Texas Commission on Environmental Quality

Edwards Aquifer Application Cover Page

Our Review of Your Application

The Edwards Aquifer Program staff conducts an administrative and technical review of all applications. The turnaround time for administrative review can be up to 30 days as outlined in 30 TAC 213.4(e). Generally administrative completeness is determined during the intake meeting or within a few days of receipt. The turnaround time for technical review of an administratively complete Edwards Aquifer application is 90 days as outlined in 30 TAC 213.4(e). Please know that the review and approval time is directly impacted by the quality and completeness of the initial application that is received. In order to conduct a timely review, it is imperative that the information provided in an Edwards Aquifer application include final plans, be accurate, complete, and in compliance with 30 TAC 213.

Administrative Review

1. Edwards Aquifer applications must be deemed administratively complete before a technical review can begin. To be considered administratively complete, the application must contain completed forms and attachments, provide the requested information, and meet all the site plan requirements. The submitted application and plan sheets should be final plans. Please submit one full-size set of plan sheets with the original application, and half-size sets with the additional copies.

   To ensure that all applicable documents are included in the application, the program has developed tools to guide you and web pages to provide all forms, checklists, and guidance. Please visit the below website for assistance: http://www.tceq.texas.gov/field/eapp.

2. This Edwards Aquifer Application Cover Page form (certified by the applicant or agent) must be included in the application and brought to the administrative review meeting.

3. Administrative reviews are scheduled with program staff who will conduct the review. Applicants or their authorized agent should call the appropriate regional office, according to the county in which the project is located, to schedule a review. The average meeting time is one hour.

4. In the meeting, the application is examined for administrative completeness. Deficiencies will be noted by staff and emailed or faxed to the applicant and authorized agent at the end of the meeting, or shortly after. Administrative deficiencies will cause the application to be deemed incomplete and returned.

   An appointment should be made to resubmit the application. The application is re-examined to ensure all deficiencies are resolved. The application will only be deemed administratively complete when all administrative deficiencies are addressed.

5. If an application is received by mail, courier service, or otherwise submitted without a review meeting, the administrative review will be conducted within 30 days. The applicant and agent will be contacted with the results of the administrative review. If the application is found to be administratively incomplete, it can be retrieved from the regional office or returned by regular mail. If returned by mail, the regional office may require arrangements for return shipping.

6. If the geologic assessment was completed before October 1, 2004 and the site contains "possibly sensitive" features, the assessment must be updated in accordance with the *Instructions to Geologists* (TCEQ-0585 Instructions).

Technical Review

1. When an application is deemed administratively complete, the technical review period begins. The regional office will distribute copies of the application to the identified affected city, county, and groundwater conservation district whose jurisdiction includes the subject site. These entities and the public have 30 days to provide comments on the application to the regional office. All comments received are reviewed by TCEQ.

2. A site assessment is usually conducted as part of the technical review, to evaluate the geologic assessment and observe existing site conditions. The site must be accessible to our staff. The site boundaries should be

clearly marked, features identified in the geologic assessment should be flagged, roadways marked and the alignment of the Sewage Collection System and manholes should be staked at the time the application is submitted. If the site is not marked the application may be returned.

3. We evaluate the application for technical completeness and contact the applicant and agent via Notice of Deficiency (NOD) to request additional information and identify technical deficiencies. There are two deficiency response periods available to the applicant. There are 14 days to resolve deficiencies noted in the first NOD. If a second NOD is issued, there is an additional 14 days to resolve deficiencies. If the response to the second notice is not received, is incomplete or inadequate, or provides new information that is incomplete or inadequate, the application must be withdrawn or will be denied. Please note that because the technical review is underway, whether the application is withdrawn or denied **the application fee will be forfeited**.

4. The program has 90 calendar days to complete the technical review of the application. If the application is technically adequate, such that it complies with the Edwards Aquifer rules, and is protective of the Edwards Aquifer during and after construction, an approval letter will be issued. Construction or other regulated activity may not begin until an approval is issued.

Mid-Review Modifications

It is important to have final site plans prior to beginning the permitting process with TCEQ to avoid delays.

Occasionally, circumstances arise where you may have significant design and/or site plan changes after your Edwards Aquifer application has been deemed administratively complete by TCEQ. This is considered a "Mid-Review Modification". Mid-Review Modifications may require redistribution of an application that includes the proposed modifications for public comment.

If you are proposing a Mid-Review Modification, two options are available:

- If the technical review has begun your application can be denied/withdrawn, your fees will be forfeited, and the plan will have to be resubmitted.
- TCEQ can continue the technical review of the application as it was submitted, and a modification application can be submitted at a later time.

If the application is denied/withdrawn, the resubmitted application will be subject to the administrative and technical review processes and will be treated as a new application. The application will be redistributed to the affected jurisdictions.

Please contact the regional office if you have questions. If your project is located in Williamson, Travis, or Hays County, contact TCEQ's Austin Regional Office at 512-339-2929. If your project is in Comal, Bexar, Medina, Uvalde, or Kinney County, contact TCEQ's San Antonio Regional Office at 210-490-3096

Please fill out all required fields below and submit with your application.

1. Regulated Entity Name: San Antonio Water System Walden Heights						**2. Regulated Entity No.:**			
3. Customer Name: San Antonio Water System						**4. Customer No.:600529069**			
5. Project Type: **(Please circle/check one)**	New		Modification			Extension		Exception	
6. Plan Type: **(Please circle/check one)**	WPAP	CZP	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: **(Please circle/check one)**	Residential		Non-residential			**8. Site (acres):**			0.013923
9. Application Fee:	$3,000		**10. Permanent BMP(s):**			Proposed			
11. SCS (Linear Ft.):	N/A		**12. AST/UST (No. Tanks):**			1			
13. County:	Bexar		**14. Watershed:**			Leon			

Application Distribution

Instructions: Use the table below to determine the number of applications required. One original and one copy of the application, plus additional copies (as needed) for each affected incorporated city, county, and groundwater conservation district are required. Linear projects or large projects, which cross into multiple jurisdictions, can require additional copies. Refer to the "Texas Groundwater Conservation Districts within the EAPP Boundaries" map found at:

http://www.tceq.texas.gov/assets/public/compliance/field_ops/eapp/EAPP%20GWCD%20map.pdf

For more detailed boundaries, please contact the conservation district directly.

Austin Region			
County:	**Hays**	**Travis**	**Williamson**
Original (1 req.)	___	___	___
Region (1 req.)	___	___	___
County(ies)	___	___	___
Groundwater Conservation District(s)	___Edwards Aquifer Authority ___Barton Springs/ Edwards Aquifer ___Hays Trinity ___Plum Creek	___Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	___Austin ___Buda ___Dripping Springs ___Kyle ___Mountain City ___San Marcos ___Wimberley ___Woodcreek	___Austin ___Bee Cave ___Pflugerville ___Rollingwood ___Round Rock ___Sunset Valley ___West Lake Hills	___Austin ___Cedar Park ___Florence ___Georgetown ___Jerrell ___Leander ___Liberty Hill ___Pflugerville ___Round Rock

San Antonio Region					
County:	**Bexar**	**Comal**	**Kinney**	**Medina**	**Uvalde**
Original (1 req.)	_X_	___	___	___	___
Region (1 req.)	_X_	___	___	___	___
County(ies)	_X_	___	___	___	___
Groundwater Conservation District(s)	___ Edwards Aquifer Authority _X_Trinity-Glen Rose	___Edwards Aquifer Authority	___Kinney	___EAA ___Medina	___EAA ___Uvalde
City(ies) Jurisdiction	___Castle Hills ___Fair Oaks Ranch _X_Helotes ___Hill Country Village ___Hollywood Park ___San Antonio (SAWS) ___Shavano Park	___Bulverde ___Fair Oaks Ranch ___Garden Ridge ___New Braunfels ___Schertz	NA	___San Antonio ETJ (SAWS)	NA

I certify that to the best of my knowledge, that the application is complete and accurate. This application is hereby submitted to TCEQ for administrative review and technical review. **Aaron Bentley, E.I.T.**
Print Name of Customer/Authorized Agent Aaron Bentley Digitally signed by Aaron Bentley DN: C=US, E=aaron.bentley@westonsolutions.com, OU="Weston Solutions, Inc.", CN=Aaron Bentley Date: 2024.09.11 10:48:19-05'00'
Signature of Customer/Authorized Agent Date

FOR TCEQ INTERNAL USE ONLY				
Date(s)Reviewed:		Date Administratively Complete:		
Received From:		Correct Number of Copies:		
Received By:		Distribution Date:		
EAPP File Number:		Complex:		
Admin. Review(s) (No.):		No. AR Rounds:		
Delinquent Fees (Y/N):		Review Time Spent:		
Lat./Long. Verified:		SOS Customer Verification:		
Agent Authorization Complete/Notarized (Y/N):		Fee Check:	Payable to TCEQ (Y/N):	
Core Data Form Complete (Y/N):			Signed (Y/N):	
Core Data Form Incomplete Nos.:			Less than 90 days old (Y/N):	

CONTRIBUTING ZONE PLAN (TCEQ 10257)

Contributing Zone Plan Application

Texas Commission on Environmental Quality

for Regulated Activities on the Contributing Zone to the Edwards Aquifer and Relating to 30 TAC §213.24(1), Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Contributing Zone Plan Application** is hereby submitted for TCEQ review and Executive Director approval. The application was prepared by:

Print Name of Customer/Agent: Aaron Bentley, E.I.T.

Date: 9/10/2024

Signature of Customer/Agent:

Aaron Bentley Digitally signed by Aaron Bentley
DN: C=US, E=aaron.bentley@westonsolutions.com, OU="Weston Solutions, Inc.", CN=Aaron Bentley
Date: 2024.09.11 10:48:57-05'00'

Regulated Entity Name: San Antonio Water System Walden Heights

Project Information

1. County: Bexar
2. Stream Basin: San Antonio
3. Groundwater Conservation District (if applicable): Trinity Glen Rose
4. Customer (Applicant):

   Contact Person: Dr. Saqib Shirazi, P.E., PMP
   Entity: San Antonio Water System
   Mailing Address: 2800 US Highway 281 N
   City, State: San Antonio, TX Zip: 78212
   Telephone: 210-704-7297 Fax: _____
   Email Address: saqib.shirazi@saws.org

5. Agent/Representative (If any):

   Contact Person: Aaron Bentley, E.I.T.
   Entity: Weston Solutions, Inc
   Mailing Address: 70 NE Loop 410 Ste 600
   City, State: San Antonio, TX Zip: 78216
   Telephone: 210-308-4311 Fax: _____
   Email Address: aaron.bentley@westonsolutions.com

6. Project Location:

   ☐ The project site is located inside the city limits of _____.
   ☒ The project site is located outside the city limits but inside the ETJ (extra-territorial jurisdiction) of COSA.
   ☐ The project site is not located within any city's limits or ETJ.

7. ☒ The location of the project site is described below. Sufficient detail and clarity has been provided so that the TCEQ's Regional staff can easily locate the project and site boundaries for a field investigation.

   The site is off of Legend Lane with the site entrance at GPS coordinates (LAT: 29.616020 deg; LONG: -98.617718 deg).

8. ☒ **Attachment A - Road Map**. A road map showing directions to and the location of the project site is attached. The map clearly shows the boundary of the project site.

9. ☒ **Attachment B - USGS Quadrangle Map**. A copy of the official 7 ½ minute USGS Quadrangle Map (Scale: 1" = 2000') is attached. The map(s) clearly show:

   ☒ Project site boundaries.
   ☒ USGS Quadrangle Name(s).

10. ☒ **Attachment C - Project Narrative**. A detailed narrative description of the proposed project is attached. The project description is consistent throughout the application and contains, at a minimum, the following details:

    ☒ Area of the site
    ☒ Offsite areas
    ☒ Impervious cover
    ☒ Permanent BMP(s)
    ☒ Proposed site use
    ☒ Site history
    ☒ Previous development
    ☒ Area(s) to be demolished

11. Existing project site conditions are noted below:

    ☐ Existing commercial site
    ☐ Existing industrial site

☐ Existing residential site
☐ Existing paved and/or unpaved roads
☐ Undeveloped (Cleared)
☐ Undeveloped (Undisturbed/Not cleared)
☒ Other: Water pump station, Public utility

12. The type of project is:

☐ Residential: # of Lots: _____
☐ Residential: # of Living Unit Equivalents: _____
☐ Commercial
☐ Industrial
☒ Other: Water pump station, Public utility

13. Total project area (size of site): 0.0557 Acres

    Total disturbed area: 0.00705 Acres

14. Estimated projected population: N/A

15. The amount and type of impervious cover expected after construction is complete is shown below:

Table 1 - Impervious Cover

Impervious Cover of Proposed Project	*Sq. Ft.*	*Sq. Ft./Acre*	*Acres*
Structures/Rooftops		÷ 43,560 =	
Parking		÷ 43,560 =	
Other paved surfaces	326.94	÷ 43,560 =	0.00705
Total Impervious Cover	326.94	÷ 43,560 =	0.00705

Total Impervious Cover 0.00705 **÷ Total Acreage** 0.0557 **X 100 =** 12.66**% Impervious Cover**

16. ☒ **Attachment D - Factors Affecting Surface Water Quality**. A detailed description of all factors that could affect surface water quality is attached. If applicable, this includes the location and description of any discharge associated with industrial activity other than construction.

17. ☒ Only inert materials as defined by 30 TAC 330.2 will be used as fill material.

For Road Projects Only

Complete questions 18 - 23 if this application is exclusively for a road project.

☒ N/A

18. Type of project:

- ☐ TXDOT road project.
- ☐ County road or roads built to county specifications.
- ☐ City thoroughfare or roads to be dedicated to a municipality.
- ☐ Street or road providing access to private driveways.

19. Type of pavement or road surface to be used:

- ☐ Concrete
- ☐ Asphaltic concrete pavement
- ☐ Other: _____

20. Right of Way (R.O.W.):

Length of R.O.W.: _____ feet.
Width of R.O.W.: _____ feet.
L x W = _____Ft^2 ÷ 43,560 Ft^2/Acre = _____ acres.

21. Pavement Area:

Length of pavement area: _____ feet.
Width of pavement area: _____ feet.
L x W = _____Ft^2 ÷ 43,560 Ft^2/Acre = _____ acres.
Pavement area _____ acres ÷ R.O.W. area _____ acres x 100 = _____% impervious cover.

22. ☐ A rest stop will be included in this project.

☐ A rest stop will not be included in this project.

23. ☐ Maintenance and repair of existing roadways that do not require approval from the TCEQ Executive Director. Modifications to existing roadways such as widening roads/adding shoulders totaling more than one-half (1/2) the width of one (1) existing lane require prior approval from the TCEQ.

Stormwater to be generated by the Proposed Project

24. ☒ **Attachment E - Volume and Character of Stormwater**. A detailed description of the volume (quantity) and character (quality) of the stormwater runoff which is expected to occur from the proposed project is attached. The estimates of stormwater runoff quality and quantity are based on area and type of impervious cover. Include the runoff coefficient of the site for both pre-construction and post-construction conditions.

Wastewater to be generated by the Proposed Project

25. ☐ Wastewater is to be discharged in the contributing zone. Requirements under 30 TAC §213.6(c) relating to Wastewater Treatment and Disposal Systems have been satisfied.

☒ N/A

26. Wastewater will be disposed of by:

☐ On-Site Sewage Facility (OSSF/Septic Tank):

☐ **Attachment F - Suitability Letter from Authorized Agent**. An on-site sewage facility will be used to treat and dispose of the wastewater from this site. The appropriate licensing authority's (authorized agent) written approval is attached. It states that the land is suitable for the use of private sewage facilities and will meet or exceed the requirements for on-site sewage facilities as specified under 30 TAC Chapter 285 relating to On-site Sewage Facilities.

☐ Each lot in this project/development is at least one (1) acre (43,560 square feet) in size. The system will be designed by a licensed professional engineer or registered sanitarian and installed by a licensed installer in compliance with 30 TAC Chapter 285.

☐ Sewage Collection System (Sewer Lines):

The sewage collection system will convey the wastewater to the _____ (name) Treatment Plant. The treatment facility is:

☐ Existing.
☐ Proposed.

☒ N/A

Permanent Aboveground Storage Tanks(ASTs) ≥ 500 Gallons

Complete questions 27 - 33 if this project includes the installation of AST(s) with volume(s) greater than or equal to 500 gallons.

☐ N/A

27. Tanks and substance stored:

Table 2 - Tanks and Substance Storage

AST Number	*Size (Gallons)*	*Substance to be Stored*	*Tank Material*
1	1700	Diesel Fuel	Double-walled Steel Tank
2			
3			
4			
5			

Total x 1.5 = 2550 **Gallons**

28. ☐ The AST will be placed within a containment structure that is sized to capture one and one-half (1 1/2) times the storage capacity of the system. For facilities with more than one tank system, the containment structure is sized to capture one and one-half (1 1/2) times the cumulative storage capacity of all systems.

☒ **Attachment G - Alternative Secondary Containment Methods**. Alternative methods for providing secondary containment are proposed. Specifications showing equivalent protection for the Edwards Aquifer are attached.

29. Inside dimensions and capacity of containment structure(s):

Table 3 - Secondary Containment

Length (L)(Ft.)	*Width(W)(Ft.)*	*Height (H)(Ft.)*	*L x W x H = (Ft3)*	*Gallons*
19.5	6.8	10.6	1,405.56	10,513

Total: 10,513 **Gallons**

30. Piping:

☒ All piping, hoses, and dispensers will be located inside the containment structure.
☐ Some of the piping to dispensers or equipment will extend outside the containment structure.
☐ The piping will be aboveground
☐ The piping will be underground

31. ☒ The containment area must be constructed of and in a material impervious to the substance(s) being stored. The proposed containment structure will be constructed of: Steel, Double-walled steel tank.

32. ☒ **Attachment H - AST Containment Structure Drawings**. A scaled drawing of the containment structure is attached that shows the following:

☒ Interior dimensions (length, width, depth and wall and floor thickness).
☒ Internal drainage to a point convenient for the collection of any spillage.
☒ Tanks clearly labeled
☒ Piping clearly labeled
☒ Dispenser clearly labeled

33. ☒ Any spills must be directed to a point convenient for collection and recovery. Spills from storage tank facilities must be removed from the controlled drainage area for disposal within 24 hours of the spill.

☒ In the event of a spill, any spillage will be removed from the containment structure within 24 hours of the spill and disposed of properly.

☐ In the event of a spill, any spillage will be drained from the containment structure through a drain and valve within 24 hours of the spill and disposed of properly. The drain and valve system are shown in detail on the scaled drawing.

Site Plan Requirements

Items 34 - 46 must be included on the Site Plan.

34. ☒ The Site Plan must have a minimum scale of 1" = 400'.

    Site Plan Scale: 1" = 400'.

35. 100-year floodplain boundaries:

    ☐ Some part(s) of the project site is located within the 100-year floodplain. The floodplain is shown and labeled.

    ☒ No part of the project site is located within the 100-year floodplain.

    The 100-year floodplain boundaries are based on the following specific (including date of material) sources(s): Panel 0230.

36. ☒ The layout of the development is shown with existing and finished contours at appropriate, but not greater than ten-foot contour intervals. Lots, recreation centers, buildings, roads, etc. are shown on the site plan.

    ☐ The layout of the development is shown with existing contours at appropriate, but not greater than ten-foot contour intervals. Finished topographic contours will not differ from the existing topographic configuration and are not shown. Lots, recreation centers, buildings, roads, etc. are shown on the site plan.

37. ☒ A drainage plan showing all paths of drainage from the site to surface streams.

38. ☒ The drainage patterns and approximate slopes anticipated after major grading activities.

39. ☒ Areas of soil disturbance and areas which will not be disturbed.

40. ☒ Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.

41. ☒ Locations where soil stabilization practices are expected to occur.

42. ☐ Surface waters (including wetlands).

    ☒ N/A

43. ☐ Locations where stormwater discharges to surface water.

    ☒ There will be no discharges to surface water.

44. ☐ Temporary aboveground storage tank facilities.

☒ Temporary aboveground storage tank facilities will not be located on this site.

45. ☒ Permanent aboveground storage tank facilities.

☐ Permanent aboveground storage tank facilities will not be located on this site.

46. ☒ Legal boundaries of the site are shown.

Permanent Best Management Practices (BMPs)

Practices and measures that will be used during and after construction is completed.

47. ☐ Permanent BMPs and measures must be implemented to control the discharge of pollution from regulated activities after the completion of construction.

☒ N/A

48. ☐ These practices and measures have been designed, and will be constructed, operated, and maintained to insure that 80% of the incremental increase in the annual mass loading of total suspended solids (TSS) from the site caused by the regulated activity is removed. These quantities have been calculated in accordance with technical guidance prepared or accepted by the executive director.

☐ The TCEQ Technical Guidance Manual (TGM) was used to design permanent BMPs and measures for this site.

☐ A technical guidance other than the TCEQ TGM was used to design permanent BMPs and measures for this site. The complete citation for the technical guidance that was used is: _____.

☒ N/A

49. ☐ Owners must insure that permanent BMPs and measures are constructed and function as designed. A Texas Licensed Professional Engineer must certify in writing that the permanent BMPs or measures were constructed as designed. The certification letter must be submitted to the appropriate regional office within 30 days of site completion.

☒ N/A

50. Where a site is used for low density single-family residential development and has 20 % or less impervious cover, other permanent BMPs are not required. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.

☐ The site will be used for low density single-family residential development and has 20% or less impervious cover.

☐ The site will be used for low density single-family residential development but has more than 20% impervious cover.

☒ The site will not be used for low density single-family residential development.

51. The executive director may waive the requirement for other permanent BMPs for multi-family residential developments, schools, or small business sites where 20% or less impervious cover is used at the site. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.

☐ **Attachment I - 20% or Less Impervious Cover Waiver**. The site will be used for multi-family residential developments, schools, or small business sites and has 20% or less impervious cover. A request to waive the requirements for other permanent BMPs and measures is attached.

☐ The site will be used for multi-family residential developments, schools, or small business sites but has more than 20% impervious cover.

☒ The site will not be used for multi-family residential developments, schools, or small business sites.

52. ☒ **Attachment J - BMPs for Upgradient Stormwater**.

☐ A description of the BMPs and measures that will be used to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site is attached.

☐ No surface water, groundwater or stormwater originates upgradient from the site and flows across the site, and an explanation is attached.

☒ Permanent BMPs or measures are not required to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site, and an explanation is attached.

53. ☒ **Attachment K - BMPs for On-site Stormwater**.

☐ A description of the BMPs and measures that will be used to prevent pollution of surface water or groundwater that originates on-site or flows off the site, including pollution caused by contaminated stormwater runoff from the site is attached.

☒ Permanent BMPs or measures are not required to prevent pollution of surface water or groundwater that originates on-site or flows off the site, including pollution caused by contaminated stormwater runoff, and an explanation is attached.

54. ☐ **Attachment L - BMPs for Surface Streams**. A description of the BMPs and measures that prevent pollutants from entering surface streams is attached.

☒ N/A

55. ☐ **Attachment M - Construction Plans**. Construction plans and design calculations for the proposed permanent BMPs and measures have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer, and are signed, sealed, and

dated. Construction plans for the proposed permanent BMPs and measures are attached and include: Design calculations, TCEQ Construction Notes, all proposed structural plans and specifications, and appropriate details.

☒ N/A

56. ☐ **Attachment N - Inspection, Maintenance, Repair and Retrofit Plan**. A site and BMP specific plan for the inspection, maintenance, repair, and, if necessary, retrofit of the permanent BMPs and measures is attached. The plan fulfills all of the following:

    ☐ Prepared and certified by the engineer designing the permanent BMPs and measures
    ☐ Signed by the owner or responsible party
    ☐ Outlines specific procedures for documenting inspections, maintenance, repairs, and, if necessary, retrofit.
    ☐ Contains a discussion of record keeping procedures

    ☒ N/A

57. ☐ **Attachment O - Pilot-Scale Field Testing Plan**. Pilot studies for BMPs that are not recognized by the Executive Director require prior approval from the TCEQ. A plan for pilot-scale field testing is attached.

    ☒ N/A

58. ☐ **Attachment P - Measures for Minimizing Surface Stream Contamination**. A description of the measures that will be used to avoid or minimize surface stream contamination and changes in the way in which water enters a stream as a result of the construction and development is attached. The measures address increased stream flashing, the creation of stronger flows and in-stream velocities, and other in-stream effects caused by the regulated activity, which increase erosion that result in water quality degradation.

    ☒ N/A

Responsibility for Maintenance of Permanent BMPs and Measures after Construction is Complete.

59. ☒ The applicant is responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an owner's association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. Such entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred.

60. ☒ A copy of the transfer of responsibility must be filed with the executive director at the appropriate regional office within 30 days of the transfer if the site is for use as a

multiple single-family residential development, a multi-family residential development, or a non-residential development such as commercial, industrial, institutional, schools, and other sites where regulated activities occur.

Administrative Information

61. ☒ Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions.

62. ☒ Any modification of this Contributing Zone Plan may require TCEQ review and Executive Director approval prior to construction, and may require submission of a revised application, with appropriate fees.

63. ☒ The site description, controls, maintenance, and inspection requirements for the storm water pollution prevention plan (SWPPP) developed under the EPA NPDES general permits for stormwater discharges have been submitted to fulfill paragraphs 30 TAC §213.24(1-5) of the technical report. All requirements of 30 TAC §213.24(1-5) have been met by the SWPPP document.

☒ The Temporary Stormwater Section (TCEQ-0602) is included with the application.

ATTACHMENT A

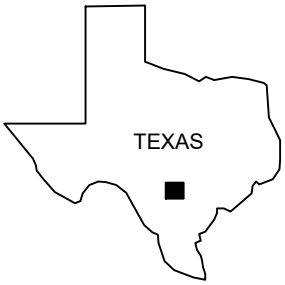
ROAD MAP

LEGEND:

SITE LOCATION

0 150 300

SCALE IN FEET



N

WESTON

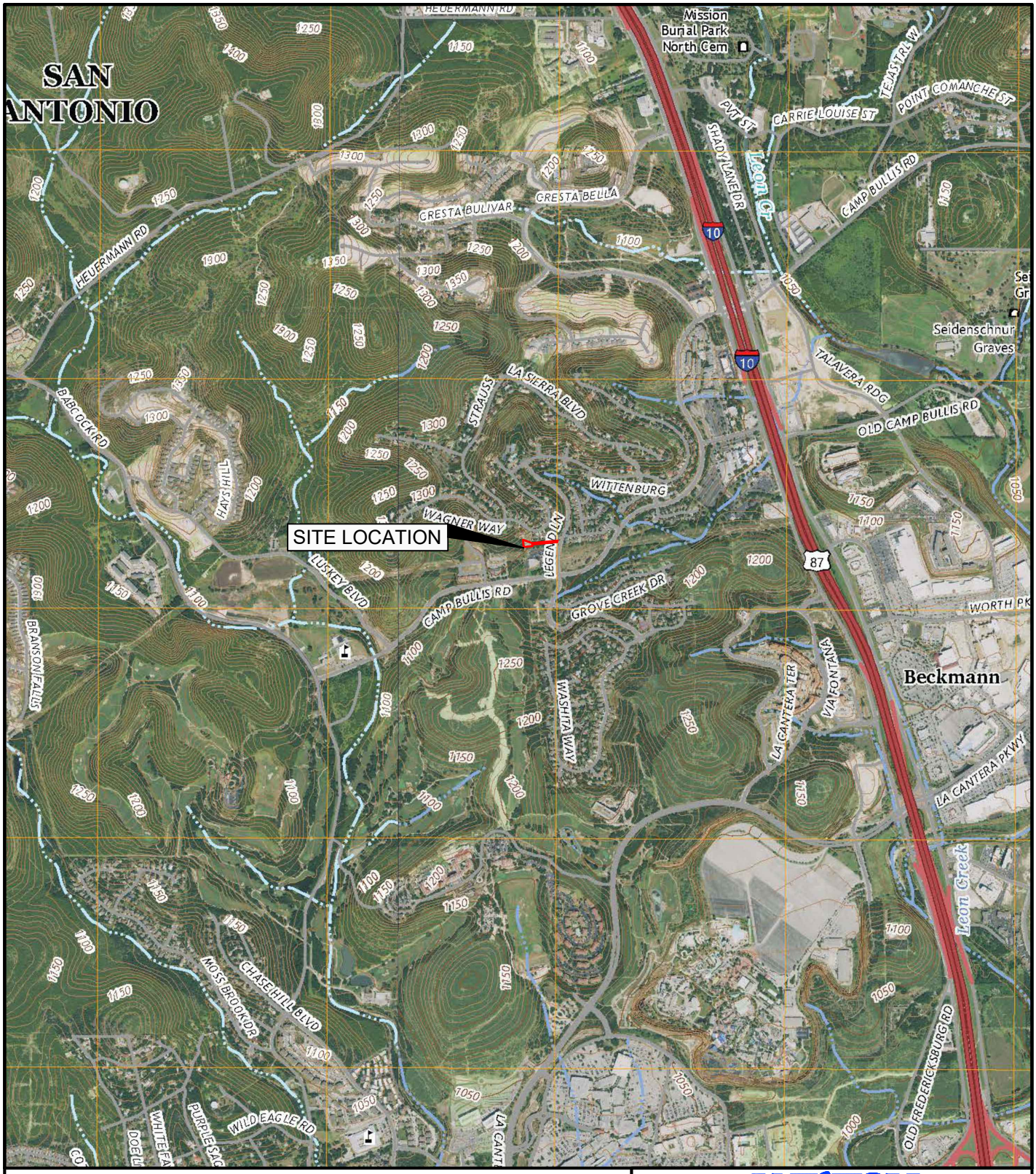
FIGURE 1
ROAD MAP

6601 LEGEND LN
CITY OF SAN ANTONIO

DATE	PROJECT NO.	SCALE
June 2024	10412.031.001.0005	AS SHOWN

ATTACHMENT B

USGS QUADRANGLE MAP

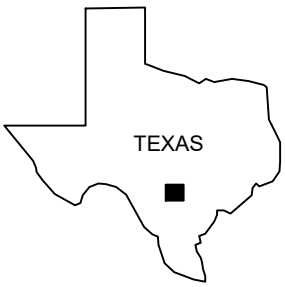


LEGEND:

SITE LOCATION

0 1000 2000

SCALE IN FEET



N

SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAPS, HELOTES TX.

WESTON

FIGURE 2
SITE LOCATION MAP

6601 LEGEND LN
CITY OF SAN ANTONIO

DATE	PROJECT NO.	SCALE
June 2024	10412.031.001.0005	AS SHOWN

C:\Users\hernandd\OneDrive - Weston Solutions, Inc\DaveH\SAWS\10412-031-001-0005 SAWS Resiliency\EAPP-FIGURES\B-SURVEY_WALDEN HTS PS.dwg, 6/12/2024 11:02:08 AM, HERNANDD

ATTACHMENT C

PROJECT NARRATIVE

PROJECT DESCRIPTION

AREA OF THE SITE

The project will consist of the construction of a new concrete generator pad, new electrical wiring and controls, and a diesel-powered generator. The Forest Crest pump station is on a 2.27 acre property with the project site encompassing approximately 0.0557 acres and is located at 6601 Legend Ln in San Antonio, Texas (The Site). The Site remains fairly level. The site is currently used as a public utility site conveying waste to the surrounding properties.

OFFSITE AREAS

The Walden Heights pump station is located in a residential area off of Legend Lane in San Antonio, Texas (Lat: 29.616020°; Long: -98.617718°). A geological assessment was performed as part of this CZ application (included in the geological assessment section) showed that there are no environmentally sensitive features within a 50 ft buffer of the proposed construction limits.

IMPERVIOUS COVER

The project scope involves installation of approximately 0.00751 acres of impervious cover.

TEMPORARY AND PERMANENT BMPs

Temporary BMPs are designed with respect to local and state regulations to ensure construction does not contaminate the nearby residential and public properties. Any defects will be repaired within one year of discovery. Due to the small size of the project site, Permanent BMPs will not be necessary after construction has concluded.

PROPOSED SITE USE

Once construction has been completed, the site will be utilized as a fully operating pump station. It will be the responsibility of the Owner to operate and maintain the system beyond the one-year warranty time frame.

SITE HISTORY

The Site had previously been used as a pump station site.

PREVIOUS DEVELOPMENT

The site was previously developed to contain a Pump Station over an approximately 0.130 acre area.

AREA(S) TO BE DEMOLISHED

The project does not involve demolishing pre-existing structures.

ATTACHMENT D

FACTORS AFFECTING WATER QUALITY

FACTORS AFFECTING SURFACE WATER QUALITY

Potential sources of sediment to stormwater runoff:

Surface runoff of dirt, tracking of mud, construction debris, and wind-blown dust will be controlled through the use of temporary erosion control practices.

Potential pollutants and sources, other than sediment, to stormwater runoff:

Temporary potential sources of contamination include:

1. Equipment and Fuel Oil
2. Concrete
3. Asphalt pavement products

Pollution Control procedures and devices:

Pollution Control procedures include the following:

- Erosion and sedimentation controls will be installed and maintained during the project according to the Erosion and Sedimentation Control Plan. Temporary erosion controls will be provided by silt fence and mulch sock inlet protection filters. Silt fence will be deployed at all locations of potential discharge around the perimeter of the site. Silt fence prevents the escape of sediment from the site by discharging water through a filter fabric, trapping sediment.
- After construction has concluded, there will be no factors that will affect the surface water or groundwater quality based on the land use.
- Accidental spill from hazard materials such as fuel and hydrocarbons shall be contained per the Spill Response Plan included in Attachment A of the Temporary Stormwater Section.

ATTACHMENT E

VOLUME AND CHARACTER OF STORMWATER

VOLUME AND CHARACTERISTICS OF STORMWATER

Volume and Characteristics of Stormwater

All stormwater flowing from the impervious surfaces in the proposed development will discharge into adjacent storm channels. Due to the small surface area of the site and the land use after construction, the stormwater runoff will be of minimal volume. The treatment of the stormwater runoff will not be required since there will be no contamination of the stormwater. Additionally, there will be no upgradient stormwater that will flow through the developed site to impact the volume and characteristics of the stormwater runoff.

ATTACHMENT F

SUITABILITY LETTER FROM AUTHORIZED AGENT (NOT APPLICABLE)

ATTACHMENT G

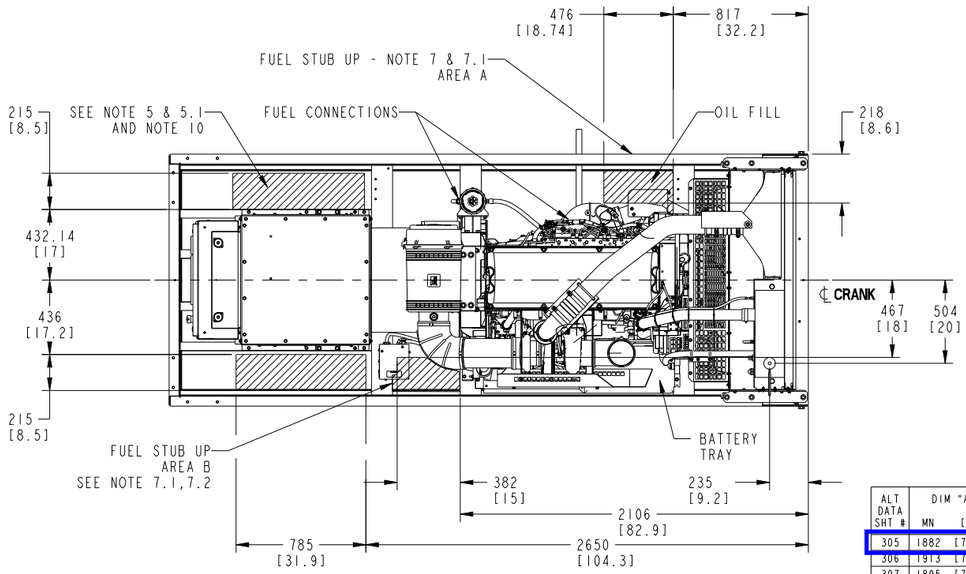
ALTERNATIVE SECONDARY CONTAINMENT METHODS

ALTERNATIVE SECONDARY CONTAINMENT METHODS

The secondary containment method to be used will be a double-walled steel tank. In the event of a spill or overflow, the fuel would be contained by the second tank wall. Additionally, in the event of a leak from the primary tank, the fuel will be contained by the secondary tank wall.

ATTACHMENT H

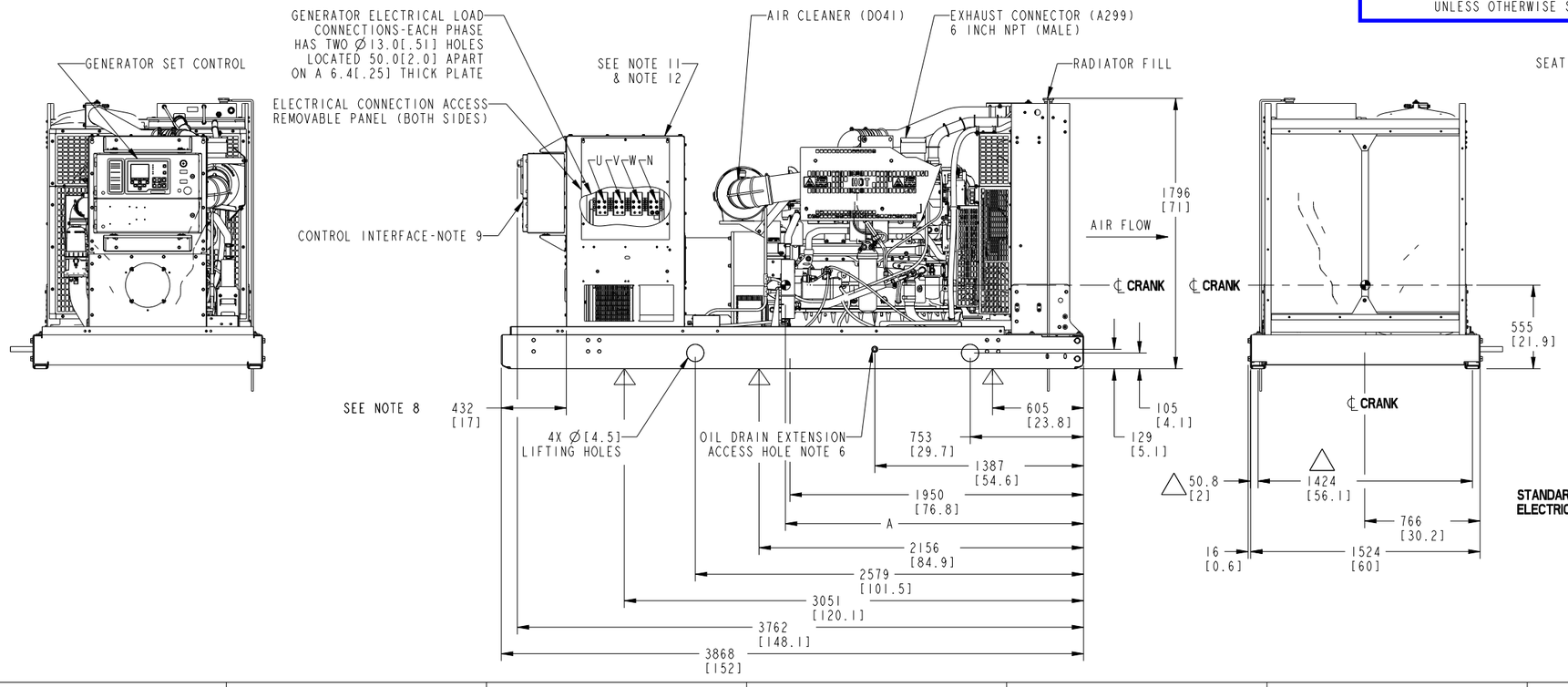
AST CONTAINMENT STRUCTURE DRAWINGS



ALT DATA SHT #	DIM "A" MN	[IN]	GEN SET WET WEIGHT KG	[LB]
305	1882	[74.1]	4132	[9105]
306	1913	[75.3]	4262	[9385]
307	1895	[74.6]	4132	[9105]
308	1981	[78.0]	4542	[10005]

NOTES:

1. DIMENSIONS SHOWN IN [ ] ARE IN INCHES.
2. Ø21 [.83] HOLES MARKED BY △ ARE FOR 6 POINT ISOLATION MOUNTING OR SECURING TO MOUNTING SUFACE.
3. GENSET SUPPLIED WITH FLEXIBLE FUEL LINES THAT CAN BE CONNECTED TO GENERATOR SET INTERFACE POINTS.
   3.1. FUEL SUPPLY LINE: 1700 [67] LONG WITH 1/2-14 NPT (MALE) TERMINATION.
   FUEL RETURN LINE: 1500 [59] LONG WITH 1/2-14 NPT (MALE) TERMINATION.
4. TABULATED WEIGHT AND CG IS FOR GENERATOR SET WITH NO OPTIONS.
5. REFER TO CIRCUIT BREAKER OUTLINE DRAWING FOR ELECTRICAL STUB-UP AREA FOR SPECIFIC BREAKERS.
   5.1. REFER TO SUBBASE FUEL TANK OUTLINE DRAWING FOR ELECTRICAL STUB-UP AREA AVAILABLE WITH FUEL TANKS.
6. OIL DRAIN ACCESS HOLE LOCATED ON FARSIDE WHEN GENSET IS NOT EQUIPPED WITH IN-SKID FUEL TANK.
7. FUEL STUB-UP AREA "A" IS NOT AVAILABLE WITH IN-SKID TANK.
   7.1. FUEL STUB-UP AREAS SHOWN ARE NOT AVAILABLE WITH SUBBASE FUEL TANK REFER TO SUBBASE FUEL TANK OUTLINE FOR AVAILABLE STUB-UP AREAS.
   7.2. FUEL STUB-UP AREA "B" IS AVAILABLE FOR IN-SKID TNK.
8. DIMENSION IS (3) AS INDICATED ON CIRCUIT BREAKER OUTLINE DRAWING (A052W386).
9. CONTROL INTERFACE CONNECTIONS SHOULD BE MADE WITH FLEXIBLE CONNECTIONS. NOT RIGID CONDUIT.
10. FOR ENTRANCE BOX APPLICATIONS SEE APPLICABLE ENTRANCE BOX OUTLINE DRAWING.
11. OPTIONAL ENTRANCE BOX (NOT SHOWN) WILL BE MOUNTED ON THE RIGHT SIDE AS VIEWED FROM THE CONTROL.
12. OPTIONAL BREAKER BOX (NOT SHOWN) WILL BE MOUNTED ON THE LEFT SIDE AS VIEWED FROM THE CONTROL UNLESS OTHERWISE SPECIFIED.

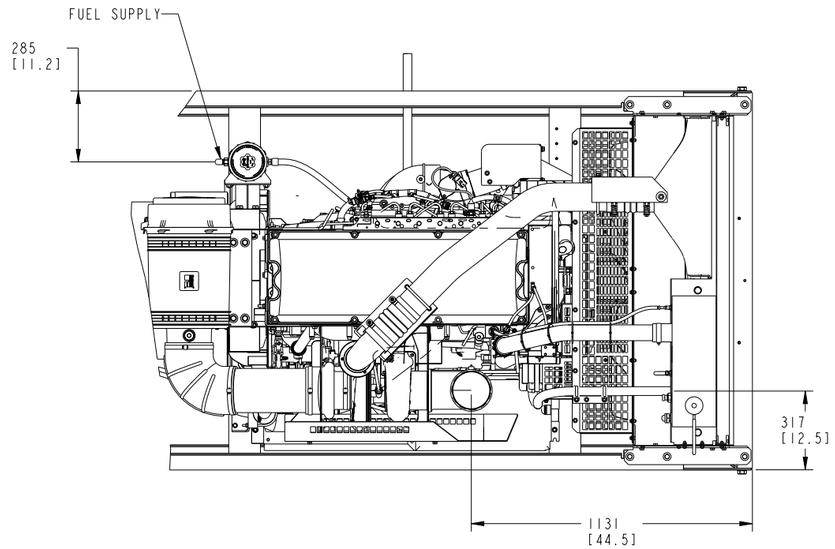


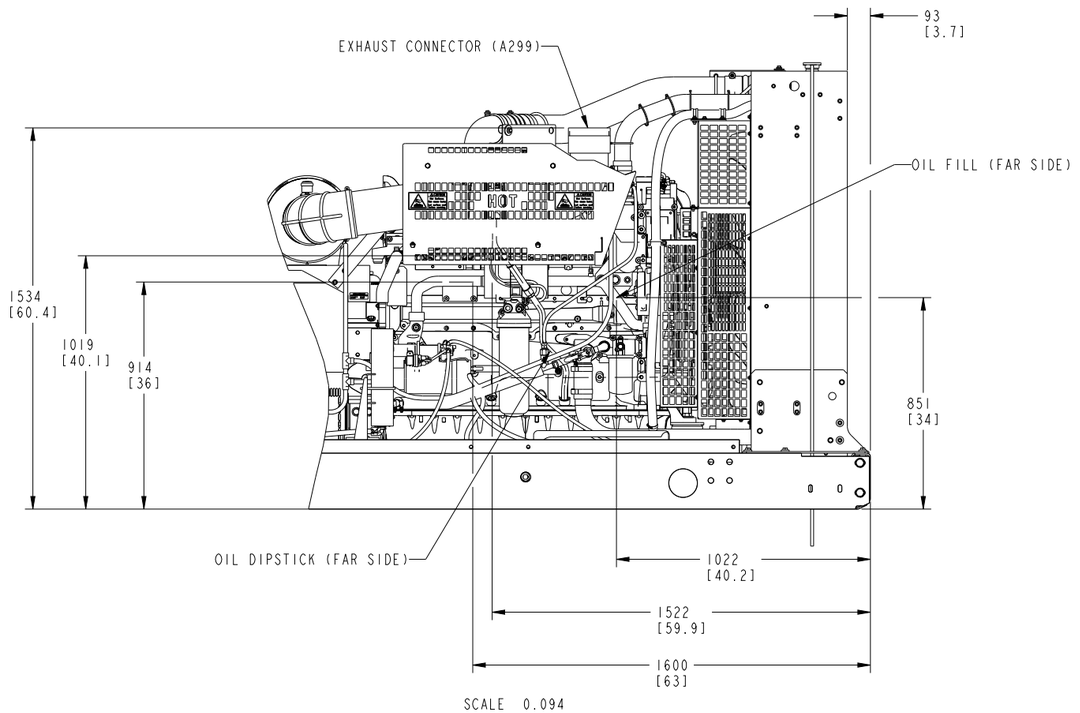
STANDARD SKID BASE SHOWN WITH NO ELECTRICAL OUTPUT BOX

MODEL/PLATFORM: OSX15-RP	THIS PART IS SIMILAR TO:
UNLESS OTHERWISE SPECIFIED THE FOLLOWING SHALL APPLY	ANG. TOL.: ± 1°
DIMENSIONAL TOLERANCES: X ± 1 .X ± 0.8 .XX ± 0.38	
Cummins Inc.	
DIMENSIONS ARE IN: MILLIMETERS [ ] ARE IN: -	SIZE: D SCALE:0.063
DIMENSIONING AND TOLERANCING PER: ASME Y14.5-2009	THIRD ANGLE PROJECTION
	CAD SYSTEM PTC® Creo® Parametric

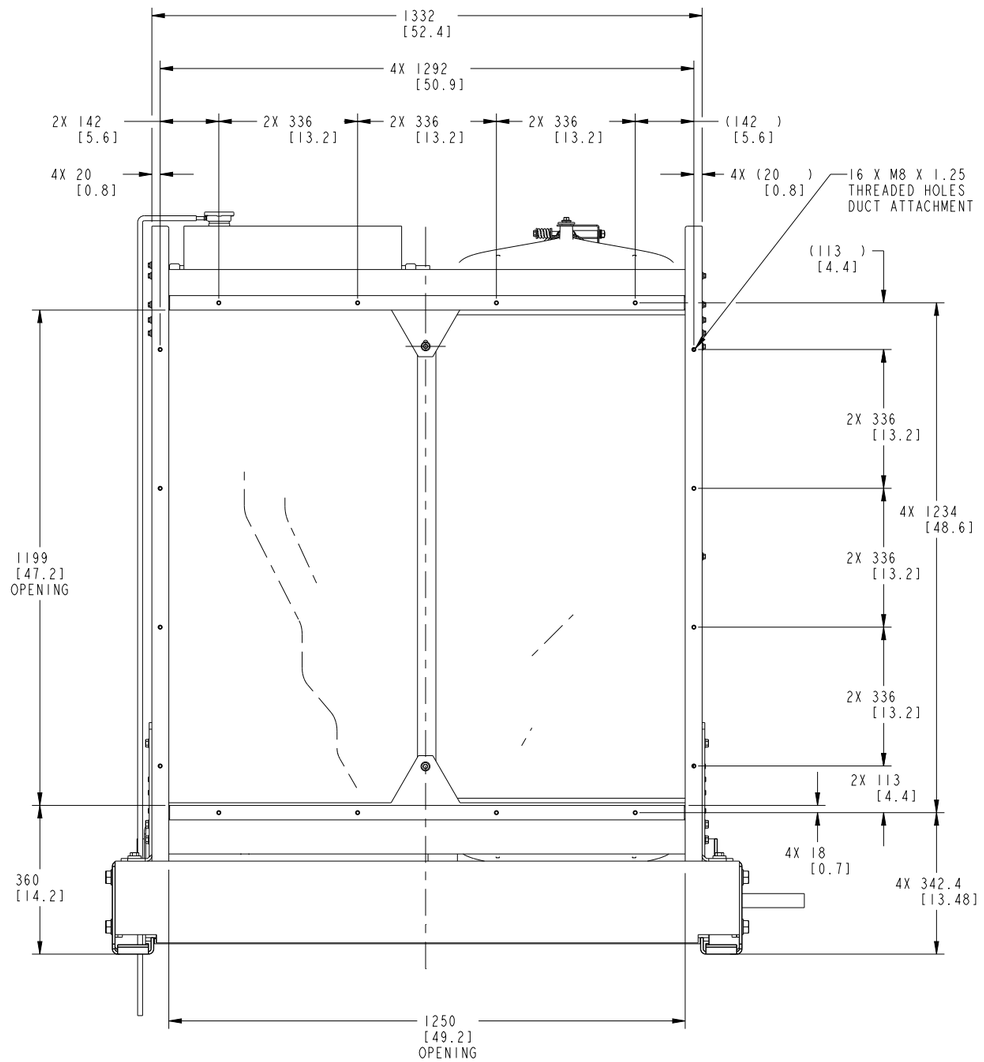
Document Generated: **22OCT2019 16:27 GMT**

Part Number: **A063J084** Part Revision: **B**
Part Name: **OUTLINE,GENSET**
Drawing Category: **Outline** State: **Released**





SCALE 0.094



MOUNTING DIMENSIONS FOR DUCT ADAPTER

SCALE 0.156

Cummins Inc.		
DIMENSIONS ARE IN: MILLIMETERS [ ] ARE IN: -	SIZE: D	SCALE:0.063
DIMENSIONING AND TOLERANCING PER: ASME Y14.5-2009	THIRD ANGLE PROJECTION	CAD SYSTEM PTC® Creo® Parametric

Document Generated: **22OCT2019 16:27 GMT**

Part Number: **A063J084** Part Revision: **B**

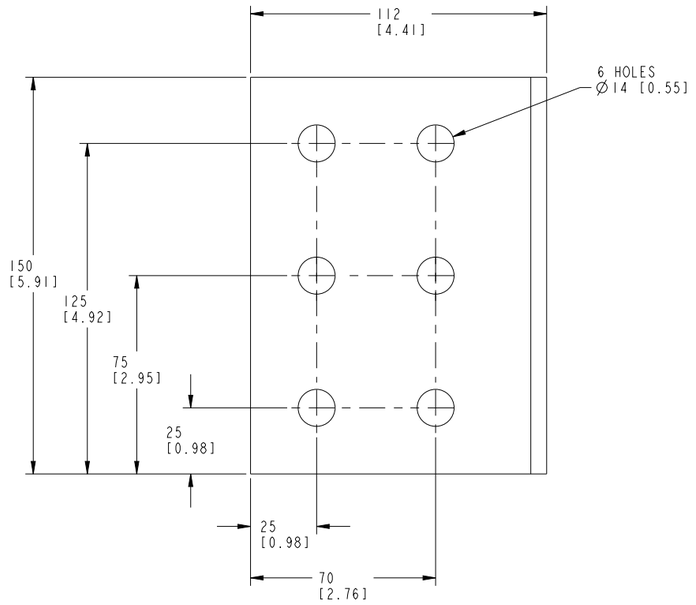
Part Name: **OUTLINE,GENSET**

Drawing Category: **Outline** State: **Released**

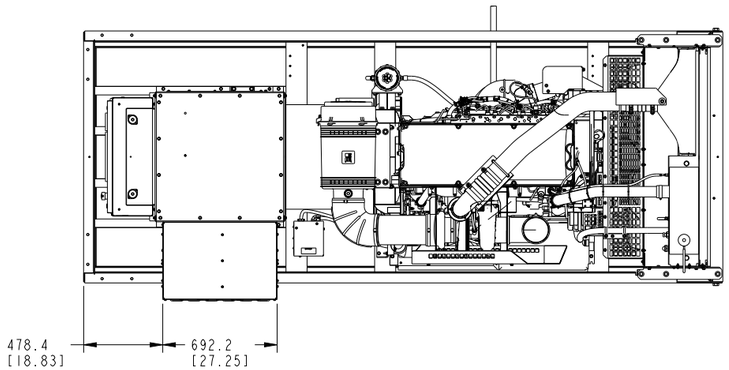
NOTES:

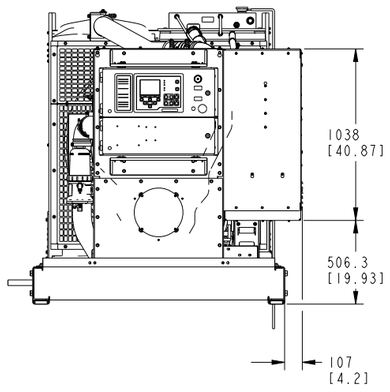
1. TERMINALS WILL ACCOMMODATE STANDARD NEMA AND IEC 2-HOLE LUGS.
2. TERMINALS WILL ACCOMMODATE UP TO 6-500 MCM LUGS.

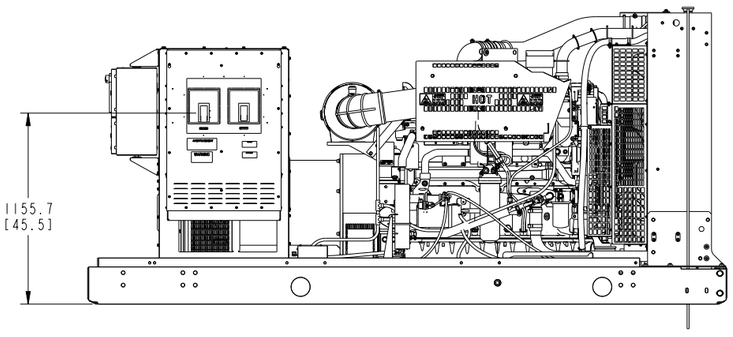
GENERATOR OUTPUT TERMINALS
(FOR ALL HC5 ALTERNATORS)



Cummins Inc.			
DIMENSIONS ARE IN: MILLIMETERS [ ] ARE IN: -	SIZE: D	SCALE:0.063	
DIMENSIONING AND TOLERANCING PER: ASME Y14.5-2009	THIRD ANGLE PROJECTION		CAD SYSTEM PTC® Creo® Parametric







STANDARD SKID BASE SHOWN WITH
100% RATED CIRCUIT BREAKER BOX

Cummins Inc.		
DIMENSIONS ARE IN: MILLIMETERS [ ] ARE IN: -	SIZE: D	SCALE:0.063
DIMENSIONING AND TOLERANCING PER: ASME Y14.5-2009	THIRD ANGLE PROJECTION	CAD SYSTEM PTC® Creo® Parametric

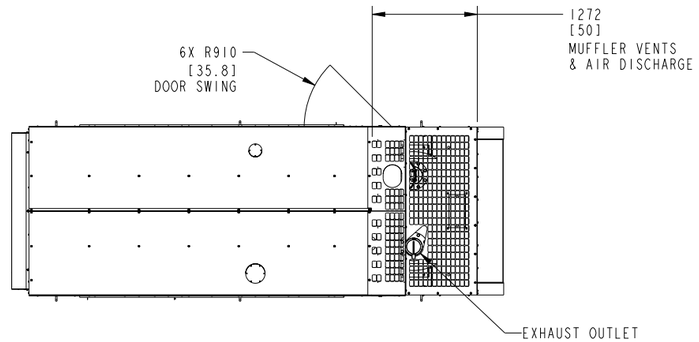
Document Generated: **22OCT2019 16:27 GMT**

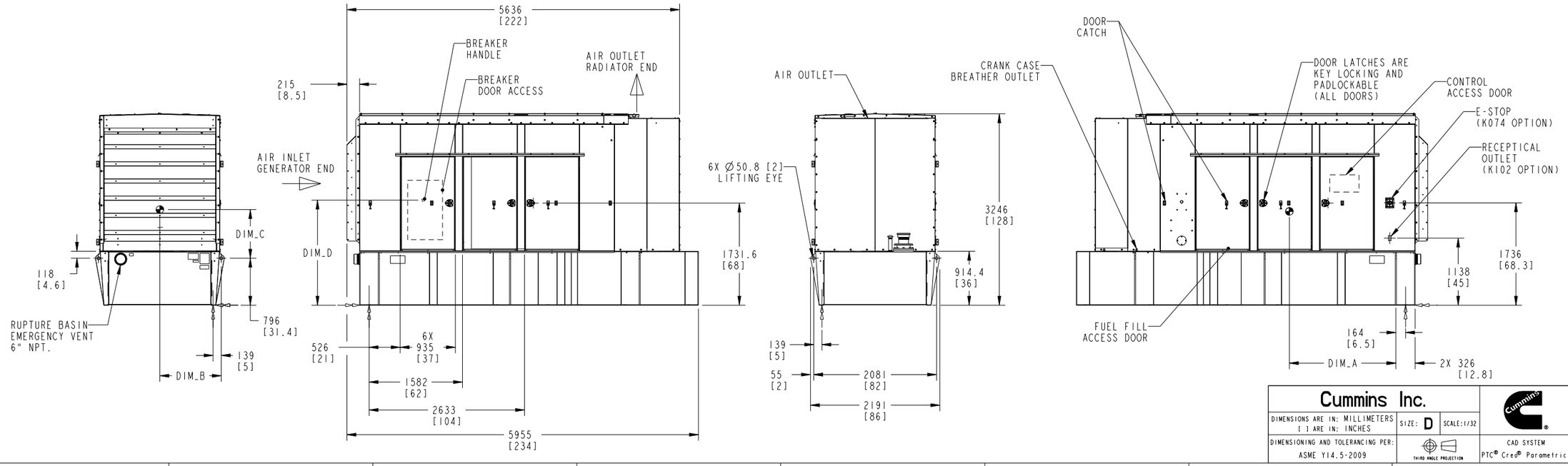
Part Number: **A063J084** Part Revision: **B**
Part Name: **OUTLINE,GENSET**
Drawing Category: **Outline** State: **Released**

TABULATION		
TANK/LIFT BASE FEATURE CODE	TANK CAPACITY	TANK WEIGHT DRY KG (LBS)
C209	1700	2022 (4458)

TABULATION							
MODEL	KW	CG_DIM "A"	CG_DIM "B"	CG_DIM "C"	STEEL ENCLOSURE WEIGHT KG (LBS) ±5%	ALUMINUM ENCLOSURE WEIGHT KG (LBS) ±5%	DIM "D"
DFEJ	450	2118 [83.4]	1041 [41]	681 [26.8]	8413 (18548)	7923 (17458)	2235 [88]
DFEK	500	2093 [82.4]			8549 (18848)	8059 (17758)	
DQHAB	300	2144 [84.4]		714 [28.1]	6606 (14563)	6116 (13473)	2057 [81]
***WEIGHT & CG'S ARE SHOWN WITH 1700 GALLON FUEL TANK, ENCLOSURE, AND STANDARD WET GENSET. ADDITION OF OTHER FEATURES MAY CHANGE THE WEIGHT.							

OPTIONAL FEATURE
F202,F205





NOTES:

1. (NOTE REMOVED)
2. FOUNDATION REFERENCE POINT (⊶). SEE FOUNDATION DRAWING FOR DETAILS.
3. FOR FEATURE CODE L116 (FLORIDA TANKS) ADD 162MM [6.4"] TO DIMS FROM BOTTOM OF TANK
4. SEE SHEET 2 FOR TANK VENT LOCATIONS.
5. EXCESSIVE TWISTING OF THE FUEL TANK, WHEN FASTENING IT TO A FOUNDATION, MAY RESULT IN STRUCTURAL FAILURE OF THE TANK. TO INSURE THE INSTALLATION DOES NOT EXCESSIVELY TWIST THE FUEL TANK, THE FOLLOWING PROCEDURE MUST BE OBSERVED:

   5.1 REFER TO CUMMINS APPLICATION MANUAL T030 FOR GENERAL GENSET/TANK MOUNTING GUIDELINES.

   5.2 TIGHTEN TANK HOLD DOWN MOUNTING FASTENERS.

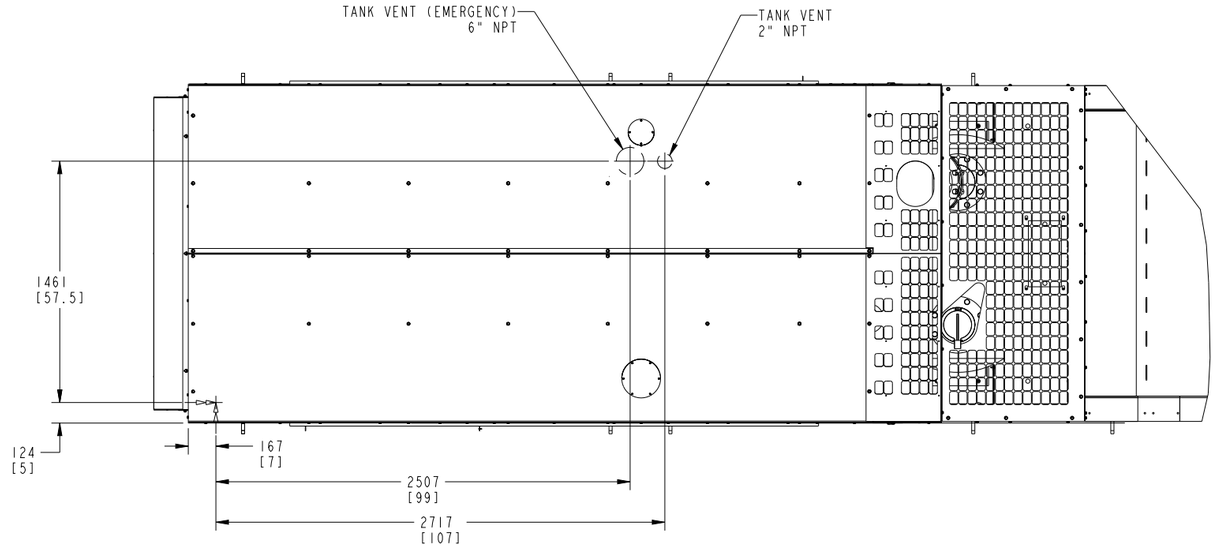
△6 ALL DIMENSIONS NOT SHOWN ARE IDENTICAL TO THOSE SHOWN ON SHEET 1.

△7 THE ENCLOSURE IS ENGINEERED TO MAINTAIN IT'S INTEGRITY WITH A 150 MPH WIND LOAD CONDITION.

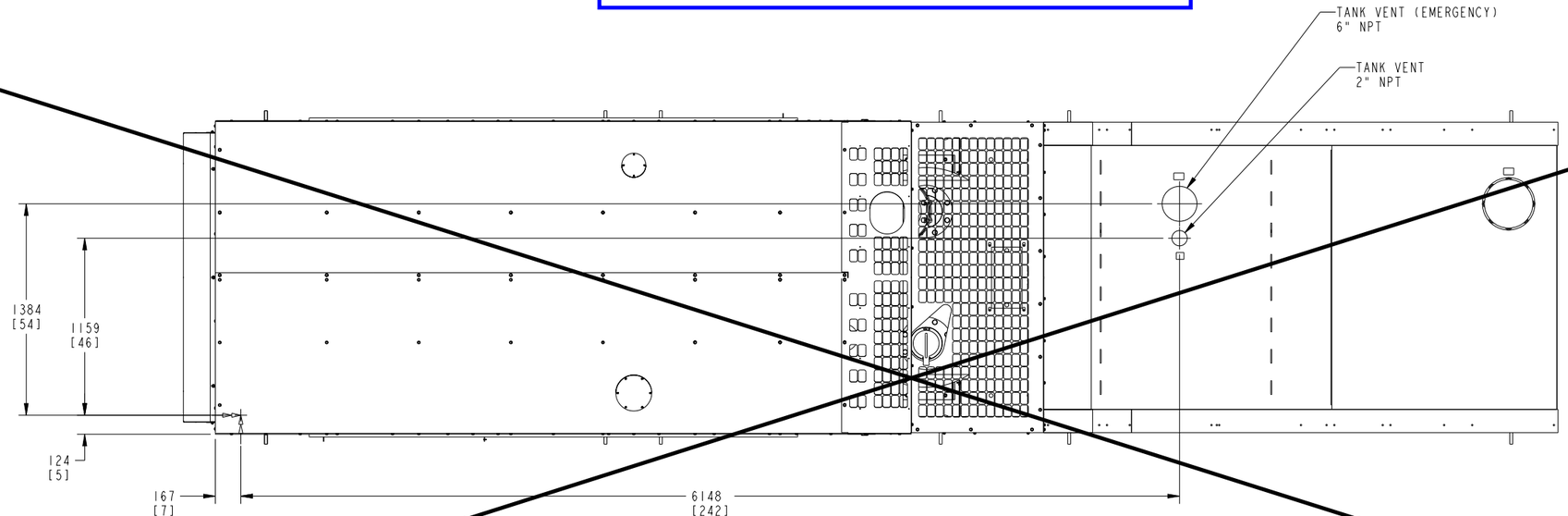
Cummins Inc.		
DIMENSIONS ARE IN: MILLIMETERS [ ] ARE IN: INCHES	SIZE: D	SCALE: 1/32
DIMENSIONING AND TOLERANCING PER: ASME Y14.5-2009	THIRD ANGLE PROJECTION	CAD SYSTEM PTC® Creo® Parametric

Document Generated: **29OCT2019 15:31 GMT**

Part Number: **A050L372** Part Revision: **C**
Part Name: **OUTLINE,ENCLOSURE**
Drawing Category: **Outline** State: **Released**



VIEW WITH 1700 GALLON FUEL TANK



VIEW WITH 2525 GALLON FUEL TANK

Cummins Inc.		
DIMENSIONS ARE IN: MILLIMETERS [ ] ARE IN: -	SIZE: D	SCALE: 1/16
DIMENSIONING AND TOLERANCING PER: ASME Y14.5-2009	THIRD ANGLE PROJECTION	CAD SYSTEM PTC® Creo® Parametric

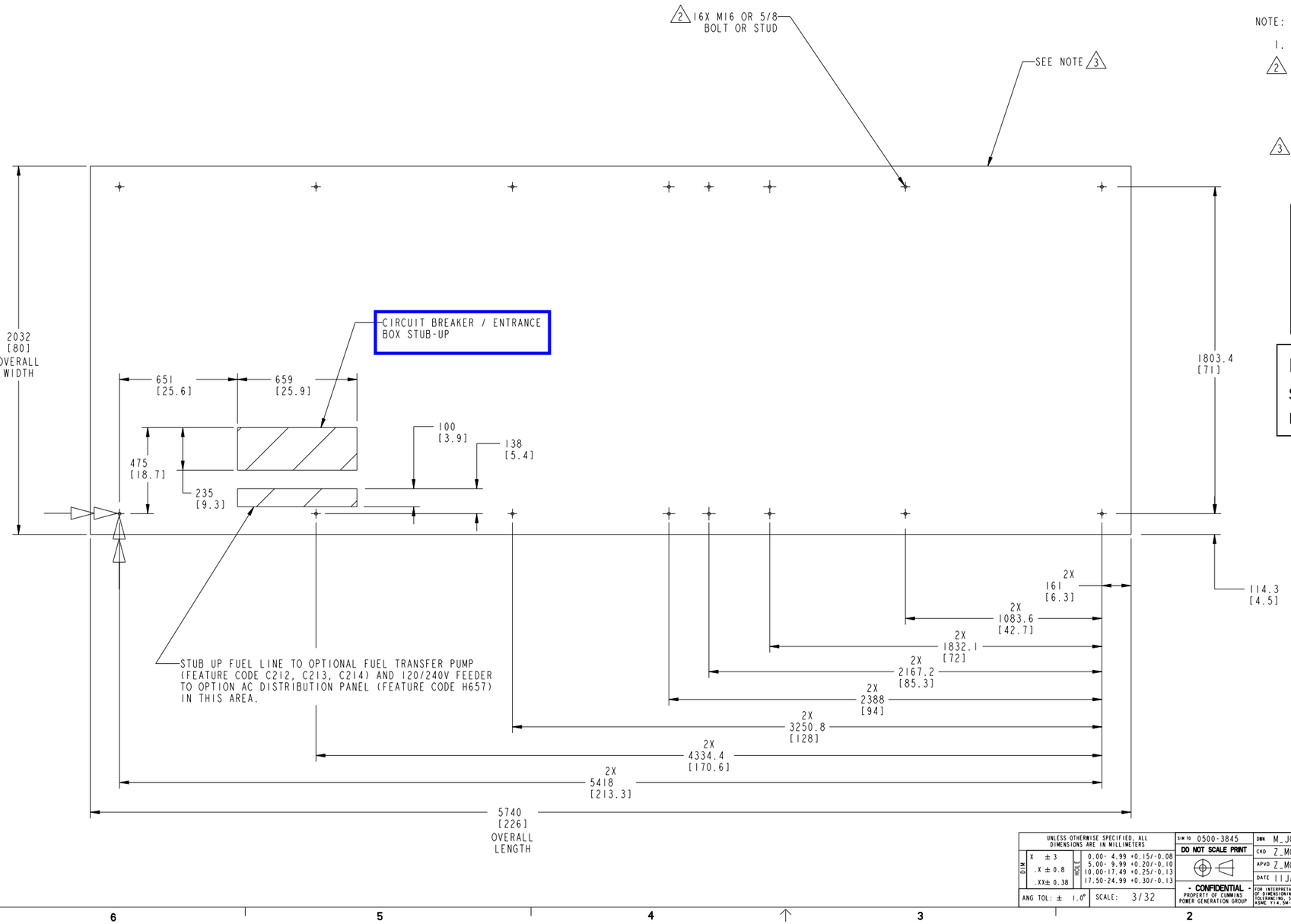
Document Generated: **29OCT2019 15:31 GMT**

Part Number: **A050L372** Part Revision: **C**
Part Name: **OUTLINE,ENCLOSURE**
Drawing Category: **Outline** State: **Released**

Pro/ENGINEER

REL NO	LTR	NO	REVISION	DRN	CKD	APVD	DATE
ECO-114210	A	1	PRODUCTION_RELEASE	MRJ	ZYM	Z_MOGES	11JAN11

DFEG, DFEH, DFEJ, DFEK
DQHAA, DQHAB
(C209)



NOTE:

1. DIMENSIONS IN [ ] ARE IN INCHES.

2 SKID-BASE (LIFTING) AND FUEL TANK HAVE A FLANGE THICKNESS OF 4.76mm [.19 INCHES], (FLORIDA UNITS WITH FEATURE CODE L116) 8.76mm [.35 INCHES].) ALLOW EXTRA LENGTH ON HARDWARE FOR UNEVENESS OF MOUNTING SURFACE.

3 LIFTING BASE OR FUEL TANK PARIMETER IS SHOWN. FOUNDATION SHOULD BE EXTENDED BEYOND THIS PERIMETER. SEE (T030) APPLICATION MANUAL.

PLEASE NOTE:
This is NOT a pad drawing. Please add at least 1 foot to overall length & width of generator when determining pad layout.

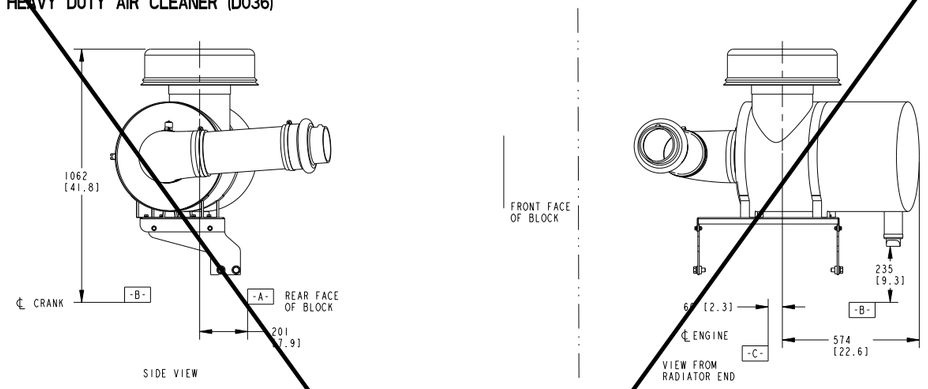
NOTE: ONLY THIS DRAWING SHALL BE USED FOR STUB UP DIMENSIONAL INFORMATION

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS	SIM TO 0500-3845	DRN M_JOHNSON	CUMMINS POWER GENERATION
DIM: X ±3, .X ±0.8, .XX± 0.38 — HOLE: 0.00- 4.99 +0.15/-0.08; 5.00- 9.99 +0.20/-0.10; 10.00-17.49 +0.25/-0.13; 17.50-24.99 +0.30/-0.13	DO NOT SCALE PRINT	CKD Z_MOGES	OUTLINE,GENSET (FOUNDATION)
ANG TOL: ± 1.0° — SCALE: 3/32	- CONFIDENTIAL - PROPERTY OF CUMMINS POWER GENERATION GROUP	APVD Z_MOGES	SITE CODE: PGA
	FOR INTERPRETATION OF DIMENSIONING AND TOLERANCING, SEE ASME Y14.5M-1994	DATE 11JAN11	DWG SIZE D: A035F951 — SHEET 1 OF 2 — DWG REV A
	FIRST USED ON DFEG-EK		

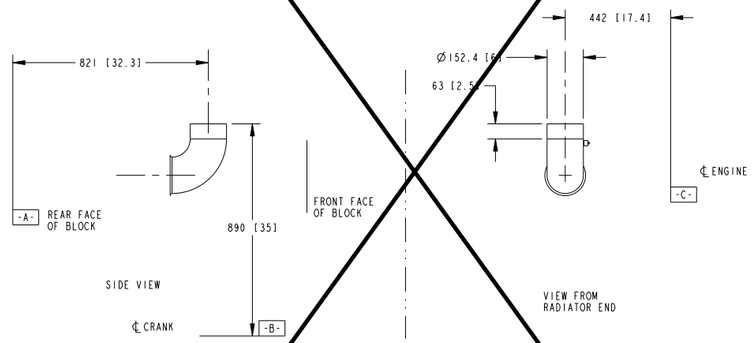
PTC® Creo® Parametric

REL NO	LTR	NO	REVISION	DRN	CKD	APVD	DATE
ECO-152559	A	1	PRODUCTION_RELEASE	MLL	JCB	J_BRODY	19MAY15

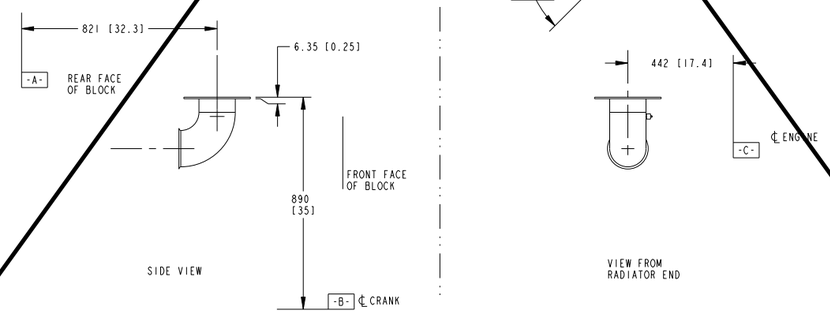
HEAVY DUTY AIR CLEANER (D036)



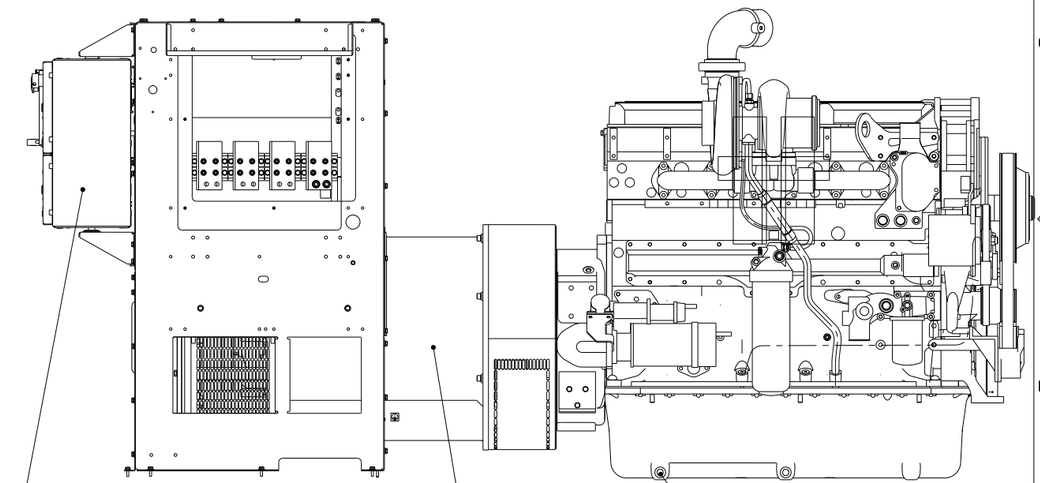
EXHAUST CONNECTOR - SLIP ON (A298)



EXHAUST CONNECTOR - ASA FLANGE (A335)



HEATERS



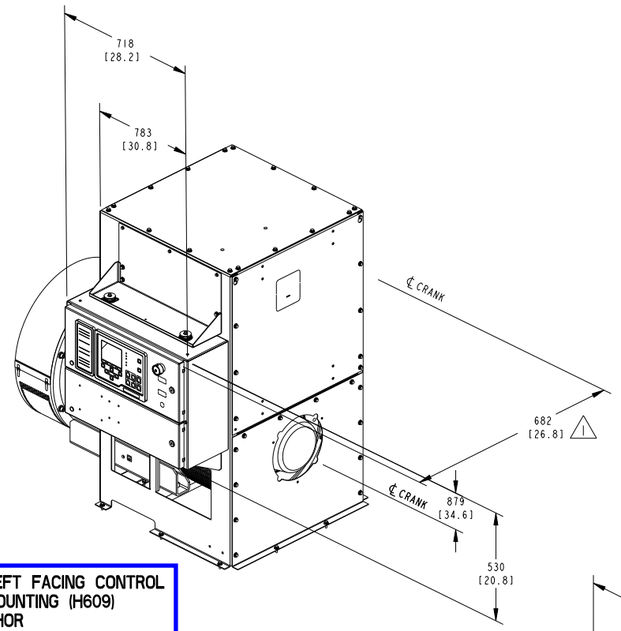
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS
DIM: X ± 1 | .X ± 0.8 | .XX ± 0.38
HOLE: 0.00- 4.99 +0.15/-0.08 | 5.00- 9.99 +0.20/-0.10 | 10.00-17.49 +0.25/-0.13 | 17.50-24.99 +0.30/-0.13
ANG TOL: ± 1.0°
SCALE: 3/32
SIM TO A041F617
DO NOT SCALE PRINT
- CONFIDENTIAL - PROPERTY OF CUMMINS POWER GENERATION GROUP
DRN M_LEHR
CKD J_BRODY
APVD J_BRODY
DATE 19MAY15
FOR INTERPRETATION OF DIMENSIONING AND TOLERANCING, SEE ASME Y14.5M-1994
FIRST USED ON DFEJ,DFEK
SITE CODE PGF
CUMMINS POWER GENERATION
OUTLINE,GENSET
DWG SIZE D
A052W391
SHEET 1 of 2
DWG REV A

Drawing Name: A052W392 Revision: A
Part Name: A052W391 Revision: A
Sheet 1 of 3

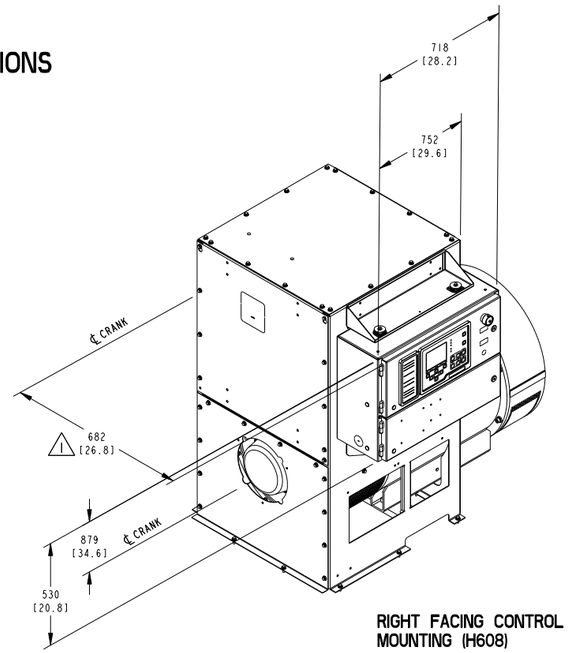
PTC® Creo® Parametric

REL NO	LTR	NO	REVISION	DRN	CKD	APVD	DATE
ECO-152559	A	1	PRODUCTION_RELEASE	MLL	JCB	J_BRODY	19MAY15

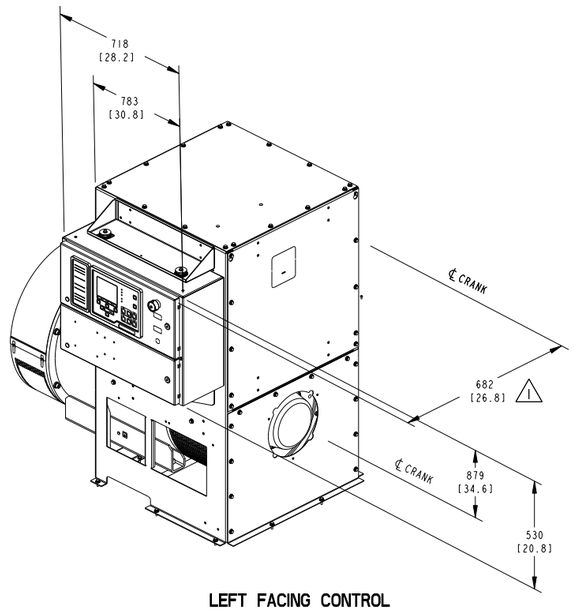
CONTROL BOX LOCATIONS



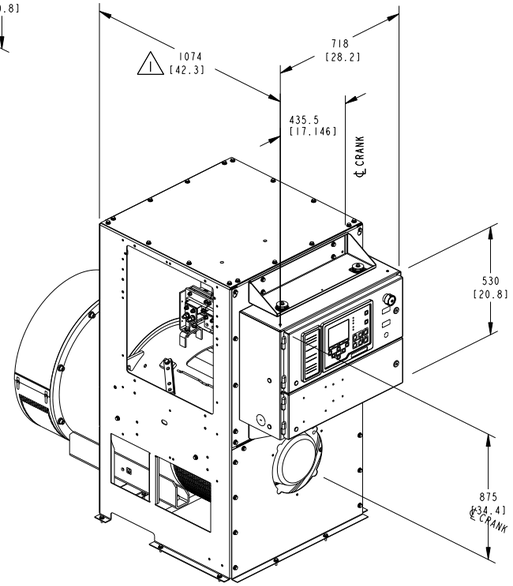
LEFT FACING CONTROL
MOUNTING (H609)
THOR



RIGHT FACING CONTROL
MOUNTING (H608)



LEFT FACING CONTROL
MOUNTING (H609)
NONTHOR



FRONT FACING CONTROL
MOUNTING (H679)

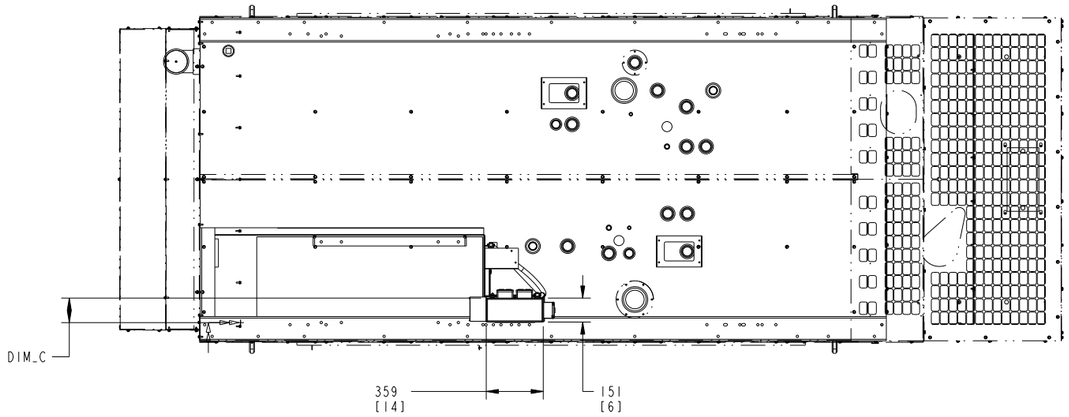
NOTE:
1. DIMENSION TO FACE OF CONTROL BOX. COMPONENTS ON FACE EXTEND 34.3 [1.35] BEYOND FACE.

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS	SIM TO A041F617	DRN M_LEHR		CUMMINS POWER GENERATION		
DIM: X ± 1, .X ± 0.8, .XX ± 0.38 — HOLE: 0.00-4.99 +0.15/-0.08, 5.00-9.99 +0.20/-0.10, 10.00-17.49 +0.25/-0.13, 17.50-24.99 +0.30/-0.13	DO NOT SCALE PRINT	CKD J_BRODY		OUTLINE,GENSET		
	- CONFIDENTIAL - PROPERTY OF CUMMINS POWER GENERATION GROUP	APVD J_BRODY				
ANG TOL: ± 1.0°	SCALE: 3/32	DATE 19MAY15	SITE CODE PGF	DWG SIZE D	A052W391	SHEET 2 of 2 — DWG REV A
		FOR INTERPRETATION OF DIMENSIONING AND TOLERANCING, SEE ASME Y14.5M-1994	FIRST USED ON DFEJ,DFEK			

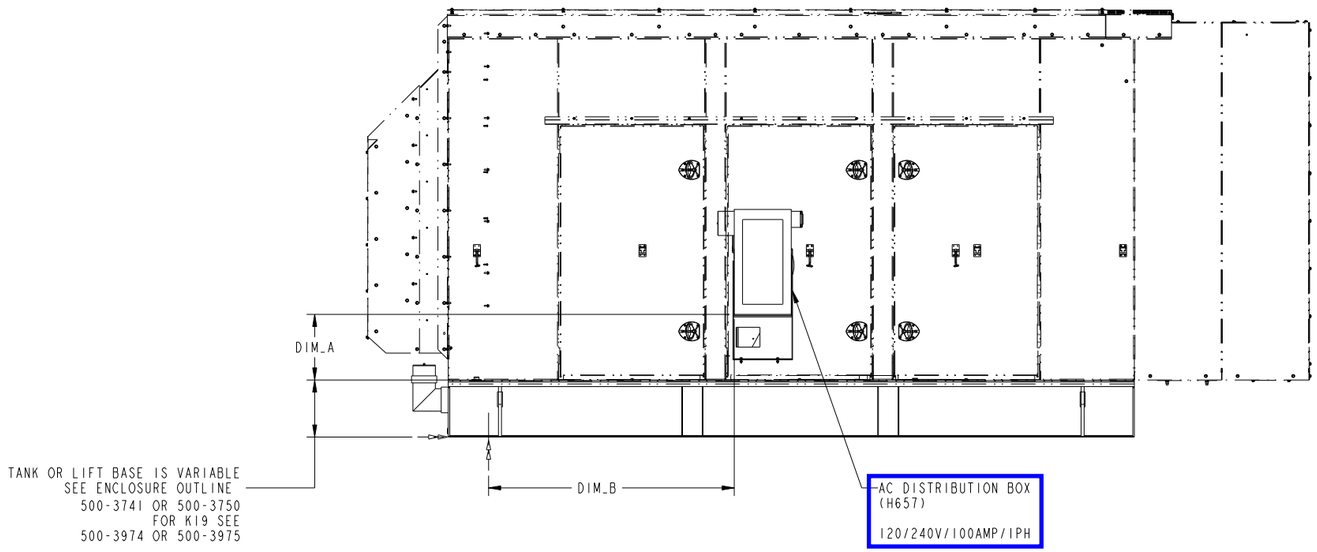
Drawing Name: A052W392 Revision: A
Part Name: A052W391 Revision: A
Sheet 2 of 3

Pro/ENGINEER

REL NO	LTR	NO	REVISION	DRN	CKD	APVD	DATE
ECO-131569	H	2	DRAWING HAS BEEN PICTORIALLY UPDATED	MP	GT	G.THARIVITLA	15JAN13
		3	ZONE (A3),(A4) RMV PHRASE "SQUARE ---"	-	-	-	-
			NOOD12L100CU"	MP	GT	G.THARIVITLA	15JAN13



DFEG,DFEH,DFEJ,DFEK CONFIGURATION SHOWN



AC DISTRIBUTION PANEL NOTES:

WARNING:

WHEN A FUEL TRANSFER PUMP IS INCLUDED WITH THE SET, THE AC DISTRIBUTION PANEL MUST BE FED FROM A TRANSFER SWITCH AND STEP-DOWN TRANSFORMER TO MAINTAIN 120V POWER TO THE PUMP WHEN UTILITY POWER IS INTERRUPTED. NONE OF THE OTHER AC DISTRIBUTION PANEL LOADS ARE NEEDED FOR THE SET TO OPERATE, SO THE PANEL COULD BE FED FROM A NON-EMERGENCY SOURCE IF NO PUMP IS INSTALLED.

ALL CONNECTIONS TO THE AC DISTRIBUTION PANEL ARE TO BE DONE IN COMPLIANCE WITH THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE LOCAL CODES AND STANDARDS USING 60 OR 75 DEGREE CONDUCTORS.

THE AC DISTRIBUTION PANEL IS DESIGNED TO BE FED WITH A 100AMP, 120/240, SINGLE PHASE FEEDER. THE TWO LINE CONDUCTORS CONNECT INTO THE 100AMP MAIN BREAKER. IT IS LISTED FOR #4 TO 2/0 CONDUCTORES, AL OR CU WHEN TORQED TO 50 IN-LB. THE NEUTRAL CONDUCTOR CONNECTS INTO THE NEUTRAL BUS. IT IS LISTED FOR #5 TO 300KCMIL CONDUCTORS, AL OR CU WHEN TORQUED TO 21 FT-LB. THE GROUNDING CONDUCTOR, IF USED CONNECTS INTO THE GROUND BAR. IT IS LISTED FOR #1 TO 2/0 CONDUCTORS, AL OR CU WHEN TORQUED TO 17FT-LB

REFER TO THE FOUNDATION LAYOUT DRAWING FOR THE LOCATION AVAILABLE FOR DISTRIBUTION PANEL STUB-UP.

FOUNDATION REFERENCE POINT (⟷).
SEE FOUNDATION DRAWING FOR DETAILS.

DIMENSIONS IN [ ] ARE INCHES.

TABULATION			
MODEL	DIM_A	DIM_B	DIM_C
DFAB,DFAC,DQAD,DQAE,DQAF	145 [5.7]	1525 [60.0]	181 [7.13]
DFBE,DFCB,DFCC,DFCE	15 [0.6]	1593 [62.7]	150 [5.90]
DFEG,DFEH,DFEJ,DFEK,DQHAA,DQHAB	416 [16.38]	1546 [60.87]	152 [6]
DFEB,DFEC,DFED	292 [11.5]	1674 [65.9]	206 [8.1]
DQDAA,DQDAB,DQDAC	149 [5.9]	1525 [60.0]	193 [7.6]

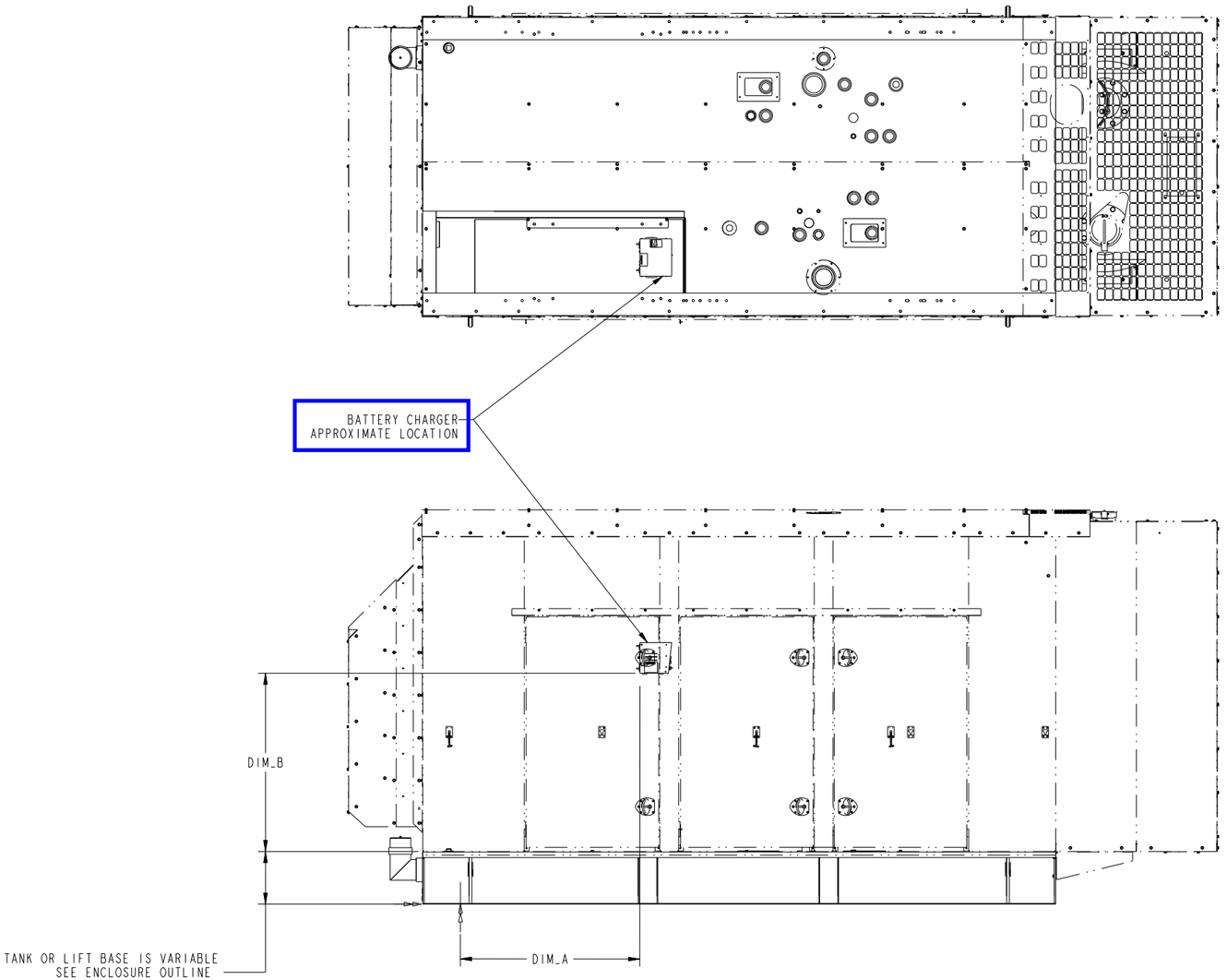
AC DISTRIBUTION BOX

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS
DIM: X ±1, .X ±0.5, .XX± 0.25
HOLE: 0.00- 4.99 +0.15/-0.08; 5.00- 9.99 +0.20/-0.10; 10.00-17.49 +0.25/-0.13; 17.50-24.99 +0.30/-0.13
ANG TOL: ± 0.5° SCALE: 1/16
SIM TO _ DO NOT SCALE PRINT
- CONFIDENTIAL - PROPERTY OF CUMMINS POWER GENERATION GROUP
DRN J_JOHNSON
CKD R_ENGELMANN
APVD R_ENGELMANN
DATE 03-28-03
FOR INTERPRETATION OF DIMENSIONING AND TOLERANCING, SEE ASME Y14.5M-1994
FIRST USED ON DFA-DFE
SITE CODE CPG
CUMMINS POWER GENERATION
GENSET_OUTLINE
(OPTIONS)
DWG SIZE D | 0500_3749 | SHEET 2 OF 3 | DWG REV H

Drawing Name: 0500-3749 Revision: H
Part Name: 0500-3749 Revision: H
Sheet 2 of 4

Pro/ENGINEER

REL NO	LTR	NO	REVISION	DRN	CKD	APVD	DATE
ECO-131569	H	-	---	MP	GT	G.THARIVITLA	15JAN13



BATTERY CHARGER NOTES:

BATTERY CHARGER OPTION REQUIRES 4AMPS 120V/60HZ ONLY.
IT COMES PRE-MOUNTED WITH ITS OUTPUT PRE-WIRED TO THE SET BATTERY. IF THE AC DISTRIBUTION PANEL (H657) IS ORDERED, THE CHARGER IS POWERED FROM IT. WHEN THE PANEL IS NOT ORDERED, THE CHARGER IS PROVIDED WITH A 6 FOOT CORD, WITH A STANDARD 5-15P 120V PLUG.

DIMENSIONS IN [ ] ARE INCHES.

FOUNDATION REFERENCE POINT (⊢○⊣).
SEE FOUNDATION DRAWING FOR DETAILS.

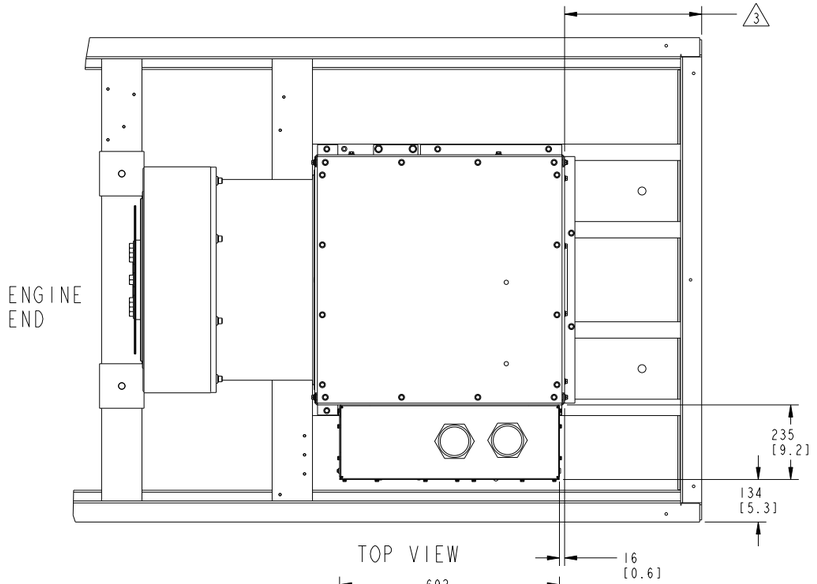
TABULATION		
MODEL	DIM_A	DIM_B
DFAB,DFAC,DQAD,DQAE,DQAF	1222 [48]	1234 [49]
DFBE,DFCB,DFCC,DFCE	1222 [48]	1234 [49]
DFEG,DFEH,DFEJ,DFEK,DQHAA,DQHAB	1222 [48]	1234 [49]
DFEB,DFEC,DFED	1116 [44]	1212 [48]
DQDAA,DQDAB,DQDAC	1222 [48]	1234 [49]

BATTERY CHARGER

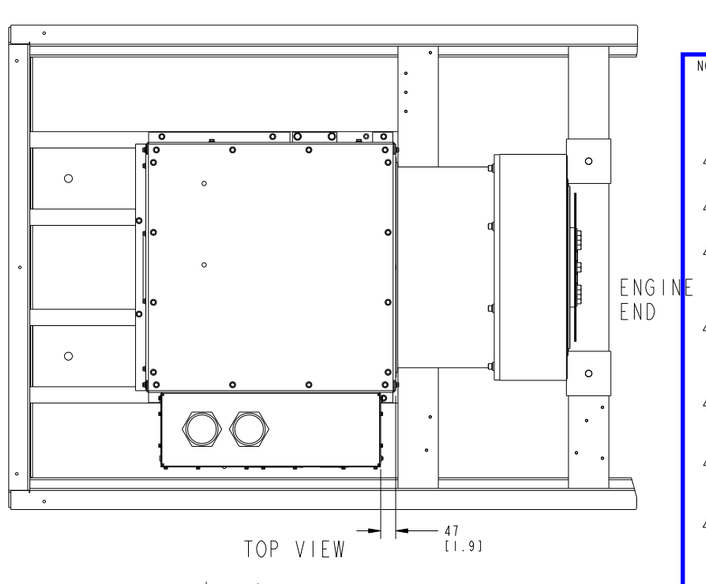
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS
DIM: X ±1, .X ±0.5, .XX± 0.25
HOLE: 0.00- 4.99 +0.15/-0.08; 5.00- 9.99 +0.20/-0.10; 10.00-17.49 +0.25/-0.13; 17.50-24.99 +0.30/-0.13
ANG TOL: ± 0.5° SCALE: 1/16
SW TO
DO NOT SCALE PRINT
- CONFIDENTIAL - PROPERTY OF CUMMINS POWER GENERATION GROUP
DRN J_JOHNSON
CKD R_ENGELMANN
APVD R_ENGELMANN
DATE 03-28-03
FOR INTERPRETATION OF DIMENSIONING AND TOLERANCING, SEE ASME Y14.5M-1994
FIRST USED ON DFA-DFE
SITE CODE CPG
CUMMINS POWER GENERATION
GENSET_OUTLINE
(OPTIONS)
DWG SIZE D 0500_3749 SHEET 3 of 3 DWG REV H

PTC® Creo® Parametric

REL NO	LTR	NO	REVISION	DRN	CKD	APVD	DATE
ECO-152559	A	1	PRODUCTION_RELEASE	MLL	JCB	J_BRODY	15MAY15



DFEJ/DFEK
CIRCUIT BREAKER BOX
(LEFT HAND CONFIGURATION)



DFEJ/DFEK
CIRCUIT BREAKER BOX
(RIGHT HAND CONFIGURATION)

NOTES:

1. ALL DIMENSIONS ARE FOR REFERENCE ONLY.
2. DIMENSIONS SHOWN IN [ ] ARE IN INCHES.
3. _____ DIMENSION IS GENERATOR FRAME SPECIFIC (REFER TO SET OUTLINE DRAWING).
4. TOP AND BOTTOM COVERS ARE ADJUSTABLE VERTICALLY PLUS OR MINUS .25" [6] TO EASE CONDUIT ATTACHMENT.
5. THESE WIRE-CONDUIT COMBINATIONS MEET NEC AND CEC. TO USE OTHER COMBINATIONS, REFER TO APPLICABLE CODES TO ENSURE THAT WIRE AMPACITY, BEND SPACE AND GUTTER SPACE MEET THE REQUIREMENTS.
6. "NS/NLG" SHUNT TRIP HAS NO INTERNAL CONTACTS, IT MUST BE USED IN CONJUNCTION WITH AUXILIARY CONTACTS TO ACCEPT CONTINUOUS APPLIED VOLTAGE. IT CAN OPERATE AT 75% OF NOMINAL VOLTAGE.
7. THE SHUNT TRIP CAN OPERATE AT 70% TO 100% OF NORMAL VOLTAGE AND WILL ACCEPT MOMENTARY OR CONTINUOUS APPLIED VOLTAGE
8. 800 AMP BREAKER:
   A LUG ACCEPTING (2) 3/0-600 kcmil CONDUCTORS IS AVAILABLE THRU ACCESSORIES. PGA PART NUMBER 0332-4278
9. 1200 AMP BREAKER:
   A LUG ACCEPTING (3) 3/0-600 kcmil CONDUCTORS IS AVAILABLE THRU ACCESSORIES. PGA PART NUMBER 0332-427
10. ON FLORIDA UNITS WITH TANKS (FEATURE CODE L116) ADD 106 [4.2] FOR RISER BEAMS THAT ARE REQUIRED ON THE UNDERSIDE OF THE TANK
11. BOX DIMENSIONS AND CONDUIT LOCATIONS ARE THE SAME FOR ENTRANCE BOX WITHOUT CONDUITS
12. EQUIPMENT GROUND & GROUNDING ELECTRODE LUG IS MECHANICAL TYPE,
    COPPER 400 MCM-6 AWG
    SCREW 11/16"-16 UN-2B
    5/16" HEX WRENCH
    RECOMMENDED TORQUES:
    250 MCM-1 AWG - 375 IN-LBS
    2-6 AWG - 275 IN-LBS
13. NEUTRAL LUG IS MECHANICAL TYPE,
    COPPER #2-600 MCM
    SCREW 15/16"-16 UN-2B
    3/8" HEX WRENCH
    RECOMMENDED TORQUES:
    600 MCM-4 AWG - 500 IN-LBS
14. TORQUE TO 9.8-11.9 Nm [7.2-8.8 FT-LBS]
    HARDWARE IS PROVIDED WITH BONDING JUMPER.
15. 250 MCM SYSTEM BONDING JUMPER SIZED PER NEC TABLE 250.122 USING COPPER CABLE FOR A MAXIMUM AMPACITY RATING OF 2000 AMPS.
16. CIRCUIT BREAKER LUGS - REFER TO RECOMMENDED TORQUE ON LABEL.
17. MINIMUM WIRE BENDING SPACE AT BREAKER TERMINALS CALCULATED PER NEC TABLE 312.6(B) USING 500 MCM CABLES (2 WIRES PER TERMINAL), MECHANICAL LUGS USED AS TERMINALS.

    NUMBER OF CONDUCTORS PER PHASE CALCULATED PER TABLE 310.16 USING COPPER CABLES RATED AT 75° C ON A MAXIMUM AMBIENT TEMP OF 40° C.
18. MINIMUM WIRE BENDING SPACE AT GROUND TERMINALS CALCULATED PER NEC TABLE 312.6(A) USING (3/0-14) CABLES (1 WIRE PER TERMINAL), MECHANICAL LUGS USED AS TERMINALS.

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS
DIM: X ± 1; .X ± 0.8; .XX± 0.38
HOLE: 0.00- 4.99 +0.15/-0.08; 5.00- 9.99 +0.20/-0.10; 10.00-17.49 +0.25/-0.13; 17.50-24.99 +0.30/-0.13
ANG TOL: ± 1.0° SCALE: 1/8
SIM TO A040J293
DO NOT SCALE PRINT
- CONFIDENTIAL - PROPERTY OF CUMMINS POWER GENERATION GROUP
DRN M_LEHR
CKD J_BRODY
APVD J_BRODY
DATE 15MAY15
FOR INTERPRETATION OF DIMENSIONS AND TOLERANCING, SEE ASME Y14.5M-1994
FIRST USED ON DFEJ,DFEK
SITE CODE PGF
CUMMINS POWER GENERATION
OUTLINE,CIRCUIT BREAKER
DWG SIZE D A052W386 SHEET 1 OF 3 DWG REV A

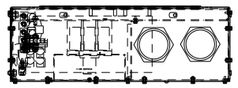
Drawing Name: A052W387 Revision: A
Part Name: A052W386 Revision: A
Sheet 1 of 4

PTC® Creo® Parametric

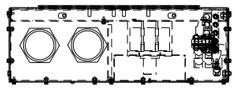
REL NO	LTR	NO	REVISION	DRN	CKD	APVD	DATE
ECO-152559	A	1	PRODUCTION_RELEASE	MLL	JCB	J_BRODY	15MAY15

RECOMMENDED LOCATIONS FOR ONE, TWO, THREE OR FOUR CONDUITS

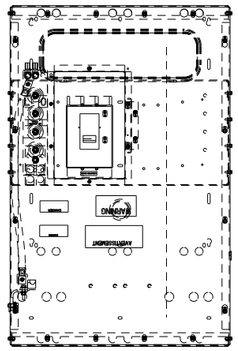
TOP ENTRANCE BOX



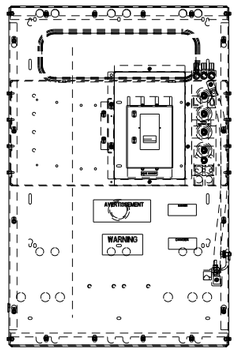
TWO CONDUITS



TWO CONDUITS

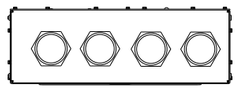


LEFT HAND

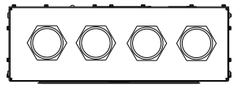


RIGHT HAND

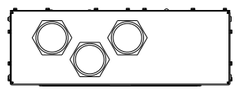
BOTTOM ENTRANCE BOX



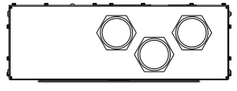
FOUR CONDUITS



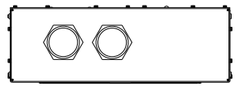
FOUR CONDUITS



THREE CONDUITS

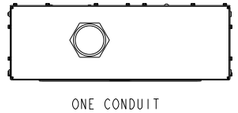


THREE CONDUITS

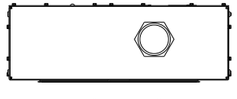


TWO CONDUITS

TWO CONDUITS



ONE CONDUIT



ONE CONDUIT

TYPICAL CONDUIT AND WIRE SIZE BASED ON NEC 2008, ARTICLE 310.15 AT 75°C TEMPURATURE RATED CONDUCTOR AT 40°C AMBIENT AND ANNEX C (LIQUID TIGHT FLEXIBLE METAL CONDUIT - LFCM) △5

MAX BRKR AMPS	WIRE (COPPER)		CONDUIT	
	QTY	SIZE	QTY	SIZE
1200	4	500 KCMIL	4	4"
800	3	350 KCMIL	3	3 1/2"
600	2	350 KCMIL	2	3 1/2"
500	2	300 KCMIL	2	3 1/2"
450	2	300 KCMIL	2	3 1/2"
400	1	600 KCMIL	1	4"
350	1	600 KCMIL	1	4"
300	1	500 KCMIL	1	4"

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS

DIM: X ± 1; .X ± 0.8; .XX± 0.38

HOLE: 0.00- 4.99 +0.15/-0.08; 5.00- 9.99 +0.20/-0.10; 10.00-17.49 +0.25/-0.13; 17.50-24.99 +0.30/-0.13

ANG TOL: ± 1.0° SCALE: 1/32

SIM TO A040J293

DO NOT SCALE PRINT

- CONFIDENTIAL - PROPERTY OF CUMMINS POWER GENERATION GROUP

DRN M_LEHR; CKD J_BRODY; APVD J_BRODY; DATE 15MAY15

FOR INTERPRETATION OF DIMENSIONING AND TOLERANCING, SEE ASME Y14.5M-1994

FIRST USED ON DFEJ,DFEK

SITE CODE PGF

CUMMINS POWER GENERATION

OUTLINE,CIRCUIT BREAKER

DWG SIZE D | A052W386 | SHEET 2 OF 3 | DWG REV A

Drawing Name: A052W387 Revision: A
Part Name: A052W386 Revision: A
Sheet 2 of 4

PTC® Creo® Parametric

REL NO	LTR	NO	REVISION	DRN	CKD	APVD	DATE
ECO-152559	A	1	PRODUCTION_RELEASE	MLL	JCB	J_BRODY	15MAY15

UL/IEC LUGS						ACCESSORY SPECIFICATIONS			
LUG	FRAME	MAX AMPS	WIRE RANGE COPPER	DIM_A	DIM_B	ACCESSORY DESCRIPTION	CONTACT RATING	INRUSH CURRENT	CONNECTION TYPE
	NSJ/NLG	400A 3-POLE	#2-600 KCMIL (NSJ/NLG)	533 [20.9]	132 [5.2]	24 VDC SHUNT TRIP	-	10A △6	COMPRESSION TERMINALS #20-16 AWG OR SMALLER TORQUE: 1.13 Nm [10 LB-IN]
		600A 3-POLE	2/0-350 KCMIL (NSJ) 2/0-500 KCMIL (NLG)			1 EA. FORM C 1 AUX CONTACT + 1 TRIP ALARM	6A AT 690 VAC 2.5A AT 48 VDC, 0.3A AT 250 VDC	-	
△8	P	800A 3-POLE	3/0-500 KCMIL	506 [20]	115 [4.5]	24 VDC SHUNT TRIP	-	200VA △7	COMPRESSION TERMINALS FOR 1 OR 2 #18-16 AWG. TORQUE: 1.13 Nm [10 LB-IN]
						1 EA. FORM C 4 AUX CONTACTS + 1 TRIP ALARM	6A AT 240 VAC, 6A AT 480 VAC, 3A AT 600 VAC, 2.5A AT 48 VDC, 0.8A AT 125 VDC, 0.3A AT 250 VDC	-	
△9	P	1200A 3-POLE	3/0-500 KCMIL	463 [18.2]	160 [6.3]	24 VDC SHUNT TRIP	-	200VA △7	COMPRESSION TERMINALS FOR 1 OR 2 #18-16 AWG. TORQUE: 1.13 Nm [10 LB-IN]
						1 EA. FORM C 4 AUX CONTACTS + 1 TRIP ALARM	6A AT 240 VAC, 6A AT 480 VAC, 3A AT 600 VAC, 2.5A AT 48 VDC, 0.8A AT 125 VDC, 0.3A AT 250 VDC	-	

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS

DIM: X ± 1; .X ± 0.8; .XX± 0.38

HOLE: 0.00- 4.99 +0.15/-0.08; 5.00- 9.99 +0.20/-0.10; 10.00-17.49 +0.25/-0.13; 17.50-24.99 +0.30/-0.13

ANG TOL: ± 1.0° SCALE: 1/32

SIM TO A040J293

DO NOT SCALE PRINT

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FOR INTERPRETATION OF DIMENSIONING AND TOLERANCING, SEE ASME Y14.5M-1994

FIRST USED ON DFEJ,DFEK

DRN M_LEHR

CKD J_BRODY

APVD J_BRODY

DATE 15MAY15

SITE CODE PGF

CUMMINS POWER GENERATION

OUTLINE,CIRCUIT BREAKER

DWG SIZE D | A052W386 | SHEET 3 of 3 | DWG REV A

Drawing Name: A052W387 Revision: A
Part Name: A052W386 Revision: A
Sheet 3 of 4

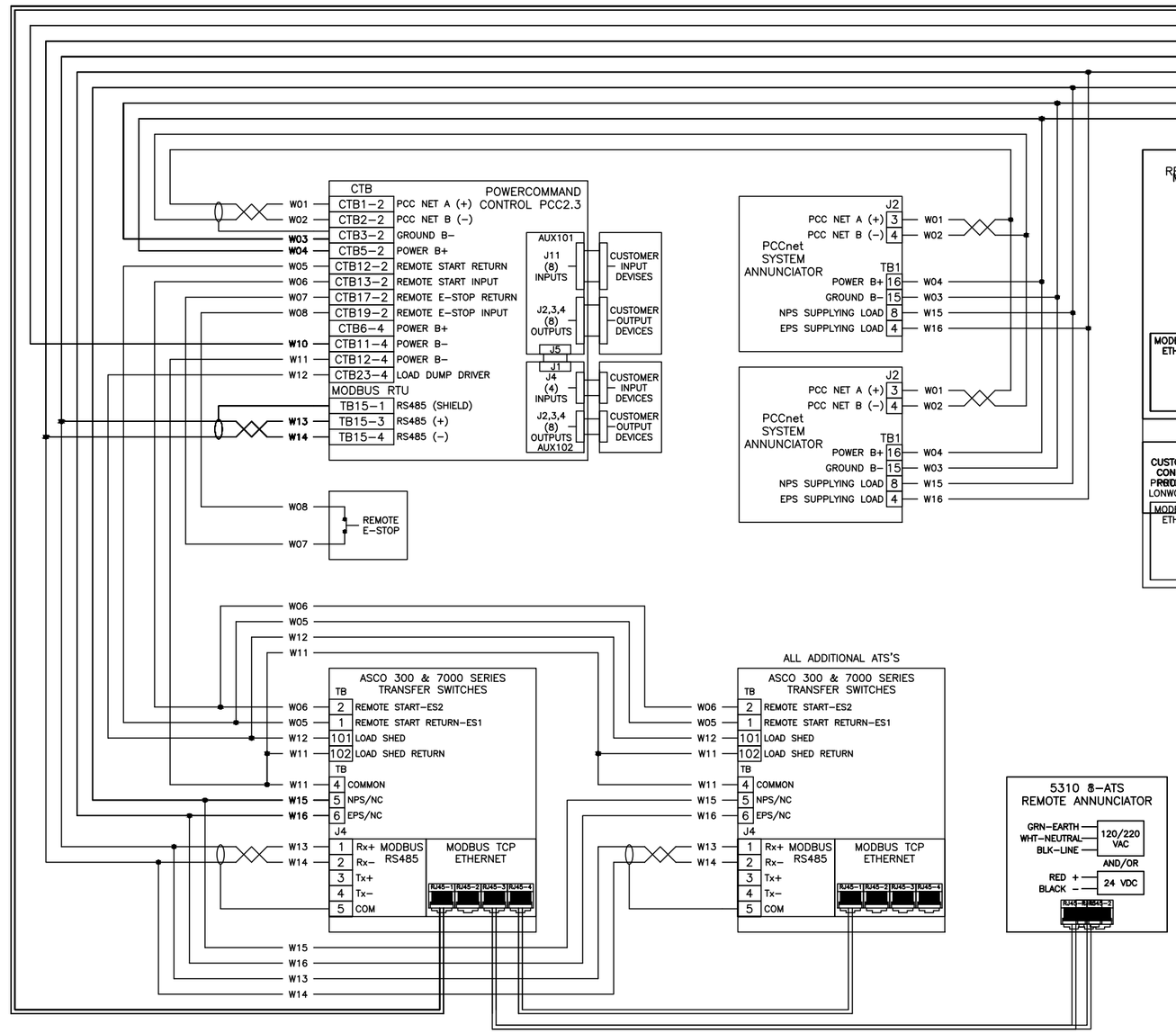
UNLESS OTHERWISE SPECIFIED,
ALL DIMENSIONS ARE IN INCHES

TOLERANCES:
FRACTIONAL:
.X: .06
.XX: .03
.XXX: .01
ANGLES: .5°

REFERENCES			
A065N787		PREP. BY:	KDU
A065N785	A054A430	CHKD BY:	–
A052P382	806095-1784	MODIFIED BY:	–
	978739	FINISH: N/A	–

ASCO 300 & 7000 SERIES

ENGINE FAMILY:
PCC2300



- ALL INTERCONNECT WIRING AND DATA CABLING IS TO BE DONE WITH STRANDED WIRE PER NFPA 110.
- PCC NET CABLE: BELDEN 9729.
  (24 AWG, STRANDED, SHIELDED, TWISTED PAIR)
- MODBUS RS485 CABLE: BELDEN 3106A.
  (22 AWG, STRANDED, SHIELDED, TWISTED PAIR)
- TOTAL NETWORK LENGTH NOT TO EXCEED 4000 FT.

CSSNA POWER GEN	SITE NAME: – –	CONTACT NAME: –	CUSTOMER PROJECT NO: –	TITLE: PCC2.3 CONTROL / ASCO 7000 & 300 SERIES ATS'S QSL9..QSX15..QSK23	
	CONTRACTOR NAME: –	CONTACT NO: –	CSSNA PROJECT NO: –	SIZE: B	DWG NO: PCC2.3 INTERCONNECT REV 2
				SCALE: NONE	DO NOT SCALE PRINT SHEET 1 OF 1

ATTACHMENT I

20% OR LESS IMPERVIOUS COVER WAIVER (NOT APPLICABLE)

ATTACHMENT J

BMPS FOR UPGRADIENT STORMWATER

BMPs FOR UPGRADIENT STORMWATER

Since there is no surface water, groundwater, or stormwater that originates upgradient from the site or that flows across the site, BMPs for Upgradient Stormwater are not needed.

ATTACHMENT K

BMPS FOR ON-SITE STORMWATER

BMP'S FOR ON-SITE STORMWATER

On-site stormwater flowing from the impervious surfaces in the proposed development will discharge into storm channels. Due to the small surface area of the project site (approximately 4,500 sqft), the site will be graded to convey storm water runoff into the adjacent open channels and add minimal runoff volume to the drainage channels. Additionally, based on the land use, pollution of storm water is not expected post construction.

ATTACHMENT L

BMPS FOR SURFACE STREAMS (NOT APPLICABLE)

ATTACHMENT M

CONSTRUCTION PLANS (NOT APPLICABLE)

ATTACHMENT N

INSPECTION, MAINTENANCE, REPAIR, AND RETROFIT PLAN (NOT APPLICABLE)

ATTACHMENT O

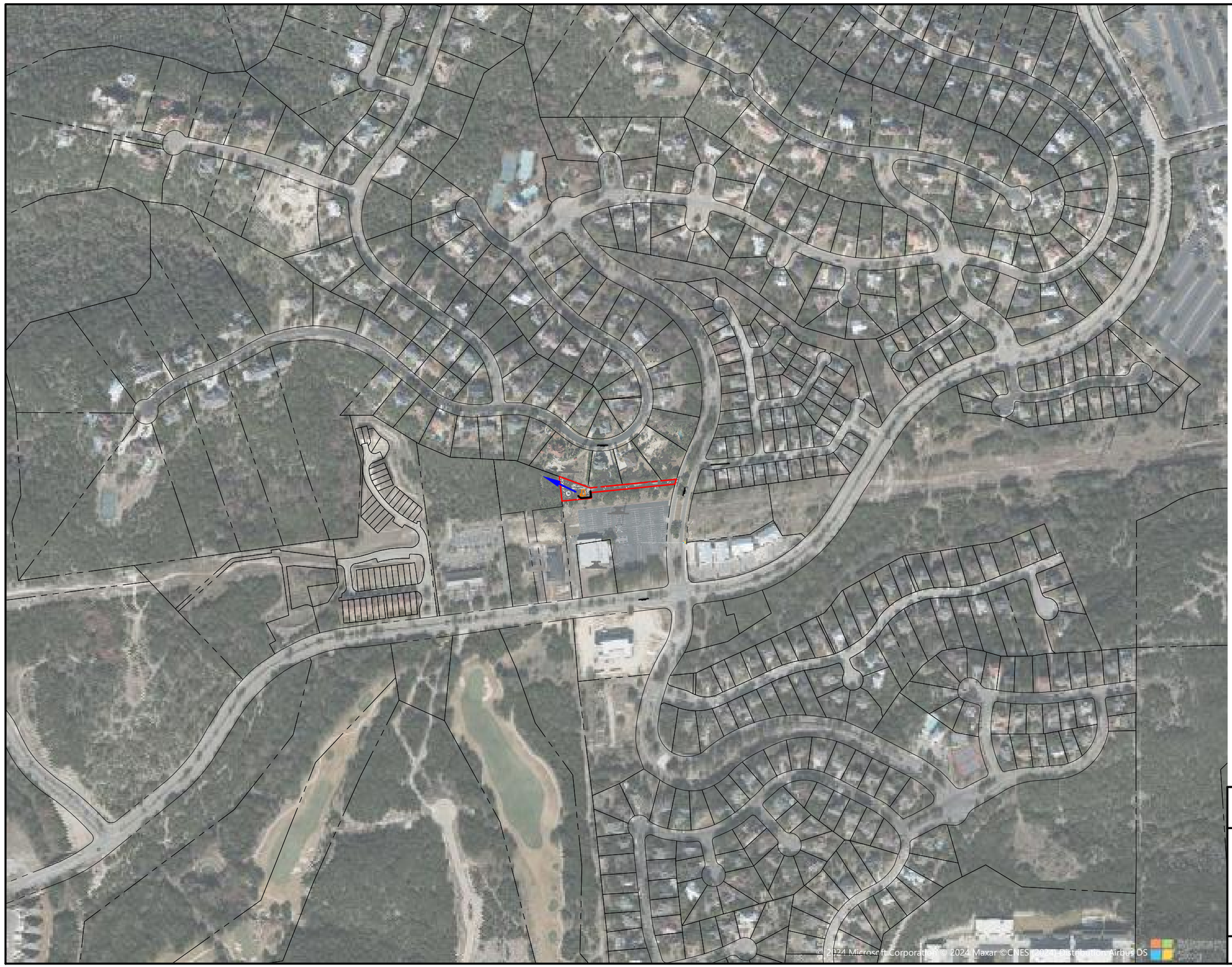
PILOT-SCALE FIELD TESTING PLAN (NOT APPLICABLE)

ATTACHMENT P

MEASURES FOR MINIMIZING SURFACE STREAM CONTAMINATION (NOT APPLICABLE)

APPENDIX A

SITE PLANS



LEGEND

- PROPERTY BOUNDARY
- SOIL DISTURBANCE
- SF SILT FENCE
- DRAINAGE PATTERN

N

0 200 400

SCALE IN FEET

WESTON

FIGURE 3
SITE PLAN

6601 LEGEND LN
CITY OF SAN ANTONIO

DATE	PROJECT NO.	SCALE
June 2024	10412.031.001.0005	AS SHOWN

TEMPORARY STORMWATER (TCEQ 0602)

Temporary Stormwater Section

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b)(4)(A), (B), (D)(I) and (G); Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Temporary Stormwater Section** is hereby submitted for TCEQ review and executive director approval. The application was prepared by:

Print Name of Customer/Agent: Aaron Bentley, E.I.T.

Date: 9/10/2024

Signature of Customer/Agent:

Aaron Bentley Digitally signed by Aaron Bentley
DN: C=US, E=aaron.bentley@westonsolutions.com, OU="Weston Solutions, Inc.", CN=Aaron Bentley
Date: 2024.09.11 10:49:37-05'00'

Regulated Entity Name: San Antonio Water System Walden Heights

Project Information

Potential Sources of Contamination

Examples: Fuel storage and use, chemical storage and use, use of asphaltic products, construction vehicles tracking onto public roads, and existing solid waste.

1. Fuels for construction equipment and hazardous substances which will be used during construction:

   ☒ The following fuels and/or hazardous substances will be stored on the site: Diesel Fuel

   These fuels and/or hazardous substances will be stored in:

   ☐ Aboveground storage tanks with a cumulative storage capacity of less than 250 gallons will be stored on the site for less than one (1) year.

☐ Aboveground storage tanks with a cumulative storage capacity between 250 gallons and 499 gallons will be stored on the site for less than one (1) year.

☐ Aboveground storage tanks with a cumulative storage capacity of 500 gallons or more will be stored on the site. An Aboveground Storage Tank Facility Plan application must be submitted to the appropriate regional office of the TCEQ prior to moving the tanks onto the project.

☐ Fuels and hazardous substances will not be stored on the site.

2. ☒ **Attachment A - Spill Response Actions**. A site specific description of the measures to be taken to contain any spill of hydrocarbons or hazardous substances is attached.

3. ☒ Temporary aboveground storage tank systems of 250 gallons or more cumulative storage capacity must be located a minimum horizontal distance of 150 feet from any domestic, industrial, irrigation, or public water supply well, or other sensitive feature.

4. ☒ **Attachment B - Potential Sources of Contamination**. A description of any activities or processes which may be a potential source of contamination affecting surface water quality is attached.

Sequence of Construction

5. ☒ **Attachment C - Sequence of Major Activities**. A description of the sequence of major activities which will disturb soils for major portions of the site (grubbing, excavation, grading, utilities, and infrastructure installation) is attached.

☒ For each activity described, an estimate (in acres) of the total area of the site to be disturbed by each activity is given.

☒ For each activity described, include a description of appropriate temporary control measures and the general timing (or sequence) during the construction process that the measures will be implemented.

6. ☒ Name the receiving water(s) at or near the site which will be disturbed or which will receive discharges from disturbed areas of the project: Leon Creek

Temporary Best Management Practices (TBMPs)

Erosion control examples: tree protection, interceptor swales, level spreaders, outlet stabilization, blankets or matting, mulch, and sod. Sediment control examples: stabilized construction exit, silt fence, filter dikes, rock berms, buffer strips, sediment traps, and sediment basins. Please refer to the Technical Guidance Manual for guidelines and specifications. All structural BMPs must be shown on the site plan.

7. ☒ **Attachment D – Temporary Best Management Practices and Measures**. TBMPs and measures will prevent pollution of surface water, groundwater, and stormwater. The construction-phase BMPs for erosion and sediment controls have been designed to retain sediment on site to the extent practicable. The following information is attached:

☒ A description of how BMPs and measures will prevent pollution of surface water, groundwater or stormwater that originates upgradient from the site and flows across the site.

☒ A description of how BMPs and measures will prevent pollution of surface water or groundwater that originates on-site or flows off site, including pollution caused by contaminated stormwater runoff from the site.

☒ A description of how BMPs and measures will prevent pollutants from entering surface streams, sensitive features, or the aquifer.

☒ A description of how, to the maximum extent practicable, BMPs and measures will maintain flow to naturally-occurring sensitive features identified in either the geologic assessment, TCEQ inspections, or during excavation, blasting, or construction.

8. ☒ The temporary sealing of a naturally-occurring sensitive feature which accepts recharge to the Edwards Aquifer as a temporary pollution abatement measure during active construction should be avoided.

☐ **Attachment E - Request to Temporarily Seal a Feature**. A request to temporarily seal a feature is attached. The request includes justification as to why no reasonable and practicable alternative exists for each feature.

☒ There will be no temporary sealing of naturally-occurring sensitive features on the site.

9. ☐ **Attachment F - Structural Practices**. A description of the structural practices that will be used to divert flows away from exposed soils, to store flows, or to otherwise limit runoff discharge of pollutants from exposed areas of the site is attached. Placement of structural practices in floodplains has been avoided.

10. ☒ **Attachment G - Drainage Area Map**. A drainage area map supporting the following requirements is attached:

☐ For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin will be provided.

☐ For areas that will have more than 10 acres within a common drainage area disturbed at one time, a smaller sediment basin and/or sediment trap(s) will be used.

☐ For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin or other equivalent controls are not attainable, but other TBMPs and measures will be used in combination to protect down slope and side slope boundaries of the construction area.

☐ There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. A smaller sediment basin and/or sediment trap(s) will be used in combination with other erosion and sediment controls within each disturbed drainage area.

☒ There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. Erosion and sediment controls other than sediment basins or sediment traps within each disturbed drainage area will be used.

11. ☐ **Attachment H - Temporary Sediment Pond(s) Plans and Calculations**. Temporary sediment pond or basin construction plans and design calculations for a proposed temporary BMP or measure have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer. All construction plans and design information must be signed, sealed, and dated by the Texas Licensed Professional Engineer. Construction plans for the proposed temporary BMPs and measures are attached.

☒ N/A

12. ☒ **Attachment I - Inspection and Maintenance for BMPs.** A plan for the inspection of each temporary BMP(s) and measure(s) and for their timely maintenance, repairs, and, if necessary, retrofit is attached. A description of the documentation procedures, recordkeeping practices, and inspection frequency are included in the plan and are specific to the site and/or BMP.

13. ☒ All control measures must be properly selected, installed, and maintained in accordance with the manufacturer's specifications and good engineering practices. If periodic inspections by the applicant or the executive director, or other information indicate a control has been used inappropriately, or incorrectly, the applicant must replace or modify the control for site situations.

14. ☒ If sediment escapes the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain).

15. ☒ Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50%. A permanent stake will be provided that can indicate when the sediment occupies 50% of the basin volume.

16. ☒ Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges (e.g., screening outfalls, picked up daily).

Soil Stabilization Practices

Examples: establishment of temporary vegetation, establishment of permanent vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, or preservation of mature vegetation.

17. ☒ **Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices**. A schedule of the interim and permanent soil stabilization practices for the site is attached.

18. ☒ Records must be kept at the site of the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.

19. ☒ Stabilization practices must be initiated as soon as practicable where construction activities have temporarily or permanently ceased.

Administrative Information

20. ☒ All structural controls will be inspected and maintained according to the submitted and approved operation and maintenance plan for the project.

21. ☒ If any geologic or manmade features, such as caves, faults, sinkholes, etc., are discovered, all regulated activities near the feature will be immediately suspended. The appropriate TCEQ Regional Office shall be immediately notified. Regulated activities must cease and not continue until the TCEQ has reviewed and approved the methods proposed to protect the aquifer from any adverse impacts.

22. ☒ Silt fences, diversion berms, and other temporary erosion and sediment controls will be constructed and maintained as appropriate to prevent pollutants from entering sensitive features discovered during construction.

ATTACHMENT A

SPILL RESPONSE ACTIONS

SPILL RESPONSE ACTIONS

Upon determination that a spill of petroleum products has occurred exceeding the Final Reportable Quantity of 25 gallons, immediate action is required. These actions include abating and containing the spill by stopping the spill, minimizing impact to the public health and environment, neutralizing the effects of the incident, removing the spilled substance, and managing the wastes. The contractor shall notify the TCEQ as soon as possible but not more than 24 hours after discovery of the spill. The notification report will include the following:

1. The name address and telephone number of the person making the report;
2. The date, time and location of the spill;
3. A specific description of the substance that was spilled;
4. An estimate of the quantity of the spill;
5. The duration of the incident;
6. The source of the spill;
7. A description of the extent of actual or potential harmful impacts to the environment or anticipated health risks;
8. A description of any actions that have been taken, are being taken, or will be taken to contain and respond to the spill;
9. The identity of any third parties responding to the spill.

The report shall be submitted to the State Emergency Response Center at 1-800-832-8224 or to the regional office of the TCEQ if the notification report is submitted during normal business hours.

If the spill constitutes an immediate health threat, the contractor shall immediately notify and cooperate with local emergency authorities to support and implement appropriate notification and response actions. Within two weeks of the spill, the contractor will reasonably attempt to notify the owner or occupant of the property upon which the spill occurred as well as the occupants of any property that the contractor reasonably believes will be adversely affected.

Within 30 days of the spill, the contractor shall submit in writing to the TCEQ regional manager details of the spill and verification that the spill response was adequate. The submission will include one of the following:

1. A statement that the spill response actions have been completed and a description of how the response action was conducted. The statement must include the information contained in the notification report.
2. A request for an extension of time to complete the response action along with the reasons for the request. A projected work schedule outlining the time required to complete the response action is also should also be included. The executive director may grant an extension of up to six months from the sate of the spill was reported.
3. A statement that the spill response has not been completed and will not be completed within the maximum allowable six month extension. The statement should include why the completion of the response actions is not feasible and a projected work schedule outlining the remaining tasks necessary to complete the response actions.

ATTACHMENT B

POTENTIAL SOURCES OF CONTAMINATION

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Potential sources of sediment to stormwater runoff:

Surface runoff of dirt, tracking of mud, construction debris, and windblown dust will be controlled through the use of temporary erosion control practices.

Potential pollutants and sources, other than sediment, to stormwater runoff:

Temporary potential sources of contamination include:

1. Equipment fuel and oil
2. Concrete
3. Asphalt pavement products

ATTACHMENT C

SEQUENCE OF MAJOR ACTIVITIES

SCHEDULE OF MAJOR ACTIVITIES

ACTIVITY	AREA DISTURBED (ac)	TEMPORARY CONTROLS
Lay crushed rock aggregate	0.00918	Silt fence
Install concrete generator pad	0.00751	Silt fence
Final Grading and Restoration	0.00918	Silt fence

ATTACHMENT D

TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES

TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES

The general construction sequence will be as follows:

1. Schedule and conduct the preconstruction conference.
2. Install temporary erosion controls, pedestrian protection measures, and traffic control measures.
3. Clear site and complete excavation and site work for installation of waterlines, concrete pads, and asphalt driveways.
4. Remove existing waterlines.
5. Excavate fand install new valves, tie-ins, and waterlines.
6. Complete demolition of existing structures as needed for installation of proposed structures.
7. Excavate and construct concrete generator pad and asphalt driveway.
8. Install electrical conduits wires, and controls.
9. Install generator.
10. Complete rough grading as major structures are completed.
11. Complete final grading and restoration of project site.
12. Final dress site and remove temporary erosion controls.

As stated in 2. the temporary erosion controls will be installed before any other construction activity commences.

The temporary erosion controls are listed below. The mulch sock inlet protection and silt fence will prevent the pollution of surface water, groundwater and stormwater by not allowing the sediment from construction activities to leave the site. All sediment contained in flows that cross the site, including flow that originates upstream of the site, will be filtered by the temporary erosion controls listed. The mulch sock inlet protection filters will filter out sediment in the stormwater as it leaves the site. The measures will then be cleaned, as described on the schedule below, to ensure that they remain functioning.

BMP Description: Silt Fence	
Installation Schedule:	Prior to commencement of construction activity
Maintenance and Inspection:	Weekly and after each significant rainfall
Responsible Staff:	TBD

ATTACHMENT E

REQUEST TO TEMPORARILY SEAL A FEATURE (NOT APPLICABLE)

ATTACHMENT F

STRUCTURAL PRACTICES

ATTACHMENT G

DRAINAGE AREA MAP

DRAINAGE AREA MAP

There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. Erosion and sediment controls other than sediment basins or sediment traps within each disturbed drainage area will be used. These other methods include:

1. Material Storage
2. Stockpipe Management
3. Solid Waste Management
4. Silt Fence
5. Dust Control, Water Application

ATTACHMENT H

TEMPORARY SEDIMENT POND PLANS AND CALCULATIONS (NOT APPLICABLE)

ATTACHMENT I

INSPECTION AND MAINTENANCE FOR BEST MANAGEMENT PRACTICES

Project Name:

BEST MANAGEMENT PRACTICE INSPECTION AND MAINTENANCE REPORT FORM

SILT FENCE

Name of Inspector: _____ Inspection Date: _____
Days Since Last Rainfall: _____ Amount of Last Rainfall: _____ inches

Where is the Silt Fence Located?	Is the Bottom of the Fabric Still Buried?	Is the Fabric Torn or Sagging?	Are the Posts Tipping Over?	How Deep is the Sediment?

MAINTENANCE REQUIRED FOR INLET PROTECTION BARRIERS: _____

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

ATTACHMENT J

SCHEDULE OF INTERIM AND PERMANENT SOIL STABILIZATION PRACTICES

SCHEDULE OF INTERIM AND PERMANENT SOIL STABILIZATION PRACTICES

Permanent soil stabilization practices will include:

1. Limitations on the steepness of finished slopes.
2. Permanent revegetation of finished areas.

No permanent soils slopes steeper than three horizontal to one vertical will be created as a result of this project.

BMP Description: Limitations on the steepness of finished slopes.

Installation Schedule:	Per sequence of construction
Maintenance and Inspection:	N/A
Responsible Staff:	TBD

BMP Description: Permanent revegetation of finished areas.

Installation Schedule:	Upon completion of grading
Maintenance and Inspection:	Watering as needed for establishment and frequent inspection to ensure appropriate progress until vegetation is fully established.
Responsible Staff:	TBD

AGENT AUTHORIZATION FORM (TCEQ 0599)

Agent Authorization Form
For Required Signature
Edwards Aquifer Protection Program
Relating to 30 TAC Chapter 213
Effective June 1, 1999

I **Dr. Saqib Shirazi, PE, PMP**,
Print Name

Manager – Operation Support Engineering,
Title - Owner/President/Other

of **San Antonio Water System**,
Corporation/Partnership/Entity Name

have authorized **Aaron Bentley, E.I.T.**
Print Name of Agent/Engineer

of **Weston Solutions, Inc.**
Print Name of Firm

to represent and act on the behalf of the above named Corporation, Partnership, or Entity for the purpose of preparing and submitting this plan application to the Texas Commission on Environmental Quality (TCEQ) for the review and approval consideration of regulated activities.

I also understand that:

1. The applicant is responsible for compliance with 30 Texas Administrative Code Chapter 213 and any condition of the TCEQ's approval letter. The TCEQ is authorized to assess administrative penalties of up to $10,000 per day per violation.

2. For those submitting an application who are not the property owner, but who have the right to control and possess the property, additional authorization is required from the owner.

3. Application fees are due and payable at the time the application is submitted. The application fee must be sent to the TCEQ cashier or to the appropriate regional office. The application will not be considered until the correct fee is received by the commission.

4. A notarized copy of the Agent Authorization Form must be provided for the person preparing the application, and this form must accompany the completed application.

5. No person shall commence any regulated activity on the Edwards Aquifer Recharge Zone, Contributing Zone or Transition Zone until the appropriate application for the activity has been filed with and approved by the Executive Director.

SIGNATURE PAGE:

Applicant's Signature

7-17-2024
Date

THE STATE OF TEXAS §

County of BEXAR §

BEFORE ME, the undersigned authority, on this day personally appeared Saqib Shirazi known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that (s)he executed same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office on this 17 day of July, 2024.

NOTARY PUBLIC

ALBESA ELIAS CALLES
Notary Public, State of Texas
Comm. Expires 12-17-2024
Notary ID 130651506

Albesa Elias Calles
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 12-17-2024

APPLICATION FEE FORM (TCEQ 0574)

Application Fee Form

Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: San Antonio Water System Walden Heights
Regulated Entity Location: 6601 Legend Ln, San Antonio, TX 78256
Name of Customer: San Antonio Water System
Contact Person: Dr. Saqib Shirazi, P.E., PMP Phone: 210-704-7297
Customer Reference Number (if issued):CN 600529069
Regulated Entity Reference Number (if issued):RN _____

Austin Regional Office (3373)

☐ Hays ☐ Travis ☐ Williamson

San Antonio Regional Office (3362)

☒ Bexar ☐ Medina ☐ Uvalde
☐ Comal ☐ Kinney

Application fees must be paid by check, certified check, or money order, payable to the **Texas Commission on Environmental Quality**. Your canceled check will serve as your receipt. **This form must be submitted with your fee payment**. This payment is being submitted to:

☐ Austin Regional Office
☐ Mailed to: TCEQ - Cashier
Revenues Section
Mail Code 214
P.O. Box 13088
Austin, TX 78711-3088

☒ San Antonio Regional Office
☐ Overnight Delivery to: TCEQ - Cashier
12100 Park 35 Circle
Building A, 3rd Floor
Austin, TX 78753
(512)239-0357

Site Location (Check All That Apply):

☐ Recharge Zone ☒ Contributing Zone ☐ Transition Zone

Type of Plan	***Size***	***Fee Due***
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	0.0557 Acres	$ 3,000
Sewage Collection System	L.F.	$
Lift Stations without sewer lines	Acres	$
Underground or Aboveground Storage Tank Facility	Tanks	$
Piping System(s)(only)	Each	$
Exception	Each	$
Extension of Time	Each	$

Signature: Aaron Bentley Digitally signed by Aaron Bentley DN: C=US, E=aaron.bentley@westonsolutions.com, OU="Weston Solutions, Inc.", CN=Aaron Bentley Date: 2024.09.11 10:50:18-05'00' Date: 9/10/2024

Application Fee Schedule

Texas Commission on Environmental Quality
Edwards Aquifer Protection Program 30 TAC Chapter 213 (effective 05/01/2008)

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

Project	*Project Area in Acres*	*Fee*
One Single Family Residential Dwelling	< 5	$650
Multiple Single Family Residential and Parks	< 5 5 < 10 10 < 40 40 < 100 100 < 500 ≥ 500	$1,500 $3,000 $4,000 $6,500 $8,000 $10,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	< 1 1 < 5 5 < 10 10 < 40 40 < 100 ≥ 100	$3,000 $4,000 $5,000 $6,500 $8,000 $10,000

Organized Sewage Collection Systems and Modifications

Project	*Cost per Linear Foot*	*Minimum Fee-Maximum Fee*
Sewage Collection Systems	$0.50	$650 - $6,500

Underground and Aboveground Storage Tank System Facility Plans and Modifications

Project	*Cost per Tank or Piping System*	*Minimum Fee-Maximum Fee*
Underground and Aboveground Storage Tank Facility	$650	$650 - $6,500

Exception Requests

Project	*Fee*
Exception Request	$500

Extension of Time Requests

Project	*Fee*
Extension of Time Request	$150

CORE DATA FORM (TCEQ 10400)

TCEQ Use Only

TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (*If other is checked please describe in space provided.)*

☒ New Permit, Registration or Authorization (*Core Data Form should be submitted with the program application.)*

☐ Renewal *(Core Data Form should be submitted with the renewal form)* ☐ Other

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	**3. Regulated Entity Reference Number** *(if issued)*
CN 600529069		**RN**

SECTION II: Customer Information

4. General Customer Information	**5. Effective Date for Customer Information Updates** (mm/dd/yyyy)	

☐ New Customer ☒ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name *(If an individual, print last name first: eg: Doe, John)* *If new Customer, enter previous Customer below:*

San Antonio Water System	

7. TX SOS/CPA Filing Number	**8. TX State Tax ID** (11 digits)	**9. Federal Tax ID** (9 digits)	**10. DUNS Number** *(if applicable)*
	32046998749		057582603

11. Type of Customer: ☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☒ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees
☒ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated?
☒ **Yes** ☐ **No**

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☐ Owner ☐ Operator ☒ Owner & Operator
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant ☐ Other:

15. Mailing Address:	2800 US Highway 281 N						
	City	San Antonio	**State**	TX	**ZIP**	78212	**ZIP + 4**

16. Country Mailing Information *(if outside USA)*	**17. E-Mail Address** *(if applicable)*

18. Telephone Number	**19. Extension or Code**	**20. Fax Number** *(if applicable)*

(210) 704-7297		( ) -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information *(If 'New Regulated Entity" is selected, a new permit application is also required.)*

☒ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).

22. Regulated Entity Name *(Enter name of the site where the regulated action is taking place.)*

San Antonio Water System Walden Heights

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	6601 Legend Ln							
	City	San Antonio	**State**	TX	**ZIP**	78256	**ZIP + 4**	
24. County	Bexar							

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:					
26. Nearest City			**State**		**Nearest ZIP Code**
San Antonio			TX		78256

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:	29.615825 N		**28. Longitude (W) In Decimal:**	-98.619189 W	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds

29. Primary SIC Code (4 digits)	**30. Secondary SIC Code** (4 digits)	**31. Primary NAICS Code** (5 or 6 digits)	**32. Secondary NAICS Code** (5 or 6 digits)
4941		21310	

33. What is the Primary Business of this entity? *(Do not repeat the SIC or NAICS description.)*

Distribution of water to nearby property

34. Mailing Address:	**2800 US Highway 281 N**							
	City	**San Antonio**	**State**	**TX**	**ZIP**	**78212**	**ZIP + 4**	
35. E-Mail Address:								

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(210) 704-7297		( ) -

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

40. Name:	Aaron Bentley, P.E.	**41. Title:**	E.I.T.

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(210 **)** 308-4311		**( ) -**	aaron.bentley@westonsolutions.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	San Antonio Water System	**Job Title:**	Project Engineer	
Name *(In Print):*	Dr. Saqib Shirazi, P.E., PMP		**Phone:**	**(** 210 **)** 704- **7297**
Signature:	Aaron Bentley Digitally signed by Aaron Bentley DN: C=US, E=aaron.bentley@westonsolutions.com, OU="Weston Solutions, Inc.", CN=Aaron Bentley Date: 2024.09.11 10:51:22-05'00'		**Date:**	9/10/2024