

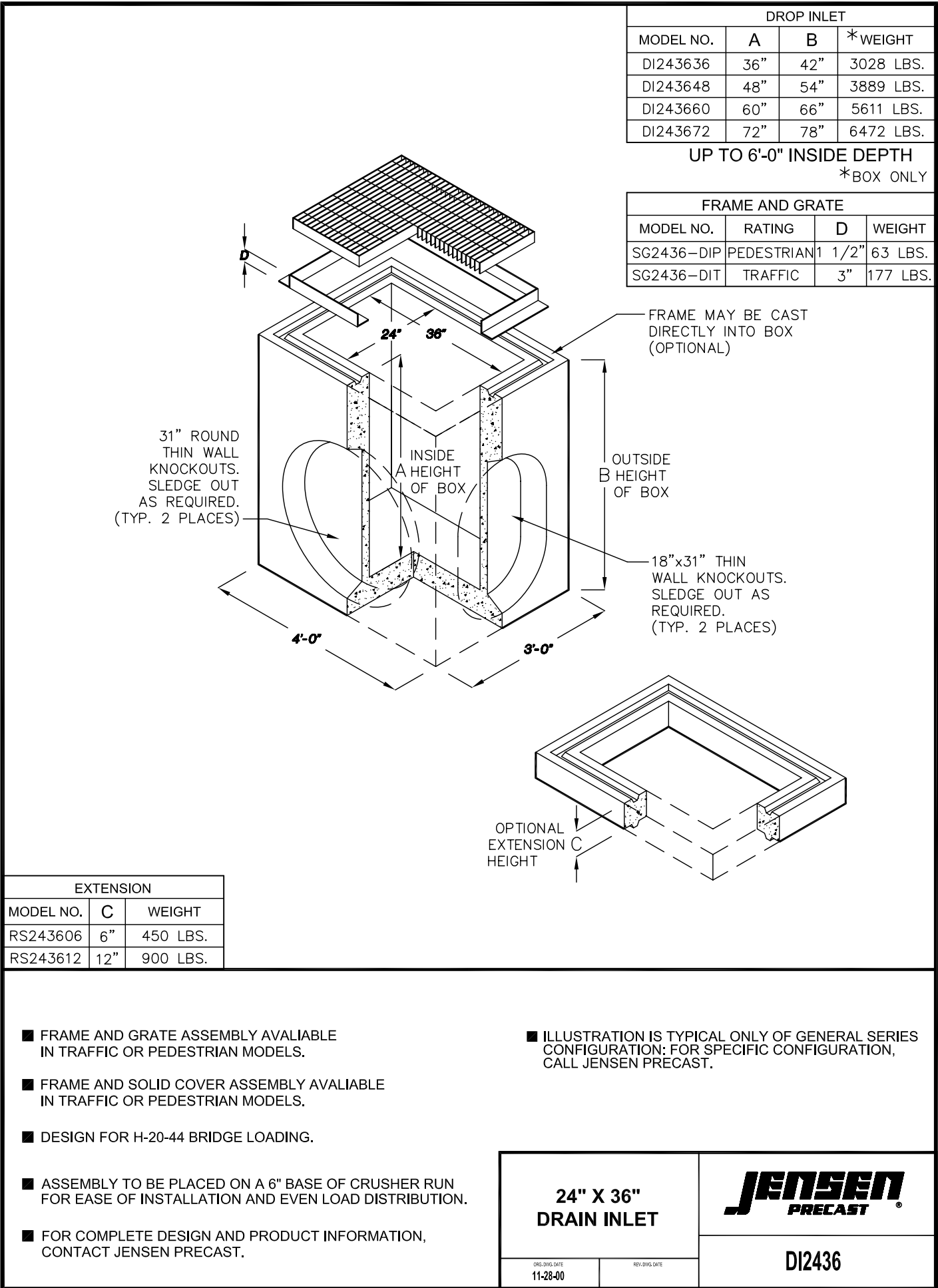
GENERAL NOTES:

- THE GRADING SHOWN HEREON SHALL BE DONE IN COMPLIANCE WITH CHAPTER 70 OF UNIFORM BUILDING CODE, AND ALL APPLICABLE ORDINANCES OF THE CITY AND COUNTY OF LOS ANGELES AND THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS" CONSTRUCTION", LATEST EDITION.
- FORM B-164 (GENERAL SPECIFICATIONS) SHALL BE ATTACHED TO EACH SET OF PLANS AND SHALL BECOME A PART OF THESE PLANS.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED ON-SITEAND OFF-SITE PERMITS BEFORE STARTING WORK.
- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL CONDITIONS PRIOR TO BIDDING THE WORK.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE JOB SITE PRIOR TO THE START OF CONSTRUCTION AND THE ARCHITECT/ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY ERRORS OR CONFLICTS BEFORE PROCEEDING WITH THE WORK.
- NO WORK WHATSOEVER SHALL BE STARTED IN OR ABOUT A GRADING PROJECT WITHOUT FIRST NOTIFYING THE GRADING INSPECTOR.
- NO GRADING WORK, INCLUDING IMPORT AND EXPORT, SHALL BE DONE BETWEEN THE HOURS OF 7:00 PM AND 6:00 AM MONDAY THRU FRIDAY. WORK ON SATURDAY SHALL BE FROM 8:00 AM TO 6:00 PM. NO WORK ON SUNDAY AT ANY TIME.
- THE CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR LOCATION OF ALL IMPROVEMENTS AND ADDITIONAL DETAIL REFERENCES NOT SHOWN ON THE GRADING PLAN.
- EARTHWORK OPERATIONS SHALL BE COORDINATED WITH THE STRUCTURAL SUPPORT OF PAYEMENTS, SLABS, WALLS, BUILDING AND OTHER STRUCTURES EITHER ON OR OFF THE SITE. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROTECT AND/OR REPAIR AT HIS EXPENSE, ALL PROPERTY DAMAGED DURING CONSTRUCTION AND IT SHALL BE CORRECTED PRIOR TO FINAL APPROVAL OF THE BUILDING CONSTRUCTION.
- FILL AREAS SHALL BE CLEARED OF ANY VEGETATION AND DEBRIS, SCARIFIED, SUBGRADE PREPARED PER THE RECOMMENDATIONS OF THE SOILS ENGINEER AND THE GRADING INSPECTOR OF THE DEPARTMENT OF BUILDING AND SAFETY.
- NO ROCKS OR LUMPS WITH GREATER THAN 3 INCH DIAMETER SHALL BE PLACED IN THE FILL UNLESS SUCH PLACEMENT IS APPROVED BY THE SOILS ENGINEER AND THE GRADING INSPECTOR.
- ALL GRADED SITES MUST HAVE DRAINAGE SWALES, BERMS AND OTHER DRAINAGE DEVICES IN PLACE AT THE ROUGH GRADING STAGE.
- PROVISIONS FOR CONTRIBUTORY DRAINAGE SHALL BE MADE AT ALL TIMES.
- AN EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE CITY ENGINEER PRIOR TO START OF THE RAINY SEASON AND ALL EROSION CONTROL DEVICES SHALL BE INSTALLED BETWEEN OCTOBER 1ST AND APRIL 15 OF THE FOLLOWING YEAR.
- OWNER SHALL KEEP THE CONSTRUCTION AREA SUFFICIENTLY DAMPENED TO CONTROL DUST CAUSED BY GRADING AND CONSTRUCTION. OWNER SHALL, AT ALL TIMES PROVIDE REASONABLE CONTROL OF DUST CAUSED BY WIND.
- APPROVAL REQUIRED BY THE DEPARTMENT OF PUBLIC WORKS FOR ALL WORK FOR ALL WORK IN OR ADJACENT TO THE STREET.
- REMOVAL OF EXISTING PUBLIC IMPROVEMENTS SHALL BE TO EXISTING SCORE LINES AS DIRECTED BY THE PUBLIC WORKS INSPECTOR.
- ALL JOIN LINES SHALL BE TO EXISTING EXPANSION JOINTS OR TO LINES SAW CUT BY THE CONTRACTOR. CONTRACTOR SHALL MATCH ELEVATION OF EXISTING IMPROVEMENTS AT JOIN LINES WITHIN PUBLIC RIGHT-OF-WAY.
- WORK WITHIN PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED UNDER A SEPARATE PERMIT.
- ALL LINE AND GRADE STAKING FOR THE PROJECT SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR OR A REGISTERED ENGINEER OF THE STATE OF CALIFORNIA WHO IS PERMITTED BY LAW TO PRACTICE LAND SURVEYING.
- STRAIGHT GRADES SHALL BE RUN BETWEEN INDICATED FINISH GRADE ELEVATIONS.
- FINISH GRADE STAKES SHALL BE SET AT 25 FOOT INTERVALS FOR ALL CONCRETE GUTTERS FLATTER THAN 1% ALL GUTTERS SHALL BE FLOOD TESTED AND NO PONDING WILL BE ALLOWED.
- MAXIMUM COMPACTED SLOPES SHALL BE 2:1 FOR CUT AND FILL.
- PADS AT ROUGH GRADING SHALL HAVE A MINIMUM SLOPE OF 1% FUTURE BUILDING PADS SHALL HAVE A MINIMUM SLOPE OF 1% DIRECTED AWAY FROM THE STREET.
- ALL RECOMMENDATIONS AND CONDITIONS OF THE SOILS REPORT PREPARED BY SALEM ENG. GROUP, INC. DATED OCTOBER 15, 2003 SHALL BE CONSIDERATED A PART OF THIS GRADING PLAN AND SHALL BE COMPLIED WITHH.
- IMPORT MATERIALS SHALL BE TESTED AND CERTIFIED BY THE SOILS ENGINEER PRIOR TO IMPORT TO THE SITE.
- ALL FILL OR BACKFILL WILL BE COMPACTED BY MECHANICAL MEANS TO NOT LESS THAN 95% OF RELATIVE COMPACTION AS DETERMINED BY A.S.T.M. METHOD D1557. SUBDRAINS SHALL BE PROVIDED WHERE REQUIRED BY CODE.
- THE SOILS ENGINEER SHALL PROVIDE SUFFICIENT INSPECTIONS DURING THE PREPARATION OF THE NATURAL GROUND AND THE PLACEMENT AND COMPACTION OF THE FILL TO BE SATISFIED THAT THE WORK IS BEING PERFORMED IN ACCORDANCE WITH THE PLAN AND APPLICABLE CODE REQUIREMENTS.
- THE SOILS ENGINEER SHALL COMPLY WITH RGA-4-67 AND 5-67 AND SHALL PROVIDE THE DEPARTMENT WITH A GRADING CERTIFICATION UPON COMPLETION OF THE JOB.
- INSPECTIONS OF EXCAVATION AND FILLS

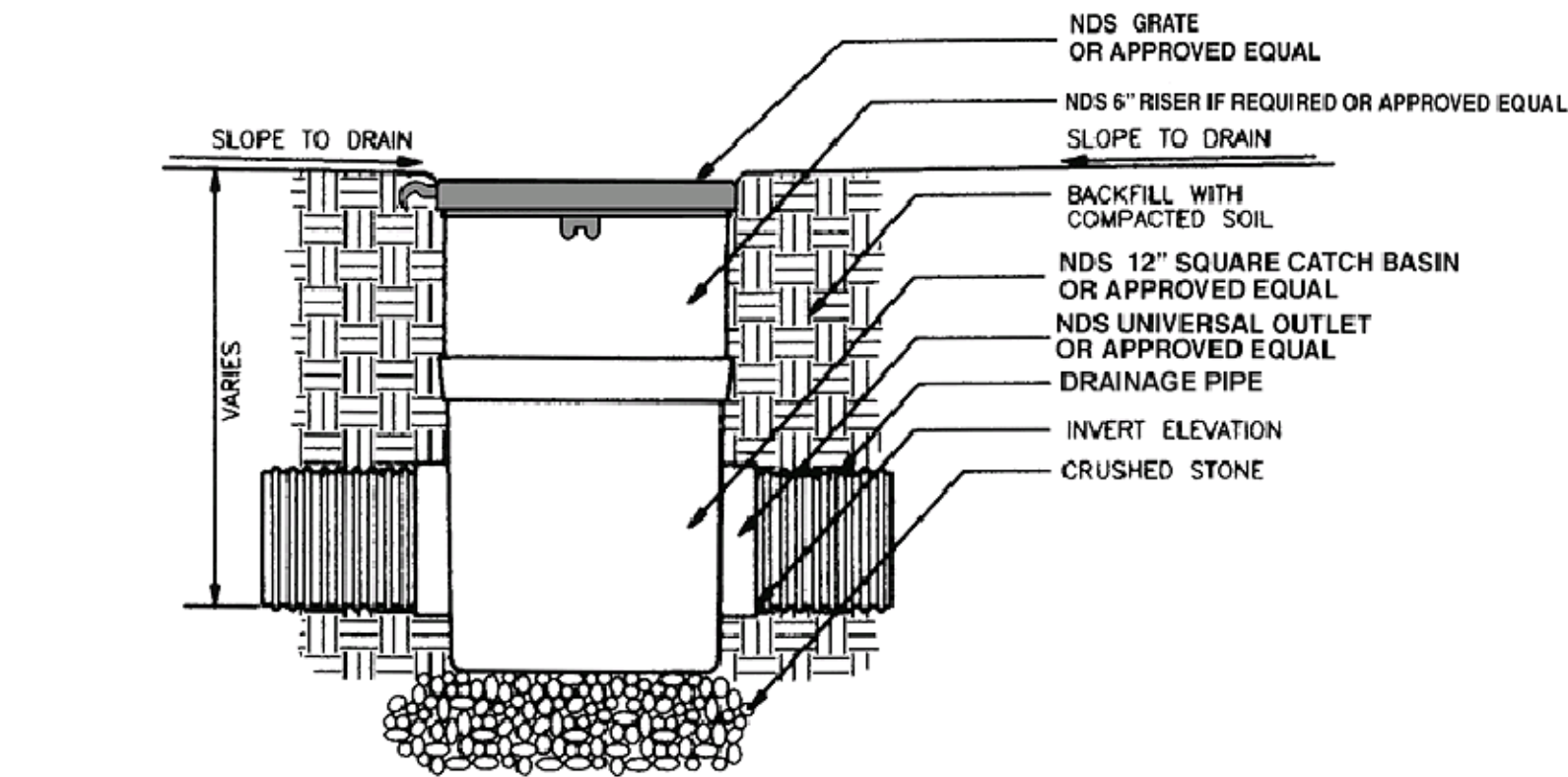
- THE PERMITTEE OR HIS AGENT SHALL NOTIFY THE SUPERINTENDENT OF BUILDING WHEN THE GRADING OPERATION IS READY FOR EACH OF THE FOLLOWING INSPECTIONS:
- INSPECTION: WHEN THE PERMITTEE IS READY TO BEGIN WORK, BUT BEFORE ANY GRADING OR BRUSHING IS STARTED.
- B. TOE INSPECTION: AFTER THE NATURAL GROUND IS EXPOSED AND PREPARED TO RECEIVE FILL, BUT BEFORE ANY FILL IS PLACED.
- C. EXCAVATION INSPECTION: AFTER THE EXCAVATION IS STARTED, BUT BEFORE THE VERTICAL DEPTH OF THE EXCAVATION EXCEEDS TEN FEET.
- D. FILL INSPECTION: AFTER THE FILL EMPLACEMENT IS STARTED, BUT BEFORE THE VERTICAL HEIGHT OF THE LIFTS EXCEEDS TEN FEET.
- E. DRAINAGE DEVICE INSPECTION: AFTER FORMS AND PIPE ARE IN PLACE, BUT BEFORE ANY CONCRETE IS PLACED.
- F. ROUGH GRADING: WHEN ALL ROUGH GRADING HAS BEEN COMPLETED. THIS INSPECTION MAY BE CALLED FOR BY THE COMPLETION OF THE ROUGH GRADING WITHOUT THE NECESSITY OF THE DEPARTMENT HAVING PREVIOUSLY REVIEWED AND APPROVED THE REPORTS.
- G. FINAL: WHEN ALL WORK, INCLUDING INSTALLATION OF ALL DRAINAGE STRUCTURES AND OTHER PROTECTIVE DEVICES, HAS BEEN COMPLETED AND THE AS-GRADED PLAN AND REQUIRED REPORTS HAVE BEEN SUBMITTED.
32. ALL CONCENTRATED DRAINAGE, INCLUDING ROOF WATER, SHALL BE CONDUCTED VIA GRAVITY, TO THE STREET OR AN APPROVED ,OCATION AT 2% MINIMUM DRAINAGE TO BE SHOWN ON PLANS
33. THE SOILS ENGINEER IS TO APPROVE THE KEY OR BOTTOM AND LEAVE A CERTIFICATE ON THE SITE FOR THE GRADING INSPECTOR. THE GRADING INSPECTOR IS TO BE NOTIFIED BEFORE ANY GRADING BEGINS AND, FOR BOTTOM INSPECTION, BEFORE FILL IS PLACED. FILL MAY NOT BE PLACED WITHOUT THE APPROVAL OF THE GRADING INSPECTOR.

ADDITIONAL SOILS NOTES:

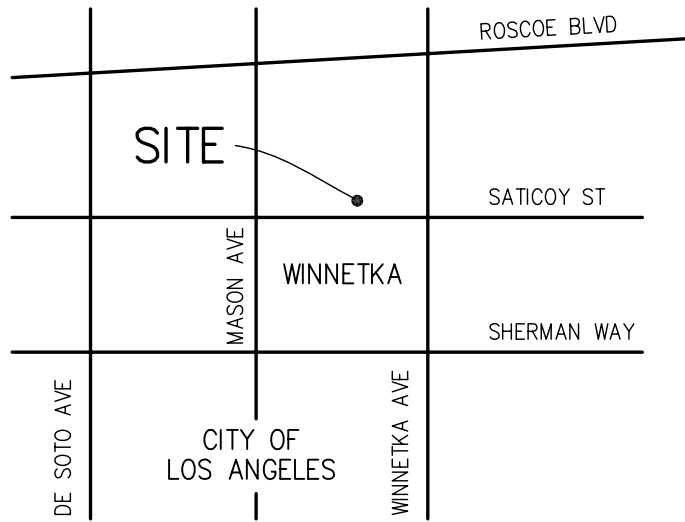
- SPECIAL PROVISIONS SUCH AS FLEXIBLE SWING JOINTS SHALL BE MADE FOR BURIED UTILITIES AND DRAIN LINES TO ALLOW FOR DIFFERENTIAL VERTICAL DISPLACEMENT.
- ALL MAN-MADE FILL SHALL BE COMPACTED TO A MINIMUM 95% OF THE MAXIMUM DRY DENSITY OF THE FILL MATERIAL PER THE LATEST VERSION OF ASTM D-1557.
- WHERE COHESIONLESS SOIL HAVING LESS THAN 15% FINER THAN 0.005 MILLIMETERS IS USED FOR FILL, IT SHALL BE COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION BASED ON MAXIMUM DRY DENSITY.
- COMPACTED FILL SHALL EXTEND BEYOND THE FOOTINGS A MINIMUM DISTANCE EQUAL TO THE DEPTH OF THE FILL BELOW THE BOTTOM OF THE FOOTINGS OR A MINIMUM OF 5 FEET, WHICHEVER IS GREATER.
- UNSURCHARGED TEMPORARY EXCAVATION FOR SUBGRADE SHALL BE TRIMMED BACK AT A GRADIENT NOT EXCEEDING 1.5:1 -HORIZONTAL TO VERTICAL--, AS RECOMMENDED.



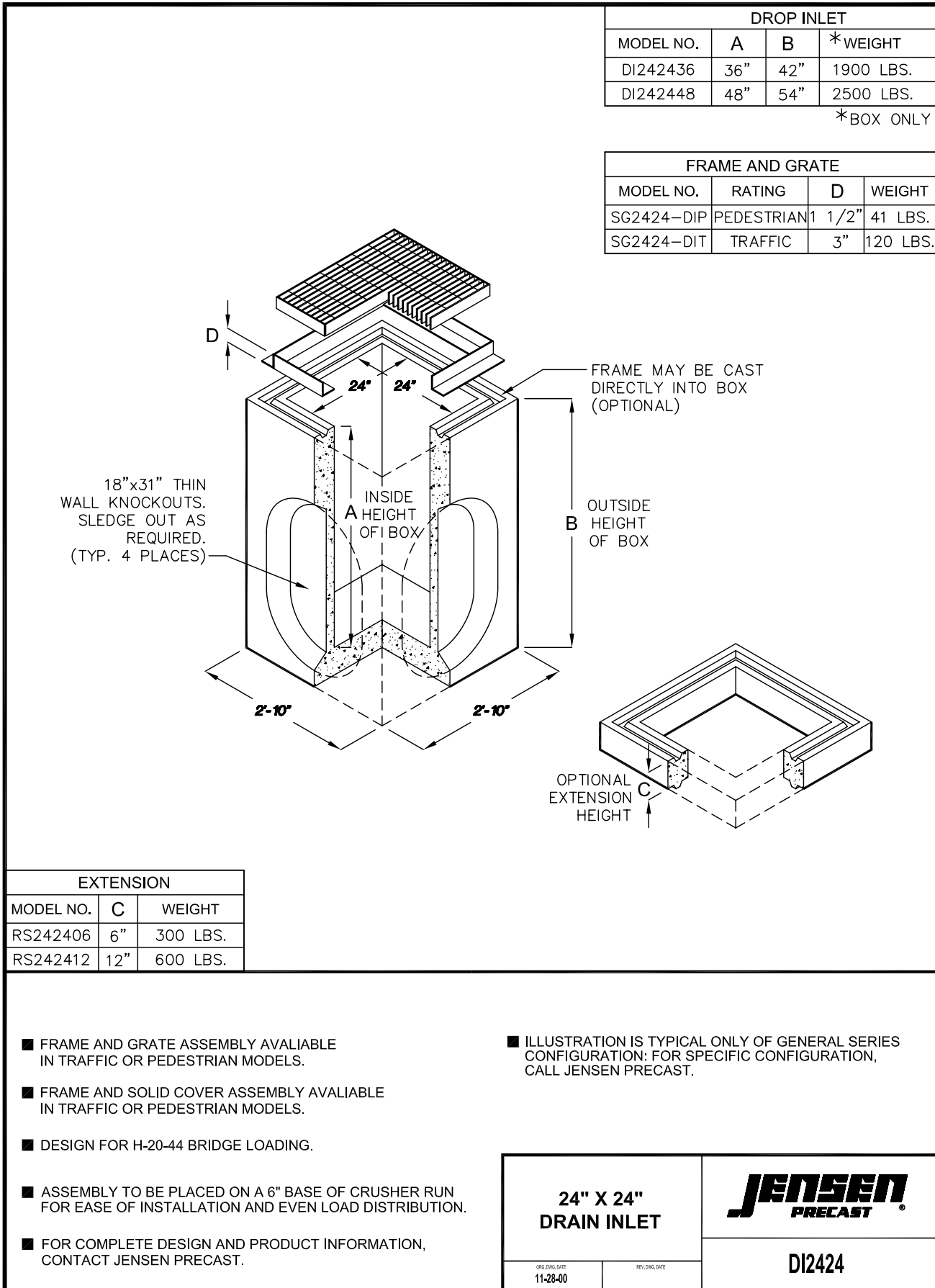
19 24" x 36" DROP INLET



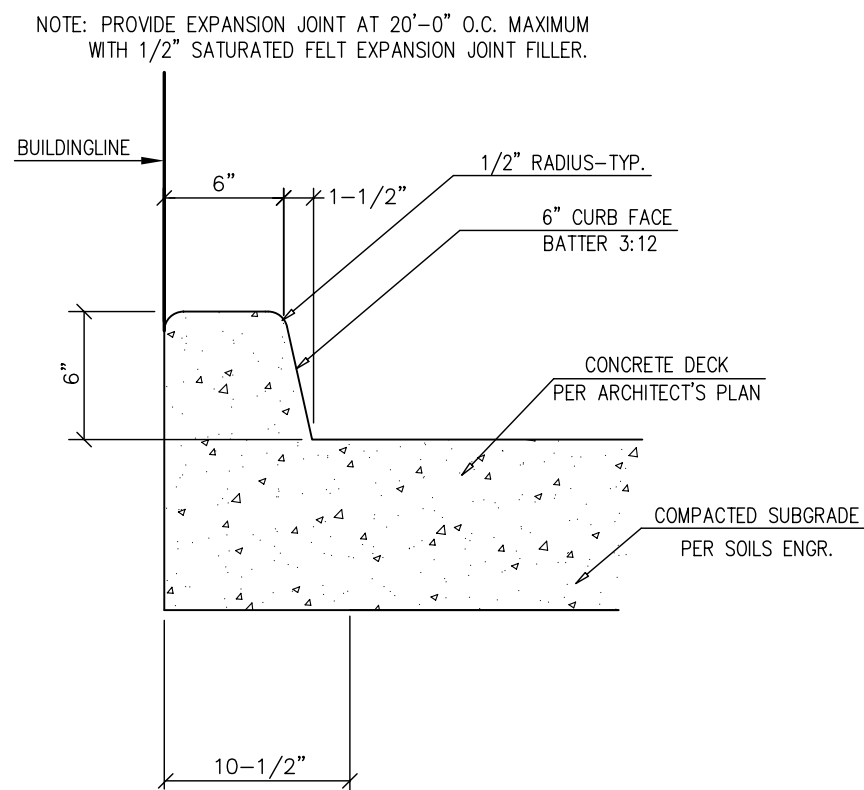
18 NDS GRATE (P/N 1214) WITH NDS SQUARE CATCH BASIN
NOT TO SCALE (IN LANDSCAPE APPLICATION)



VICINITY MAP
NOT TO SCALE



17 24" x 24" DROP INLET



2 CONCRETE CURB

PLOT DATED: 06-23-06

IMPORTANT NOTICE:

SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG.

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS.

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR AND THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS "CONSTRUCTION SAFETY ORDERS."

THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS' AND SUBCONTRACTORS' COMPLIANCE WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR OR WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS "CONSTRUCTION SAFETY ORDERS."

CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

UNAUTHORIZED CHANGES AND USES:

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

THE CONTRACTOR SHALL BE RESPONSIBLE TO REPORT DISCREPANCIES IN PLANS AND/OR FIELD CONDITIONS IMMEDIATELY TO THE DESIGN ENGINEER FOR RESOLUTION PRIOR TO CONSTRUCTION AND SHALL BE RESPONSIBLE FOR DISCREPANCIES NOT SO REPORTED AND RESOLVED.

DISABLED ACCESS NOTES:

- ALL SLOPES SHOWN ON THIS WERE DESIGNED AT OR BELOW MAXIMUMS ALLOWED BY THE AMERICANS WITH DISABILITY ACT ACCESS GUIDE (A.D.A.A.G.) IN ORDER TO ALLOW FOR CONSTRUCTION TOLERANCES. IT IS CONTRACTORS' RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH A.D.A.A.G. AND IN THE EVENT THAT A DESIGN QUESTION SHOULD ARISE, OR A FIELD CONDITION PRESENT ITSELF THAT IS DIFFERENT THAN SHOWN ON THESE PLANS, WORK SHALL CEASE AND THE ENGINEER NOTIFIED SO THAT AN ACCEPTABLE SOLUTION CAN BE DETERMINED.
- THE CONTRACTOR IS ADVISED TO CAREFULLY CHECK ALL PHASES OF WORK RELATING TO A.D.A.A.G. ACCESS FOR THIS PROJECT. SINCE THE CODE DOES NOT ALLOW FOR CONSTRUCTION TOLERANCE, ANY CONSTRUCTION THAT EXCEEDS MAXIMUM OR MINIMUM DIMENSIONS AND SLOPES AS CALLED OUT BY A.D.A.A.G. ARE SUBJECT TO REJECTION BY THE CITY AND MAY BE REQUIRED TO BE REMOVED AND REPLACED.

PUBLIC UTILITIES:

SEWER	DEPARTMENT OF PUBLIC WORKS CITY OF LOS ANGELES 14410 SYLVAN STREET, ROOM 202 VAN NUYS, CA 91401	JACK DAWSON (818) 374-5078
WATER	DEPARTMENT OF WATER AND POWER CITY OF LOS ANGELES ROOM 1425, 111 NORTH HOPE STREET LOS ANGELES, CA 90012	GAYLE GLAUZ (213) 367-1244
POWER	DEPARTMENT OF WATER AND POWER CITY OF LOS ANGELES 7501 TYRONE AVENUE VAN NUYS, CA 91405	GLEN HENDERSON (818) 771-4136
GAS	THE GAS COMPANY 9400 OAKDALE AVENUE CHATS WORTH, CA 91313-2300 SBC	JIM HAMMEL (818) 701-3324
PHONE	16201 RAYMER STREET ROOM NO. 217 VAN NUYS, CA 91406	MIKE SHAFFER (818) 373-8325

FLOOD ZONE C - AREAS OF MINIMAL FLOODING.
MAP NO. 060137-0037C DATE (12-2-80)

PROJECT BENCH MARK:

CITY OF LA BM NO. 07-14342 EL=785.005 (1980ADJ)
WIRE SPK AT SW CORNER SATICOY & OSO (ADD 700 FOR DATUM)

SHEET INDEX:

- C-1 COVER SHEET
- C-2 PRECISE DRAINAGE PLAN
- C-3 DETAIL SHEET
- C-4A EROSION CONTROL COVER SHEET
- C-4B EROSION CONTROL PLAN



SYMBOL TO BE 24" IN DIAMETER
TO BE PLACED ON ALL EXISTING
AND NEW CATCH BASINS.

26 STENCIL DETAIL



PREPARED BY:
DAVID R. GRAY, INC.
3211 CORTE MALPASO, SUITE 401
CAMARILLO, CA 93012
805-987-3945 805-987-1655 FAX

PREPARED FOR:
DAY CONSTRUCTION
10850 WILSHIRE BLVD., SUITE 1050
LOS ANGELES, CA 90024

COVER SHEET
20223-20237 SATICOY STREET, WINNETKA
PORTION OF LOTS 69 & 70, TRACT NO. 5252, M.B. 58-42
IN THE CITY & COUNTY OF LOS ANGELES, STATE OF CALIFORNIA

NO.	DATE	DESCRIPTION OF REVISION

C-1

JOB NO. 0367
NOVEMBER 2003
LA 530-D4