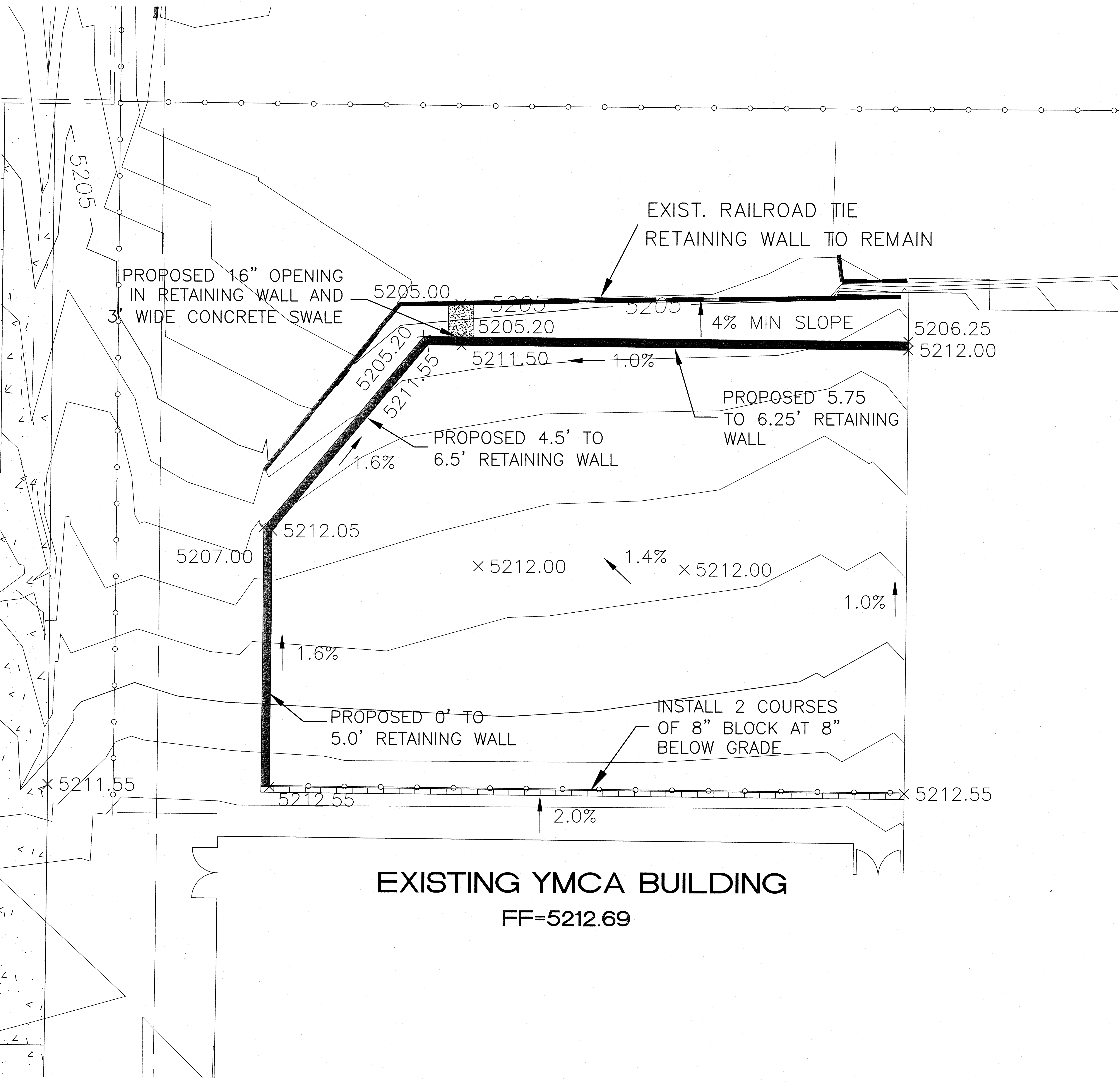




GENERAL CONTRACTOR

STAR
CONSTRUCTION, INC.

ARCHITECT

Dekker Perich Sabatini
7801 Jefferson NE
Suite 100
Albuquerque, NM 87109
505 761-9700
fax 761-4222
dps@dpsobq.com

VICINITY MAP: H-17-Z

FORM MAP: 32001C0352E

LEGEND

- EXISTING CURB & GUTTER
- BOUNDARY LINE
- EXISTING BOUNDARY LINE
- PROPOSED BUILDING
- EXISTING SIDEWALK
- PROPOSED SPOT ELEVATION
- TOP OF CURB/CONCRETE ELEVATION
- EXISTING SPOT ELEVATION
- EXISTING INDEX CONTOUR
- EXISTING CONTOUR
- EXISTING FENCE
- PROPOSED FENCE
- EXISTING RETAINING WALL
- PROPOSED RETAINING WALL
- PROPOSED CONCRETE BLOCK

PROJECT

ISSUED FOR BUILDING PERMIT

NOTE

ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE INDICATED IN PLANS.

GRAPHIC SCALE

(IN FEET)

1 inch = 5 ft.

RECEIVED

DEC 27 2007

HYDROLOGY SECTION

REVISIONS

△	
△	
△	
△	
△	

DRAWN BY

REVIEWED BY

DATE

PROJECT NO.

DRAWING NAME

ENGINEER'S SEAL

H. B. HORN YMCA
INDIAN SCHOOL ROAD

GRADING AND DRAINAGE
PLAN - PLAYGROUND

TERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

DRAWN BY

MO

DATE

12-19-07

SHEET #

JOB #

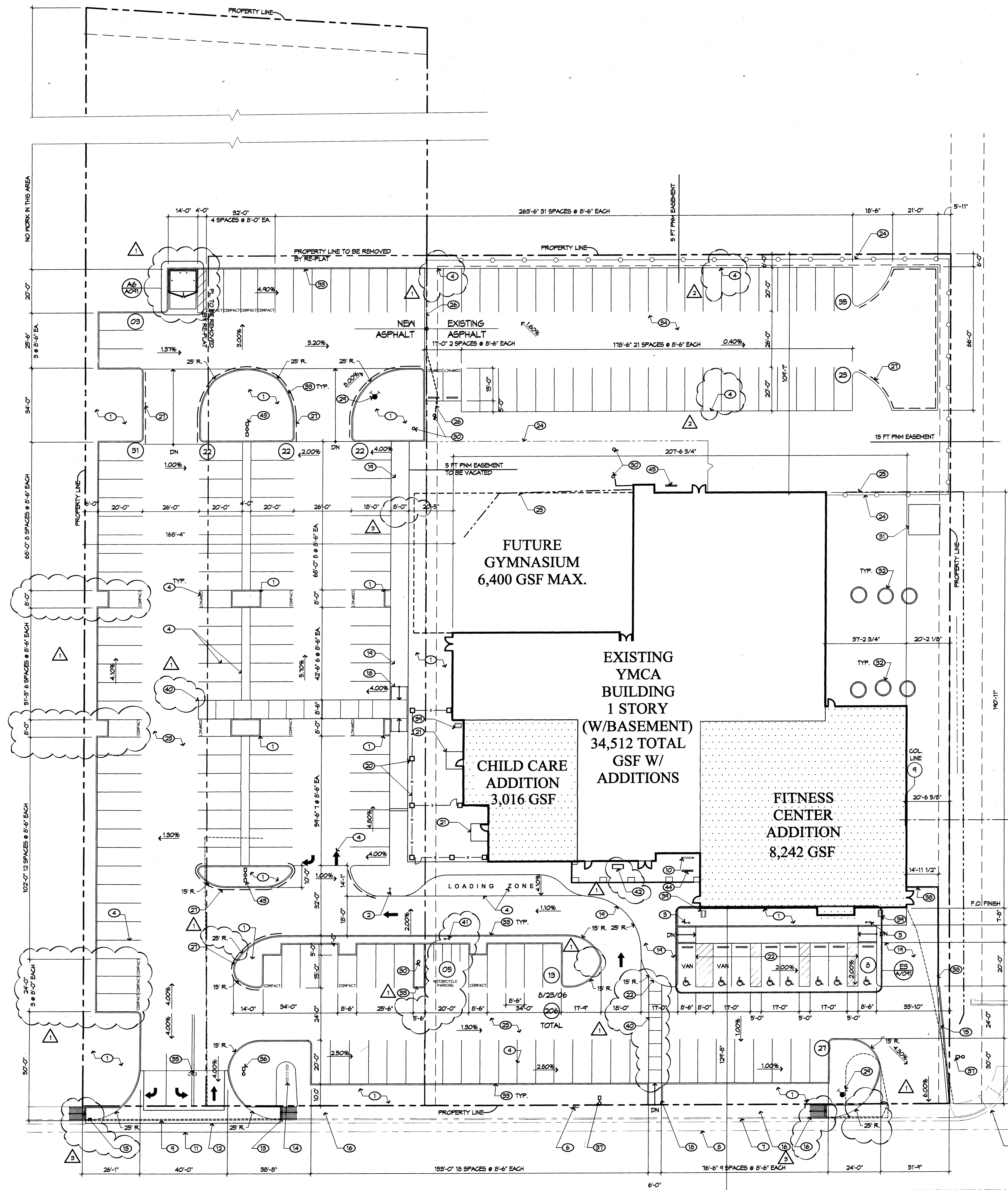
26025

SHEET NO.

C001

OF

H.B. & Lucille Horn YMCA
Toilet Room Remodel & Playground Addition
4901 Indian School Road
Albuquerque, New Mexico 87110



INDIAN SCHOOL ROAD
86'-0" R.O.M.

SITE PLAN

GENERAL NOTES

- CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS, AND NOTIFY GENERAL CONTRACTOR IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING SITE OR BUILDING CONDITIONS.
- REMOVE ALL EXISTING SITE FEATURES, ASPHALT, CONCRETE, AND LANDSCAPING REQUIRED TO COMPLETE THE WORK SHOWN ON THESE DRAWINGS.

KEYED NOTES

- AREA FOR LANDSCAPING, RE. L001
- POLE MOUNTED SIGNAGE: ONE WAY DO NOT ENTER, RE. B4/A011
- POLE MOUNTED SIGNAGE: ACCESSIBLE PARKING, RE. B6/A011
- STRIPING/LETTERS, PAINTED, COLOR: WHITE
- EXISTING WHEEL CHAIR RAMP TO REMAIN
- EXISTING BUS STOP TO REMAIN
- EXISTING CURB AND GUTTER TO REMAIN
- EXISTING BICYCLE LANE STRIPING TO REMAIN
- REMOVE EXISTING CONCRETE CURB
- BICYCLE RACK, PARKING FOR 8 BICYCLES, RE. C2/A011
- RE-STRIPED BICYCLE LANE
- CONCRETE APRON, CITY OF ALBUQUERQUE STANDARD DETAIL #2420
- WHEEL CHAIR RAMP, 1:12 SLOPE, TRUCATED DOMES, AND 50:1 LANDING BOTH ENDS
- EXISTING SIGNAGE TO REMAIN, RE. B6/A011
- NEW CURB AND GUTTER
- EXISTING CONCRETE SIDEWALK TO REMAIN
- NOT USED
- WHEEL CHAIR RAMP, RE. A4/A011
- CONCRETE SIDEWALK, RE. A1/A011 & CITY OF ALBU. STANDARD DETAIL #2420
- WROUGHT IRON FENCING, WITH FILASTERS TO MATCH EXISTING FILASTERS AND WROUGHT IRON FENCING
- CONCRETE SLAB
- CONCRETE IN THIS AREA FLUSH W/ TOP OF CONCRETE
- ASPHALT TO PAVEMENT, RE. C001
- EXISTING FENCE TO REMAIN
- EXISTING RETAINING WALL TO REMAIN
- REMOVE EXISTING RETAINING WALL
- PAINT CURB OR PAVING IN RED WITH WHITE LETTERS: FIRE LANE NO PARKING
- EXISTING FIRE HYDRANT
- FIRE HYDRANT, RE. C001
- EXISTING POWER POLE TO REMAIN
- EXISTING 5" VENTURE TO REMAIN
- EXISTING CONCRETE TREE WELL TO REMAIN
- CONCRETE CURB, RE. C001
- EXIST. ASPHALT PAVING, REPAIR CRACKS PRIOR TO RE-STRIPING, REMOVE EXIST. BASKETBALL GOALS AS REQUIRED FOR PARKING STALLS, AISLES & STRIPING
- REMOVE AND RELOCATE EXISTING POLE AND LIGHTING
- RELOCATED POLE MOUNTED LIGHTING, LOW PRESSURE SODIUM FLOOD
- EXISTING POLE MOUNTED LIGHTING, TO REMAIN
- GUARDRAIL, 1-1/2" DIA. PAINTED STEEL PIPE, T.O. RAIL @ 42" ABOVE CONCRETE.
- PRE-CAST CONCRETE SPASH-BLOCK
- CROSSWALK, INTEGRALLY COLORED CONCRETE
- POLE MOUNTED SIGNAGE: "MOTORCYCLE PARKING", RE. B3/A011
- BENCH, RE. D1/A011
- POLE MOUNTED LIGHT FIXTURE, COLOR WHITE, RE. C1/A011 & E100
- RELOCATE EXISTING BIKE RACK, FOR 8 BIKES
- RELOCATED EXISTING BIKE RACK, FOR 8 BIKES

SITE ANALYSIS

SITE AREA: 4.10 ACRES

PARKING ANALYSIS:

604 OCCUPANTS/9 (EXERCISE CLUBS)
= 2013 SPACES
+ 8 SPACES FOR DAY CARE FACILITY

2013 X 0.90 TRANSIT DISCOUNT
= 184 SPACES REQUIRED

126 SPACES PROVIDED
(OF WHICH (8) ARE ACCESSIBLE WITH (2) BEING VAN ACCESSIBLE)

5 MOTORCYCLES SPACES PROVIDED
210/20 BICYCLE SPACES = 11 SPACES REQUIRED
16 BICYCLE PARKING SPACES PROVIDED

SIGNATURE BLOCK

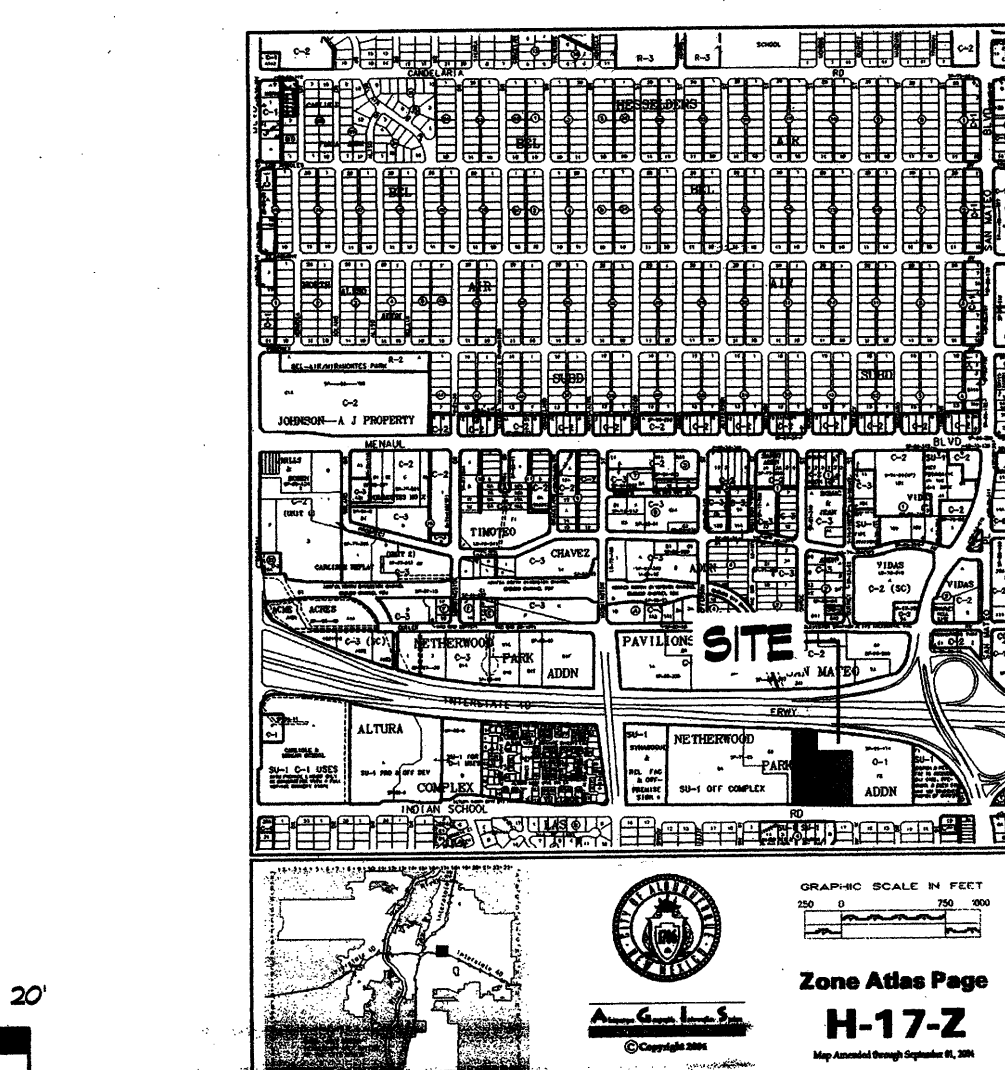
EPC PROJECT NUMBER: 1005000

EPC CASE NUMBER: 06-00961, 06-00968
ORR 06-01360

INFRASTRUCTURE LIST REQUIRED? () YES (X) NO IF YES, THEN A SET OF APPROVED DRG PLANS WITH A WORK ORDER IS REQUIRED FOR ANY CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY OR FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS.

DRB SITE DEVELOPMENT PLAN APPROVAL:

TRAFFIC ENGINEER, TRANSPORTATION DIVISION	DATE
<i>Ryan H.</i>	10/11/06
UTILITIES DIVISION	DATE
<i>Christine D.</i>	10/11/06
PARKS AND RECREATION DEPARTMENT	DATE
<i>Bradley S. B.</i>	10/11/06
CITY ENGINEER	DATE
<i>Michael H.</i>	8/24/06
SOLIDWASTE MANAGEMENT	DATE
<i>Ematon</i>	10/18/06
DRB CHAIRPERSON, PLANNING DEPARTMENT	DATE



H.B. & Lucille Horn YMCA
Additions and Remodel
4901 Indian School Road
Albuquerque, New Mexico 87110

PLANS CHECKING OFFICE
924-3811
APPROVED/DISAPPROVED
HYDRANT(S) ONLY
R. H. H. 7-3-06

SIGNATURE & DATE

REVISIONS
08/11/06 EPC CONDITIONS OF APPROVAL
08/11/06 DESIGN MODIFICATION
10/11/06 DRB CONDITIONS OF APPROVAL

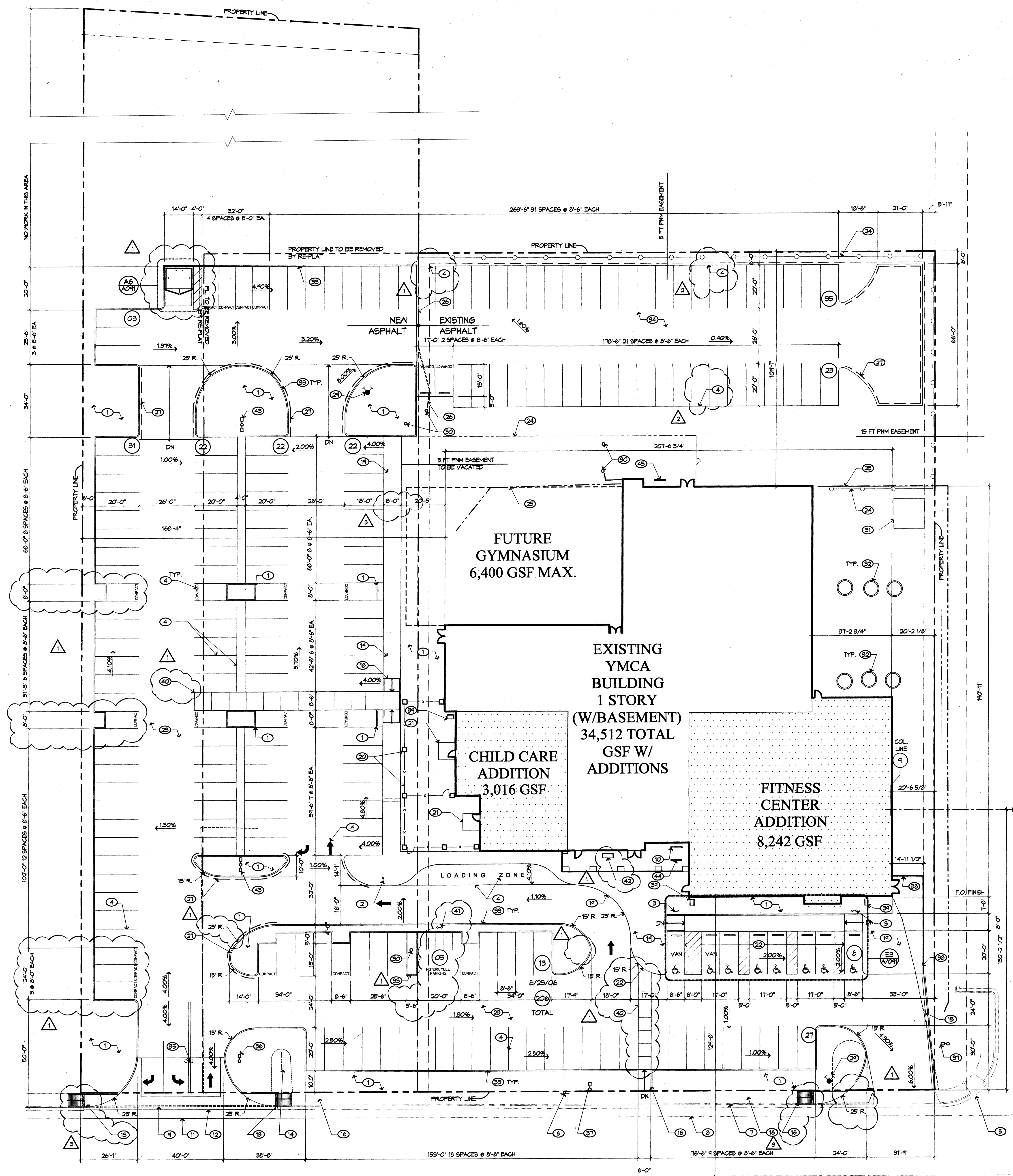
DRAWN BY: DFB
REVIEWED BY: DFB
DATE: 08/04/06
PROJECT NO: 06048
DRAWING NAME:

SITE DEVELOPMENT
PLAN FOR
BUILDING PERMIT
(SITE PLAN)

HYDROLOGY SECTION

SHEET NO.

A001
1 of 7



INDIAN SCHOOL ROAD
86'-0" R.O.M.

SITE PLAN

GENERAL NOTES

- CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS, AND NOTIFY GENERAL CONTRACTOR IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING SITE OR BUILDING CONDITIONS.
- REMOVE ALL EXISTING SITE FEATURES, ASPHALT, CONCRETE, AND LANDSCAPING REQUIRED TO COMPLETE THE WORK SHOWN ON THESE DRAWINGS.

KEYED NOTES

- AREA FOR LANDSCAPING, RE. L001
- POLE MOUNTED SIGNAGE, "ONE WAY DO NOT ENTER", RE. B4/A01
- POLE MOUNTED SIGNAGE, ACCESSIBLE PARKING, RE. B6/A01
- STRIPING/LETTERS, PAINTED, COLOR: WHITE
- EXISTING WHEEL CHAIR RAMP TO REMAIN
- EXISTING BUS STOP TO REMAIN
- EXISTING CURB AND GUTTER TO REMAIN
- EXISTING BIODEGRADABLE STRIPING TO REMAIN
- REMOVE EXISTING CONCRETE CURB
- BIODEGRADABLE STRIPING, RE. C2/A01
- RE-STRIPING BIODEGRADABLE STRIPING
- CONCRETE APRON, CITY OF ALBUQUERQUE STANDARD DETAIL 12420
- WHEEL CHAIR RAMP, 1:1 SLOPE, TRUNCATED DOMES, AND 50:1 LANDING BOTH ENDS
- EXISTING SIGNAGE TO REMAIN, RE. E6/A01
- NEW CURB AND GUTTER
- EXISTING CONCRETE SIDEWALK TO REMAIN
- NOT USED
- WHEEL CHAIR RAMP, RE. A4/A01
- CONCRETE SIDEWALK, RE. A1/A01 & CITY OF ALBU. STANDARD DETAIL 12420
- WROUGHT IRON FENCING, WITH FILASTERS TO MATCH EXISTING FILASTERS AND WROUGHT IRON FENCING
- CONCRETE SLAB
- CONCRETE IN THIS AREA FLUSH W/ TOP OF CONCRETE
- ASPHALTIC PAVEMENT, RE. C001
- EXISTING FENCE TO REMAIN
- EXISTING RETAINING WALL TO REMAIN
- REMOVE EXISTING RETAINING WALL
- PANT CURB OR PAVING IN RED WITH WHITE LETTERS: FIRE LANE NO PARKING
- EXISTING FIRE HYDRANT
- FIRE HYDRANT, RE. C001
- EXISTING POWER POLE TO REMAIN
- EXISTING STRUCTURE TO REMAIN
- EXISTING CONCRETE TREE WELL TO REMAIN
- CONCRETE CURB, RE. C001
- EXIST. ASPHALT PAVING, REPAIR CRACKS PRIOR TO RE-STRIPING, REMOVE EXIST. BASKETBALL GOALS AS REQUIRED FOR PARKING STALLS, ASLES & STRIPING
- REMOVE AND RELOCATE EXISTING POLE AND LIGHTING
- RELOCATED POLE MOUNTED LIGHTING, LOW PRESSURE SODIUM FLOOD
- EXISTING POLE MOUNTED LIGHTING TO REMAIN
- GUARDRAIL, 1-1/2" DIA. PAINTED STEEL PIPE, T.O. RAIL @ 42" ABOVE CONCRETE
- PRE-CAST CONCRETE SPALH BLOCK
- CROSSWALK, INTEGRALLY COLORED CONCRETE
- POLE MOUNTED SIGNAGE: "MOTORCYCLE PARKING", RE. B3/A01
- BENCH, RE. D1/A01
- POLE MOUNTED LIGHT FIXTURE, COLOR: WHITE, RE. C1/A01 & E100
- RELOCATE EXISTING BIKE RACK, FOR 8 BIKES
- RELOCATE EXISTING BIKE RACK, FOR 8 BIKES

SITE ANALYSIS

SITE AREA: 4.10 ACRES

PARKING ANALYSIS

604 OCCUPANTS/3 (EXERCISE CLUBS)
= 2013 SPACES
+ 8 SPACES FOR DAY CARE FACILITY

2013 X 0.90 TRANSIT DISCOUNT
= 1812 SPACES REQUIRED

306 SPACES PROVIDED
OF WHICH (8) ARE ACCESSIBLE WITH (2) BEING VAN ACCESSIBLE

5 MOTORCYCLES SPACES PROVIDED

210/20 BICYCLE SPACES = 11 SPACES REQUIRED
16 BICYCLE PARKING SPACES PROVIDED

SIGNATURE BLOCK

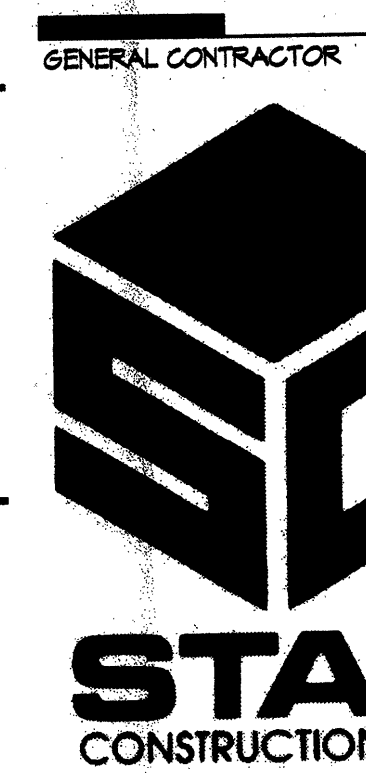
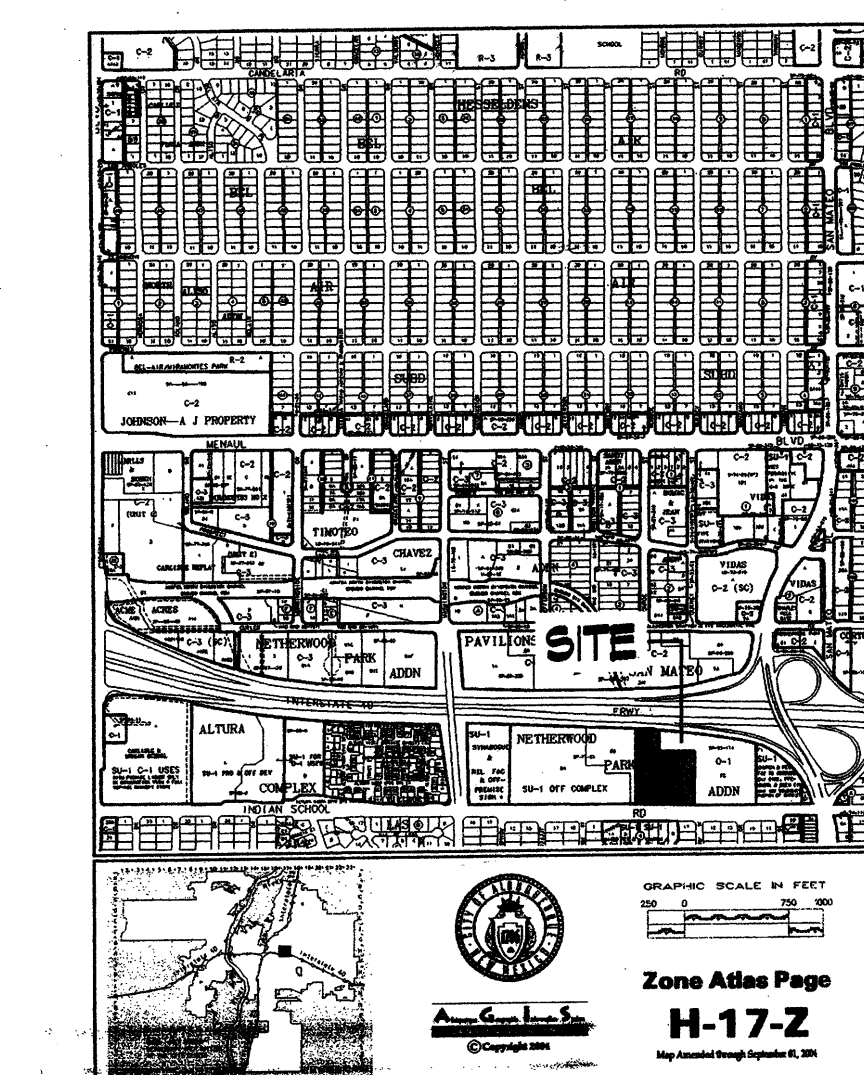
EPC PROJECT NUMBER: 1005000

EPC CASE NUMBER: 06-00461, 06-00468
ORB 06-01360

INFRASTRUCTURE LIST REQUIRED? () YES (X) NO IF YES, THEN A SET OF APPROVED DRG PLANS WITH A WORK ORDER IS REQUIRED FOR ANY CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY OR FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS.

DRS SITE DEVELOPMENT PLAN APPROVAL:

TRAFFIC ENGINEER, TRANSPORTATION DIVISION	DATE
<i>Robert Green</i>	10/11/06
UTILITIES DIVISION	DATE
<i>Christine Sandoval</i>	10/11/06
PARKS AND RECREATION DEPARTMENT	DATE
<i>Bradley S. Biffr</i>	10/11/06
CITY ENGINEER	DATE
<i>Michael H. Hoken</i>	8/24/06
SOLID WASTE MANAGEMENT	DATE
<i>Emmanuel</i>	10/18/06
DRS CHAIRPERSON, PLANNING DEPARTMENT	DATE



ARCHITECT
interiors
planning
engineering

Dekker
Perich
Sabatini

7601 Jefferson NE
Suite 100
Albuquerque, NM 87109
505 761-9700
fax 761-4222
dps@dpsabq.com

H.B. & Lucille Horn YMCA
Additions and Remodel
4901 Indian School Road
Albuquerque, New Mexico 87110

PLANS CHECKING OFFICE
924-8611
APPROVED/DISAPPROVED
HYDRANT(S) ONLY
R.C. 7-3-06
SIGNATURE & DATE

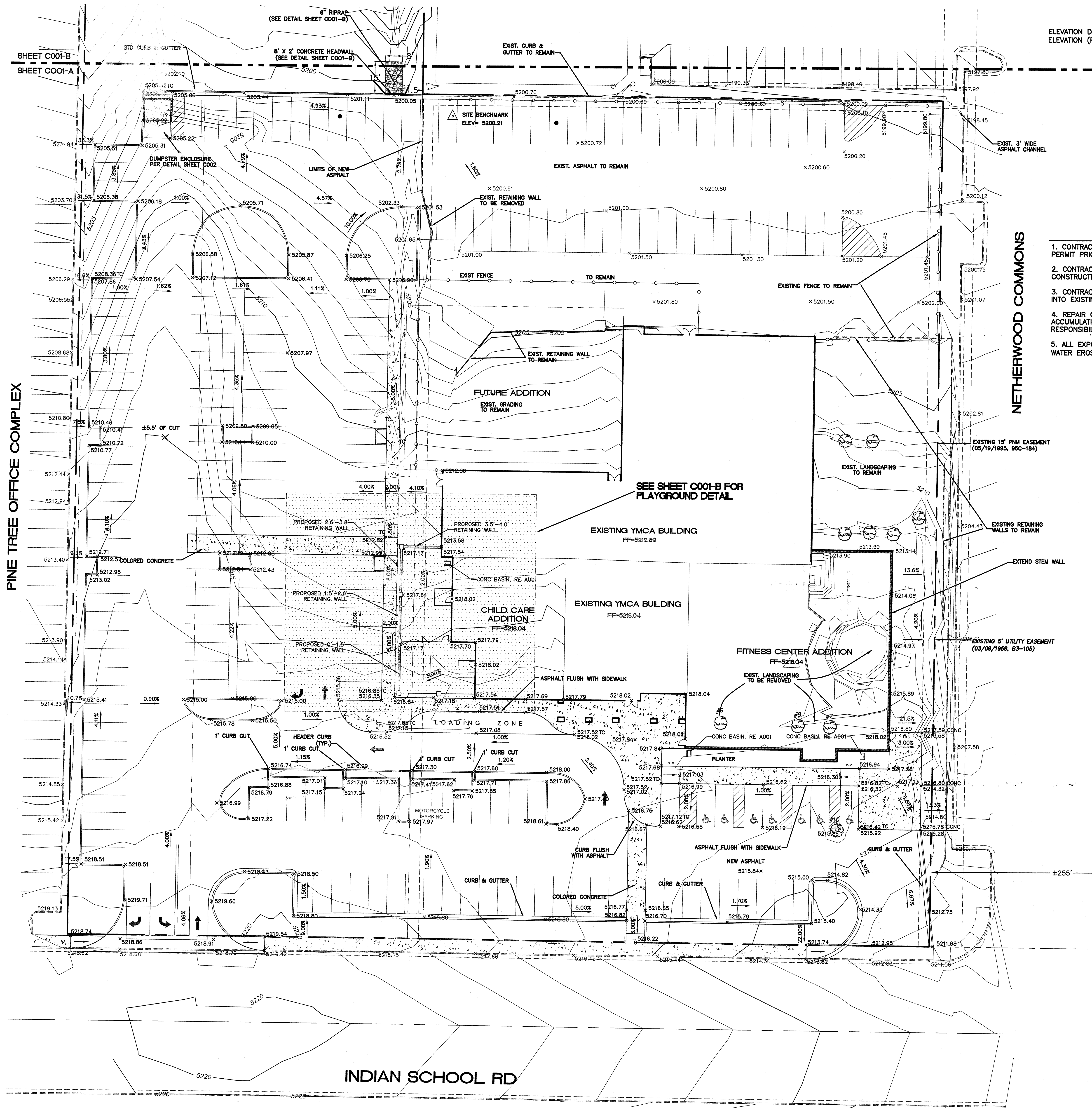
REVISIONS
08/11/06 EPC CONDITIONS OF APPROVAL
08/11/06 DESIGN MODIFICATION
10/11/06 DRS CONDITIONS OF APPROVAL

DRAWN BY: DFB
REVIEWED BY: DFB
DATE: 08/04/06
PROJECT NO.: 06045
DRAWING NAME:

SITE DEVELOPMENT
PLAN FOR
BUILDING PERMIT
(SITE PLAN)

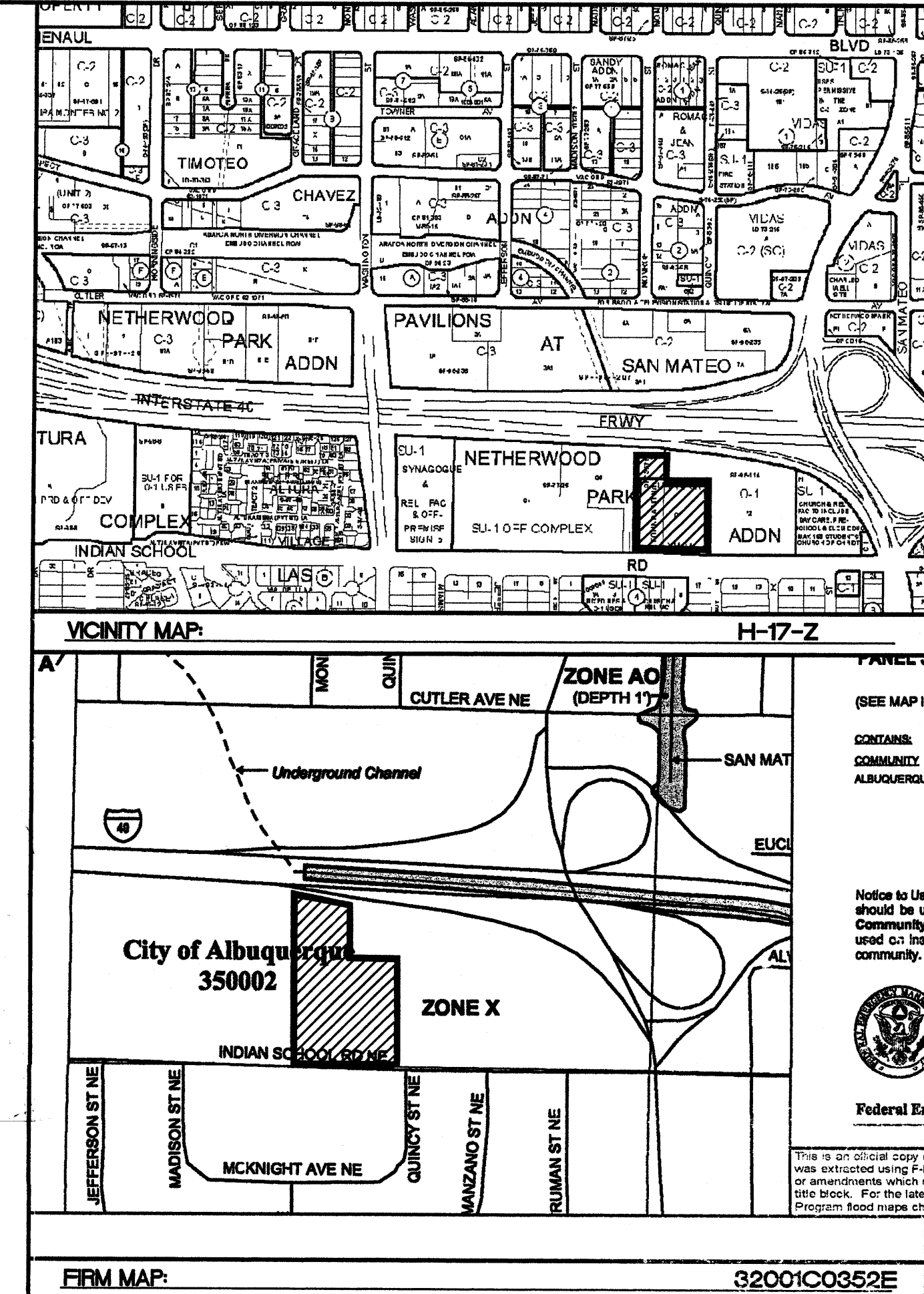
SHEET NO.

A001
1 of 7



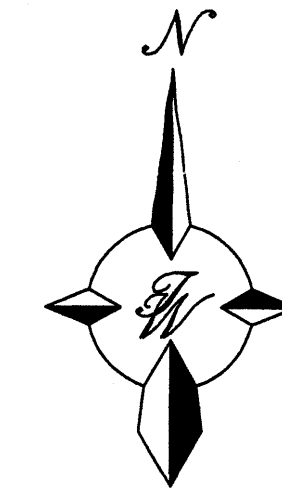
ELEVATION DATUM IS BASED ON NGVD 1929 FROM ACS MONUMENT "15-J17",
ELEVATION (FEET) = 5189.38

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.



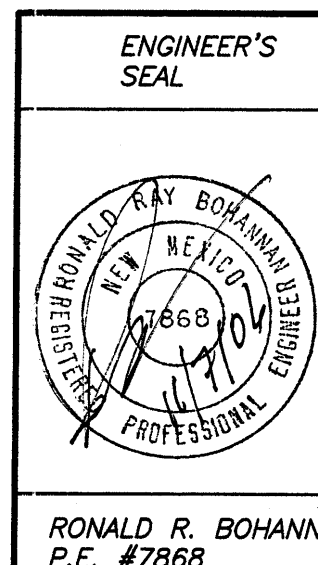
- LEGEND**
- EXISTING CURB & GUTTER
 - PROPOSED CURB & GUTTER
 - BOUNDARY LINE
 - EXISTING BOUNDARY LINE
 - EASEMENT
 - CENTERLINE
 - PROPOSED STRIPING
 - PROPOSED BUILDING
 - EXISTING SIDEWALK
 - PROPOSED SIDEWALK
 - PROPOSED CROSSWALK (PATTERN CONCRETE)
 - PROPOSED FIRE HYDRANT
 - PROPOSED SPOT ELEVATION
 - TOP OF CURB/CONCRETE ELEVATION
 - FLOWLINE ELEVATION
 - EXISTING SPOT ELEVATION
 - EXISTING INDEX CONTOUR
 - EXISTING CONTOUR
 - EXISTING STORM DRAIN PIPE
 - EXISTING FENCE
 - EXISTING RETAINING WALL
 - PROPOSED RETAINING WALL
 - MATCHLINE
 - PROPOSED INDEX CONTOUR
 - PROPOSED CONTOUR

NOTE:
ALL SPOT ELEVATIONS ARE TO FLOWLINE
UNLESS OTHERWISE INDICATED IN PLANS.



GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft

CAUTION:
EXISTING UTILITIES ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.

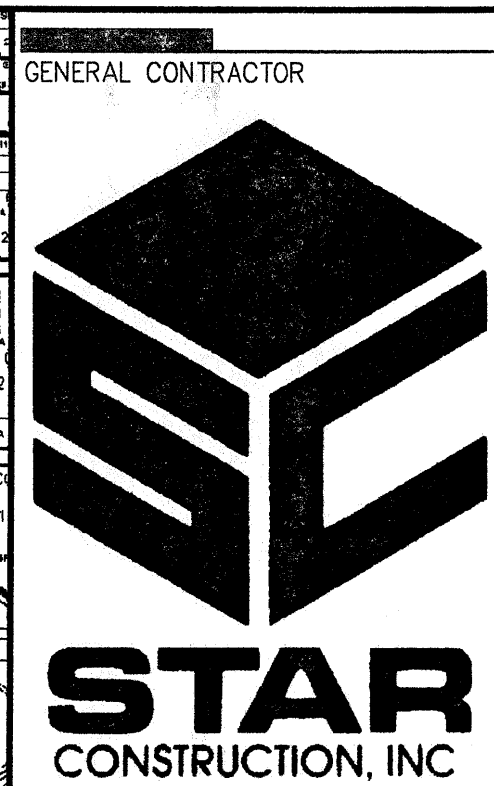


**H. B. and LUCILLE HORN YMCA
INDIAN SCHOOL ROAD**

**GRADING AND DRAINAGE
PLAN**

TERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

DRAWN BY: PM
DATE: 11-07-06
SHEET #: COO1-A
JOB #: 26025



Dekker Perich Sabatini
7601 Jefferson NE
Suite 100
Albuquerque, NM 87109
505 761-9700
Fax: 761-4222
dps@dpsabq.com

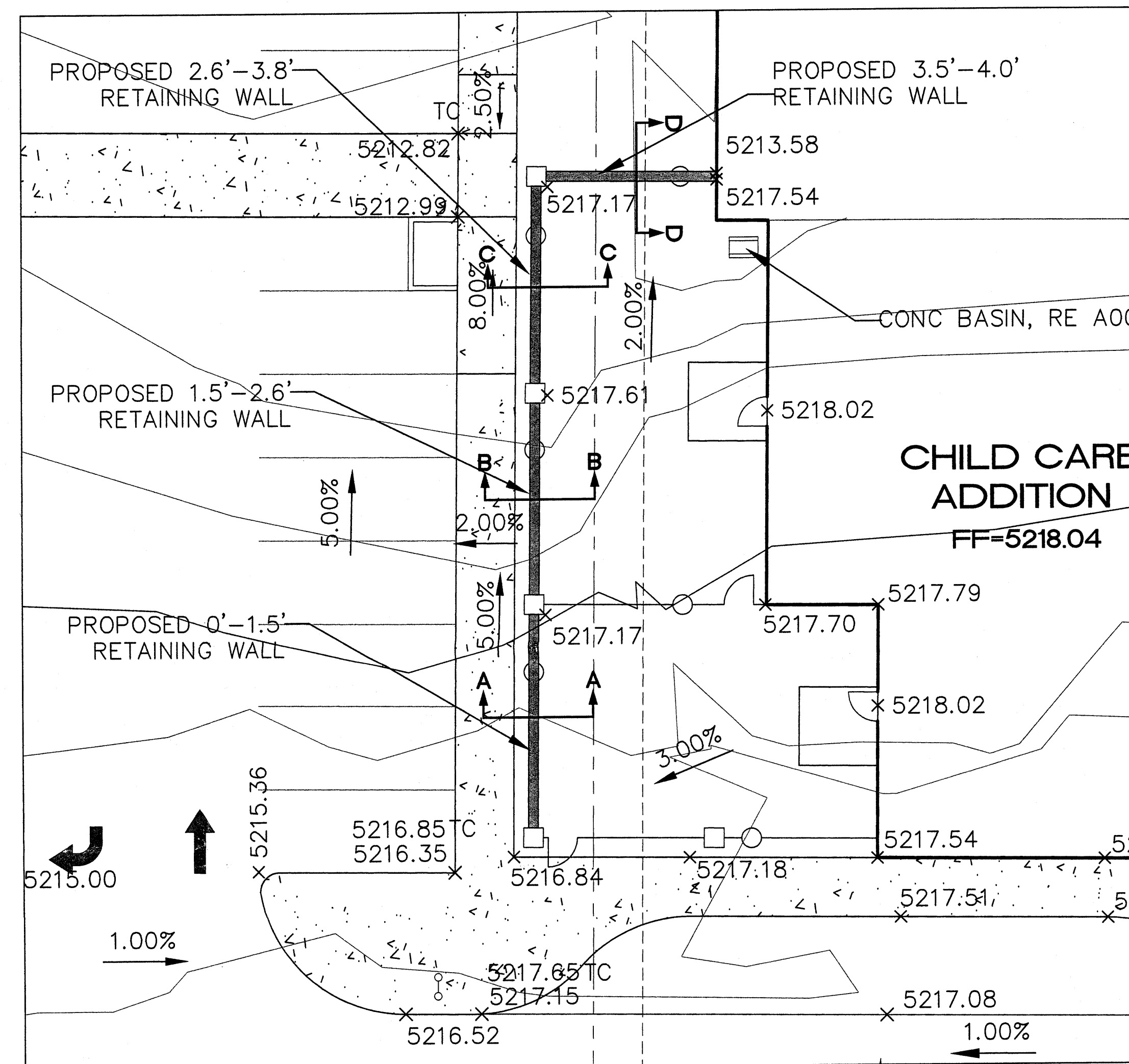
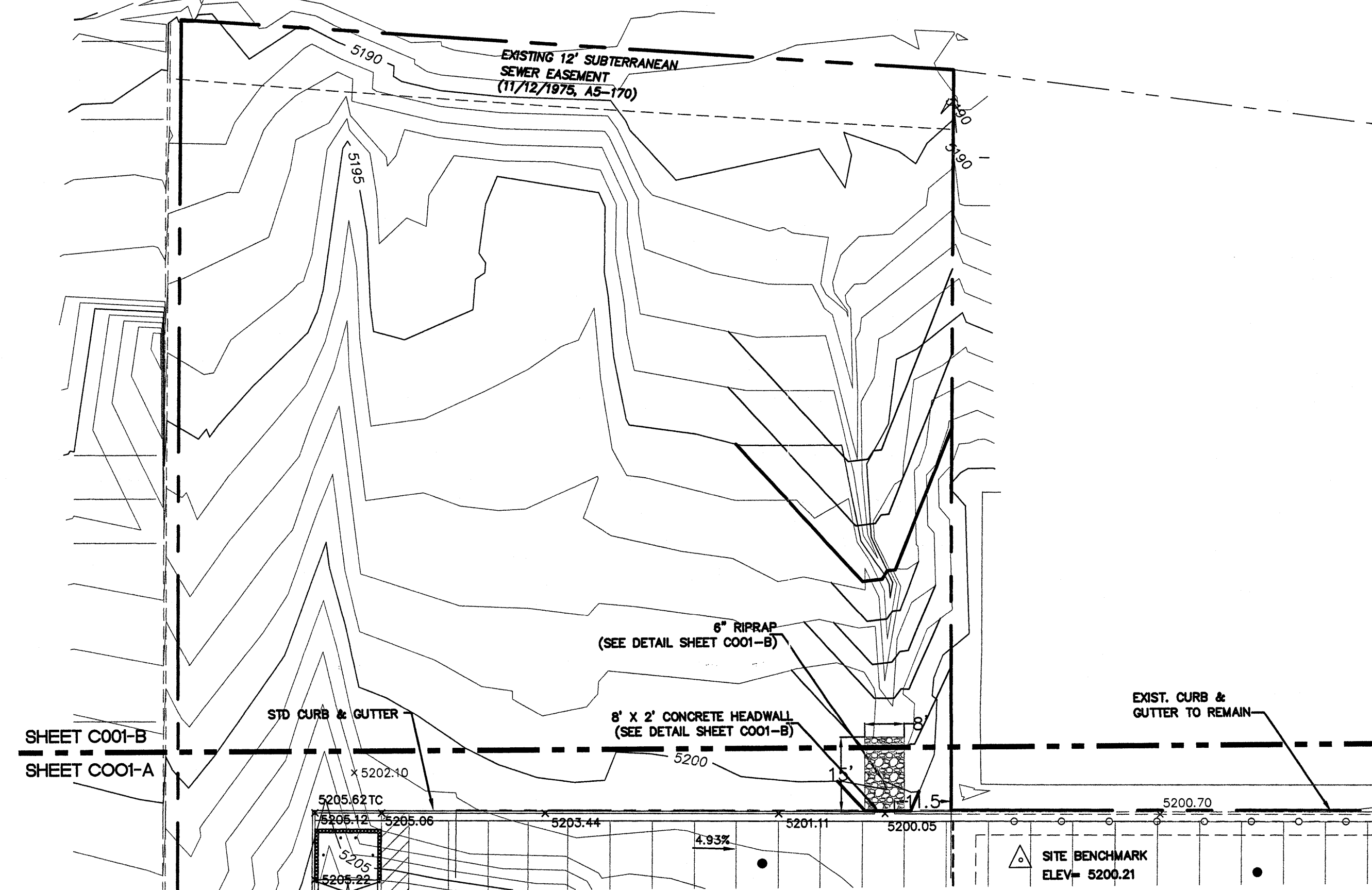
**H.B. & Lucille Horn YMCA
Additions and Remodel**
4901 Indian School Road
Albuquerque, New Mexico 87110

REVISIONS

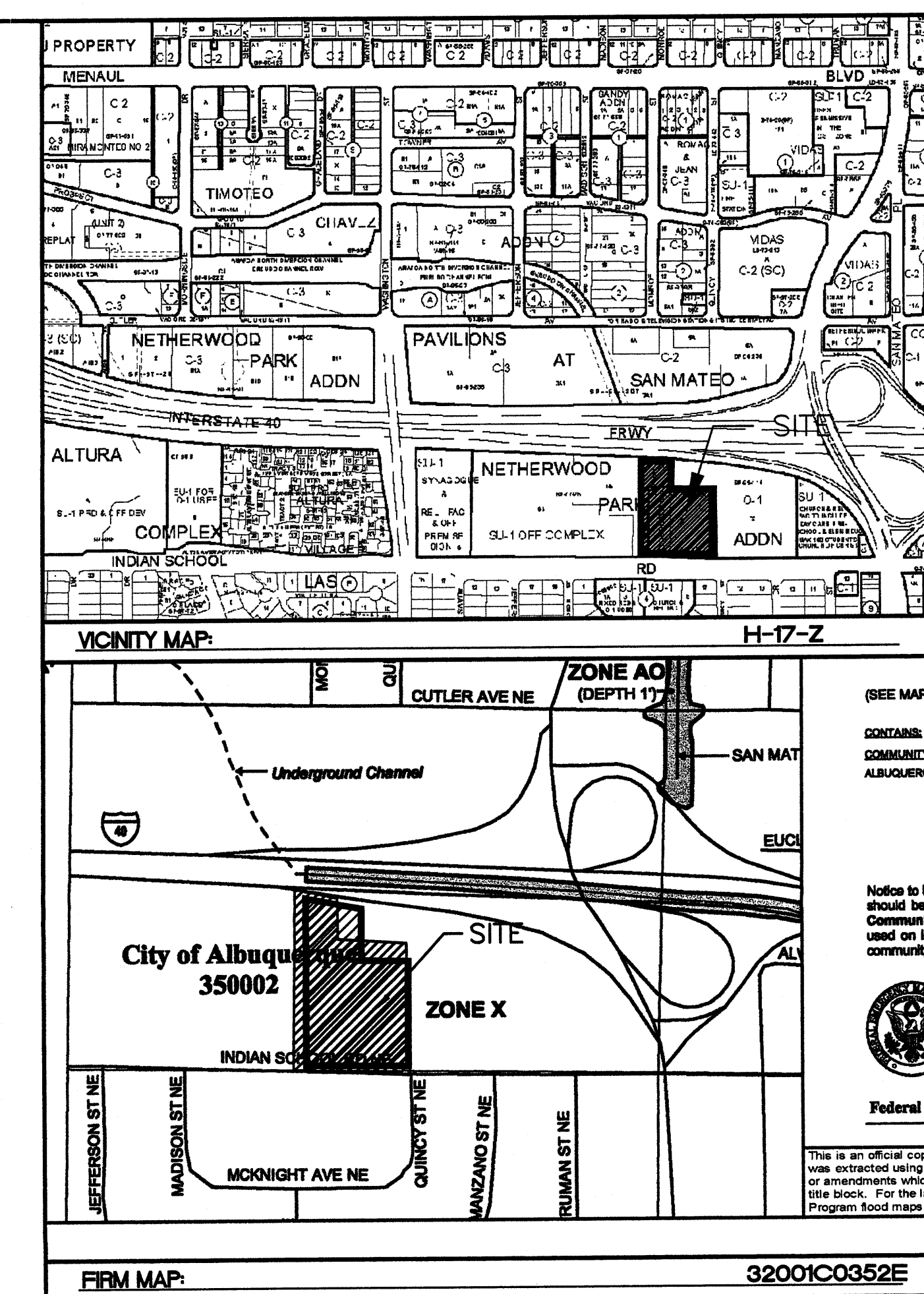
DRAWN BY: PM
REVIEWED BY:
DATE: 11/06/06
PROJECT NO.: 06045
DRAWING NAME:

RECEIVED
NOV 15 2006
HYDROLOGY SECTION

SHEET NO.: COO1-A
OF



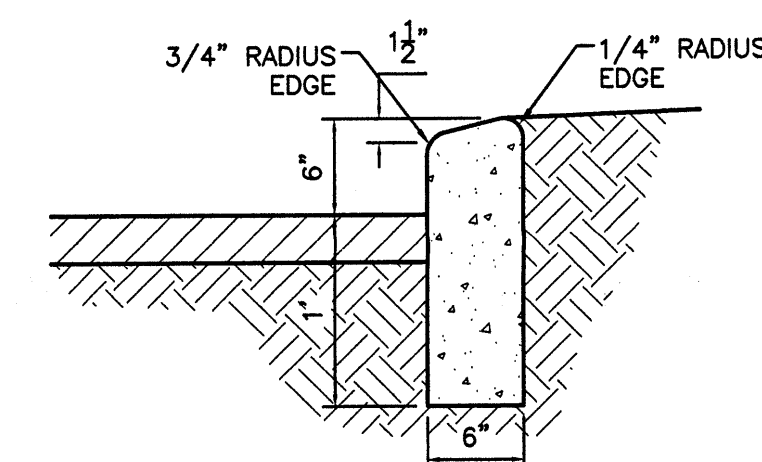
PLAYGROUND DETAIL
1"=10'



STAR CONSTRUCTION, INC.
GENERAL CONTRACTOR

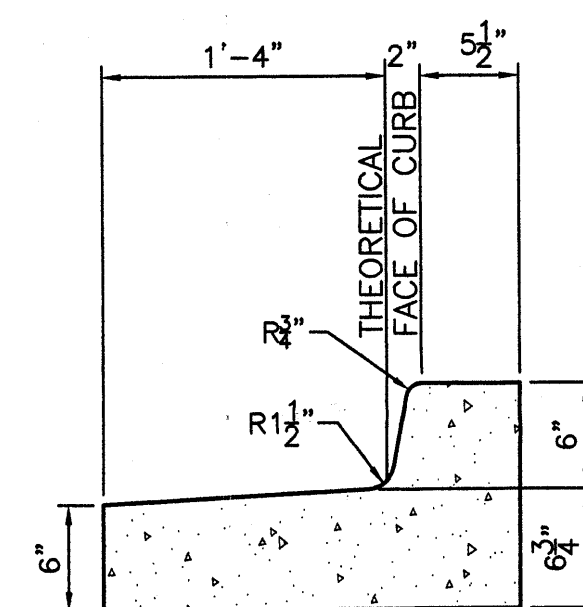
Dekker Perich Sabatini
ARCHITECT
interiors
planning
engineering

7601 Jefferson NE
Suite 100
Albuquerque, NM 87109
505 761-9700
fax 761-4222
dps@dpsobq.com



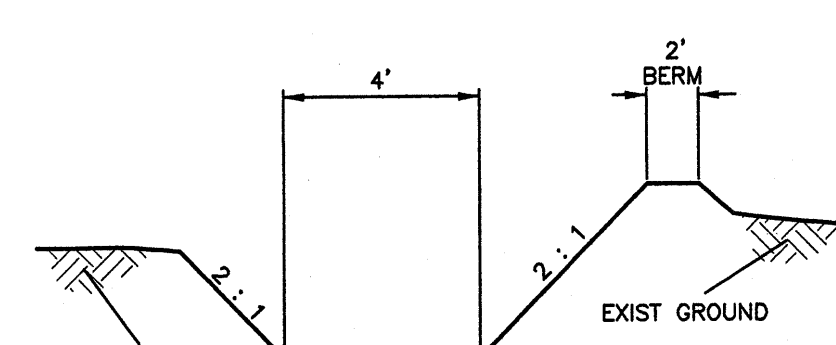
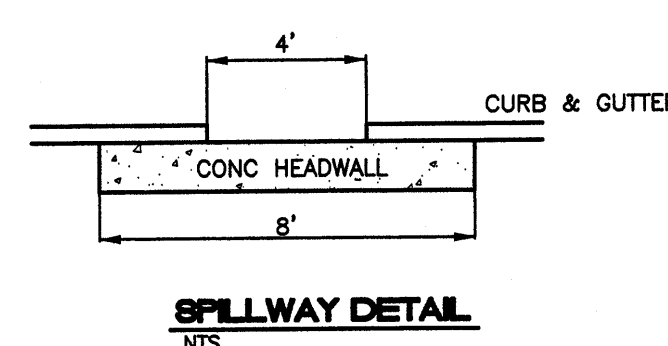
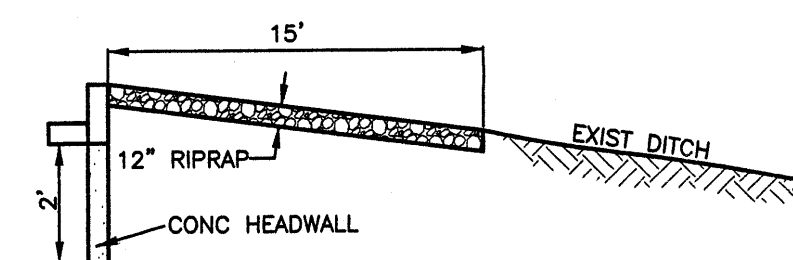
CURB GENERAL NOTES:
1. ALL CURBS TO BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE, PER WAL-MART SPECIFICATIONS.
2. PROVIDE CONTRACTION JTS. 12' MAX., SPACING, 1/2" EXP. JTS. AT CURB RETURNS AND AT A MAX. SPACING OF 120' BETWEEN CURB RETURNS AND EACH SIDE OF SEPARATELY CONSTRUCTED DRIVEWAYS. CONTRACTION JTS. SHALL BE EITHER SAWS OR TOOLED A MINIMUM OF 1" DEEP AT FINISHED FACES.
3. ALL EDGES SHALL BE EDGED WITH A 3/8" RADIUS EDGING TOOL.
4. 1/4" ISOLATION JOINT SHALL BE PLACED BETWEEN SIDEWALK AND CURB WHEN CAST ADJACENT TO EACH OTHER.

6' HEADER CURB DETAIL
1"=1'

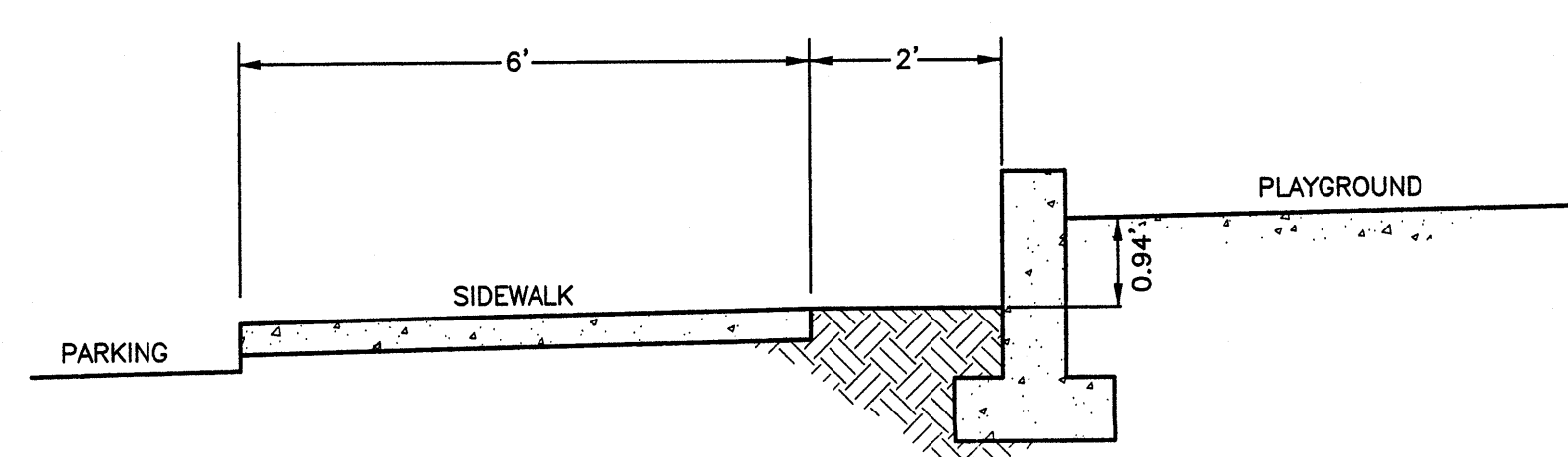


CURB GENERAL NOTES:
1. ALL CURBS TO BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE, PER WAL-MART SPECIFICATIONS.
2. PROVIDE CONTRACTION JTS. 12' MAX., SPACING, 1/2" EXP. JTS. AT CURB RETURNS AND AT A MAX. SPACING OF 120' BETWEEN CURB RETURNS AND EACH SIDE OF SEPARATELY CONSTRUCTED DRIVEWAYS. CONTRACTION JTS. SHALL BE EITHER SAWS OR TOOLED A MINIMUM OF 1" DEEP AT FINISHED FACES.
3. ALL EDGES SHALL BE EDGED WITH A 3/8" RADIUS EDGING TOOL.
4. 1/4" ISOLATION JOINT SHALL BE PLACED BETWEEN SIDEWALK AND CURB WHEN CAST ADJACENT TO EACH OTHER.

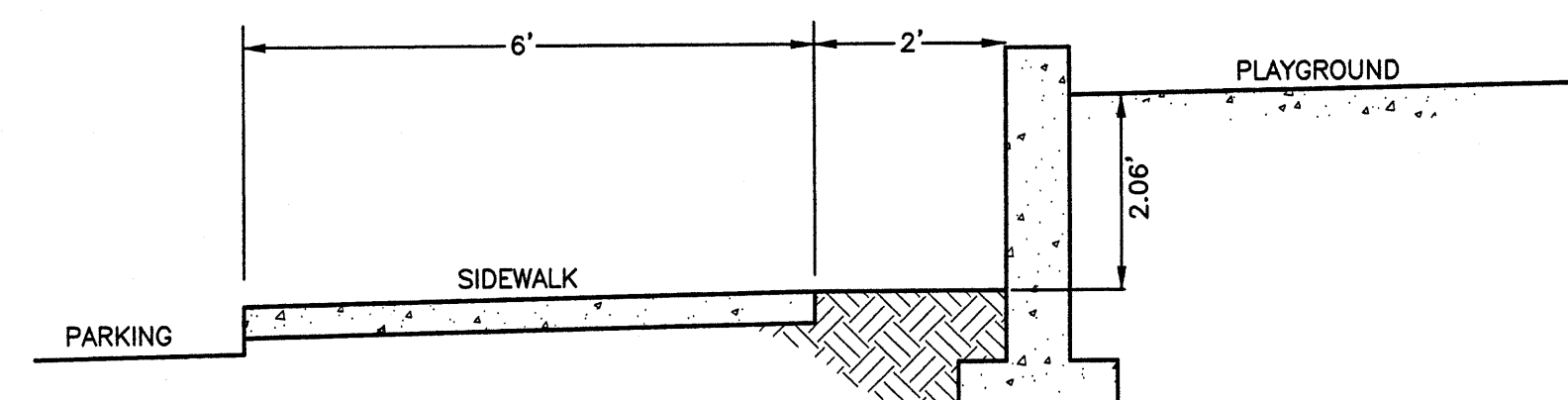
STANDARD CURB / GUTTER
NTS



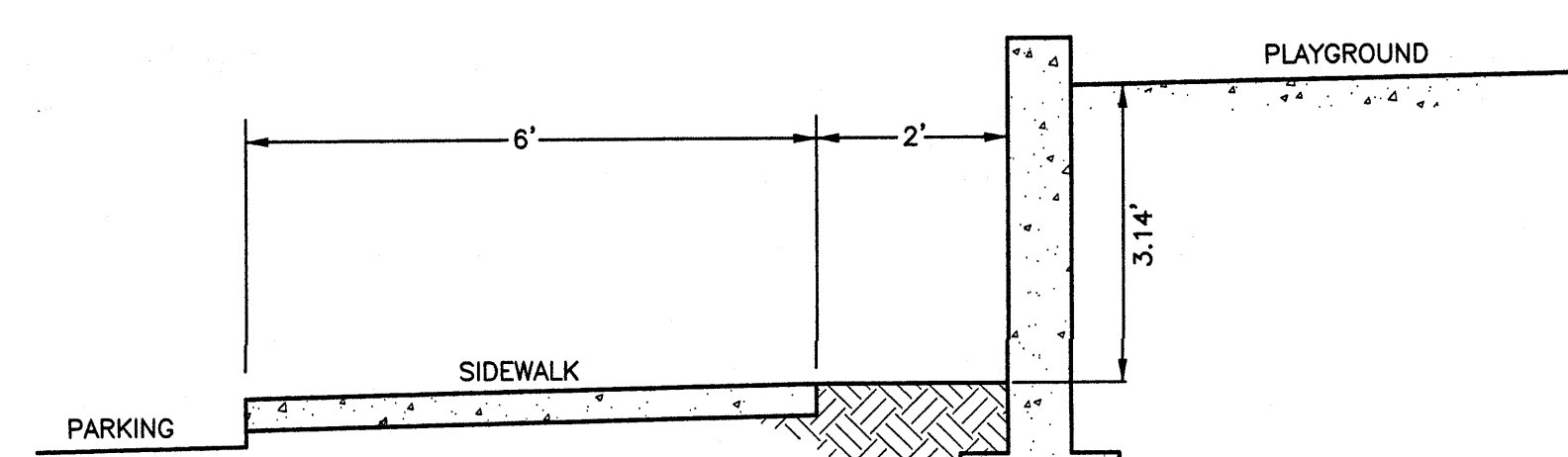
SECTION A-A
DITCH REGRADING
NTS



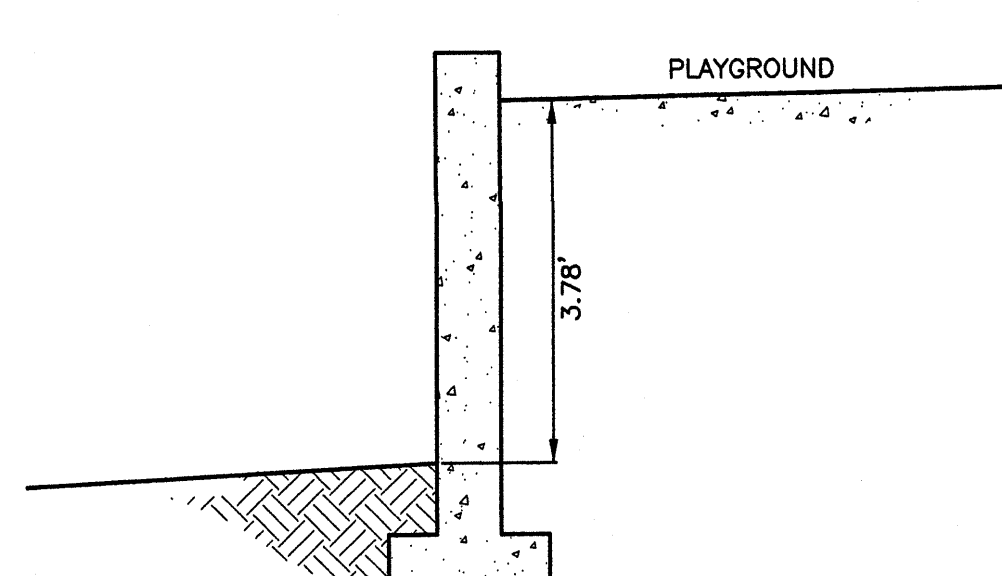
WALL SECTION A-A
NTS
NOTE: REFER TO S302 FOR ADDITIONAL INFORMATION.



WALL SECTION B-B
NTS
NOTE: REFER TO S302 FOR ADDITIONAL INFORMATION.



WALL SECTION C-C
NTS
NOTE: REFER TO S302 FOR ADDITIONAL INFORMATION.

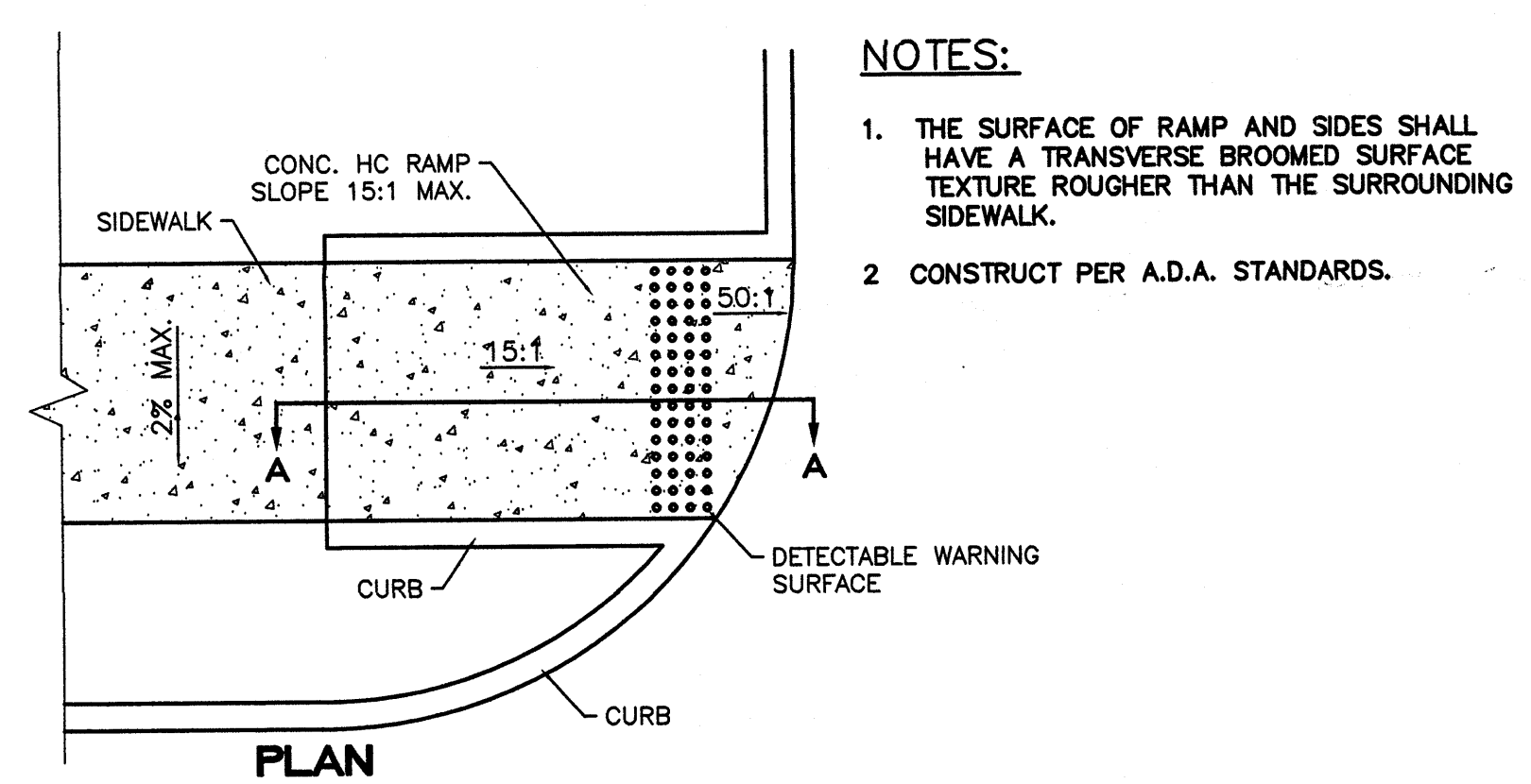
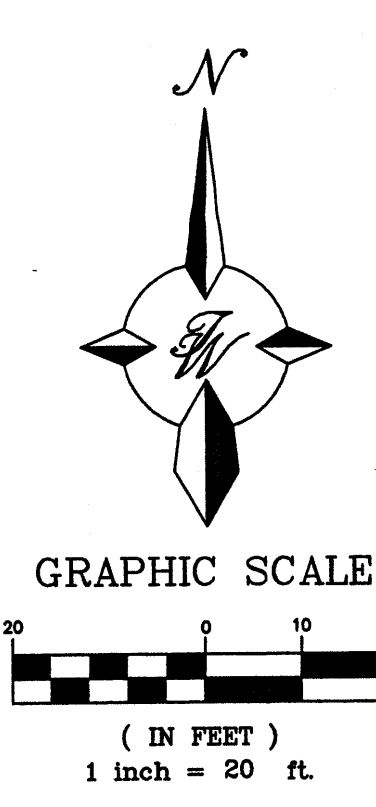


WALL SECTION D-D
NTS
NOTE: REFER TO S302 FOR ADDITIONAL INFORMATION.

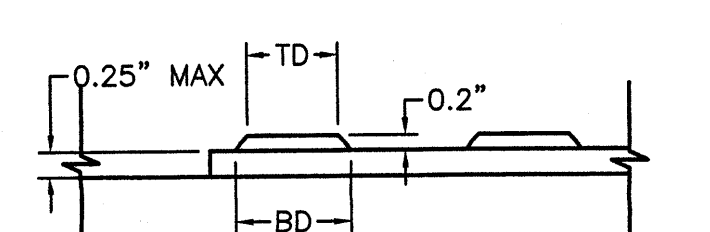
LEGEND

=====	EXISTING CURB & GUTTER
=====	PROPOSED CURB & GUTTER
-----	BOUNDARY LINE
-----	EXISTING BOUNDARY LINE
-----	EASEMENT
-----	CENTERLINE
-----	PROPOSED STRIPING
-----	PROPOSED BUILDING
-----	EXISTING SIDEWALK
-----	PROPOSED SIDEWALK
-----	PROPOSED CROSSWALK (PATTERN CONCRETE)
-----	PROPOSED FIRE HYDRANT
-----	PROPOSED SPOT ELEVATION
-----	TOP OF CURB/CONCRETE ELEVATION
-----	FLOWLINE ELEVATION
-----	EXISTING SPOT ELEVATION
-----	EXISTING INDEX CONTOUR
-----	EXISTING CONTOUR
-----	EXISTING STORM DRAIN PIPE
-----	EXISTING FENCE
-----	EXISTING RETAINING WALL
-----	PROPOSED RETAINING WALL
-----	MATCHLINE
-----	5200
-----	PROPOSED INDEX CONTOUR
-----	5201
-----	PROPOSED CONTOUR

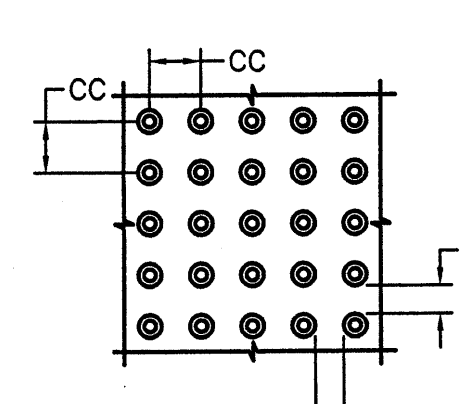
NOTE:
ALL SPOT ELEVATIONS ARE TO FLOWLINE
UNLESS OTHERWISE INDICATED IN PLANS.



SECTION A-A
UNIDIRECTIONAL HC RAMP
NOT TO SCALE



DOME SECTION
BD - BASE DIAMETER 0.9" MIN
TD - TOP DIAMETER 50% OF BD MIN TO 65% OF BD MAX



DOME SPACING
CC - CENTER TO CENTER SPACING
2.35"
BB - BASE TO BASE SPACING
1.48" MIN

CAUTION:
EXISTING UTILITIES ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.

ENGINEER'S SEAL
RONALD R. BOHANNAN
P.E. #7868

**H. B. and LUCILLE HORN YMCA
INDIAN SCHOOL ROAD**

**GRADING AND DRAINAGE
PLAN**

TIERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

DRAWN BY
PM
DATE
11-07-06

SHEET #
COO1-B

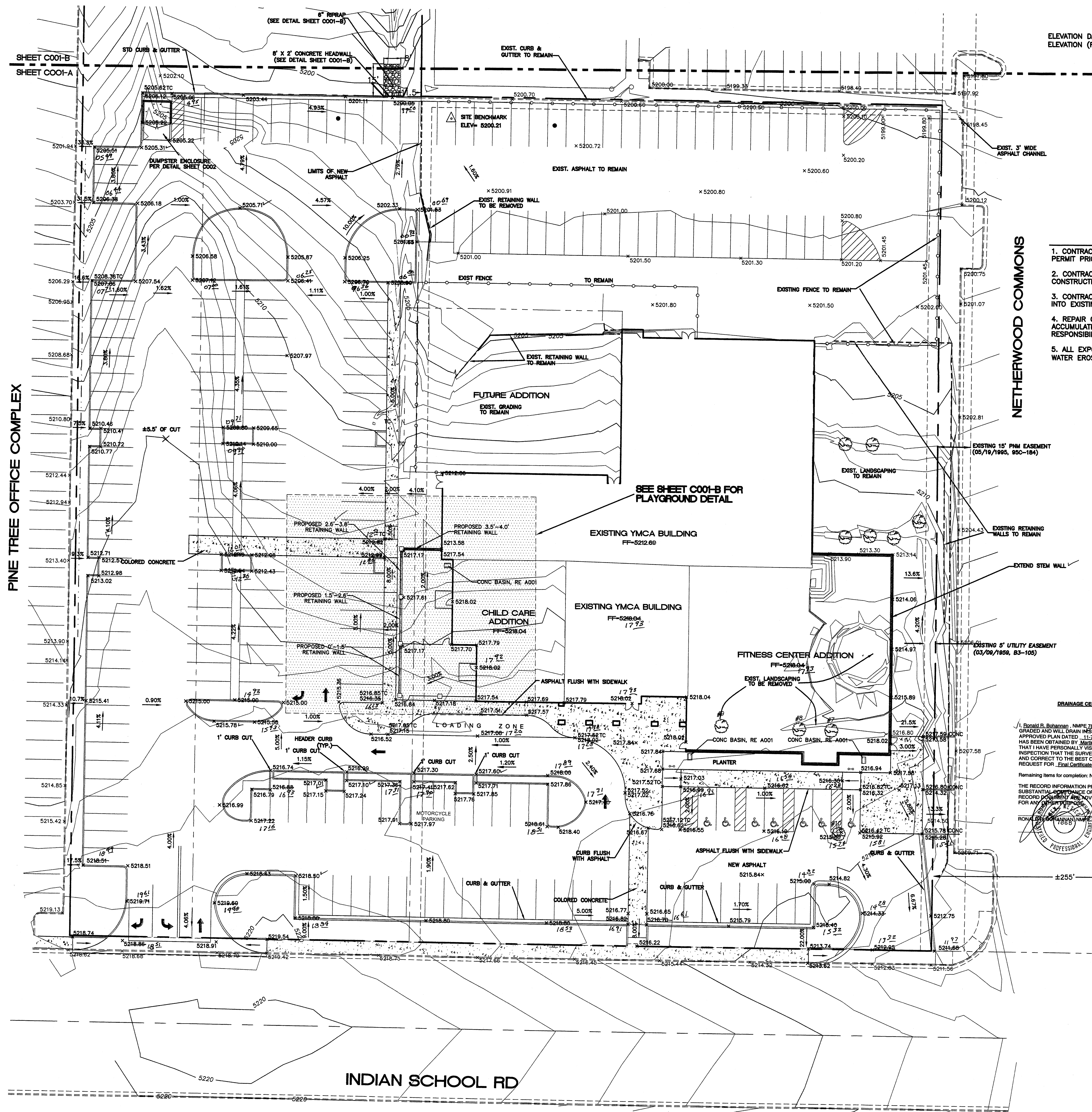
JOB #
26025

REVISIONS

DRAWN BY
REVIEWED BY
DATE
11/06/06
PROJECT NO.
06045
DRAWING NAME

NOV 15 2006
HYDROLOGY SECTION

COO1-B
OF

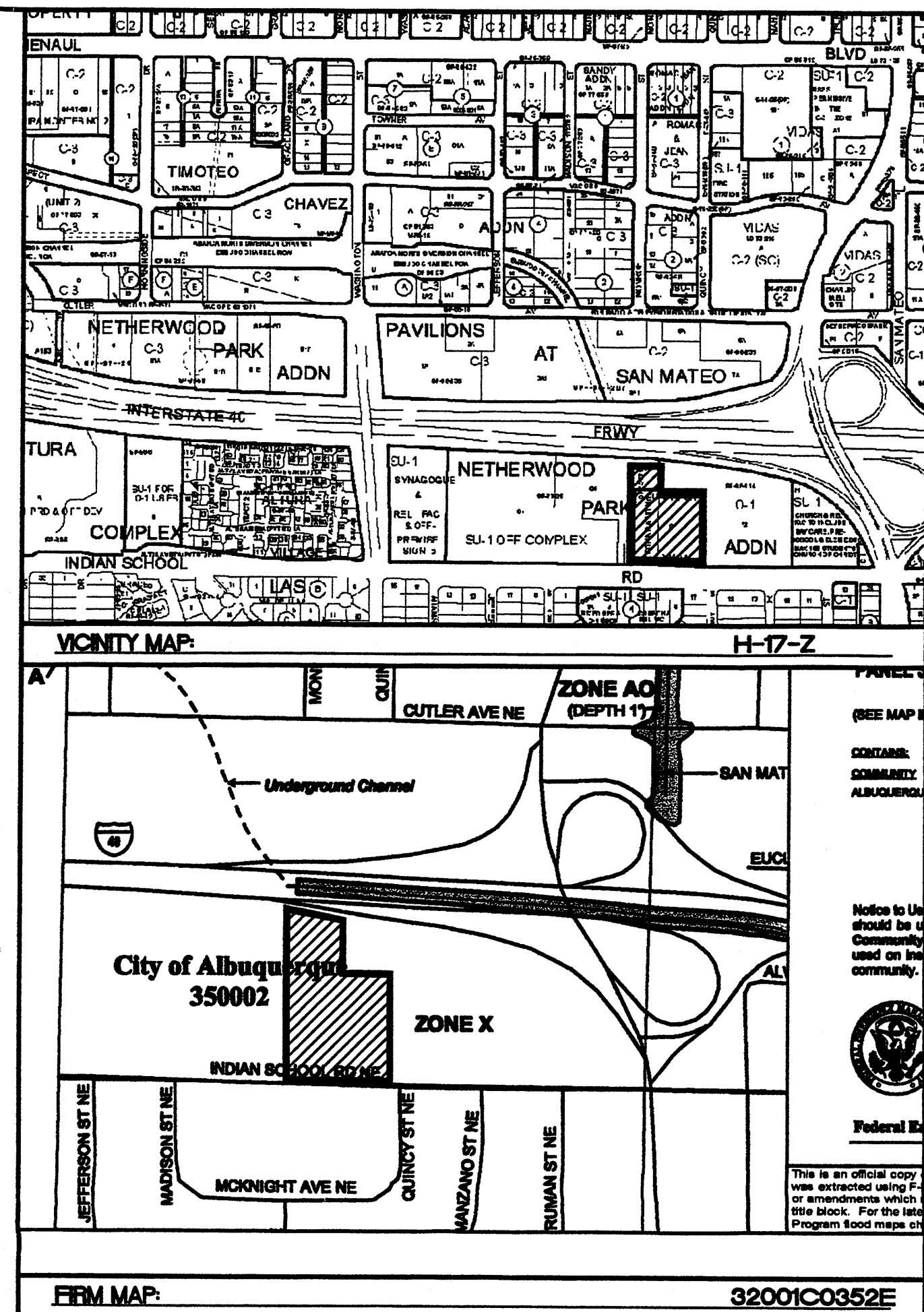


ELEVATION DATUM IS BASED ON NGVD 1929 FROM ACS MONUMENT "15-J17",
ELEVATION (FEET) = 5189.38

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.

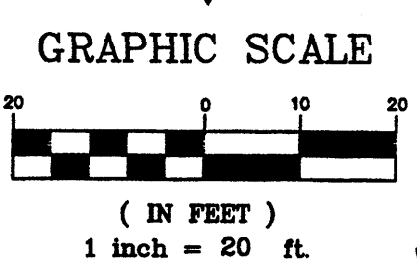
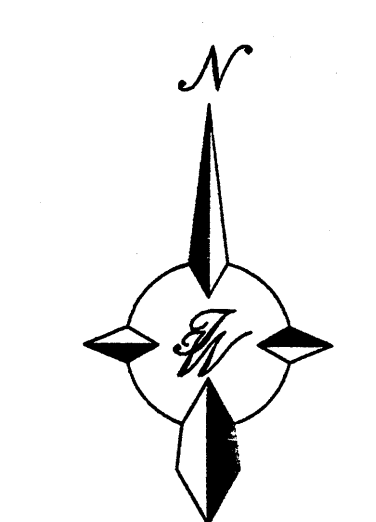
NETHERWOOD COMMONS

PINE TREE OFFICE COMPLEX



- LEGEND**
- EXISTING CURB & GUTTER
 - PROPOSED CURB & GUTTER
 - BOUNDARY LINE
 - EXISTING BOUNDARY LINE
 - EASEMENT
 - CENTERLINE
 - PROPOSED STRIPING
 - PROPOSED BUILDING
 - EXISTING SIDEWALK
 - PROPOSED SIDEWALK
 - PROPOSED CROSSWALK (PATTERN CONCRETE)
 - PROPOSED FIRE HYDRANT
 - PROPOSED SPOT ELEVATION
 - TOP OF CURB/CONCRETE ELEVATION
 - FLOWLINE ELEVATION
 - EXISTING SPOT ELEVATION
 - EXISTING INDEX CONTOUR
 - EXISTING CONTOUR
 - EXISTING STORM DRAIN PIPE
 - EXISTING FENCE
 - EXISTING RETAINING WALL
 - PROPOSED RETAINING WALL
 - MATCHLINE
 - PROPOSED INDEX CONTOUR
 - PROPOSED CONTOUR

NOTE:
ALL SPOT ELEVATIONS ARE TO FLOWLINE
UNLESS OTHERWISE INDICATED IN PLANS.



CAUTION:
EXISTING UTILITIES ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.

ENGINEER'S SEAL	H. B. and LUCILLE HORN YMCA INDIAN SCHOOL ROAD	DRAWN BY PM
	GRADING AND DRAINAGE PLAN	DATE 11-07-06
	TERRA WEST, LLC 8500 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100	SHEET # COO1-A
		JOB # 26025

GENERAL CONTRACTOR

STAR
CONSTRUCTION, INC.

ARCHITECT

Dekker
Perich
Sabatini

7801 Jefferson NE
Suite 100
Albuquerque, NM 87109
505 761-9700
fax 761-4222
dps@dpsabq.com

ISSUED FOR PERMIT

PROJECT

H.B. & Lucille Horn YMCA
Additions and Remodel
4901 Indian School Road
Albuquerque, New Mexico 87110

REVISIONS

1	
2	
3	
4	
5	

DRAWN BY

REVIEWED BY

DATE

11/06/06

PROJECT NO.

06045

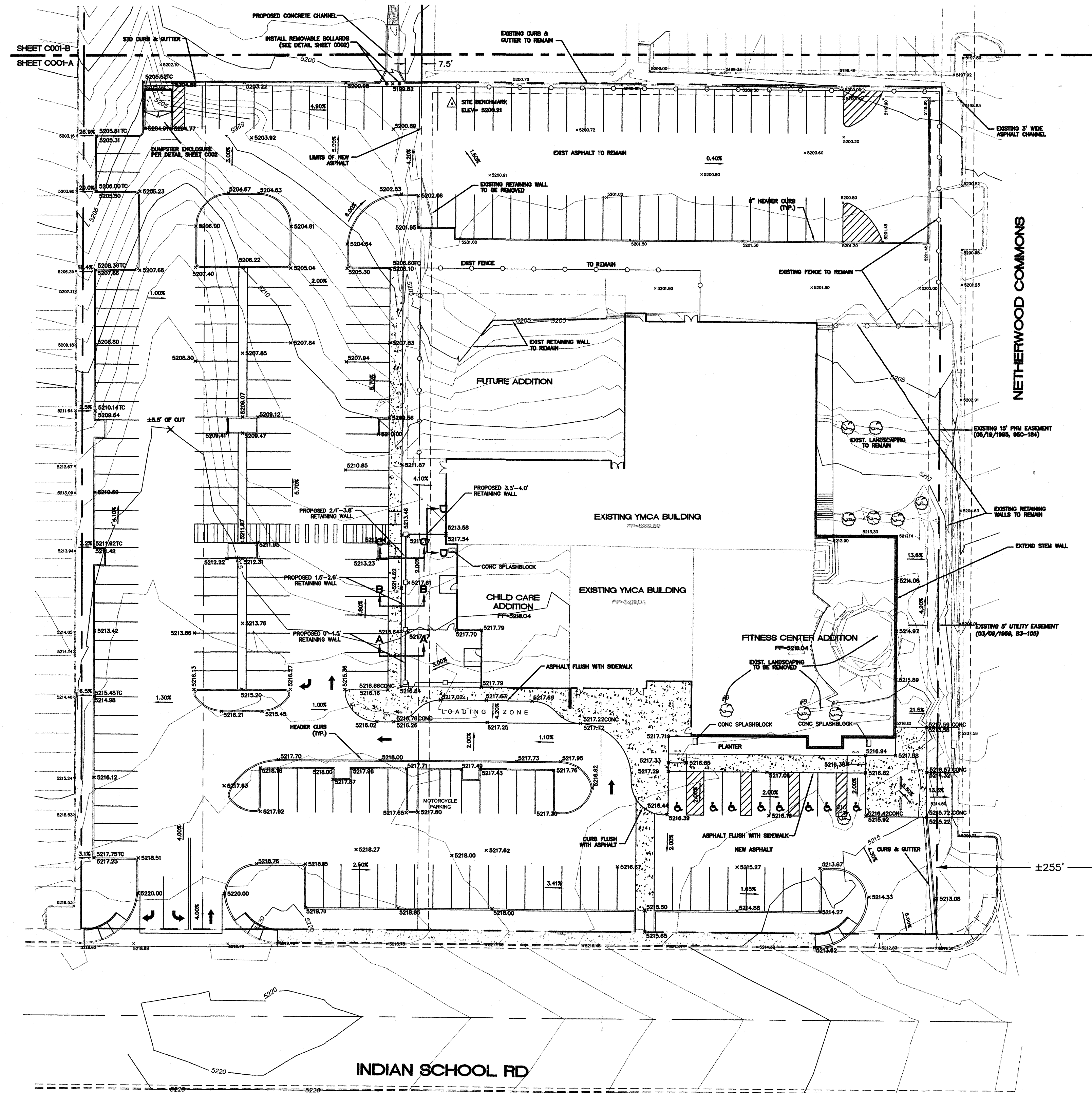
DRAWING NAME

SHEET NO.

COO1-A

OF

PINE TREE OFFICE COMPLEX

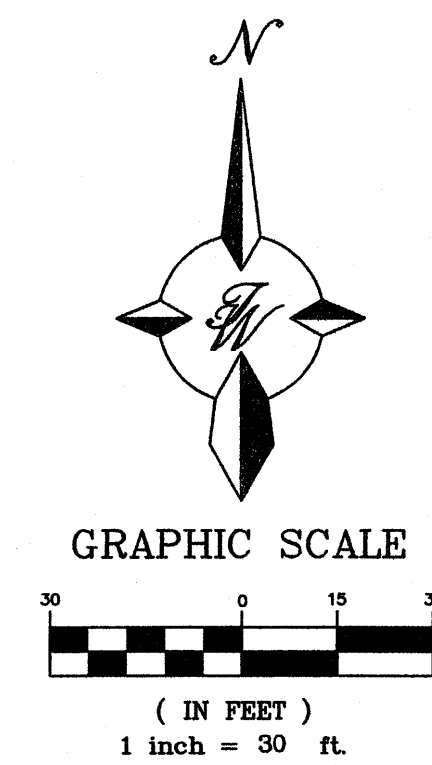


1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.

ELEVATION DATUM IS BASED ON NGVD 1929 FROM ACS MONUMENT "15-J17", ELEVATION (FEET) = 5189.38

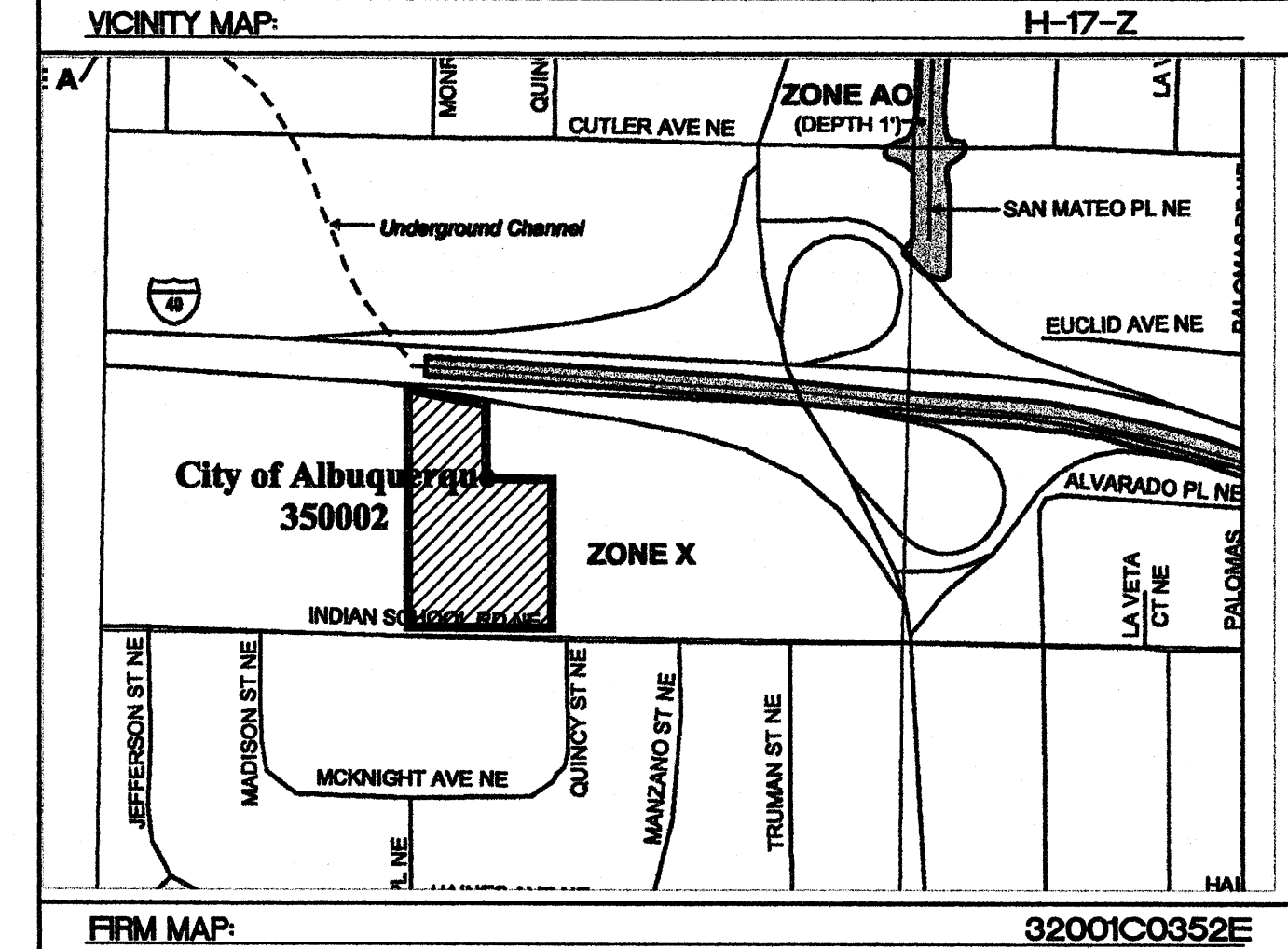
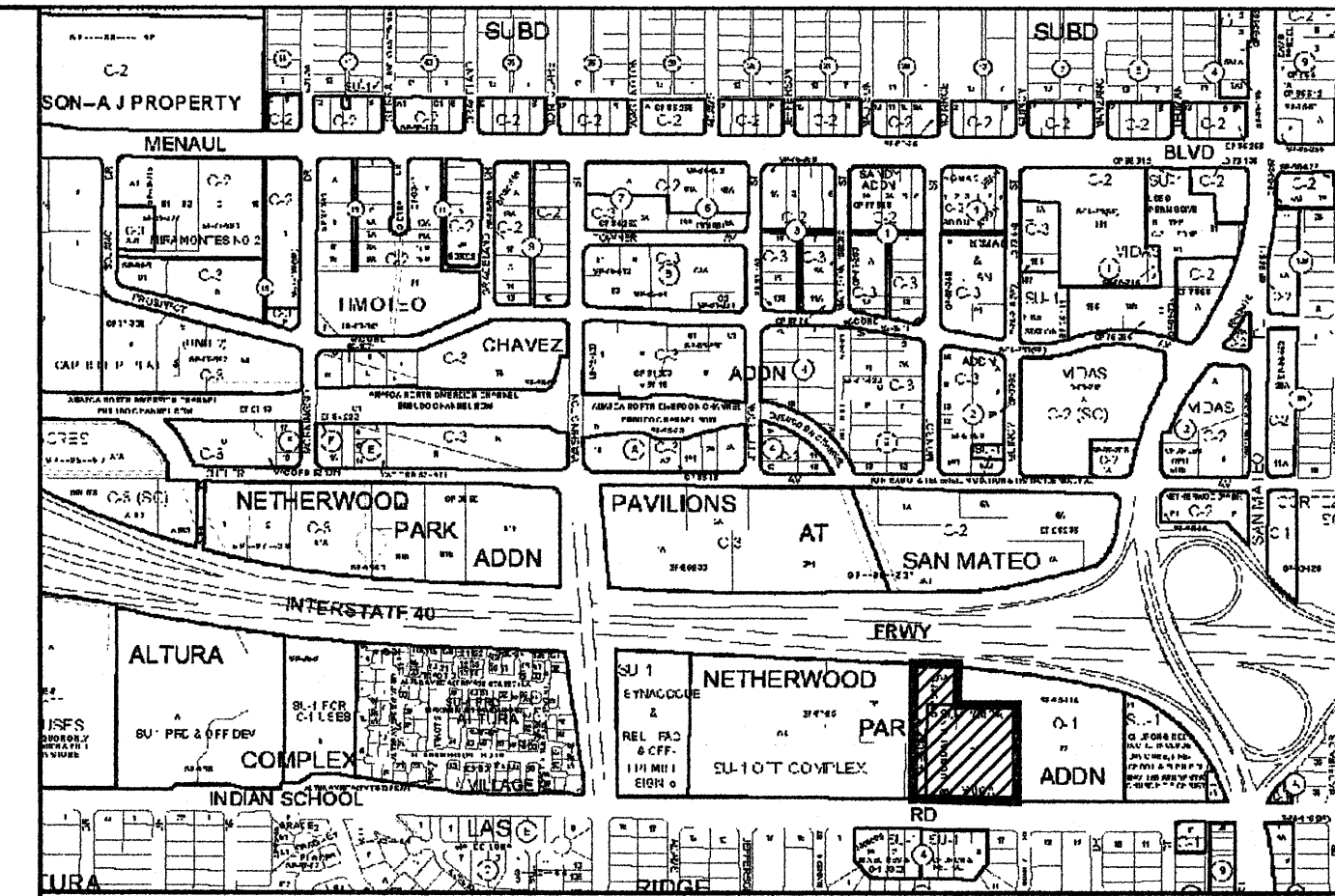
EROSION CONTROL PLAN, NPDES PERMIT AND POLLUTION PREVENTION NOTES

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUN OFF ON SITE.
4. REPAIR OF DAMAGED FACILITIES AND CLEAN-UP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.



CAUTION:
EXISTING UTILITIES ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.

4 TYPE "A" INLETS



LEGEND

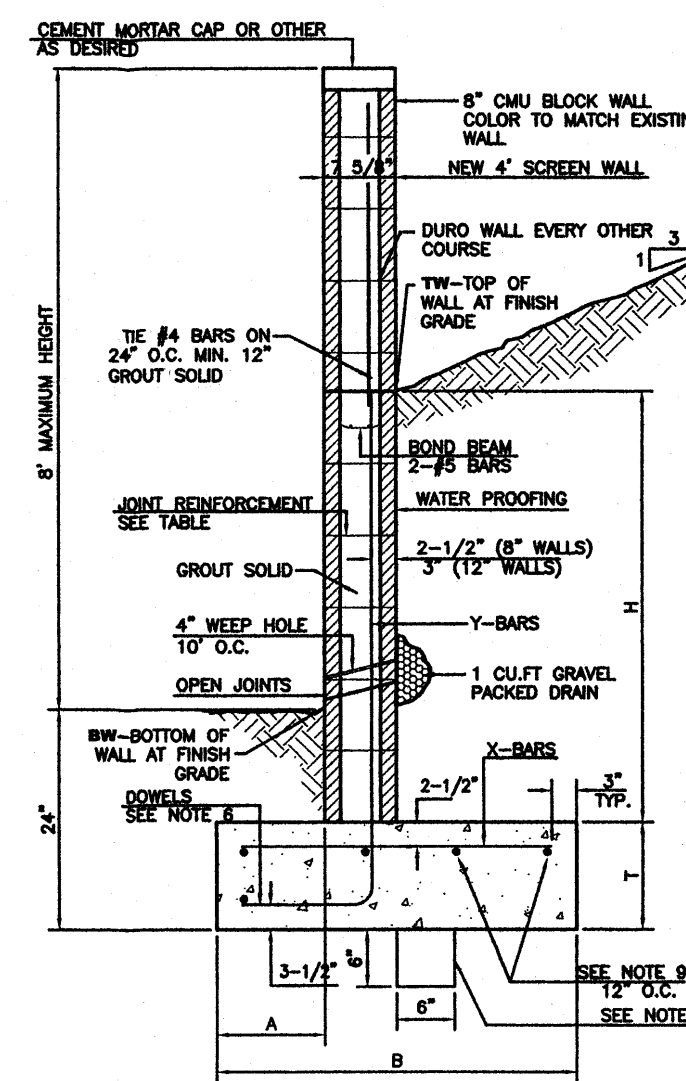
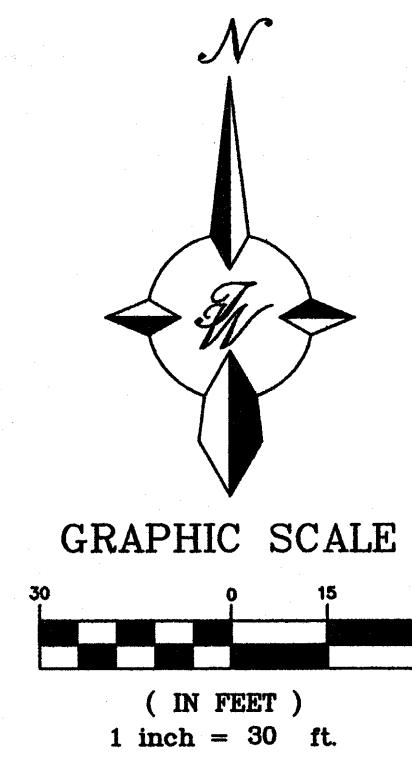
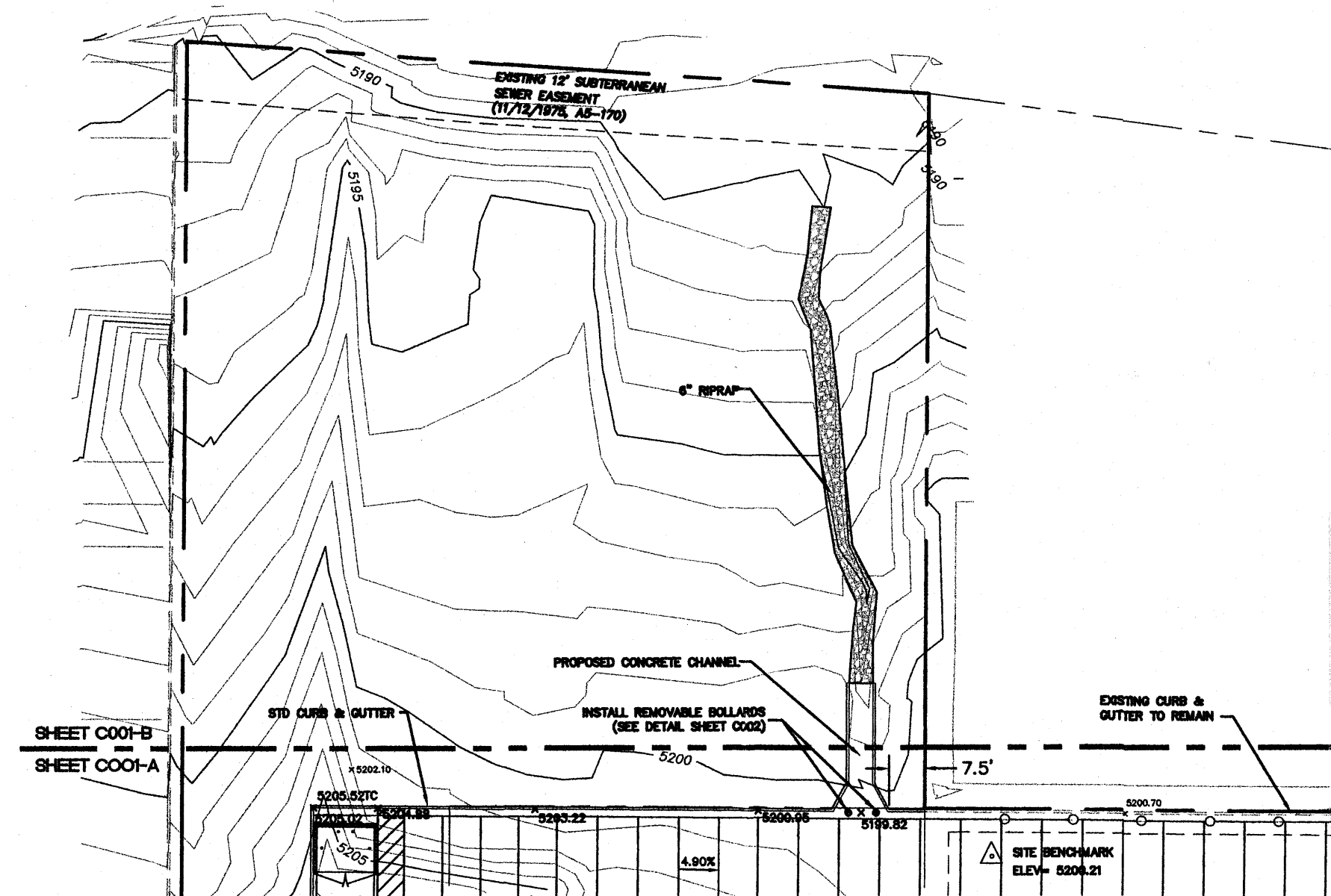
	EXISTING CURB & GUTTER
	PROPOSED CURB & GUTTER
	BOUNDARY LINE
	EXISTING BOUNDARY LINE
	EASEMENT
	CENTERLINE
	STRIPING
	PROPOSED BUILDING
	EXISTING SIDEWALK
	PROPOSED SIDEWALK
	PROPOSED CROSSWALK (PATTERN CONCRETE)
	PROPOSED FIRE HYDRANT
	PROPOSED SPOT ELEVATION
	TOP OF CURB/CONCRETE ELEVATION
	FLOWLINE ELEVATION
	EXISTING SPOT ELEVATION
	EXISTING INDEX CONTOUR
	EXISTING CONTOUR
	EXISTING STORM DRAIN PIPE
	EXISTING FENCE
	EXISTING RETAINING WALL
	PROPOSED RETAINING WALL
	MATCHLINE

NOTE
ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE INDICATED IN PLANS.

ENGINEER'S SEAL 	H. B. HORN YMCA INDIAN SCHOOL ROAD GRADING AND DRAINAGE PLAN TIERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100	DRAWN BY PM DATE 8-29-06 SHEET # COO1-A JOB # 26025
---------------------	---	--

ROUGH GRADING APPROVAL

DATE



8 INCH REINFORCED CONCRETE MASONRY WALL

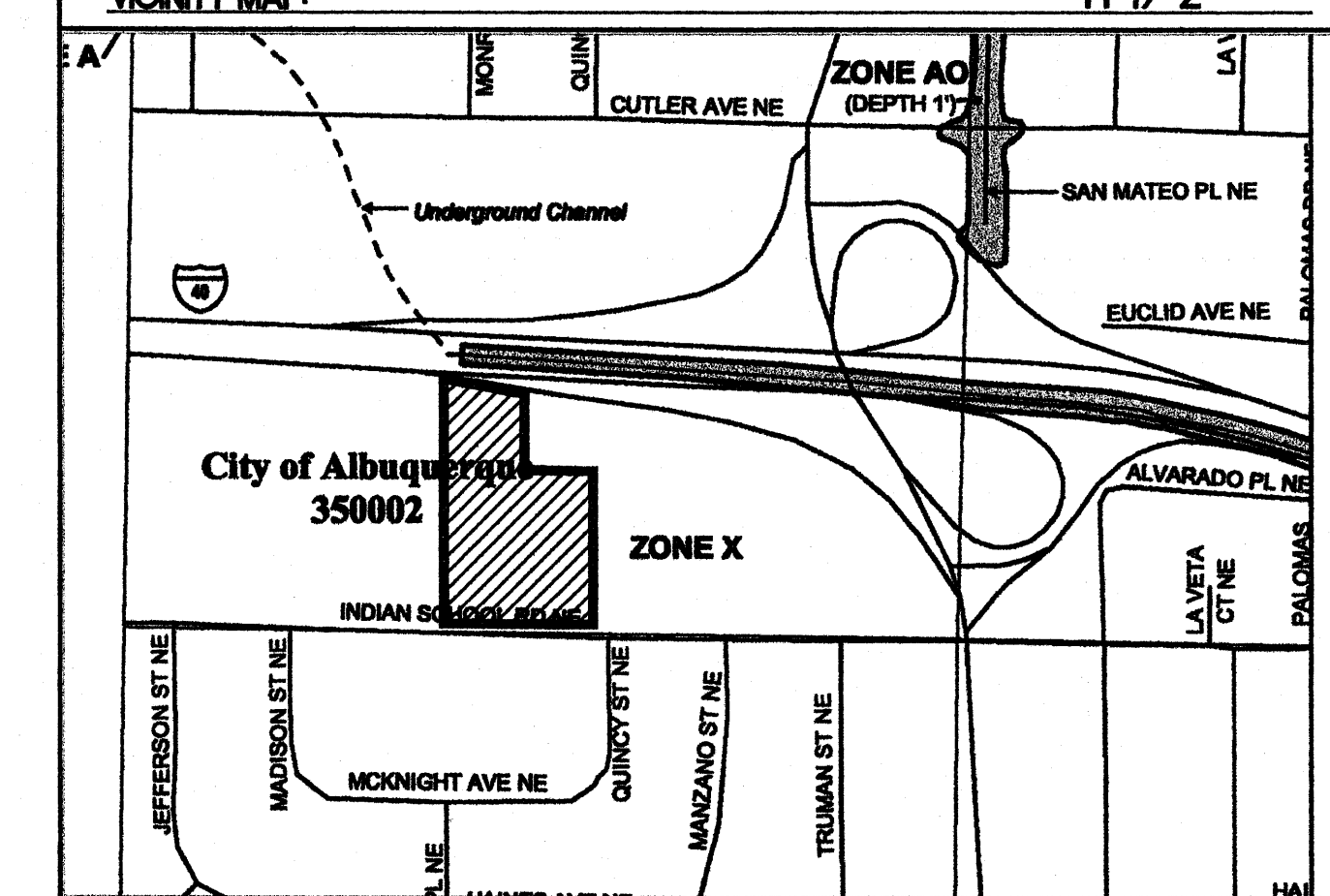
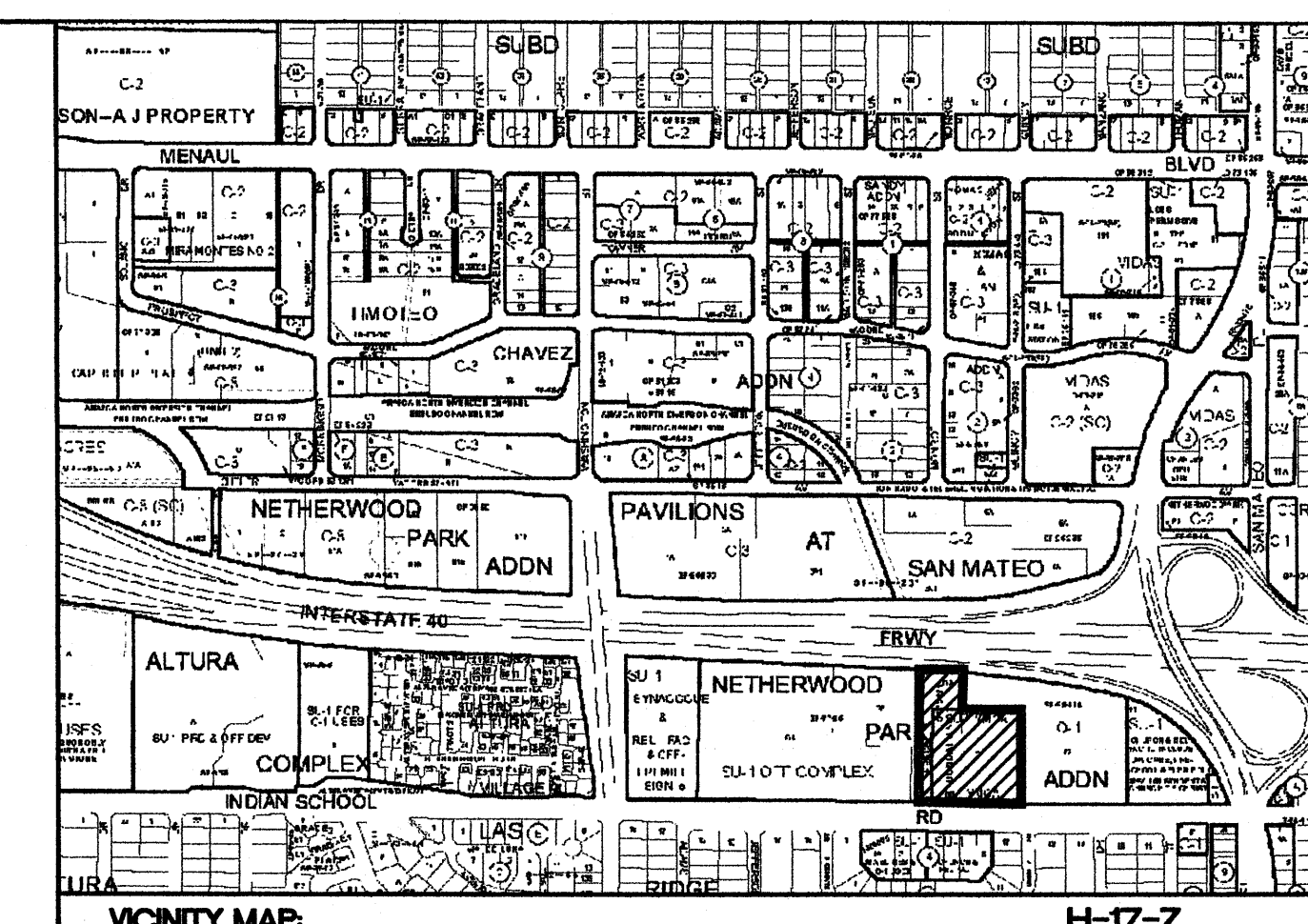
H	A	B	T	Y-BARS	X-BARS
0'-0"	8"	2'-0"	9"	#4 @32" O.C.	#4 @24" O.C.
0'-0"	8"	2'-0"	9"	#4 @32" O.C.	#4 @24" O.C.
0'-0"	8"	2'-0"	9"	#4 @32" O.C.	#4 @24" O.C.
0'-0"	8"	2'-0"	9"	#4 @32" O.C.	#4 @24" O.C.
0'-0"	8"	2'-0"	9"	#4 @32" O.C.	#4 @24" O.C.
0'-0"	8"	2'-0"	9"	#4 @32" O.C.	#4 @24" O.C.
0'-0"	8"	2'-0"	9"	#4 @32" O.C.	#4 @24" O.C.
0'-0"	8"	2'-0"	9"	#4 @32" O.C.	#4 @24" O.C.
0'-0"	8"	2'-0"	9"	#4 @32" O.C.	#4 @24" O.C.
0'-0"	8"	2'-0"	9"	#4 @32" O.C.	#4 @24" O.C.

12 INCH REINFORCED CONCRETE MASONRY WALL

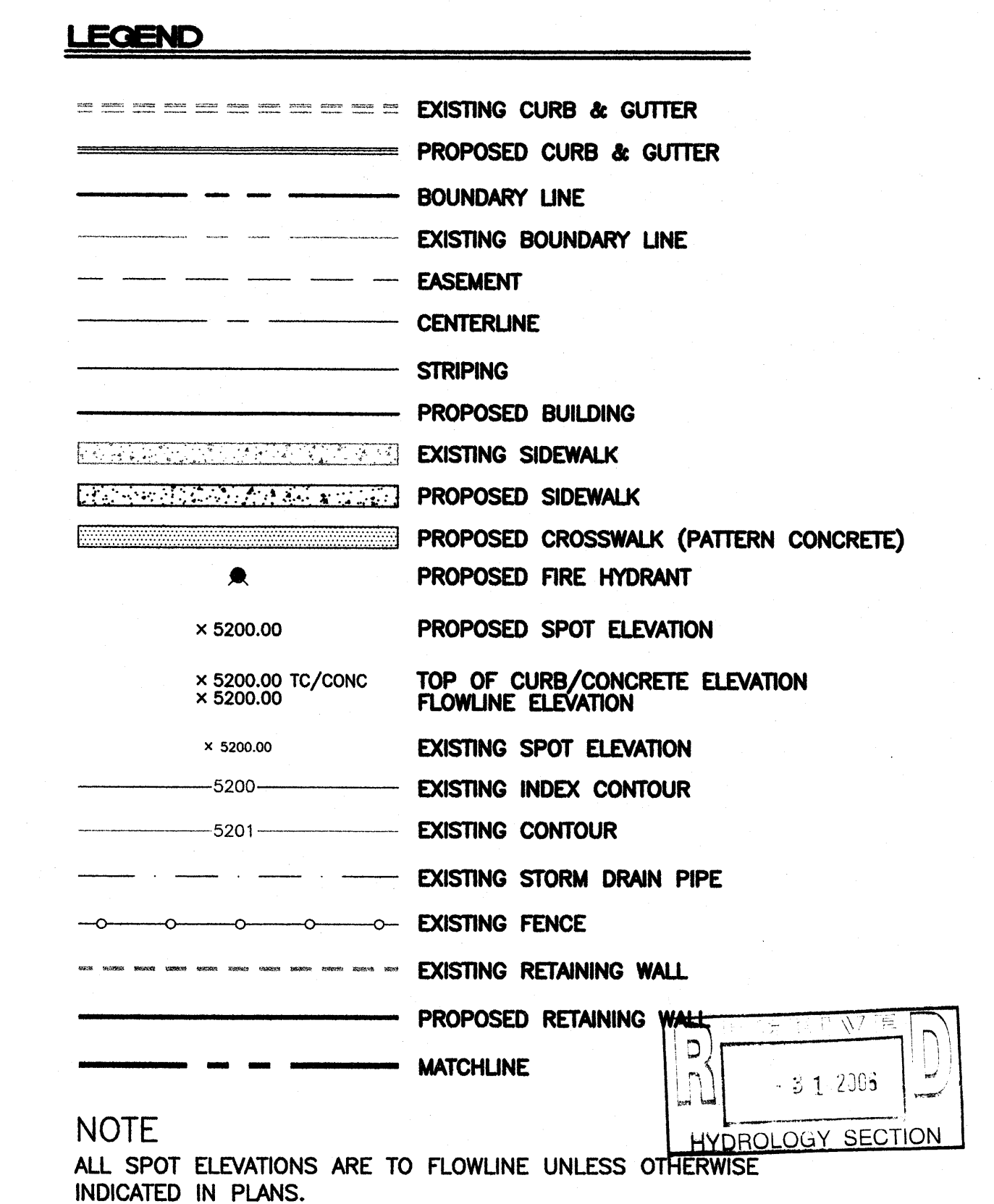
H	A	B	T	Y-BARS	X-BARS
0'-0"	12"	2'-0"	12"	#6 @18" O.C.	#6 @24" O.C.
0'-0"	12"	2'-0"	12"	#6 @18" O.C.	#6 @24" O.C.
0'-0"	12"	2'-0"	12"	#6 @18" O.C.	#6 @24" O.C.
0'-0"	12"	2'-0"	12"	#6 @18" O.C.	#6 @24" O.C.
0'-0"	12"	2'-0"	12"	#6 @18" O.C.	#6 @24" O.C.
0'-0"	12"	2'-0"	12"	#6 @18" O.C.	#6 @24" O.C.
0'-0"	12"	2'-0"	12"	#6 @18" O.C.	#6 @24" O.C.
0'-0"	12"	2'-0"	12"	#6 @18" O.C.	#6 @24" O.C.
0'-0"	12"	2'-0"	12"	#6 @18" O.C.	#6 @24" O.C.
0'-0"	12"	2'-0"	12"	#6 @18" O.C.	#6 @24" O.C.

- GENERAL NOTES:
- ALL CONCRETE IS TO BE 4000 PSI @ 28 DAYS.
 - MINIMUM CONCRETE UNDER FOOTINGS IS TO BE 85K PER ASTM D 1557 FOR A DEPTH OF 12" MOISTURE CONTENT IS TO BE ± 2.0%.
 - BACK FILL AGAINST WALLS IS TO BE HAND-PLACED AND COMPACTED.
 - ALL BARS ARE TO BE GRADE 60, ASTM #15.
 - TRUSS TYPE CURB-WALL EVERY OTHER COURSE.
 - DOWELS SHALL BE AT LEAST EQUAL IN SIZE AND SPACING TO Y-BARS, SHALL PROJECT A MINIMUM OF 30 BAR DIA. INTO THE FILLED BLOCK CORES, AND SHALL EXTEND TO THE TOP OF THE FOOTING.
 - PROVIDE KEY FOR 8" AND 12" WALLS WHERE H EXCEEDS 6'-0".
 - USE OTHER EXPANSION JOINTS ON 20' CENTERS OR PLASTERERS EVERY 15'.
 - BOND BEAM, 1-#4 BARS FOR WALLS UNDER 3'-0", 2-#4 BARS FOR WALLS UNDER 5'-0", 2-#6 BARS FOR WALLS OVER 5'-0".

RETAINING WALL DETAIL
NTS

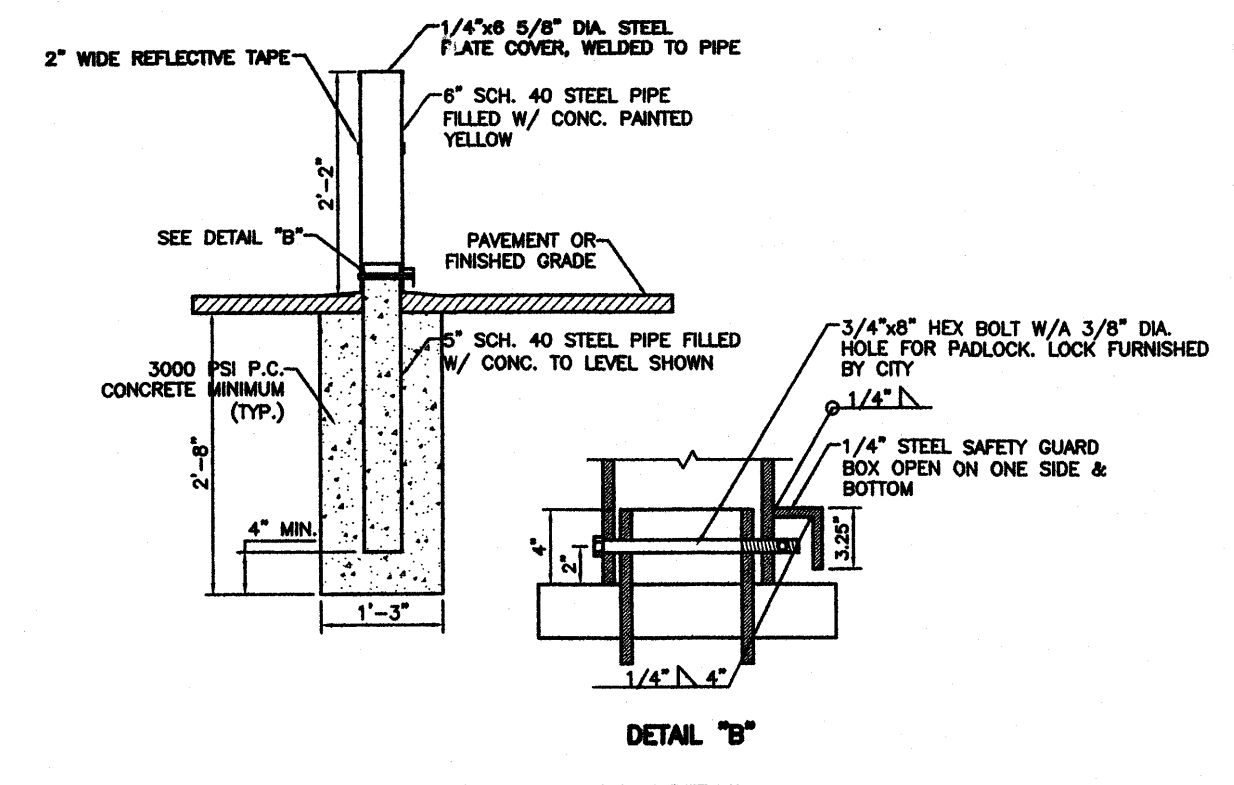
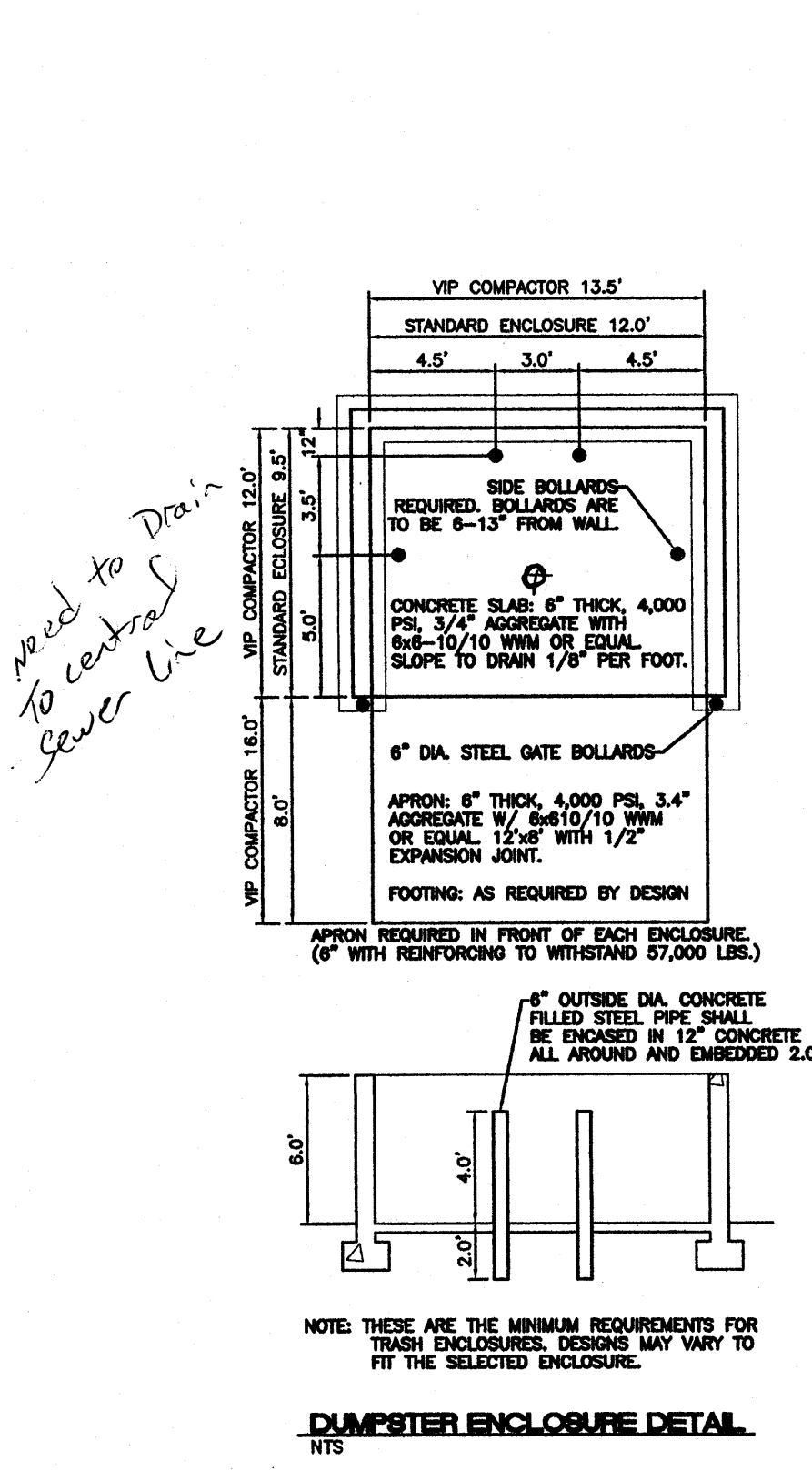


FIRM MAP: 32001C0352E

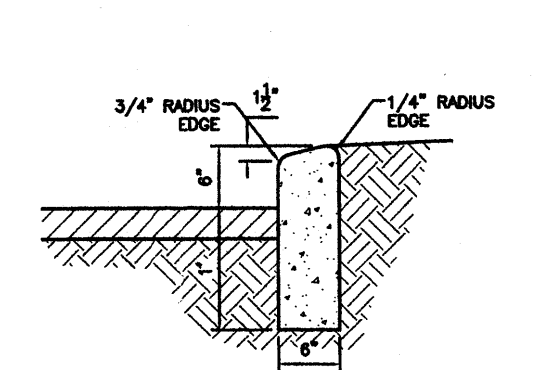


NOTE: ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE INDICATED IN PLANS.

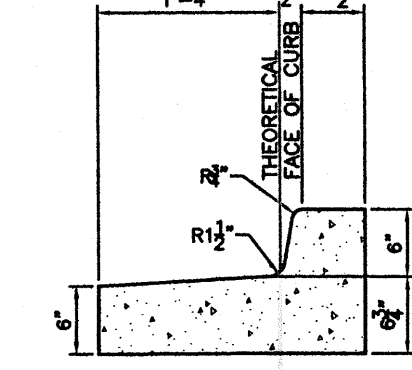
ENGINEER'S SEAL	H. B. HORN YMCA INDIAN SCHOOL ROAD	DRAWN BY PM
	GRADING AND DRAINAGE PLAN	DATE 8-29-06
	TERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100	SHEET # COO1-B
RONALD R. BOHANNAN P.E. #7868		JOB # 26025



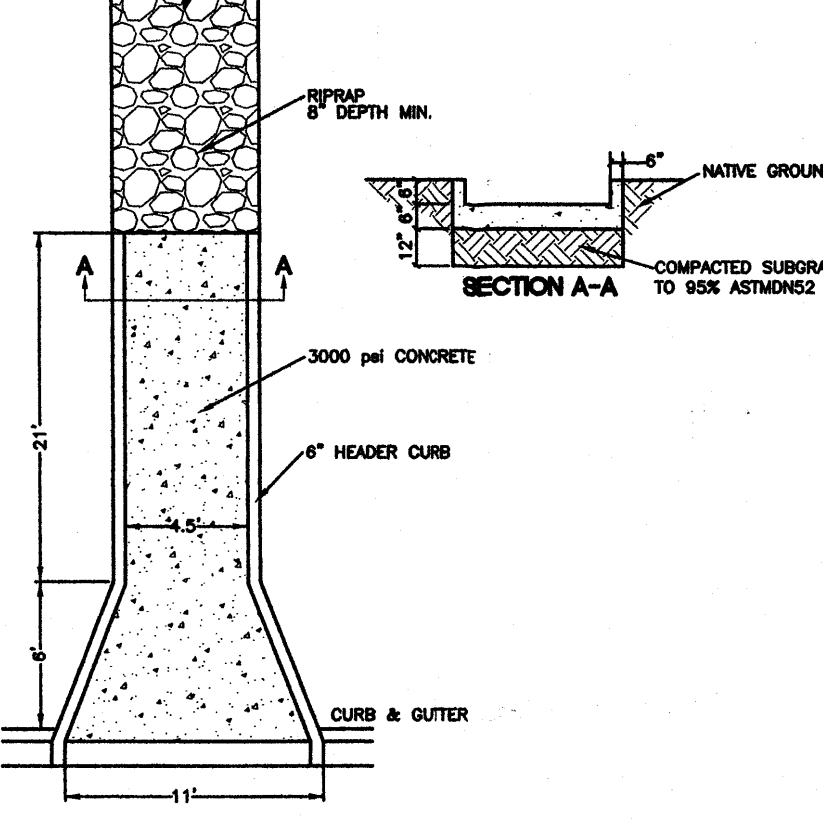
REMOVABLE BOLLARD DETAIL
NTS
REFER TO COA STD DWG #2723



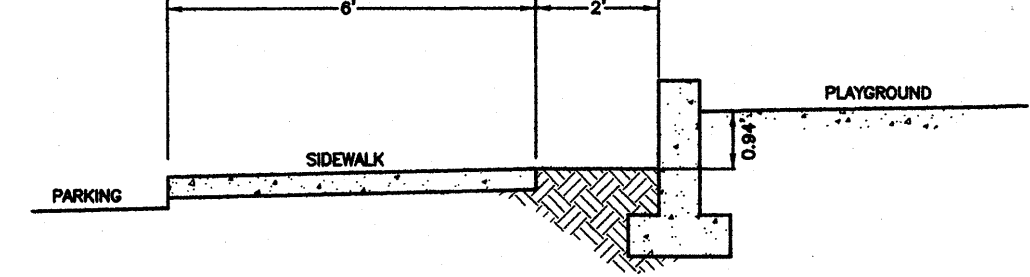
6" HEADER CURB DETAIL
NTS



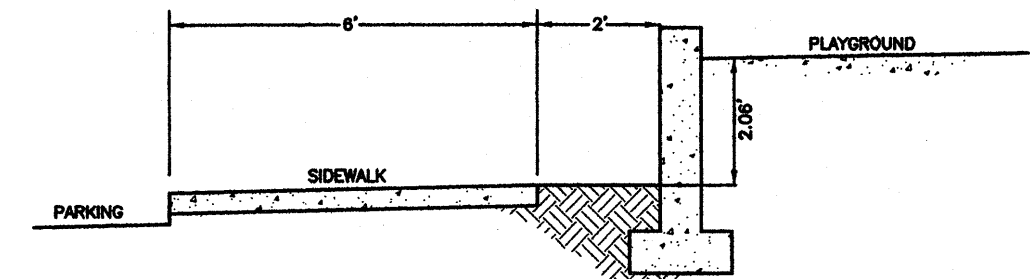
STANDARD CURB / GUTTER
NTS



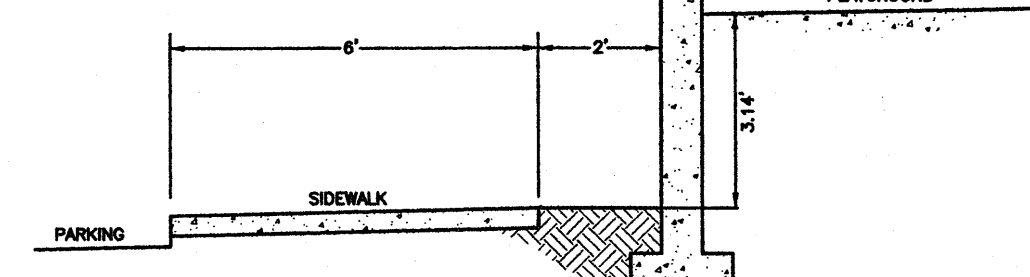
SPILLWAY DETAIL
NTS



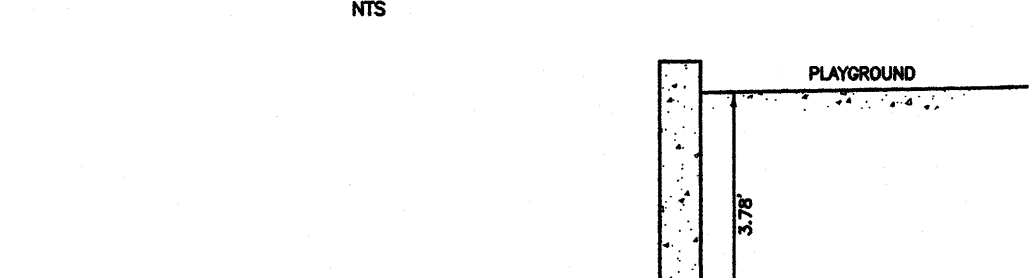
WALL SECTION A-A
NTS



WALL SECTION B-B
NTS



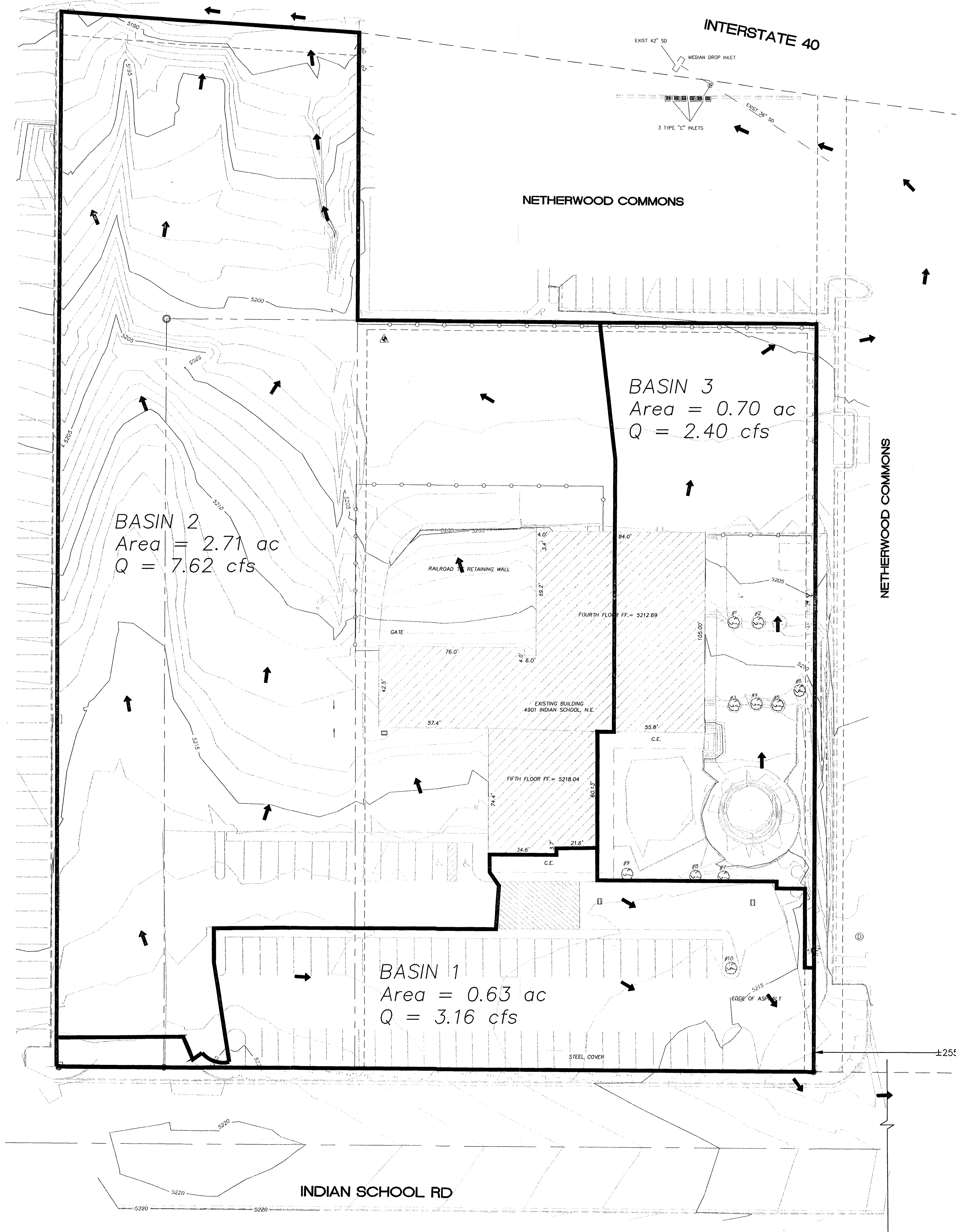
WALL SECTION C-C
NTS



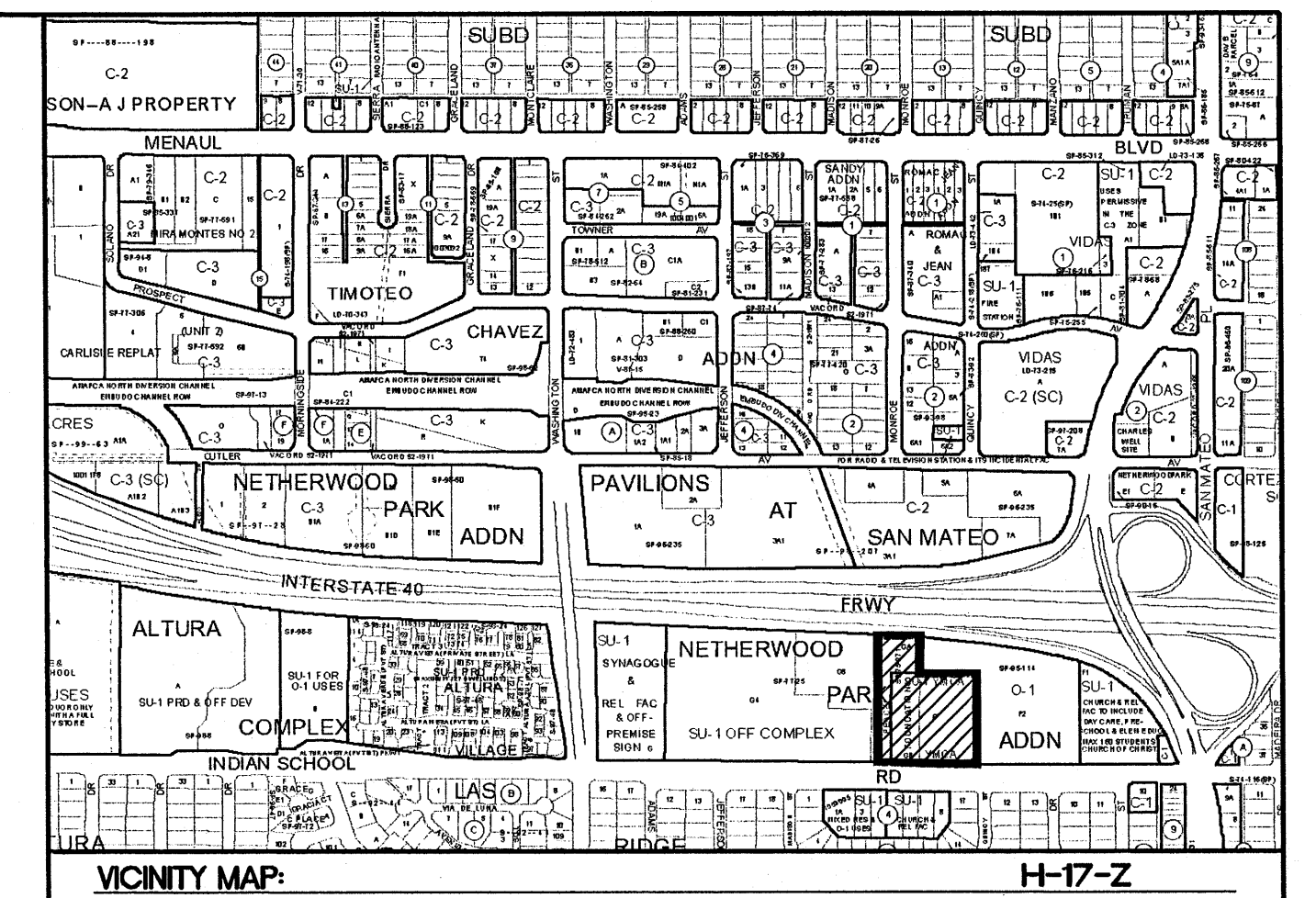
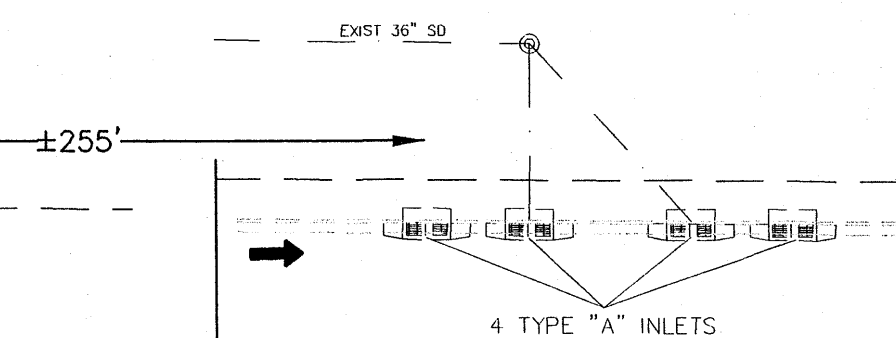
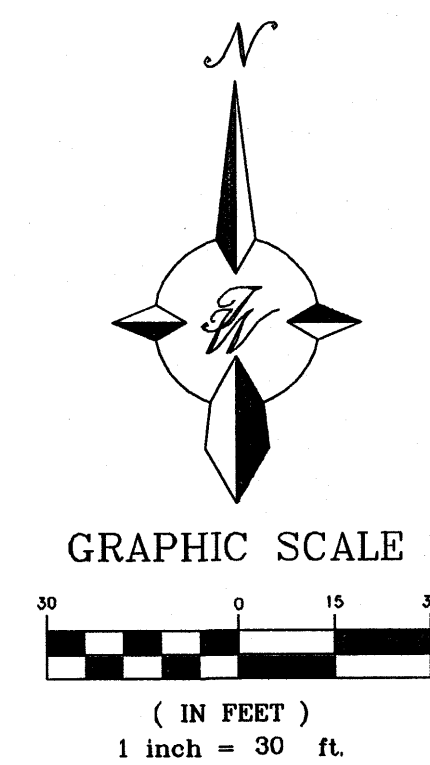
WALL SECTION D-D
NTS

ROUGH GRADING APPROVAL DATE

PINE TREE OFFICE COMPLEX

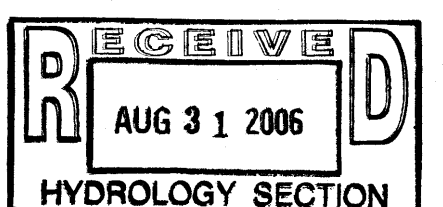


NETHERWOOD COMMONS



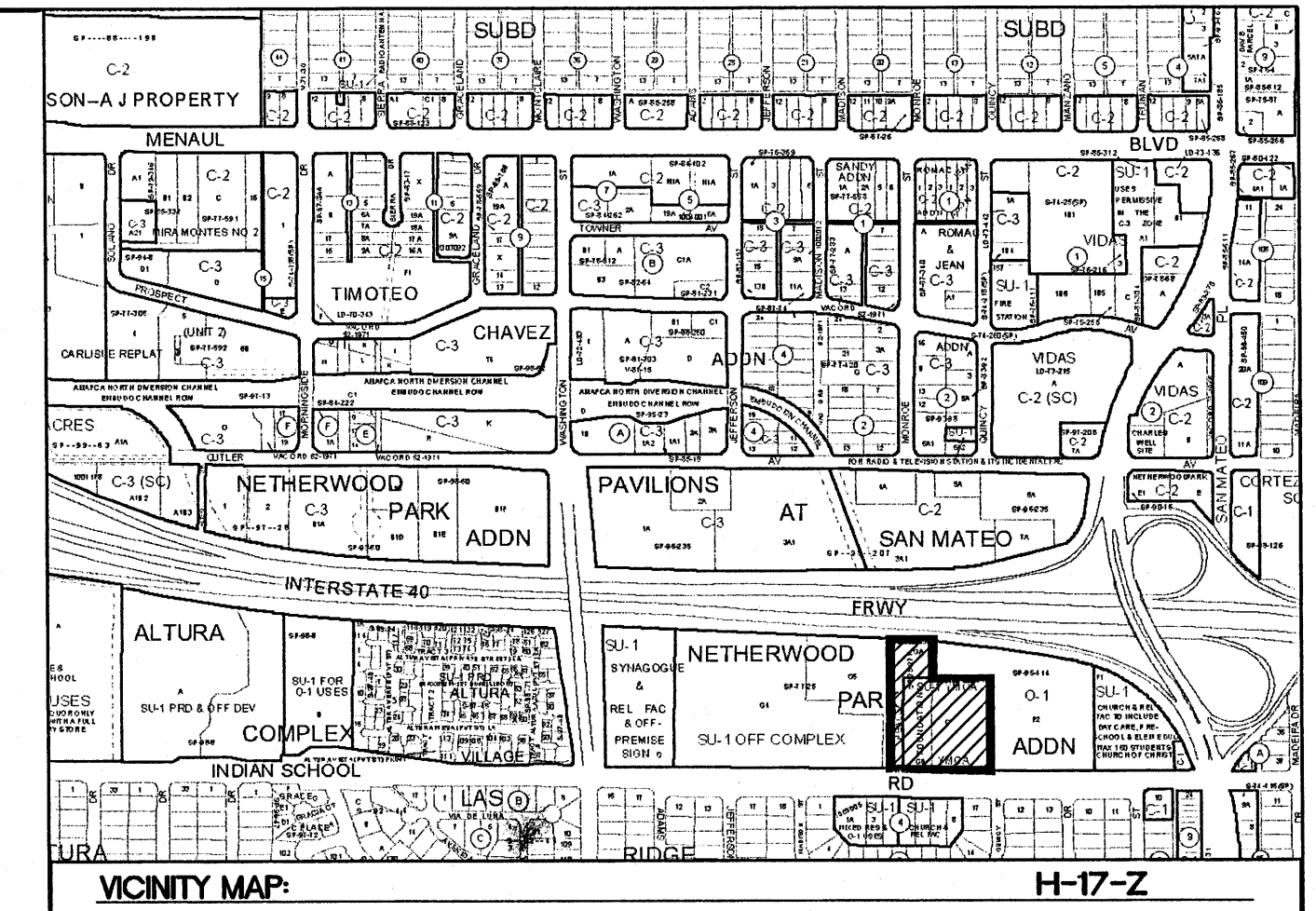
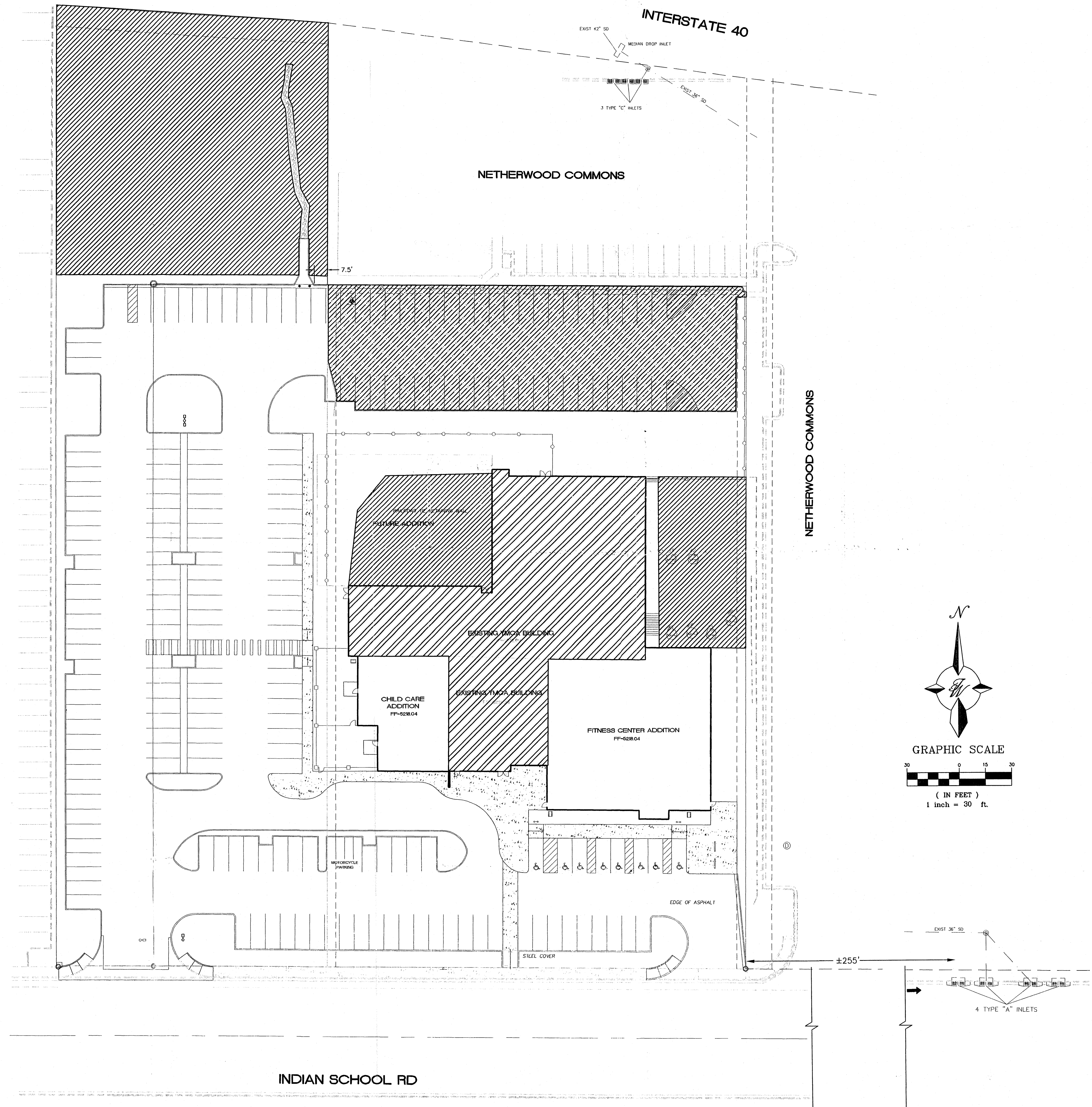
LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- CENTERLINE
- BASIN BOUNDARY
- STRIPING
- EXISTING PROPERTY LINE
- RETAINING WALL



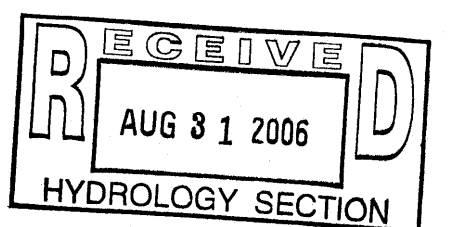
ENGINEER'S SEAL	H. B. HORN YMCA INDIAN SCHOOL ROAD	DRAWN BY MO
	EXISTING BASIN MAP	DATE 8-29-06
RONALD R. BOHANNAN P.E. #7868	TERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100	SHEET # -
		JOB # 26025

PINE TREE OFFICE COMPLEX



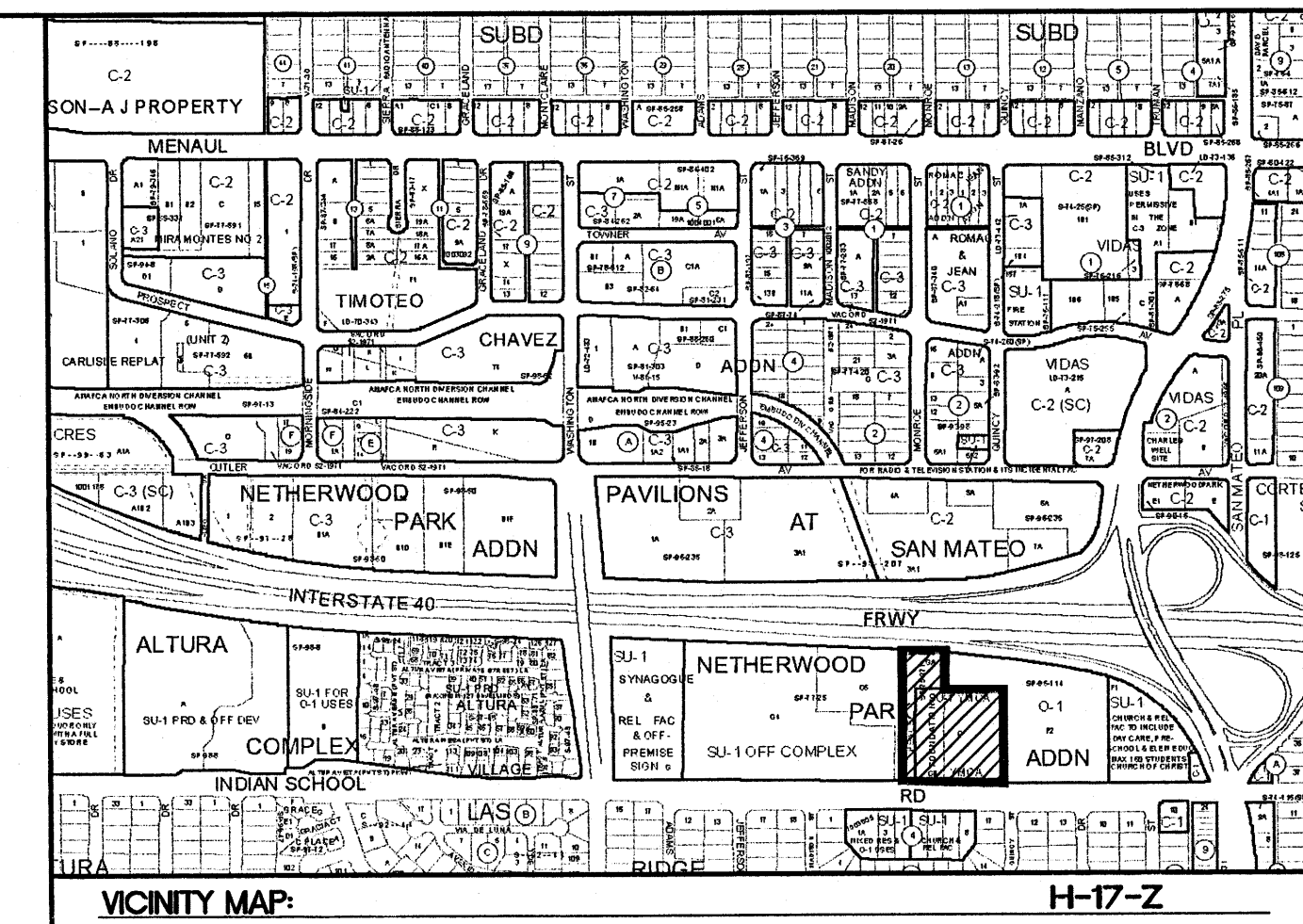
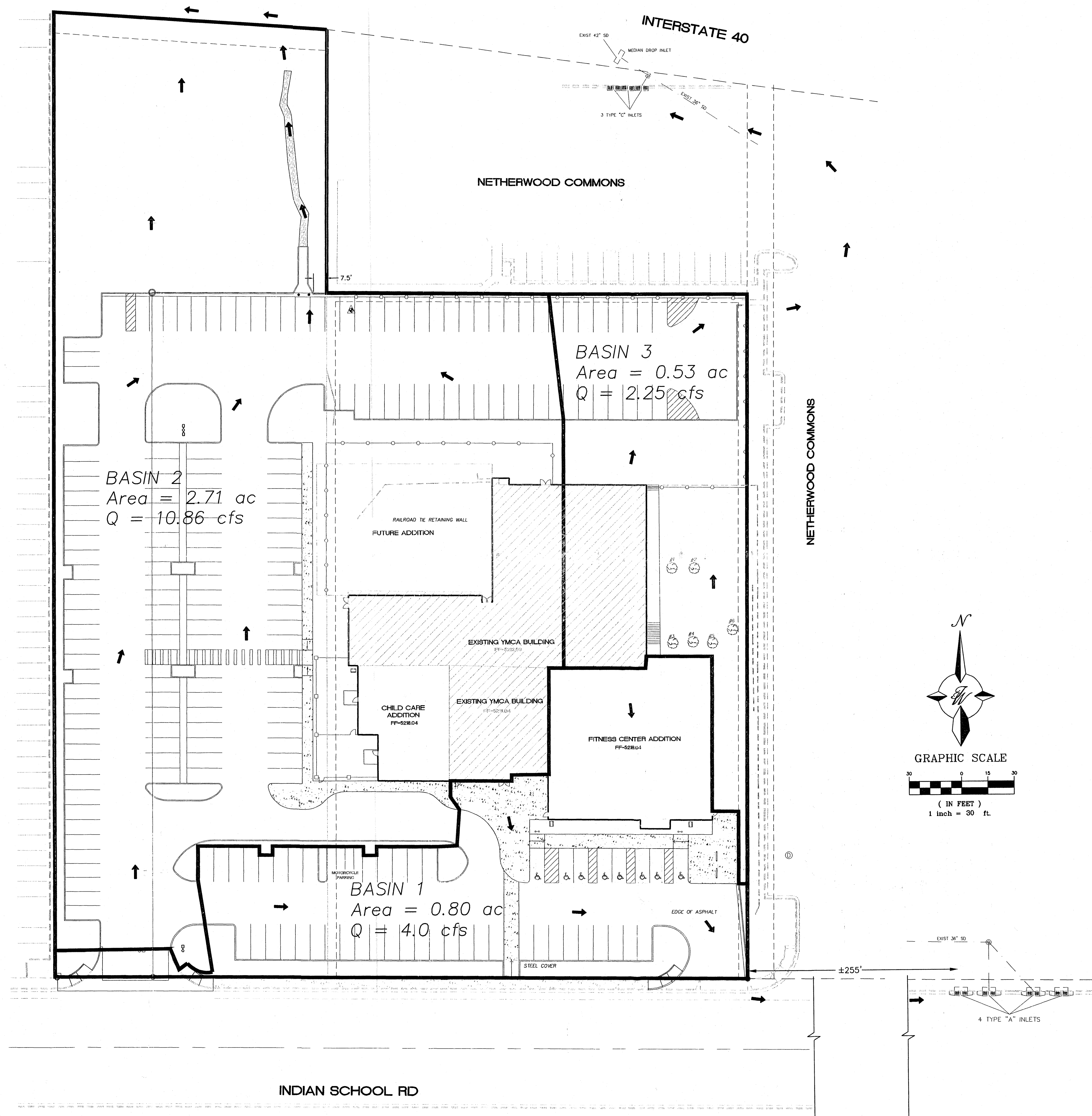
LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- CENTERLINE
- BASIN BOUNDARY
- STRIPING
- PROPOSED BUILDING
- RETAINING WALL
- EXISTING ASPHALT TO REMAIN
- EXISTING BUILDING TO REMAIN
- EXISTING AREAS TO REMAIN



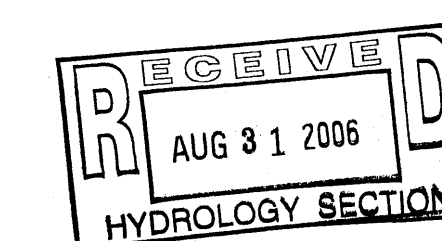
ENGINEER'S SEAL	H. B. HORN YMCA INDIAN SCHOOL ROAD	DRAWN BY MO
	EXISTING AREAS WITHIN PROPOSED DEVELOPMENT	DATE 8-29-06
RONALD R. BOHANNAN P.E. #7868	TERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100	SHEET # -
		JOB # 26025

PINE TREE OFFICE COMPLEX

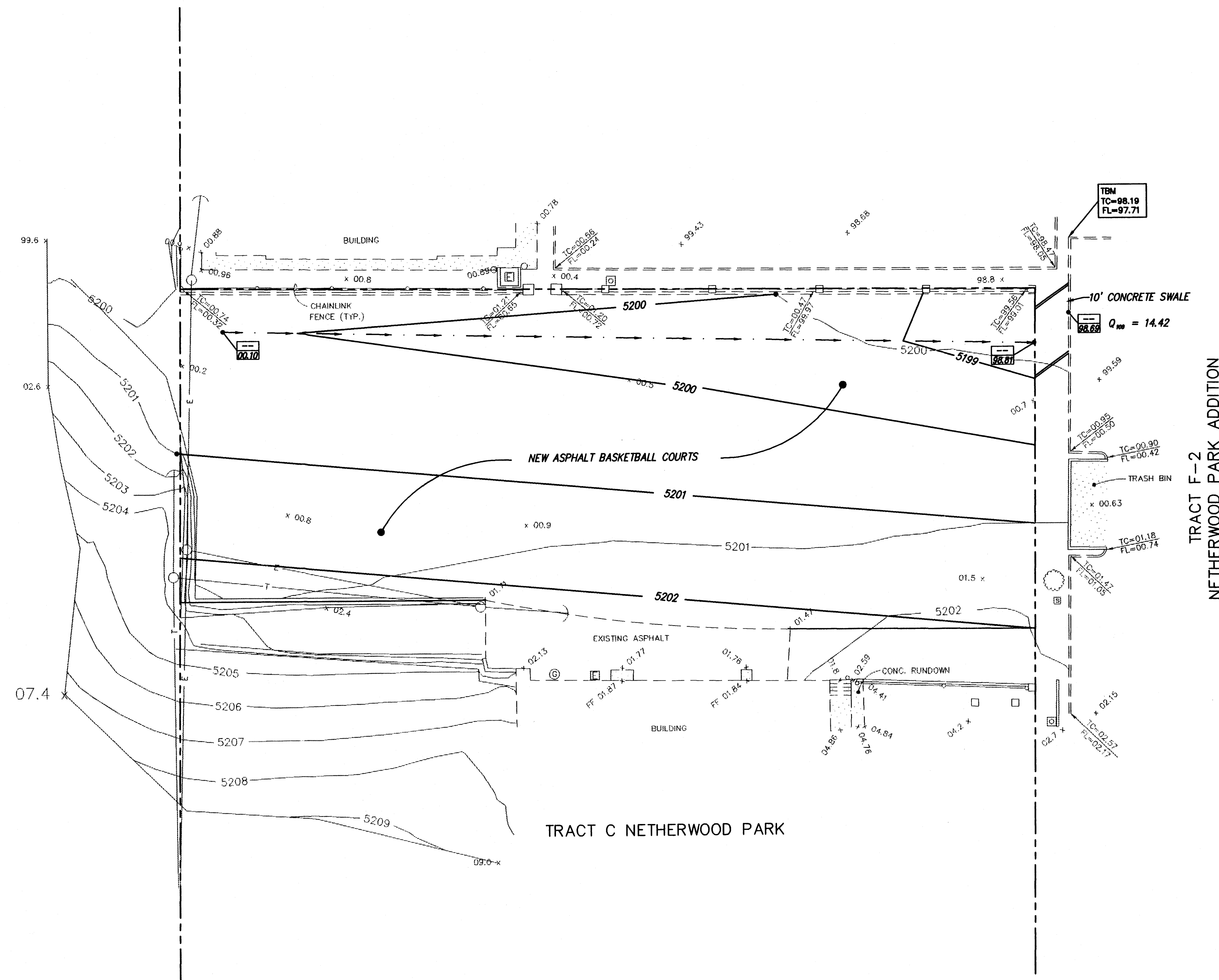


LEGEND

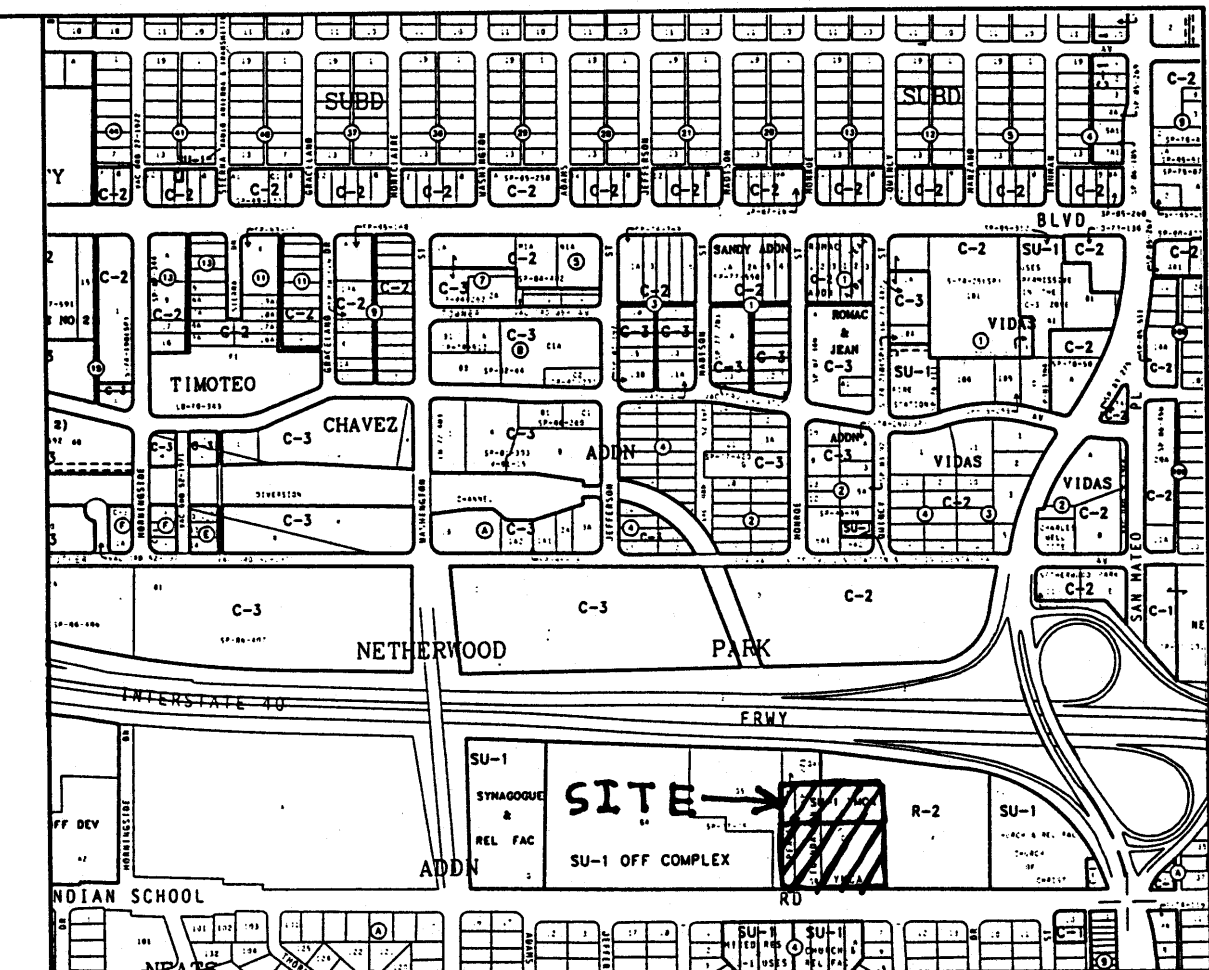
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- CENTERLINE
- BASIN BOUNDARY
- STRIPING
- PROPOSED BUILDING
- EXISTING RETAINING WALL



ENGINEER'S SEAL	H. B. HORN YMCA INDIAN SCHOOL ROAD	DRAWN BY MO
	PROPOSED BASIN MAP	DATE 8-29-06
RONALD R. BOHANNAN P.E. #7868	TERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100	SHEET #
		JOB # 26025



TRACT F-2
NETHERWOOD PARK ADDITION



VICINITY MAP ZONE MAP: H-17-Z

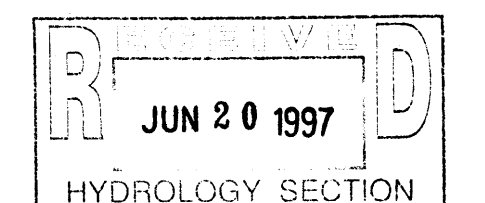
TBM (TEMPORARY BENCHMARK)
TOP OF CURB IN NORTHEAST CORNER OF PROPERTY ELEV.=5198.19

ACS BENCHMARK
STATION IS STANDARD NMSHC DISK, SET IN A CONCRETE POST, FLUSH WITH GROUND AND STAMPED "STA. SAN MATEO E.O.S."
STATION IS 61.4' EAST OF CENTER LINE OF SAN MATEO BLVD. AND 176.0' NORTH OF CENTERLINE OF INDIAN SCHOOL RD., IN THE TRIANGULAR AREA FORMED BY RAMPS LEADING FROM SAN MATEO TO EASTBOUND I-40.
X = 399,537.69 Y = 1,492,669.03 Z = 5214.015

LEGAL DESCRIPTION
TRACT C, NETHERWOOD PARK

NOTES
1. THIS PROJECT ENTAILS THE REMODEL OF EXISTING ASPHALT PAVING AND REPLACEMENT OF NEW ASPHALT PAVING.
2. NO OFFSITE FLOWS IMPACT THIS SITE.

- LEGEND
- PROPOSED FLOWLINE SPOT ELEVATION
 - EXISTING TOP OF CURB AND FLOWLINE SPOT ELEVATION
 - EXISTING SPOT ELEVATION
 - EXISTING CONTOUR
 - PROPOSED CONTOUR
 - PROPERTY LINE
 - PROPOSED FLOW LINE



YMCA BASKETBALL COURTS
GRADING AND DRAINAGE PLAN

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS & SURVEYORS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 345-2010

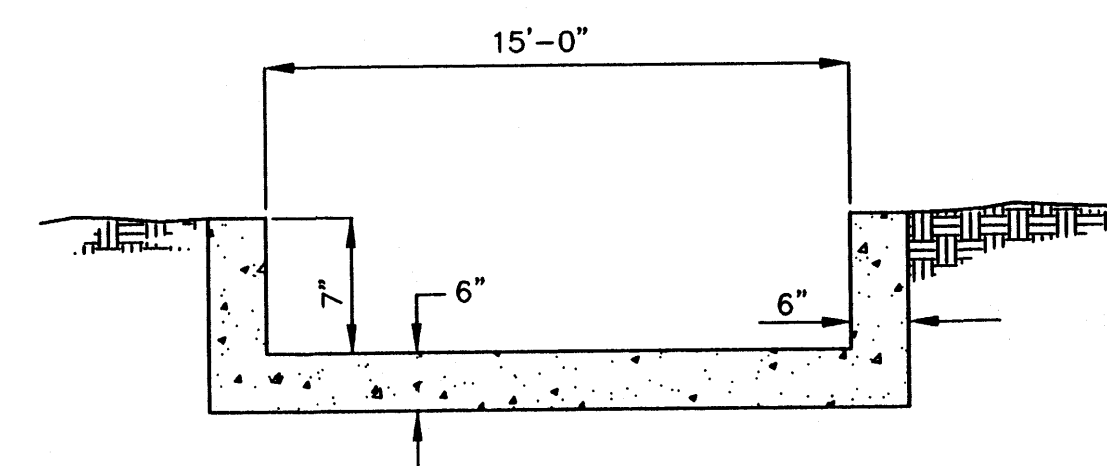
Designed: DMG Drawn: WLV Checked: DMG Sheet 1 of 1
Scale: 1" = 20' Date: 6/97 Job: 96149

DRAINAGE CALCULATIONS

START TIME=0.0
***** HYDROGRAPH FOR YMCA PARKING LOT IMPROVEMENTS
***** INDIAN SCHOOL ROAD WEST OF SAN MATEO
RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
RAIN ONE=2.01 IN RAIN SIX=2.35 IN
RAIN DAY=2.75 IN DT=0.03333 HR
*HYDROGRAPH FOR ENTIRE PROPERTY
*DRAINAGE WILL FLOW INTO PROPERTY TO THE EAST.
COMPUTE NM HYD ID=1 HYD NO=101.1 AREA=0.00566567 SQ MI
PER A=0.00 PER B=30.0 PER C=0.00 PER D=70.0
TP=0.1333 HR MASS RAINFALL=-1
PRINT HYD ID=1 CODE=1
FINISH
AHYMO SUMMARY TABLE (AHYMO194) - AMAFCA Hydrologic Model - January, 1994
RUN DATE (MON/DAY/YR) =06/19/1997 USER NO.= M_GOODWIN.101
INPUT FILE = YMCAPITO.DAT
START TIME= .00

COMMAND	FROM HYDROGRAPH ID IDENTIFICATION NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE
RAINFALL TYPE = 1	101.10	-	1	.00567	14.42	.518	1.71422	1.500
COMPUTE NM HYD								3.977
PAGE = 1								
FINISH								

RAIN6 = 2.350
PER IMP = 70.00



CONCRETE SWALE SECTION
NOT TO SCALE

