

- 1. Cross section as shown is suitable for pedestrian and vehicular applications. Paver dimensions subject to aspect and plan ratio requirements. Contact Belgard Commercial for product selection guidance based on the intended traffic loading.
- 2. Depth of aggregate base subject to site specific conditions (traffic loading, soil conditions, groundwater levels, climatic conditions). Contact Belgard Commercial for design assistance.
- 3. Additional drain holes may be required depending on the size of the pavement area. The rule of thumb is to have at least one drain hole per 500 square feet of surface area. Storm drains should be used at low spots.
- 4. Drain pipes may be required within the aggregate base depending on the permeability of the subgrade soils. Verify drainage needs with the geotechnical engineer. Ensure drain pipes are able to daylight via gravity flow to surface, or connect to catch basin.
- 5. Ensure the geotextile above the drain hole has good drainage characteristics and is not prone to clogging.
- 6. Techniseal HP Nextgel jointing sand conforming to ASTM C144 may be used in pedestrian and light vehicular applications. Please contact Belgard Commercial for design assistance.

belgardcommercial.com	This drawing is for illustrative purposes only and should not be	Belgard Standard Paving Detail	Scale: N.T.S.	Drawn by: MAH
877-235-4273	used for construction without the		Date:	Drawing number:
details@belgard.com	professional engineer.	Sand Set on Concrete Base	02/11/2019	ICP_1



- 1. Cross section as shown is suitable for pedestrian and vehicular applications. Paver dimensions subject to aspect and plan ratio requirements. Contact Belgard Commercial for product selection guidance based on the intended traffic loading.
- 2. Depth of aggregate base subject to site specific conditions (traffic loading, soil conditions, groundwater levels, climatic conditions). Contact Belgard Commercial for design assistance.
- 3. Drain pipes may be required within the aggregate base depending on the permeability of the subgrade soils. Verify drainage needs with the geotechnical engineer. Ensure drain pipes are able to daylight via gravity flow to surface, or connect to catch basin.
- 4. Ensure the geotextile above the drain hole has good drainage characteristics and is not prone to clogging.
- 5. Techniseal HP Nextgel jointing sand conforming to ASTM C144 may be used in pedestrian and light vehicular applications. Please contact Belgard Commercial for design assistance.

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	tails@belgard.com	signature of a registered professional engineer.	Sand Set on Aggregate Base	2/15/2019	ICP_2



- 1. Cross section as shown is suitable for pedestrian and vehicular applications. Paver dimensions subject to aspect and plan ratio requirements. Contact Belgard Commercial for product selection guidance based on the intended traffic loading.
- 2. Condition of existing asphalt pavement and drainage elements should be assessed and determined to be suitable for site specific conditions by a licensed pavement engineer. Contact Belgard Commercial for design assistance.
- 3. Additional drain holes may be required depending on the size of the pavement area. The rule of thumb is to have at least one drain hole per 500 square feet of surface area. Storm drains should be used at low spots.
- 4. Drain pipes may be required within the aggregate base depending on the permeability of the subgrade soils. Verify drainage needs with the geotechnical engineer. Ensure drain pipes are able to daylight via gravity flow to surface, or connect to catch basin.
- 5. Ensure the geotextile above the drain hole has good drainage characteristics and is not prone to clogging.
- 6. Techniseal HP Nextgel jointing sand conforming to ASTM C144 may be used in pedestrian and light vehicular applications. Please contact Belgard Commercial for design assistance.

	N.T.S.	MAH
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Line details@belgard.com professional engineer. Sand Set on Existing Asphalt Base	2/15/2019	ICP_3



- 1. Cross section as shown is suitable for pedestrian and vehicular applications. Paver dimensions subject to aspect and plan ratio requirements. Contact Belgard Commercial for product selection guidance based on the intended traffic loading.
- 2. Depth of base, and thickness of concrete slab, subject to site specific conditions (traffic loading, soil conditions, groundwater levels, climatic conditions). Contact Belgard Commercial for design assistance.
- 3. Additional drain holes may be required depending on the size of the pavement area. The rule of thumb is to have at least one drain hole per 500 square feet of surface area. Storm drains should be used at low spots.
- 4. Drain pipes may be required within the aggregate base depending on the permeability of the subgrade soils. Verify drainage needs with the geotechnical engineer. Ensure drain pipes are able to daylight via gravity flow to surface, or connect to catch basin.
- 5. Ensure the geotextile above the drain hole has good drainage characteristics and is not prone to clogging.
- 6. Techniseal HP Nextgel jointing sand conforming to ASTM C144 may be used in pedestrian and light vehicular applications. Please contact Belgard Commercial for design assistance.

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877-235-4273	used for construction without the		Date:	Drawing number:
	signature of a registered professional engineer.	Bituminous Set on Concrete Base	2/15/2019	ICP_4



- 1. Cross section as shown is suitable for pedestrian and vehicular applications. Paver dimensions subject to aspect and plan ratio requirements. Contact Belgard Commercial for product selection guidance based on the intended traffic loading.
- 2. Depth of base, and thickness of asphalt/concrete slab, subject to site specific conditions (traffic loading, soil conditions, groundwater levels, climatic conditions). Contact Belgard Commercial for design assistance.
- 3. Additional drain holes may be required depending on the size of the pavement area. The rule of thumb is to have at least one drain hole per 500 square feet of surface area. Storm drains should be used at low spots.
- 3. When traffic flow is perpendicular to the direction of the header, the width of the header curb should be sufficient to ensure that a bouncing tire caused by differential settlement will land on the header and not skip over it.
- 4. When using geotextile separation fabric, consult with the manufacturer to ensure the material has good drainage characteristics and is not prone to clogging.
- 5. Drain pipes may be required within the aggregate base depending on the permeability of the subgrade soils. Verify drainage needs with the geotechnical engineer. Ensure drain pipes are able to daylight via gravity flow to surface, or connect to catch basin.
- 6. Techniseal HP Nextgel jointing sand conforming to ASTM C144 may be used in pedestrian and light vehicular applications. Please contact Belgard Commercial for design assistance.

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ΙK	877-235-4273	purposes only and should not be used for construction without the signature of a registered	Bolgara Standara Faving Botan	Date:	Drawing number:
	details@belgard.com	Curb Transition Bituminous Set on Concrete Base	2/15/2019	ICP_5	



- 1. Cross section as shown is suitable for pedestrian and vehicular applications. Paver dimensions subject to aspect and plan ratio requirements. Contact Belgard Commercial for product selection guidance based on the intended traffic loading.
- 2. Depth of aggregate base subject to site specific conditions (traffic loading, soil conditions, groundwater levels, climatic conditions). Contact Belgard Commercial for design assistance.
- 3. When traffic flow is perpendicular to the direction of the header, the width of the header curb should be sufficient to ensure that a bouncing tire caused by differential settlement will land on the header and not skip over it.
- 4. When using geotextile separation fabric, consult with the manufacturer to ensure the material has good drainage characteristics and is not prone to clogging.
- 5. Drain pipes may be required within the aggregate base depending on the permeability of the subgrade soils. Verify drainage needs with the geotechnical engineer. Ensure drain pipes are able to daylight via gravity flow to surface, or connect to catch basin.
- 6. Techniseal HP Nextgel jointing sand conforming to ASTM C144 may be used in pedestrian and light vehicular applications. Please contact Belgard Commercial for design assistance.

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877-235-4273	purposes only and should not be used for construction without the	Deigard Standard F dving Detail	N.I.S. Date:	Drawing number:
」 LGARD details@belgard.com	professional engineer.	Curb Transition Sand Set on Aggregate Base	2/15/2019	ICP_6



- 1. Cross section as shown is intended for pedestrian use. If any vehicular traffic loading is expected, contact Belgard Commercial for design assistance, as additional static and dynamic loads need to be accounted for.
- 2. Structural analysis to verify that the roof deck can handle the additional weight of the pavers and aggregate is by others.
- 3. Consult with the waterproof membrane supplier to determine if a protective board is required.
- 4. Check with the local building codes for ballast requirements (based on wind loading).
- 5. Ensure the geotextile to be used has good drainage characteristics and is not prone to clogging.
- 6. Continuation of the structural slab expansion joint to surface is not required with aggregate set pavers, consult with a design engineer.
- 7. Waterproof membrane may not be required over some precast concrete structural slabs, consult with the design engineer.

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BELGARD	details@belgard.com	signature of a registered professional engineer.	Aggregate Set on Roof Deck Over Uninhabited (Open) Space	2/15/2019	ICP_8



- 1. Cross section as shown is intended for pedestrian use. If any vehicular traffic loading is expected, contact Belgard Commercial for design assistance, as additional static and dynamic loads need to be accounted for.
- 2. Structural analysis to verify that the roof deck can handle the additional weight of the pavers and sand is by others.
- 3. Thickness of rigid insulation based on local codes and climatic conditions.
- 4. Check with the local building codes for ballast requirements (based on wind loading).
- 5. Ensure the geotextile to be used has good drainage characteristics and is not prone to clogging.
- 6. Continuation of the structural slab expansion joint to surface is not required with aggregate set pavers, consult with the design engineer.

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	011-235-4215	signature of a registered		Date:	Drawing number:
BELGARD	details@belgard.com	professional engineer.	Aggregate Set on Roof Deck Over Inhabited (Heated) Space	2/11/2019	ICP_9



- 1. Cross section as shown is intended for pedestrian use. If any vehicular traffic loading is expected, contact Belgard Commercial for design assistance, as additional static and dynamic loads need to be accounted for.
- 2. Structural analysis to verify that the roof deck can handle the additional weight of the pavers and aggregate is by others.
- 3. Consult with the waterproof membrane supplier to determine if a protective board is required.
- 4. Check with the local building codes for ballast requirements (based on wind loading).
- 5. Ensure the geotextile to be used has good drainage characteristics and is not prone to clogging.
- 6. Continuation of the structural slab expansion joint to surface is not required with sand set pavers, consult with a design engineer.
- 7. Waterproof membrane may not be required over some precast concrete structural slabs, consult with the design engineer.

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877-235-4273	signature of a registered		Date:	Drawing number:
details@belgard.com	professional engineer.	Sand Set on Roof Deck Over Uninhabited (Open) Space	2/11/2019	ICP_10



- 3. Thickness of rigid insulation based on local codes and climatic conditions.
- 4. Check with the local building codes for ballast requirements (based on wind loading).
- 5. Ensure the geotextile to be used has good drainage characteristics and is not prone to clogging.
- 6. Continuation of the structural slab expansion joint to surface is not required with sand set pavers, consult with the design engineer.

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		signature of a registered professional engineer.	Sand Set on Roof Deck Over Inhabited (Heated) Space	Date:	Drawing number:
BELGARD	details@beigard.com			2/11/2019	





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professional engineer.

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Paver Installation Around Utility Structures



- 1. Paver dimensions subject to plan aspect ratio requirements, contact Belgard Commercial for product selection guidance based on the intended traffic loading.
- 2. Ensure the geotextile adjacent to the drain holes has good drainage characteristics and is not prone to clogging.
- 3. Do not place this assembly at lowest pavement elevations.

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	877-235-4273	used for construction without the		Date:	Drawing number:
		signature of a registered	Pover Installation Around Value Roves	Date.	Drawing number.
BELGARD	details@belgard.com	details@belgard.com	Paver installation Around valve boxes	2/15/2019	ICP_14



