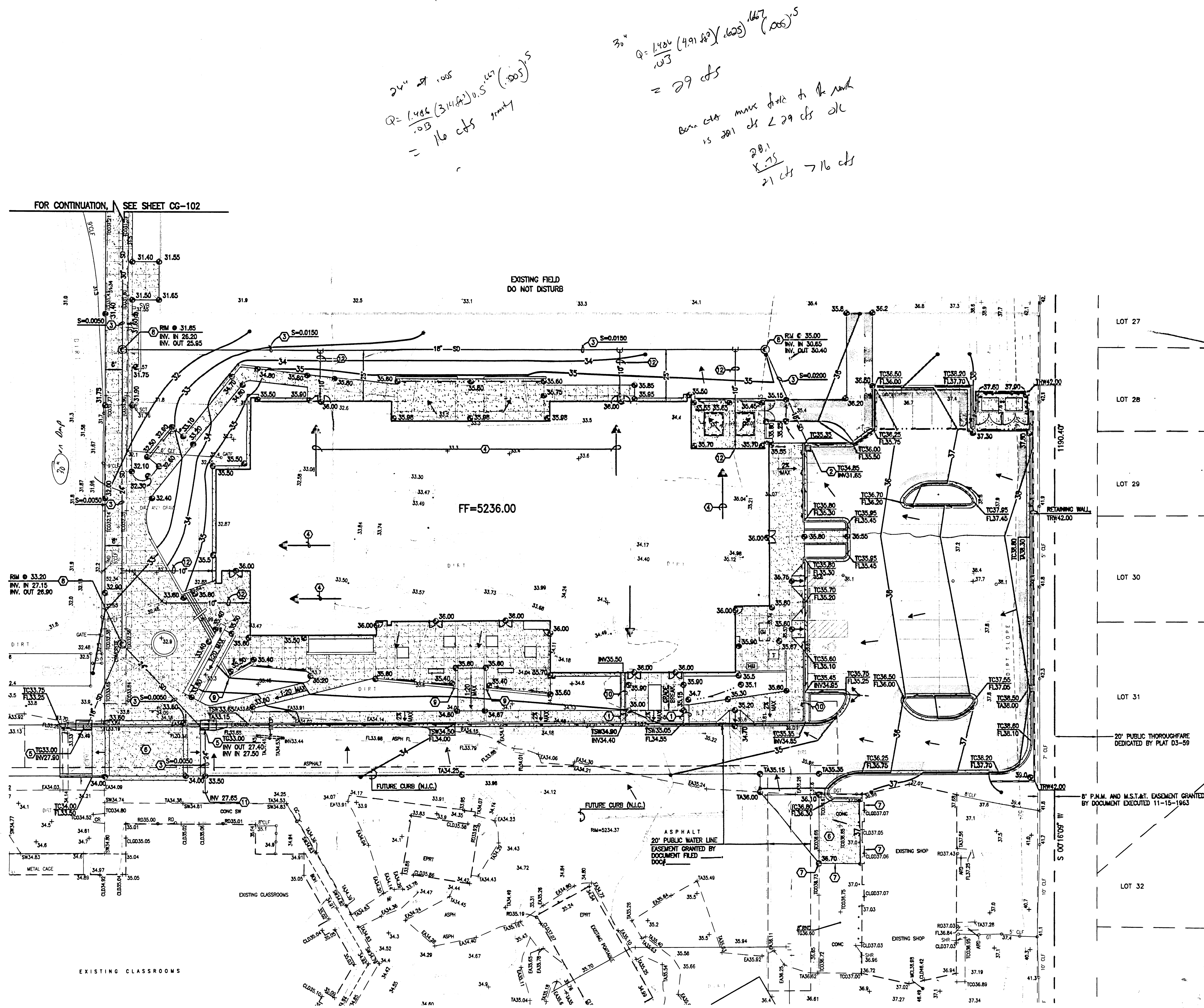
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2009.006.1

SHEET NO.

CS-101

OF

File Path: \\A:\DATA\CG\101\CG\101.DWG Plot Date: 06-28-2009
File Name: 20091001-101.DWG Plot Time: 09:18 am



A1 GRADING PLAN (SOUTH)
SCALE: 1" = 20'

CONSTRUCTION NOTES

- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM 260-1990 (ALBUQUERQUE AREA), 1-800-321-ALERT(2537) (STATEWIDE), FOR LOCATION OF EXISTING UTILITIES, AND ABASTO UTILITY LOCATING COMPANY (889-3341) FOR LOCATION OF EXISTING PRIVATE UTILITIES ON APS PROPERTY.
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- CONTRACTOR SHALL CONTACT ENGINEER TO SCHEDULE GRADING INSPECTION PRIOR TO LANDSCAPING TO VERIFY GRADED FLOWLINES.

EROSION CONTROL MEASURES

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- THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
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SHEET KEYED NOTES

- NEW 24" SIDEWALK CULVERT PER D5/CG-301
- NEW 24" GRATE STORM INLET PER D1/CG-301
- INSTALL HOPE (SMOOTH INTERIOR) STORM DRAIN WITH WATER TIGHT JOINTS AND WATER STOPS AT INLET AND MANHOLE CONNECTIONS - SLOPE AND SIZE AS NOTED
- ROOF DRAINS TO TIE TO NEW STORM DRAIN
- NEW TYPE "A" STORM INLET PER A5/CG-301
- NEW CONCRETE PAVEMENT PER D4/CP-301
- MATCH EXISTING ELEVATION
- NEW 4" DIA. STORM DRAIN MANHOLE PER D1/CG-102
- PROVIDE MINIMUM 6" WIDE X 6" HIGH OPENING FOR DRAINAGE
- NEW CONCRETE RUNDOWN PER D3/CG-301
- INSTALL 24" HOPE PLUG FOR FUTURE EXTENSION
- CONNECT TO BUILDING ROOF DRAIN, PROVIDE DOUBLE CLEANOUT PER A5/CG-301 AND EXTEND 10' CAST IRON SOIL PIPE LINE TO MAIN. INSTALL HOPE TEE AT MAIN WITH HOPE TO C.I.S.P. ADAPTER.

LEGEND

- 25.41 PROPOSED SPOT ELEVATION
- +24.86 EXISTING FLOWLINE ELEVATION
- 37- PROPOSED CONTOUR
- EXISTING CONTOUR
- PROPOSED FLOWLINE
- PROPOSED DIRECTION OF FLOW
- PROPOSED CONCRETE
- PROPOSED ASPHALT PAVEMENT
- PROPOSED HIGH POINT

architecture
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ARCHITECT

ENGINEER

**NEW TECH
HIGH SCHOOL**
6325 MONTGOMERY NE
ALBUQUERQUE, NM

REVISIONS

△
△
△
△
△

DRAWN BY JLP/BLF/R
REVIEWED BY G.M.
DATE 06-29-2009
PROJECT NO. 06-0041
DRAWING NAME
GRADING PLAN
(SOUTH)

RECEIVED

HIGH MESA Consulting Group

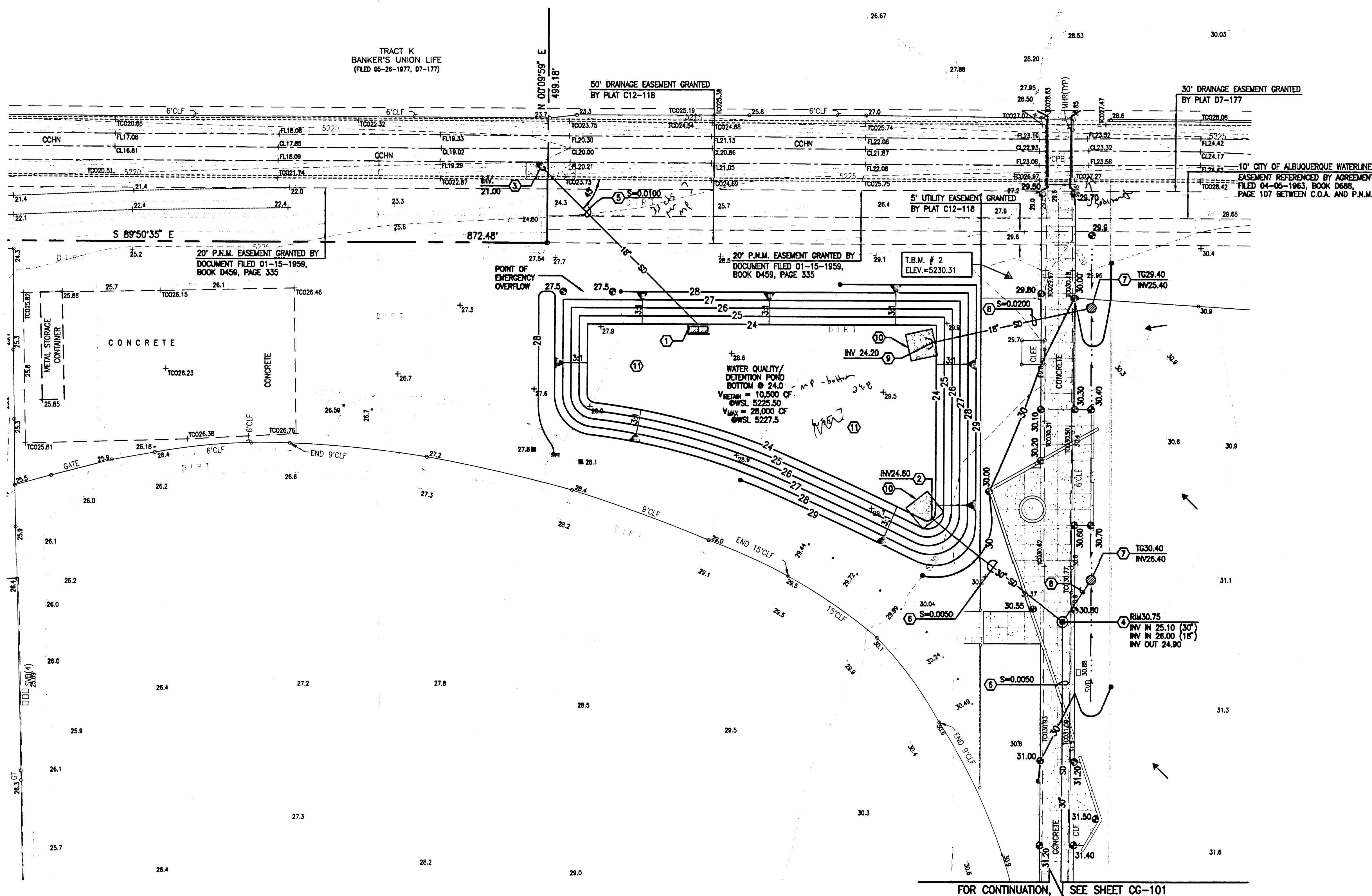
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2009.006.1

SHEET NO. CG-101
OF

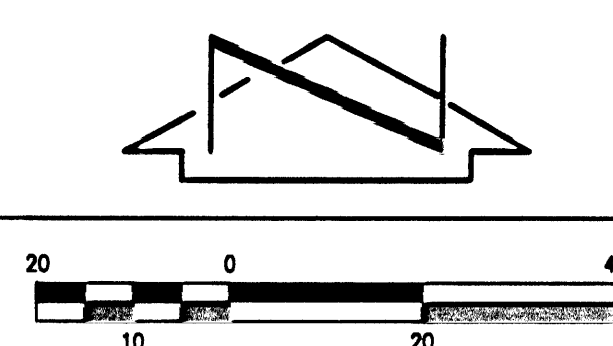
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File Name: 90051CG-102.DWG | Plot Time: 1:18 pm

A1 GRADING PLAN (NORTH)

SCALE: 1" = 20'



FOR CONTINUATION, SEE SHEET CG-101



CONSTRUCTION NOTES

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM 266-1990 (ALBUQUERQUE AREA), 1-800-321-ALERT(2577) (STATEWIDE), FOR LOCATION OF EXISTING UTILITIES, AND ABASTO UTILITY LOCATING COMPANY (889-3341) FOR LOCATION OF EXISTING PRIVATE UTILITIES ON AFS PROPERTY.
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7. CONTRACTOR SHALL CONTACT ENGINEER TO SCHEDULE GRADING INSPECTION PRIOR TO LANDSCAPING TO VERIFY GRADED FLOWLINES.
8. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
9. BACKFILL COMPACTION SHALL BE ACCORDING TO ARTERIAL STREET USE.
10. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.

APPROVALS	NAME	DATE
HYDROLOGY		
SIDWALK INSPECTOR		
STORM DRAIN MAINTENANCE		

EROSION CONTROL MEASURES

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SHEET KEYNOTES

- ① NEW DOUBLE "D" STORM INLET PER B3/CG-301
INV. OUT 21.85, CG 24.5
TG25.50
- ② NEW 30" PREFABRICATED HDPE END SECTION
- ③ NEW CHANNEL PENETRATION PER CG-303, SO #19 PERMIT REQUIRED, SEE CONST. NOTE 7
- ④ NEW 4" DIA SDMH PER D1/CG-302
- ⑤ INSTALL 18" RCP STORM DRAIN, SLOPE AS NOTED
- ⑥ INSTALL 30" HDPE (SMOOTH INTERIOR) STORM DRAIN WITH WATER TIGHT JOINTS AND WATER STOPS AT INLET AND MANHOLE CONNECTIONS - SLOPE AS NOTED
- ⑦ CONSTRUCT BEEHIVE INLET PER B5/CG-301. INVERT AND GRATE ELEVATION AS NOTED.
- ⑧ INSTALL 18" HDPE (SMOOTH INTERIOR) STORM DRAIN WITH WATER TIGHT JOINTS AND WATER STOPS AT INLET AND MANHOLE CONNECTIONS @ S=0.0200
- ⑨ NEW 18" PREFABRICATED HDPE END SECTION
- ⑩ CONSTRUCT 10'x10' RIP-RAP APRON PER B1/CG-301
- ⑪ REVEGETATE DISTURBED AREA PER EROSION CONTROL MEASURE #4 ABOVE

LEGEND

- 25.41 PROPOSED SPOT ELEVATION
- + 24.86 EXISTING FLOWLINE ELEVATION
- 06— PROPOSED CONTOUR
- — — EXISTING CONTOUR
- — — PROPOSED FLOWLINE
- ← ROOF DIRECTION OF FLOW
- PROPOSED CONCRETE
- PROPOSED ASPHALT PAVEMENT

architecture
interiors
landscape
planning
engineering

**Dekker
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ARCHITECT

ENGINEER

NEW MEXICO
13678
PROFESSIONAL
06/29/2009

PROJECT

**NEW TECH
HIGH SCHOOL**
5325 MONTGOMERY NE
ALBUQUERQUE, NM

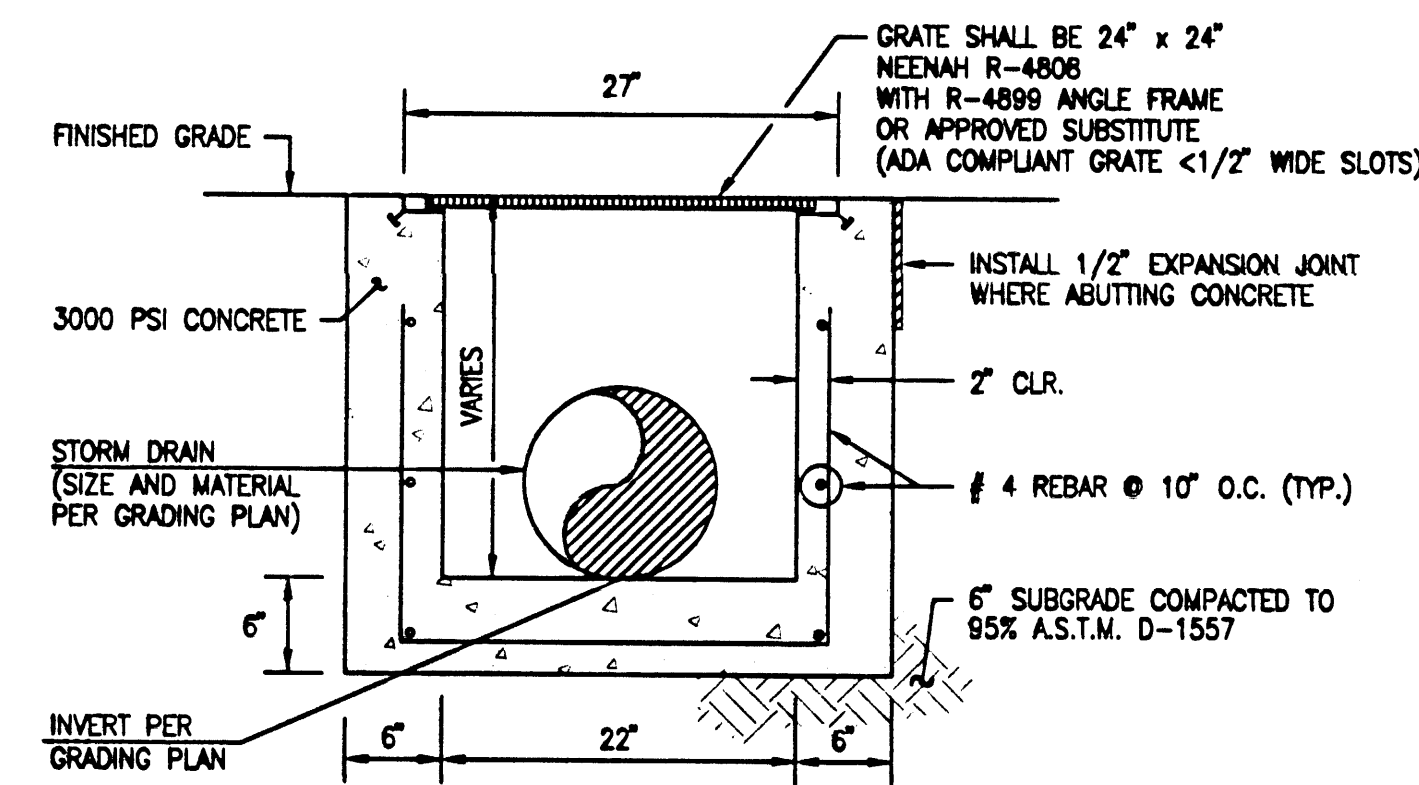
REVISIONS

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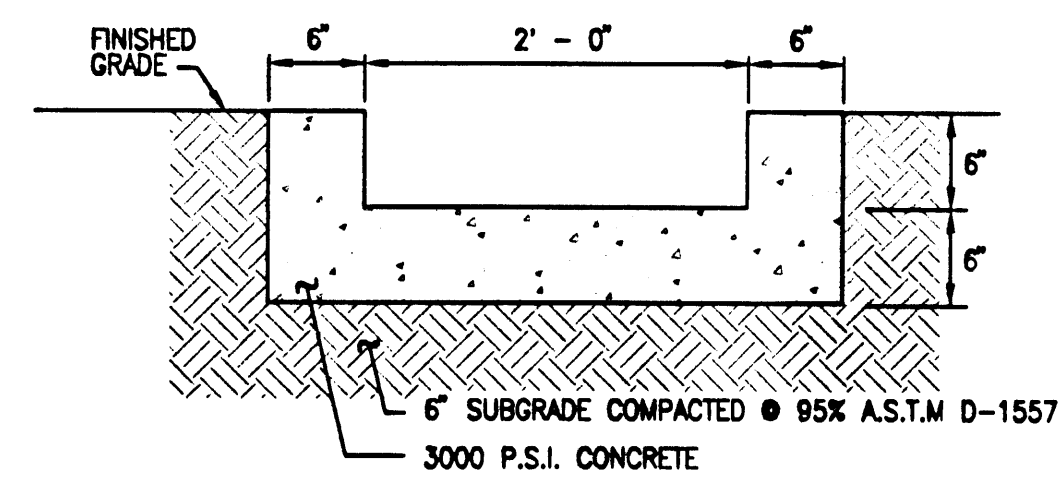
DRAWN BY JLP/BLE/DMH/CFA
REVIEWED BY G.M.
DATE 06-29-2009
PROJECT NO. 08-0041
DRAWING NAME
GRADING PLAN (NORTH)

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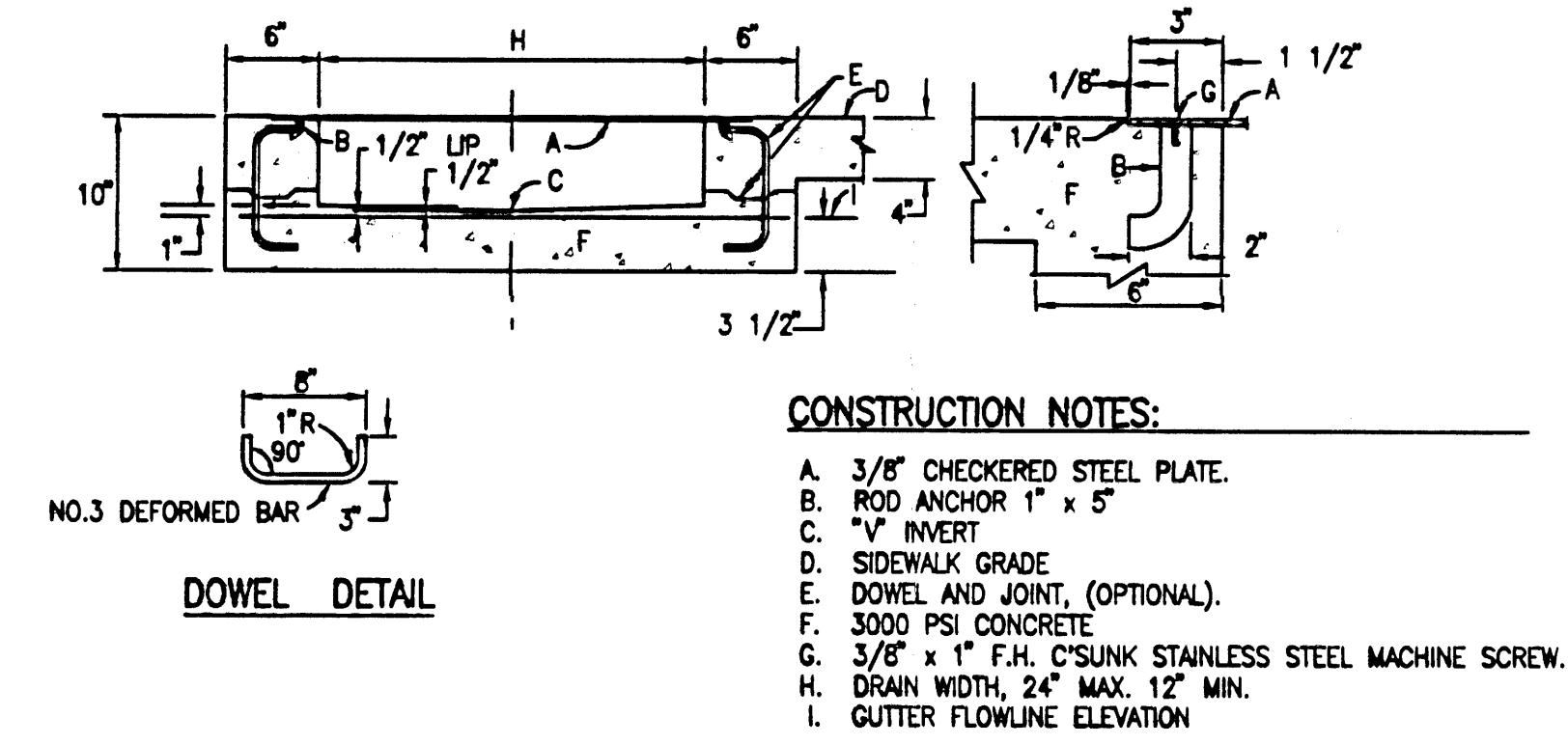
SHEET NO. CG-102



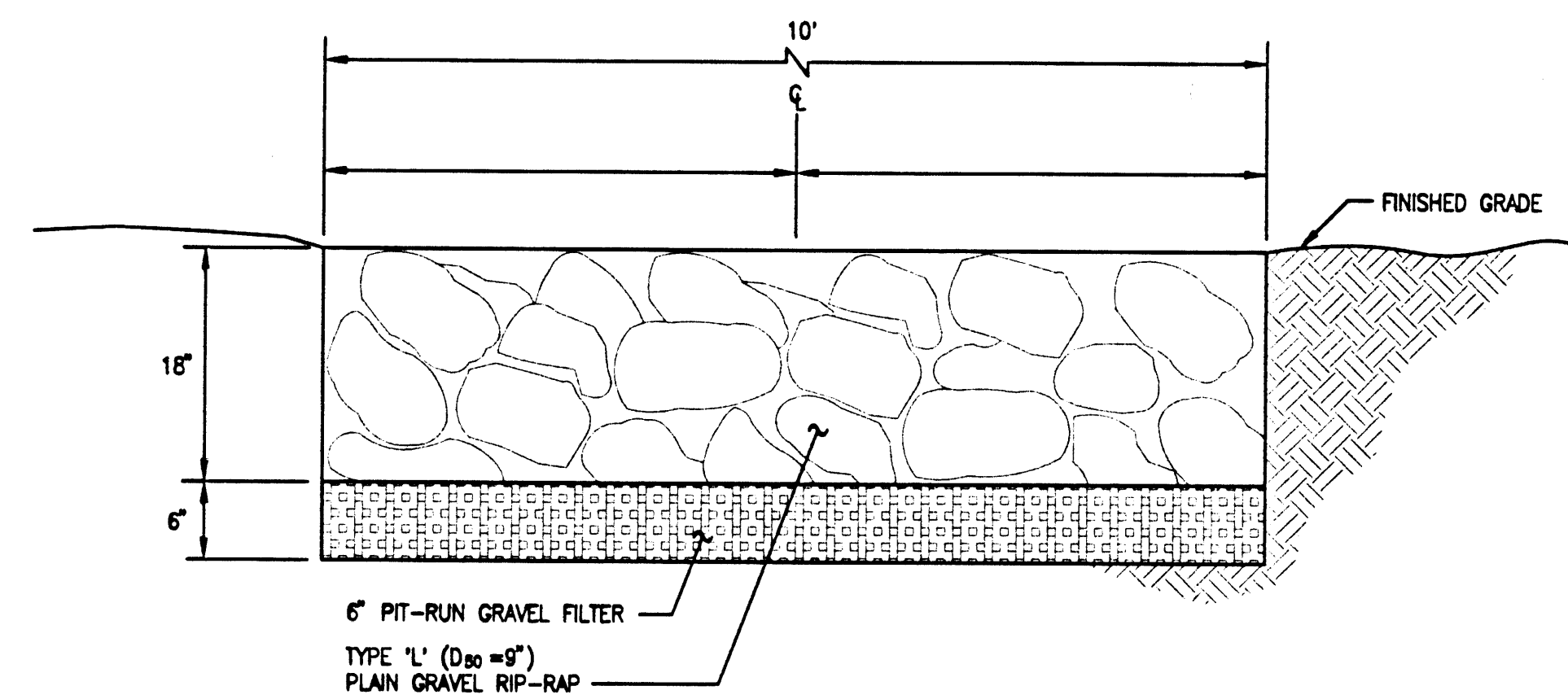
D2 TYPICAL 24" X 24" STORM INLET SECTION
SCALE: 1" = 1'-0"



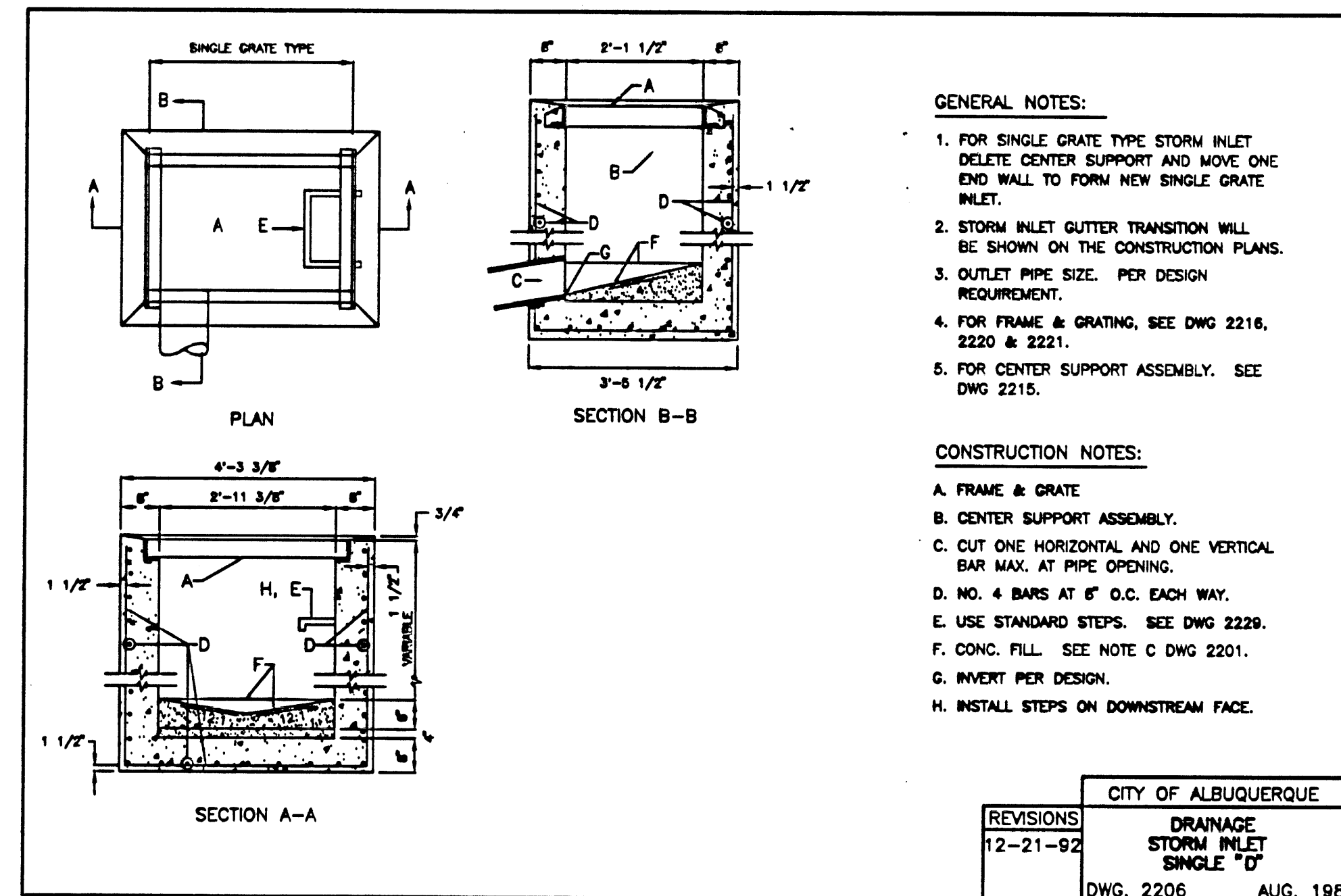
D3 TYPICAL CONCRETE RUNDOWN SECTION
SCALE: 1" = 1'-0"



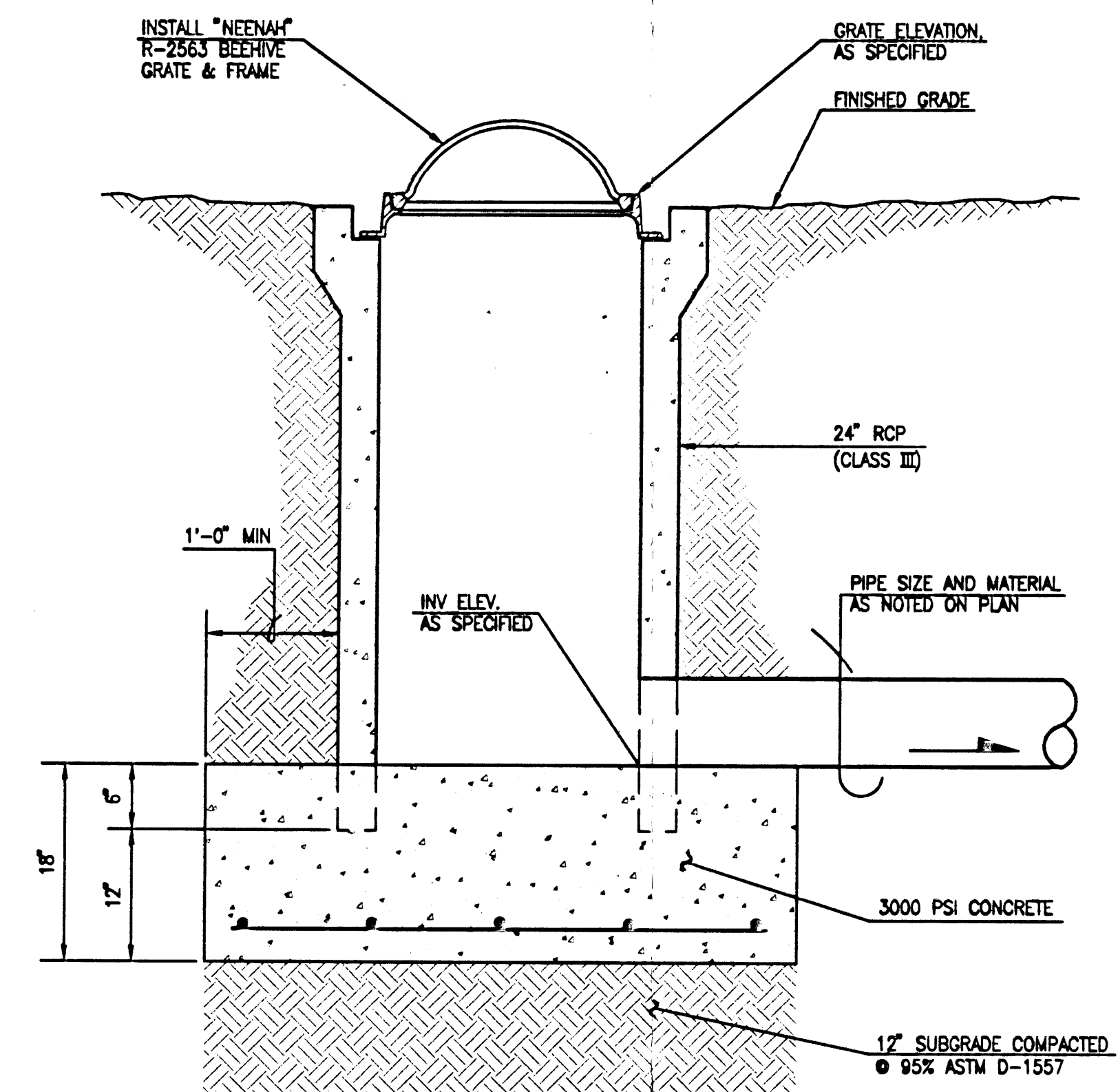
D5 TYPICAL SIDEWALK CULVERT DETAILS
NOT TO SCALE



B1 TYPICAL RIP-RAP APRON SECTION
SCALE: 1" = 1'-0"

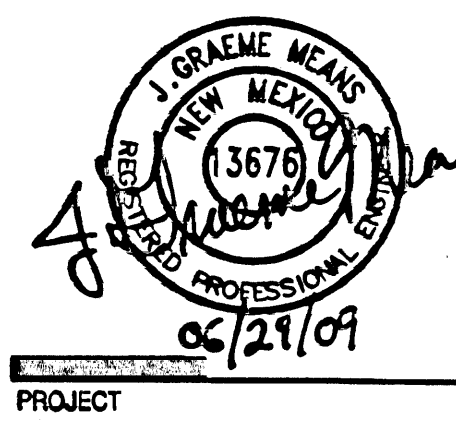


B3 TYPICAL 'D' INLET
NOT TO SCALE



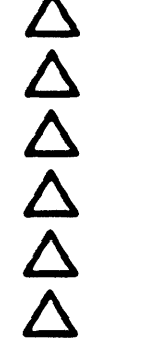
B5 BEEHIVE INLET SECTION
NOT TO SCALE

ENGINEER



NEW TECH
HIGH SCHOOL
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ALBUQUERQUE, NM

REVISIONS



DRAWN BY JLP/BL/DH

REVIEWED BY G.M.

DATE 06-29-2009

PROJECT NO. 08-0041

DRAWING NAME

GRADING AND

DRAINAGE SECTIONS

AND DETAILS

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CG-301

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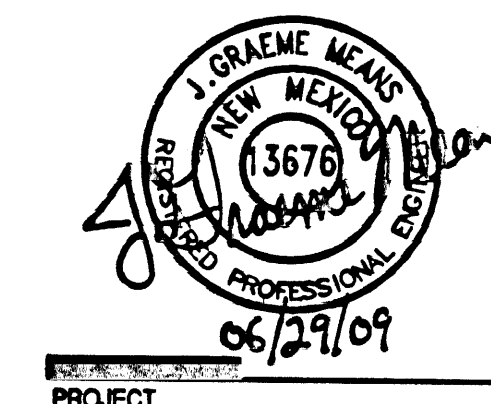
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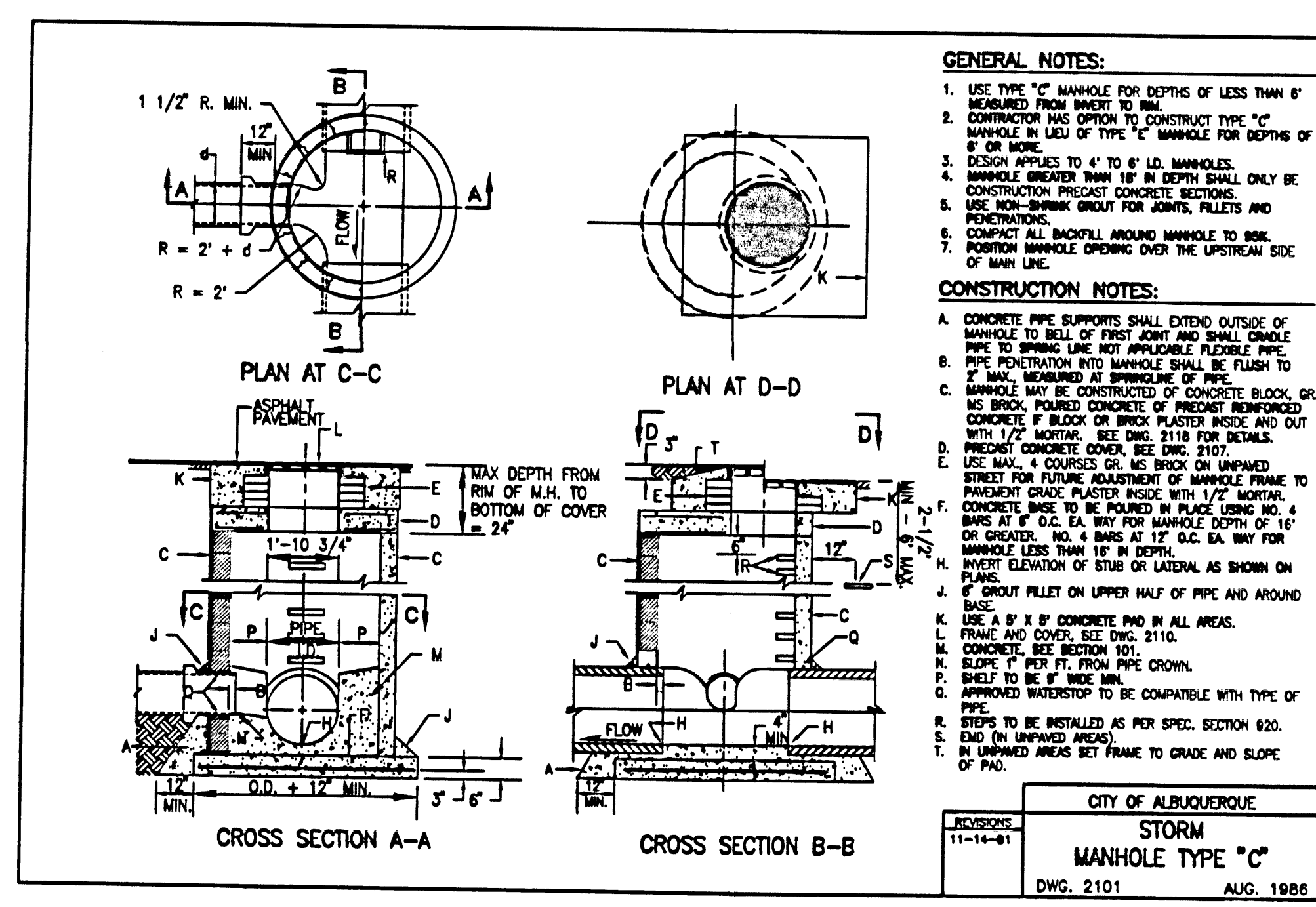
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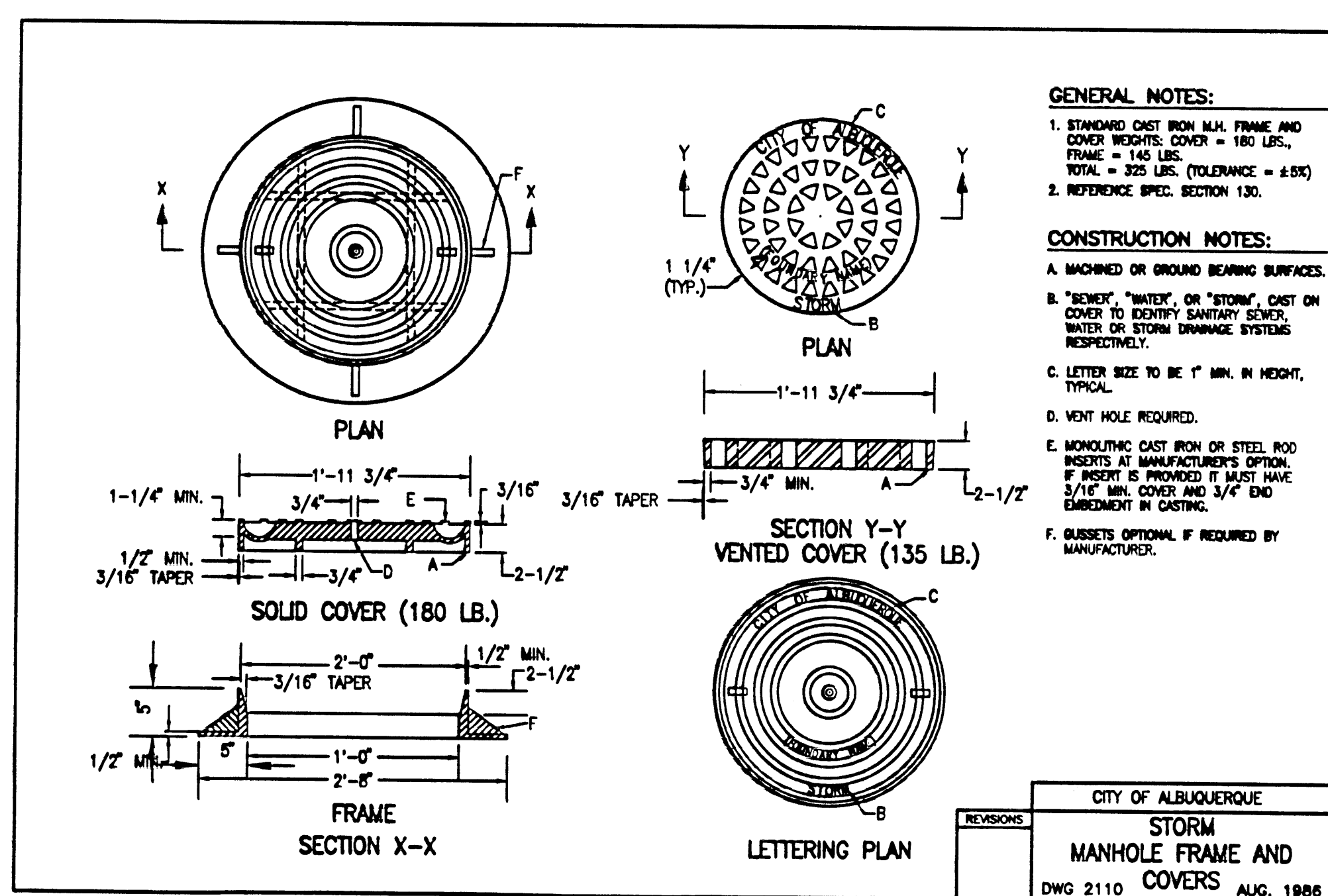
ENGINEER



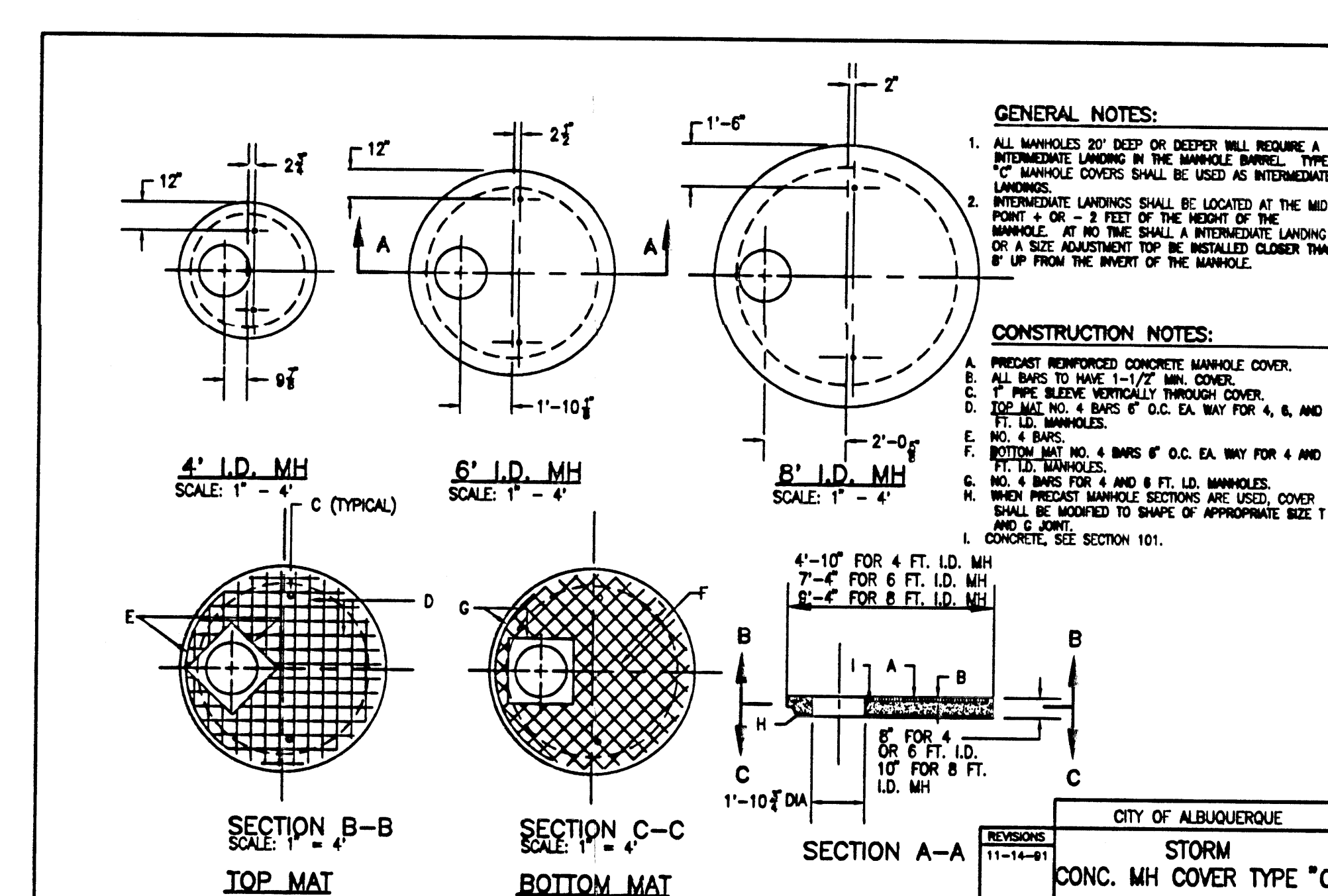
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HIGH SCHOOL**
5325 MONTGOMERY NE
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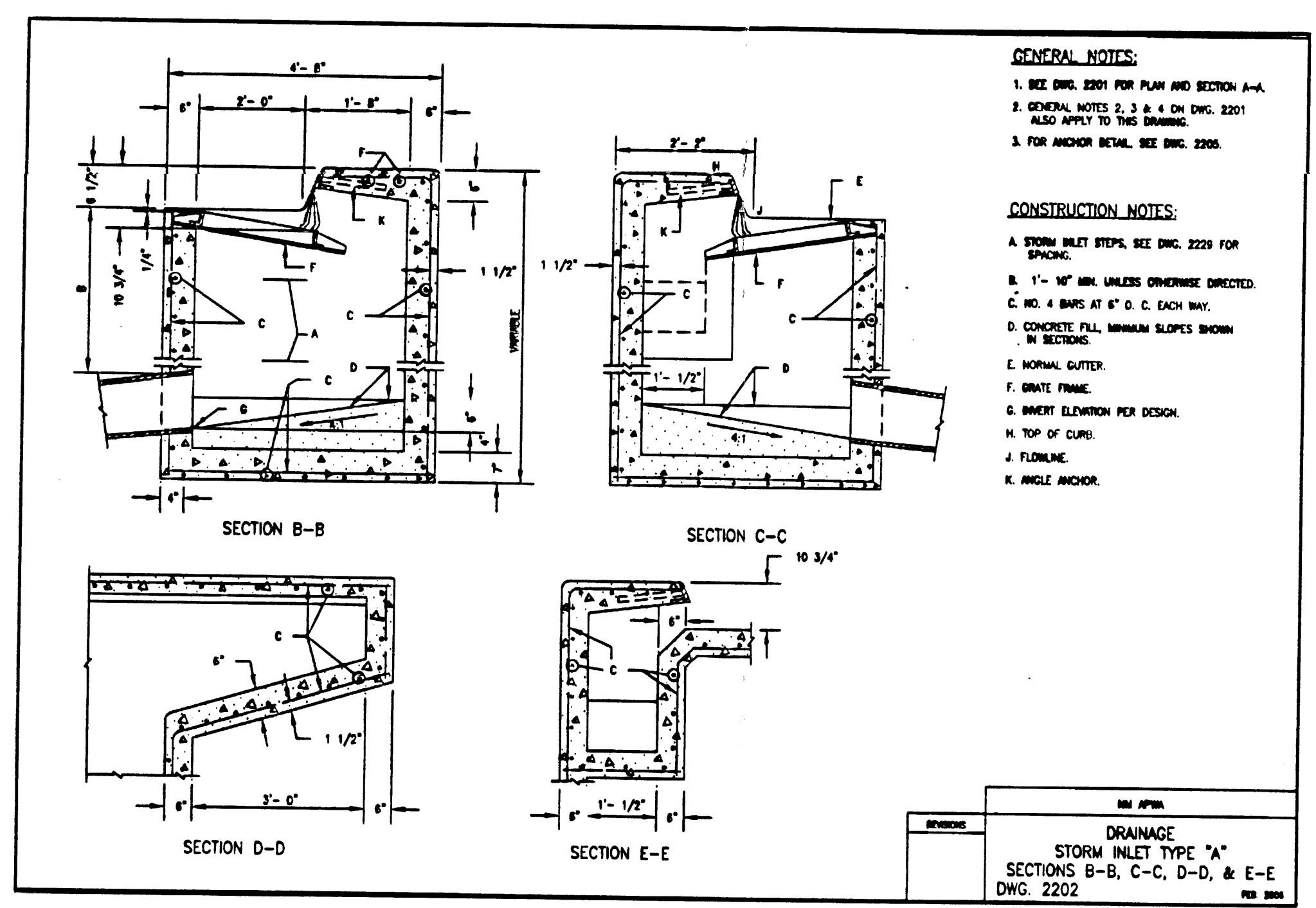
D1 STORM MANHOLE TYPE "C"
NOT TO SCALE



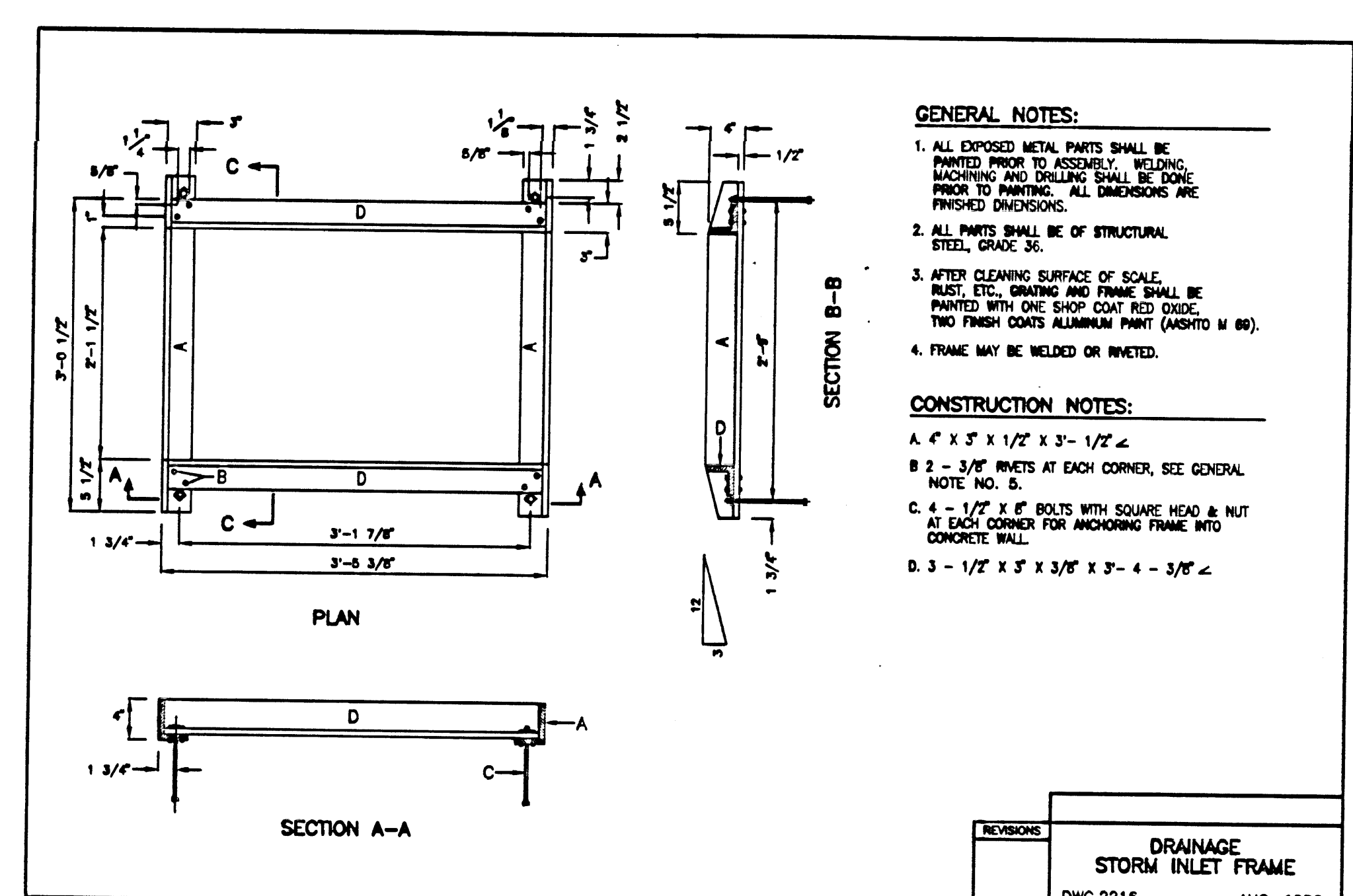
D3 STORM MANHOLE FRAME AND COVERS
NOT TO SCALE



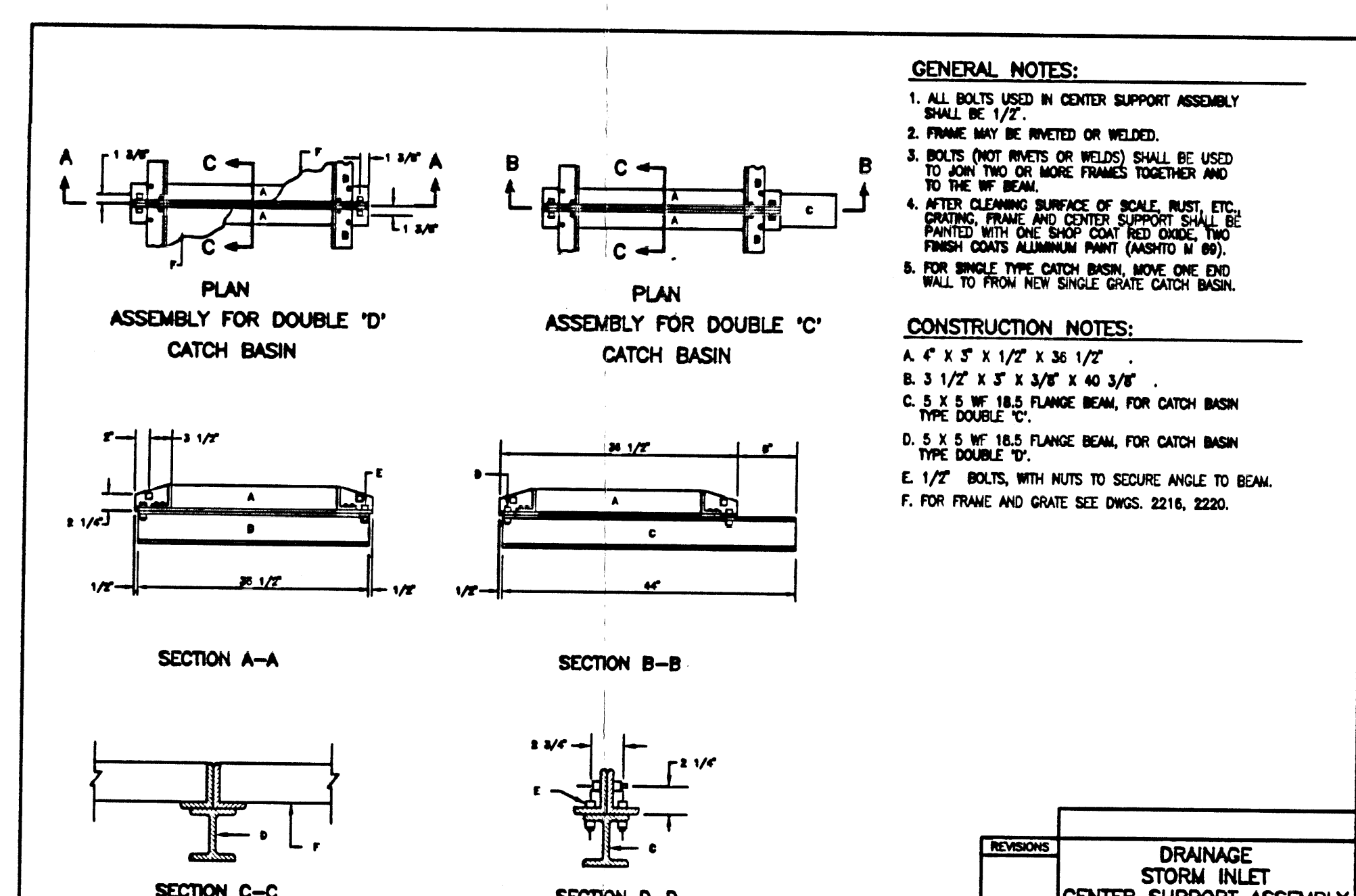
D5 STORM CONCRETE MANHOLE COVER TYPE "C"
NOT TO SCALE



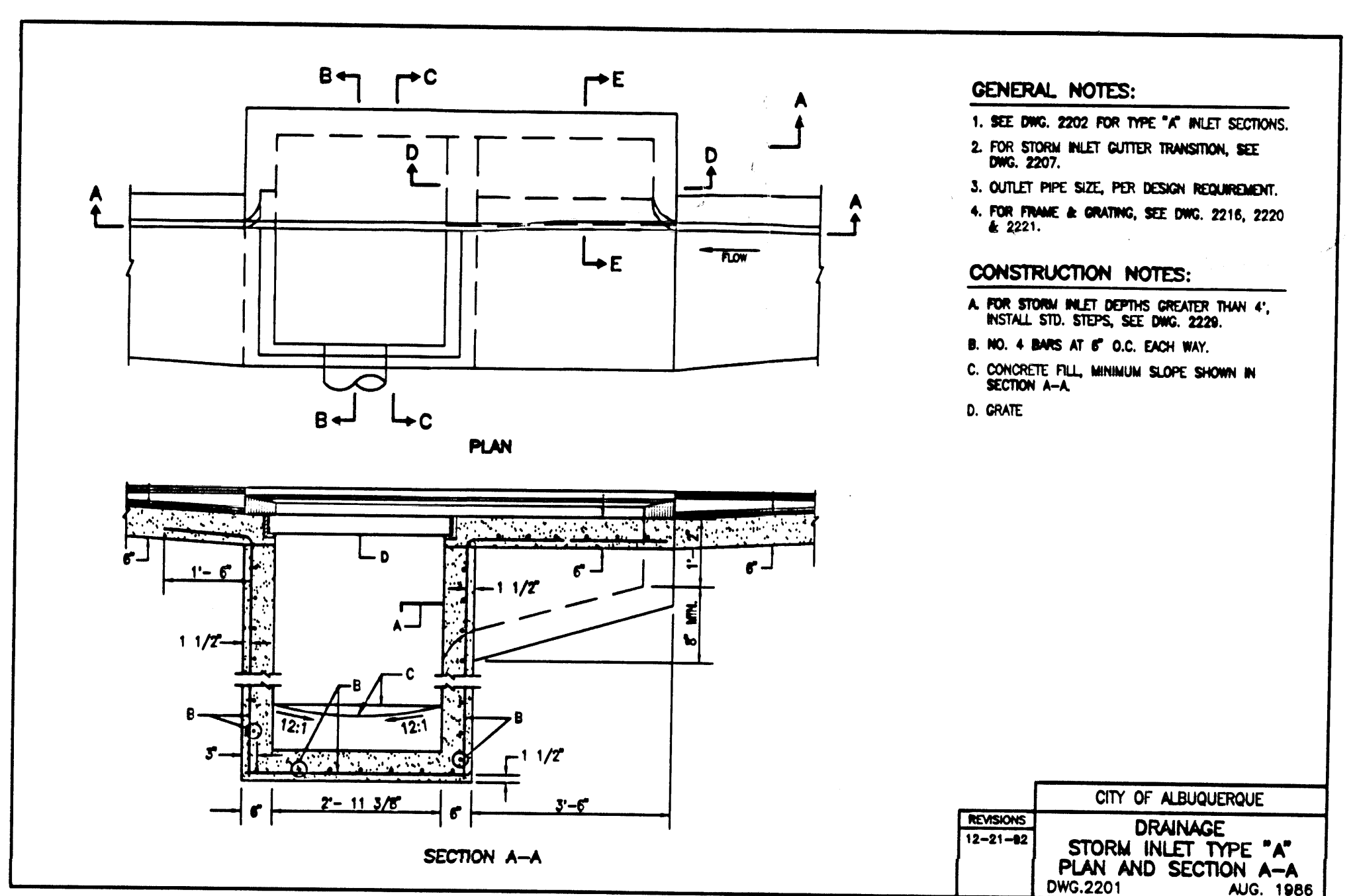
C1 DRAINAGE STORM INLET TYPE "A"
NOT TO SCALE



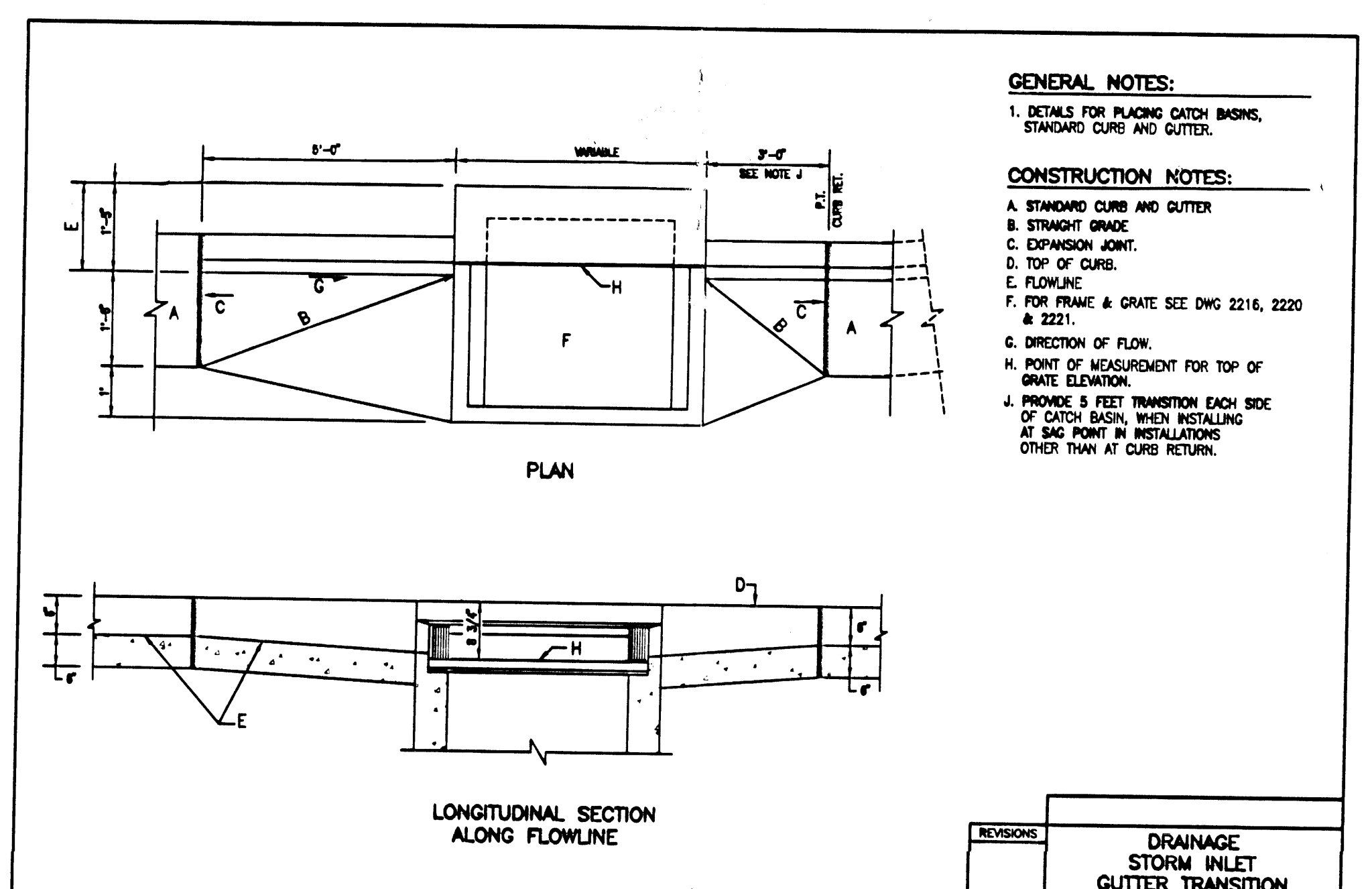
C3 STORM INLET FRAME (FOR TYPES A, C & D)
NOT TO SCALE



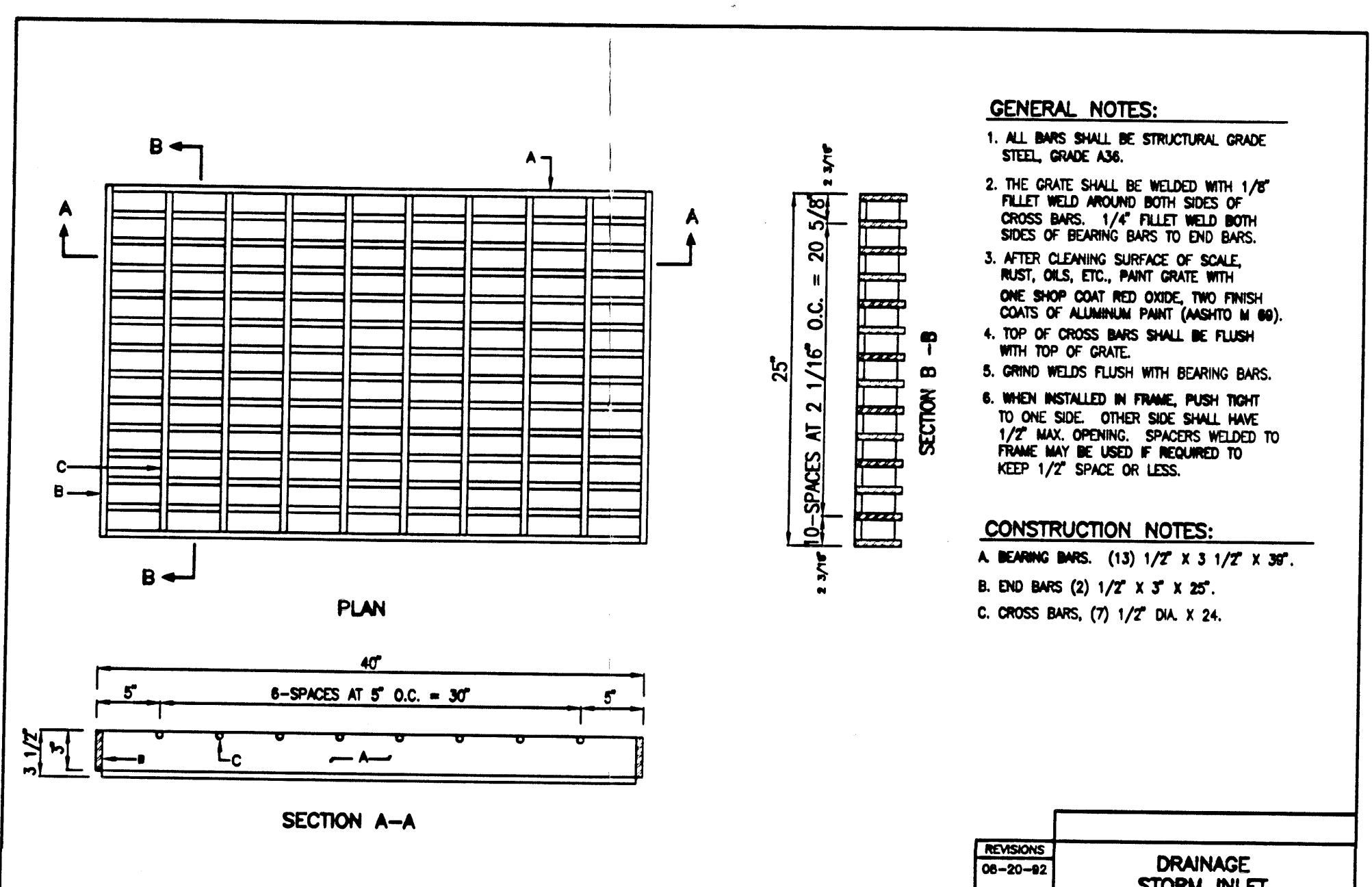
C5 STORM INLET CENTER SUPPORT (FOR TYPES A, C & D)
NOT TO SCALE



A1 DRAINAGE STORM INLET TYPE "A"
NOT TO SCALE



A3 DRAINAGE STORM INLET GUTTER TRANSITION
NOT TO SCALE



A5 STORM INLET GRATE (FOR TYPES A, C & D)
NOT TO SCALE

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CG-302

OF

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM 260-1900 (ALBUQUERQUE AREA), 1-800-321-ALEXITY(2537) (STATEWIDE), FOR LOCATION OF EXISTING UTILITIES AND ABOVE GROUND UTILITY LOCATING CODES 1269-1341 FOR THE LOCATION OF EXISTING PIERCE UTILITY LINES ON AS PROPERTY.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IN WRITING. ANY DELAY RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
3. ALL WORK UNDER THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. ALL WORK DETAILED ON THESE PLANS IS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7, ADDENDUM 1
5. IF ANY UTILITY LINES, PIPELINES, OR EXISTING UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROPRIATE MANNER OR BY ANY OTHER MEANS, BUT WHERE NONE ARE SHOWN, IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE MISLEADING BY THE OWNER. THEREFORE, THE INVESTIGATION THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES. PIPELINE OR UNDERGROUND UTILITY LINE OR ANY OTHER INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE. THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INITIATE THE LOCATION OF ALL EXISTING UTILITY LINES, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ALL EXISTING UTILITY LINES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
6. THE DESIGN OF PLANTERS AND LANDSCAPED AREAS IS NOT PART OF THIS PLAN. ALL PLANTERS AND LANDSCAPED AREAS ADJACENT TO THE PROJECT SHALL BE MAINTAINED WITH EXISTING VEGETATION TO AVOID ANY PONDING ADJACENT TO THE STRUCTURE. FOR CONSTRUCTION DETAILS, REFER TO LANDSCAPING PLAN.
7. CONTRACTOR SHALL CONTACT ENGINEER TO SCHEDULE GRADE FINISH INSPECTION PRIOR TO ANY GRASS SEEDING OR GRASS GRADED FLOAING.
8. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHTS OF WAY. A REPRODUCED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
9. BACKFILL COMPACTION SHALL BE ACCORDING TO
STANDARD SPECIFICATION
10. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.

APPROVALS	NAME	DATE
HYDROLOGY		
SIDEWALK INSPECTOR		
STORM DRAIN MAINTENANCE		

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC HIGHWAY -OR- MAY OR INTO PRIVATE PROPERTY.
2. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC HIGHWAY -OR- SOY THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
3. WHEN APPLICABLE, CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY AND/OR FILE A NOTICE OF INTENT (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION.
4. UNLESS FINAL STABILIZATION IS OTHERWISE PROVIDED FOR, ANY EXCESS SOIL, EXCESS GRASS SEED, EXCESS MULCH, STORAGE VYAL, EXCAVATED MATERIAL, ETC.) SHALL BE RE-SEEDD ACCORDING TO C.O.A. SPECIFICATION 1021 "NATIVE GRASS SEEDING". THIS SHALL BE CONSIDERED INDENTICAL TO CONSTRUCTION, THEREFORE, NO SPECIAL PERMIT IS REQUIRED.

1. ALL WORK ON THE CHANNEL LINING SHALL BE COMPLETED BETWEEN OCTOBER 15 AND MAY 15, WITH COMPLETE PROTECTION FROM INFILTRATION OF WATER TO THE SUBGRADE.
2. COMPLETE ARMORING OF THE CHANNEL SHALL BE IN PLACE BETWEEN MAY 15 AND OCTOBER 15. CONTRACTOR SHALL BE ALLOWED TO WORK WITHIN THE CHANNEL AT HIS OWN RISK, BUT SHALL NOT EXPOSE CHANNEL SUBGRADE DURING THIS TIME.
3. ALL EXPOSED CHANNEL SUBGRADE SHALL BE PROTECTED WITH TEMPORARY BACKFILL AND PLASTIC TO PREVENT STANDING WATER AND INFILTRATION INTO THE EXPOSED SUBGRADE PRIOR TO REPLACEMENT OF CHANNEL LINING.
4. THE PIPE PENETRATION DETAIL HEREIN SHALL BE PAID FOR LUMP SUM AND SHALL BE COMPENSATION FOR ALL WORK REQUIRED TO COMPLETE THE PIPE PENETRATION INCLUDING BUT NOT LIMITED TO IS GRADING, SUBGRADE PREPARATION, REINFORCED CONCRETE SLOPE, PAVEMENT, REINFORCING, CONSTRUCTION JOINTS, CONCRETE PLACEMENT AND CURING.
5. SEE CONCRETE SLOPE PAVING REPLACEMENT DETAILS FOR NEW TO EXISTING CONSTRUCTION JOINT DETAILS
6. PLACE ALL FILL @ 95% MODIFIED PROCTOR DENSITY.
7. SPECIAL AS SHOWN IN PLAN SHALL BE 1.5' x CHANNEL DEPTH LESS UNIFORM PROVISIONS FOR A LESSER DEPTH ARE MADE.
8. ALL 18" PIPE RADIUS FOR THE CHANNEL LINING OR WITHIN CITY RIGHT-OF-WAY SHALL BE RCP CLASS N. —
9. CONCRETE WITHIN CITY RIGHT-OF-WAY SHALL BE 4,000 PSI

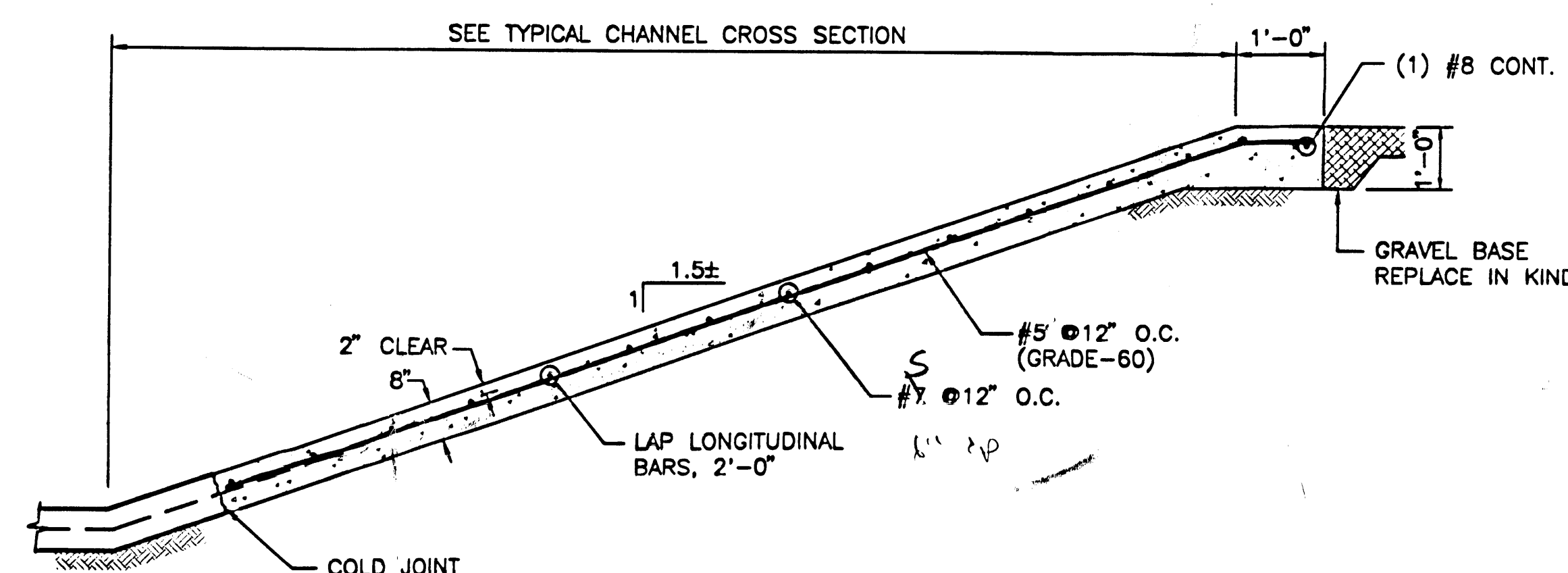
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SHEET NO. CG-303

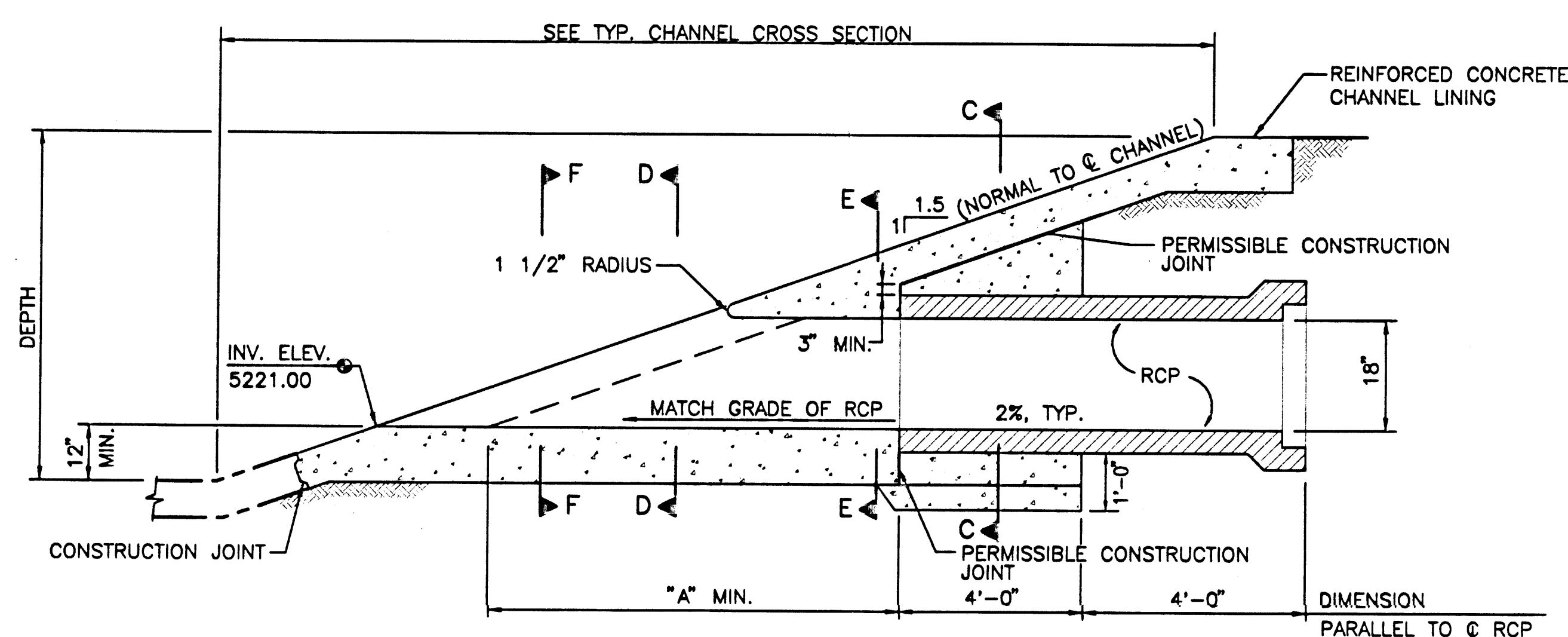
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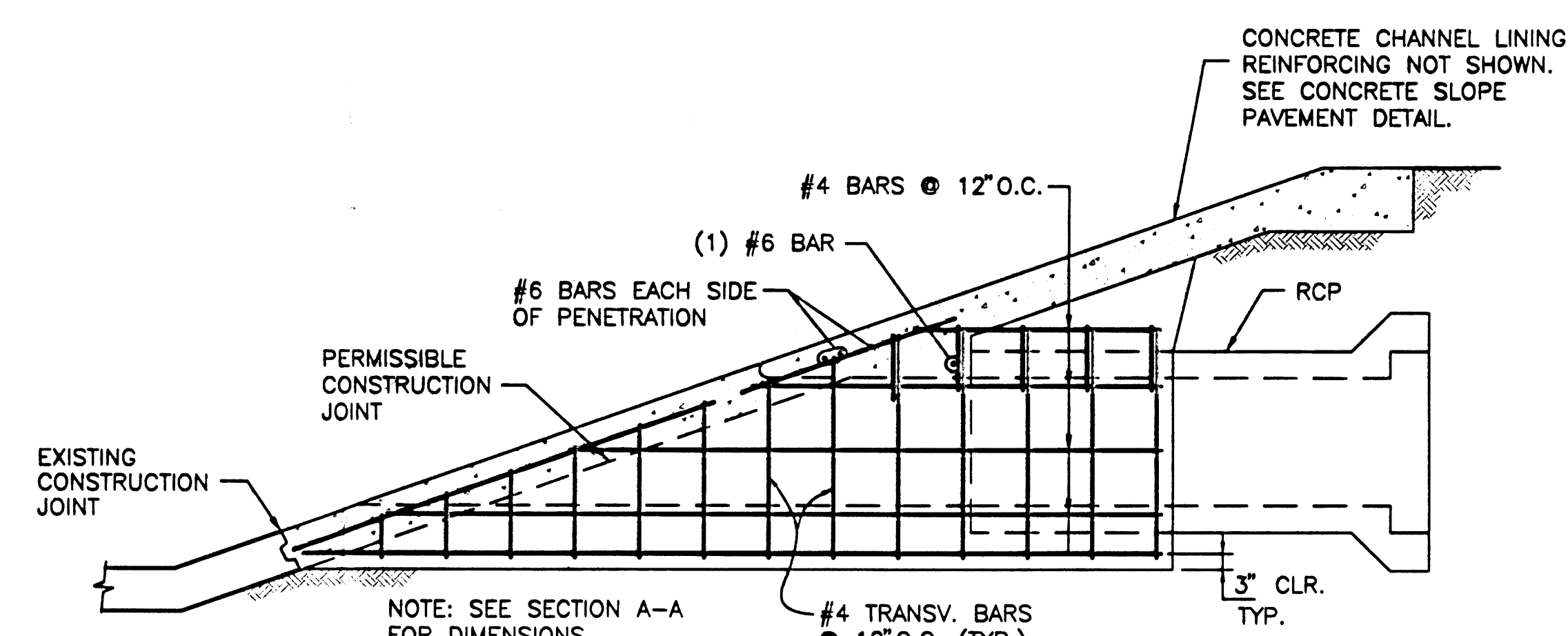
DIMENSION "A" FOR 2:1 SIDE SLOPE								
SKEW ANGLE (DEGREES)	PIPE HEIGHT (INCHES)							
	24	30	36	42	48	54	60	72
0-10	5'-9"	6'-9"	7'-10"	8'-10"	9'-10"	10'-10"	11'-11"	13'-11"
>10-20	5'-11"	7'-0"	8'-1"	9'-2"	10'-3"	11'-3"	12'-4"	14'-6"
>20-30	6'-4"	7'-6"	8'-7"	9'-9"	10'-11"	12'-1"	13'-3"	15'-7"
>30-45	7'-4"	8'-9"	10'-2"	11'-7"	13'-0"	14'-5"	15'-10"	18'-0"



D4 CONCRETE SLOPE PAVEMENT
NOT TO SCALE

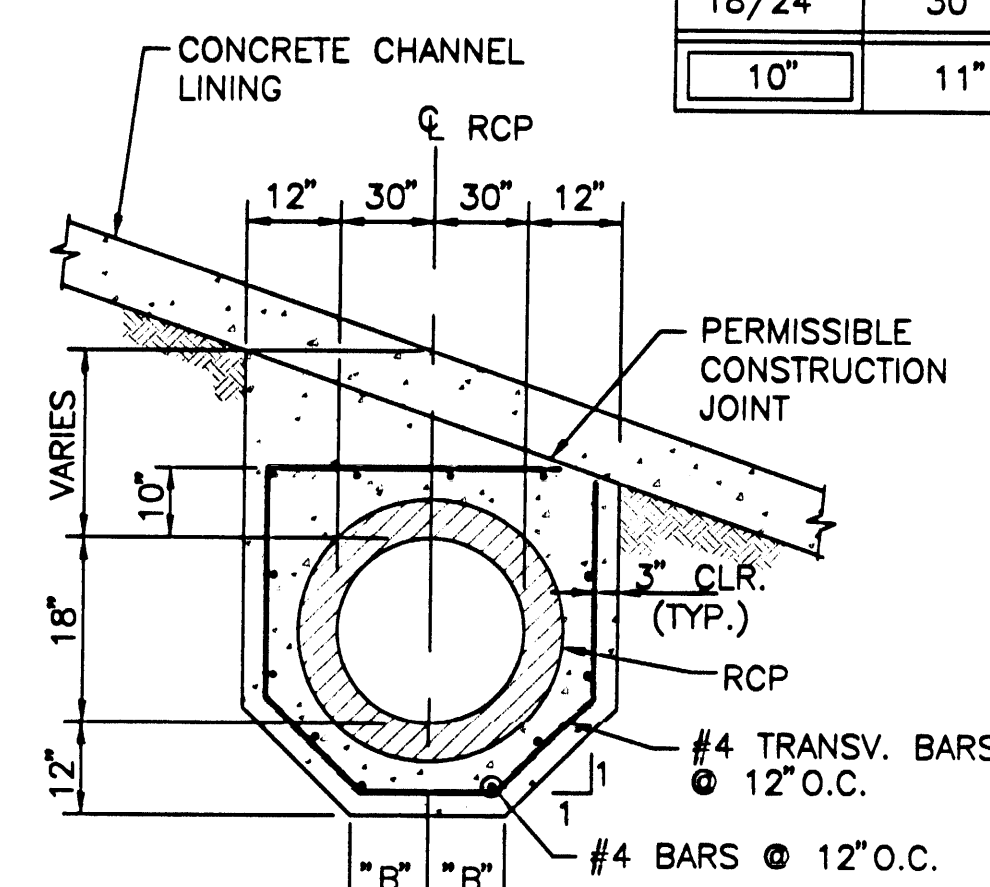


(B1) SECTION A-A
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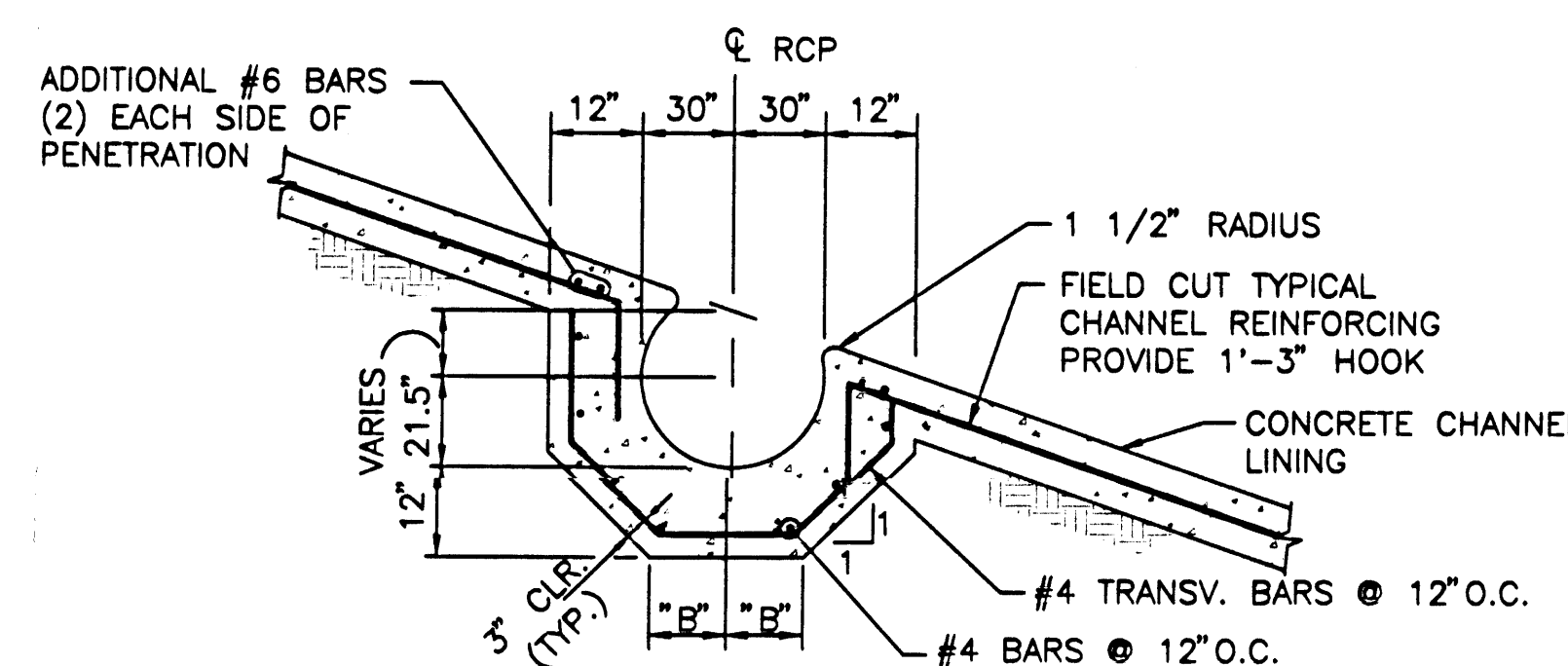


(B4) SECTION B-B
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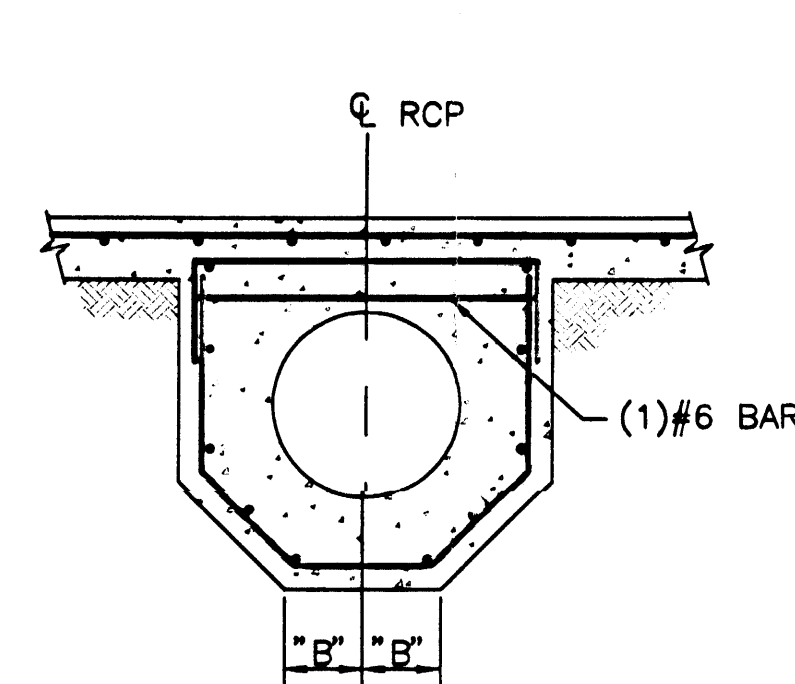
DIMENSION "B"							
PIPE WIDTH (INCHES)							
18/24	30	36	42	48	54	60	72
10"	11"	1'-1"	1'-2"	1'-3"	1'-4"	1'-6"	1'-8"



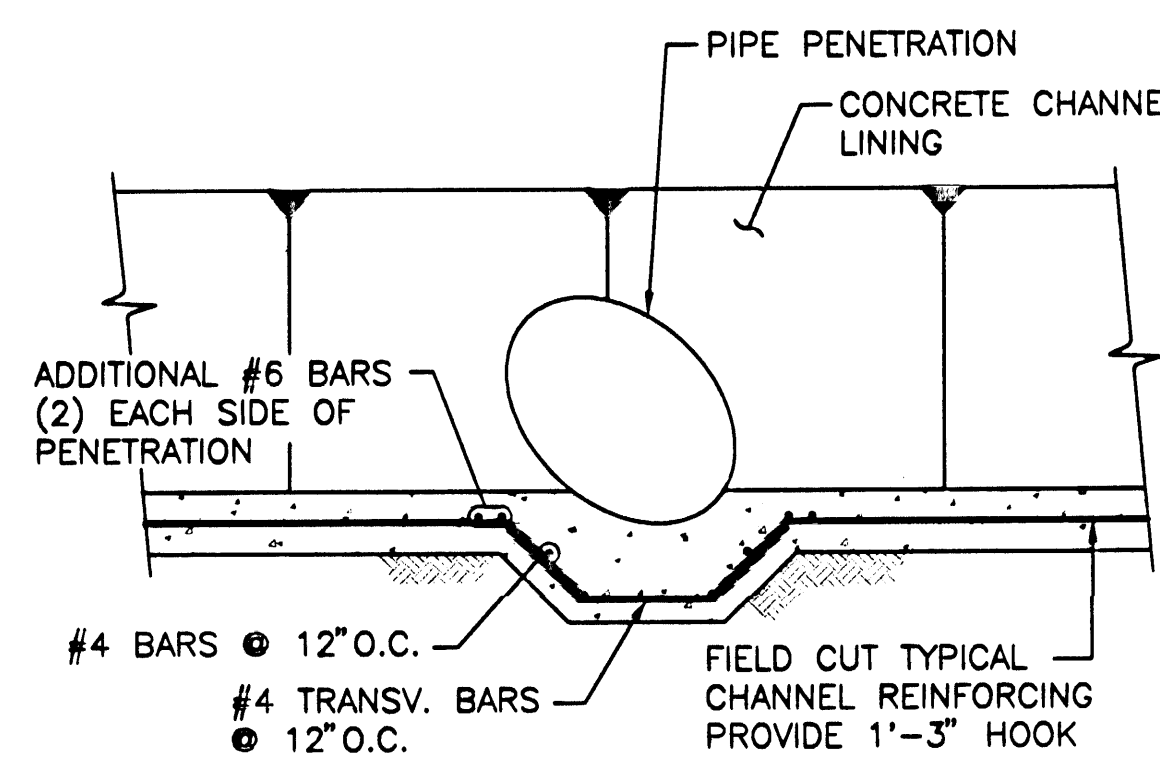
A1 SECTION C-C
NOT TO SCALE



SECTION D-D



(A3) SECTION E-E



A4 SECTION F-F
NOT TO SCALE

Safe passage of
10 yr storm
July, August, September

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