PLANTING PLAN

PLANTING PLAN

Hatched area not included for construction. Final design and approval is still pending. Approved design and plans to be provided as part of change order.

Hatched area not included for construction. Final design and approval is still pending. Approved design and plans to be provided as part of change order.
GENERAL LANDSCAPE NOTES

1. The Landscape Contractor shall grade planting beds, as required, to provide positive drainage and promote optimum plant growth.

2. The plant material schedule is presented for the convenience of the Landscape Contractor. In the event of a discrepancy between the plant and the key, the plant shall prevail.

3. All tree and shrub locations shown on the plans are approximate and subject to change. Tree and shrub locations shall be flagged in the field and approved by the Landscape Architect and Office-in-charge prior to planting.

4. There shall be no additions, deletions or substitutions without the written approval of the Landscape Architect and Office-in-charge.

5. The Landscape Contractor will be responsible for the collection, removal, and proper disposal of any and all debris generated during the installation of this project.

6. Unless otherwise noted on these plans, contractor shall conform to the following documents in the State 2000 Standard Specifications for Roads and Bridge Construction, for all landscape-related materials and installation, as well as Special Provisions included in the contract documents:
   - Section 617 - Planting Soil
   - Section 619 - Planting

7. Plants shall meet size indicated by minimum height and spread. Plants shall be straight and uniform shaped, unless unique or special characteristics are specified, and shall be undamaged, healthy, vigorous and free of disease and insect infestation. Plants not conforming to these requirements on delivery to the project and at the end of the plant establishment period will be rejected.

8. Landscape contractor shall coordinate all work with related contractors and with the general contractor in order not to impede the progress of the work of others or the contractor’s own work.

9. Contractor shall be solely responsible for the complete removal and damages resulting from planting any plant species listed on the Hawaii Department of Agriculture "Noxious Weed Rules" as defined in the statute, Hawaii Administrative rules 4.88.1.

10. For the duration of construction within the drip line of trees to remain there must be no: changes, alterations, or disturbance to the grade, except as noted on the plans; no changes of construction material or equipment; no removal of any material or excavation material; no disposal of any liquids; no vehicular traffic or equipment traffic; no attachment of any nets, ropes, tights, or any other such attachment other than those of protective nature to any tree to be preserved; no cleaning equipment or material under the canopy of any tree or group of trees to remain.

11. Landscape contractor shall field adjust locations of plant material as necessary to avoid damage to existing underground utilities and/or existing above ground elements. All changes required shall be completed at the contractor’s expense and shall be coordinated with the Office-in-charge and the Landscape Architect.

12. Stake trees immediately after planting as indicated in the contract documents. If staking is not required by the contract documents, stake trees if necessary because of abnormal wind conditions or if trees do not retain an upright position throughout the contract duration, as directed by the county.

13. Contractor shall grass all areas within the project limits disturbed by construction activities with Common Bermuda grass seed. At the contractors option, direct seeding method may be acceptable, but must meet the maintenance and coverage requirements of the contract documents.

PLANTING NOTES:

1. TYPICAL LANDSCAPE TREATMENT FOR ALL PLANTING AREAS:
   - All plant materials shall comply with suggested/recommended plant material in the Oahu Town Core Urban Design Plan; plant palette to be approved by County of Oahu.
   - Ensure plant material choice and placement does not impede sight distance for pedestrians and drivers.
   - Install 6” biaxial layer and 1” layer soil amendments for all areas.
   - Avoid all utility conflicts.

2. TYPICAL LANDSCAPE TREATMENT FOR MEDIAN MOWING BETWEEN 5’-6” AND 10’-6”:
   - Single row of Large canopy trees (25 gallon container size, 1.5’-2.5’ caliper, 6’-8’ overall height.). Space trees between 25’-60’ on center with minimum 25’ of road control barrier on each side of tree to protect curb and roadway. Provide additional road control barrier to protect underground utilities within median areas.
   - Provide native or non-invasive accent groundcover(s), 4” pot size, spaced at 18” o.c. (1/-10% variance). Use triangular spacing.
   - mound center of median 12”-18” high.

3. TYPICAL LANDSCAPE TREATMENT FOR SIDEWALK PLANTING STRIPS:
   - Single row of Medium canopy trees (25 gallon container size, 1.5”-2.5” caliper, 5’-6’ overall height.). Space trees between 25’-30’ on center with minimum 25’ of road control barrier on each side of tree to protect sidewalk and roadway. Provide additional road control barrier to protect underground utilities within planting strips.
   - Provide native or non-invasive accent groundcover(s), 4” pot size, spaced at 18” o.c. (1/-10% variance). Use triangular spacing.
   - All other areas shall be grassed. Grass shall be Common Bermuda grass and installed as seed.

4. TYPICAL LANDSCAPE TREATMENT FOR SPLINTER ISLANDS NEAR ROADWAY:
   - Mixture of native or non-invasive accent shrubs (5 gallon) concentrated centrally in planter so as not to impede vehicles/pedestrian sight distance.
   - Provide native or non-invasive accent groundcover(s), 4” pot size, spaced at 18” o.c. (1/-10% variance). Use triangular spacing.
   - Ensure plant material choice and placement does not impede sight distance for pedestrians and drivers.

5. CONCRETE PLANTERS/POTS:
   - Contractor shall provide and install precast concrete planters/pots in locations indicated on the plan sheets (minimum 24” height). Pots shall include waterproofing (if necessary per manufacturers recommendations). Drainage, commercial potting mix, and ornamental planting sufficient to completely fill planter (minimum 9 gal size). Connect to permanent irrigation system.

FERTILIZATION NOTES:

1. SHRUBS AND TREES: All shrubs and trees shall be fertilized with "Safeguard" 20-10-5 planting tablets at a rate of 1 tablet per planting. Tablets shall be placed uniformly around the root mass at a depth that is between the middle and bottom of the root mass.

   - APPLICATION RATE FOR SHRUBS:
     - 1 gallon cans: 1 – 25 gram tablets
     - 5 gallon cans: 1 – 25 gram tablets
     - 10 gallon cans: 1 – 25 gram tablets
     - 20 gallon cans: 1 – 25 gram tablets

   - APPLICATION RATE FOR TREES:
     - 3 – 21 gram tablets each (1/3) of caliper

2. GRASSCOVER AREAS: All grasscover areas shall receive fertilization with a time release fertilizer; apply as per manufacturer's specifications, test lot results, and any special considerations for the specific species installed.
IRRIGATION PLAN NOTES:
Irrigation system shown is diagrammatic and subject to minor adjustments due to unanticipated field conditions. PVC laterals and main lines shall be installed in planting areas except where sleeves indicate crossings through paved surfaces. Valves shall be installed in the vicinity of the locations shown and shall be set within planting areas. Valves shall be placed for accessible service and use. Avoid conflicts with plantings, utilities and architectural elements.
IRRIGATION PLAN NOTES:
Irrigation system shown is diagrammatic and subject to minor adjustments due to unanticipated field conditions. PVC laterals and main lines shall be installed in planting areas, except where sleeves indicate crossings through planted surfaces. Sleeves shall be installed in the vicinity of the locations shown and shall be set within planting areas. Valves shall be placed for accessible service and use. Avoid conflicts with plantings, utilities and architectural elements.

Typical drip areas for groundcover/finishes. See detail sheet 5 for drip line layout.
IRRIGATION PLAN
Scale 1" = 20'

Typical drip areas for groundcover/seedlings. See detail sheet 5 for drip line layout.

IRRIGATION CONTROLLER / POINT OF CONNECTION:
See Irrigation Sheet 5 (irrigation details - Sheet No. 13)
for location of irrigation controller and point of connection.

IRRIGATION PLAN NOTES:
Irrigation system shown is diagrammatic and subject to minor adjustments due to unanticipated field conditions. PVC laterals and main lines shall be installed in planting areas, except where sleeves indicate crossings through paved surfaces. Valves shall be installed in the vicinity of the locations shown and shall be set within planting areas. Valves shall be placed for accessibility service and use. Avoid conflicts with plantings, utilities and architectural elements.
HAwAIIAN TELCOW NOTES

GENERAL NOTES:

1. All work on utility facilities shall be in strict accordance with specifications and requirements of Hawaiian Telcom for the facilities within their jurisdiction.
2. The Contractor shall closely coordinate all work with Hawaiian Telcom. The Contractor shall notify Hawaiian Telcom's Inspector or designated representative a minimum of 3 days prior to excavation, bracing or backfilling of Hawaiian Telcom's structures or facilities. The Hawaiian Telcom Inspectors are Rick Ramone, tel 822-2558.

CONDUIT NOTES:

1. Unless otherwise indicated, all conduits, swages, couplings, adapters, and, bell ends shall be Schedule 40 PVC, PVC 2" and 4" DB conduits meeting GTE specification GT-2632 may be substituted in concrete encasement application.
2. All trenches and pullboxes must be inspected by Hawaiian Telcom prior to backfilling and concrete encasing operations.
3. All conduits shall be cleaned and be Free From objectionable materials with its ends adequately covered until Hawaiian Telcom installs its cable facilities.
4. All street crossings shall be encased in a concrete jacket, which shall extend a minimum of 12 inches outside of edge of pavement.
5. Minimum clearances between electrical and telephone conduits shall be 12 inches horizontally and 6 inches vertically, however, if concrete-encased, a 3 inch clearance may be utilized in both directions.
6. Conduits for utility boxes to the individual lots shall be considered incidental to their respective main duct lines. Said conduits shall be 2" PVC unless otherwise indicated.

PULLBOX NOTES:

1. All type 4357B (2 x 4) # 4357B6 (2 x 6) pullboxes shall be constructed with a 12" base and a minimum of two 8" product sections. All covers shall be of the slip not type. (Refer to HTCD standard drawings 34056 and 34076).
2. At no time shall cement mortar, wood, or any other material be used between precedent sections. Leveling or raising of pullboxes shall be done at the brickwork section using cement mortar. The permanent installation of wooden wedges to level or raise the precedent sections shall not be permitted.
3. All conduits shall enter boxes at 90 degree angle and flush to the wall with flared or junior end bells to prevent cable damage.
4. The 4357B pullbox base shall be placed on a minimum of 3" crushed rock backfill.
5. The Contractor shall furnish and install 4" bare copper ground wire (direct burial) from all transformer pad ground rods to the nearest Hawaiian Telcom pullbox, as specified in HTCD standard drawing 34043. Install one 5/8" X 8" ground rod in all other Hawaiian Telcom pullboxes, except in the type 4357 pullbox boxes (12") X 20". Ground rods are to extend 4" above the finished pullbox/ground rod cover (ignited) and be located 4" from the pullbox corner.
6. Extend Schedule 40 conduits 2" to 6" above finish floor. In equipment room.
7. All Type 1 huntboxes, 4357B and 4357B6 boxes shall be constructed with covers of the slip not type. (Refer to HTCD standard drawing 34029).

DEPARTMENT OF WATER
COUNTY OF KAULU

ELECTRICAL NOTES:

HARD STREET IMPROVEMENTS
Federal Aid Project No. STP 057200

HARD STREET
COUNTY OF KAULU
DEPARTMENT OF PUBLIC WORKS
BUILDING 

100% SUBMITTAL

Page 134
KUIC NOTES

UNDERGROUND CONSTRUCTION NOTES AND REQUIREMENTS:

1. These notes are not intended to be used in place of the Service Installation Manual, please refer to Service Installation Manual for all service issues.

2. Contractor shall contact Kauai Island Utility Cooperative ("KUIC") Construction Coordinator/Inspector prior to start of work on KUIC facilities and for scheduling of line inspections. (Westside 246-3333, Eastside 822-4953)

3. Contractor shall contact KUIC’s Distribution Engineer at 246-2373 for design approvals, standard detail drawings, and any items not addressed in these notes or drawings.

4. All contractors entering KUIC facilities must be approved by KUIC and must have proper licensing and insurance coverage. Contact KUIC Legal Coordinator at 246-6389 for details.

5. All trenches and pipelines must be inspected by KUIC prior to backfilling and concrete stressing operations. For detailed trenching and backfilling requirements refer to KUIC’s Service Installation Manual.

6. The Contractor shall provide a Poly-Line 200 lb. test line or equivalent as a guying wire in all 3", 4", and 6" conduits. In 5" and 6" conduits, the contractor shall install NEPTCO 8008001 staple as a guying line.

7. All conduits, pullboxes, handholes, manholes shall be cleaned and free from objectionable materials. Conduit ends shall be adequately covered until the conductor is installed by the electrical company. (Cover shall be Carlton Plug with Pull Tab series P250 equivalent or better)

8. For all conduit other than services, refer to conduit schedule on drawings.

9. For all services where the conductor is 3/0 or less, the distance from KUIC's handhole and Customer's meter is less than 150 feet, and not crossing any driveways or roads, the conduit shall be 6 inch Schedule 40 PVC. For services greater than 150 feet but less than 500, contact KUIC planner for field verification and underground servicing requirements. Any deviations will require KUIC written approval.

10. Primary and Secondary conduits for new line extensions shall be Schedule 40 PVC. (Carlon PVC Type D is equivalent or better.) Under driveways and roadways, the conduits shall be encased in a minimum of 3 inch concrete jacket extending 12" outside the edge of pavement.

11. Schedule 80 PVC conduit may be substituted for the concrete encased Schedule 40 PVC for service conduit only crossing under unknown private driveways & roadways from KUIC's handhole to customer's meter. If concrete driveway will be built over service conduit immediately after conduit is installed, then Schedule 40 PVC may be used provided that it meets with Rule No. 21.

12. All primary and secondary conduits which are crossing state or county roadways shall be Schedule 40 PVC encased in a minimum 6 inch concrete jacket, which shall extend a minimum of 12 inches outside of the edge of pavement.

13. Electrical supply ducts, when installed near communication cables, shall be separated from communication duct systems and buried communication cables or conduits by not less than 3 inches of concrete or 12 inches of earth when paralleling or crossing.

14. Chair shall be installed and spaced at a maximum of 5 feet separation when concrete encasing conduits.

15. All conduits shall enter boxes at a 90 degree angle, perpendicular and flush to the wall with bell ends to prevent cable damage.

16. 90 degree conduit bends shall be factory made with a minimum radius of 3 feet in trench runs.

17. Conduit bends exceeding 90 degrees will not be accepted.

18. A 36 inch minimum horizontal clearance shall be maintained when running KUIC conduits parallel to water supply lines. If clearance is less than 36 inches, KUIC conduit shall be concrete encased. When in parallel, Department of Water resources NFT horizontal clearance between KUIC conduits and waterlines.

19. No foreign pullboxes, handholes, manholes, concrete slabs/pads, structures, etc. are to be installed over KUIC facilities with the exception of HTCA, CATV, or waterline conduit crossings. Such crossings must be approved by KUIC’s Service Assurance Department and KUIC conduit to be concrete encased. Concrete encasement must be minimum of 3 inch encasement and extend a minimum of 1 foot beyond crossing conduit or pipe.

20. Red marker tape to be placed 1 foot above electrical conduits in the trench during backfilling. CE-2 CODE WHITE 6 inch wide tape (polyethylene) Print-A-Line Warning Tape AA-5076 "ELECTRIC LINE" in red, equivalent or better.

21. Unless otherwise noted, the top of all conduits shall be at a depth of 24 inches.

22. All handholes, pullboxes, and manholes shall be Walker Industries type or approved equal. Contact KUIC prior to ordering underground boxes for vendor approval. Customer to submit manufacturer's shop drawings of all handholes and manholes for box sizes greater than 24X24 for KUIC review and approval.

23. Typically, the top of all electrical utility boxes shall be 1 inch above finish grade, single phase transformer pads shall be 6 inches above finish grade and three phase transformer pads shall be 8 inches above finish grade unless otherwise noted. Special conditions may apply to sidewalks, roadways, etc. See specific location notation.

24. At no time shall cement mortar, wood or any other material be used between precast sections of KUIC pullboxes, handholes, or manholes. The permanent installation of wooden wedges to level or raise the precast sections shall not be permitted.

25. A minimum of 6 inches of #3 crushed rock backfill shall be placed loosely beneath the bottom section of handholes and pullboxes. Crushed rock or other foreign materials are not to be placed inside handholes and pullboxes.

CATV NOTES:

1. Follow all notes and specifications as Hawaiian Telcom

2. Pullbox lid shall be galvanized steel with non-slip surface and marked with T.V. or CATV.

3. Standard pull line in all conduits shall be installed. (Pull line 200 lbs.)

4. Grounds are not required. Cable company shall install its own as they see necessary.

5. 9" X 36" pull box, refer to Hawaiian Telcom drawing #34824A-HEMT 9" X 36".

ELECTRICAL NOTES

HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 0572810
Scale As Noted
Date June, 2004

Approved: 3/25/2004

135
TYPE 30-2005 KIUC 2' x 4' HANDHOLE

NOTES:

☐ HANDHOLE DESIGNED IN ACCORDANCE WITH KIUC STANDARDS USING 4000 PSI COMpressive STRENGTH CONCRETE AND 6000 PSI YIELD STRENGTH ASTM A-65 STEEL REINFORCEMENT PER CALC.

☐ ALL CONCRETE AND REINFORCED CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE PROVISIONS OF THE AMERICAN CONCRETE INSTITUTE'S BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-89).

☐ HANDHOLE TO BE PLACED ON A 6" BASE ON FIRM/COMPACTED BACKFILL OR ON UNDISTURBED SOIL.

☐ PRODUCT TO BE STENCILED:
   WALKER INDUSTRIES
   DATE OF ISSUE:
   PRODUCT MARK NO.

THE FOLLOWING MATERIALS TO BE SHIPPED WITH EACH HANDHOLE:

ORDERING INFORMATION:
2 x 4 x 34" KIUC FOR ASSEMBLY AS SHOWN. APPROVED FOR KIUC SPECS. TOTAL WEIGHT OF ASSEMBLY SHOWN IS 1230lb.

1. TOP SECTION, WT. 400lb.
2. BOTTOM SECTION W/KNOCKOUTS, WT. 430lb.
3. 1/2" x 4" LETTING HOLE (CONTR. TO GROUT SOLID AFTER PLACEMENT OF SECTION).
4. CONDUIT OPENING KNOCKOUT.
5. CONCRETE COVER, REFER TO HECO DWG. NO. 1312.

Walker Industries, Ltd.
P.O. BOX 1968 KAPAA, HI 96733
Phone: 808-877-3430 Fax: 808-877-7282

Page 1

[Diagram of 2' x 4' Handhole with dimensions and parts labeled]

ELECTRICAL DETAILS

HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 0572081
King St at Kamehameha St Date: June 2014

Sheet No. 10 of 10 SHEETS
BACKFILL NOTES:
TYPE "A" BACKFILL - EARTH & GRAVEL
ROCK SIZE TO BE 1" MAX. THE MIXTURE
TO CONTAIN NOT MORE THAN 50% BY
VOLUME OF ROCK PARTICLES. 95% COMPACTTION

TYPE "B" BACKFILL - EARTH & GRAVEL
MIXTURE MUST PASS A ½" MESH
SCREEN & CONTAIN NOT MORE THAN
20% BY VOLUME OF ROCK PARTICLES. 95% COMPACTTION.

NOTE: IF NORMAL MATERIAL AT
BOTTOM OF TRENCH IS NOT TYPE
"B", AN ADDITIONAL 3" SHALL BE
EXCAVATED & TYPE "B" BACKFILL PROVIDED

CONCRETE - 3" ENCASEMENT,
3000 PSI COMPRRESSIVE STRENGTH
AT 28 DAYS.

NOTES FOR WATER FACILITIES CROSSING
1. THE CONTRACTOR SHALL VERIFY IN THE FIELD THE LOCATION OF THE EXISTING WATER
FACILITIES PRIOR TO TRENCHING. EXCAVATION AROUND EXISTING WATER FACILITIES
SHALL BE DONE BY HAND.
2. MATERIAL USED FOR BACKFILLING AT THE WATER FACILITIES CROSSINGS SHALL NOT
CONTAIN ANY STONES, ROCKS, OR OTHER SIMILAR MATERIAL AND SHALL NOT CONTAIN
VEGETABLE MATTER OR DEBRIS OR ANY KIND. NO "ADOBE", OR SIMILAR MATERIAL
SHALL BE USED.
3. PROVIDE CONCRETE ENCASEMENT FOR THE CONDUITS AT ALL WATERLINE, SERVICE
LATERAL, AND FIRE HYDRANT CROSSINGS. THE CONTRACTOR SHALL NOTIFY THE
DEPARTMENT OF WATER AT LEAST 24-HOURS PRIOR TO SCHEDULING BACKFILLING
OPERATIONS AT THE WATER FACILITIES CROSSINGS.

ELECTRICAL DETAILS
HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 057001
Scale As Noted
Date June 2014

STP 057001

Sheet No. 12 OF 16 SHEETS
BACKFILL NOTES:

TYPE "A" BACKFILL - EARTH & GRAVEL.
ROCK SIZE TO BE 1" MAX. THE MIXTURE
TO CONTAIN NOT MORE THAN 50% BY
VOLUME OF ROCK PARTICLES. 95% COMPACTION.

TYPE "B" BACKFILL - EARTH & GRAVEL
MIXTURE MUST PASS A 1/2" MESH
SCREEN & CONTAIN NOT MORE THAN
20% BY VOLUME OF ROCK PARTICLES. 95% COMPACTION.

NOTE: IF NORMAL MATERIAL AT
BOTTOM OF TRENCH IS NOT TYPE
"B", AN ADDITIONAL 3" SHALL BE
EXCAVATED & TYPE "B" BACKFILL
PROVIDED.

CONCRETE - 3" ENCASEMENT,
3000 psi COMPRESSIVE STRENGTH
AT 28 DAYS.

WATER NOTES:

1. THE CONTRACTOR SHALL VERIFY IN THE FIELD THE LOCATION OF THE EXISTING WATER
   FACILITIES PRIOR TO TRENCHING. EXCAVATION AROUND EXISTING WATER FACILITIES
   SHALL BE DONE BY HAND.

2. MATERIAL USED FOR BACKFILLING AT THE WATER FACILITIES CROSSINGS SHALL NOT
   CONTAIN ANY STONES, ROCKS, OR OTHER SIMILAR MATERIAL AND SHALL NOT CONTAIN
   VEGETABLE MATTER OR DEBRIS OR ANY KIND. NO "ADOBE" OR SIMILAR MATERIAL
   SHALL BE USED.

3. PROVIDE CONCRETE ENCASEMENT FOR THE CONDUITS AT ALL WATERLINE, SERVICE
   LATERAL, AND HYDRANT CROSSINGS. THE CONTRACTOR SHALL NOTIFY THE
   DEPARTMENT OF WATER AT LEAST 24-HOURS PRIOR TO SCHEDULING BACK FILLING
   OPERATIONS AT THE WATER FACILITIES CROSSINGS.

DEPARTMENT OF WATER
COUNTY OF KAUAI

APPROVED: 9/24/14
ENGINEER DEPT. OF WATER

ELECTRICAL DETAILS

HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 0572001

Sheets As Noted

SHEET 145A OF 16 SHEETS
TOP PLAN (Cast-in-Place)

FLOOR PLAN (Cast-in-Place)

SECTION "A-A" (Cast-in-Place)

DUCT ENTRANCE DETAILS

HTEL STANDARD HANDBOILE TYPE I
USING 435TB PULLBOX COVERS

4 DUCTS

ELECTRICAL DETAILS

COUNTY OF KAHULI
DEPARTMENT OF PUBLIC WORKS
BUILDING DIVISION

HARDY STREET IMPROVEMENTS
Federal Aid Project No. STP 0572001
Scale As Noted
Date: June 2004

Sheet No. 147 of 18 SHEETS
**ELEVATION OF INSIDE WALLS - HH, TYPE 1**

**DETAIL "A"**

**DETAIL "B"**

**SECTION "C-C"**

**SECTION "D-D"**

**GENERAL NOTES**

1. CONC. FINISH: FLOOR-WOOD FLOAT FINISH-EXPOSED WALL SURFACES AND EDGES SMOOTH AND FREE FROM DEFECTS.
2. CONC. TO DEVELOP COMpressive STRENGTH-300 PSI IN 28 DAYS.
3. STEEL WORK ALL STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
4. FOR DUCT LINE CONSTRUCTION STANDARDS, SEE STG. DWG NO.3028. THESE HANDHOLES ARE DESIGNED FOR INSTALLATION IN AREAS OTHER THAN ROADWAYS.
5. MAX. LOADING FOR HANDHOLE W/435TB CHECKERED STEEL PLATE COVERS IS 4,300 LBS.
6. SECTION "B-B" IS A 2 SECTION PRECASTED HANDHOLE WHICH MAY BE USED IN PLACE OF SECTION "A-A" (TYPE 4) HANDHOLES. THE 2 SECTIONS SHALL BE BONDED WITH A MASTIC WHEN INSTALLED TO PREVENT WATER ENTRY.