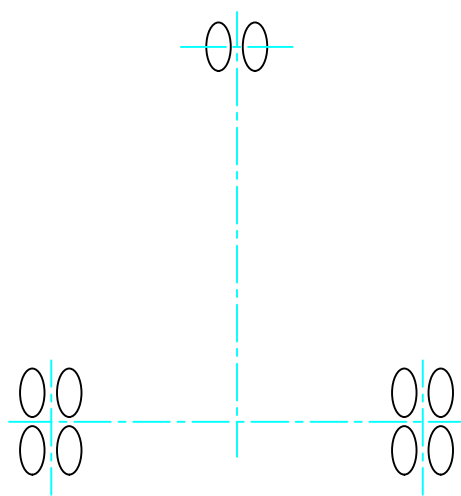
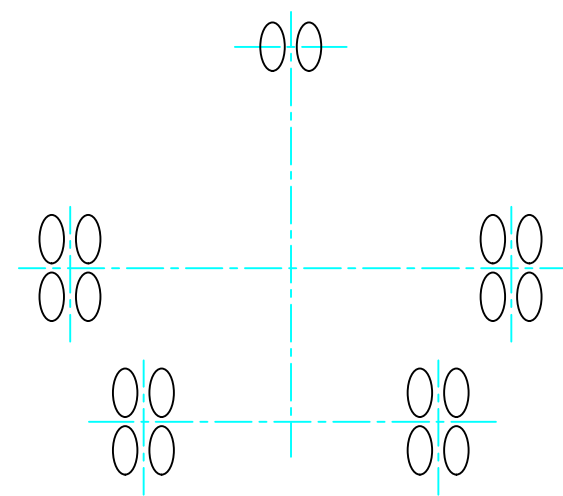


DUAL WHEEL MAIN GEAR WITH SINGLE WHEEL NOSE GEAR



TWO DUAL WHEELS IN TANDEM MAIN GEAR WITH DUAL WHEEL NOSE GEAR



TWO DUAL WHEELS IN TANDEM MAIN GEAR/TWO DUAL WHEELS IN TANDEM BODY GEAR WITH DUAL WHEEL NOSE GEAR

TABLE 1

| TYPICAL AIRCRAFTS |                      |
|-------------------|----------------------|
| DUAL WHEEL        | MAX RAMP WEIGHT lbs. |
| GULFSTREAM G650   | 99,600<br>(45178kg)  |
| AIRBUS A321       | 207,025<br>(93905kg) |
| BOEING 727        | 210,000<br>(95254kg) |
| BOEING 737        | 188,200<br>(85366kg) |

TABLE 2

| TYPICAL AIRCRAFTS |                       |
|-------------------|-----------------------|
| DUAL WHEEL        | MAX RAMP WEIGHT lbs.  |
| GULFSTREAM G650   | 525,675<br>(238442kg) |
| AIRBUS A321       | 608,250<br>(275897kg) |
| BOEING 727        | 451,000<br>(204570kg) |
| BOEING 737        | 559,000<br>(253558kg) |

TABLE 3

| TYPICAL AIRCRAFT | MAX RAMP WEIGHT lbs.  |
|------------------|-----------------------|
| BOEING 737       | 559,000<br>(253558kg) |

TABLE 4  
MINIMUM RECOMMENDED COVER BASED ON AIRCRAFT LOADING CONDITIONS

| PIPE DIA.                  | SURFACE LIVE LOADING CONDITIONS |                |                 |
|----------------------------|---------------------------------|----------------|-----------------|
|                            | DUAL WHEEL                      | DUAL TANDEM    | B-747           |
| 12"- 48"<br>(300mm-1200mm) | 24"<br>(610mm)                  | 24"<br>(610mm) | 36"<br>(914mm)  |
| 48-60"<br>(1200mm-1500mm)  | 36"<br>(914mm)                  | 36"<br>(914mm) | 48"<br>(1219mm) |

COVER NOTED IS BASED UPON HEAVIEST AIRCRAFT IN TABLES 1, 2, AND 3 ABOVE. HEAVIER AIRCRAFTS MAY REQUIRE ADDITIONAL COVER

NOTES:

- CONTACT YOUR LOCAL ADS REPRESENTATIVE FOR AIRCRAFTS IN EXCESS OF 990,000 LBS.
- SUITABLE BACKFILL MATERIAL SHALL BE CLASS I OR II AT 95% SPD PER ASTM D2321. REFER TO STANDARD STD-101H FOR RECOMMENDED INSTALLATION PRACTICES. COMPLEX GEAR CONFIGURATIONS MAY REQUIRE ADDITIONAL COVER.

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|      |                                   |     |          |       |
|------|-----------------------------------|-----|----------|-------|
| 2    | FORMATTING UPDATES AND RENUMBERED | TJR | 04/11/16 |       |
| REV. | DESCRIPTION                       | BY  | MM/DD/YY | CHK'D |

**AIRCRAFT LANDING GEAR  
FOOTPRINT (HP STORM)**

DRAWING NUMBER: STD-111G



4640 TRUEMAN BLVD  
HILLIARD, OHIO 43026

ADVANCED DRAINAGE SYSTEMS, INC.

|          |           |
|----------|-----------|
| DRAWN BY | CMF       |
| DATE     | 2/19/2016 |
| CAD FILE |           |
| SCALE    | NTS       |
| SHEET    | 1 OF 1    |