

EROSION CONTROL PLAN KEYNOTES

- TEMPORARY INLET PROTECTION
- TEMPORARY CONSTRUCTION FENCE. CONTRACTOR TO TAKE CARE AND PROTECT
- EXISTING TREE ROOTS WHILE INSTALLING FENCE POSTS.
- TEMPORARY CONSTRUCTION ENTRANCE
- TEMPORARY STRAW WATTLE
- CONCRETE WASHOUT AREA
- TRIANGULAR SILT DIKES (EACH SIDE OF AREA BEING DISTURBED DURING CONSTRUCTION)

SEQUENCE OF CONSTRUCTION

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILER, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, MASON'S AREA, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION

- 1. DESIGNATE CONSTRUCTION EXIT(S) AND POST SWPPP ENTRANCE SIGN.
- 2. PREPARE TEMPORARY PARKING AND STORAGE AREA. Install inlet protection at all existing storm sewer structures to remain.

- TEMPORARILY SEED, THROUGHOUT CONSTRUCTION, DENUDED AREAS THAT WILL BE INACTIVE
- FOR 21 DAYS OR MORE. INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS.
- INSTALL INLET PROTECTION AT ALL STORM SEWER STRUCTURES AS EACH INLET STRUCTURE
- 4. PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
- INSTALL APPROPRIATE INLET PROTECTION DEVISES FOR PAVED AREAS AS WORK PROGRESSES. COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.
- 9. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES UPON STABILIZATION OF THE SITE AND RESTORE ANY AREAS DISTURBED BY THE REMOVAL OF THE BMP.
- 10. CONTINUE DAILY INSPECTION REPORTS UNTIL THE FINAL DAILY INSPECTION IS SIGNED OFF BY THE CONSTRUCTION MANAGER THAT THE SITE IS FULLY STABILIZED AND THE PERMIT MAY BE

NOTE: THE GENERAL CONTRACTOR MAY COMPLETE CONSTRUCTION—RELATED ACTIVITIES CONCURRENTLY ONLY IF ALL PRECEDING BMPS HAVE BEEN COMPLETELY INSTALLED.

ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE, ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE

- ALL EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF ANY RAIN EVENT RESULTING IN MORE THAN 0.5 INCHES OF RAIN PER 24 HOUR PERIOD.
- 2. ALL TEMPORARY AND PERMANENT CONTROL PRACTICES SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ENSURE CONTINUED PERFORMANCE OF THEIR INTENDED
- 3. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
- SILT FENCES SHALL BE INSPECTED AFTER EACH STORM EVENT. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. SEDIMENT SHALL BE REMOVED AFTER EACH STORM EVENT WHEN THE DEPOSITS REACH 1/2 THE HEIGHT OF THE BARRIER.
- 5. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.
- 6. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.

BENCHMARK:

REFERENCE BENCHMARK: COUNTY OF WILL CONTROL MONUMENT 6067 (NAVD88)

TABLET STAMPED "639.15 1982" IN THE SOUTHEAST HEADWALL OF BRIDGE OVER THE EAST BRANCH OF THE DUPAGE RIVER NEAR THE NORTHEAST CORNER OF SECTION 7.

SITE BENCHMARK 1 FINISHED FLOOR AT FRONT SOUTHEAST DOOR OF STEAK-N-SHAKE.

CROSS CUT IN THE SOUTH SIDE OF CONCRETE TRAFFIC SIGNAL BASE. ELEVATION = 673.16

FLOOD NOTE:

THIS SITE FALLS WITHIN "OTHER AREAS: ZONE "X" (AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN) AS DEFINED BY THE FLOOD INSURANCE RATE MAP, MAP NUMBERS 17197C0034 E AND 17197C0053 E, BOTH HAVING EFFECTIVE DATES OF

DISTURBED AREA

±0.537 ACRES / ±23,407 SF

EXISTING PERVIOUS AREA (LANDSCAPE):

±0.157 ACRES / ±6,863 SF (29%)

±0.389 ACRES / ±16,934 SF (71%)

PROPOSED IMPERVIOUS AREA: PROPOSED PERVIOUS AREA (LANDSCAPE):

±0.324 ACRES / ±14,114 SF (60%) ±0.213 ACRES / ±9,293 SF (40%)

DISTURBED AREA:

GRAPHIC SCALE

±0.54 ACRES / ±23,333 SF

(IN FEET) 1 inch = 20 ft.

PRELIMINARY PLANS (NOT FOR CONSTRUCTION)

21 South Evergreen Avenue Arlington Heights, IL 60005 t: 847 788 9200 f: 847 788 9537

PROJECT TEAM

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5-12-14 REV. PER NEW BLDG 5-29-14 BUILDING PERMIT 7-11-14 VILLAGE REVIEW 9-5-14 PLAN COMMISSION 10-7-14 BUILDING PERMIT

10-23-14 VILLAGE REVIEW

PROFESSIONAL SEAL



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PROJECT NAME

DRAWN BY JIA-JENG CHU

KEY DEVELOPMENT PARTNERS

BOLINGBROOK,

(SWQ) WEBER RD & **BOUGHTON RD**

PROJECT NUMBER 20130893.0

SHEET TITLE **STORMWATER POLLUTION PREVENTION PLAN**

SHEET NUMBER

C6.0