

GENERAL CONSTRUCTION NOTES FOR PUBLIC WORKS CONSTRUCTION IN THE CITY OF SCOTTSDALE

- ALL CONSTRUCTION IN THE PUBLIC RIGHTS-OF-WAY OR IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS (M.A.G.) UNIFORM STANDARD SPECIFICATIONS AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION AS AMENDED BY THE LATEST VERSION OF THE CITY OF SCOTTSDALE (C.O.S.) SUPPLEMENTAL STANDARD SPECIFICATIONS AND SUPPLEMENTAL STANDARD DETAILS. IF THERE IS A CONFLICT, THE LATTER SHALL GOVERN.
- THE ENGINEERING DESIGNS ON THESE PLANS ARE ONLY APPROVED BY THE CITY IN SCOPE AND NOT IN DETAIL. IF CONSTRUCTION QUANTITIES ARE SHOWN ON THESE PLANS, THEY ARE NOT VERIFIED BY THE CITY.
- APPROVAL OF PLANS IS VALID FOR SIX (6) MONTHS. IF AN ENCROACHMENT PERMIT FOR THE CONSTRUCTION HAS NOT BEEN ISSUED WITHIN SIX MONTHS, THE PLANS SHALL BE RESUBMITTED TO THE CITY FOR RE-APPROVAL.
- A PUBLIC WORKS INSPECTOR WILL INSPECT ALL WORKS WITHIN THE CITY OF SCOTTSDALE RIGHTS-OF-WAY AND IN EASEMENTS. NOTIFY INSPECTION SERVICES 24 HOURS PRIOR TO STARTING OF CONSTRUCTION (TELEPHONE (480) 312-6750).
- WHENEVER EXCAVATION IS TO BE DONE, CALL THE "BLUE STAKE CENTER," TELEPHONE 602-263-1100, TWO WORKING DAYS BEFORE EXCAVATION IS TO BEGIN. THE CENTER WILL SEE THAT THE LOCATION OF THE UNDERGROUND UTILITY LINES IS IDENTIFIED FOR THE PROJECT. CALL "COLLECT" IF NECESSARY.
- ENCROACHMENT PERMITS ARE REQUIRED FOR ALL WORK IN PUBLIC RIGHTS-OF-WAY AND EASEMENTS GRANTED FOR PUBLIC PURPOSES. AN ENCROACHMENT PERMIT WILL BE ISSUED BY THE CITY UPON RECEIPT OF PAYMENT OF A BASE FEE PLUS A FEE FOR INSPECTION SERVICES TO BE PROVIDED BY THE CITY. COPIES OF ALL PERMITS SHALL BE RETAINED ON SITE AND SHALL BE AVAILABLE FOR INSPECTION AT ALL TIMES. FAILURE TO PRODUCE THE REQUIRED PERMITS WILL RESULT IN IMMEDIATE WORK STOPPAGE UNTIL THE PROPER PERMIT DOCUMENTATION IS OBTAINED.
- ALL EXCAVATION AND GRADING WHICH IS NOT IN THE PUBLIC RIGHTS-OF-WAY OR NOT IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO CHAPTER 70, EXCAVATION AND GRADING, OF THE LATEST EDITION OF THE UNIFORM BUILDING CODE PREPARED BY THE INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS. A PERMIT FOR THIS GRADING MUST BE SECURED FROM THE CITY FOR A FEE ESTABLISHED BY THE UNIFORM BUILDING CODE.
- DUST CONTROL PERMIT REQUIRED PRIOR TO ISSUING PERMIT.
- SIGNS REQUIRE SEPARATE PERMITS AND APPROVALS.
- SWIMMING POOLS REQUIRE SEPARATE PERMITS AND APPROVALS.
- NAOS AREAS ARE REGULATED BY THE LIMITS OF CONSTRUCTION PROTECTION PROGRAM (LOC):
 - NO BUILDING, GRADING, OR CONSTRUCTION ACTIVITY SHALL ENCRONCH ON TO PRIVATE PROPERTY WITHOUT OBTAINING A TEMPORARY CONSTRUCTION EASEMENT(S) FROM THE PROPERTY OWNER, INTO AREAS DESIGNATED AS NAOS, OR OUTSIDE THE DESIGNATED LOC ENVELOPE.
 - ALL EFFECTED RIGHT-OF-WAY LIMITS, ROADWAY EASEMENT LIMITS, INGRESS & EGRESS EASEMENT LIMITS, AND UTILITY EASEMENT LIMITS SHALL BE STAKED AND LABELED ACCORDINGLY AT ONE HUNDRED (100) FOOT INTERVALS WITH A MINIMUM FOUR (4) FOOT STAKE BY A REGISTERED LAND SURVEYOR. ALL STAKING SHALL BE SURVEYED AND PLACED IN THE FIELD PRIOR TO THE START OF CONSTRUCTION.
 - ALL NAOS AND AREAS OUTSIDE OF THE LOC SHALL BE PROTECTED FROM DAMAGE PRIOR TO, AND DURING CONSTRUCTION BY THE FOLLOWING METHODS:
 - A REGISTERED LAND SURVEYOR SHALL STAKE ALL NAOS AND LOC DISTURBANCE.
 - +/THREE (3) FOOT TALL STEEL REBAR, OR CITY OF SCOTTSDALE INSPECTION SERVICES APPROVED SIMILAR, SHALL BE SET ALONG THE NAOS AND LOC, AND CONNECTED WITH GOLD ROPING BY THE CONTRACTOR PRIOR TO ANY CLEARING OR GRADING.
 - ALL CACTUS SUBJECT TO THE CITY OF SCOTTSDALE'S NATIVE PLANT ORDINANCE DIRECTLY ADJACENT, WITHIN TWO FEET, OF THE NAOS AND LOC LINE SHALL BE FENCED WITH WIRE FENCING TO PREVENT DAMAGE.
 - THE STAKING, ROPING, AND FENCING SHALL BE MAINTAINED INTACT BY THE CONTRACTOR DURING THE DURATION OF THE CONSTRUCTION ACTIVITY.
 - THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO PROTECT ALL PLANT VEGETATION OUTSIDE OF THE LOC AND ANY NATIVE PLANT VEGETATION. THE CONTRACTOR SHALL CONSULT THE CITY OF SCOTTSDALE'S INSPECTION SERVICES DIVISION PRIOR TO ANY DISTURBANCE THAT MAY EXCEED LOC OR NATIVE PLANTS.
 - PLANT VEGETATION DESTROYED OR DAMAGED OUTSIDE THE LOC, AND ANY NATIVE PLANT VEGETATION DESTROYED OR DAMAGED NOT APPROVED BY THE CITY OF SCOTTSDALE, SHALL BE REPLACED IN LIKE SIZE, TYPE, AND QUANTITY PRIOR TO THE ISSUANCE OF THE CITY OF SCOTTSDALE'S LETTER OF ACCEPTANCE OR CERTIFICATE OF OCCUPANCY TO THE SATISFACTION OF THE CITY OF SCOTTSDALE'S INSPECTION SERVICES STAFF.
 - THE CONTRACTOR SHALL REMOVE STAKING, ROPING, AND FENCING AFTER RECEIPT OF THE LETTER OF ACCEPTANCE OR CERTIFICATE OF OCCUPANCY FROM THE CITY OF SCOTTSDALE FOR ALL CONSTRUCTION WORK.

ATWELL-HICKS ENGINEERING NOTES

- THE CONTRACTOR SHALL VERIFY WITH THE DEVELOPER'S ENGINEER THAT HE HAS THE MOST CURRENT SET OF CONSTRUCTION PLANS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND KEEP THE APPROVED SET OF PLANS ON SITE FROM START OF CONSTRUCTION TO PROJECT COMPLETION. ANY CONSTRUCTION OR INSTALLATION BASED ON OUT OF DATE PLANS SHALL BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- THESE PLANS ARE SUBJECT TO THE INTERPRETATION OF INTENT BY THE ENGINEER. ANYONE WHO TAKES UPON HIMSELF THE INTERPRETATION OF THE DRAWINGS OR MAKES REVISIONS TO SAME WITHOUT CONSULTING WITH THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE CONSEQUENCES THEREOF.
- THE ENGINEER MAKES NO GUARANTEE THIS PROJECT HAS AN EARTHWORK BALANCE. THE CONTRACTOR SHALL VERIFY THE PROJECT BENCH MARK AND EXISTING TOPOGRAPHY TO MAKE HIS OWN ESTIMATE OF EARTHWORK QUANTITIES. THE CONTRACTOR SHALL IMPORT OR EXPORT SOIL AS REQUIRED TO PROVIDE AN EARTHWORK BALANCE AT NO EXTRA COST TO THE PROJECT.
- THE CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS SPECIFIED IN THE GEOTECHNICAL INVESTIGATION.
- THE CLIENT AND CONTRACTOR ASSUMES ALL RESPONSIBILITY AND COSTS INCURRED IF THEY ELECT TO LANDSCAPE RETENTION BASINS BEFORE THE REQUIRED RETENTION VOLUMES HAVE BEEN CERTIFIED BY THE ENGINEER.
- QUANTITIES LISTED ON THESE PLANS ARE ESTIMATES ONLY. THE CONTRACTOR'S SHALL VERIFY ALL QUANTITIES BEFORE SUBMITTING A BID FOR THIS WORK.
- THE ENGINEER MAKES NO GUARANTEE REGARDING THE LOCATION OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS. THE CONTRACTOR SHALL CALL BLUE STAKE PRIOR TO CONSTRUCTION AND VERIFY THE PRESENCE OF, AND SHALL PROTECT, ANY OVERHEAD OR UNDERGROUND UTILITIES DURING CONSTRUCTION, WHETHER OR NOT SAID UTILITIES ARE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS TO LOCATE UNDERGROUND UTILITIES AND / OR STRUCTURES IF NECESSARY TO VERIFY UNDERGROUND UTILITIES. WHERE EXISTING UNDERGROUND UTILITIES ARE EXPOSED, CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANY FOR INSPECTION PRIOR TO BACKFILLING.
- THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATIONS OF ALL POINTS OF CONNECTION PRIOR TO DIGGING BEYOND THE POINT OF CONNECTION.
- THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE PROJECT ENGINEER AT LEAST TWO WORKING DAYS PRIOR TO ANY REQUIRED STAKING OR RESTAKING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING ALL STAKES AND CONTROL SET BY THE OWNER'S SURVEYOR.
- THE CONTRACTOR SHALL OBTAIN PERMISSION FROM THE OWNER'S "ENGINEER OF RECORD" BEFORE BACKFILLING WATER, SEWER, RE-CLAIMED WATER MAINLINE OR SERVICE LINES TO ENSURE ALL HEALTH DEPARTMENT INSPECTIONS AND TESTING HAS BEEN COMPLETED. NO UNDERGROUND WATER, SEWER OR RE-CLAIMED WATER MAINLINE OR SERVICES SHALL BE BACKFILLED UNTIL AS-BUILT HORIZONTAL AND VERTICAL LOCATIONS HAVE BEEN OBTAINED.
- UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL PROVIDE FOR AND COORDINATE ALL QUALITY TESTING FOR THE PROJECT AS REQUIRED BY ALL PERMITTING AGENCIES.

IMPROVEMENT PLANS FOR SCOTTSDALE FIRST ASSEMBLY PHASE 2B SCOTTSDALE, ARIZONA

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 25
T 5 N, R 4 E OF THE GILA & SALT RIVER MERIDIAN,
MARICOPA COUNTY, ARIZONA

APPROXIMATE ONSITE QUANTITIES	
6" CURB PER MAG 222-A	471 LF
6" CURB & GUTTER PER MAG 220-A	109 LF
3" VALLEY GUTTER PER MAG 240	72 SF
INSTALL 2.5" AC D1/2 OVER 4" AB	753 SY
INSTALL 6" CONCRETE PAVT TO MATCH EXISTING	546 SF
CURB TERMINATION PER MAG 222	2 EA
HORIZONTAL SAWCUT 4" CURB OPENING	2 EA
SIDEWALK SCUPPER; TOP FLUSH W/ SW GRADE;	2 EA
SEE ARCHITECT PLANS FOR DETAIL	
GABION WALL; SEE DETAIL SHEET C1.4; ROCK SHALL BE 5" TO 8"	1320 SF
DIA BROKEN ROCK (TO MATCH EXISTING ONSITE)	
6" ADS N-12 HDPE DRAIN PIPE	132 LF
6" ADS N-12 HDPE DRAIN PIPE	65 LF
12" ADS N-12 HDPE DRAIN PIPE	84 LF
12" X 12" ADS GRATED INLET; PEDESTRIAN RATED	6 EA
PARKING STALL STRIPING; 4" SOLID WHITE	1 EA
ADA STRIPING & MARKING	1 EA
ADA ACCESSIBLE SIGNS PER COS DEL 2124	2 EA
TRASH ENCLOSURE PER C.O.S. STD DTL 2147.1 & GATE	1 EA
3" CURB OPENING FOR PARKING LOT DRAINAGE	1 EA
SITE ROCK EROSION CONTROL; NATIVE INDIGENOUS STONE	75 SF
6 INCH DIP CLASS 350 FIRE LINE; POLYETHYLENE WRAPPED	70 LF
6 INCH SDR-35 PVC SEWER SERVICE LINE	28 LF
CONNECT TO SEWER STUB; CONTRACTOR TO FIELD VERIFY EX. INVERT	1 EA
2.5 INCH TYPE K COPPER WATERLINE	71 LF
WATER METER BOX PER MAG STD DTL 320; WATER SERVICE PER	1 EA
COS STD DTL 2330; BACKFLOW PREVENTER PER COS STD DTL 2354	
SAWCUT EXISTING ASPHALT OR CONCRETE	179 LF
REMOVE EXISTING PAVT.	162 SY
REMOVE CONCRETE CURB	135 LF

LEGEND EXISTING

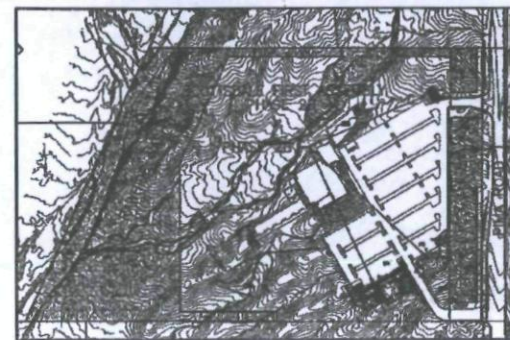
- FOUND CORNER AS NOTED
- PROPERTY LINE
- ⊙ WATER VALVE (WV)
- ⊙ FIRE HYDRANT (FH)
- SEWER MANHOLE (SSMH)
- STREET SIGN
- TELEPHONE RISER (TR)
- ⊙ ELECTRIC METER (EM)
- ⊙ LIGHT POLE (LP)
- STORM DRAIN PIPE
- W WATER LINE
- SS SANITARY SEWER LINE
- E ELECTRIC LINE
- T TELEPHONE LINE
- G GAS LINE

PROPOSED

- C CONCRETE
- FG FINISHED GRADE
- F FLOW LINE
- G GUTTER
- GB GRADE BREAK
- GC GRADE CHANGE
- GR INLET GRATE
- INV INVERT
- P PAVEMENT
- TC TOP OF CURB
- TW TOP OF WALL
- TRW TOP OF RETAINING WALL
- ⊙ FIRE HYDRANT
- ⊙ WATER VALVE
- MANHOLE
- CLEANOUT
- DRAINAGE DIRECTION
- 1510 PROPOSED CONTOUR
- STORM DRAIN PIPE
- ADA ACCESSIBLE ROUTE

FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

COMMUNITY NUMBER	PANEL #	SUFFIX	DATE OF FIRM (INDEX DATE)	FLOOD ZONE	BASE FLOOD ELEV. (IN AD ZONE, USE DEPTH)
045012	1235	G	09/30/05	X	N/A



KEY MAP

SCALE: 1" = 300'

EARTHWORK QUANTITIES

THE CUT/FILL QUANTITIES ARE THE ENGINEER'S ESTIMATE AND ARE SUBJECT TO VERIFICATION BY THE CONTRACTOR. THE GRID METHOD WAS USED TO ESTIMATE THE QUANTITIES.

CUT = 1,005 CY
FILL = 850 CY
NET = 155 CY (CUT)

LEGAL DESCRIPTION

FROM CAPITAL TITLE AGENCY INC. ORDER NO. 77010019,

THE NORTH HALF OF THE SOUTHEAST QUARTER OF SECTION 25, TOWNSHIP 5 NORTH, RANGE 4 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY ARIZONA;

EXCEPT THAT PORTION DESCRIBED AS FOLLOWS: BEGINNING AT THE CENTER OF SAID SECTION 25;

THENCE EASTERLY ALONG THE NORTH LINE OF SAID SOUTHEAST QUARTER A DISTANCE OF 1738.00 FEET;

THENCE SOUTHWESTERLY TO A POINT ON THE SOUTH LINE OF SAID NORTH HALF OF THE SOUTHEAST QUARTER, WHICH LIES 1145.00 FEET EAST OF THE SOUTHWEST CORNER OF THE NORTH HALF OF THE SAID SOUTHEAST QUARTER;

THENCE WESTERLY ALONG SAID SOUTH LINE, 1145.00 FEET TO THE SOUTHWEST CORNER OF SAID NORTH HALF OF THE SOUTHEAST QUARTER;

THENCE NORTHERLY ALONG SAID WEST LINE OF SAID NORTH HALF OF THE SOUTHEAST QUARTER A DISTANCE OF 1320.00 FEET, MORE OR LESS, TO THE POINT OF BEGINNING;

AND EXCEPT THE NORTH 448.17 FEET OF THE FOLLOWING DESCRIBED PARCEL:

THE NORTH HALF OF THE SOUTHEAST QUARTER OF SECTION 25, TOWNSHIP 5 NORTH, RANGE 4 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY ARIZONA; EXCEPT THAT PORTION DESCRIBED AS FOLLOWS:

BEGINNING AT THE CENTER OF SAID SECTION 25;

THENCE EASTERLY ALONG THE NORTH LINE OF SAID SOUTHEAST QUARTER A DISTANCE OF 1738.00 FEET;

THENCE SOUTHWESTERLY TO A POINT ON THE SOUTH LINE OF SAID NORTH HALF OF THE SOUTHEAST QUARTER, WHICH LIES 1145.00 FEET EAST OF THE SOUTHWEST CORNER OF THE NORTH HALF OF THE SAID SOUTHEAST QUARTER;

THENCE WESTERLY ALONG SAID SOUTH LINE, 1145.00 FEET TO THE SOUTHWEST CORNER OF SAID NORTH HALF OF THE SOUTHEAST QUARTER;

THENCE NORTHERLY ALONG WEST LINE OF SAID NORTH HALF OF THE SOUTHEAST QUARTER A DISTANCE OF 1320.00 FEET, MORE OR LESS, TO THE POINT OF BEGINNING;

AND ALSO EXCEPT ALL MINERALS AND ALL URANIUM, THORIUM OR ANY OTHER MATERIAL WHICH IS OR MAY BE DETERMINED TO BE PECULIARLY ESSENTIAL TO THE PRODUCTION OF FISSIONABLE MATERIALS AS RESERVED BY THE UNITED STATES OF AMERICA IN DOCKET 1415, PAGE 212.

GENERAL ONSITE NOTES

- ALL CONCRETE SHALL BE INTEGRALLY COLORED "SAN DIEGO BUFF" TO MATCH EXISTING, AND ALL DRAINAGE APPLICATIONS WILL BE COLORED "ADOBE DAVIS" TO MATCH EXISTING.
- SEE ARCHITECTURAL PLANS FOR APPLICABLE ADA NOTES AND DETAILS.
- DRAINAGE SPILL WAYS WILL HAVE NATIVE INDIGENOUS STONE TO MATCH EXISTING PER LANDSCAPE ARCHITECT'S DETAILS.

SHEET INDEX

COVER SHEET	C1.1
SITE UTILITY PLAN	C1.2
GRADING PLAN	C1.3
GRADING SECTIONS AND ELEVATIONS	C1.4
STORM WATER POLLUTION PREVENTION PLAN	C1.5-C1.6
NAOS PLAN	C1.7
UTILITY DETAIL	C1.8

ZONING

R1-190, E.S.L. F.O.

SITE INFO

APN# 216-70-008-A
NET AREA: 24.71 AC. (1,076,392 SF)

DEVELOPER

SCOTTSDALE FIRST ASSEMBLY
28700 NORTH PIMA ROAD
SCOTTSDALE, ARIZONA 85262
PHONE: (480) 367-8182
FAX: (480) 348-7984

ARCHITECT

DeBARTOLO ARCHITECTS
4450 NORTH 12TH STREET, SUITE 268
PHOENIX, ARIZONA 85014
PHONE: (602) 264-6617
FAX: (602) 264-0891

ENGINEER

ATWELL-HICKS DEVELOPMENT CONSULTANTS
4700 E SOUTHERN AVE
MESA, ARIZONA 85206
PHONE: (480) 218-8831
FAX: (480) 830-4888

THE ENGINEER OF RECORD ON THESE PLANS HAS RECEIVED A COPY OF THE APPROVED STIPULATIONS FOR THIS PROJECT AND HAS DESIGNED THESE PLANS IN CONFORMANCE WITH THE APPROVED STIPULATIONS.

BENCHMARKS (C.O.S. DATUM NAVD '88)

BRASS CAP FLUSH, SOUTHEAST CORNER SECTION 25, T5N, R4E
ELEVATION = 2276.320 COS NAVD '88
INTERSECTION OF PIMA RD AND DYNAMITE BLVD

I HEREBY CERTIFY THAT ALL ELEVATIONS REPRESENTED ON THIS PLAN ARE BASED ON THE ELEVATION DATUM FOR THE CITY OF SCOTTSDALE BENCHMARKS AS PROVIDED ABOVE.

ENGINEER'S CERTIFICATION

THE FINISHED FLOOR ELEVATION(S) AND/OR FLOODPROOFING ELEVATION(S) ON THIS PLAN ARE SUFFICIENTLY HIGH TO PROVIDE PROTECTION FROM FLOODING CAUSED BY A ONE-HUNDRED-YEAR STORM AND ARE IN ACCORDANCE WITH CITY OF SCOTTSDALE REVISED CODE, CHAPTER 37, "FLOODWAYS AND FLOODPLAIN" ORDINANCE.

NOTE:
QUANTITIES ARE PROVIDED ONLY BECAUSE THE CITY OF SCOTTSDALE REQUIRES THEM TO BE LISTED. THEY ARE APPROXIMATE ONLY AND NOT TO BE RELIED UPON FOR BIDDING. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ALL QUANTITIES.

"AS-BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE "RECORD DRAWING" MEASUREMENTS AS SHOWN HEREON WERE MADE UNDER MY SUPERVISION OR AS NOTED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR

DATE

REGISTRATION NUMBER

NO CONFLICT SIGNATURE BLOCK

TYPE OF UTILITY	COMPANY NAME	NAME OF COMPANY REP	TELEPHONE NUMBER	DATE SIGNED
WATER	CITY OF SCOTTSDALE	WATER & SEWER	N/A	N/A
SANITARY SEWER	CITY OF SCOTTSDALE	WATER & SEWER	N/A	N/A
ELECTRIC	ARIZONA PUBLIC SERVICE	SCOTT TIMAR	602-493-4421/01/27/09	
TELEPHONE	QWEST	JOHN ODELL	602-630-0498/01/17/09	
GAS	SOUTHWEST GAS	NORMA JARON	480-740-3857/12/16/08	
CABLE TV	COX COMMUNICATIONS	TRAVIS CURRY	623-328-3519/01/05/09	

ENGINEER'S CERTIFICATION

I, JARED COX, being the person responsible for designing the facilities necessary to serve this development, hereby certify that all of the utility companies listed above, have reviewed this project proposal and all conflicts have been resolved at this point. No Conflict Forms have been obtained from each utility company and are included in this submittal. I also certify that all on-site transformers, cable boxes and any other public/private utility appurtenances are placed such that they do not negatively impact the use or intended use of any dedicated easements or facilities developed with this project including but not limited to stormwater storage basins, sight distance easements and NAOS or other open space easements.

SIGNATURE *Jared Cox*

3/3/09

DATE

BUILDING REVIEW

ELECTRICAL	
MECHANICAL	
PLUMBING	
BUILDING	

CITY OF SCOTTSDALE

REVIEW & RECOMMENDED APPROVAL BY:

PAVING	L. Lantz 3-5-09	TRAFFIC	N/A
G & D	J. Lantz 3-5-09	LS & P	J. Lantz 3-5-09
PRINCE	L. Lantz 3-5-09	FIRE	J. Lantz 3-5-09
W & S			
	<i>Joseph A. Morris</i>	3/5/09	
	Engineering Coordination Manager (or Designee)		

construction documents

C1.1

COVER SHEET

sta
PHASE 2B CHAPEL

scottsdale first assembly
28700 north pima road
scottsdale, arizona 85262



december 2009

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DeBARTOLO architects

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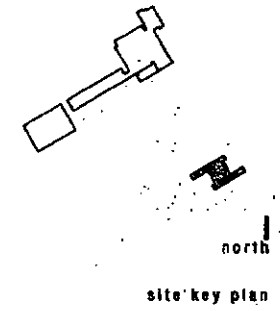
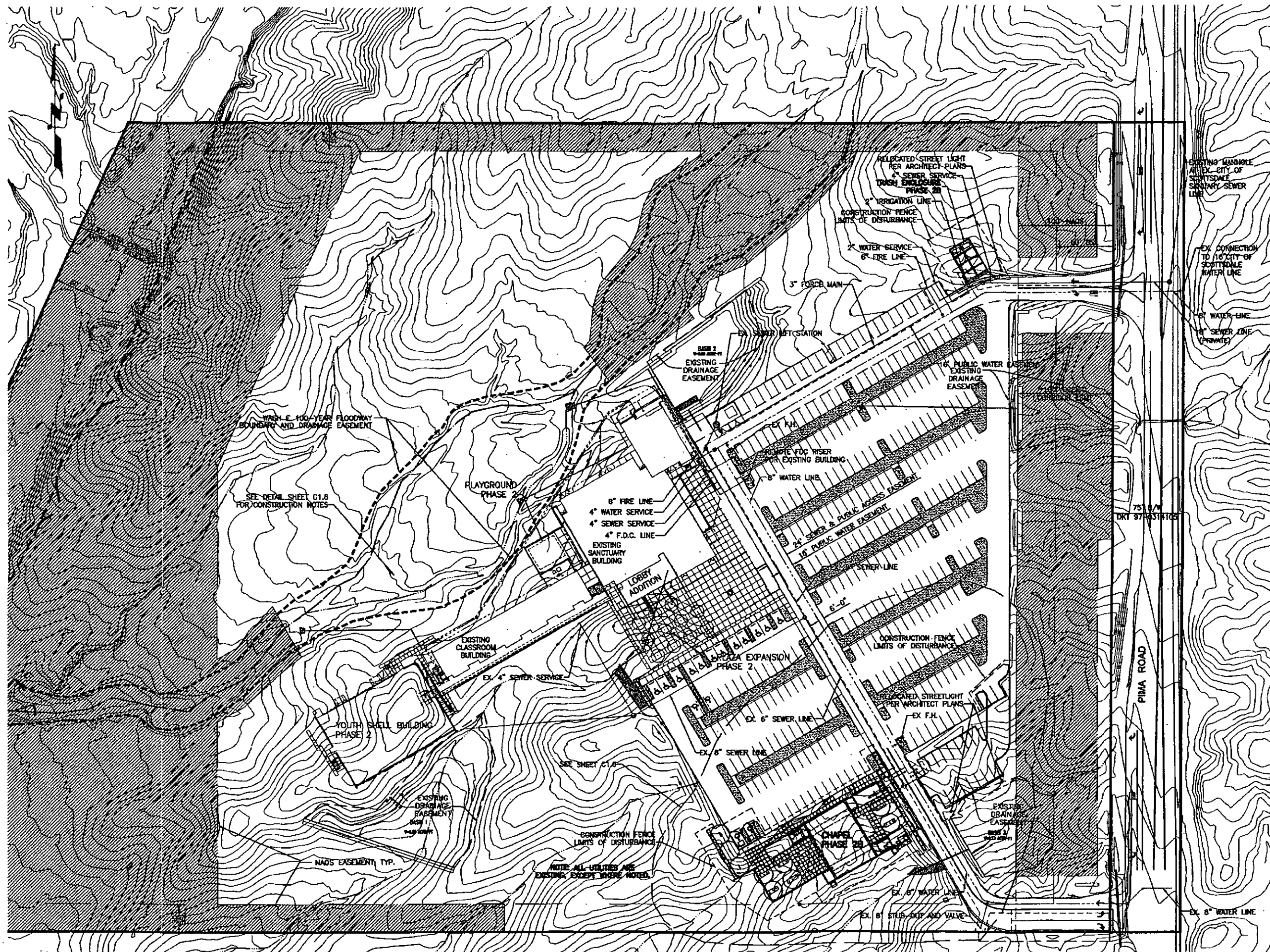
APN: 216-70-008-A

DRB: 36-DR-2003#

BLD. PL.: #1765

IMP. PL.: #17

NAT. PLANT: 5-1



construction documents
C1.2
 SITE UTILITY PLAN
 50 0 50 100
 Feet

sta PHASE 2B CHAPEL

scottsdale first assembly
 28700 north pima road
 scottsdale, arizona 85262



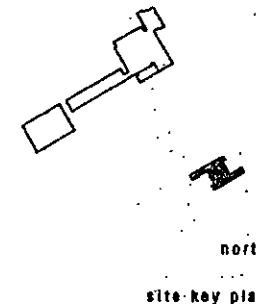
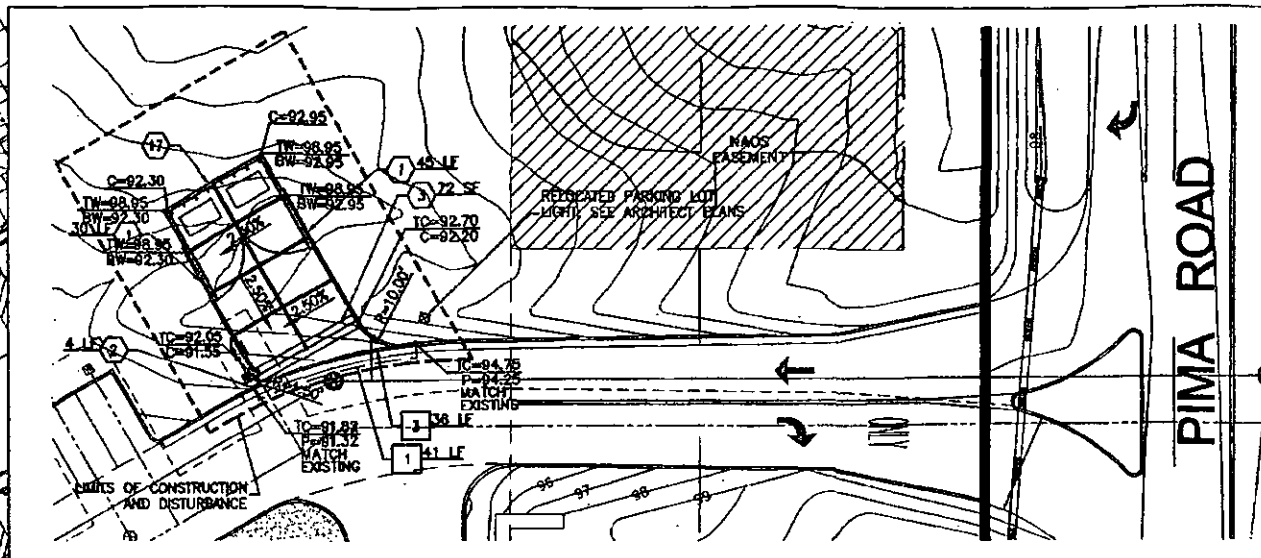
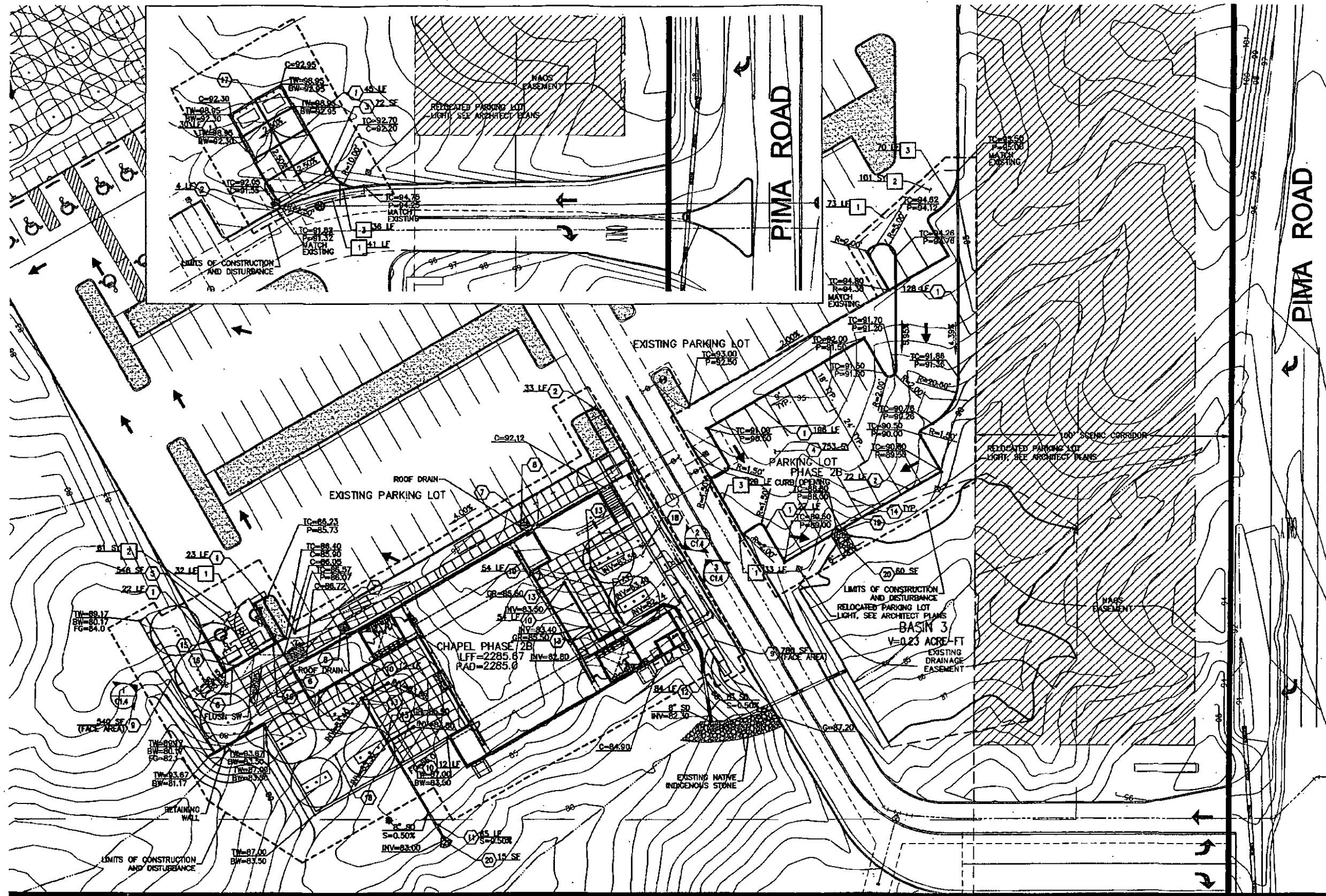
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APN: 216-70-008-A
 DRB: 36-DR-2003#3
 BLD. PL.: #1765-08-5
 IMP. PL.: #1765-08-4
 NAT. PLANT: 5-NP-2008

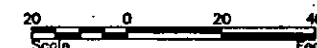
NAOS EASEMENT



construction documents

C1.3

GRADINGS AND DRAINAGE PLAN



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PHASE 2B CHAPEL

scottsdale first assembly
26700 north pima road
scottsdale, arizona 85262



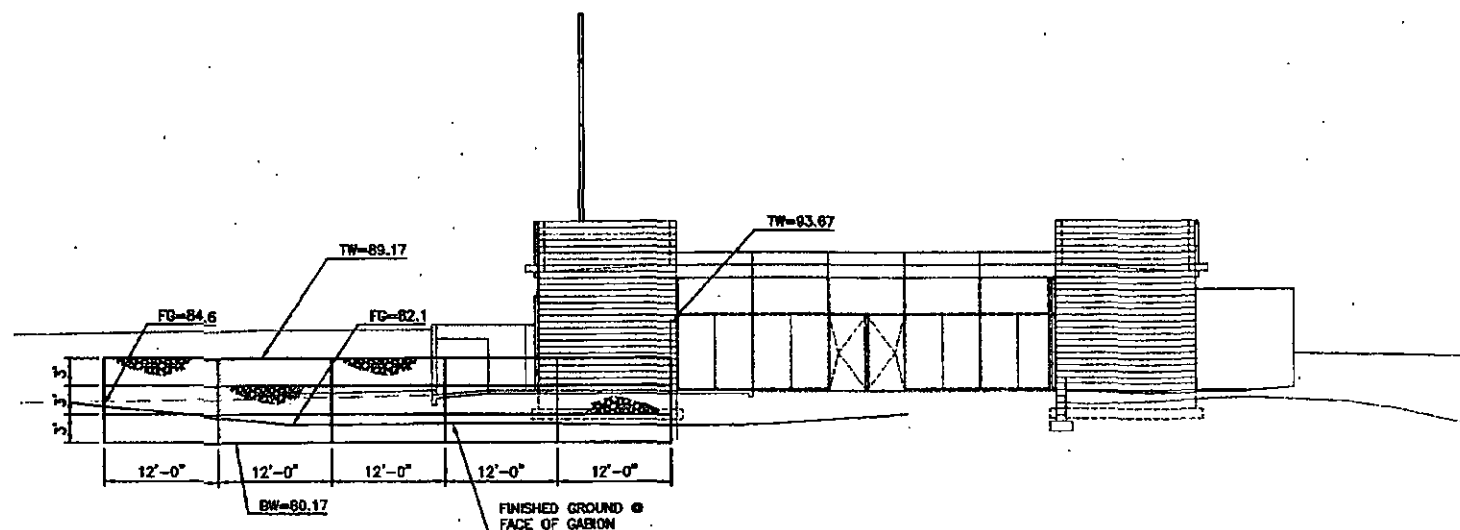
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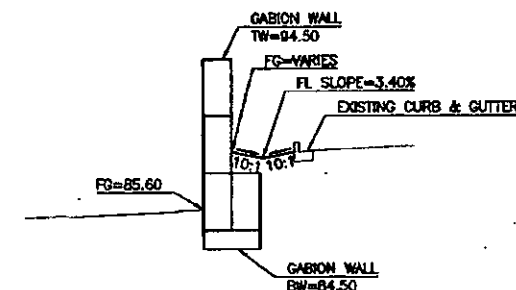
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NAT. PLANT: 5-NP-2008

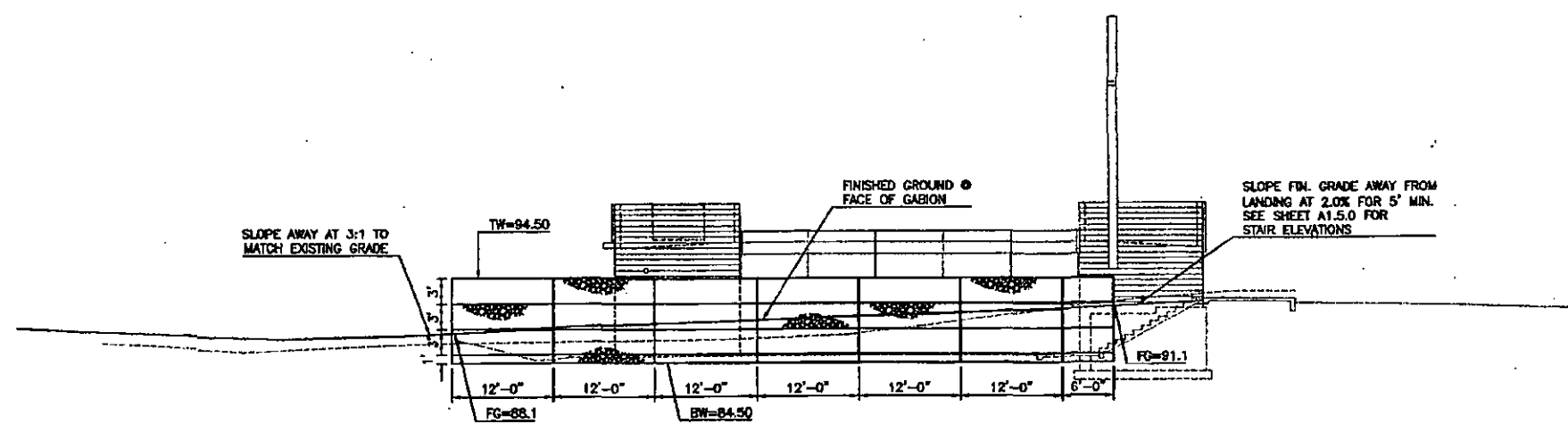
CONSTRUCTION NOTES			
(1) 6" CURB PER MAG 222-A	471 LF	(8) GABION WALL; SEE DETAIL SHEET C1.4; ROCK SHALL BE 5" TO 8" DIA BROKEN ROCK (TO MATCH EXISTING ON-SITE)	1320 SF
(2) 6" CURB & GUTTER PER MAG 220-A	109 LF	(10) 6" ADS N-12 HDPE DRAIN PIPE	132 LF
(3) 3" VALLEY GUTTER PER MAG 240	72 SF	(11) 6" ADS N-12 HDPE DRAIN PIPE	65 LF
(4) INSTALL 2.5" AC D1/2 OVER 4" AB	753 SY	(12) 12" ADS N-12 HDPE DRAIN PIPE	84 LF
(5) INSTALL 6" CONCRETE PAVT TO MATCH EXISTING	546 SF	(13) 12" X 12" ADS GRATED INLET; PEDESTRIAN RATED	6 EA
(6) CURB TERMINATION PER MAG 222	2 EA	(14) PARKING STALL STRIPING; 4" SOLID WHITE	1 EA
(7) HORIZONTAL SAWCUT 4" CURB OPENING	2 EA	(15) ADA STRIPING & MARKING	1 EA
(8) SIDEWALK SCUPPER; TOP FLUSH W/ SW GRADE;	2 EA	(16) ADA ACCESSIBLE SIGNS PER CDS DEL 2124	2 EA
SEE ARCHITECT PLANS FOR DETAIL			
(17) TRASH ENCLOSURE PER C.O.S. STD DTL 2147.1 AND GATES PER ARCH PLANS		(18) GRADE AREAS TO DRAIN TO INLETS	NPI
(19) 3" CURB OPENING FOR PARKING LOT DRAINAGE		(20) SITE ROCK EROSION CONTROL; NATIVE INDIGENOUS STONE TO MATCH EXISTING; SEE LANDSCAPE PLANS FOR DETAILS	75 SF
(1) SAWCUT EXISTING ASPHALT OR CONCRETE	179 LF	(2) REMOVE EXISTING PAVT.	162 SY
(3) REMOVE CONCRETE CURB	135 LF		



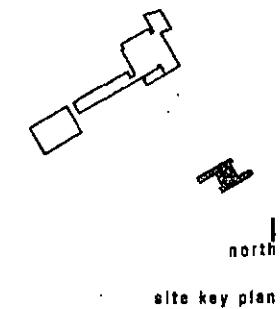
1 GABION STRUCTURE 1 ELEVATION
SCALE: 1"=10'



3 CROSS SECTION
HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=5'



2 GABION STRUCTURE 2 ELEVATION
SCALE: 1"=10'



construction documents

C1.4

GRADING SECTION &
GRADING ELEVATIONS

sfa PHASE 2B CHAPEL

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december 2008
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0891

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APN: 216-70-008-A
DRB: 36-DR-2003#3
BLD. PL.: #1765-08-5
IMP. PL.: #1765-08-4
NAT. PLANT: 5-NP-2008

1/10/2009 1:00:00 PM C:\Users\jared\Documents\Phase 2B Chapel\Phase 2B Chapel.dwg 1/10/2009 1:00:00 PM