

POLIQUIN KELLOGG DESIGN GROUP
 ARCHITECTURE PLANNING INTERIOR DESIGN
 6400 Carnegie Avenue, Suite 215
 Goleta, CA 93117
 (805) 313-0813 (F) (805) 313-0817

Building addition for:

ATK SPACE SYSTEMS GROUP

600 Pine Avenue GOLETA, CALIFORNIA 93117

ABBREVIATIONS									
A	And	DET.	Detail	GA.	Group	H.	North	S.D.	Snap Dispenser
AI	Angle	DAL.	Dimension	GALV.	Galvanized	N.	North	SEC.	Section
ADJ.	Adjustable	DAL.	Dimension	G.B.	Grid Box	N.E.	North East	S.R.	Shower
ADJ.	Adjustable	DSP.	Dispenser	G.C.	Grid Ceiling	N.W.	North West	S.S.	Sheet
D	Diameter or Round	DN.	Down	OD.	Outside Diameter (Dim.)	N.T.S.	Not To Scale	SM.	Similar
D#	Diameter or Round Found or Number	D.O.	Door Opening	OP.	Opposite	S.N.D.	Sanitary Napkin Dispenser	S.N.R.	Sanitary Napkin Receptacle
(E)	Existing	DR.	Drawer	O.P.	Opposite	S.P.	Sink	S.S.	Standard
		DR.	Door	Q.	Quantity	SPE.C.	Specification	S.S.	Stainless Steel
ACOUS.	Acoustical	DS.	Downspout	H.B.	Hose Bibb	SPEC.	Specification	S.S.	Stainless Steel
ADJ.	Adjustable	D.S.P.	Dry Standpipe	H.C.	Hollow Core	S.S.	Stainless Steel	S.S.	Stainless Steel
AGUL.	Aggregate	DWG.	Drawing	H.W.C.	Hardware	S.S.	Stainless Steel	S.S.	Stainless Steel
AL.	Aluminum	E.	East	H.W.M.	Hardware Metal	S.S.	Stainless Steel	S.S.	Stainless Steel
APPROX.	Approximate	E.A.	Each	H.W.M.	Hardware Metal	S.S.	Stainless Steel	S.S.	Stainless Steel
AROH.	Armature	E.J.	Expansion Joint	H.W.M.	Hardware Metal	S.S.	Stainless Steel	S.S.	Stainless Steel
ASS.	Asbestos	E.L.	Expansion Joint	H.W.M.	Hardware Metal	S.S.	Stainless Steel	S.S.	Stainless Steel
ASPH.	Asphalt	E.L.	Expansion Joint	H.W.M.	Hardware Metal	S.S.	Stainless Steel	S.S.	Stainless Steel
		E.L.C.	Expansion Joint	H.W.M.	Hardware Metal	S.S.	Stainless Steel	S.S.	Stainless Steel
BL.	Blind	E.M.	Emergency	I.D.	Inside Diameter (Dim.)	PLAS.	Plastic Laminate	POR.	Porcelain
B.L.	Blind	DNL.	Downspout	I.D.	Inside Diameter (Dim.)	PLAS.	Plastic Laminate	POR.	Porcelain
BTUM.	Butylum	DNL.	Downspout	I.D.	Inside Diameter (Dim.)	PLAS.	Plastic Laminate	POR.	Porcelain
BLDG.	Building	DNL.	Downspout	I.D.	Inside Diameter (Dim.)	PLAS.	Plastic Laminate	POR.	Porcelain
B.LG.	Block	DNL.	Downspout	I.D.	Inside Diameter (Dim.)	PLAS.	Plastic Laminate	POR.	Porcelain
BLG.	Block	DNL.	Downspout	I.D.	Inside Diameter (Dim.)	PLAS.	Plastic Laminate	POR.	Porcelain
BLM.	Beam	DNL.	Downspout	I.D.	Inside Diameter (Dim.)	PLAS.	Plastic Laminate	POR.	Porcelain
BDT.	Batten	DNL.	Downspout	I.D.	Inside Diameter (Dim.)	PLAS.	Plastic Laminate	POR.	Porcelain
		DNL.	Downspout	I.D.	Inside Diameter (Dim.)	PLAS.	Plastic Laminate	POR.	Porcelain
CB	Cabinet	DNL.	Downspout	I.D.	Inside Diameter (Dim.)	PLAS.	Plastic Laminate	POR.	Porcelain
CB	Cabinet	DNL.	Downspout	I.D.	Inside Diameter (Dim.)	PLAS.	Plastic Laminate	POR.	Porcelain
CB	Cabinet	DNL.	Downspout	I.D.	Inside Diameter (Dim.)	PLAS.	Plastic Laminate	POR.	Porcelain

REFERENCE SYMBOLS

- 4 - COLUMN GRID NUMBER OR LETTER
- (B) - DETAIL REFERENCE NUMBER
- ASV - SHEET NUMBER
- (A) - DETAIL IDENTIFICATION
- 5 - SHEET NUMBER
- (E) - EXTERIOR ELEVATION SHEET NUMBER
- (S) - SECTION REFERENCE SHEET NUMBER
- (N, S, E, W) - ELEVATION GROUP REFERENCE SHEET NUMBER
- (R, S, E, W) - ROOM ELEVATION IDENTIFICATION
- (1) - REVISION NUMBER ATTACHED TO CLOUD CHANGE
- (H) - EXT SIGN (ILLUMINATED) W/ DIRECTION ARROW
- (M) - CLO. MOUNTED WALL MOUNTED
- (V) - VESTIBULE
- 2 - ROOM NAME
- (R) - ROOM NUMBER
- (C) - CONSTRUCTION NOTE
- (D) - DOOR NUMBER
- (P) - PARTITION TYPE REFER TO SHEET AS.3

LEGAL DESCRIPTION

PLAN CHECK & PERMIT NO.

BUILDING PLANNING NO.: 063-157-00 RV
 BUILDING PLAN CHECK NO.:
 BUILDING PERMIT NO.:

VICINITY MAP

LEGEND

INDICATES PROPOSED NEW ADDITION

PROPERTY MEETS AND BOUNDS

1	N 41° E	692.57'
2	S 81°30'30" W	73.97'
3	S 69°28'30" W	217.04'
4	S 72°36'30" W	224.53'
5	S 81°24' W	138.27'
6	S 01°30' W	25.25'
7	S 01°30' W	343.92'
8	S 82°22' E	543.25'

PROPERTY EASEMENTS

- A** AN EASEMENT FOR THE PURPOSE SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS SET FORTH IN A DOCUMENT.
 GRANTED TO: SOUTHERN CALIFORNIA EDISON COMPANY & CORPORATION
 PURPOSE: PUBLIC UTILITIES
 RECORDED: MAY 4, 1993 AS INSTRUMENT NO. 14385 IN BOOK 1740, PAGE 109, OFFICIAL RECORDS.
 AFFECTS: THE SOUTHERLY 5 FEET OF PARCELS ONE & TWO
- B** AN EASEMENT FOR THE PURPOSE SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS SET FORTH IN A DOCUMENT.
 GRANTED TO: ASSOCIATED TELEPHONE COMPANY LTD.
 PURPOSE: POLES AND CONDUITS
 RECORDED: AUGUST 21, 1951 AS INSTRUMENT NO. 12859 IN BOOK 1011, PAGE 283, OFFICIAL RECORDS.
 AFFECTS: THE SOUTHERLY 1 FOOT OF PARCELS ONE & TWO
- C** AN EASEMENT FOR THE PURPOSE SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS SET FORTH IN A DOCUMENT.
 GRANTED TO: SOUTHERN CALIFORNIA EDISON COMPANY, A CORPORATION
 PURPOSE: PUBLIC UTILITIES
 RECORDED: APRIL 5, 1970 AS INSTRUMENT NO. 12823 IN BOOK 1455, PAGE 758, OFFICIAL RECORDS.
 AFFECTS: A 6 FOOT WIDE STRIP OVER A SOUTHERLY PORTION OF PARCEL TWO.

SCOPE OF WORK

TO CONSTRUCT A 23,375 S.F. RESEARCH AND DEVELOPMENT TYPE V-B FULLY SPRINKLERED NEW ADDITION TO THE EAST, ADJACENT TO THE EXISTING 69,833 TYPE V-B FULLY SPRINKLERED BUILDING AND AN ADDITION OF 1,650 S.F. TO THE NORTH OF THE EXISTING BUILDING.

APR: 071-130-040
 ZONING: UEP
 GENERAL PLAN DESIGNATION: BUSINESS PARK
 SITE AREA: 286,625 S.F. / 6.53 ACRES

EXISTING BUILDING AREA:	42,875 S.F.	EXISTING OFFICE:	22,150 S.F.
GROUND FLOOR:	16,550 S.F.	EXISTING MANUF.:	37,355 S.F.
SECOND FLOOR:	26,325 S.F.	TOTAL:	59,533 S.F.

(NO CHANGE PROPOSED EXCEPT ALTERATION OF ROOF TRUSSING AND WALL WHERE NEW ADDITION SHALL BE CONSTRUCTED)

EXISTING ACCESSORY COVERED AREAS:	675 S.F.
UTILITY BUILDINGS BLOCK HOUSE:	475 S.F.
TOTAL:	2,200 S.F.

PROPOSED NEW ADDITION:	18,594 S.F.
GROUND FLOOR:	4,822 S.F.
SECOND FLOOR:	13,772 S.F.
TOTAL:	1,850 S.F.

PROPOSED ADDITION WCL: 68,761 S.F. P.A.R. = 42%

PROPOSED SITE COVERAGE:

GROSS TOTAL:	286,625 S.F.	
PROPOSED EXCELL DEMONSTRATION:	(60,597 S.F.)	
NET TOTAL:	226,028 S.F.	
BUILDING FOOTPRINT:	85,419 S.F.	37.7%
PAVEMENTS:	23,733 S.F.	10.5%
LANDSCAPE:	33,974 S.F.	15.5%
CURB/CURBS:	1,447 S.F.	.7%
HARDSCAPE/SIDEWALK:	6,997 S.F.	3.1%
NET TOTAL:	205,178 S.F.	90.9%

PROJECT STATISTICS

EXISTING BUILDING S.F.:	ZONING ORDINANCE PARKING RATIO:	PARKING REQUIREMENT:
R & D = 37,355 S.F.	1/500	75 STALLS
OFFICE = 22,150 S.F.	1/300	74 STALLS
TOTAL = 59,505 S.F.		149 STALLS

PROPOSED ADDITION S.F. (ATK PLANNED USE):	ZONING ORDINANCE PARKING RATIO:	PARKING REQUIREMENT:
R & D = 20,344 S.F.	1/500	41 STALLS
OFFICE = 4,822 S.F.	1/300	16 STALLS
TOTAL = 25,166 S.F.		57 STALLS

PROPOSED ADDITION S.F. (PUBLIC WORKS TRAFFIC/PARKING ANALYSIS):	ZONING ORDINANCE PARKING RATIO:	PARKING REQUIREMENT:
SON R & D = 12,513 S.F.	1/500	25 STALLS
SON OFFICE = 12,813 S.F.	1/300	43 STALLS
TOTAL = 25,326 S.F.		67 STALLS

PARKING PROVIDED:	STANDARD STALLS:	COMPACT STALLS (20% ALLOWED):	HANDICAP STALLS:
	168 STALLS	43 STALLS	7 STALLS
	218 STALLS	43 STALLS	8 STALLS
	235 STALLS	43 STALLS	218 STALLS
			218 STALLS

PROJECT DIRECTORY

Building addition for ATK Space Systems Group
 ADDRESS: 600 PINE AVENUE, GOLETA, CA 93117

CLIENT/OWNER:
 THE TOWERS GROUP, INC.
 21 East Victoria Street
 Santa Barbara, CA 93101
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 CONTACT: ERAN POLIQUIN (eran.poliquin@pkdgroup.com)
 (805) 313-0813 FAX: (805) 313-0817
 CONTACT: IRAN VILLAGRAN (Iran@pkdgroup.com)

LANDSCAPE ARCHITECT:
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 10 East Lafayette
 Santa Barbara, CA 93101
 PHONE: (805) 967-2455 x 3 FAX: (805) 967-9433
 CONTACT: ROBERTLY TRUE (true@slidingdesign.com)

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City of Goleta
 Planning & Environmental Svcs.

ATK Space Systems Group
 Building addition
 600 PINE AVENUE, GOLETA, CALIFORNIA 93117

Remarks	Date	By
PLANNING REVIEW	11/11/08	
PLANNING REVIEW	11/11/08	
PLANNING REVIEW	11/11/08	
PLANNING REVIEW	11/11/08	

Title SHEET

Drawn By: IMV

Project No: 06-055-00

Date: AS NOTED

Sheet: A0.1

KEYNOTES

- 1 NEW ASPHALT PAVING, REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION
- 2 EXISTING ASPHALT PAVING
- 3 9' x 15'-5" STANDARD PARKING STALL DESIGNATED WITH "S" PER CITY OF GOLETA STANDARDS
- 4 8' x 14'-5" COMPACT PARKING STALL DESIGNATED WITH "C" PER CITY OF GOLETA STANDARDS
- 5 NEW ADDITION NORTH OF EXISTING BUILDING
- 6 NEW ADDITION ADJACENT EAST OF EXISTING STRUCTURE
- 7 LANDSCAPE AREA
- 8 EXISTING PERIMETER CHAINLINK FENCE
- 9 ADA ACCESSIBLE PARKING STALLS, PER CITY OF GOLETA STANDARDS, TYPICAL
- 10 RUN-OFF DETENTION BASINS, REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION
- 11 EXISTING 2 TRUCK LOADING DOCK
- 12 NEW LOADING AREA
- 13 EXISTING HANDICAP RAMPS
- 14 NEW WALKWAY ADA ACCESSIBLE
- 15 EXISTING ACCESSORY COVERED AREAS 875 S.F. AND 850 S.F.
- 16 ADA VAN ACCESSIBLE STALL
- 17 EXISTING ACCESSORY BLOCK HOUSE 475 S.F.
- 18 EXISTING "ATK" BUILDING WALL SIGNAGE MOUNTED ON TOP OF MAIN ENTRY
- 19 COMPACT FUTURE PARKING STALLS, CURRENTLY LANDSCAPED
- 20 4 STANDARD FUTURE PARKING STALLS, CURRENTLY LANDSCAPED
- 21 COVERED TRASH ENCLOSURE FOR 2 REFUSE BINS AND 1 RECYCLE BIN, SEE DETAIL B, C, D & E ON SHEET A-11
- 22 GREEN SCREEN AROUND EXISTING HVAC UNITS, SEE DETAIL F/A-11
- 23 EXISTING PARKING TO REMAIN TEMPORARILY, THESE STALLS SHALL BE DEMOLISHED WHEN EXWELL AND ROUNDABOUT GETS CONSTRUCTED
- 24 TELEPHONE COMPANY EASEMENT, SEE CIVIL DRAWINGS
- 25 SOUTHERN CALIFORNIA EDISON EASEMENT, SEE CIVIL DRAWINGS
- 26 RIGHT OF WAY EASEMENT, SEE CIVIL DRAWINGS
- 27 RELOCATE FIRE DEPARTMENT DETECTOR CHECK AWAY FROM FUTURE EXWELL ROUNDABOUT CONSTRUCTION, SEE CIVIL DRAWINGS
- 28 EXISTING GSD SAMPLING MANHOLE TO REMAIN

PROJECT STATISTICS

SCOPE OF WORK:
TO CONSTRUCT A 23,376 S.F. RESEARCH AND DEVELOPMENT TYPE V-3 FULLY SPRINKLERED NEW ADDITION TO THE EAST, ADJACENT TO THE EXISTING 63,535 S.F. V-1 FULLY SPRINKLERED BUILDING AND AN ADDITION OF 1,650 S.F. TO THE NORTH OF THE EXISTING BUILDING.

APR: 071-130-040
ZONING: URP
GENERAL PLAN DESIGNATION: BUSINESS PARK
SITE AREA: 256,525 S.F. / 6.58 ACRES

EXISTING BUILDING AREA:
GROUND FLOOR: 42,878 S.F.
SECOND FLOOR: 16,557 S.F.
TOTAL: 59,535 S.F.

EXISTING OFFICE: 22,150 S.F.
EXISTING MANUF.: 37,385 S.F.
TOTAL: 59,535 S.F.

(NO CHANGE PROPOSED EXCEPT ALTERATION OF ROOF TRUSSING AND WALL WHERE NEW ADDITION SHALL BE CONSTRUCTED)

EXISTING ACCESSORY COVERED AREAS: 875 S.F.
UTILITY BUILDINGS BLOCK HOUSE: 475 S.F.
TOTAL: 2,350 S.F.

PROPOSED NEW ADDITION:
GROUND FLOOR: 18,894 S.F.
SECOND FLOOR: 4,482 S.F.
TOTAL: 23,376 S.F.

PROPOSED ADDITION W/O: 1,650 S.F.
TOTAL BUILDING AREA (F.A.R.): 86,761 S.F. 42%

PROPOSED SITE COVERAGE:

GROSS TOTAL: 256,525 S.F.
PROPOSED EXWELL DEDICATION, R.O.W. ON EXWELL AND PINE: -63,507 S.F.
NET TOTAL: 205,119 S.F.

BUILDING FOOTPRINT: 65,419 S.F. 31.7%
PAVEMENT: 88,280 S.F. 42.9%
LANDSCAPE: 31,694 S.F. 15.4%

FUTURE COVERAGE: 1,447 S.F. 0.7%
HARDSCAPE/SIDEWALK: 5,997 S.F. 2.9%
NET TOTAL: 205,119 S.F. 100%

PARKING ANALYSIS:

EXISTING BUILDING S.F.	ZONING GREEN-AL	PARKING REQUIREMENT
R & D = 37,355 S.F.	1/200	75 STALLS
OFFICE = 22,150 S.F.	1/200	74 STALLS
TOTAL = 59,505 S.F.		149 STALLS

PROPOSED ADDITION S.F. (ATK PLANNED USE)

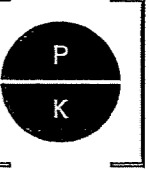
R & D	OFFICE	STALLS
R & D = 20,344 S.F.	1/500	41 STALLS
OFFICE = 4,482 S.F.	1/200	16 STALLS
TOTAL = 25,026 S.F.		57 STALLS

PROPOSED ADDITION S.F. (PUBLIC WORKS TRAFFIC/ PARKING ANALYSIS)

SOE R & D	SOE OFFICE	STALLS
SOE R & D = 15,513 S.F.	1/500	25 STALLS
SOE OFFICE = 12,513 S.F.	1/200	42 STALLS
TOTAL = 28,026 S.F.		67 STALLS

PARKING PROVIDED:
STANDARD STALLS: 18.7% OF 215 STALLS = 43 STALLS (SEE ALLOTTED)
COMPACT STALLS: 19.7% OF 215 STALLS = 43 STALLS
HANDICAP STALLS: 7 STALLS
EXISTING TEMPORARY STALLS (TO BE DEMOLISHED WITH EXWELL CONSTRUCTION): 8 STALLS
INTERIM TOTAL: 215 STALLS
STALLS TO BE DEMOLISHED WITH EXWELL: - 8 STALLS
PROVIDED TOTAL: 215 STALLS

EXWELL RADIUS PROVIDED: 20 RADIUS PROVIDED INSIDE THE BUILDING. (SEE GROUND FLOOR PLAN)



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ARCHITECTURE PLANNING INTERIOR DESIGN
6400 Canoga Avenue, Suite 215
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City of Goleta
Planning & Environmental Svcs

ATK Space Systems Group
Building addition
600 PINE AVENUE,
GOLETA, CALIFORNIA 93117

PROJECT DIRECTORY

Building addition for ATK Space Systems Group
ADDRESS: 600 PINE AVENUE, GOLETA, CA 93117

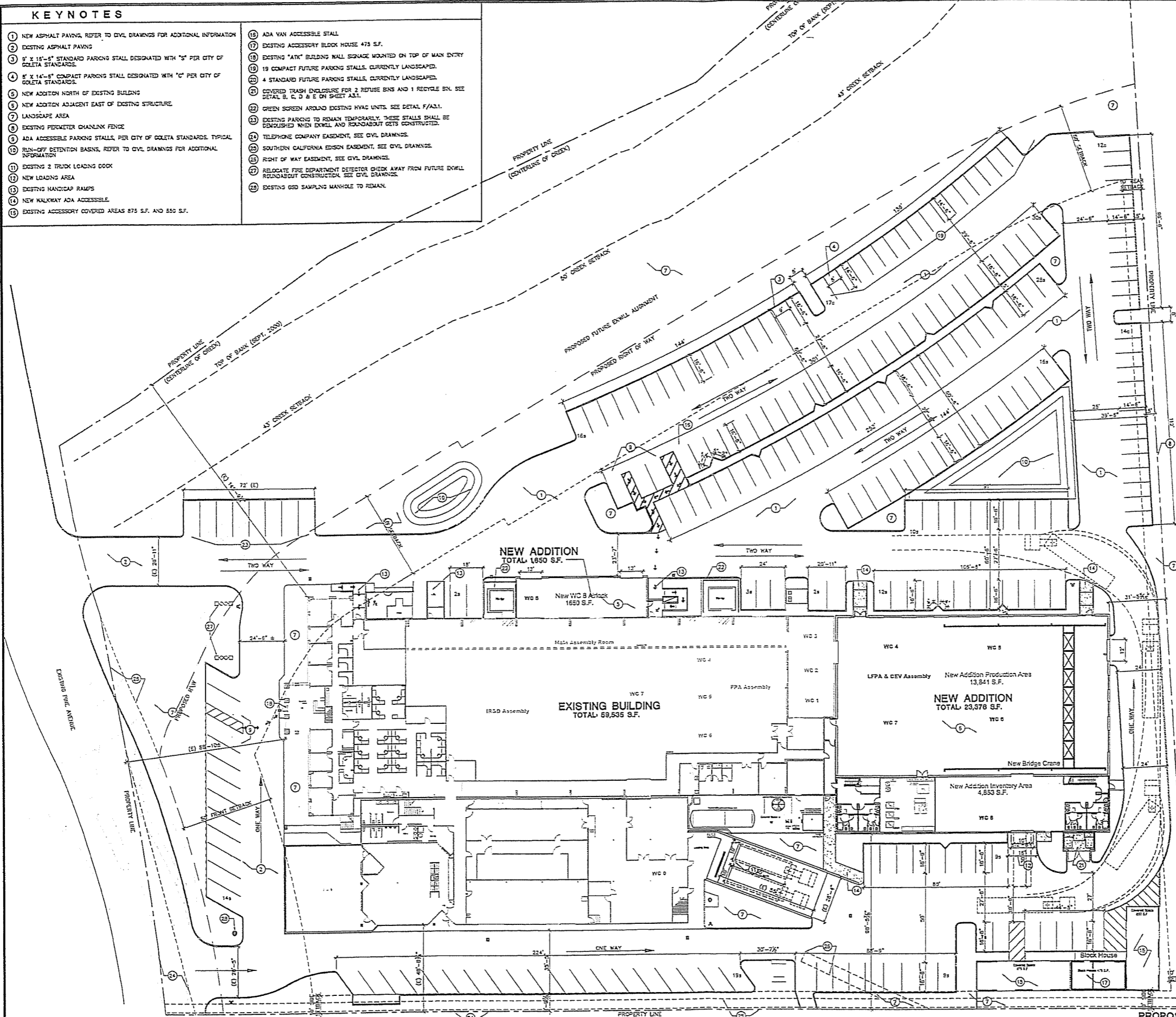
CLIENT/OWNER:
THE TOWERS GROUP, INC.
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NAGI VILLARIN (nagiv@pkdg.com)

CIVIL ENGINEER:
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LANDSCAPE ARCHITECT:
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Santa Barbara, CA 93101
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CONTACT: KIMBERLY TRUE (kim@budingdesign.com)

Remarks	Date	By
	11/2/08	ED SMITH



LEGEND:
INDICATES PROPOSED NEW ADDITION

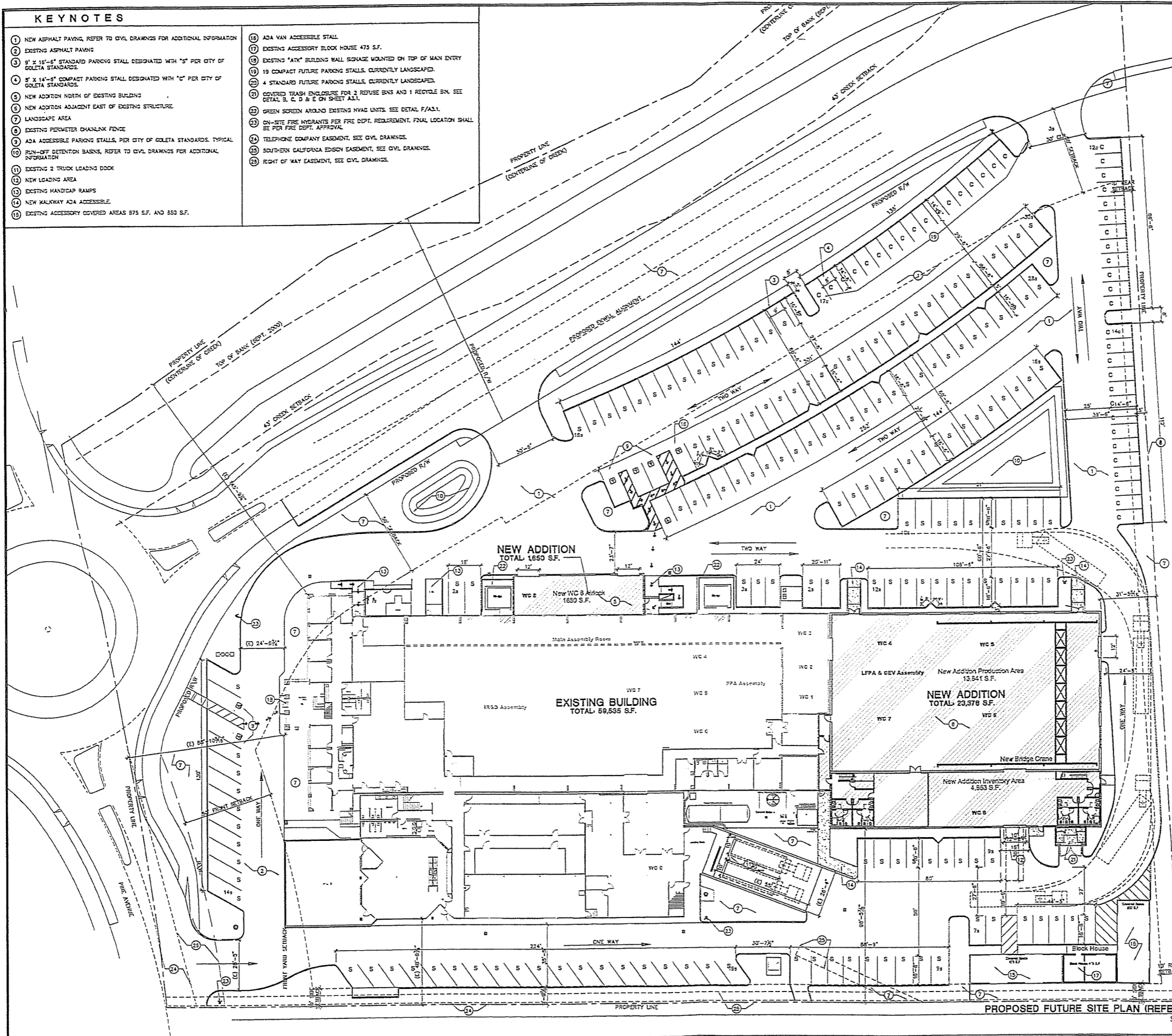
PROPOSED SITE PLAN
SCALE: 1" = 20'-0"
NORTH

PROPOSED SITE PLAN
Drawn By: JAY
Project No: CB-055.00
Date: AS NOTED
Sheet: **A1.1**

KEYNOTES

- 1 NEW ASPHALT PAVING, REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION
- 2 EXISTING ASPHALT PAVING
- 3 8' X 15'-6" STANDARD PARKING STALL DESIGNATED WITH "S" PER CITY OF GOLETA STANDARDS
- 4 8' X 14'-5" COMPACT PARKING STALL DESIGNATED WITH "C" PER CITY OF GOLETA STANDARDS
- 5 NEW ADDITION NORTH OF EXISTING BUILDING
- 6 NEW ADDITION ADJACENT EAST OF EXISTING STRUCTURE
- 7 LANDSCAPE AREA
- 8 EXISTING PERIMETER CHAINLINK FENCE
- 9 ADA ACCESSIBLE PARKING STALLS, PER CITY OF GOLETA STANDARDS, TYPICAL
- 10 RUN-OFF RETENTION BASINS, REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION
- 11 EXISTING 2 TRUCK LOADING DOCK
- 12 NEW LOADING AREA
- 13 EXISTING HANDICAP RAMPS
- 14 NEW WALKWAY ADA ACCESSIBLE
- 15 EXISTING ACCESSORY COVERED AREAS 875 S.F. AND 850 S.F.

- 16 ADA VAN ACCESSIBLE STALL
- 17 EXISTING ACCESSORY BLOCK HOUSE 475 S.F.
- 18 EXISTING "ATK" BUILDING WALL STORAGE MOUNTED ON TOP OF MAIN ENTRY
- 19 COMPACT FUTURE PARKING STALLS, CURRENTLY LANDSCAPED
- 20 4 STANDARD FUTURE PARKING STALLS, CURRENTLY LANDSCAPED
- 21 COVERED TRASH ENCLOSURE FOR 2 REFUSE BINS AND 1 RECYCLE BIN. SEE DETAIL B, C, D & E ON SHEET A1.1.
- 22 GREEN SCREEN AROUND EXISTING HVAC UNITS. SEE DETAIL F/A.1.
- 23 ON-SITE FIRE HYDRANTS PER FIRE DEPT. REQUIREMENT. FINAL LOCATION SHALL BE PER FIRE DEPT. APPROVAL
- 24 TELEPHONE COMPANY EASEMENT, SEE CIVIL DRAWINGS
- 25 SOUTHERN CALIFORNIA EDISON EASEMENT, SEE CIVIL DRAWINGS
- 26 RIGHT OF WAY EASEMENT, SEE CIVIL DRAWINGS



PROJECT STATISTICS

STREET OF WORK:
TO CONSTRUCT A 23,378 S.F. RESEARCH AND DEVELOPMENT TYPE V-3 FULLY SPRINGLED NEW ADDITION TO THE EAST, ADJACENT TO THE EXISTING 59,835 TYPE V-4 FULLY SPRINGLED BUILDING AND AN ADDITION OF 1,650 S.F. TO THE NORTH OF THE EXISTING BUILDING.

APR: 071-130-040
ZONING: MFP
GENERAL PLAN DESIGNATION: BUSINESS PARK
SITE AREA: 285,525 S.F. / 6.59 ACRES

EXISTING BUILDING AREA:
GROUND FLOOR: 42,875 S.F.
SECOND FLOOR: 16,960 S.F.
TOTAL: 59,835 S.F.

OR
EXISTING OFFICE: 22,180 S.F.
EXISTING MANUF.: 37,655 S.F.
TOTAL: 59,835 S.F.

(NO CHANGE PROPOSED EXCEPT ALTERATION OF ROOF TRIMMING AND WALL WHERE NEW ADDITION SHALL BE CONSTRUCTED)

EXISTING ACCESSORY COVERED AREAS: 875 S.F.
UTILITY BUILDING BLOCK HOUSE: 475 S.F.
TOTAL: 1,350 S.F.

PROPOSED NEW ADDITION:
GROUND FLOOR: 18,694 S.F.
SECOND FLOOR: 4,684 S.F.
TOTAL: 23,378 S.F.

PROPOSED ADDITION MANUF.: 1,650 S.F.
TOTAL BUILDING AREA (F.A.R.): 85,781 S.F. 425

PROPOSED SITE COVERAGE:
GROSS TOTAL: 285,625 S.F.
PROPOSED EXCELLED PAVEMENT, CONCRETE, OR EXCELLED AND FINE: 20,507 S.F.
NET TOTAL: 265,118 S.F.

BUILDING FOOTPRINT:
PAVEMENT: 92,728 S.F. 31.7%

LANDSCAPE: 13,934 S.F. 4.9%

HARDSCAPE/SIDEWALK: 5,937 S.F. 2.2%

NET TOTAL: 265,118 S.F. 100%

PARKING ANALYSIS:
EXISTING BUILDING S.F.: ZONING OFFSPACING RATIO: PARKING REQUIREMENT

R & D = 37,355 S.F. 1/200 75 STALLS
OFFICE = 22,180 S.F. 1/200 74 STALLS
TOTAL = 59,535 S.F. 149 STALLS

PROPOSED ADDITION S.F. (ATK PLANNED USE):
R & D = 20,344 S.F. 1/200 41 STALLS
OFFICE = 4,684 S.F. 1/200 18 STALLS
TOTAL = 25,028 S.F. 57 STALLS

PROPOSED ADDITION S.F. (PUBLIC WORKS TRAFFIC/PARKING ANALYSIS):
SCR R & D = 12,513 S.F. 1/200 25 STALLS
SCR OFFICE = 12,513 S.F. 1/200 42 STALLS
TOTAL = 25,026 S.F. 67 STALLS

PARKING PROVIDED:
STANDARD STALLS: 158 STALLS
COMPACT STALLS: 19.74 (SCR ALLOWED) 43 STALLS
HANDICAP STALLS: 7 STALLS
TOTAL: 215 STALLS

BIKE RACKS PROVIDED: 20 RACKS PROVIDED INSIDE THE BUILDING. (SEE GROUND FLOOR PLAN)

PROJECT DIRECTORY

Building addition for ATK Space Systems Group
ADDRESS: 600 PINE AVENUE, GOLETA, CA 93117

CLIENT/OWNER:
THE TOWERS GROUP, INC.
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CONTACT: BRAN POLIQUIN (bran@poliquin.com)
BRAN VILLARIN (villar@poliquin.com)

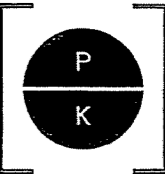
CIVIL ENGINEER:
PENFIELD AND SMITH
111 East Victoria Street
Santa Barbara, CA 93101
PHONE: (805) 953-9532 FAX: (805) 958-9801
CONTACT: STEVE WANG (stev@penfieldsmith.com)

LANDSCAPE ARCHITECT:
SUZING DESIGN LANDSCAPE ARCHITECTS, INC.
10 East Ledy
Santa Barbara, CA 93101
PHONE: (805) 957-2455 x 3 FAX: (805) 687-9433
CONTACT: KIMBERLY TRU (ktr@suizing.com)

LEGEND:
[Hatched Box] INDICATES PROPOSED NEW ADDITION

Scale: 1" = 20'-0"

North Arrow



POLIQUIN KELLOGG DESIGN GROUP
ARCHITECTURE PLANNING INTERIOR DESIGN
8400 Genoa Avenue, Suite 215
Woodland Hills, CA 91367
(818) 313-8813 (F) 818 313-8817

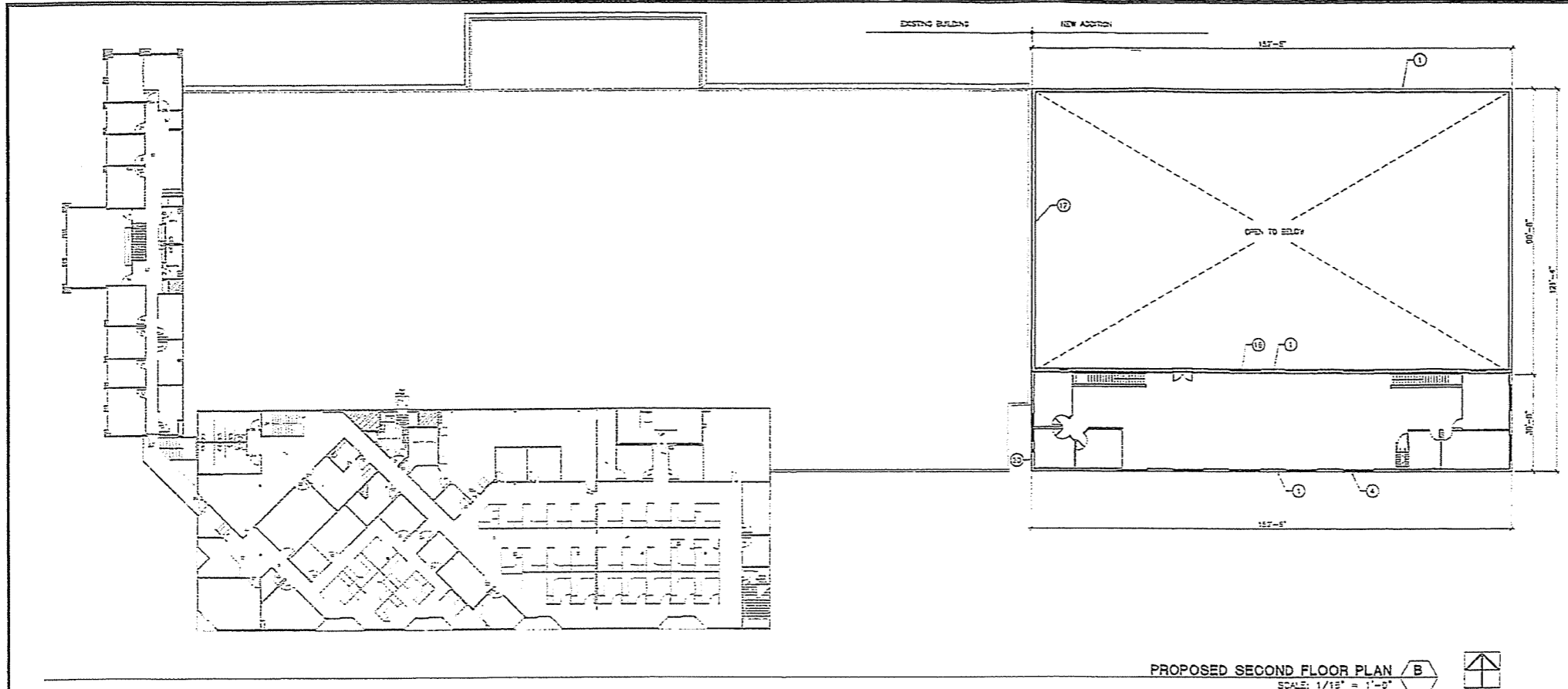
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DEC 05 2008
City of Goleta
Planning & Environmental Svcs.

ATK Space Systems Group
Building addition
600 PINE AVENUE, GOLETA, CALIFORNIA 93117

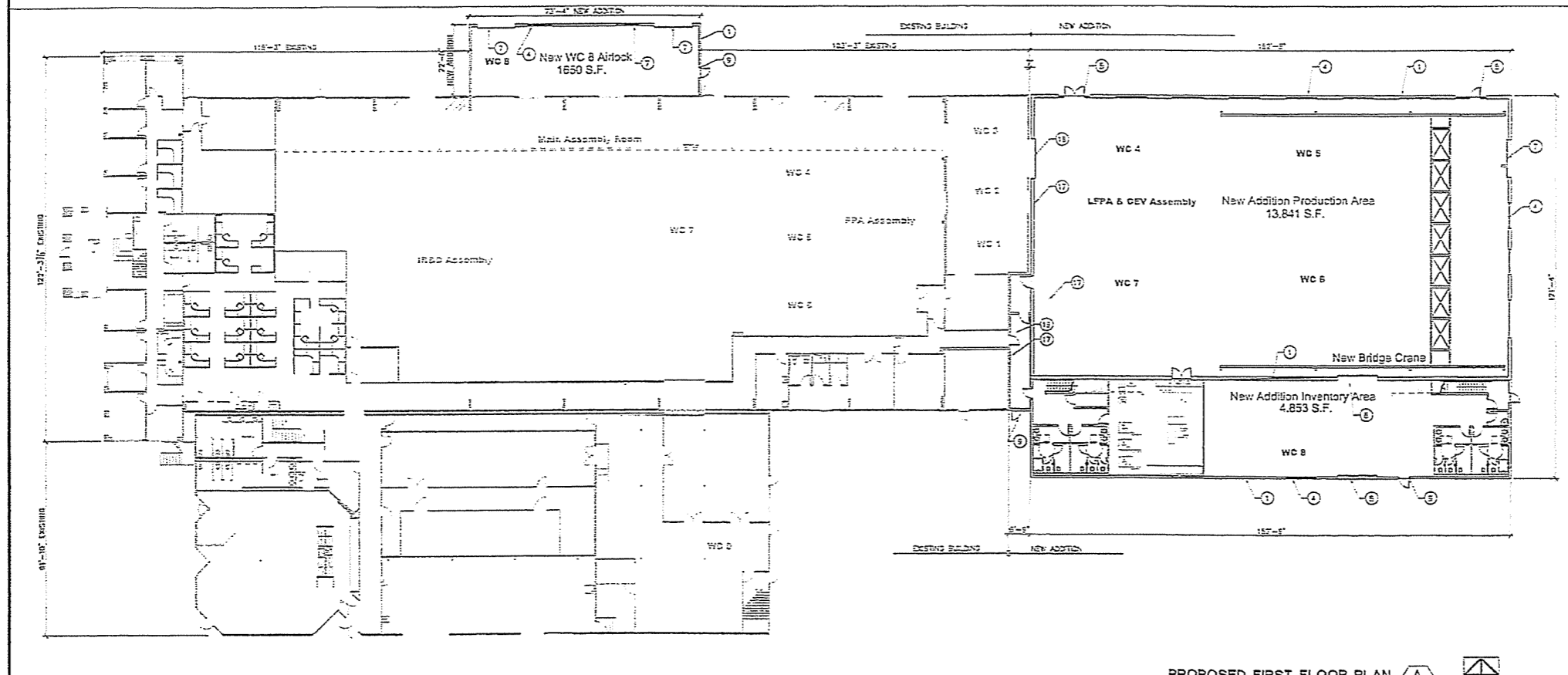
Remarks Date By

PLANNING REVIEW	11/17/08	
NO PLANNING REVIEW	11/18/08	
ED. REVIEW	11/17/08	

PROPOSED FUTURE SITE PLAN
Drawn By: [Signature]
Project No: 08-055-00
Date: [Date]
Scale: AS NOTED
Sheet: A1.1b



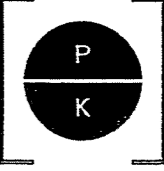
PROPOSED SECOND FLOOR PLAN **B**
SCALE: 1/16" = 1'-0"
NORTH



PROPOSED FIRST FLOOR PLAN **A**
SCALE: 1/16" = 1'-0"
NORTH

KEYNOTES

- ① MASONRY WALL WITH STUCCO FINISH
- ② 3" THICK X 3'-0" WIDE HORIZONTAL 2x2x2 ALUMINUM BAND WITH PLASTER FINISH AND 1/2" VERTICAL REVEALS
- ③ 1/2" WIDE ALUMINUM VERTICAL AND HORIZONTAL REVEALS WITH PREFABRICATED INSULATION PIECES
- ④ DUAL GLAZED BRONZE GLASS WINDOWS WITH DARK BRONZE ANODIZED FRAMES TO MATCH EXISTING WINDOWS
- ⑤ 1/4" GLASS DOOR AND STOREFRONT WINDOWS
- ⑥ STANDING SEAM CANOPY ROOFING TO MATCH EXISTING
- ⑦ 10' HIGH X 12' WIDE ROLL-UP DOOR
- ⑧ 10' HIGH X 12'-0" WIDE ROLL-UP DOOR
- ⑨ PAINTED HOLLOW METAL DOOR
- ⑩ UNPAINTED ALUMINUM EXPANSION FILL PEEB BETWEEN WALLS OF EXISTING AND NEW ADDITION
- ⑪ EXISTING PAINTED STUCCO
- ⑫ EXISTING STANDING SEAM CANOPY ROOFING
- ⑬ EXISTING PAINTED WOOD PANELING
- ⑭ EXISTING 1/2" WIDE ALUMINUM VERTICAL AND HORIZONTAL REVEALS
- ⑮ EXISTING BRONZE WINDOWS WITH DARK BRONZE ANODIZED FRAMES TO MATCH EXISTING WINDOWS
- ⑯ 1/4" CLEAR GLAZED WINDOWS WITH DARK BRONZE ANODIZED FRAMES TO MATCH EXISTING WINDOWS
- ⑰ RATED SEPARATION WALL
- ⑱ RATED 10' HIGH X 12' WIDE ROLL-UP DOOR
- ⑲ RATED SEPARATION DOORS
- ⑳ FIRE RATED WINDOWS



POLIGNO KELLOGG DESIGN GROUP
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Woodward Hills, California, CA 91367
(PH) 818 215 6815 (F) 818 215 6817

ATK Space Systems Group
Building addition
800 FIRE AVENUE, GOLETA, CALIFORNIA 93117

DATE	DESCRIPTION

PROJECT DIRECTORY

Building addition for ATK Space Systems Group
ADDRESS: 800 FIRE AVENUE, GOLETA, CA 93117

CLIENT/OWNER:
THE TORRES GROUP, INC.
21 East Ventura Street
Santa Barbara, CA 93101
PHONE: (805) 962-2101 FAX: (805) 962-1412
CONTACT: CRAIG ZIMMERMAN (czzim@torresgroup.com)

ARCHITECT:
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RAG VILLALBA (rvillal@polignokellogg.com)

CIVIL ENGINEER:
PENFIELD AND SMITH
111 East Ventura Street
Santa Barbara, CA 93101
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CONTACT: STEVE WANG (swang@penfieldandsmith.com)

LANDSCAPE ARCHITECT:
SLUDS DESIGN LANDSCAPE ARCHITECTS, INC.
10 East 1047
Santa Barbara, CA 93101
PHONE: (805) 667-9485 x 3 FAX: (805) 667-9433
CONTACT: KNEELY TRILE (ktrile@sludsgroup.com)

DATE	DESCRIPTION

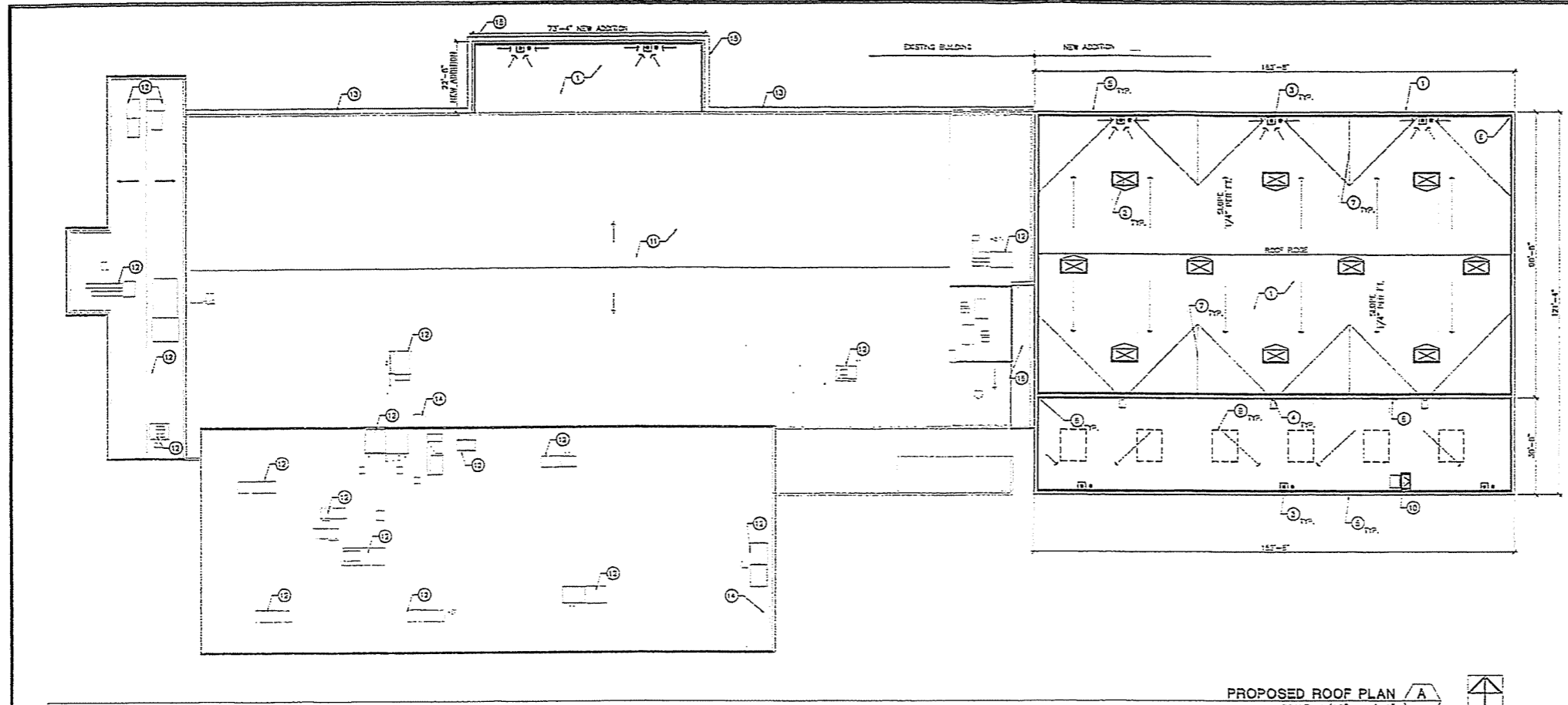
PROPOSED FLOOR PLANS

Drawn by: **DNV**

Project No: **05-085-02**

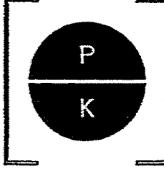
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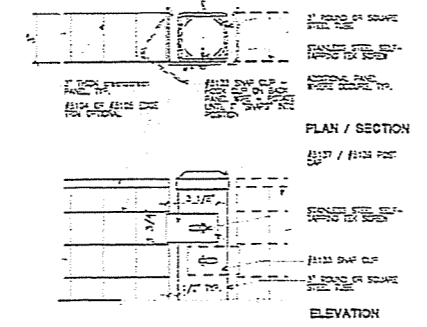
PROPOSED ROOF PLAN
SCALE: 1/16" = 1'-0"
A NORTH

- KEYNOTES**
- NEW CLASS "A" 4-PLY BUILT-UP ROOFING
 - 4" x 8" DUAL GLAZED ACRYLIC SKYLIGHTS
 - ROOF DRAIN AND OVERFLOW DRAIN
 - ROOF SCUPPER WITH OVERFLOW
 - PARAPET WALL WITH METAL CAP, HT = 36"-0" ABOVE FIRST FLOOR
 - 4" PERIMETER PERLITE CANT STOP
 - PERLITE ROOF CANTS
 - CALVANIZED STEEL LADDER FROM LOWER ROOF TO ACCESS HIGHER ROOF.
 - PROPOSED LOCATION OF NEW HVAC UNITS
 - ROOF MATCH ACCESS
 - EXISTING ROOF
 - EXISTING HVAC UNITS
 - EXISTING STANDING SEAM CANOPY ROOFING
 - EXISTING ROOF ACCESS MATCH
 - NEW STANDING SEAM CANOPY ROOFING TO MATCH EXISTING
 - NEW TRANSITION ROOF TO CONNECT NEW ADDITION TO EXISTING

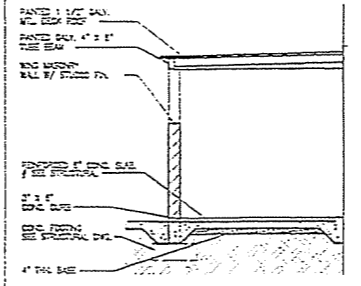


POLLOUH KELLOGG DESIGN GROUP
ARCHITECTURE PLANNING INTERIOR DESIGN
6400 Conroy Avenue, Suite 215
Woodland Hills, CA 91367
(818) 313-0813 (F) 818-313-0817

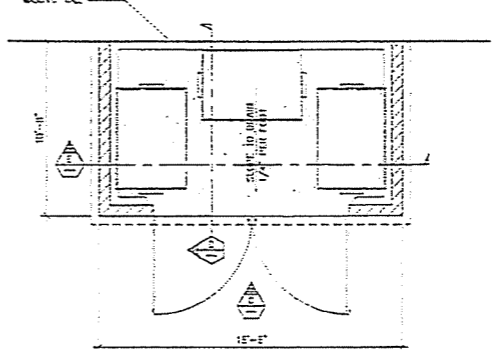
ATK Space Systems Group
Building addition
600 NINE AVENUE, GOLETA, CALIFORNIA 93117



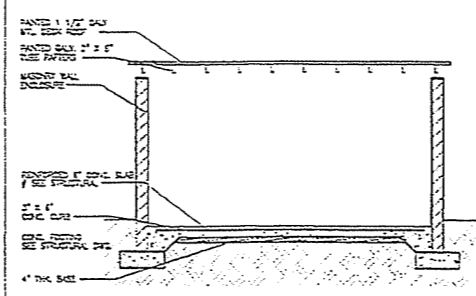
GREEN SCREEN DETAILS
SCALE: 1/4" = 1'-0"
F



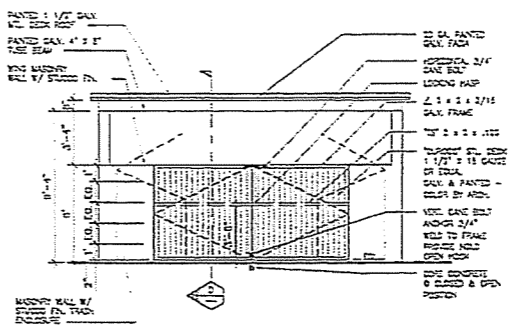
TRASH ENCLOSURE SECTION
SCALE: 1/4" = 1'-0"
D



TRASH ENCLOSURE PLAN
SCALE: 1/4" = 1'-0"
B



TRASH ENCLOSURE SECTION
SCALE: 1/4" = 1'-0"
E



PARTIAL TRASH ENCLOSURE ELEVATION
SCALE: 1/4" = 1'-0"
C

PROJECT DIRECTORY

Building addition for ATK Space Systems Group
ADDRESS: 600 NINE AVENUE, GOLETA, CA 93117

CLIENT/OWNER:
THE TORRES GROUP, INC.
21 East Victoria Street
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CONTACT: PAUL ZIMMERMAN (pzimmerman@torres.com)

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CONTACT: BRIAN POLLOUH (bpollouh@pkd.com)
KYLE VILLARI (kvillari@pkd.com)

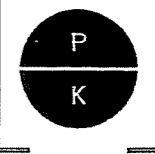
CIVIL ENGINEER:
PENFIELD AND SMITH
111 East Victoria Street
Santa Barbara, CA 93101
PHONE: (805) 963-1533 FAX: (805) 966-1501
CONTACT: STEVE WANG (sw@penfieldandsmith.com)

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CONTACT: KIMBERLY TRINE (kim@susinding.com)

A3.1

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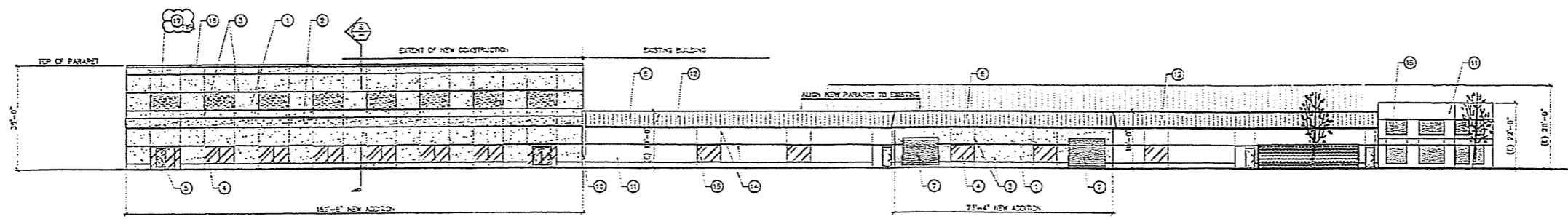
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Drawn By: PKD
Project No: 09-055-00
Date: AS NOTED
Scale: AS NOTED
Sheet: A3.1



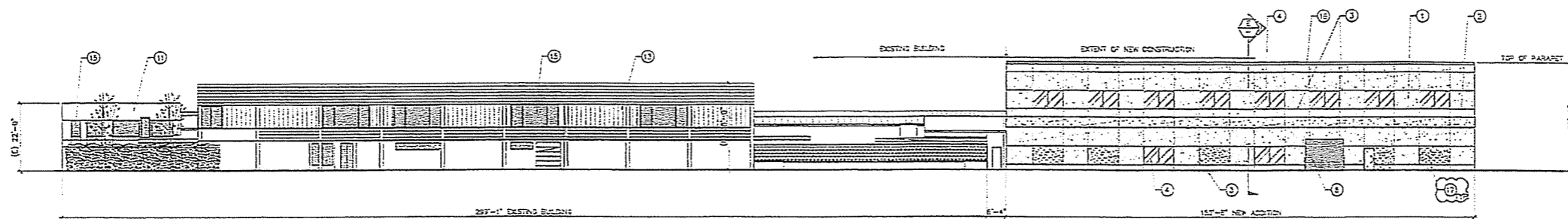
POLYQUIN KELLOGG DESIGN GROUP
 ARCHITECTURE PLANNING INTERIOR DESIGN
 6400 Serrano Avenue, Suite 215
 San Jose, CA 95120
 (415) 353-0813 (F) (415) 313-0817

ATK Space Systems Group
 Building addition

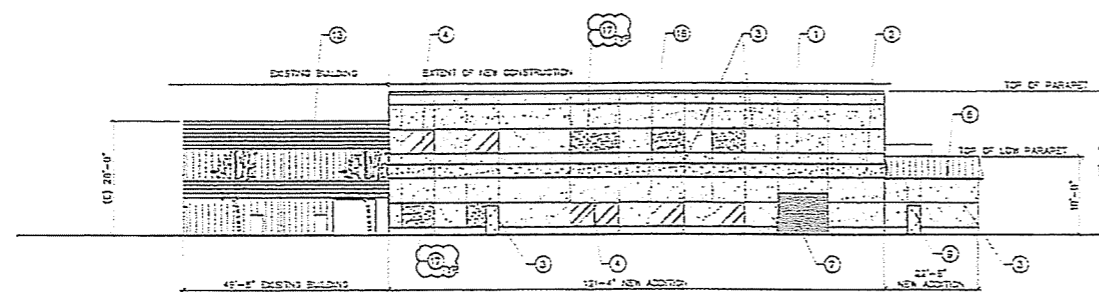
6000 PINE AVENUE, GOLETA, CALIFORNIA 93117



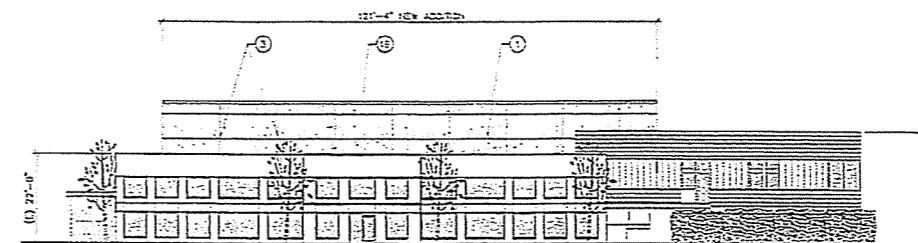
NORTH ELEVATION A
 SCALE: 1/16" = 1'-0"



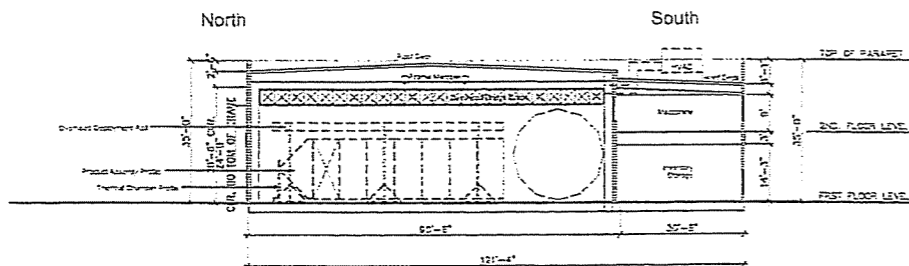
SOUTH ELEVATION B
 SCALE: 1/16" = 1'-0"



EAST ELEVATION D
 SCALE: 1/16" = 1'-0"



WEST ELEVATION C
 SCALE: 1/16" = 1'-0"



BUILDING CROSS SECTION E
 SCALE: 1/16" = 1'-0"

KEYNOTES

- 1 MASONRY WALL WITH STUCCO FINISH
- 2 3" THICK X 2"-3" WIDE HORIZONTAL SLAB, ASBESTOS CEMENT WITH PLASTER FINISH AND 1/2" VERTICAL REVEALS
- 3 1/2" WIDE ALUMINUM VERTICAL AND HORIZONTAL REVEALS WITH PREFABRICATED INTERSECTION PIECES
- 4 DUAL GLAZED BRIDGE WINDOWS WITH DARK BRONZE ANODIZED FRAMES TO MATCH EXISTING WINDOWS
- 5 1/4" GLASS DOOR AND STOREFRONT WINDOWS
- 6 STANDING SEAM CANOPY ROOFING TO MATCH EXISTING
- 7 10' HIGH X 10' WIDE ROLL-UP DOOR
- 8 10' HIGH X 10'-6" WIDE ROLL-UP DOOR
- 9 PAINTED HOLLY METAL DOOR
- 10 KYNAR PAINTED ALUMINUM EXPANSION JAIL PIECE BETWEEN WALLS OF EXISTING AND NEW ADDITION
- 11 EXISTING PAINTED STUCCO
- 12 EXISTING STANDING SEAM CANOPY ROOFING
- 13 EXISTING PAINTED WOOD PANELING
- 14 EXISTING 1/2" WIDE ALUMINUM VERTICAL AND HORIZONTAL REVEALS
- 15 EXISTING BRIDGE WINDOWS WITH DARK BRONZE ANODIZED FRAMES
- 16 6" WIDE PARAPET TOP BAND
- 17 RECESSED ARCHITECTURAL MASONRY FEATURE

NOTE: ALL NEW EXTERIOR WALL PAINT COLOR AND STANDING SEAM PAINT COLOR TO MATCH EXISTING COLORS.

PROJECT DIRECTORY

Building addition for ATK Space Systems Group
 ADDRESS: 6000 PINE AVENUE, GOLETA, CA 93117

CLIENT/OWNER:

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DVL ENGINEER:

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 NAO VILLARIN (nao@polyquin.com)

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 10 East 182nd
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 CONTACT: KIMBERLY TRICE (kim@slongdesign.com)

Revised	Date	By
PLANNED SCHED. 07/12/02		
20% PLANNED SCHED. 07/18/02		
50% PLANNED SCHED. 11/14/02		

Sheet No:	
Project No:	02-055-00
Date:	
Scale:	AS NOTED
Sheet:	A4.1

PROPOSED EXTERIOR ELEVATIONS

CONCEPT PLANT SCHEDULE

SYMBOL	BOTANICAL NAME / COMMON NAME	SIZE	QTY	REMARKS
(Symbol)	FLOWERING ACCENT TREE JACARANDA MIMOSIFOLIA / JACARANDA FRAXS GERARDIANA / PURPLE-LEAF PLUM	5 GAL OR 24" BOX	22	
(Symbol)	PARKING LOT AND FUTURE STREET TREES QUERUS PARVIFOLIA / AUSTRALIAN HELLON STANDARD QUERUS TONTOLEA / ISLAND OAK	5 GAL OR 24" BOX	11	
(Symbol)	SCREENING BARRIER TREES QUERUS PARVIFOLIA / AUSTRALIAN HELLON STANDARD LOROSTEMON CONFERTUS / BRISBANE BOX MANGROVIA LITTLE LEAF / MANGROVIA	5 GAL OR 24" BOX	36	
(Symbol)	PAVING ACRODOROSYK CONDENSUMANA / KING PALM STACIS ROYANOPETRIAN / QUEEN PALM	24" BOX	10	
(Symbol)	SCREENING BARRIER TREES QUERUS PARVIFOLIA / COAST LIVE OAK	5 GAL	10	
(Symbol)	SCREENING BARRIER TREES LIGUSTRUM TEXANUM / TEXAS PRIVET FRITONIA X FRAXS / FRITONIA WESTRINGIA FRUTICOSA / COAST ROSEMARY	5 GAL	230	
(Symbol)	PARKING LOT TREES RHAPHIOLEPIS INDOA / BALLENA / BALLENA COBAN HARTHORN RHAPHIOLEPIS MELALATA YAGOR / TEDDA HARTHORN	5 GAL	115	
(Symbol)	SCREENING BARRIER TREES MANGROVIA DOBSONIA / HEAVENLY BAMBOO	1 OR 5 GAL	47	
(Symbol)	PAVING FICUS PUMILA YENMA / CREEPING FIG PANDORA JASNYGOSIS / BOYER VINE	5 GAL	7	

SYMBOL	BOTANICAL NAME / COMMON NAME	QTY TO BE REMOVED
(Symbol)	AVO	0
(Symbol)	JAC	2
(Symbol)	LIQ	0
(Symbol)	LIQ	1
(Symbol)	LOP	2
(Symbol)	FLA	0
(Symbol)	POP	0
(Symbol)	QE	4 (IDE MATRE)
(Symbol)	QE PAR	0
(Symbol)	ROS	0
(Symbol)	SGH	3
(Symbol)	TIP	6

EXISTING TREE LEGEND

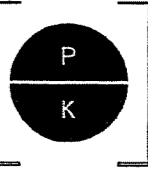
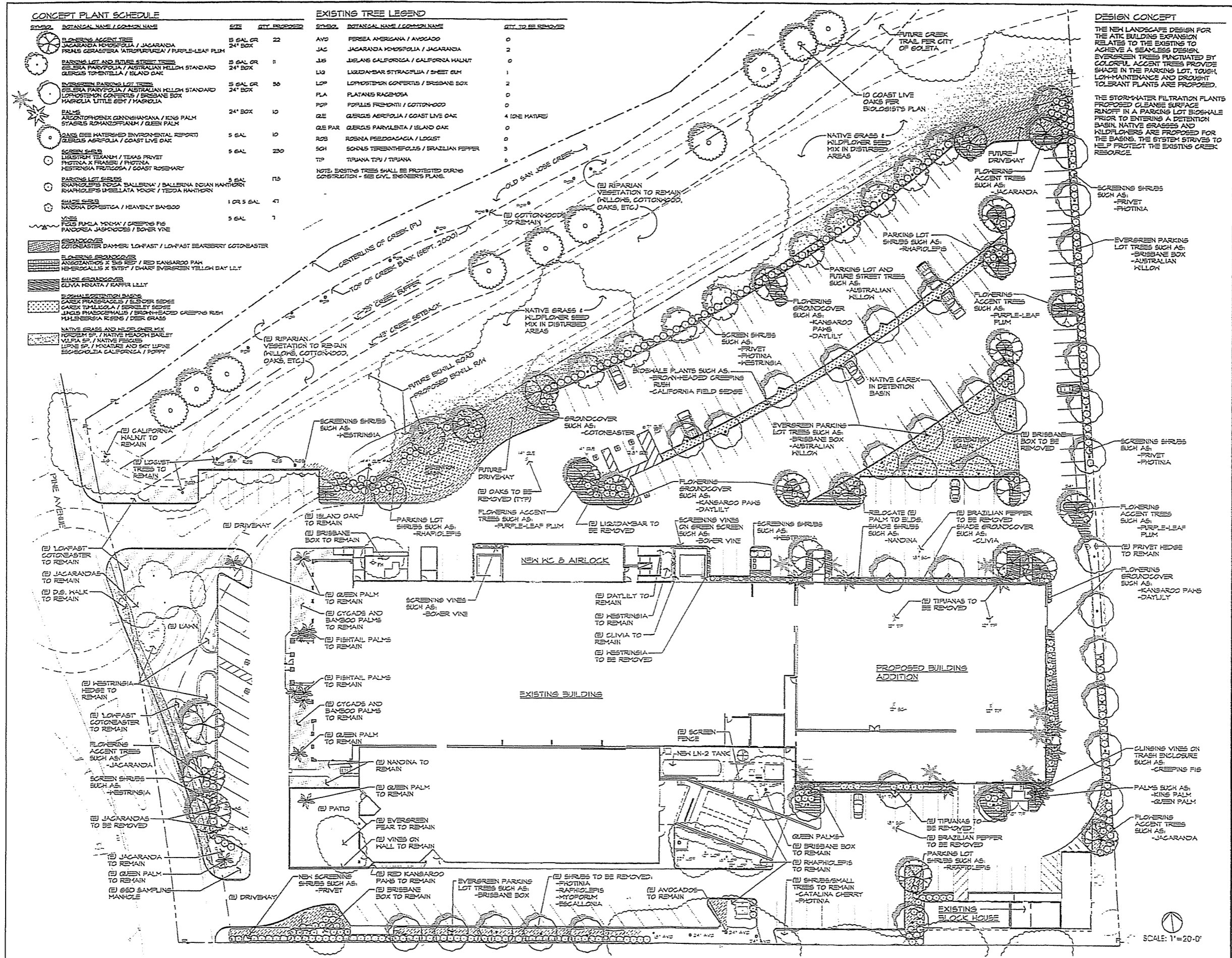
SYMBOL	BOTANICAL NAME / COMMON NAME	QTY TO BE REMOVED
(Symbol)	AVO	0
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(Symbol)	LOP	2
(Symbol)	FLA	0
(Symbol)	POP	0
(Symbol)	QE	4 (IDE MATRE)
(Symbol)	QE PAR	0
(Symbol)	ROS	0
(Symbol)	SGH	3
(Symbol)	TIP	6

NOTE: EXISTING TREES SHALL BE PROTECTED DURING CONSTRUCTION - SEE CIVIL ENGINEER'S PLANS

DESIGN CONCEPT

THE NEW LANDSCAPE DESIGN FOR THE ATK BUILDING EXPANSION RELATES TO THE EXISTING TO ACHIEVE A SEAMLESS DESIGN. EVERGREEN TREES FRAGMENTED BY COLORFUL ACCENT TREES PROVIDE SHADE IN THE PARKING LOT. TOUGH, LOW-MAINTENANCE AND DROUGHT-TOLERANT PLANTS ARE PROPOSED.

THE STORM-WATER FILTRATION PLANTS PROPOSED CLEANSE SURFACE RUNOFF IN A PARKING LOT BIOSHALE PRIOR TO ENTERING A DETENTION BASIN. NATIVE GRASSES AND KILDFLOWERS ARE PROPOSED FOR THE BASIN. THE SYSTEM STRIVES TO HELP PROTECT THE EXISTING CREEK RESOURCE.



POLIOHIN KELLOGG DESIGN GROUP
 ARCHITECTURAL PLANNING & INTERIOR DESIGN
 61000 Canoga Avenue, Suite 215
 Woodland Hills, CA 91367
 (818) 709-3103 FAX (818) 710-0877



ATK Space Systems Group
 Building addition

CONCEPTUAL LANDSCAPE PLAN
 Case #20-27-01-00-RV
 Drawn By: KJT
 Project No: 0818
 Date: 0818
 Scale: 1" = 20'-0"
 Sheet: CL-1

REVISION	DATE	BY

Sheet Title:
CONCEPTUAL LANDSCAPE PLAN
 Case #20-27-01-00-RV
 Drawn By: KJT
 Project No: 0818
 Date: 0818
 Scale: 1" = 20'-0"
 Sheet: CL-1

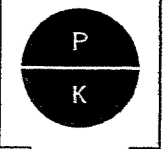
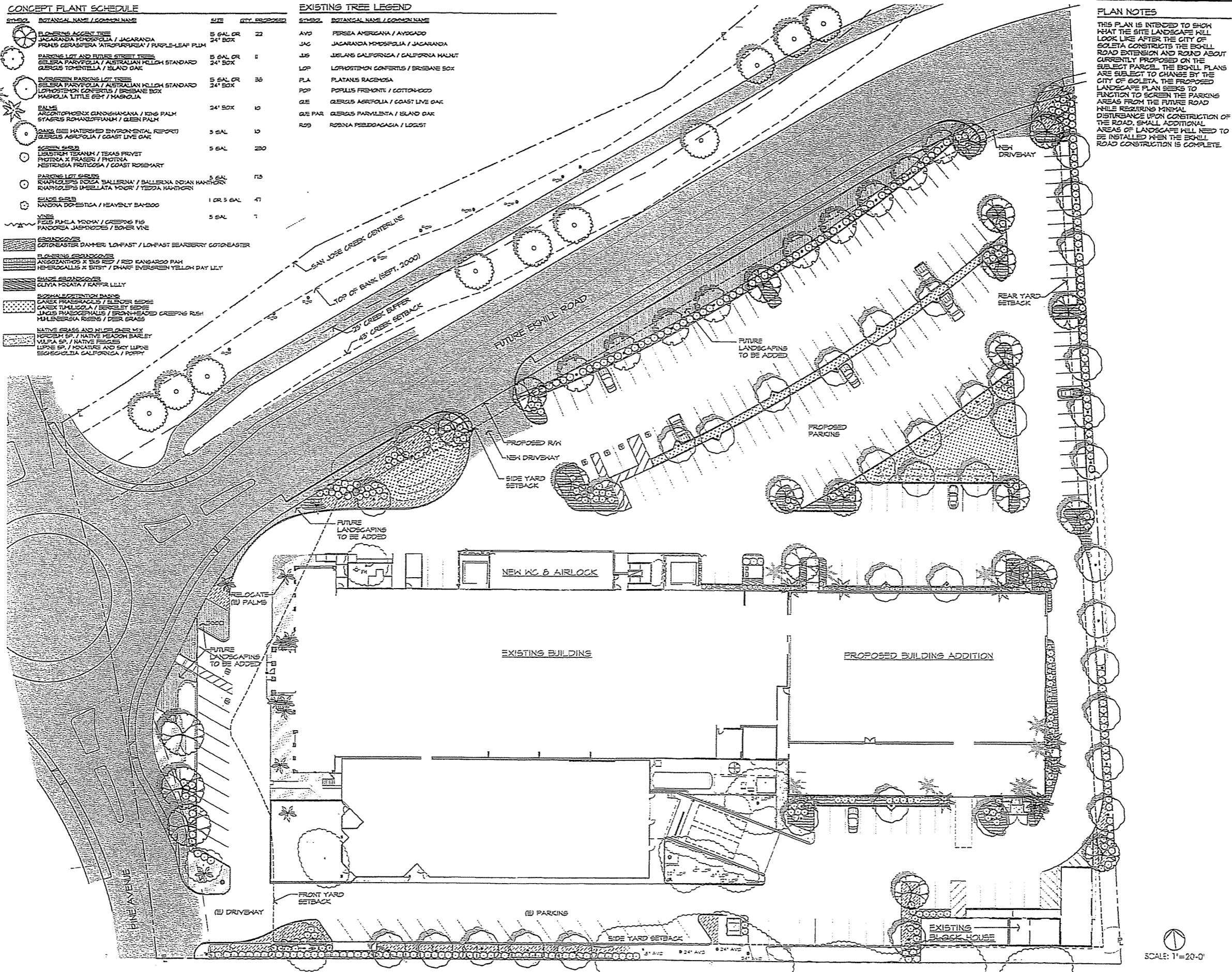
CONCEPT PLANT SCHEDULE

SYMBOL	BOTANICAL NAME / COMMON NAME	SIZE	QTY. (ESTIMATED)
	BLOSSOMING ACACIA TREE JACARANDA MIMOSIFOLIA / JACARANDA FRAXINUS CERASIFERA 'ATROPURPUREA' / PURPLE-LEAF PLUM	5 GAL OR 24" BOX	22
	PARKING LOT AND DRIVEWAY TREES QUERCUS PARVIFOLIA / AUSTRALIAN HOLLOW STANDARD QUERCUS TOBENTELLA / ISLAND OAK	5 GAL OR 24" BOX	11
	IMMERSION PARKING LOT TREES QUERCUS PARVIFOLIA / AUSTRALIAN HOLLOW STANDARD LOROSTEMON CONFERTUS / BRISBANE BOX MAGNOLIA LITTLE COTY / MAGNOLIA	5 GAL OR 24" BOX	36
	PALMS ARCHONTOPODIX CUNNINGHAMIA / KING PALM SYZYGIA RHANGOPHANH / GREEN PALM	24" BOX	15
	OLIVE (SEE WATERSHED ENVIRONMENTAL REPORT) QUERCUS AGRIFOLIA / COAST LIVE OAK	5 GAL	10
	SCREEN SHADE LEUCISTRA TEXANUM / TEXAS PRIVET PHOTINIA X FRASER / PHOTINIA NESTORICA FRUTICOSA / COAST ROSEMARY	5 GAL	230
	PARKING LOT SHRUBS RHAPISODIUM ROSEA 'BALLESTRA' / BALLESTRA INDIAN HANTHORN RHAPISODIUM UNICOLOR / TEPAL HANTHORN	5 GAL	115
	SHADE SHADE MADONNA DOMESTICA / HEAVELY BANBOO	1 OR 3 GAL	41
	VINES FICUS FUNEA YODON / GREENING FIG PANDORA JASMINODES / BOYER VINE	5 GAL	7
	GROUNDCOVER COTONEASTER DAMERI LOWFAST / LOWFAST BEARBERRY COTONEASTER		
	FLOWERING GROUNDCOVER ANGOSTHOSIS X BULB RUSH / RED BANGALOO PAM HEBERCALLIS X BENTLEY / PHAEO EVERGREEN YELLOW DAY LILY		
	SHADE GROUNDCOVER OLYVA MACATA / KAFFIR LILLY		
	BUSHY BERTONIA PLANTS CAREX FRAXINODES / SILVER EDGE CAREX THUNBERGII / BENTLEY EDGE JUNCUS PHAEOCAULIS / BROWN-HEADED GREENING RUSH HIMELBERGIA RIGENS / DEER GRASS		
	NATIVE GRASSES AND MIXED GRASS MIX HOPODON SP. / NATIVE PEACOCK BARLEY MILPA SP. / NATIVE TIGER LUPINE SP. / HOUSTON AND SOY LUPINE BOECHOLIA CALIFORNICA / PORRY		

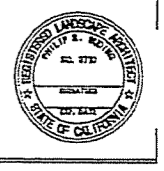
EXISTING TREE LEGEND

SYMBOL	BOTANICAL NAME / COMMON NAME
	AVO PERSEA AMERICANA / AVOCADO
	JAC JACARANDA MIMOSIFOLIA / JACARANDA
	JUS JUSULUS CALIFORNICA / CALIFORNIA HAWAII
	LDP LOROSTEMON CONFERTUS / BRISBANE BOX
	PLA PLATANUS RACEMOSA
	POP POPULUS FREMONTI / COTTONWOOD
	QLE QUERCUS AGRIFOLIA / COAST LIVE OAK
	QLE PAR QUERCUS PARVIFOLIA / ISLAND OAK
	RDB ROSA RUBROGALGICA / LOGST

PLAN NOTES
 THIS PLAN IS INTENDED TO SHOW WHAT THE SITE LANDSCAPE WILL LOOK LIKE AFTER THE CITY OF GOLETA CONSTRUCTS THE EXHILL ROAD EXTENSION AND ROAD ABOUT CURRENTLY PROPOSED ON THE SUBJECT PARCEL. THE EXHILL PLANS ARE SUBJECT TO CHANGE BY THE CITY OF GOLETA. THE PROPOSED LANDSCAPE PLAN SEEKS TO FUNCTION TO SCREEN THE PARKING AREAS FROM THE FUTURE ROAD HILLS REGARDING MINIMAL DISTURBANCE UPON CONSTRUCTION OF THE ROAD. SMALL ADDITIONAL AREAS OF LANDSCAPE WILL NEED TO BE INSTALLED WHEN THE EXHILL ROAD CONSTRUCTION IS COMPLETE.



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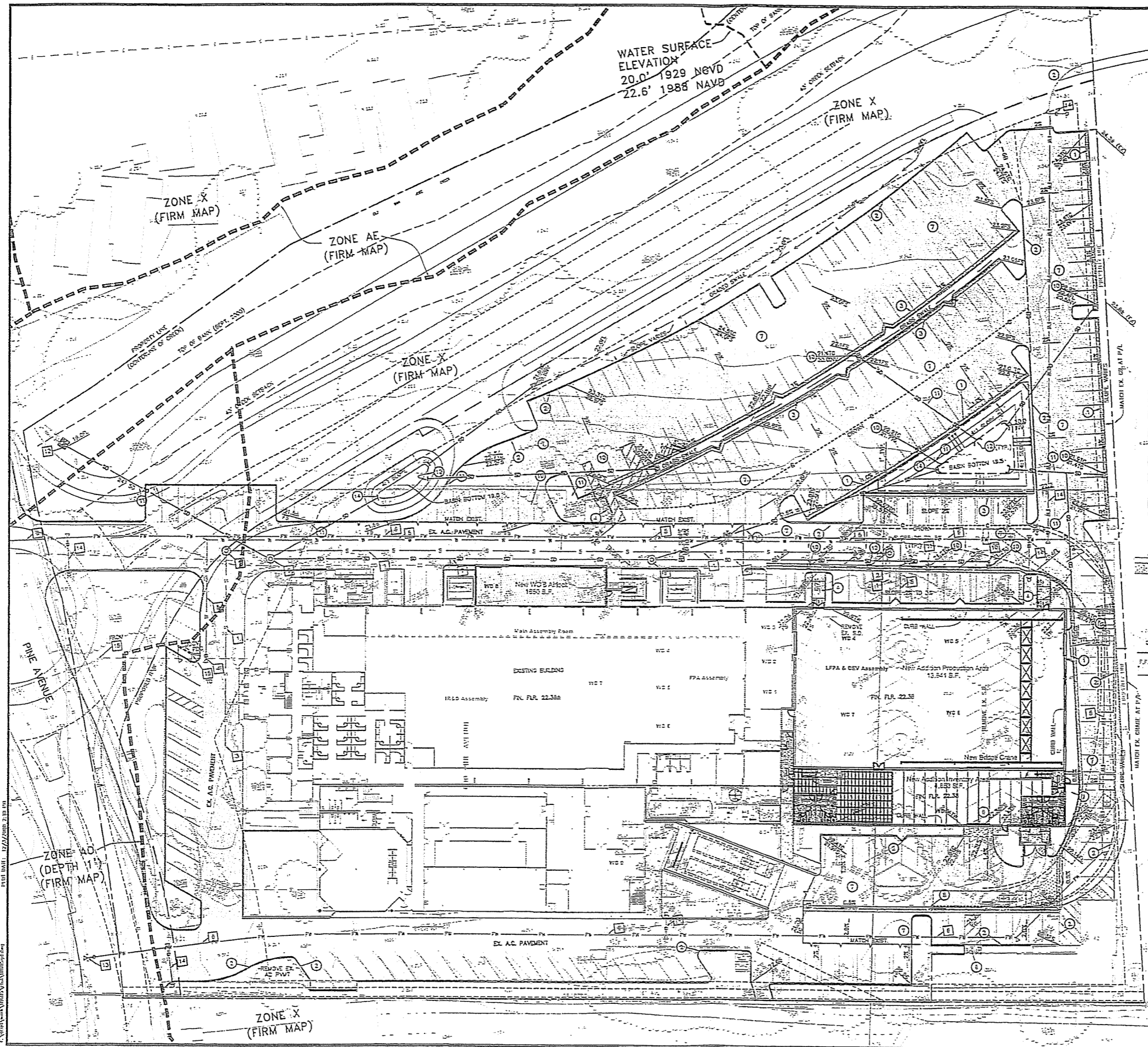
ATK Space Systems Group
 Building addition
 6300 AIR FORCE AVENUE
 GAITHERSBURG, MARYLAND 20878

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 STUDIO DESIGN
 LANDSCAPE ARCHITECTURE
 112 East Main Street
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Revisions	Date	By
PLANNING SUBJECT	8/1/05	
PLANNING SUBJECT	12/17/05	
PLANNING SUBJECT	11/14/05	
PLANNING SUBJECT	11/14/05	

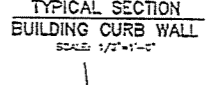
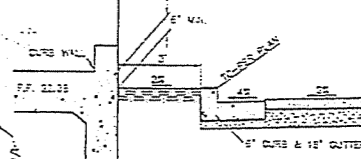
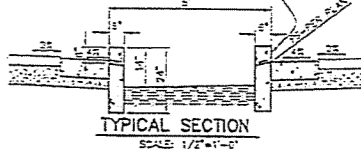
Sheet No: **EKWILL EXTENSION FUTURE CONCEPTUAL LANDSCAPE PLAN**
 Drawn By: **KJT**
 Project No: **0515**
 Date: **0515**
 Scale: **1"=20'-0"**
 Sheet: **CL-2**

SCALE: 1"=20'-0"

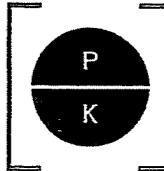


- GRADING CONSTRUCTION NOTES**
1. CONSTRUCT 6" CONCRETE CURB AND 18" OUTER.
 2. CONSTRUCT 6" CONCRETE CURB.
 3. CONSTRUCT 6" CONCRETE CURB AND 18" OUTER WITH 12" OPENINGS AT 5' O.C. AND DESIGNED EDGE.
 4. CONSTRUCT 4" THICK CONCRETE SIDEWALK OVER 4" MIN. C. 2 AGGREGATE BASE.
 5. CONSTRUCT 4" THICK CONCRETE WHEELBAR CURB RAMP OVER 4" MIN. C. 2 AGGREGATE BASE.
 6. CONSTRUCT 6" MIN. THICK CONCRETE SLAB WITH 24 REBAR AT 18" O.C. OVER 4" MIN. C. 2 AGGREGATE BASE MATERIAL.
 7. CONSTRUCT 2" (ASSUMED) ASPHALT CONCRETE OVER 6" (ASSUMED) C. 2 AGGREGATE BASE MATERIAL.
 8. CONSTRUCT 6" THICK CONCRETE REASON CUTTER - WITH 18" R.
 9. CONSTRUCT RETAINING WALL OR CURB WALL.
 10. CONSTRUCT CATCH BASIN, OR MODIFY EXISTING.
 11. CONSTRUCT STORM DRAIN.
 12. CONSTRUCT CONCRETE HEADWALL.
 13. CONSTRUCT GRADED BITCH OR SCALE.
 14. CONSTRUCT MULTI-ORifice BASIN, OUTLET STRUCTURE AND CONNECT TO OUTLET PIPE.

- UTILITY CONSTRUCTION NOTES**
1. CONSTRUCT 4" DIA. SERVICE PVC SEWER LINE AND CONNECT TO EXISTING PIPING.
 2. CONSTRUCT 4" DIA. CONCRETE SEWER MANHOLE.
 3. CONNECT 4" DIA. PVC SEWER SERVICE TO EXISTING SEWER SERVICE.
 4. CONSTRUCT 4" TAPPING VALVE AND SLEEVE ON EXISTING WATER SERVICE.
 5. CONSTRUCT 4" DIA. C. 200 PVC WATER SERVICE AND CONNECT TO BUILDING PIPING.
 6. CONSTRUCT 8" DIA. C. 200 PVC FIRE WATER SERVICE.
 7. CONSTRUCT 18" DIA. HDPE STORM DRAIN PIPE.
 8. CONSTRUCT 18" DIA. HDPE STORM DRAIN PIPE.
 9. CONSTRUCT STORM DRAIN MANHOLE.
 10. CONSTRUCT CLEANOUT.
 11. CONNECT EXISTING CATCH BASINS TO PROPOSED PIPE WITH 12" DIA. PIPES AND WYE CONNECTIONS.
 12. REMOVE AND REPLACE STORM DRAIN AT EXISTING LOCATION. CONSTRUCT 5'x6' ROCK RE-RAP, MIN. 12" THICK WITH NO GROUT.
 13. CONSTRUCT 6" TAPPING VALVE AND SLEEVE ON EXISTING WATER SERVICE.
 14. CONSTRUCT 6"x8" W/4" TEE, 6" GATE VALVE, VALVE CAN, CONCRETE THROTTLE BLOCK, 8" PVC FIRE WATERLINE, AND COMMERCIAL FIRE WATERLINE.
 15. RELOCATE AND RECONNECT EXISTING 24" SLOUGH PREVENTER TO LOCATION PER PLAN. CONSTRUCT 12" DIA. OPENINGS AT 5' O.C.



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AIK Space Systems Group
 Building addition

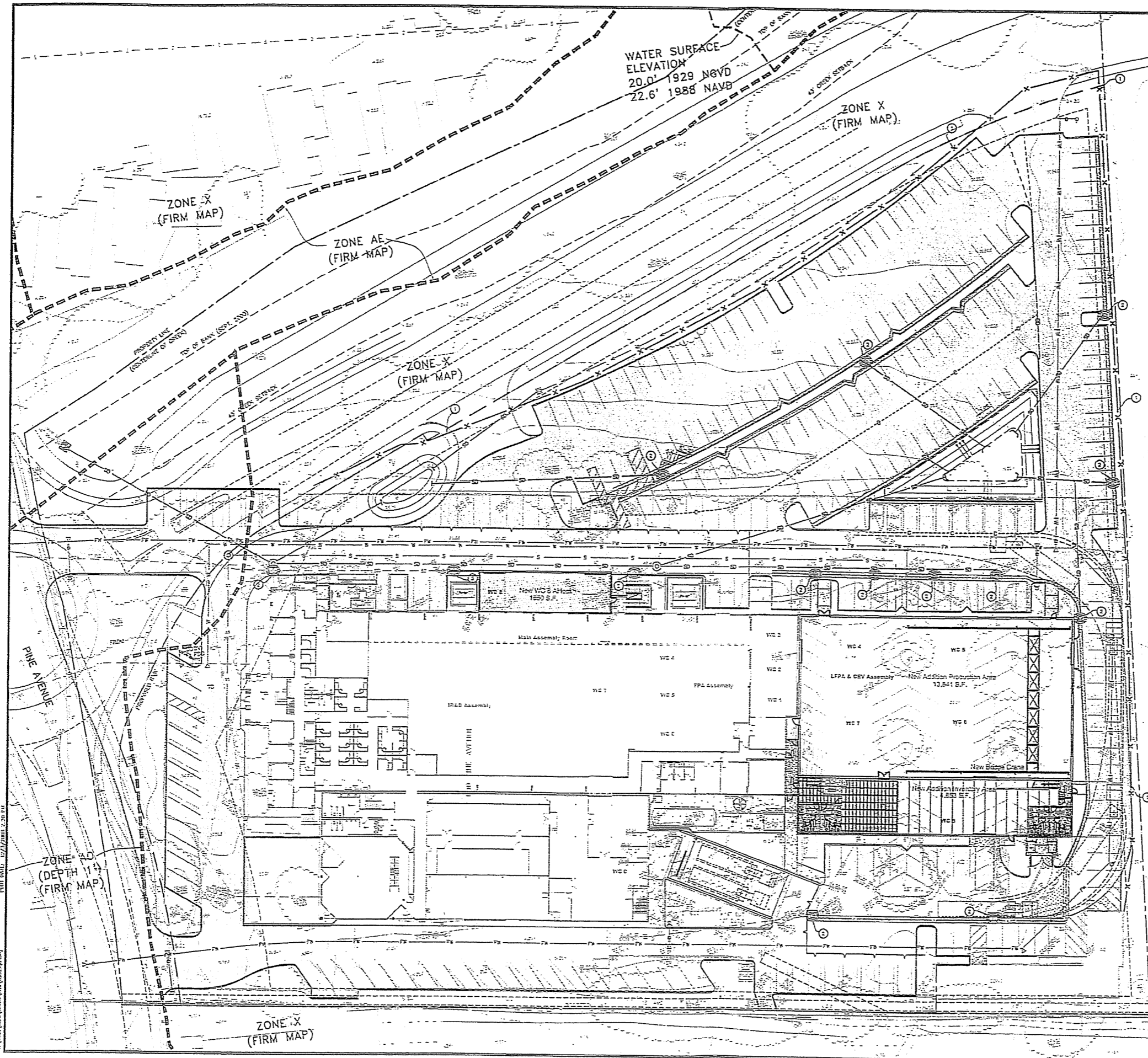
SOLELY, CALIFORNIA 94117
 GOD PHIL. 08/15/08
 CASE NO. 08-157-DP RV

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Sheet No. 08-055-02
 PRELIMINARY GRADING AND DRAINAGE PLAN
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 Project No. [Number]
 Date: 08-055-02
 Scale: AS NOTED

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EROSION CONTROL LEGEND

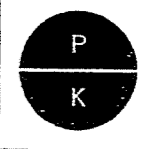
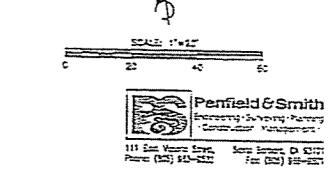
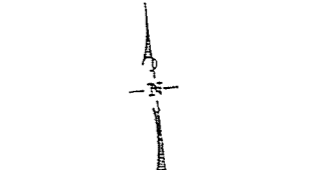
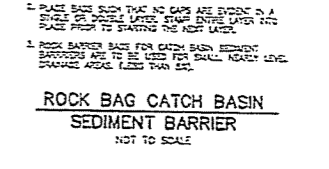
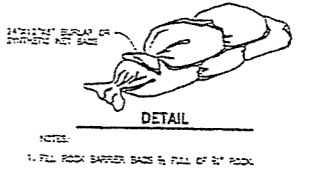
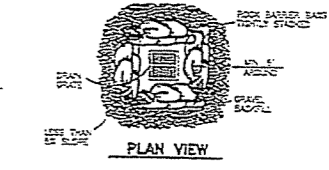
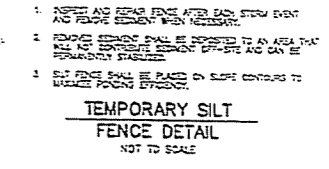
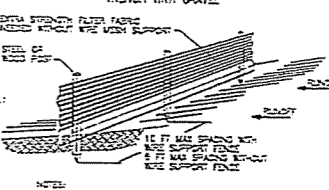
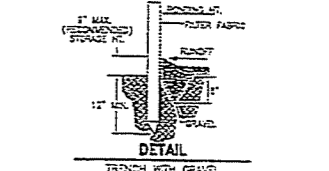
- ① EROSION CONTROL CONSTRUCTION NOTE
- ROCK BAG SEDIMENT BARRIER
- ✕ SILT FENCE

EROSION CONTROL CONST. NOTES

1. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
2. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE EROSION CONTROL PLAN AND THE EROSION CONTROL CONSTRUCTION NOTES.

GENERAL NOTES

1. THE PLAN SHOWS THE EXISTING TOPOGRAPHY AND THE PROPOSED CONSTRUCTION. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE EROSION CONTROL PLAN AND THE EROSION CONTROL CONSTRUCTION NOTES.
2. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
3. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE EROSION CONTROL PLAN AND THE EROSION CONTROL CONSTRUCTION NOTES.
4. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE EROSION CONTROL PLAN AND THE EROSION CONTROL CONSTRUCTION NOTES.
5. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE EROSION CONTROL PLAN AND THE EROSION CONTROL CONSTRUCTION NOTES.



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Building addition
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CASE NO. 08-157-DF-IV

NO.	DESCRIPTION	DATE	BY
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