



**BOARD OF SUPERVISORS AGENDA ITEM REPORT**  
**CONTRACTS / AWARDS / GRANTS**

Requested Board Meeting Date: January 17, 2017

or Procurement Director Award ☐

**Contractor/Vendor Name (DBA):** Sundt Construction, Inc.

**Project Title/Description:**

Construction Manager at Risk (CMAR) Services For New Pima Animal Care Center

**Purpose:**

Amendment of Award: Contract No. CT-FM-16-029, Amendment No. One (1). This amendment is for the construction phase of the contract and extends the term of the contract to December 28, 2018, amends the scope of work, and increases the contract amount by \$16,294,393.00 through the incorporation of an accepted Guaranteed Maximum Price (GMP), schedule, and scope of work. Administering Department: Facilities Management.

**Procurement Method:**

Pursuant to Solicitation for Qualifications No. 172624, on August 11, 2015, the Board of Supervisors awarded a contract for this project in the amount of \$245,843.00 for the initial contract phase which included preconstruction services for a contract term of August 11, 2015 to January 26, 2017.

Attachment: Amendment No. One (1)

**Program Goals/Predicted Outcomes:**

The construction of the new Pima Animal Care Center within the approved contract value and completed within the approved schedule.

**Public Benefit:**

A new animal care facility that provides high quality services to the public by keeping animals healthy, rehabilitating the sick and injured pets, all while displaying animals in a more convenient, modern, efficient and friendly way that will maximize the number of pets saved each year and substantially reduce euthanasia rates. The new facility will also improve staff efficiency in order to improve public health, animal licensing and enforcement which are also important services to the public.

**Metrics Available to Measure Performance:**

Completion of the new Pima Animal Care Center within the approved Guaranteed Maximum Price and within the approved construction schedule. Evaluation of contractor's use of contingency when the project is complete and the quality of the completed construction compared to other Pima County buildings.

**Retroactive:**

No

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To: COB - 1-11-17 (1)  
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Addendum

Procure Dept 01/11/17 RM1134

**Original Information**

Document Type: \_\_\_\_\_ Department Code: \_\_\_\_\_ Contract Number (i.e., 15-123): \_\_\_\_\_

Effective Date: \_\_\_\_\_ Termination Date: \_\_\_\_\_ Prior Contract Number (Synergen/CMS): \_\_\_\_\_

☐ Expense Amount: \$ \_\_\_\_\_ ☐ Revenue Amount: \$ \_\_\_\_\_

Funding Source(s): \_\_\_\_\_

Cost to Pima County General Fund: \_\_\_\_\_

Contract is fully or partially funded with Federal Funds? ☐ Yes ☐ No ☐ Not Applicable to Grant AwardsWere insurance or indemnity clauses modified? ☐ Yes ☐ No ☐ Not Applicable to Grant AwardsVendor is using a Social Security Number? ☐ Yes ☐ No ☐ Not Applicable to Grant Awards

If Yes, attach the required form per Administrative Procedure 22-73.

**Amendment Information**Document Type: CT Department Code: FM Contract Number (i.e., 15-123): 16-029Amendment No.: One (1) AMS Version No.: 6Effective Date: January 17, 2017 New Termination Date: 12/28/2018☒ Expense ☐ Revenue ☒ Increase ☐ Decrease Amount This Amendment: \$ 16,294,393.00Funding Source(s): 2014 General Obligation Bonds

Cost to Pima County General Fund: \_\_\_\_\_

Contact: Matt Sage, Commodity/Contracts Officer Matt Sage 1-9-17Department: Procurement, Design and Construction Matt Sage 1/9/17 Telephone: 724-8586Department Director Signature/Date: [Signature] 1-9-17Deputy County Administrator Signature/Date: [Signature] 1-9-17County Administrator Signature/Date: [Signature] 1/11/17  
(Required for Board Agenda/Addendum Items)

**PIMA COUNTY FACILITIES MANAGEMENT**

**PROJECT:** Construction Manager At Risk Services for  
New Pima Animal Care Center

**CONTRACTOR:** Sundt Construction, Inc.  
2015 West River Road, Suite 101  
Tucson, Arizona 85704

**CONTRACT NO.:** CT-FM-16000000000000000029

**AMENDMENT NO.:** One (1)

**FUNDING:** 2014 General Obligation Bond Funds

**CONTRACT**

**NO.** CT-FM-16-029

**AMENDMENT NO.** 01

This number must appear on all  
invoices, correspondence and  
documents pertaining to this  
contract.

**CONTRACT TERM:** 8/11/2015 - 1/26/2017

**TERMINATION PRIOR AMENDMENT:** 1/26/2017

**TERMINATION THIS AMENDMENT:** 12/28/2018

**ORIGINAL CONTRACT AMOUNT:** \$ 245,843.00

**PRIOR AMENDMENT(S):** \$ -

**AMOUNT THIS AMENDMENT:** \$ 16,294,393.00

**REVISED CONTRACT AMOUNT:** \$ 16,540,236.00

**CONSTRUCTION CONTRACT AMENDMENT**

**WHEREAS**, at its regularly scheduled meeting on August 11, 2015, the Board of Supervisors approved the award of a Construction Manager at Risk Contract by COUNTY to CONTRACTOR for the above-named Project; and

**WHEREAS**, CONTRACTOR and COUNTY have completed the majority of pre-construction services and have mutually agreed upon an acceptable Guaranteed Maximum Price (GMP), schedule, and scope of work for the construction of the Project; and

**WHEREAS**, Solicitation for Qualifications No. 172624, upon which the procurement for this contract was based, provided that COUNTY would establish the goal for Small Business Enterprise (SBE) utilization for the construction under this contract in conjunction with the establishment of the GMP; and

**WHEREAS**, CONTRACTOR and COUNTY have reviewed all required documentation regarding available subcontracting opportunities, the certified SBE's who are ready, willing, able and qualified to perform the construction, and have agreed to the establishment of an SBE goal of **8%** for the project; and

**WHEREAS**, CONTRACTOR and COUNTY now agree to incorporate the GMP, SBE goal, and contractual provisions, conditions, terms, agreements and related documents required for the construction phase of the Project into the Contract.

**NOW, THEREFORE**, it is agreed as follows:

**CHANGE:** **ARTICLE 1 – TERM**

**FROM:** "This Contract, as approved by the Board of Supervisors, commences on August 11, 2015 and terminates on January 26, 2017, unless sooner terminated or further extended for Project completion. COUNTY may, with written notice to CMAR, extend this Contract for such additional period or periods as may be required for Project completion."

**TO:** "This Contract, as approved by the Board of Supervisors, commences on August 11, 2015 and terminates on December 28, 2018, unless sooner terminated or further extended for Project completion. COUNTY may, with written notice to CMAR, extend this Contract for such additional period or periods as may be required for Project completion."

**CHANGE: ARTICLE 2 – SCOPE OF WORK**

Add the following paragraph:

"I. The parties agree to proceed to the Construction Services Phase. The Construction Provisions, Scope of Work and GMP for the Construction are hereby included in Appendix "G" to the Contract.

"J. The SBE Goal for this project is **Eight Percent (8%)** of the total cost of Construction"

**CHANGE: Paragraph A of ARTICLE 3 – PRECONSTRUCTION PHASE FEE AND GUARANTEED MAXIMUM PRICE as follows:**

**FROM:** "COUNTY will pay CMAR a Preconstruction Services Phase Fee for Preconstruction Services. The CMAR's Construction Services Phase Fee, plus the cost of the work (direct construction cost) including a contingency, plus bonds, insurance and taxes (indirect construction costs) will comprise the GMP to be established in compliance with **Appendix "B" General Conditions** and **Appendix "C" Construction Costing**. Unless otherwise agreed, CMAR's GMP will include all required sales, use, franchise and other taxes in effect on the date of COUNTRY approval of the GMP, as well as all applicable bond and insurance costs."

**TO:** In consideration of the services specified in this Contract, COUNTY agrees to pay CMAR an amount not to exceed Sixteen Million Five Hundred Forty Thousand Two Hundred Thirty-Six Dollars and Zero Cents (\$16,540,236.00) including Pre-Construction Phase Services in the amount of Two Hundred Forty-Five Thousand Eight Hundred Forty-Three Dollars (\$245,843.00) and Construction Phase Services in the amount of Sixteen Million Two Hundred Ninety-Four Thousand Three Hundred Ninety-Three Dollars and Zero Cents (\$16,294,393.00)."

**CHANGE: Paragraph B of ARTICLE 3 – PRECONSTRUCTION PHASE FEE AND GUARANTEED MAXIMUM PRICE as follows:**

**FROM:** "The Preconstruction Services Phase Fee will not exceed Two Hundred Forty-Five Thousand, Eight Hundred Forty-Three Dollars and Zero Cents (\$245,843.00) inclusive of a \$50,000 contingency for additional preconstruction services due to change in project scope, budget or duration. The Construction Services Phase Fee will be a fixed fee, will be set forth in GMP described in Article 2.E above and, if approved by COUNTY, will be incorporated into this Contract by Amendment."

**TO:** "The Preconstruction Services Phase Fee will not exceed Two Hundred Forty-Five Thousand, Eight Hundred Forty-Three Dollars and Zero Cents (\$245,843.00). CMAR Construction Phase Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance and taxes (indirect construction costs) which comprises the GMP in the amount of Sixteen Million Two Hundred Ninety-Four Thousand Three Hundred Ninety-Three Dollars and Zero Cents (\$16,294,393.00) inclusive of Three Hundred Thirty Thousand Dollars and Zero Cents (\$330,000.00) for COUNTY (Owner) contingency, is hereby included in Appendix "G"."

**ADD:** The following documents to the Contract:

**Appendix 'G' – Construction Costing** consisting of the following documents:

- I. – Summary GMP Estimate (2 pages)
- II. – Scope of Work (Clarifications, Assumptions, and Exclusions) (16 pages)
- III. – Schedule of Values (7 pages)
- IV. – Document List (11 pages)
- V. – Project Schedule (11 pages)
- VI. – Cash Flow Forecast (2 pages)
- VII. – Subcontractor Selections / SBE Requirements (2 pages)

This Amendment shall be effective January 17, 2017

All other provisions of the Contract, not specifically changed by this amendment, shall remain in effect and be binding upon the parties.

**APPROVED:**

\_\_\_\_\_  
Chair, Board of Supervisors

\_\_\_\_\_  
Date

**CMAR:**

Kevin M Burnett  
Signature

Kevin M Burnett, SUP CFO & Treasurer  
Name and Title (Please Print)

1/10/2017  
Date

**ATTEST:**

\_\_\_\_\_  
Clerk of the Board

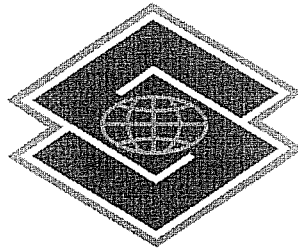
**APPROVED AS TO FORM:**

Andrew Flagg  
Deputy County Attorney

**ANDREW FLAGG**

\_\_\_\_\_  
Name (Please Print)

1/9/2017  
Date



# **SUNDT**

**PIMA ANIMAL CARE CENTER**

**For Pima County**

**95% CONSTRUCTION DOCUMENT  
GUARANTEED MAXIMUM PRICE PROPOSAL**



**SUNDT**

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**PIMA ANIMAL CARE CENTER**  
**95% CONSTRUCTION DOCUMENT**  
**GUARANTEED MAXIMUM PRICE PROPOSAL**

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- II. SCOPE OF WORK (CLARIFICATIONS, ASSUMPTIONS, AND EXCLUSIONS)**
- III. SCHEDULE OF VALUES**
- IV. DOCUMENT LIST**
- V. PROJECT SCHEDULE**
- VI. CASH FLOW FORECAST**
- VII. SUBCONTRACTOR SELECTIONS / SBE REQUIREMENTS**



**SUNDT**

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**I. SUMMARY GMP ESTIMATE**



## Summary of the GMP

**Pima Animal Care Center**  
4000 N. Silverbell Rd  
Tucson, AZ



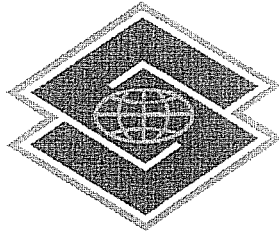
		Phase I: New Amount	Phase II: Existing Amount	Site Amount	GMP Total
Div. 1-33 Costs		\$9,673,411	\$1,118,722	\$1,217,615	\$12,009,748
General Conditions		\$ 423,420	\$ 193,254	\$ -	\$616,674
Contractors Contingency	3.000%	\$ 290,202	\$ 33,562	\$ 36,528	\$360,292
Fee (5%)	5.000%	\$ 564,678	\$ 73,705	\$ 68,847	\$707,230
General Liability Insurance (0.753%)	0.753%	\$ 89,767	\$ 11,717	\$ 10,945	\$112,428
Builders Risk Ins	0.115%	\$ 13,709	\$ 1,789	\$ 1,671	\$17,170
G C Bond	0.800%	\$ 88,369	\$ 16,342	\$ 16,342	\$121,054
95% CD to Final Bldg Permit Allowance	0.000%	\$ 150,000	\$ 25,000	\$ 25,000	\$200,000
Gross Receipts Tax (5.265%)	5.2650%	\$ 627,652	\$ 81,924	\$ 76,525	\$786,101
<b>Total Project Cost</b>		<b>\$11,921,208</b>	<b>\$1,556,015</b>	<b>\$1,453,475</b>	<b>\$14,930,697</b>
<b>Accepted Alternates</b>					<b>\$1,033,696</b>
Alternates 1,2,3,4,6,8,9,10,11,12,13,14,15,16,17, 18, 19, and 20, plus voluntary alternate no. 2 (for temporary power, water, and gas consumption). Alternates are inclusive of contingency, fee, insurance, bond and taxes.					
<b>Guaranteed Maximum Price</b>					<b>\$15,964,393</b>
<b>County Contingency</b>					<b>\$330,000</b>
County Contingency number is carried outside the construction contract and does not include indirect costs (contingency, fee, insurance bond or taxes)					
<b>Total Contract Cost</b>					<b>\$16,294,393</b>



**SUNDT**

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**II. SCOPE OF WORK (CLARIFICATIONS, ASSUMPTIONS, AND EXCLUSIONS)**



# SUNDT

**CM / GC**

**SCOPE DOCUMENT  
CLARIFICATIONS AND ASSUMPTIONS**

**for**

**Pima Animal Care Center**

**95% CONSTRUCTION DOCUMENTS  
GUARANTEED MAXIMUM PRICE**

**Prepared by:**

**SUNDT CONSTRUCTION, INC.  
Tucson, Arizona  
January 9, 2017**

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## **I. PROJECT OVERVIEW**

### **A. INTENT**

1. This scope document, together with the 95% Construction Documents Drawings and Specifications, dated November 23, 2016, and as modified by the answers to RFI Numbers 1-72 define the general scope of the work for the proposed Pima Animal Care Center in Tucson, Arizona for utilizing the services of SUNDT CONSTRUCTION, INC. (CMAR).

### **B. GENERAL PROJECT SCOPE**

1. The general project scope is listed as follows:
  - a. Gross SF of conditioned building space: 62,490 sf
2. Regulatory Requirements:
  - a. The Owner shall secure all governmental approvals and permits related to the design and construction of the project other than those listed in 2.c below.
  - b. All costs for permits and fees associated with the project (except as noted in 2.c below) including building (structural, mechanical / plumbing / electrical) permits, plan check fees including deferred submittals (other than fire protection), off-site permits and plan check fees for utilities (if required), sewer assessment fees, water meter and associated fees, utility (electric and gas) company meters and fees, owner required environmental permits, grading permits, demolition permits, and impact fees (including Tucson Water, CAP, and Tucson FD) are by Owner.
  - c. Sundt Construction to provide the NESHAP permit, trailer permit, signage permit, locating fees, fire protection permits and fees, SWPPP permit, sewer flow management plan, and traffic control plan associated with the construction work.
3. Critical schedule dates:
  - a. Notice to Proceed (NTP) is required no later than January 23, 2017 to allow sufficient time to obtain insurance, bonds, and execute critical subcontract agreements to facilitate a timely start of construction.
  - b. In order to facilitate a start to the construction activities, building permits are required no later than January 31, 2017 to facilitate a start of work on February 1, 2017.
  - c. Phase I open for business on December 26, 2017.
4. Included in the GMP are funds for a CMAR Contingency. These funds are intended to cover increases in the Cost of the Work that could not have been reasonably anticipated within the GMP. In order to satisfy section 7.11.2.1 of the General Conditions of the project (Appendix B), examples of risks that the CMAR Contingency might cover include (but are not limited to):
  - a. Increases to trade bidder costs due to estimated amounts that were included in the GMP.
  - b. Increases to trade bidder costs due to the subcontractors refusing to sign a subcontract due to bid errors, unforeseen escalation, or

workload conflicts that developed between the original bid date and the start of construction.

- c. Acceleration costs expended to maintain key delivery dates for the project.
  - d. Additional General Conditions or General Requirement costs for delays due to weather delays causing a delay to the critical path, etc.
  - e. Increased costs for work on existing site or in the existing building which could not be physically inspected prior to the establishment of the GMP.
5. Building Information Modeling:
- a. Sundt will furnish the applicable trades a copy of the clashed BIM model performed during the preconstruction phase of the project.
  - b. Sundt will provide a means to display the BIM model created in the preconstruction phase of the project in the project trailer.
6. Liquidated damages have been established at \$1,500 per calendar day.
7. Sundt must obtain prior approval from Pima County prior to billing for any safety items on the project.
8. Pima County will make available internet connection capability for project personnel stationed on site during Phase II only.

**C. INFORMATION REQUIRED TO DEVELOP THE LAND**

- 1. Owner shall provide Property Survey (ie: Alta, Topographic, Boundary).
- 2. Owner shall provide Geotechnical Reports.
- 3. Owner shall provide Environmental Assessment Reports.
- 4. Owner shall provide Hazardous Materials Reports.

**D. QUALITY ASSURANCE**

- 1. Contractor shall coordinate a quality assurance program (testing and special inspections) which will be paid for by the Owner. The program shall include the following:
  - a. Earthwork observation and testing by an independent agency.
  - b. Bituminous observation and testing by an independent agency.
  - c. Cast-in-place concrete observation and testing by an independent agency.
  - d. Structural steel observation by an independent agency.
  - e. Architect's, Civil Engineer's, Structural Engineer's, Mechanical Engineer's, and Electrical Engineer's reviews and observations.

**E. GMP CONSTRUCTION SCHEDULE**

- 1. SUNDT CONSTRUCTION has prepared and included a Construction Schedule (see Tab V) for the project. This Schedule indicates the dates for starting and completion of the various stages of design and construction, and shall be updated on a regular basis to reflect the actual progress of the work.

2. The construction schedule includes 15 working days of weather related delays for the project. The days included in the construction schedule serve as a placeholder to establish the final completion date of the project. The General Conditions and applicable General Requirements for the project do not include the costs associated with a weather delay. If there is a weather related delay during the project that results in a delay to the critical path, funding for the additional General Conditions and applicable General Requirements may be allocated from the CMAR Contingency. If it is determined that it is more cost effective to accelerate a specific trade to make up the weather related delay in lieu of increasing the General Conditions and applicable General requirements, that may be the preferred path for schedule recovery. Contingency allocation to be with County approval per the contract.
3. The baseline GMP Schedule is predicated upon the acceptance of Alternate No. 6. If this alternate is not accepted there will be an increase in the project duration including associated General Conditions and General Requirements.

#### **F. TEMPORARY CONSTRUCTION**

1. SUNDT CONSTRUCTION shall provide temporary construction, temporary facilities (also refer to Alternates and Exclusions) and temporary utility consumption for construction (also refer to Voluntary Alternate No. 3) to complete project construction, including temporary roadways and parking areas, erosion control structures, material storage areas, enclosures for tools and other equipment, a heated and air conditioned field office, and temporary toilet facilities per the GMP setting documents.
2. Sundt Construction has provided an additive alternate price for the temporary utility consumption (power, water, and gas). Refer to Voluntary Alternate Number 3.
3. Sundt will be furnished a trailer with power for Phase II construction at no cost to Sundt.
4. Project signs, if desired, will be furnished to Sundt, by Owner at no cost, for installation by Sundt, at no cost to Owner.
5. Compensation for Textura Program will be limited to \$2,000.

#### **G. INSURANCE**

1. Pima County will maintain liability insurance for the existing facilities for the duration of the project. Sundt to provide Builder's Risk insurance covering only the value of construction work performed on site. Sundt has expressed a willingness to provide coverage for owner occupied facilities, but it is not included in the current GMP. Team will further evaluate as we move into construction phase.

#### **H. WARRANTY**

1. SUNDT CONSTRUCTION shall repair or replace any defective or faulty work for a period of two (2) years from the date of substantial completion.

2. Phase 1 warranty will start at occupancy, which begins at substantial completion of Phase 1. Phase 2 warranty will start at occupancy, which begins at substantial completion of Phase 2.
3. Twenty-two (22) months after substantial completion, SUNDT CONSTRUCTION and Owner will inspect the project and identify any defects which shall be corrected.
4. Project specific warranties required by the documents beyond the two (2) years are included per the GMP setting documents.

## **II. SYSTEMS DESCRIPTION**

### **A. SITEWORK**

1. Demolition:
  - a. SUNDT CONSTRUCTION shall demolish and remove all items as shown on the current documents, unless requested to be salvaged by the Owner. This includes the disconnection, capping, or removal of affected utilities.
  - b. The following items will be salvaged and returned to Pima County at a location at the existing PACC facility: Hose reels (Dwg. SP1.0), Electrical Equipment, Cast Concrete Coping Blocks, and Flagpole (Dwg. D1.0), brick and OH Door (Dwg. D1.1), and Security Screen at the Window (Dwg. AR 5.1). No additional salvage has been indicated on the documents, and has not been included.
  - c. The removal of six (6) wooden power poles that are currently cut at grade has been included.
  - d. Protection of the floor drains has been included while this scope of work is being completed.
2. Earthwork:
  - a. All spoils from concrete activities to be used on-site.
  - b. Based on the over-ex requirements based on pre-archaeology site survey (C-001 dated July 15, 2016) as well as the survey provided in the GMP setting documents.
3. Utilities:
  - a. Gas Service:
    - 1) Sundt has included the excavation and backfill of the trenches for the gas service to be provided by Southwest Gas. Providing the gas line and connections will be by Southwest Gas.
  - b. Telephone:
    - 1) The serving telephone utility company will bring telephone service line to the demarcation location in the building.
  - c. Sanitary Sewer:
    - 1) Testing, inspection, and authorization of the private sewer facilities will be by Owner.
4. Bituminous and Concrete Paving:
  - a. Bituminous Paving:



- 1) Parking area striping, traffic markings, and specialty parking signage shall be provided per the GMP setting documents.
  - 2) Due to the fluctuation of material costs from suppliers, job costs are based upon the date of the Estimate. Final costs will be determined based on the delivery date. GMP price is based on \$48.50 per ton. Price fluctuations, if any, would be absorbed through the use of CMAR contingency.
5. Landscaping/Irrigation:
- a. The single line emitter box has not been included, since the detail 13/I-3 has not been shown.
  - b. The plant material is included per the available nursery stock container size as noted, not the caliper, height or spread as indicated in the Plant Legend.
  - c. Decomposed granite is included as locally available ½" screened Desert Gold at a 2" depth in new planting areas only. Rock mulch #1 is provided in a 1" to 4" in a Catalina Rock, since the specification indicates native rock.
  - d. Boulders are provided as Kino Blue. The quantity reflects the graphic symbols only.
  - e. Planting of salvaged saguaros and barrel cacti is noted on the legend. The sizes of the salvaged saguaros are not indicated in the schedule. Pricing is based on information provided from the Pima County Nursery staff, predicated upon the fact that the sizes are no greater than 6 linear feet per saguaro or 2 foot diameter for the barrel cactus.
6. Benches:
- a. Site benches to be concrete masonry units, even where noted as concrete.
7. Fencing and Gates:
- a. Ornamental fencing will be fabricated to meet Metalco specifications. The Fencing Subcontractor did not receive a quote from the specified manufacturer.
8. Bituminous Dampproofing/Waterproofing
- a. Dampproofing has been included on the site retaining walls.
  - b. Waterproofing has been included on the building retaining walls.

## **B. SUBSTRUCTURE**

1. Concrete:
  - a. Included in the GMP is an additional 518 SF of slab on grade patching not indicated in the project documents. This is to provide additional patching for the plumbing trench and masonry wall removals in the existing building.

## **C. SUPERSTRUCTURE**

1. Structural and Miscellaneous Steel:
  - a. Perforated steel decking as noted in Keynote 5.13 on Drawing A6.5 has not been included since it was not located on the drawings.
  - b. Hot dipped galvanizing of exposed structural and miscellaneous steel as referenced by Keynote 8 on Drawing S0.2 has not been included. The steel finish per this keynote is still in the process of being validated by the architect.
  - c. Weather barrier is not shown on the drawings behind the metal panels where attached to the building walls. Costs for the weather barriers have not been included.

## **D. EXTERIOR SKIN**

1. Thermal insulation is included per the Wall Types in event of a conflict with the specifications or other locations in the drawings.
2. Foamed-in-place insulation at Phase II has been included as R-12.
3. Exterior Walls:
  - a. Polymer-Based Exterior Finish System:
    - 1) Keynote C1 (GWB) along the perimeter of the building on Drawing A11.2 is included as C6 (Direct Applied DEFS).
    - 2) An Allowance of 1,000 LF of expansion joint system has been included, even though not shown.
    - 3) An Allowance of 4,900 LF of vinyl trim has been included, even though not shown.
4. Aluminum Storefront, Entrance Doors Glass, and Glazing:
  - a. The filler panels at the two (2) cat doors have been included as aluminum in lieu of the laminate panels.

## **E. ROOFING**

1. Roof:
  - a. Roof System at New Construction:
    - 1) The SBS roofing system is based on using the Polyglas system as defined RFI #70 with all the related flashings.
    - 2) The shop fabricated roof drip edge in lieu of the ANSI SPRI-ES1 has been included per RFI #71.
  - b. Roof system at Existing Building:
    - 1) Flashing at new Solatubes is included.
  - c. Roof Drainage:
    - 1) The existing roof drainage system will be used at the renovated areas.
  - d. Base bid includes batt insulation at high roof areas (upgrade to rigid insulation possible via alternate pricing)

## **F. INTERIOR CONSTRUCTION**

1. Rough Carpentry
  - a. As clarified by the Architect, the Wall Mounted Cat Resting Shelf (Section 10/A13.12) will be furnished and installed by Owner. Consequently, wood blocking is excluded pending identification of locations for the Wall Mounted Cat Resting Shelf.
  - b. As clarified by the Architect, the Wall Mounted Cat Boxes (Section 11/A13.12) will be furnished and installed by Owner. Consequently, wood blocking is excluded pending identification of locations for the Wall Mounted Cat Boxes.
2. Millwork:
  - a. The millwork number is based on using WI certification, not AWI certification.
3. FRP Panels:
  - a. The waterproofing behind the FRP is based on using the BASF Enershield product.
4. Thermal insulation is included as shown on A5.1 Wall Types – Phase I, that is what is listed in 07210- 3.2.
5. Doors, Frames, and Hardware:
  - a. ADA Access Push Button Stations are not shown on the documents. An Allowance of \$5,000 has been included for this until final verification by the Owner. Sundt has included a budget estimate for compatible hardware requirements with the existing openings.
  - b. Overhead door E111A at the MPR Storage room is based on this model: Overhead Door Model 610. The Clopay CERC20 as shown on the door schedule A8.0 is not available in the scheduled size.
  - c. The door specified in Alternate 18 may have some sagging issues, so the vendor suggests we consider using a sliding grille similar to what is used in the retail market. Refer to Voluntary Alternate No. 1 for the deductive amount.
  - d. The hollow metal door finish has been included as A60 since it has not been specified.
  - e. The flush wood doors are constructed of particle board due to a conflict in the specification.
6. The rolling grille C103 per Alternate 18 has been included as a non-motorized chain hoist per the specification section 083300.
7. Gypsum Board Partitions:
  - a. 6" 16 gauge flat strap backing at TV locations has been included.
  - b. 2" 20 gauge Z-Furring strips screwed to existing structure to form the shade canopy to be 16" o.c. per Keynote 5.29 AR11.0.

**G. INTERIOR FINISHES**

1. Tile:
  - a. Cove base (CT2) to be Daltile Porcelato 6" x 8" (8" x 8" tile is not available).
2. Resinous Flooring:
  - a. The resinous flooring system is based on using the Dur-A-Flex Hybri Flex EC with Armortop.
3. Painting:
  - a. Water repellants are included with this scope of work.
  - b. High performance coating locations are based off of Drawing A5.6 per email from Architect, dated December 16, 2016.
  - c. Exterior and interior painting has been included per the documents, except color coding of fire sprinkler piping has not been included.
  - d. Site painting has been included per the documents.
  - e. Anti-graffiti coating has only been included at the steel behind exterior signs.

**H. BUILDING SPECIALTIES**

1. Toilet Partitions and Accessories:
  - a. The toilet accessories have been included per the revised Schedules on Drawings A9.0 and AR9.0.
2. Fire Extinguishers:
  - a. Fire extinguisher cabinets have been included; however, the fire extinguishers are by Owner.
3. Interior Signage:
  - a. Code required signage is included.

**I. EQUIPMENT AND FURNISHINGS**

1. Costs associated with unloading, storing, moving, or removing trash for Owner-furnished and owner installed equipment has not been included.
2. Equipment is included per the Schedule on Drawing A13.7 with the exception of the cat runs that are provided by Shor-Line in lieu of Mason.

**J. SPECIAL CONSTRUCTION**

1. Canopy construction is based on using a 9'-0" clear height.

**K. CONVEYING SYSTEMS (Not Applicable)**

**L. FIRE PROTECTION**

1. The Sally Port/Wash Station Canopy is the only area where a dry pipe fire suppression system will be installed.

#### **M. PLUMBING**

1. Receiving, unloading, storing, distributing, and installing equipment furnished by Owner has not been included.
2. Medical gas head walls, booms, and columns: connections have been included to this equipment only if specified.
3. Seismic restraints and supports including all engineering and layout have not been included.

#### **N. HVAC**

1. Upgrades/repairs to existing HVAC systems not specified or shown in the Contract Documents have not been included.
2. Seismic restraints and supports including all engineering and layout have not been included.
3. Mechanical cleaning of the ductwork in the existing building (Phase II) has been included as a \$10,000 allowance.
4. All related services per the GMP setting documents for LEED certification have not been included. Such items as sealing the ends of ductwork prior to installation, filter changes, etc. have become part of the standard industry practice. Building flush-out is not included.

#### **O. ELECTRICAL SYSTEMS**

1. Head-end equipment is by Owner for the tele/data and surveillance systems. Examples of the head-end equipment included, but are not limited to: patch cables, mounting brackets, hardware, network switches, security cameras, video storage devices, wireless access points, servers, routers, amplifiers, monitors, televisions, etc.
2. An intrusion system has not been indicated and has not been included.
3. Access control has not been indicated and has not been included.
4. The Paging/Integrated Sound System as described in Alternate 19 is based on a system manufactured by Valcom. Refer to Voluntary Alternate 4.

### **III. ALTERNATES, ALLOWANCES, AND EXCLUSIONS**

#### **A. ALTERNATES (Not included in the Base GMP)**

- |    |  |           |
|----|--|-----------|
| 1. | Mechanical systems by Munters & Daikin<br>Lump Sum Add   | \$206,585 |
| 2. | New high performance coatings in the animal housing areas<br>Lump Sum Add                        | \$136,466 |
| 3. | Repair and renovation work at Harry's Haven<br>Lump Sum Add                                      | \$44,510  |
| 4. | Shade structure at Dog Play/Training Yard – R146<br>Lump Sum Add                                 | \$8,480   |
| 5. | Copper buses and feeders in lieu of aluminum<br>(Deleted by RFI #49 – Copper is included in GMP) | N/A       |

6.	Roof insulation system at Phase I New Construction Lump Sum Add	\$121,263
7.	Roof insulation system at Phase 1 New Construction at Highest Roof over Lobbies – <b>Not Accepted</b> <del>Lump Sum Add</del>	<del>\$17,450</del>
8.	Steel window shades at Phase 2 work Lump Sum Add	\$13,524
9.	Provide LED Lighting in lieu of Base Bid lighting Lump Sum Add	\$74,005
10.	Add Dog-to-Dog Intro Yard – R140 Lump Sum Add	\$2,428
11.	Complete landscaping scope of work Lump Sum Add	\$9,540
12.	Provide all new surgery and exam lights Lump Sum Add	\$48,844
13.	Replacement of existing dog run gates with new glass run gates at Small Dogs/Puppies Room – R103 Lump Sum Add	\$26,028
14.	Work associated with End of Project demolition of existing tent Lump Sum Add	\$92,016
15.	Complete installation of new clinical flushing sinks Lump Sum Add	\$7,655
16.	Provide acoustical wall covering finish at the Multi-Purpose Room – E110 Lump Sum Add	\$4,829
17.	Add new automatic waterers at dog runs Lump Sum Add	\$19,927
18.	Provide the rolling grille at Retail = C103 Lump Sum Add	\$10,341
19.	Provide a complete paging systems Lump Sum Add	\$52,378
20.	Provide integrally colored concrete masonry units at interior and exterior exposed locations Lump Sum Add	\$27,488
<b>Total for Alternates 1-20</b>		<b>\$906,306</b>

**B. VOLUNTARY ALTERNATES (Not included in the Base Number)**

1.	Use a sliding partition at Retail space in lieu of the overhead rolling grille Lump Sum Deduct	(\$3,148)
2.	Temporary utility consumption and temporary meters add alternates for construction only (Once Owner moves in then they will assume responsibility for the utility consumption):	
a.	Power (includes \$10,000 Allowance for meter/permit)	\$78,350
b.	Water (includes \$2,200 Allowance for meter/permit)	\$25,800
c.	Gas (includes \$2,000 Allowance for meter/permit)	\$23,240

- |    |   |            |
|----|---|------------|
| 3. | Use standard cast iron piping as allowed by code in lieu of stainless for the waste lines at new construction |            |
|    | Lump Sum Deduct   | (\$16,160) |
| 4. | Atlas IED audio visual/paging system in lieu of Valcom  |            |
|    | Lump Sum Add  | \$21,000   |

**C. ALLOWANCES**

- |    |   |          |
|----|---|----------|
| 1. | The following Allowances are non-specified (direct costs only) but included as a placeholder until the documents are developed to a point where the pricing can be finalized: |          |
| a. | No. 1—Repair existing stainless steel trenches per RFI #27  | \$5,000  |
| b. | No. 2—Floor patching/repair for resinous flooring system  | \$12,000 |
| c. | No. 3—Patch and repair existing concrete dog run walls  | \$16,000 |
| d. | No. 4—Floor protection at exposed concrete floors using 1/8" Masonite   | \$20,000 |
| e. | No. 5—Additional height and weight impact for the solar arrays on the shade canopy at the ACO Yard (pending final verification)   | \$10,000 |
| f. | No. 6—Mechanical duct cleaning for Phase II   | \$10,000 |

**D. EXCLUSIONS**

- |    |  |  |
|----|--|--|
| 1. | The following items are not included in the Scope of Work proposed herein:   |  |
| a. | Professional Design and Engineering Services.  |  |
| b. | Subcontractor liability insurance (SLIP). (Subcontractors to provide their own liability insurance.)                     |  |
| c. | Progress photos other than those being taken with handheld devices by Sundt personnel.                                   |  |
| d. | Abatement or removal of hazardous materials including, but not limited to, asbestos or mold infested materials.          |  |
| e. | LEED documentation requirements, since this project will not be pursuing LEED certification.                             |  |
| f. | FSC certification for wood products.   |  |
| g. | Recycling of demolition waste; for example pulverizing asphalt and/or concrete, etc.                                     |  |
| h. | Off-site utility and street work (including lighting for Silverbell Road and Sweetwater Drive).                          |  |
| i. | Adjustment and/or removal of undocumented private utilities.   |  |
| j. | Cost of archaeological monitoring, surveys, and all related work.  |  |
| k. | On site security during the construction phase. (Temporary fencing will be provided to isolate the specific work areas.) |  |
| l. | Hard dig conditions.   |  |
| m. | Channelization and management of the adjacent wash areas.  |  |

- n. Maintenance of Riparian mitigation area after substantial completion to be done by Owner including hiring of Biological Resource Specialist or Landscape Architect as noted on RHMP-1.
- o. Changes due to final permitted set of construction documents. (Refer to Allowance on the CSI Summary for this scope.)
- p. Reclaimed water system for irrigation or plumbing systems.
- q. Decommissioning of the existing water meter.
- r. Room ID signage, and any other way finding signage not shown or required by code.
- s. Window treatments.
- t. Demountable partitions or open office landscape partitions.
- u. Shade canopy at MPR open space area.
- v. Seismic restraints and supports including all engineering and layout have not been included for fire sprinkler, plumbing, or HVAC systems.
- w. Repairs and warranties on existing DDC controls (tie-ins to the new DDC controls is included).
- x. Repairs, modifications, or warranty work on any existing equipment.
- y. Commissioning agent (CXa) services including development of the plan. (Subcontractors only to assist based on the plan developed by the CXa.) (Hired by the Owner.)
- z. Audio visual/paging system by Atlas IED has not been included in Alternate 19 (A Valcom system has been included in this alternate). Refer to Voluntary Alternate 4.
- aa. Site furnishings (except for bike racks, trash receptacles, and flagpole reinstall).
- bb. Paving of the fire truck turn around in Phase 2 indicated only on the Hydraulic Exhibit sheet C-004. This area is to be covered with existing gravel per the L-1 landscape plan and Existing Landscape Surfacing note 2 on sheet L-3.
- cc. Costs for public art except for coordination and access for installation.



**E. REIMBURSABLE PROJECT LABOR RATES**

DESCRIPTION		Unit Rate	Unit
1	PROJECT DIRECTOR	\$132.92	Hour
2	PRECONSTRUCTION PROJECT MANAGER	\$108.58	Hour
3	SENIOR ESTIMATOR	\$ 88.07	Hour
4	ESTIMATOR	\$ 57.79	Hour
5	PROJECT MANAGER	\$ 79.32	Hour
6	ANIMAL CARE SPECIALIST	\$ 87.20	Hour
7	MEP SPECIALIST	\$105.57	Hour
8	PROJECT SUPERINTENDENT	\$ 84.86	Hour
9	FIELD SUPERINTENDENT	\$ 71.22	Hour
10	PROJECT ENGINEER	\$ 60.16	Hour
11	FIELD ENGINEER	\$ 47.93	Hour
12	PROJECT ADMINISTRATOR	\$ 34.81	Hour
13	CONTRACTS ADMINISTRATOR	\$ 34.27	Hour
14	BIM MODELER	\$ 60.18	Hour
15	CARPENTER	\$ 36.04	Hour
<p>1. These rates are valid for the duration of the project. Rates are inclusive of vehicle costs, computers, cell phones, health insurance, and all customary fringes (including payroll taxes, FUI, SUI, retirement contributions and Worker's Compensation).</p>			



**SUNDT**

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**III. SCHEDULE OF VALUES**

# Pima Animal Care Center

## Schedule of Values



**SUNDT**

DIV	SECT.	DESCRIPTION	Phase I: New Total	Phase II: Existing Total	Site Total
<b>1 GENERAL REQUIREMENTS</b>					
		<b>General Requirements</b>	123,137	60,665	0
		<b>Final Cleaning</b>	10,890	5,610	0
		<b>Total General Requirements</b>	134,027	66,275	0
		<b>TOTAL GENERAL REQUIREMENTS</b>	134,027	66,275	0
<b>2 EXISTING CONDITIONS</b>					
		<b>DEMOLITION</b>			
024119		Selective Demolition	0	89,835	0
		<b>Total Demolition</b>	0	89,835	0
		<b>TOTAL EXISTING CONDITIONS</b>	0	89,835	0
<b>3 CONCRETE</b>					
		<b>CIP CONCRETE</b>			
033000		Cast-In-Place Concrete	493,571	49,792	162,401
		<b>Total Concrete</b>	493,571	49,792	162,401
		<b>TOTAL CONCRETE</b>	493,571	49,792	162,401
<b>4 MASONRY</b>					
		<b>MASONRY</b>			
042000		Unit Masonry	675,737	17,721	76,464
		<b>Total Masonry</b>	675,737	17,721	76,464
		<b>TOTAL MASONRY</b>	675,737	17,721	76,464
<b>5 METALS</b>					
		<b>STRUCTURAL STEEL</b>			
051200		Structural Steel Framing	1,168,365	7,612	14,509
051213		Architecturally Exposed Structural Steel Framing	included above	included above	included above
052100		Steel Joist Framing	included above	included above	included above
053100		Steel Decking	included above	included above	included above
054000		Metal Fabrications	included above	included above	included above
		<b>Total Metals</b>	1,168,365	7,612	14,509
		<b>TOTAL METALS</b>	1,168,365	7,612	14,509

# Pima Animal Care Center

## Schedule of Values



**SUNDT**

DIV	SECT.	DESCRIPTION	Phase I: New Total	Phase II: Existing Total	Site Total
<b>6 WOOD, PLASTICS, &amp; COMPOSITES</b>					
		<b>ROUGH CARPENTRY</b>			
061053		Miscellaneous Rough Carpentry	70,920	4,379	0
		Total Rough Carpentry	70,920	4,379	0
		<b>ARCHITECTURAL MILLWORK</b>			
064023		Interior Architectural Woodwork (including stainless steel)	178,003	4,299	0
066400		Plastic Paneling	20,862	1,530	0
		Total Architectural Millwork	198,865	5,829	0
		<b>TOTAL WOOD, PLASTICS, &amp; COMPOSITES</b>	<b>269,785</b>	<b>10,208</b>	<b>0</b>
<b>7 THERMAL &amp; MOISTURE PROTECTION</b>					
		<b>DAMPPROOFING/WATERPROOFING</b>			
071113		Bituminous Dampproofing	w/ joint sealants	w/ joint sealants	w/ joint sealants
071416		Cold Fluid-Applied Waterproofing	w/ joint sealants	w/ joint sealants	w/ joint sealants
		Total Waterproofing	0	0	0
		<b>INSULATION</b>			
072000		Sound Attenuation Insulation	70,239	7,834	0
072100		Thermal Insulation	included above	included above	included above
072119		Foamed-In-Place Insulation	included above	included above	included above
		Total Insulation	70,239	7,834	0
		<b>ROOFING</b>			
075216		Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane	275,156	5,151	0
076200		Sheet Metal Flashing and Trim	included above	included above	included above
		Total Roofing	275,156	5,151	0
		<b>JOINT SEALANTS</b>			
079200		Joint Sealants	96,903	16,409	8,138
078443		Joint Firestopping	included above	included above	included above
		Total Joint Sealants	96,903	16,409	8,138
		<b>DEFS</b>			
072413		Polymer-Based Exterior Finish System	116,841	4,279	0

# Pima Animal Care Center

## Schedule of Values



**SUNDT**

DIV	SECT.	DESCRIPTION	Phase I: New Total	Phase II: Existing Total	Site Total
		Total DEFS	116,841	4,279	0
		<b>TOTAL THERMAL &amp; MOISTURE PROTECTION</b>	<b>559,139</b>	<b>33,673</b>	<b>8,138</b>
		<b>8 OPENINGS</b>			
		<b>DOORS, FRAMES, and HARDWARE</b>			
081113		Hollow Metal Doors and Frames	112,172	43,574	0
081416		Flush Wood Doors	included above	included above	included above
084243		Traffic Doors	included above	included above	included above
087100		Door Hardware	included above	included above	included above
		Total Doors, Frames, & Hardware	112,172	43,574	0
		<b>OVERHEAD DOORS</b>			
083300		Rolling Grilles	1,586	449	0
		Total Overhead Doors	1,586	449	0
		<b>GLASS &amp; GLAZING</b>			
084113		Aluminum-Framed Entrances and Storefronts	462,190	44,532	0
088000		Glazing	included above	included above	included above
086200		Unit Skylights	11,994	3,485	0
		Total Glass & Glazing	474,184	48,017	0
		<b>TOTAL OPENINGS</b>	<b>587,942</b>	<b>92,040</b>	<b>0</b>
		<b>9 FINISHES</b>			
		<b>DRYWALL AND METAL STUD FRAMING</b>			
054000		Cold-Formed Metal Framing	600,536	46,899	0
092216		Non-Structural Metal Framing	included above	included above	included above
092900		Gypsum Board	included above	included above	included above
		Total Drywall & Metal Stud Framing	600,536	46,899	0
		<b>ACOUSTIC CEILING</b>			
095113		Acoustical Panel Ceilings	129,732	47,777	0
		Total Acoustic Ceilings	129,732	47,777	0
		<b>Flooring</b>			
093000		Tiling	95,384	21,059	0
096513		Resilient Base and Accessories	included above	included above	included above
096519		Resilient Safety Flooring	included above	included above	included above
096723		Resinous Flooring	106,341	14,564	0

# Pima Animal Care Center

## Schedule of Values



**SUNDT**

DIV	SECT.	DESCRIPTION	Phase I: New Total	Phase II: Existing Total	Site Total
		Total Flooring	201,725	35,623	0
		<b>PAINTING &amp; FINISHES</b>			
071900		Water Repellents	21,491	19,736	0
099113		Exterior Painting	117,059	116,251	5,353
099123		Interior Painting	included above	included above	included above
099600		High-Performance Coatings	included above	included above	included above
		Total Painting & Finishes	138,550	135,987	5,353
		<b>TOTAL FINISHES</b>	<b>1,070,543</b>	<b>266,286</b>	<b>5,353</b>
		<b>10 SPECIALTIES</b>			
		<b>MISC. SPECIALTIES</b>			
102113.19		Plastic Toilet Compartments	42,297	4,573	12,454
102600		Wall and Door Protection	included above	included above	included above
104413		Fire Protection Cabinets	included above	included above	included above
107516		Ground-Set Flagpoles	included above	included above	included above
		Toilet & Bath Accessories	included above	included above	included above
		Cat Netting, Cork Boards	included above	included above	included above
		Trash/Recycle Receptacles, Mailbox, Bike Racks	included above	included above	included above
		Total Misc. Specialties	42,297	4,573	12,454
		<b>BUILDING SIGNAGE</b>			
101400		Signage	16,238	1,678	4,994
		Total Building Signage	16,238	1,678	4,994
		<b>TOTAL SPECIALTIES</b>	<b>58,535</b>	<b>6,251</b>	<b>17,448</b>
		<b>11 EQUIPMENT</b>			
		<b>EQUIPMENT</b>			
112300		Commercial Laundry and Dry Cleaning Equipment	58,023	0	0
113100		Residential Appliances	239	0	0
		Animal Equipment: Dog Runs/Cages/Misc Equipment	1,396,863	0	0
114000		Foodservice Equipment	6,890	0	0
		Total Equipment	1,462,015	0	0
		<b>TOTAL EQUIPMENT</b>	<b>1,462,015</b>	<b>0</b>	<b>0</b>
		<b>13 SPECIAL CONSTRUCTION</b>			
		<b>Canopies</b>			
133423		Fabricated Structures	34,418	0	0

# Pima Animal Care Center

## Schedule of Values



**SUNDT**

DIV	SECT.	DESCRIPTION	Phase I: New Total	Phase II: Existing Total	Site Total
Total Canopies			34,418	0	0
<b>TOTAL SPECIAL CONSTRUCTION</b>			<b>34,418</b>	<b>0</b>	<b>0</b>
<b>21 FIRE SUPPRESSION</b>					
		<b>FIRE SPRINKLERS</b>			
Div 21		Fire Sprinklers (all sections complete)	152,763	0	0
Total Fire Sprinklers			152,763	0	0
<b>TOTAL FIRE SUPPRESSION</b>			<b>152,763</b>	<b>0</b>	<b>0</b>
<b>22 PLUMBING</b>					
		<b>PLUMBING</b>			
Div 22		Plumbing (all sections complete)	2,216,801	252,956	0
Total Plumbing			2,216,801	252,956	0
<b>TOTAL PLUMBING</b>			<b>2,216,801</b>	<b>252,956</b>	<b>0</b>
<b>23 HVAC</b>					
		<b>HVAC</b>			
Div 23		HVAC (all sections complete)	with plumbing	with plumbing	with plumbing
Total HVAC			0	0	0
<b>TOTAL HVAC</b>			<b>0</b>	<b>0</b>	<b>0</b>
<b>26 ELECTRICAL</b>					
		<b>ELECTRICAL</b>			
Div 26		Electrical (all sections complete)	759,603	216,190	85,205
Div 27		Communications (all sections complete)	included above	included above	included above
283111		Multiplex Fire Alarm	included above	included above	included above
Total Electrical			759,603	216,190	85,205
<b>TOTAL ELECTRICAL</b>			<b>759,603</b>	<b>216,190</b>	<b>85,205</b>
<b>31 EARTHWORK</b>					
		<b>EARTHWORK, ASPHALT, AND UTILITIES</b>			
311000		Sire Clearing	0	0	362,785
312000		Earth Moving	included above	included above	included above

# Pima Animal Care Center

## Schedule of Values



**SUNDT**

DIV	SECT.	DESCRIPTION	Phase I: New Total	Phase II: Existing Total	Site Total
		Asphalt and Striping	included above	included above	included above
		Surveying	0	0	28,110
		Site Utilities	0	0	245,515
		Total Earthwork, Asphalt, and Utilities	0	0	636,410
		<b><u>TERMITE CONTROL</u></b>			
	313116	Termite Control	3,255	1,136	0
		Total Termite Control	3,255	1,136	0
		<b>TOTAL EARTHWORK</b>	<b>3,255</b>	<b>1,136</b>	<b>636,410</b>
		<b>32 EXTERIOR IMPROVEMENTS</b>			
		<b><u>FENCING</u></b>			
	323100	Ornamental Steel Fencing	26,912	8,747	54,809
	323113	Chain Link Fence and Gates	included above	included above	included above
		Total Fencing	26,912	8,747	54,809
		<b><u>LANDSCAPING AND IRRIGATION</u></b>			
	328000	Irrigation System	0	0	156,878
	329000	Landscape Work	included above	included above	included above
		Total Landscaping and Irrigation	0	0	156,878
		<b>TOTAL EXTERIOR IMPROVEMENTS</b>	<b>26,912</b>	<b>8,747</b>	<b>211,687</b>





**SUNDT**

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**IV. DOCUMENT LIST**



# SUNDT

## DOCUMENT LIST

95% Construction Documents provided by *Line and Space, LLC* dated November 23, 2016.

NUMBER	DESCRIPTION	DATED
	<b>SPECIFICATIONS</b>	
	<b>VOLUME 1</b>	
	<b>Division – 00</b>	
000102	Table of Contents	
000107	Project Team	
003132	Geotechnical Data (with Geotechnical Reports)	
	<b>Division 01 – General Requirements</b>	
011000	Summary	
012300	Alternates	
012500	Substitution Procedures	
012600	Contract Modification Procedures	
012900	Payment Procedures	
013100	Project Management and Coordination	
013200	Construction Progress Documentation	
013233	Photographic Documentation	
013300	Submittal Procedures	
014000	Quality Requirements	
014200	References	
015000	Temporary Facilities and Controls	
016000	Product Requirements	
017300	Execution	
017310	Cutting and Patching	
017419	Construction Waste Management and Disposal	
017700	Closeout Procedures	
017823	Operation and Maintenance Data	
017839	Project Record Documents	
017900	Demonstration and Training	
018113.13	Sustainable Design Requirements – LEED 2009 for New Construction and Major Renovations	
019113	General Commissioning Requirements	
	<b>Division 02 – Existing Conditions</b>	
024119	Selective Demolition	
	<b>Division 03 – Concrete</b>	
033000	Cast-In-Place Concrete	
	<b>Division 04 – Masonry</b>	
042000	Unit Masonry	
	<b>Division 05 – Metals</b>	
051200	Structural Steel Framing	



# SUNDT

NUMBER	DESCRIPTION	DATED
051213	Architecturally Exposed Structural Steel Framing	
052100	Steel Joist Framing	
053100	Steel Decking	
054000	Cold-Formed Metal Framing	
055000	Metal Fabrications	
<b>Division 06 – Wood, Plastics, Composites</b>		
061053	Miscellaneous Rough Carpentry	
064023	Interior Architectural Woodwork	
066400	Fiberglass Reinforced Plastic	
<b>Division 07 – Thermal &amp; Moisture Protection</b>		
071113	Bituminous Dampproofing	
071416	Cold Fluid-Applied Waterproofing	
071900	Water Repellents	
072000	Sound Attenuation Insulation	
072100	Thermal Insulation	
072119	Foamed-In-Place Insulation	
072413	Polymer-Based Exterior Finish System	
075216	SBS Modified Bituminous Membrane Roofing	
076200	Sheet Metal Flashing and Trim	
078413	Penetration Firestopping	
078443	Joint Firestopping	
079200	Joint Sealants	
079219	Acoustical Joint Sealants	
<b>Division 08 – Openings</b>		
081113	Hollow Metal Doors and Frames	
081416	Flush Wood Doors	
083113	Access Doors and Frames	
083300	Rolling Grilles –Open Design	
084113	Aluminum-Framed Entrances and Storefronts	
084243	Traffic Doors	
086200	Unit Skylights	
087100	Door Hardware	
088000	Glazing	
<b>Division 09 – Finishes</b>		
092216	Non-Structural Metal Framing	
092900	Gypsum Board	
093000	Tiling	
095113	Acoustical Panel Ceilings	
096513	Resilient Base and Accessories	
096516	Resilient Safety Flooring	
096723	Resinous Flooring	
099113	Exterior Painting	
099123	Interior Painting	
099600	High-Performance Coatings	
<b>Division 10 – Specialties</b>		
101400	Signage	
102113.19	Plastic Toilet Compartments	



# SUNDT

NUMBER	DESCRIPTION	DATED
102600	Wall and Door Protection	
104413	Fire Protection Cabinets	
107516	Ground-Set Flagpoles	
<b>Division 11 – Equipment</b>		
112300	Commercial Laundry and Dry Cleaning Equipment	
113100	Residential Appliances	
114000	Foodservice Equipment	
<b>Division 13 – Special Construction</b>		
133423	Fabricated Structures	
134900	X-Ray Protection (with Radiation Shielding Recommendations Report)	
<b>VOLUME 2</b>		
<b>Division 21 – Fire Suppression</b>		
210500	Common Work Results for Fire Protection	
210523	General Duty Valves for Water-Based Fire Suppression	
210553	Identification for Fire Suppression Piping and Equipment	
211300	Fire Suppression Sprinklers	
<b>Division 22 – Plumbing</b>		
220500	Common Work Results for Plumbing	
220553	Identification for Plumbing Piping and Equipment	
220719	Plumbing Piping Insulation	
221005	Plumbing Piping, Valves, Hangers & Supports	
221006	Plumbing Piping Specialties	
223000	Plumbing Equipment	
224000	Plumbing Fixtures	
226005	Medical Air, Gas, and Vacuum Systems	
<b>Divisions 23 – Mechanical Systems</b>		
230500	Common Work Results for HVAC	
230553	Identification for HVAC Piping and Equipment	
230593	Testing, Adjusting, and Balancing for HVAC	
230713	Duct Insulation	
230719	HVAC Piping Insulation	
230800	Commissioning of HVAC	
230900	HVAC Instrumentation and Controls	
232300	Refrigerant Piping	
233100	HVAC Ducts and Casings	
233300	Air Duct Accessories	
233423	Power Ventilators	
233600	Air Terminal Units	
233700	Air Outlets and Inlets	
234000	HVAC Air Cleaning Devices	
237413	Packaged Outdoor Rooftop Air Conditioning Units	
237416	Unitary Air Conditioning Units	
237513	Indirect-Direct Evaporative, DX, Gas Heat Rooftop Air Handling Units	
238129	Variable Refrigerant Volume HVAC System	
<b>Division 26 – Electrical</b>		
260519	Low Voltage Electrical Power Conductors and Cables	
260526	Grounding and Bonding for Electrical Systems	



## PLANS



# SUNDT

NUMBER	DESCRIPTION	DATED
L-1	Landscape Plan	11-23-16
L-2	Landscape Plan	11-23-16
L-3	Landscape Plan and Details	11-23-16
LS-1	Landscape Subsurface Drainage System	11-23-16
I-1	Irrigation Plan	11-23-16
I-2	Irrigation Plan	11-23-16
I-3	Irrigation Schedule and Details	11-23-16
RHMP-1	Riparian Mitigation Plan	11-23-16
SP1.0	Site Plan – Phase 1	11-23-16
SP1.1	Site Details	11-23-16
SPR1.0	Site Plan – Phase 2	11-23-16
A1.0	Overall Reference Plan – Phase 1	11-23-16
A1.1	Reference Plan and Demolition Notes – Phase 1 – Zone 1	11-23-16
A1.2	Reference Plan – Phase 1 – Zone 2	11-23-16
A1.3	Reference Plan – Phase 1 – Zone 3	11-23-16
A1.4	Reference Plan – Phase 1 – Zone 4	11-23-16
A2.0	Masonry Dimension Plan – Phase 1 – Zone 1	11-23-16
A2.1	Masonry Dimension Plan – Phase 1 – Zone 2	11-23-16
A2.2	Masonry Dimension Plan – Phase 1 – Zone 3	11-23-16
A2.3	Masonry Dimension Plan – Phase 1 – Zone 4	11-23-16
A2.4	Dimension Plan – Phase 1 – Zone 1	11-23-16
A2.5	Dimension Plan – Phase 1 – Zone 2	11-23-16
A2.6	Dimension Plan – Phase 1 – Zone 3	11-23-16
A2.7	Dimension Plan – Phase 1 – Zone 4	11-23-16
A2.8	Slab Plan 1.1	11-23-16
A2.9	Slab Plan 1.2	11-23-16
A2.10	Slab Plan 1.3	11-23-16
A2.11	Slab Plan 1.4	11-23-16
A2.12	Floor Details	11-23-16
A2.13	Striping Plan – Phase 1	11-23-16
A2.14	Grading Plan for Concrete Flatwork Not Shown on Civil Drawings	11-28-16
A3.0	Building Elevations – Phase 1	11-23-16
A3.1	Building Elevations – Phase 1	11-23-16
A4.0	Building Sections – Phase 1	11-23-16
A4.1	Building Sections – Phase 1	11-23-16
A5.0	Finish Schedule – Phase 1	11-23-16
A5.1	Wall Types – Phase 1	11-23-16
A5.2	Steel Wall Elevations – Phase 1	11-23-16
A5.3	Signage Elevations – Phase 1	11-23-16
A5.4	Signage Elevations – Phase 1	11-23-16
A5.5	Wall/Corner Finish Plan	11-23-16
A6.0	Wall Sections – Phase 1	11-23-16
A6.1	Wall Sections – Phase 1	11-23-16
A6.2	Wall Sections – Phase 1	11-23-16
A6.3	Wall Sections – Phase 1 and Roof Edge Details	11-23-16
A6.4	Wall Sections – Phase 1	11-23-16
A6.5	Wall Sections – Phase 1	11-23-16



# SUNDT

NUMBER	DESCRIPTION	DATED
A6.6	Wall Sections – Phase 1	11-23-16
A6.7	Wall Sections – Phase 1	11-23-16
A6.8	Wall Sections – Phase 1	11-23-16
A7.0	Window Elevations – Phase 1	11-23-16
A7.1	Window Elevations – Phase 1	11-23-16
A7.2	Window Elevations – Phase 1	11-23-16
A7.3	Window Elevations – Phase 1	11-23-16
A7.4	Window Details – Phase 1	11-23-16
A7.5	Window Details – Phase 1	11-23-16
A8.0	Door Schedule – Phase 1	11-23-16
A8.1	Door Details – Phase 1	11-23-16
A8.2	Door Details – Phase 1	11-23-16
A9.0	Restrooms – Enlarged Plans and Elevations – Phase 1 Appliance Schedule	11-28-16
A10.0	Roof Plan – Phase 1	11-23-16
A11.0	Reflected Ceiling Plan – Phase 1 – Zone 1	11-28-16
A11.1	Reflected Ceiling Plan – Phase 1 – Zone 2	11-23-16
A11.2	Reflected Ceiling Plan – Phase 1 – Zone 3	11-23-16
A11.3	Reflected Ceiling Plan – Phase 1 – Zone 4	11-23-16
A11.4	Reflected Ceiling Plan – Phase 1 – High Roof	11-23-16
A12.0	Interior/Millwork Plans and Elevations – Phase 1	11-23-16
A12.1	Interior/Millwork Plans and Elevations – Phase 1	11-28-16
A12.2	Interior/Millwork Plans and Elevations – Phase 1	11-23-16
A12.3	Interior/Millwork Plans and Elevations – Phase 1	11-23-16
A12.4	Interior/Millwork Plans and Elevations – Phase 1	11-23-16
A12.5	Interior/Millwork Plans and Elevations – Phase 1	11-28-16
A12.6	Interior/Millwork Plans and Elevations – Phase 1	11-23-16
A12.7	Interior/Millwork Plans and Elevations – Phase 1	11-28-16
A13.0	Equipment Plan 1.1	11-23-16
A13.1	Equipment Plan 1.2	11-23-16
A13.2	Equipment Plan 1.3	11-23-16
A13.3	Equipment Plan 1.4	11-23-16
A13.4	Equipment Plan 1.5	11-23-16
A13.5	Equipment Plan 1.6	11-23-16
A13.6	Equipment Plan 1.7	11-23-16
A13.7	Equipment Schedule	11-23-16
A13.8	Caging Ref. Plan	11-23-16
A13.9	Caging Elevations	11-23-16
A13.10	General Animal Care Details	11-23-16
A13.11	General Animal Care Details	11-23-16
A13.12	Cat & Caging Housing Details	11-23-16
A13.13	Dog Housing Details	11-23-16
D1.0	Demolition Floor Plan – Phase 2 – Zone 8	11-28-16
D1.1	Demolition Floor Plan – Phase 2 – Zone 5-7	11-23-16
D1.2	Demolition Elevations – Phase 2	11-23-16
D2.0	Demolition Reflected Ceiling Plan – Phase 2 – Zone 8	11-23-16
D2.1	Demolition Reflected Ceiling Plan – Phase 2 – Zone 5 – 7	11-23-16



# SUNDT

NUMBER	DESCRIPTION	DATED
D3.0	End of Project Demolition Plan	11-23-16
AR1.0	Overall Floor Plan – Phase 2	11-23-16
AR1.1	Reference Plan – Phase 2 – Zone 5	11-23-16
AR1.2	Reference Plan – Phase 2 – Zone 6	11-23-16
AR1.3	Reference Plan – Phase 2 – Zone 7	11-23-16
AR2.0	Dimension Plan – Phase 2 – Zone 5	11-23-16
AR2.1	Dimension Plan – Phase 2 – Zone 6	11-23-16
AR2.2	Dimension Plan – Phase 2 – Zone 7	11-23-16
AR2.3	Building Elevations – Phase 2	11-23-16
AR3.0	Building Elevations – Phase 2	11-23-16
AR4.0	Building Sections – Phase 2	11-23-16
AR5.0	Finish Schedule – Phase 2	11-23-16
AR5.1	Steel Wall Elevations – Phase 2	11-23-16
AR5.2	Signage and Canopy Elevations – Phase 2	11-23-16
AR6.0	Wall Sections – Phase 2	11-23-16
AR7.0	Window Elevations and Details – Phase 2	11-23-16
AR7.1	Window Details – Phase 2	11-23-16
AR8.0	Door Schedule – Phase 2	11-23-16
AR9.0	Restrooms – Enlarged Plans and Elevations – Phase 2	11-28-16
AR10.0	Roof Plan – Phase 2	11-23-16
AR11.0	Reflected Ceiling Plan – Phase 2 – Zone 5-6	11-23-16
AR11.1	Reflected Ceiling Plan – Phase 2 – Zone 7	11-23-16
AR12.0	Interior/Millwork Plans and Elevations – Phase 2	11-23-16
S0.1	General Notes	11-23-16
S0.2	General Notes	11-23-16
S0.3	General Notes	11-23-16
S0.4	Loading Plan – Floor	11-23-16
S0.5	Loading Plan – Low Roof	11-23-16
S0.6	Loading Plan – High Roof	11-23-16
S1.0	Overall Reference Foundation Plan	11-23-16
S1.1	Foundation Plan – Phase I – Zone 1	11-23-16
S1.2	Foundation Plan – Phase I – Zone 2	11-23-16
S1.3	Foundation Plan – Phase I – Zone 3	11-23-16
S1.4	Foundation Plan – Phase I – Zone 4	11-23-16
S1.5	Foundation Plan – Phase II – Zone 5, 6, & 7	11-23-16
S1.6	Utility Excavation & Backfill at Zones 1 & 2 – 5 & 6	11-23-16
S2.0	Overall Reference Roof Framing Plan	11-23-16
S2.1	Roof Framing Plan – Phase I – Zone 1	11-23-16
S2.2	Roof Framing Plan – Phase I – Zone 2	11-23-16
S2.3	Roof Framing Plan – Phase I – Zone 3	11-23-16
S2.4	Roof Framing Plan – Phase I – Zone 4	11-23-16
S2.5	High Roof Framing Plan – Phase I	11-23-16
S2.6	Roof Framing Plans – Phase II - Zone 5, 6, & 7	11-23-16
S2.7	Exterior Soffit Framing Plan	11-23-16
S3.1	Structural Details	11-23-16
S3.2	Structural Details	11-23-16
S3.3	Structural Site Details	11-23-16





# SUNDT

NUMBER	DESCRIPTION	DATED
S4.1	Structural Details	11-23-16
S4.2	Structural Details	11-23-16
S4.3	Masonry Wall Structural Elevations	11-23-16
S4.4	Masonry Wall Structural Elevations	11-23-16
S4.5	Masonry Wall Structural Elevations	11-23-16
S5.1	Structural Details	11-23-16
S5.2	Structural Details	11-23-16
S5.3	Structural Details	11-23-16
S5.4	Structural Details	11-23-16
S5.5	Structural Details	11-23-16
S5.6	Structural Details	11-23-16
S5.7	Structural Details	11-23-16
S5.8	Structural Details	11-23-16
S6.1	Steel Wall Structural Elevations	11-23-16
S6.2	Steel Wall Structural Elevations	11-23-16
S6.3	Steel Wall Elevations	11-23-16
S7.1	Structural Details	11-23-16
S7.2	Structural Details	11-23-16
M0.1	Mechanical Notes	11-23-16
M1.1	Mechanical Floor Plan, Building C	11-23-16
M1.2	Mechanical Floor Plan, Building E	11-23-16
M1.3	Demo Renovation Mechanical Floor Plan Building R	11-23-16
M1.4	Overall Mechanical Roof Plan Building R, C and E	11-23-16
M2.1	Mechanical Schedules	11-23-16
M2.2	Mechanical Schedules	11-23-16
M2.3	Mechanical Elevation Schedules	11-23-16
M2.4	Mechanical Elevation Schedules	11-23-16
M3.1	Mechanical Details	11-23-16
M4.1	Mechanical Controls	11-23-16
M4.2	Mechanical Controls	11-23-16
FP1.0	Fire Protection, Overall Site Plan Fire Protection, Design Criteria	11-23-16
PD1.0	Plumbing Demolition Plan Phase 2 Zone 8	11-23-16
PD1.1	Plumbing Demolition Plan Phase 2 Zones 5, 6, & 7	11-23-16
PO.1	Plumbing Notes, Legend	11-23-16
P1.1.1	Plumbing Plan - Phase 1 Zone 3 & 4 Waste and Vent	11-23-16
P1.1.2	Plumbing Plan - Phase 1 Zone 1 Waste and Vent	11-23-16
P1.1.3	Plumbing Plan - Phase 1 Zone 2 Waste and Vent	11-23-16
P1.1.4	Plumbing Plan - Phase 1 Zones 5, 6, 7 Waste & Vent	11-23-16
P1.2.1	Plumbing Plan - Phase 1 Zones 3 & 4 Water, Gas	12-06-16
P1.2.2	Plumbing Plan - Phase 1 Zone 1 Water, Gas, & Condensate Waste	12-08-16
P1.2.3	Plumbing Plan - Phase 1 Zone 2 Water, Gas, & Condensate Waste	12-08-16
P1.2.4	Plumbing Plan - Phase 2 Zones 5, 6, 7 Water & Gas	12-09-16
P1.3.1	Plumbing - Phase 1 Zone 3 & 4 Wash Down System & Condensate Waste	12-06-16
P1.3.2	Plumbing Plan - Phase 1 Zone 2 Wash Down System	11-23-16
P1.4.1	Plumbing Phase 1 Zones 3 & 4 Medical Gas System	11-23-16



# SUNDT

NUMBER	DESCRIPTION	DATED
P1.5.1	Plumbing Plan Phase 1 Zone 3 & 4 Roof Plan	11-23-16
P1.5.3	Plumbing Plan Phase 1 Zone 2 Roof Plan	11-23-16
P2.1	Plumbing Schedules	11-23-16
P3.1	Plumbing Details	11-23-16
P4.1	Plumbing Isometrics	11-23-16
P4.2	Plumbing Isometrics	12-08-16
P4.3	Plumbing Isometrics	11-23-16
P5.2	Plumbing Isometrics	11-23-16
E001	Symbols & Abbreviations	11-24-16
E002	Lighting Fixture Schedules	11-24-16
EA101	Fire Alarm Plan – Building C (Zone 1)	11-24-16
EA102	Fire Alarm Plan – Building C (Zone 2)	11-24-16
EA103	Fire Alarm Plan – Building E (Zone 3)	11-24-16
EA104	Fire Alarm Plan – Building E (Zone 4)	11-24-16
EA105	Fire Alarm Plan – Building R (Zone 5,6,7)	11-24-16
ED101	Lighting Demolition Plan	11-24-16
ED102	Power & Special Systems Demolition Plan	11-24-16
ED103	Electrical Demolition Plans	11-24-16
EL101	Lighting Plan – Building "C" (Zone 1)	11-24-16
EL102	Lighting Plan – Building "C" (Zone 2)	11-24-16
EL103	Lighting Plan – Building "E" (Zone 3)	11-24-16
EL104	Lighting Plan – Building "E" (Zone 4)	11-24-16
EL105	Lighting Plan – Building "R" (Zone 5, 6 & 7)	11-24-16
EP101	Power Plan – Building C (Zone 1)	11-24-16
EP102	Power Plan – Building C (Zone 2)	11-24-16
EP103	Power Plan – Building "E" (Zone 3)	11-24-16
EP104	Power Plan – Building E (Zone 4)	11-24-16
EP105	New Power Plan – Building R (Zone 5, 6, 7)	11-24-16
EP106	HVAC Power Plan – Building C (Zone 1)	11-24-16
EP107	HVAC Power Plan – Building C (Zone 2)	11-24-16
EP108	HVAC Power Plan – Building "E" (Zone 3)	11-24-16
EP109	HVAC Power Plan – Building E (Zone 4)	11-24-16
EP110	New HVAC Power Plan – Building R (Zone 5, 6, 7)	11-24-16
EP201	Enlarged Power Plans	11-24-16
EP601	Panel Schedules – Building "E"	11-24-16
EP602	Panel Schedules – Building "E"	11-24-16
EP603	Panel Schedules – Building "C"	11-24-16
EP604	Panel Schedules – Building "R"	11-24-16
EP605	Panel Schedules – Building "R"	11-24-16
EP701	Single Line Diagram – Phase 1	11-24-16
EP702	Single Line Diagram – Phase 1 & 2	11-24-16
EP703	Fire Alarm Diagram, Lighting Control Diagram	11-24-16
ES101	Electrical Site Plan	11-24-16
EY001	Special Systems Symbols & Abbreviations	11-24-16
EY002	Telecommunications Site Plan	11-24-16



# SUNDT

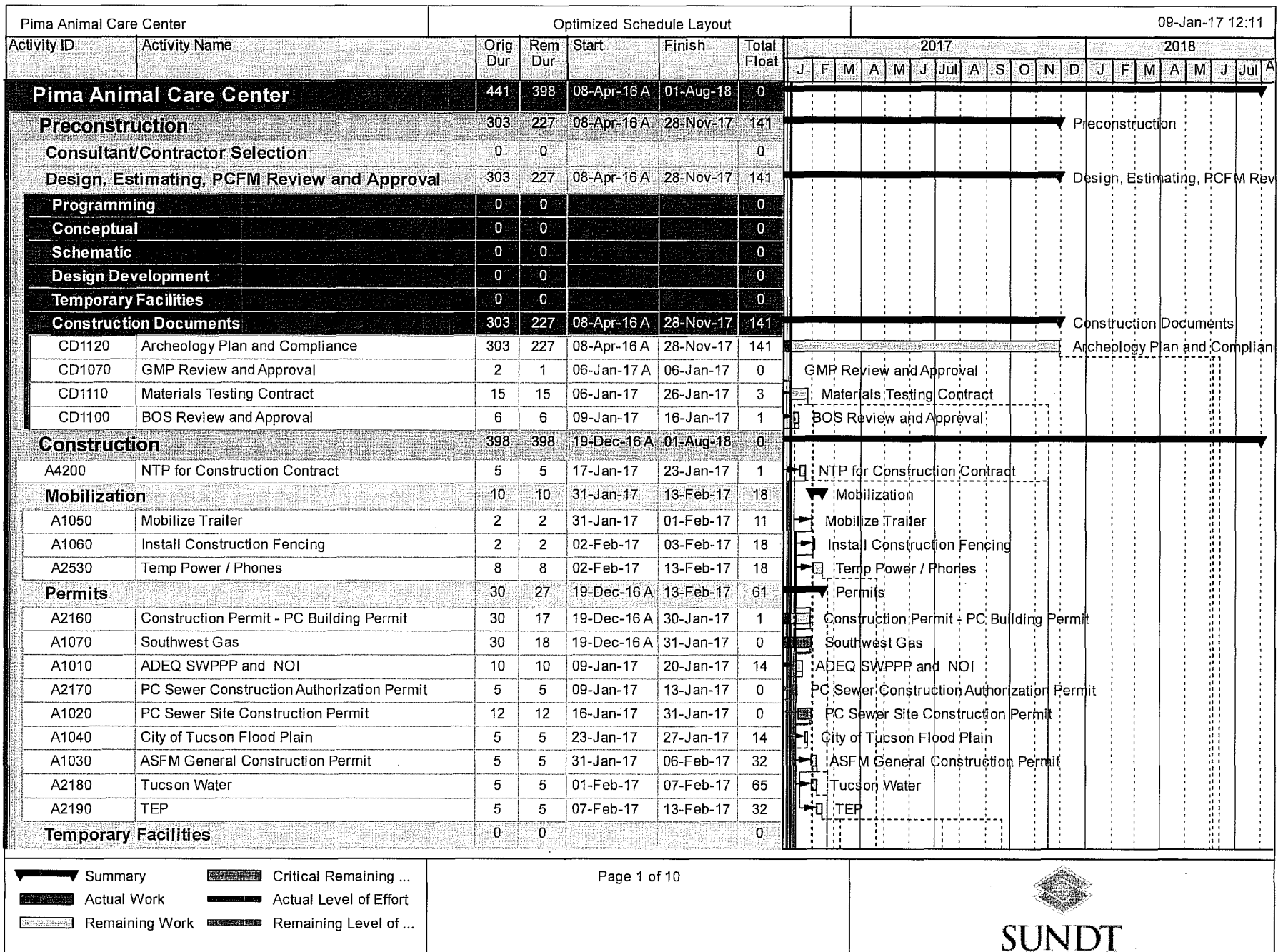
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EY101	Special Systems Plan – Buildings C (Zone 1)	11-24-16
EY102	Special Systems Plan – Buildings C (Zone 2)	11-24-16
EY103	Special Systems Plan – Buildings E (Zone 3)	11-24-16
EY104	Special Systems Plan – Buildings E (Zone 4)	11-24-16
EY105	New Special Systems Plan – Buildings R (Zones 5, 6, 7)	11-24-16
EY106	MDF & IDF Rooms Enlarged Plans	11-24-16
EY107	Telecomm Racks Elevations & Details	11-24-16
EY108	MDF & IDF Room Elevations	11-24-16
<b>ADDENDA</b>		
Sundt Addendum No. 1 – Dated December 2, 2016		
Sundt Addendum No. 2 – Dated December 6, 2016		
Sundt Addendum No. 3 – Dated December 8, 2016		
Sundt Addendum No. 4 – Dated December 11, 2016		
Sundt Addendum No. 5 – Dated December 12, 2016		
Sundt Addendum No. 6 – Dated December 13, 2016		

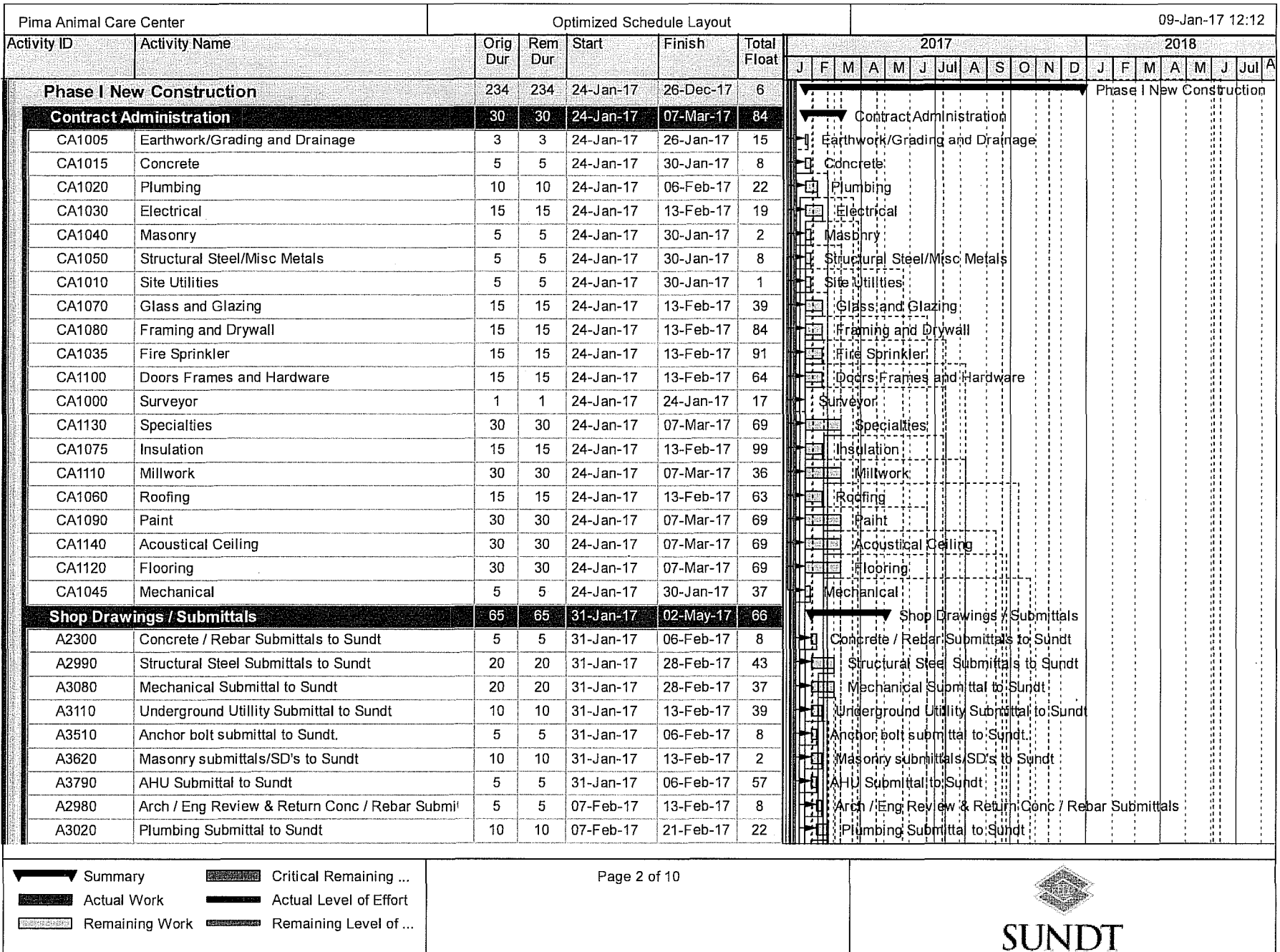


**SUNDT**







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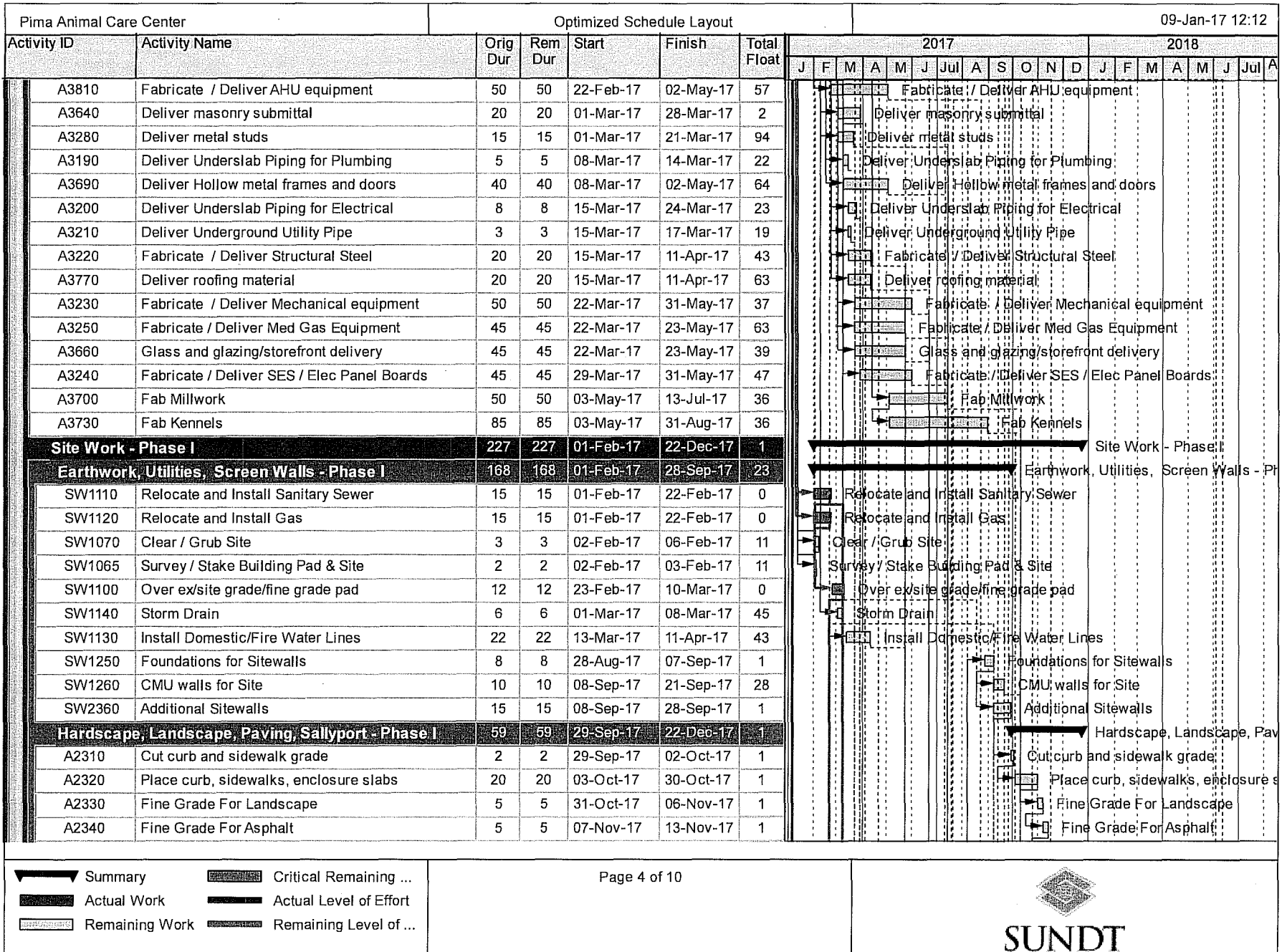
**V. PROJECT SCHEDULE**



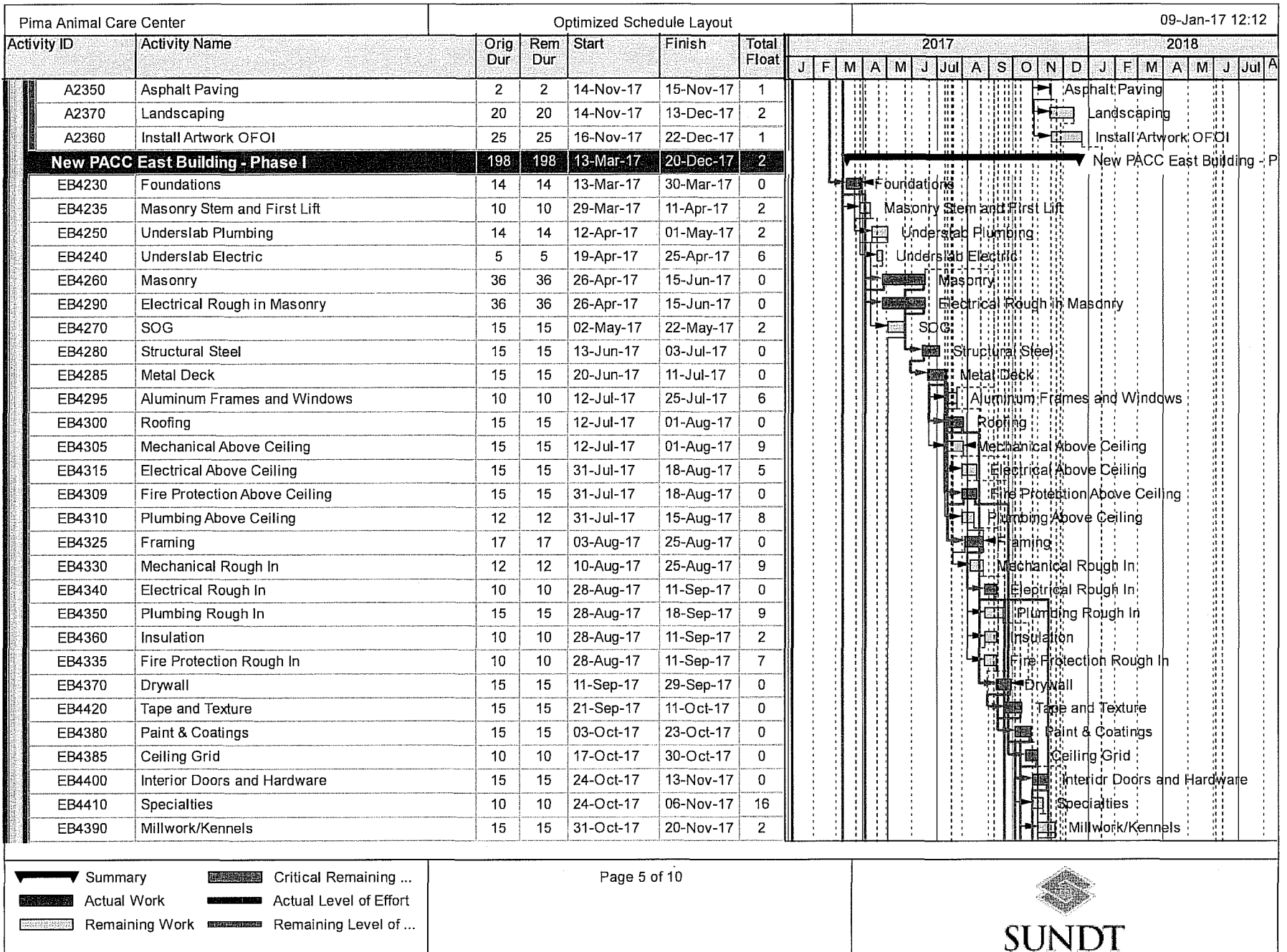


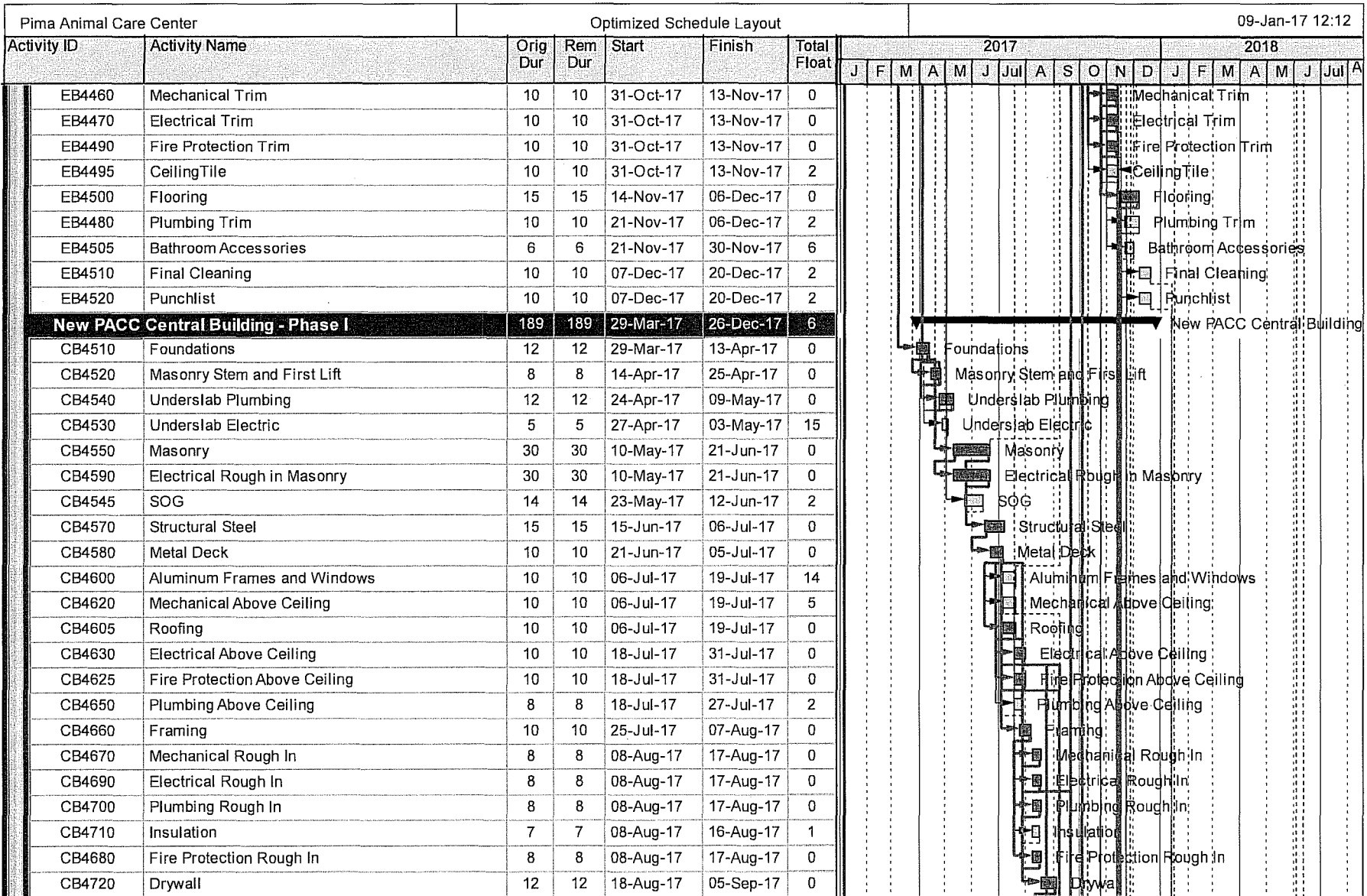
Pima Animal Care Center				Optimized Schedule Layout				09-Jan-17 12:12																		
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float	2017												2018							
							J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M	A	M	J	Jul	A
A3515	Arch / Eng review & return anchor bolts	10	10	07-Feb-17	21-Feb-17	8																				
A3800	Arch / Eng Review & Return AHU Submittal	10	10	07-Feb-17	21-Feb-17	57																				
A3050	Electrical pipe Submittal to Sundt	10	10	14-Feb-17	28-Feb-17	19																				
A3130	Arch / Eng Review & Return Underground Submittal	10	10	14-Feb-17	28-Feb-17	45																				
A3270	Metal Stud Submittal to Sundt	10	10	14-Feb-17	28-Feb-17	94																				
A3530	Electrical submittals to Sundt	20	20	14-Feb-17	14-Mar-17	47																				
A3625	Arch/Eng review & return masonry submittal	10	10	14-Feb-17	28-Feb-17	2																				
A3180	Glazing submittal/SD to Sundt	15	15	14-Feb-17	07-Mar-17	39																				
A3670	Hollow metal frames and door submittal to Sundt	5	5	14-Feb-17	21-Feb-17	64																				
A3750	Roofing submittal/SD to Sundt	10	10	14-Feb-17	28-Feb-17	63																				
A4030	Fire Alarm Submittal to Sundt	15	15	14-Feb-17	07-Mar-17	96																				
A4060	Fire Sprinkler Submittal	15	15	14-Feb-17	07-Mar-17	91																				
A4050	Insulation Submittal to Sundt	10	10	14-Feb-17	28-Feb-17	99																				
A3040	Arch / Eng Review & Return Plumbing Submittal	10	10	22-Feb-17	07-Mar-17	22																				
A3680	Arch/Eng review and return hollow metal frames	10	10	22-Feb-17	07-Mar-17	64																				
A3010	Arch / Eng Review & Return Structural Steel Sub	10	10	01-Mar-17	14-Mar-17	43																				
A3070	Arch / Eng Review & Return Electrical Submittal	10	10	01-Mar-17	14-Mar-17	19																				
A3100	Arch / Eng Review & Return Mechanical Submittal	15	15	01-Mar-17	21-Mar-17	37																				
A3760	Arch review and return roofing submittal	10	10	01-Mar-17	14-Mar-17	63																				
A4080	Arch Review and Return Insulation Submittal	10	10	01-Mar-17	14-Mar-17	99																				
A3185	Arch / Eng review & return Glazing submittal/SD's	10	10	08-Mar-17	21-Mar-17	39																				
A3710	Millwork shop drawings/submittal to Sundt	30	30	08-Mar-17	18-Apr-17	36																				
A4040	Arch/Eng review fire alarm submittal	10	10	08-Mar-17	21-Mar-17	96																				
A4070	Arch/Eng Review fire sprinkler submittal	10	10	08-Mar-17	21-Mar-17	91																				
A3780	Div 9 Submittal to Sundt	15	15	08-Mar-17	28-Mar-17	69																				
A3570	Arch / Eng review and return Electrical	10	10	15-Mar-17	28-Mar-17	47																				
A3000	Arch Review and Return Div 9 Submittals	20	20	29-Mar-17	25-Apr-17	69																				
A3720	Arch review & return millwork SD's/submittals	10	10	19-Apr-17	02-May-17	36																				
Line and Space Review & Approval		0	0			0																				
Procurement		140	140	14-Feb-17	31-Aug-17	36																				
A3160	Fabricate / Deliver Foundation Rebar	10	10	14-Feb-17	28-Feb-17	8																				
A3170	Deliver Anchor Bolts & Templates For Structural	5	5	22-Feb-17	28-Feb-17	8																				

 Summary
  Critical Remaining ...
  Actual Work
  Actual Level of Effort
  Remaining Work
  Remaining Level of ...











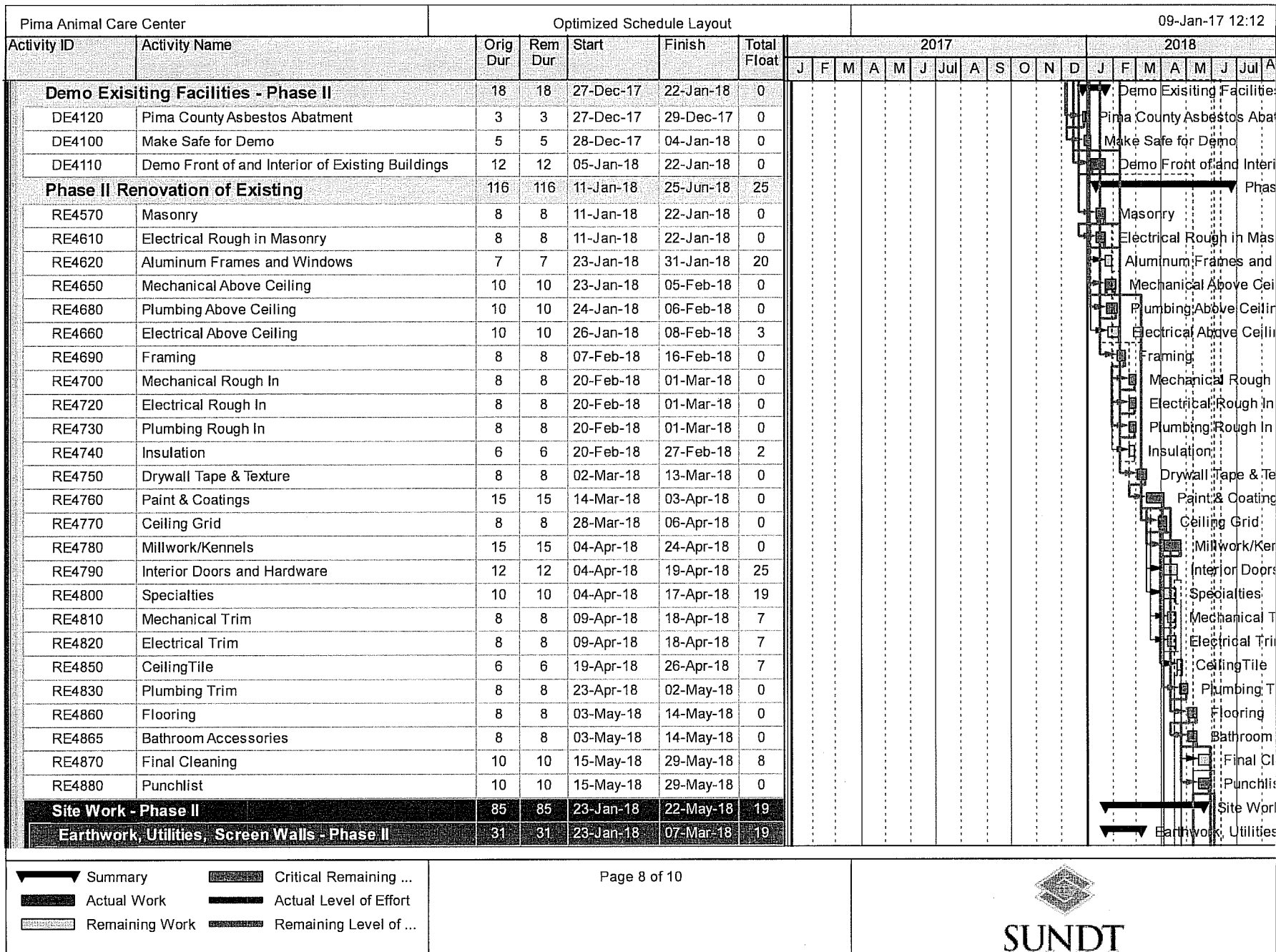










Summary  
 Actual Work  
 Remaining Work  
 Critical Remaining ...  
 Actual Level of Effort  
 Remaining Level of ...

Pima Animal Care Center			Optimized Schedule Layout					09-Jan-17 12:12																							
Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	Total Float	2017												2018												
							J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M	A	M	J	Jul	A					
CB4840	Tape and Texture	10	10	01-Sep-17	15-Sep-17	0																									
CB4730	Paint & Coatings	15	15	14-Sep-17	04-Oct-17	0																									
CB4740	Ceiling Grid	10	10	28-Sep-17	11-Oct-17	0																									
CB4760	Mechanical Trim	10	10	12-Oct-17	25-Oct-17	8																									
CB4770	Electrical Trim	10	10	12-Oct-17	25-Oct-17	8																									
CB4790	Fire Protection Trim	10	10	12-Oct-17	25-Oct-17	8																									
CB4850	Interior Doors and Hardware	10	10	12-Oct-17	25-Oct-17	19																									
CB4750	Millwork/Kennels	15	15	24-Oct-17	13-Nov-17	0																									
CB4800	Ceiling Tile	10	10	26-Oct-17	08-Nov-17	8																									
CB4810	Flooring	15	15	14-Nov-17	06-Dec-17	0																									
CB4780	Plumbing Trim	10	10	14-Nov-17	29-Nov-17	9																									
CB4820	Bathroom Accessories	6	6	27-Nov-17	04-Dec-17	4																									
CB4830	Final Cleaning	10	10	05-Dec-17	18-Dec-17	4																									
EB4550	Punchlist	15	15	05-Dec-17	26-Dec-17	6																									
Startup/Test/Balance - Phase I		38	38	12-Oct-17	06-Dec-17	6																									
STB1000	Startup East Building	8	8	12-Oct-17	23-Oct-17	0																									
STB3000	Startup Central Building	8	8	12-Oct-17	23-Oct-17	0																									
STB2000	Test and Balance East Building	15	15	14-Nov-17	06-Dec-17	2																									
STB4000	Test and Balance Central Building	15	15	14-Nov-17	06-Dec-17	6																									
AHJ Inspections/Commisioning - Phase I		49	49	12-Oct-17	21-Dec-17	1																									
A2550	Commissioning	40	40	12-Oct-17	08-Dec-17	4																									
A2540	Fire/Life Safety Testing	4	4	07-Dec-17	12-Dec-17	2																									
A2630	Building TCO	1	1	13-Dec-17	13-Dec-17	2																									
A2640	Substantial Completion Phase 1	1	1	21-Dec-17	21-Dec-17	1																									
PACC Relocation - Phase I		43	43	24-Oct-17	26-Dec-17	0																									
A4600	Pima County AV	10	10	24-Oct-17	06-Nov-17	27																									
A4610	Pima County IT	10	10	24-Oct-17	06-Nov-17	27																									
A4620	Pima County Signage	10	10	24-Oct-17	06-Nov-17	27																									
PR4110	Furniture Install	10	10	07-Dec-17	20-Dec-17	0																									
PR4120	Move-In	5	5	18-Dec-17	22-Dec-17	0																									
Open For Business to Public Phase I		1	1	26-Dec-17	26-Dec-17	0																									
PR4130	Open to Public	1	1	26-Dec-17	26-Dec-17	0																									

 Summary    
  Critical Remaining ...  
 Actual Work    
  Actual Level of Effort  
 Remaining Work    
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Pima Animal Care Center			Optimized Schedule Layout				09-Jan-17 12:12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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A4500	Foundations for Sitewalls	8	8	23-Jan-18	01-Feb-18	19																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

 Summary
  Critical Remaining ...
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  Remaining Level of ...





**SUNDT**

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**VI. CASH FLOW FORECAST**

**SUNDT CONSTRUCTION, INC.**  
**Projected Cash Flow Forecast**

Project Name: Pima County Animal Care

Month - Year	Phase I Billing %	Phase II Billing %	Projected Billing	Notes
			\$ -	Begin Phase I
February 2017	4%		538,576	
March 2017	6%		807,864	
April 2017	5%		673,220	
May 2017	8%		1,077,151	
June 2017	10%		1,346,439	
July 2017	12%		1,615,727	
August 2017	14%		1,885,015	
September 2017	12%		1,615,727	
October 2017	10%		1,346,439	
November 2017	8%		1,077,151	
December 2017	4%		538,576	
January 2018	2%	8%	469,288	Begin Phase II
February 2018		12%	300,000	
March 2018	5%	14%	1,023,220	
April 2018		16%	400,000	
May 2018		20%	500,000	
June 2018		14%	350,000	
July 2018		9%	225,000	
August 2018		7%	175,000	
<b>Totals</b>	<b>100%</b>	<b>100%</b>	<b>\$ 15,964,393</b>	





**SUNDT**

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**VII. SUBCONTRACTOR SELECTIONS / SBE REQUIREMENTS**



**SUNDT**

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## **VII. Subcontractor Selections / SBE Requirements**

**Sundt will meet the established 8% goal for SBE participation. The remaining related documents will be submitted at the Preconstruction Meeting.**