

4CI ENGINEERING

A DIVISION OF HABERER CARP

USA ENTERPRISES - CUP
5255 E. 48TH AVE.
FOR
USA ENTERPRISES
E. 48TH AVE., COMMERCE CITY CO 80022
PIN: 182318401005

ISSUE DATE

1ST CUP SUB 02.09.2015

2ND CUP SUB 07.30.2015

3RD CUP SUB 09.14.2015

FINAL SUB 11.11.2015

DRAWN BY CHK BY
JIM CCH

PLOT DATE: 12/14/15

LANDSCAPE PLAN

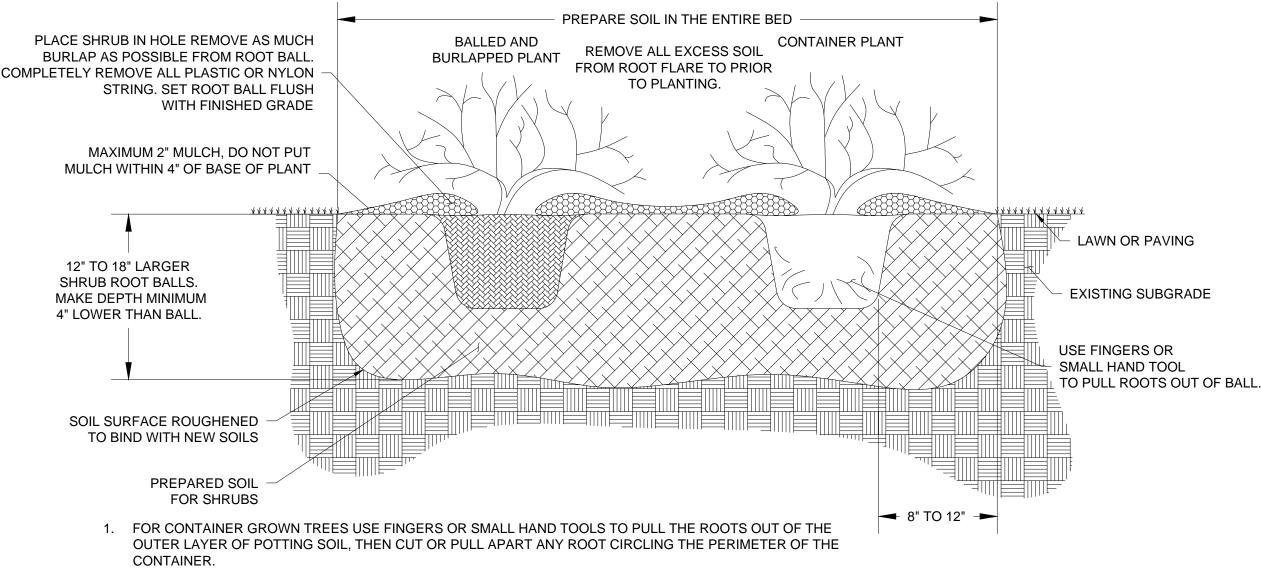
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LANDSCAPE NOTES:

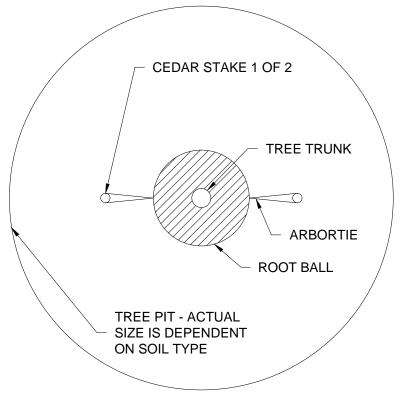
- a. MINIMUM PLANT SIZE REQUIREMENTS AND SOIL PREPARATION: MINIMUM PLANT SIZE REQUIREMENT ARE 2-INCH DIAMETER (CALIPER) FOR DECIDUOUS TREES, 1.5-INCH DIAMETER FOR ORNAMENTAL TREES AND 6-FOOT HEIGHT FOR EVERGREEN TREES. MINIMUM SIZE REQUIREMENT FOR SHRUBS IS #5 GALLON CONTAINER; ORNAMENTAL GRASSES ONE GALLON CONTAINER; PERENNIALS AND GROUND COVERS 2 ¼ POTS. PLANTS SHOULD BE MIXED APPROXIMATELY 50% CONIFEROUS (EVERGREEN) AND 50% DECIDUOUS (TREE LAWN AREAS BETWEEN CUBS AND DETACHED WALKS SHALL BE ALL DECIDUOUS SHADE TREES). MINIMUM SOIL PREPARATION FOR PLANTING SHALL BE 5 CUBIC YARDS OF ORGANIC SOIL AMENDMENT TILLED TO A DEPTH OF 6 INCHES FOR EVERY 1,000 S.F. OF LANDSCAPE AREA.
- b. STREET TREES: THE DEPARTMENT OF COMMUNITY PLANNING AND DEVELOPMENT SERVICES HAS IDENTIFIED SPECIFIC DECIDUOUS TREE SPECIES TO BE PLANTED WITHIN TREE LAWN AREA. ALL TREES CHOSEN FOR TREE LAWN APPLICATIONS MUST BE SELECTED FROM THE APPROVED CITY LIST.
- c. WEED BARRIER: POROUS WEED FABRIC MUST BE USED IN PLANTED BEDS FOR WEED PREVENTION, BECAUSE IT ALLOWS VENTILATION FOR ROOTS AND TRANSMISSION OF WATER. PLASTIC WEED BARRIERS IN ANY PLANTED AREA WILL NOT BE APPROVED.
- d. EDGING: PLASTIC OR FIBERGLASS EDGING IS FAVORABLE TO METAL. HOWEVER, METAL EDGING MAY BE USED PROVIDED IT HAS A ROLLOVER TOP OR A PROTECTIVE CAP IS INSTALLED.

e. MAINTENANCE:

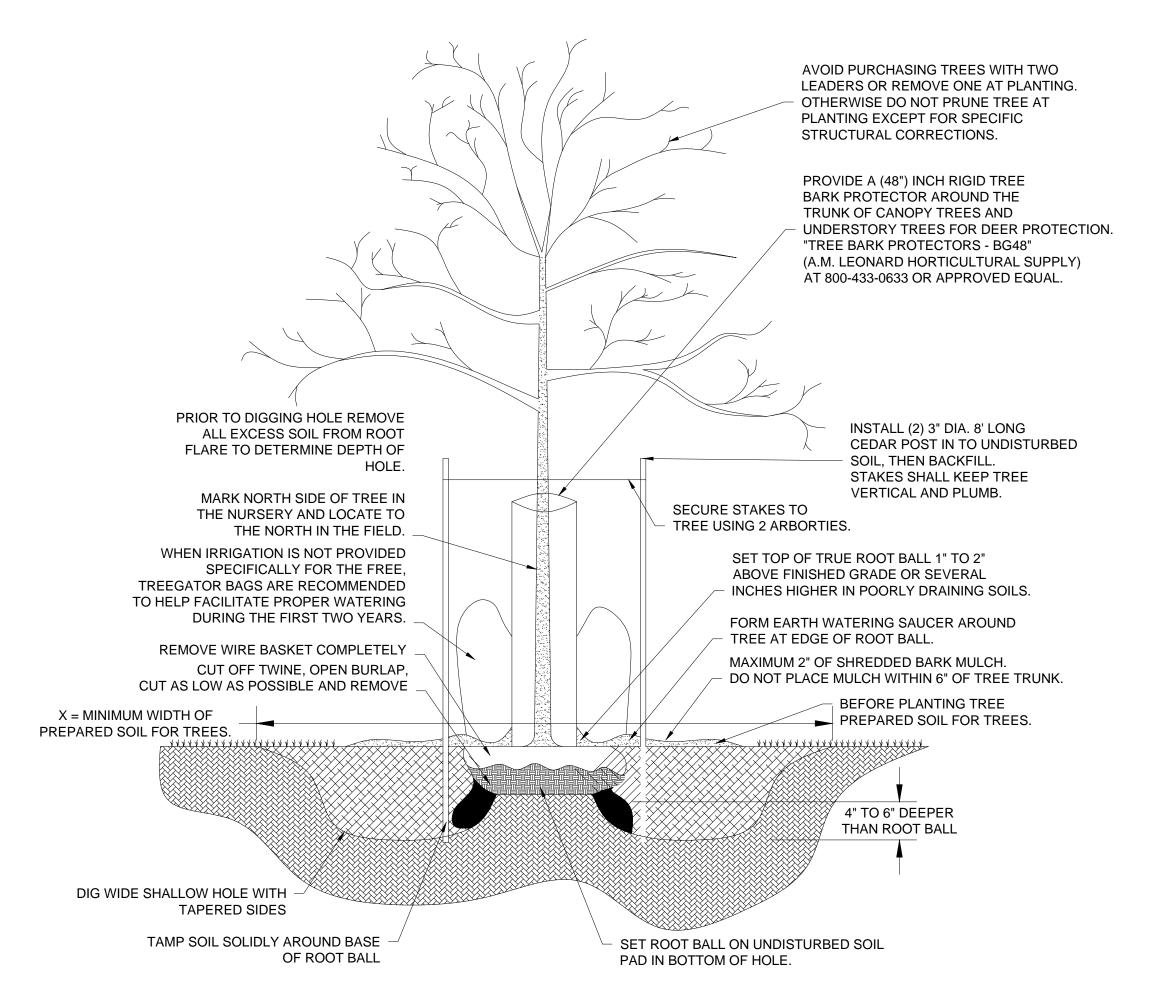
- 1. THE DEVELOPER, HIS SUCCESSORS AND ASSIGNS SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REPLACEMENT OF ALL LANDSCAPING MATERIALS SHOWN OR INDICATED ON THE APPROVED SITE PLAN, DEVELOPMENT PLAN, OR LANDSCAPE PLAN, INCLUDING THOSE AREAS FOUND IN THE RIGHT-OF-WAY.
- 2. LANDSCAPING SHALL BE CONTINUOUSLY MAINTAINED INCLUDING NECESSARY WATERING, WEEDING, PRUNING, PEST CONTROL, AND REPLACEMENT OF DEAD OR DISEASED PLANT MATERIAL. REPLACEMENT FOR DEAD OR DISEASED PLANT MATERIAL SHALL BE OF THE SAME TYPE OF PLANT MATERIAL AS SET FORTH IN THE APPROVED SITE PLAN; FOR EXAMPLE, A TREE MUST REPLACE A TREE, A SHRUB MUST REPLACE A SHRUB, ETC. REPLACEMENT SHALL OCCUR IN THE NEXT PLANTING SEASON, BUT IN A NY EVENT, SUCH REPLACEMENT TIME SHALL NOT EXCEED ONE (1) YEAR.
- 3. THE APPROVED SITE PLAN, DEVELOPMENT PLAN, OR LANDSCAPE PLAN SHALL BE ON FILE IN THE PLANNING DEPARTMENT. ALL LANDSCAPING WILL BE INSTALLED AS DELINEATED ON THE PLAN, PRIOR TO ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY.
- f. SIGHT LINE CONSIDERATIONS: ANY AREA DETERMINED BY THE CITY ENGINEER TO BE WITHIN A SIGHT-DISTANCE-TRIANGLE MAY NOT CONTAIN PLANT MATERIAL THAT AT THE TIME OF PLANTING OR AT MATURITY EXCEEDS 36 INCHES ABOVE THE GUTTER FLOW LINE EXCEPT TREES WHICH MUST BE LIMBED TO 8 FEET AT ADEQUATE MATURITY. TREES SHALL BE PLANTED A MINIMUM OF TEN FEET FROM INTERSECTIONS AND FIFTEEN FEET FROM LIGHT OR UTILITY POLES. ALL OTHER LANDSCAPE FEATURES SHALL NOT EXCEED 36 INCHES WITHIN SIGHT-DISTANCE-TRIANGLES. INFORMATION ON SIGHT DISTANCE TRIANGLES MAY BE OBTAINED FROM THE CITY OF COMMERCE CITY ENGINEERING STANDARDS AND SPECIFICATIONS-SECTION 3.03.2 TABLE 3-1.
- g. IMPLEMENTATION AND COORDINATION OF LANDSCAPE PLAN: THE DEVELOPER SHALL ENSURE THAT THE LANDSCAPE PLAN IS CLOSELY COORDINATED WITH PLANS PREPARED BY OTHER CONSULTANTS SO THAT THE PROPOSED GRADING, STORM DRAINAGE OR OTHER CONSTRUCTION DOES NOT CONFLICT WITH OR PRECLUDE THE INSTALLATION AND MAINTENANCE OF LANDSCAPE ELEMENTS AS DESIGNATED ON THE LANDSCAPE PLAN.
- h. IRRIGATION: ALL LANDSCAPED AREA AND PLANT MATERIALS, EXCEPT FOR NON-IRRIGATED NATIVE, RESTORATIVE, AND DRY LAND GRASS AREAS MUST BE WATERED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. IRRIGATION SYSTEM DESIGN, INSTALLATION, OPERATION, AND MAINTENANCE SHALL CONFORM TO THE REQUIREMENTS OF SOUTH ADAMS COUNTY WATER AND SANITATION DISTRICT. APPROVAL OF THIS LANDSCAPE PLAN DOES NOT CONSTITUTE APPROVAL FROM SOUTH ADAMS COUNTY WATER AND SANITATION DISTRICT FOR ANY IRRIGATION SYSTEM. ALL IRRIGATION PLANS, OR PORTIONS THEREOF, DESIGNED FOR PUBLIC RIGHT-OF-WAYS SHALL SPECIFY PARTS/COMPONENTS FROM THE CITY APPROVED IRRIGATION PARTS/COMPONENT LIST.
- i. NATIVE GRASS NOTE: ALL AREAS OF THE LOT NOT PAVED OR FORMALLY LANDSCAPED SHALL BE, AT A MINIMUM, SEEDED WITH NATIVE GRASSES.
- j. VEHICLE PARKING NOTE: NO VEHICLE PARKING IS ALLOWED IN ANY LANDSCAPE TREATMENT AREA.



- 2. INCORPORATE COMMERCIALLY PREPARED MYCORRHIZAE SPORES AND FERTILIZER TABLETS IN THE SOIL
- IMMEDIATELY AROUND THE ROOT BALL AT RATE SPECIFIED BY THE MANUFACTURER. 3. PRIOR TO INSTALLATION CONFIRM THE SOILS WILL DRAIN PROPERLY. IF NECESSARY PROVIDE PROPER
- 4. THOROUGHLY SOAK THE ROOT BALL AND THE ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS.
 - SHRUB PLANTING DETAIL



PLAN VIEW - NOT TO SCALE



- FOR CONTAINER GROWN TREES USE FINGERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER
- LAYER OF POTTING SOIL, THEN CUT OR PULL APART ANY ROOT CIRCLING THE PERIMETER OF THE CONTAINER. INCORPORATE COMMERCIALLY PREPARED MYCORRHIZAE SPORES AND FERTILIZER TABLETS IN THE SOIL
- IMMEDIATELY AROUND THE ROOT BALL AT RATE SPECIFIED BY THE MANUFACTURER.
- 3. PRIOR TO THE INSTALLATION CONFIRM THE SOILS WILL DRAIN PROPERLY. IF NECESSARY PROVIDE PROPER DRAINAGE.
- 4. THOROUGHLY SOAK THE ROOT BALL AND THE ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO GROWING SEASONS. WHEN IRRIGATION IS NOT PROVIDED SPECIFICALLY FOR THE TREE, IT IS RECOMMENDED THAT GATOR BAGS ARE USED TO HELP FACILITATE THE PROPER AMOUNT AND RATE OF WATER ARE ACHIEVED. GATOR BAGS SHALL BE INSTALLED AT THE BEGINNING OF EACH GROWING SEASON AND REMOVED EACH FALL. THIS WILL ALLOW FOR THE AREA BENEATH THE GATOR BAG TO DRY OUT REDUCING THE GROWTH OF FUNGUS AND REMOVE POSSIBLE HIDING SPOTS FOR RODENTS. THE GATOR BAGS WILL BE REMOVED AT THE END OF THE SECOND GROWING SEASON UNLESS OTHERWISE ADVISED.

DECIDUOUS TREE PLANTING DETAIL

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CITY COUNCIL CERTIFICATE:	
APPROVED BY THE CITY COUNCIL OF COMMERCE C, A.D,	ITY, TH
CITY SIGNATURE	

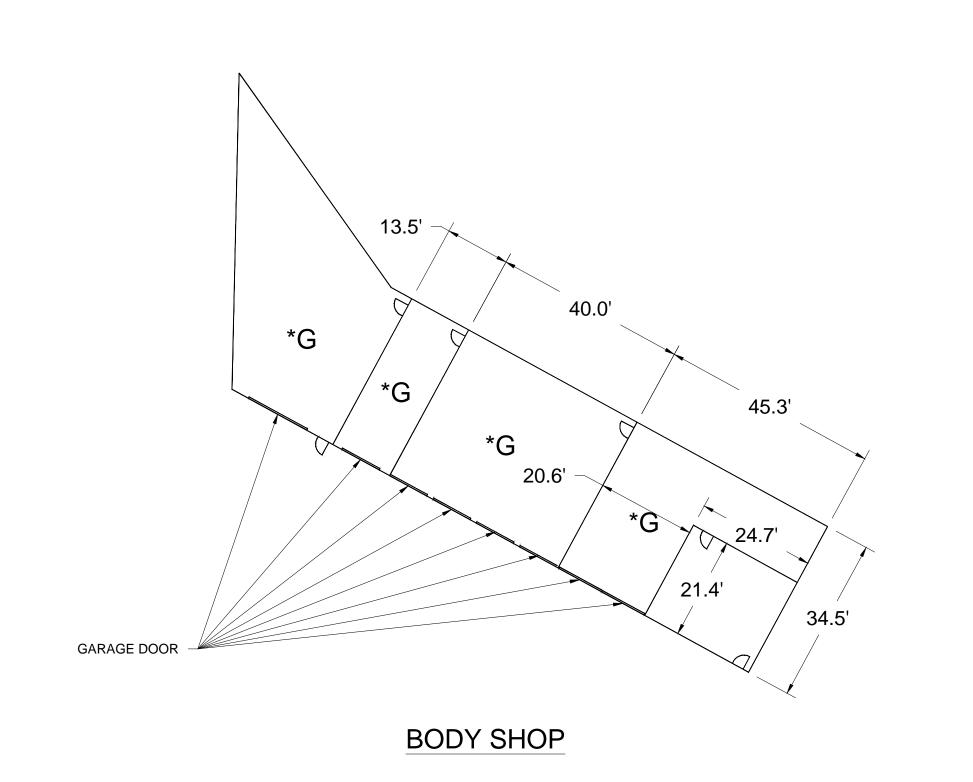
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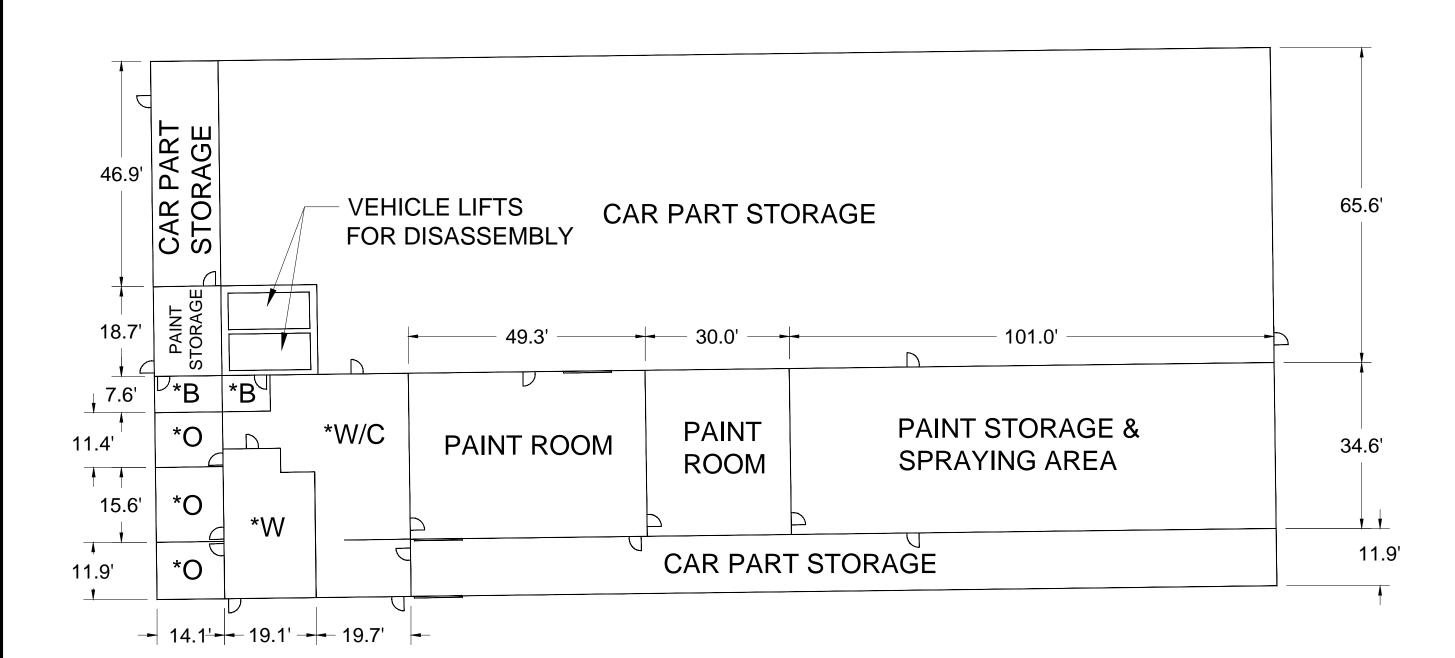
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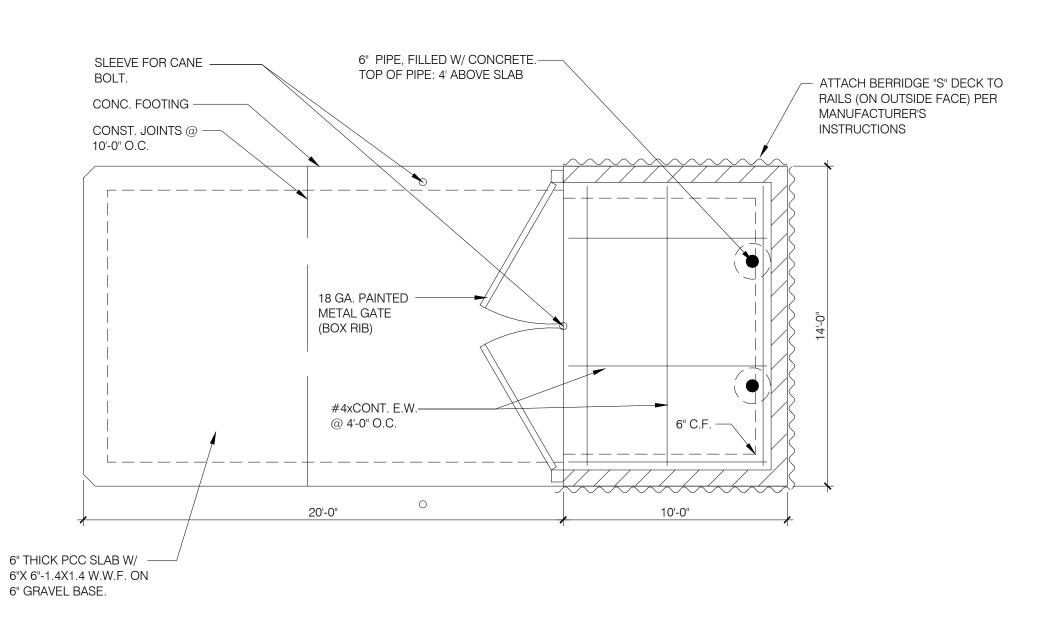
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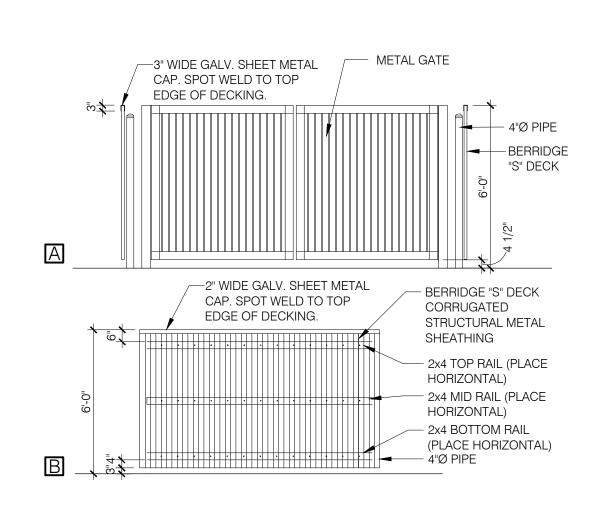
DETAILS

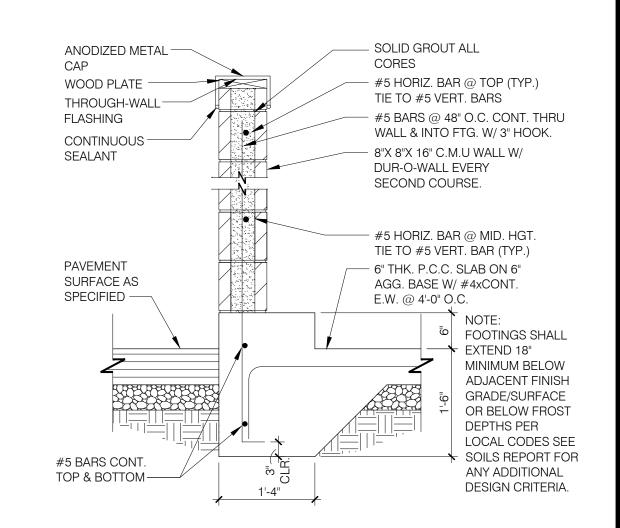


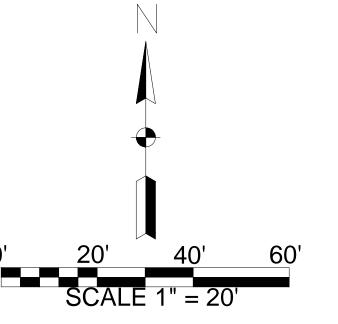


O = OFFICE
B = BATHROOM
W = WAITING / LOUNGE ROOM
W/C = WATING ROOM & COUNTER
G = GARAGE FOR PERFORMING CAR
MAINTENANCE, REPAIR, AND
DETAILING









PIN #: 182318401005

CITY COUNCIL CERTIFICATE:

APPROVED BY THE CITY COUNCIL OF COMMERCE CITY, THIS

_____DAY OF _______, A.D._____

CITY SIGNATURE

HCI ENGINEERING

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FLOOR PLANS & TRASH ENCLOSURE DETAIL